Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072822\
Data File : PR055505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2022 16:57
Operator : AJ\MA
Sample : N3741-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 03:27:09 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072722CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 27 04:49:23 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.637	2.908	37205316	17096533	9.083	9.092	
2)	SA Decachlor...	9.532	8.128	31685879	34079905	20.242	20.650	
	Target Compounds							
3)	L1 AR-1016-1	4.864	4.018	1121278	181627	10.273	2.866	#
4)	L1 AR-1016-2	4.884	4.034	1673085	319422	10.809	3.617	#
5)	L1 AR-1016-3	4.947	4.212	862052	284201	9.091	6.047	#
6)	L1 AR-1016-4	5.045	4.262	365102	565526	4.828	15.103	#
7)	L1 AR-1016-5	5.358	4.478	2182426	477159	31.263	10.046	#
8)	L2 AR-1221-1	3.845	3.126	1497624	216418	32.019	9.911	#
9)	L2 AR-1221-2	3.946	3.209	724979	48270	22.544	3.157	#
10)	L2 AR-1221-3	4.041	3.295	763010	152924	7.442	2.982	#
11)	L3 AR-1232-1	4.041	3.295	763010	152924	8.718	3.572	#
12)	L3 AR-1232-2	4.571	4.034	2152491	319422	49.859	7.943	#
13)	L3 AR-1232-3	4.884	4.212	1673085	284201	23.522	13.528	#
14)	L3 AR-1232-4	5.045	4.307	365102	757999	10.500	41.521	#
15)	L3 AR-1232-5	5.149	4.478	1453054	477159	58.181	23.447	#
16)	L4 AR-1242-1	4.864	4.018	1121278	181627	12.030	3.233	#
17)	L4 AR-1242-2	4.884	4.034	1673085	319422	12.485	4.121	#
18)	L4 AR-1242-3	4.947	4.212	862052	284201	10.429	6.814	#
19)	L4 AR-1242-4	5.045	4.307	365102	757999	5.567	19.598	#
20)	L4 AR-1242-5	5.835	4.845	1262607	3043267	21.858	59.086	#
21)	L5 AR-1248-1	4.864	4.018	1121278	181627	16.000	4.395	#
22)	L5 AR-1248-2	5.149	4.262	1453054	565526	16.464	10.070	#
23)	L5 AR-1248-3	5.358	4.307	2182426	757999	22.069	13.236	#
24)	L5 AR-1248-4	5.789	4.478	1830622	477159	19.077	6.874	#
25)	L5 AR-1248-5	5.835	4.884	1262607	2223941	13.521	31.290	#
26)	L6 AR-1254-1	5.766	4.845	2401421	3043267	24.758	29.391	
27)	L6 AR-1254-2	5.999	5.004	6005218	2044561	43.202	22.732	#
28)	L6 AR-1254-3	6.394	5.421	4767866	3410769	34.418	23.349	#
29)	L6 AR-1254-4	6.706	5.667	1374093	880079	13.581	9.441	#
30)	L6 AR-1254-5	7.160	6.109	2994341	6013453	28.642	45.383	#
31)	L7 AR-1260-1	6.575	5.565	2517675	2673367	28.068	31.182	
32)	L7 AR-1260-2	6.842	5.765	7070524	1608297	68.023	15.385	#
33)	L7 AR-1260-3	7.248	5.919	1136306	1718028	14.449	17.533	
34)	L7 AR-1260-4	7.488	6.423	1684528	952472	18.515	11.168	#
35)	L7 AR-1260-5	7.828	6.689	2934582	2015735	16.985	9.816	#
36)	L8 AR-1262-1	7.248	6.155	1136306	1814396	9.051	13.493	#
37)	L8 AR-1262-2	7.828	6.689	2934582	2015735	13.338	8.219	#
38)	L8 AR-1262-3	8.140	6.993	2266891	682298	14.877	6.903	#
39)	L8 AR-1262-4	8.211	7.058	2299095	1699451	30.480	9.254	#
40)	L8 AR-1262-5	8.841	7.595	1270840	1402450	15.172	15.638	
41)	L9 AR-1268-1	8.140	6.993	2266891	682298	8.954	2.413	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072822\
Data File : PR055505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2022 16:57
Operator : AJ\MA
Sample : N3741-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 03:27:09 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072722CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 27 04:49:23 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	8.211	7.058	2299095	1699451	9.845	6.667	#
43)	L9 AR-1268-3	8.445	7.284	1020407	947058	5.214	4.366	
44)	L9 AR-1268-4	8.841	7.595	1270840	1402450	13.816	14.186	
45)	L9 AR-1268-5	9.225	7.867	1252928	2782509	1.972	3.985	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

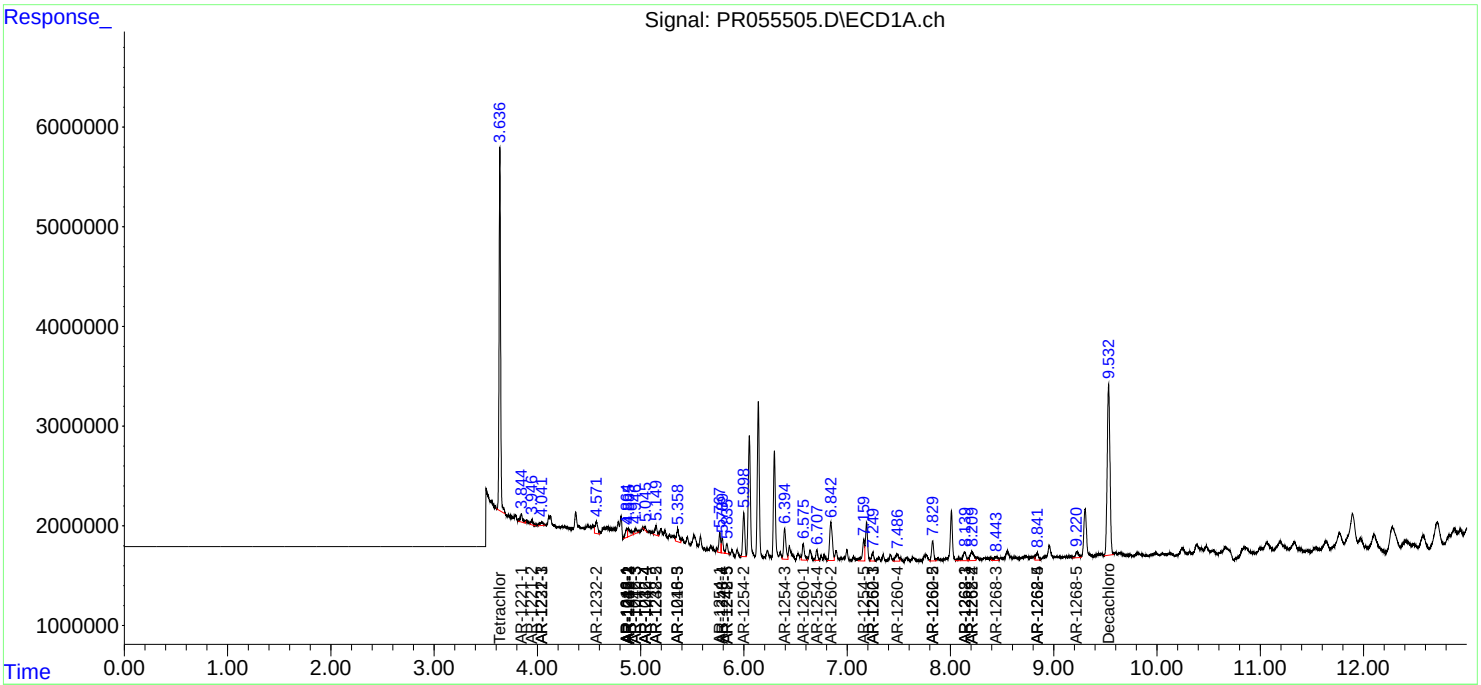
Quantitation Report (Not Reviewed)

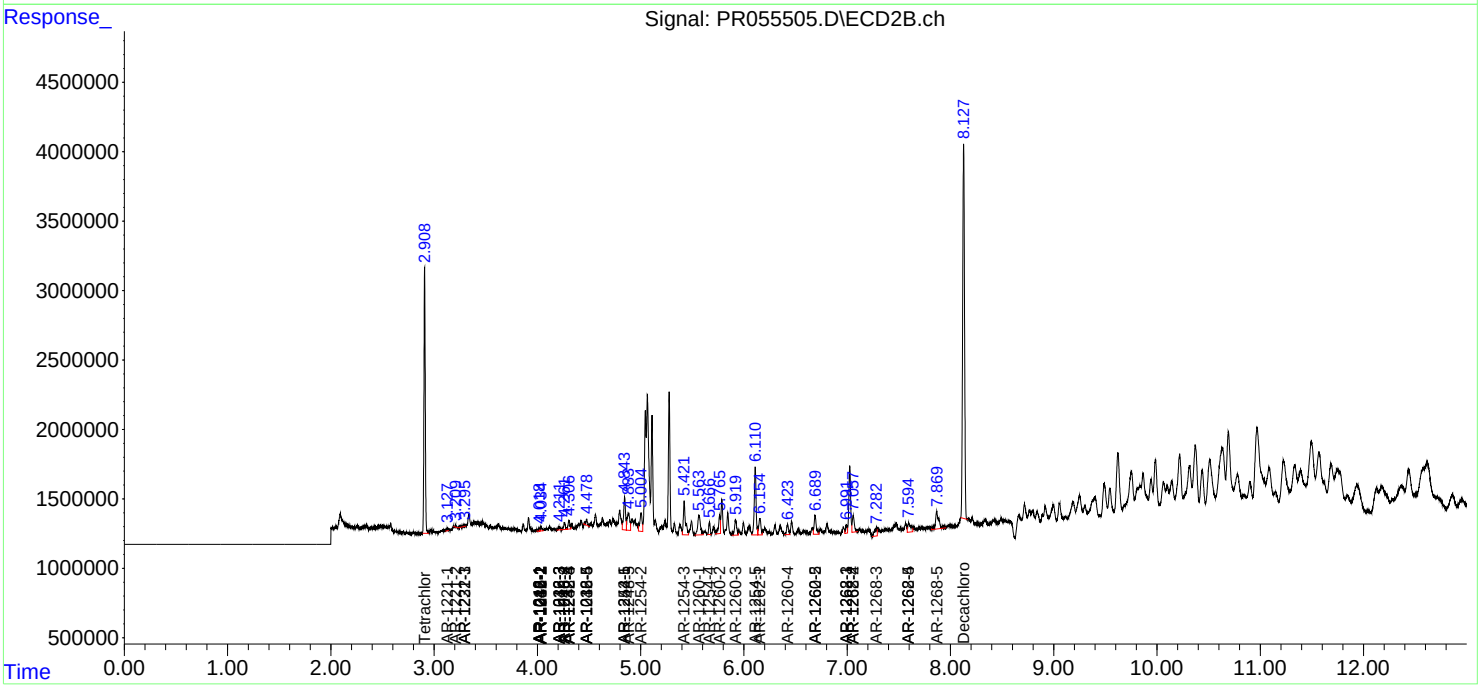
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072822\
Data File : PR055505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2022 16:57
Operator : AJ\MA
Sample : N3741-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

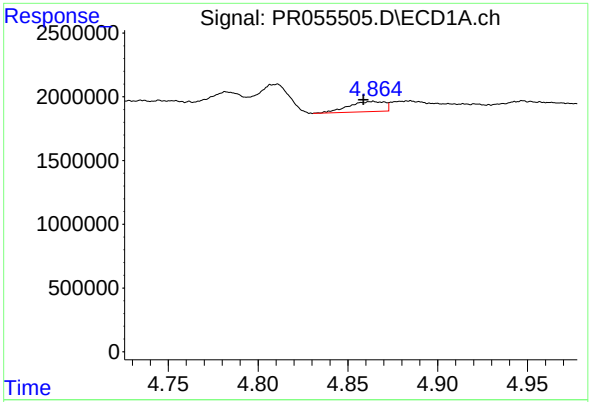
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 03:27:09 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072722CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 27 04:49:23 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



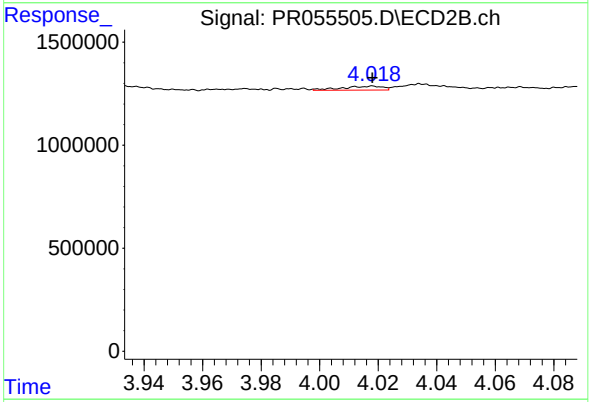




#3 AR-1016-1

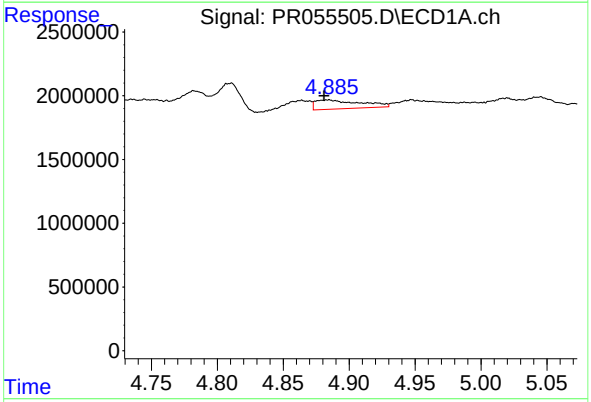
R.T.: 4.864 min
Delta R.T.: 0.005 min
Response: 1121278
Conc: 10.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



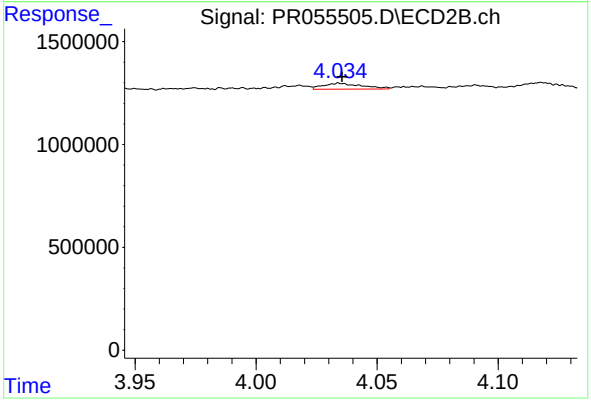
#3 AR-1016-1

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 181627
Conc: 2.87 ng/ml



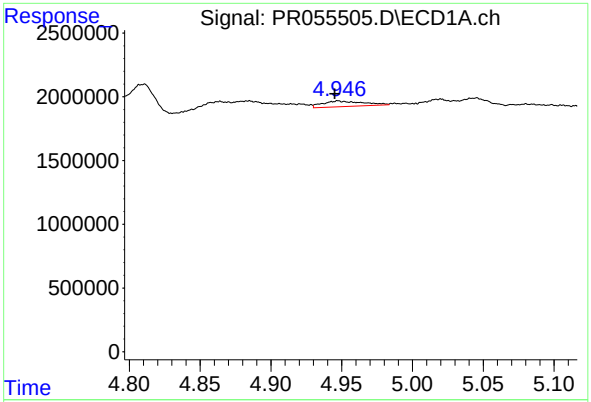
#4 AR-1016-2

R.T.: 4.884 min
Delta R.T.: 0.003 min
Response: 1673085
Conc: 10.81 ng/ml



#4 AR-1016-2

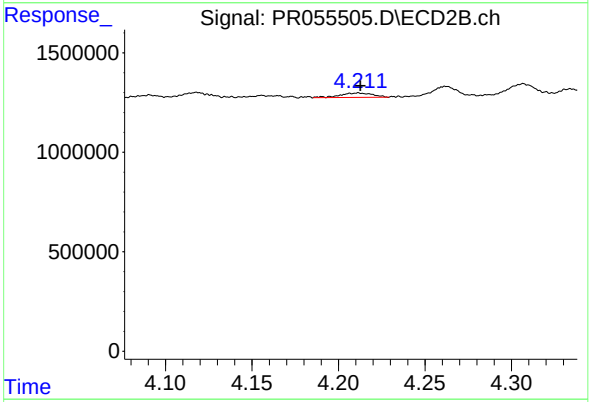
R.T.: 4.034 min
Delta R.T.: -0.001 min
Response: 319422
Conc: 3.62 ng/ml



#5 AR-1016-3

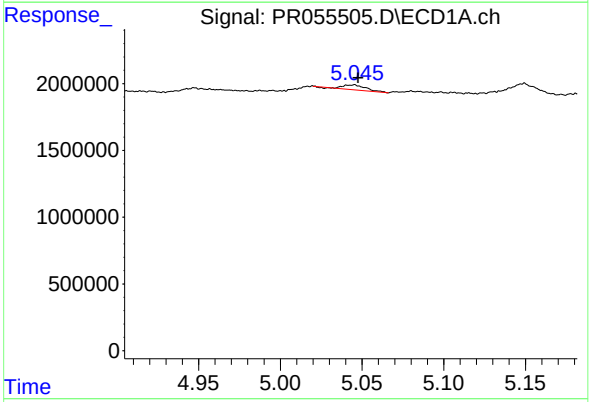
R.T.: 4.947 min
Delta R.T.: 0.002 min
Response: 862052
Conc: 9.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



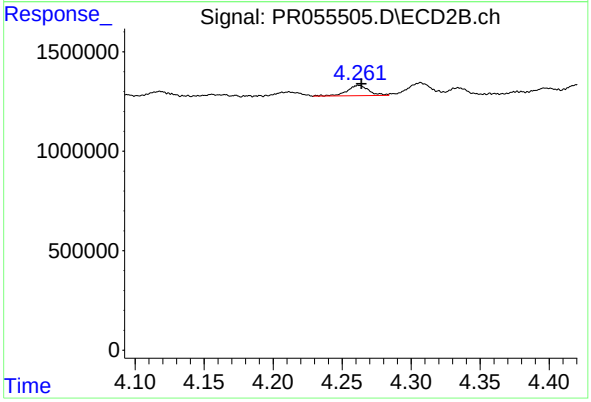
#5 AR-1016-3

R.T.: 4.212 min
Delta R.T.: -0.001 min
Response: 284201
Conc: 6.05 ng/ml



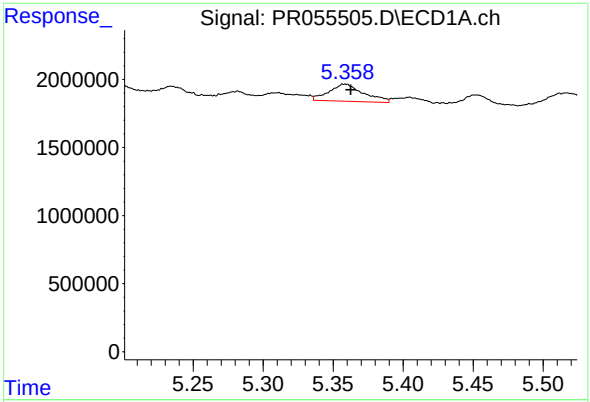
#6 AR-1016-4

R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 365102
Conc: 4.83 ng/ml



#6 AR-1016-4

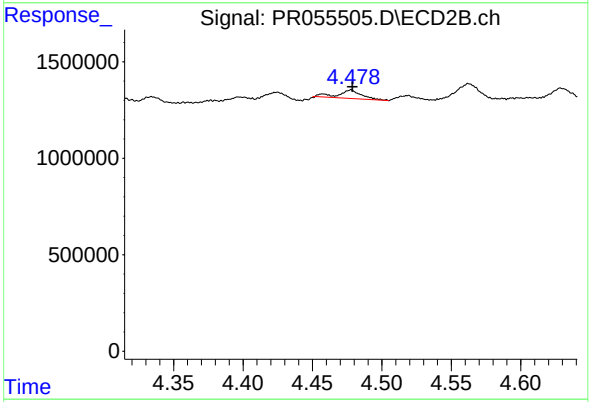
R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 565526
Conc: 15.10 ng/ml



#7 AR-1016-5

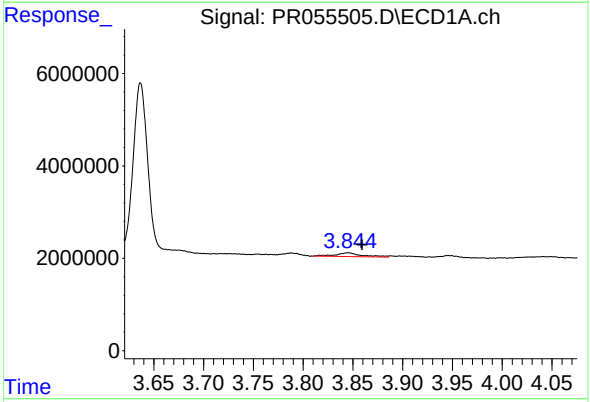
R.T.: 5.358 min
Delta R.T.: -0.004 min
Response: 2182426
Conc: 31.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



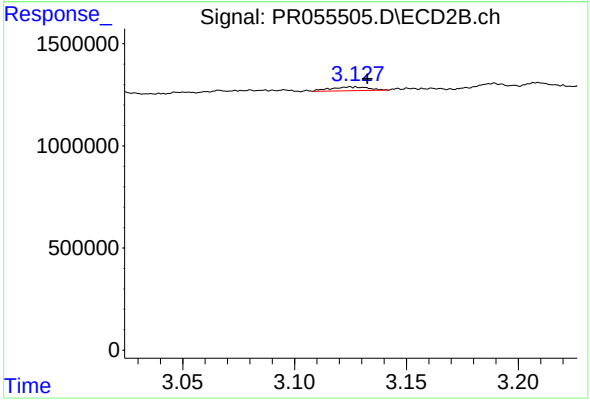
#7 AR-1016-5

R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 477159
Conc: 10.05 ng/ml



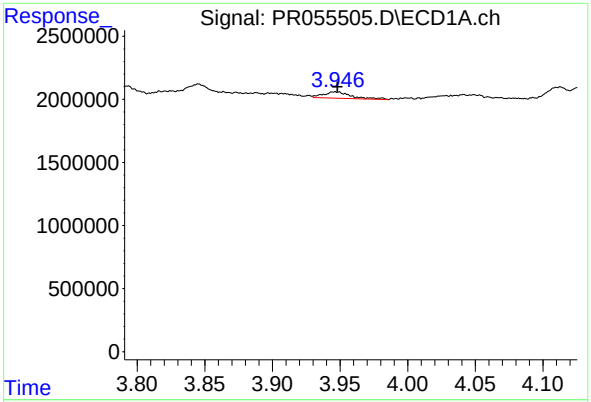
#8 AR-1221-1

R.T.: 3.845 min
Delta R.T.: -0.014 min
Response: 1497624
Conc: 32.02 ng/ml



#8 AR-1221-1

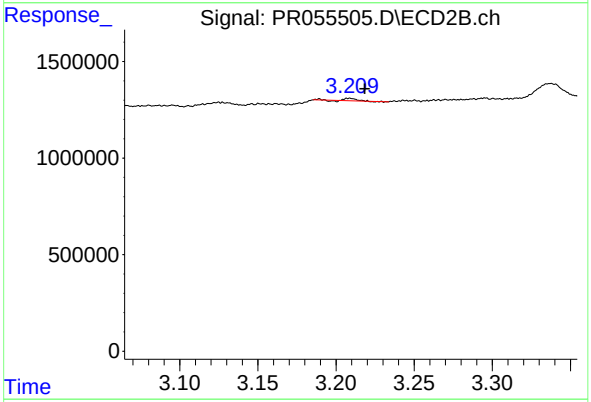
R.T.: 3.126 min
Delta R.T.: -0.007 min
Response: 216418
Conc: 9.91 ng/ml



#9 AR-1221-2

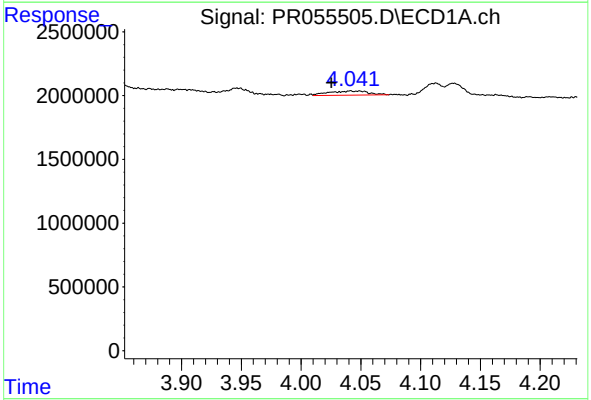
R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 724979
Conc: 22.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



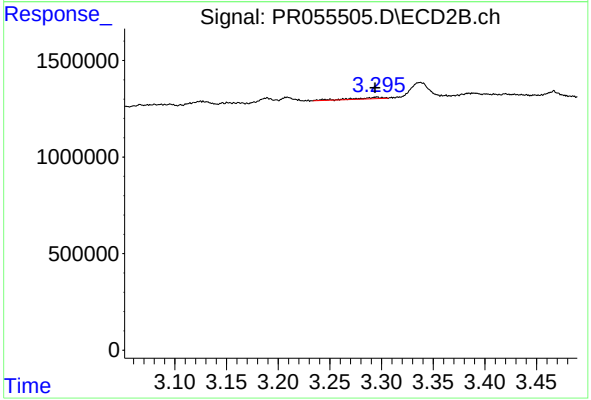
#9 AR-1221-2

R.T.: 3.209 min
Delta R.T.: -0.010 min
Response: 48270
Conc: 3.16 ng/ml



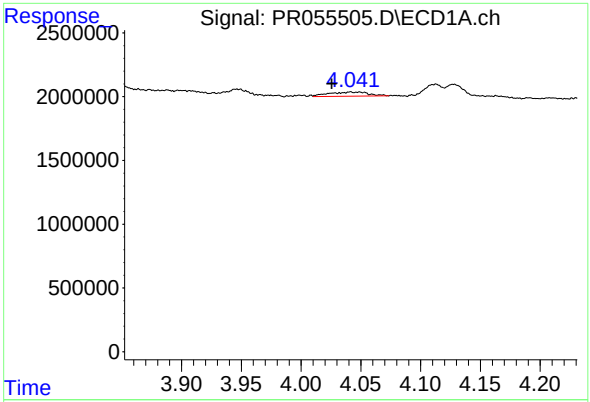
#10 AR-1221-3

R.T.: 4.041 min
Delta R.T.: 0.016 min
Response: 763010
Conc: 7.44 ng/ml



#10 AR-1221-3

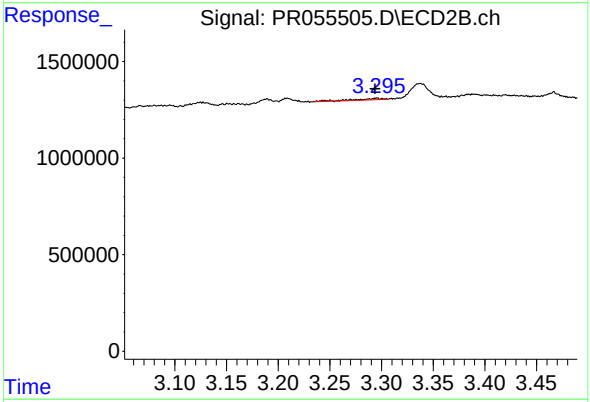
R.T.: 3.295 min
Delta R.T.: 0.001 min
Response: 152924
Conc: 2.98 ng/ml



#11 AR-1232-1

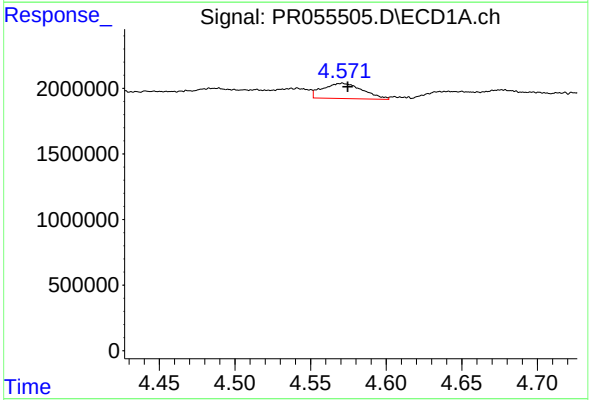
R.T.: 4.041 min
Delta R.T.: 0.016 min
Response: 763010
Conc: 8.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



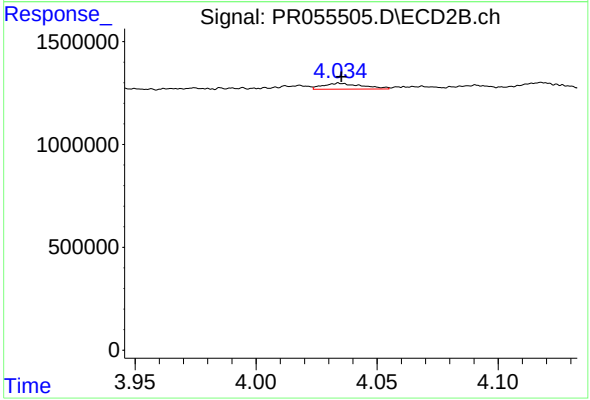
#11 AR-1232-1

R.T.: 3.295 min
Delta R.T.: 0.001 min
Response: 152924
Conc: 3.57 ng/ml



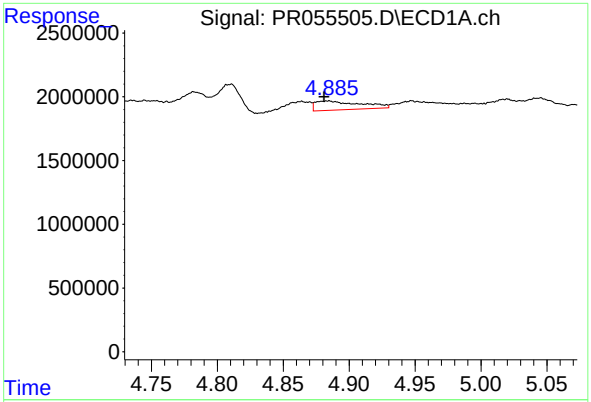
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: -0.004 min
Response: 2152491
Conc: 49.86 ng/ml



#12 AR-1232-2

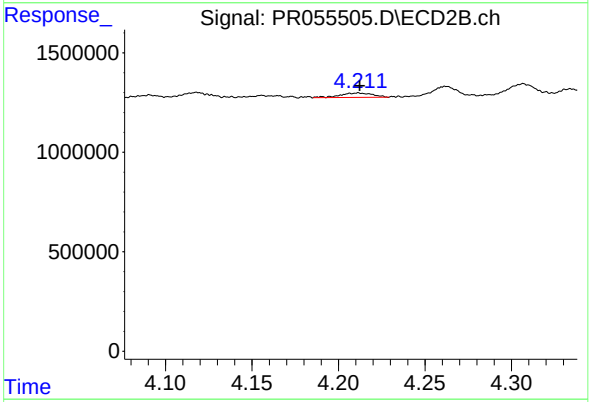
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 319422
Conc: 7.94 ng/ml



#13 AR-1232-3

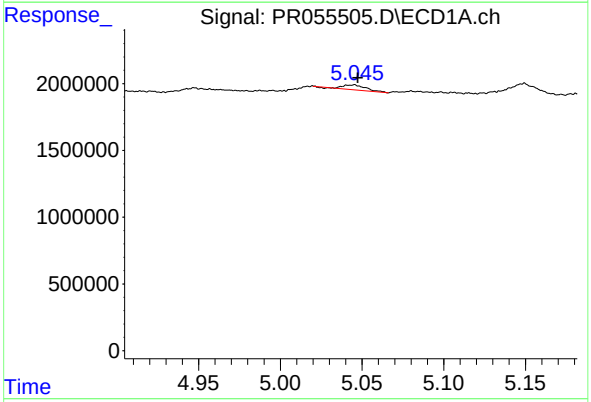
R.T.: 4.884 min
Delta R.T.: 0.003 min
Response: 1673085
Conc: 23.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



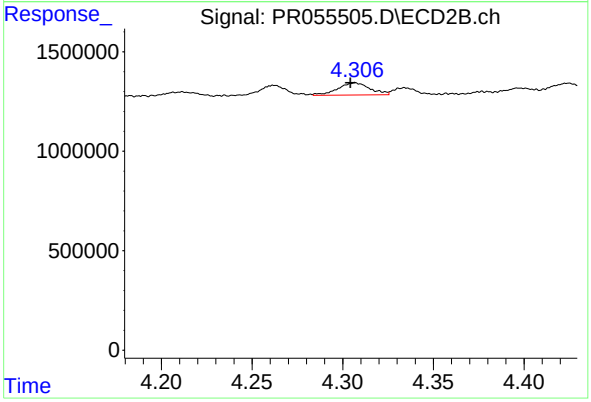
#13 AR-1232-3

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 284201
Conc: 13.53 ng/ml



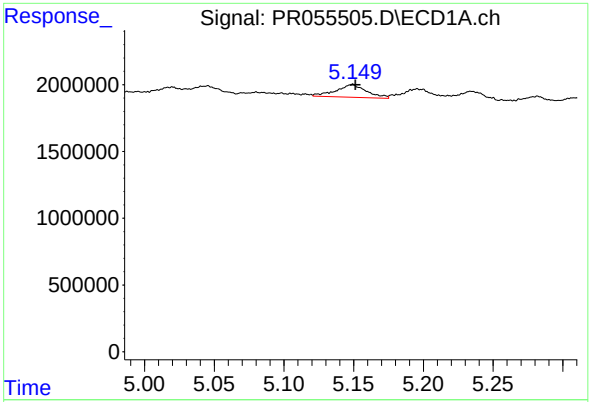
#14 AR-1232-4

R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 365102
Conc: 10.50 ng/ml



#14 AR-1232-4

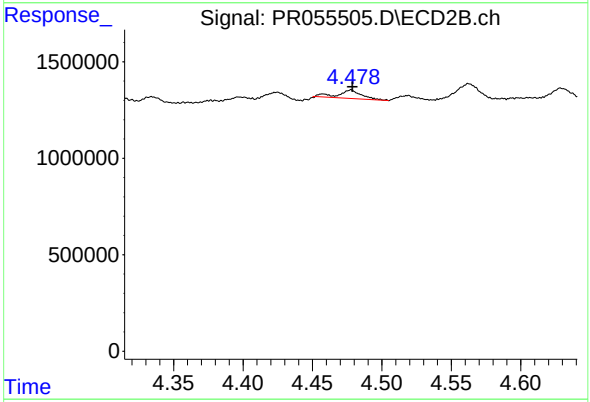
R.T.: 4.307 min
Delta R.T.: 0.003 min
Response: 757999
Conc: 41.52 ng/ml



#15 AR-1232-5

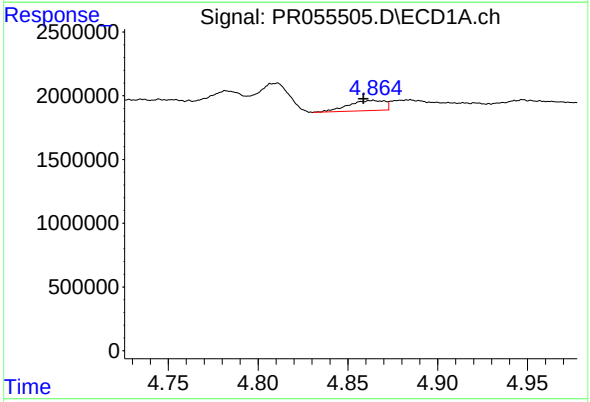
R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 1453054
Conc: 58.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



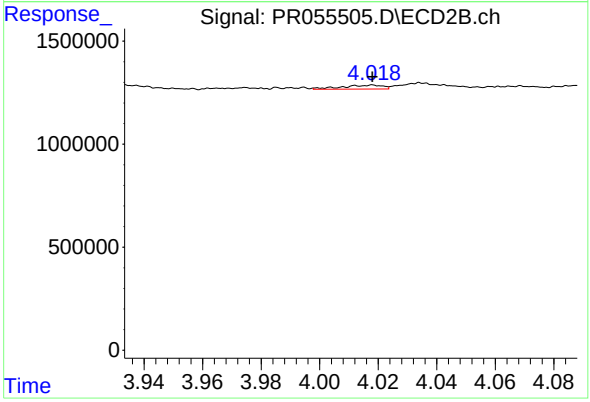
#15 AR-1232-5

R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 477159
Conc: 23.45 ng/ml



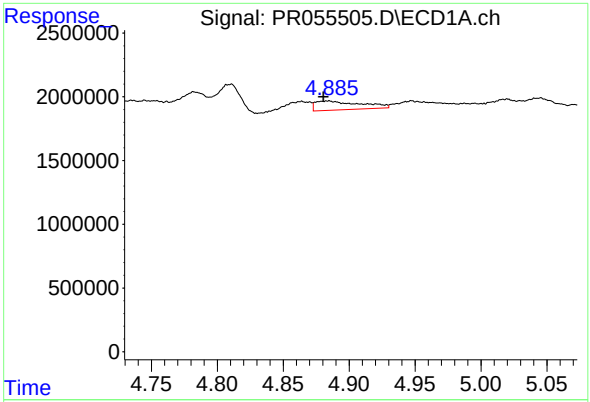
#16 AR-1242-1

R.T.: 4.864 min
Delta R.T.: 0.005 min
Response: 1121278
Conc: 12.03 ng/ml



#16 AR-1242-1

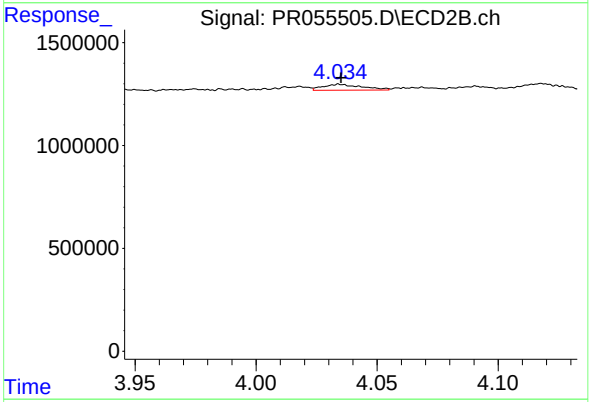
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 181627
Conc: 3.23 ng/ml



#17 AR-1242-2

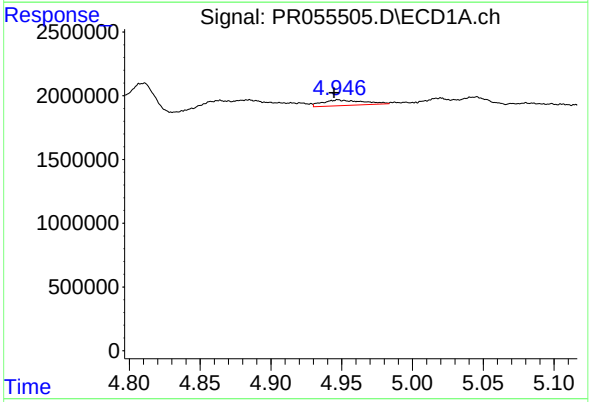
R.T.: 4.884 min
Delta R.T.: 0.004 min
Response: 1673085
Conc: 12.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



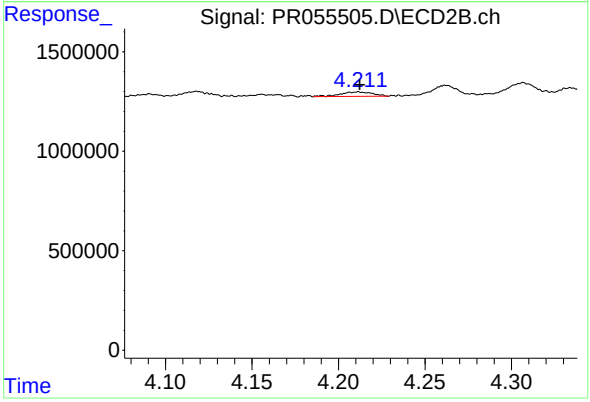
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 319422
Conc: 4.12 ng/ml



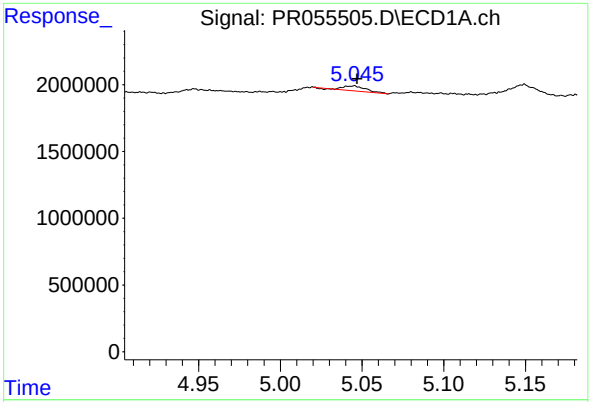
#18 AR-1242-3

R.T.: 4.947 min
Delta R.T.: 0.003 min
Response: 862052
Conc: 10.43 ng/ml



#18 AR-1242-3

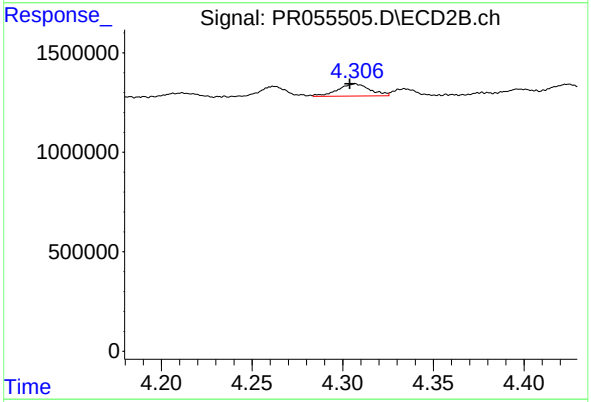
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 284201
Conc: 6.81 ng/ml



#19 AR-1242-4

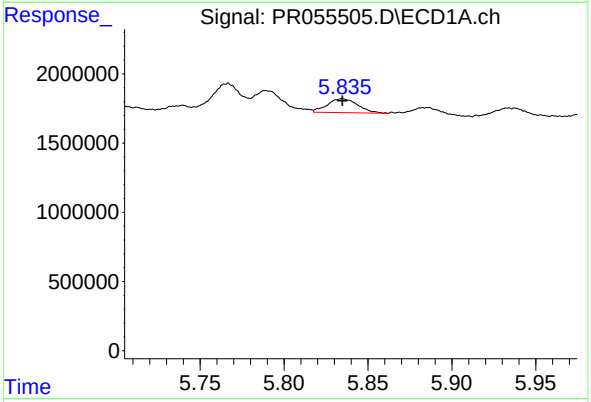
R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 365102
Conc: 5.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



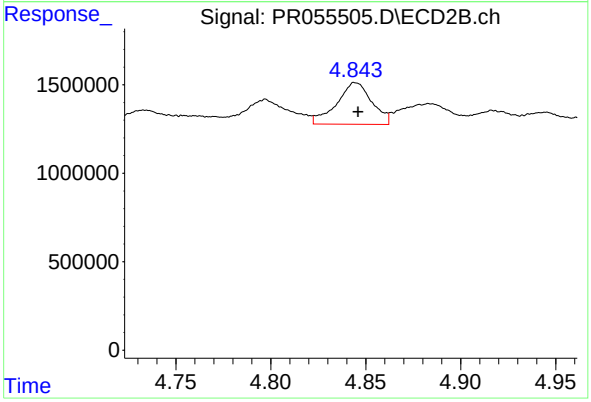
#19 AR-1242-4

R.T.: 4.307 min
Delta R.T.: 0.003 min
Response: 757999
Conc: 19.60 ng/ml



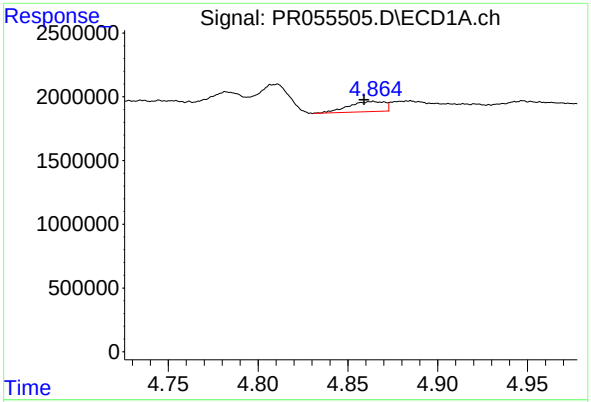
#20 AR-1242-5

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 1262607
Conc: 21.86 ng/ml



#20 AR-1242-5

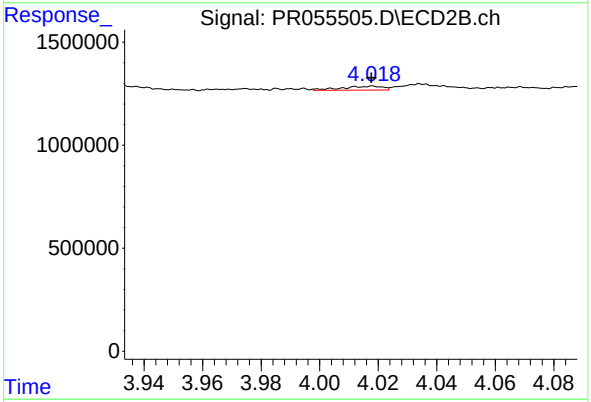
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 3043267
Conc: 59.09 ng/ml



#21 AR-1248-1

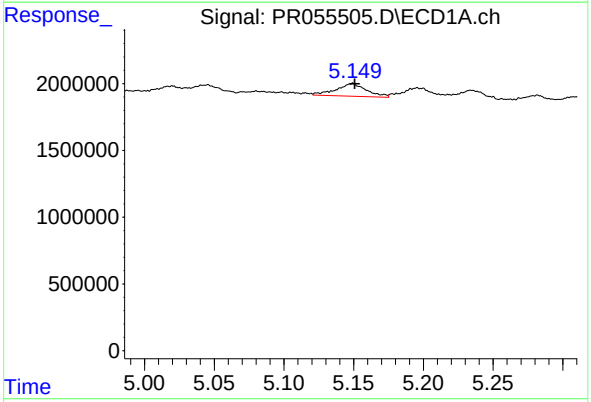
R.T.: 4.864 min
Delta R.T.: 0.005 min
Response: 1121278
Conc: 16.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



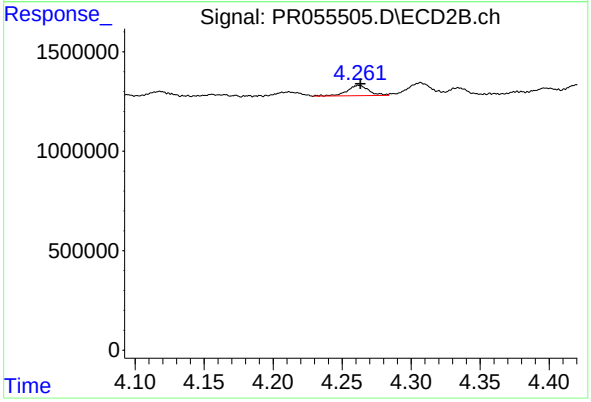
#21 AR-1248-1

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 181627
Conc: 4.40 ng/ml



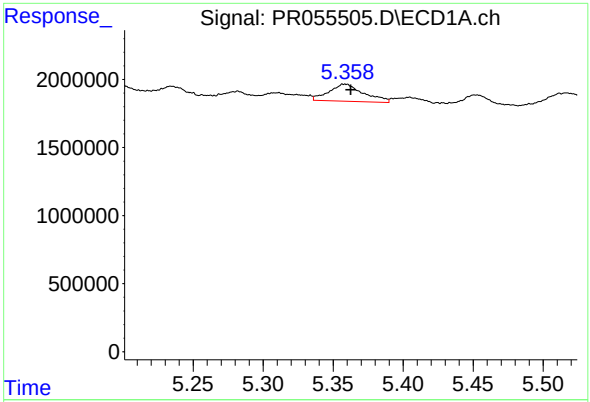
#22 AR-1248-2

R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 1453054
Conc: 16.46 ng/ml



#22 AR-1248-2

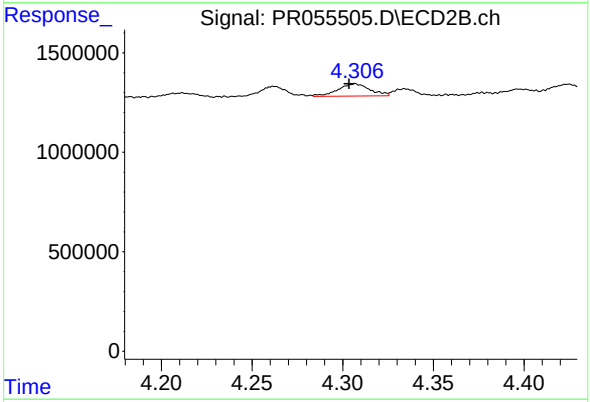
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 565526
Conc: 10.07 ng/ml



#23 AR-1248-3

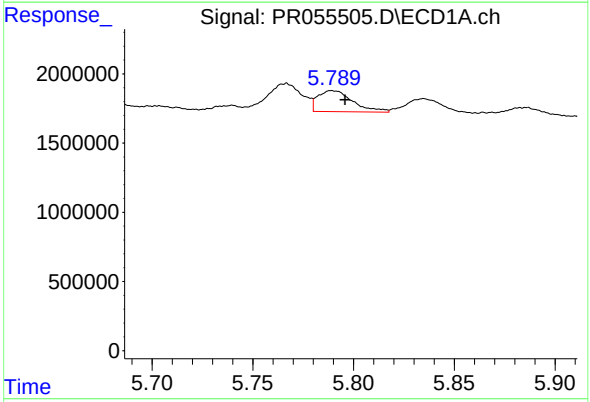
R.T.: 5.358 min
Delta R.T.: -0.004 min
Response: 2182426
Conc: 22.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



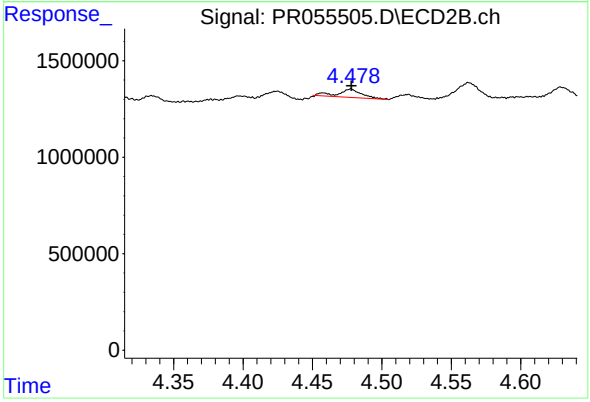
#23 AR-1248-3

R.T.: 4.307 min
Delta R.T.: 0.003 min
Response: 757999
Conc: 13.24 ng/ml



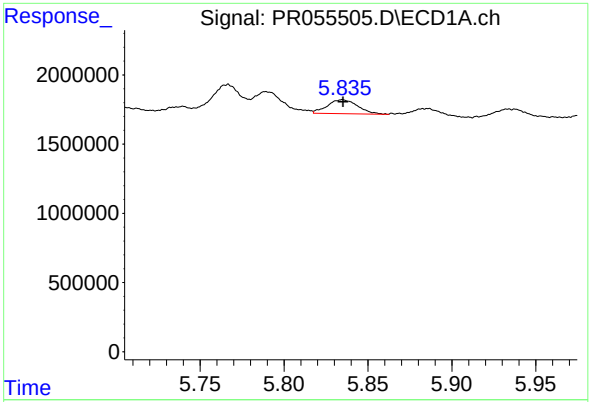
#24 AR-1248-4

R.T.: 5.789 min
Delta R.T.: -0.006 min
Response: 1830622
Conc: 19.08 ng/ml



#24 AR-1248-4

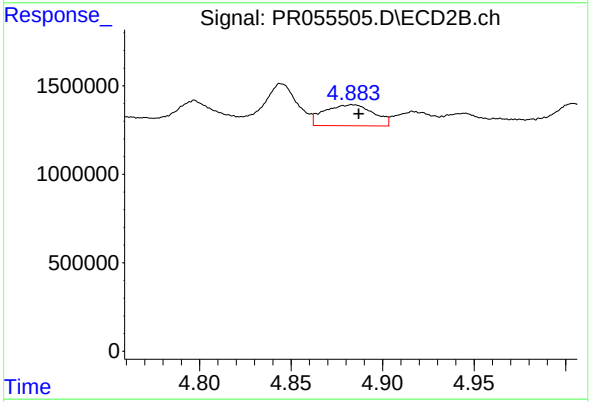
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 477159
Conc: 6.87 ng/ml



#25 AR-1248-5

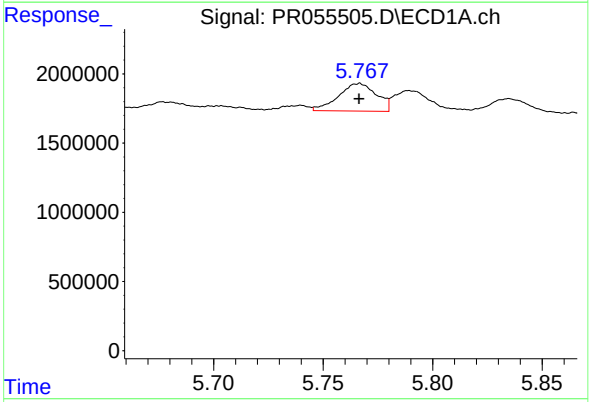
R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 1262607
Conc: 13.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



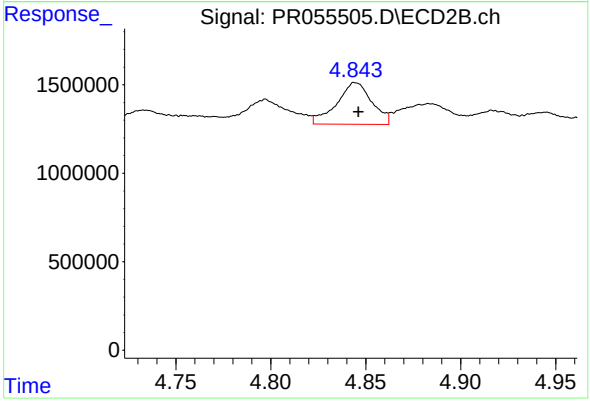
#25 AR-1248-5

R.T.: 4.884 min
Delta R.T.: -0.003 min
Response: 2223941
Conc: 31.29 ng/ml



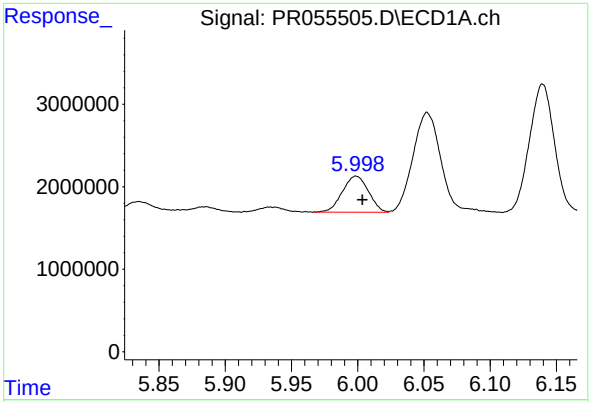
#26 AR-1254-1

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 2401421
Conc: 24.76 ng/ml



#26 AR-1254-1

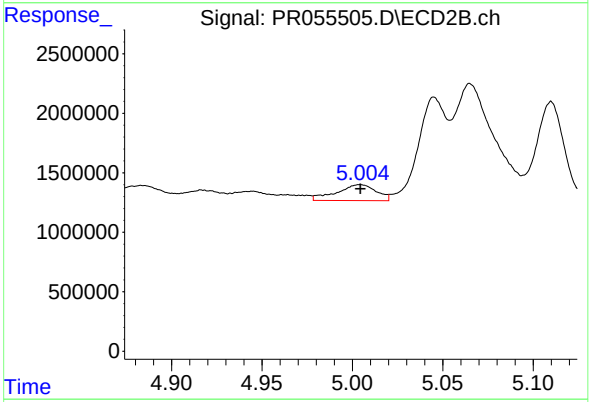
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 3043267
Conc: 29.39 ng/ml



#27 AR-1254-2

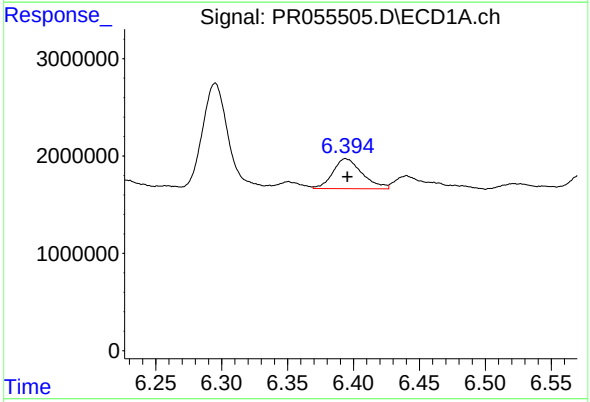
R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 6005218
Conc: 43.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



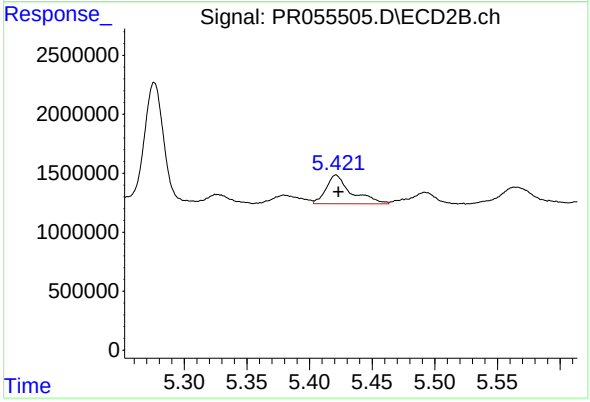
#27 AR-1254-2

R.T.: 5.004 min
Delta R.T.: 0.000 min
Response: 2044561
Conc: 22.73 ng/ml



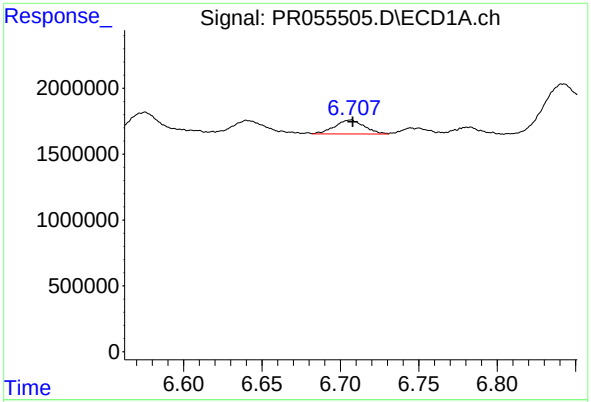
#28 AR-1254-3

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 4767866
Conc: 34.42 ng/ml



#28 AR-1254-3

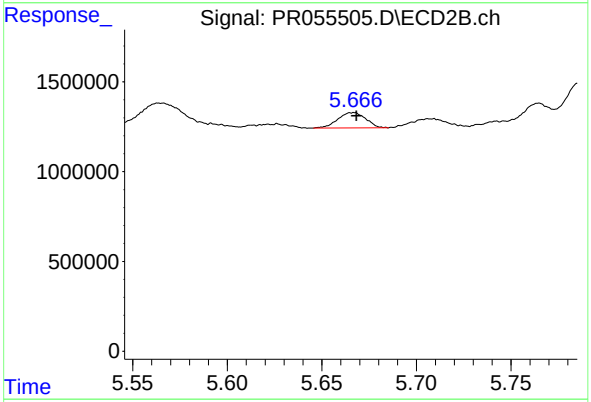
R.T.: 5.421 min
Delta R.T.: -0.002 min
Response: 3410769
Conc: 23.35 ng/ml



#29 AR-1254-4

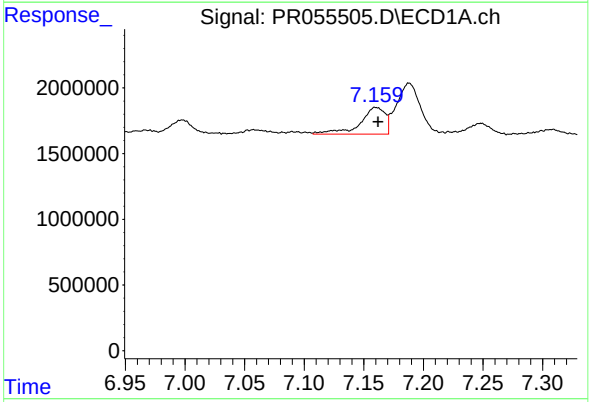
R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 1374093
Conc: 13.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



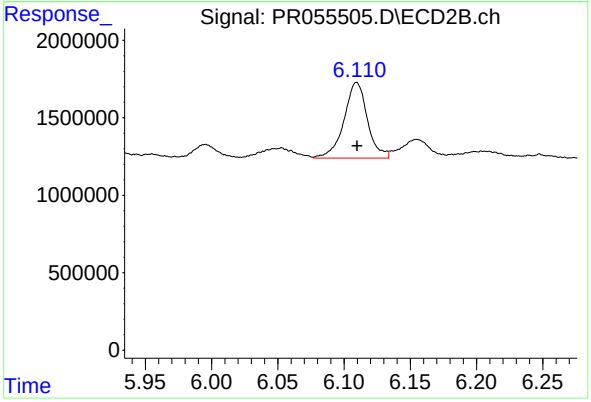
#29 AR-1254-4

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 880079
Conc: 9.44 ng/ml



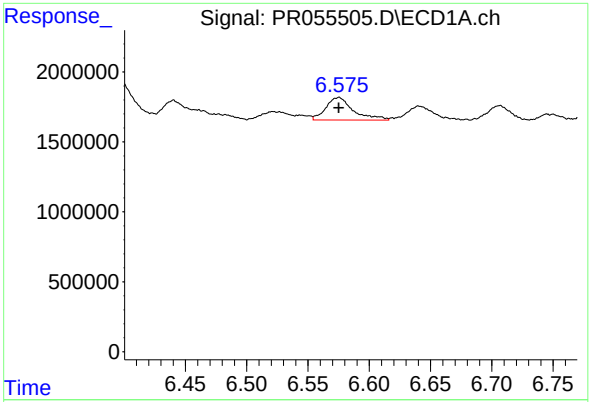
#30 AR-1254-5

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 2994341
Conc: 28.64 ng/ml



#30 AR-1254-5

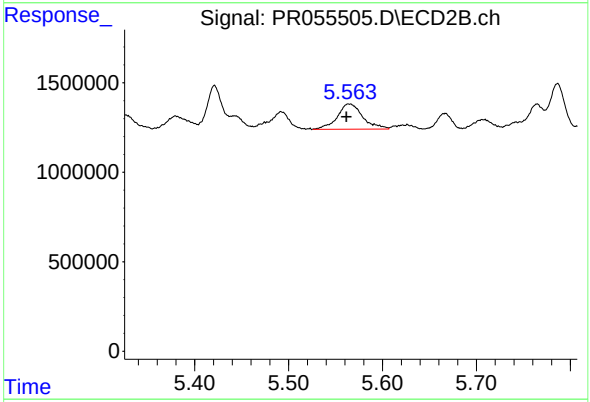
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 6013453
Conc: 45.38 ng/ml



#31 AR-1260-1

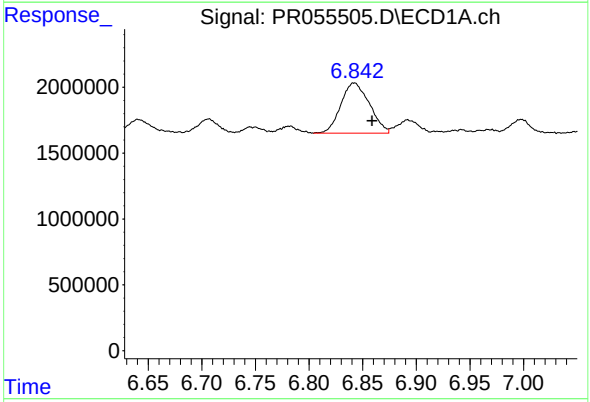
R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 2517675
Conc: 28.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



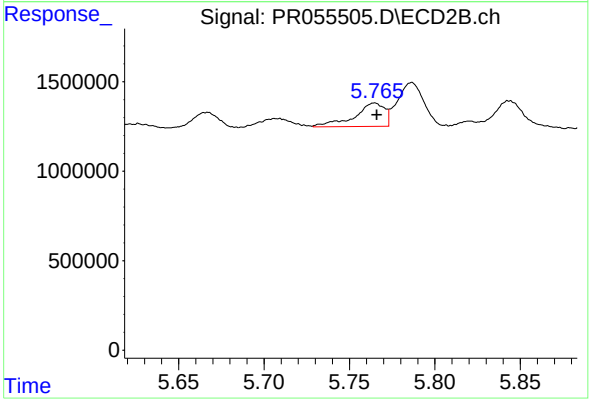
#31 AR-1260-1

R.T.: 5.565 min
Delta R.T.: 0.003 min
Response: 2673367
Conc: 31.18 ng/ml



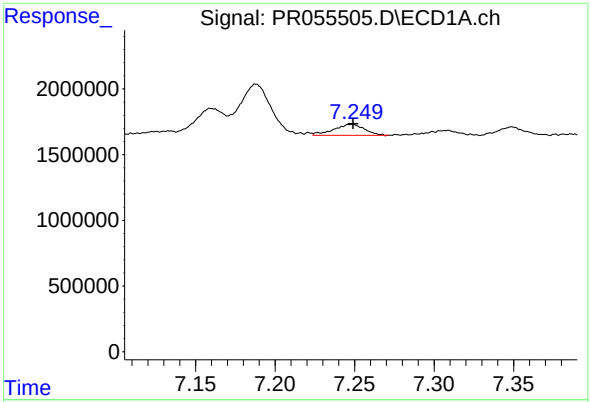
#32 AR-1260-2

R.T.: 6.842 min
Delta R.T.: -0.017 min
Response: 7070524
Conc: 68.02 ng/ml



#32 AR-1260-2

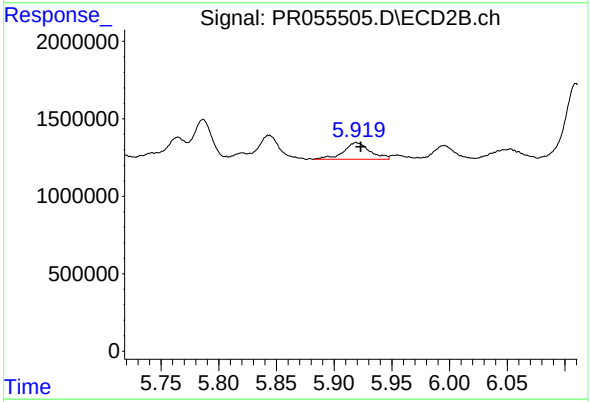
R.T.: 5.765 min
Delta R.T.: -0.001 min
Response: 1608297
Conc: 15.38 ng/ml



#33 AR-1260-3

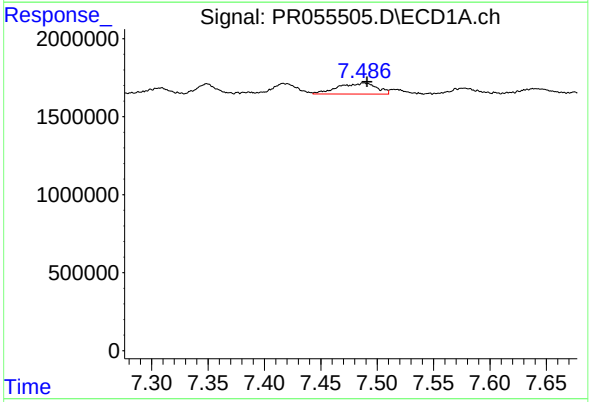
R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 1136306
Conc: 14.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



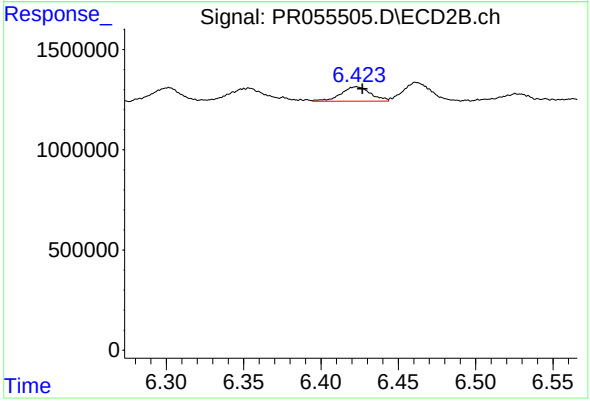
#33 AR-1260-3

R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 1718028
Conc: 17.53 ng/ml



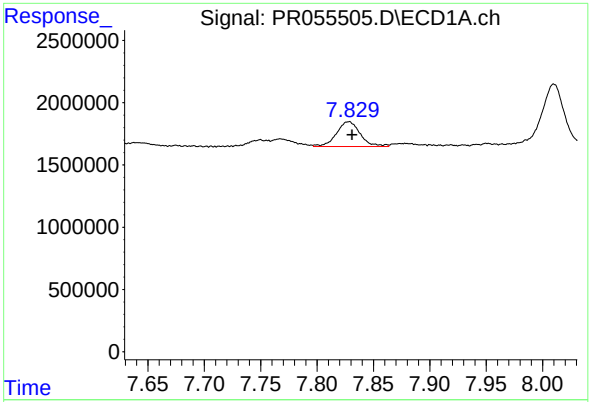
#34 AR-1260-4

R.T.: 7.488 min
Delta R.T.: -0.003 min
Response: 1684528
Conc: 18.52 ng/ml



#34 AR-1260-4

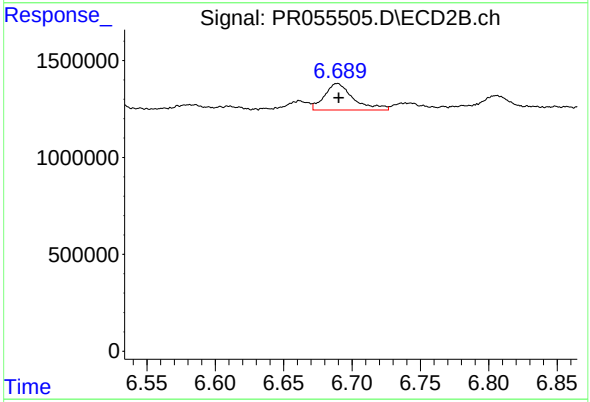
R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 952472
Conc: 11.17 ng/ml



#35 AR-1260-5

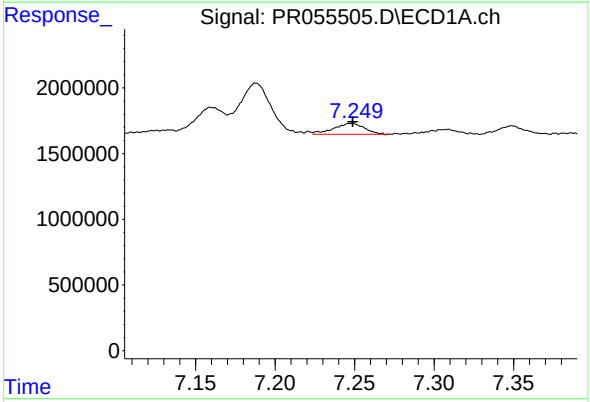
R.T.: 7.828 min
Delta R.T.: -0.003 min
Response: 2934582
Conc: 16.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



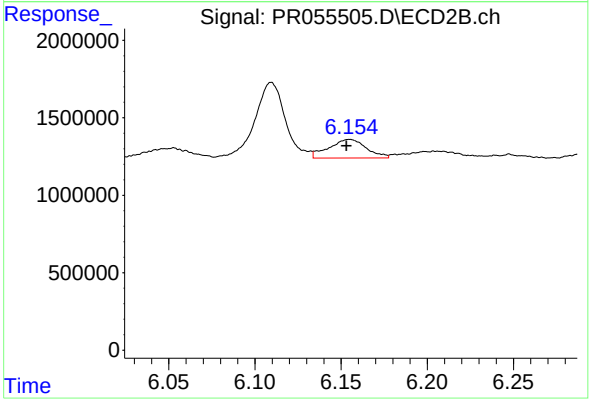
#35 AR-1260-5

R.T.: 6.689 min
Delta R.T.: -0.001 min
Response: 2015735
Conc: 9.82 ng/ml



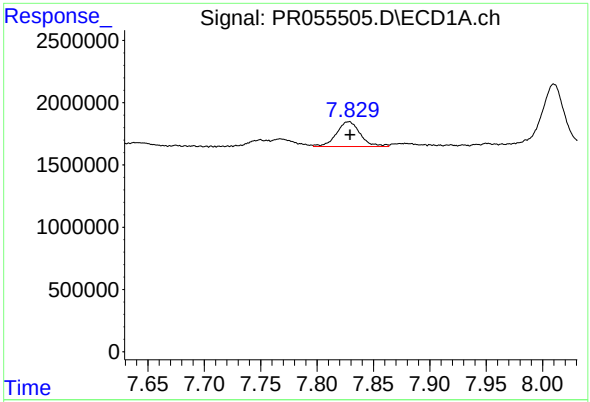
#36 AR-1262-1

R.T.: 7.248 min
Delta R.T.: 0.000 min
Response: 1136306
Conc: 9.05 ng/ml



#36 AR-1262-1

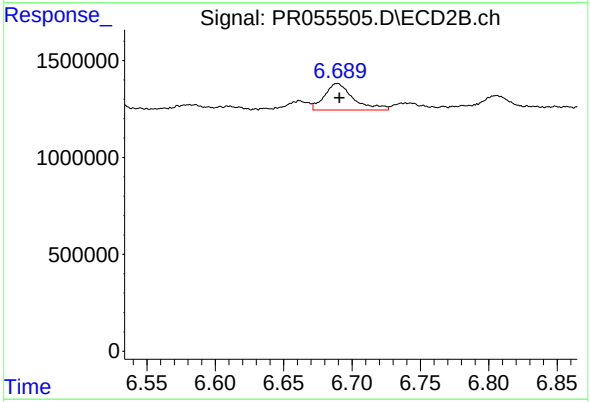
R.T.: 6.155 min
Delta R.T.: 0.002 min
Response: 1814396
Conc: 13.49 ng/ml



#37 AR-1262-2

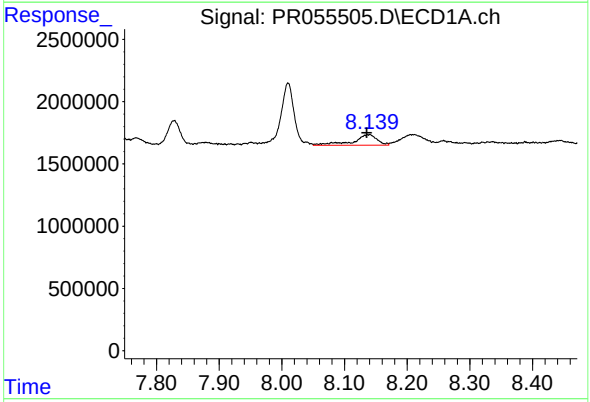
R.T.: 7.828 min
Delta R.T.: -0.001 min
Response: 2934582
Conc: 13.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



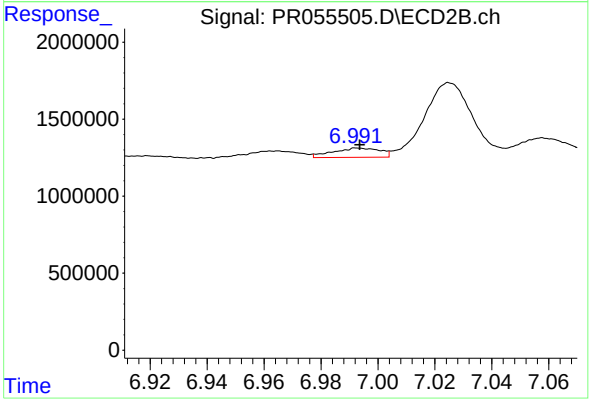
#37 AR-1262-2

R.T.: 6.689 min
Delta R.T.: -0.002 min
Response: 2015735
Conc: 8.22 ng/ml



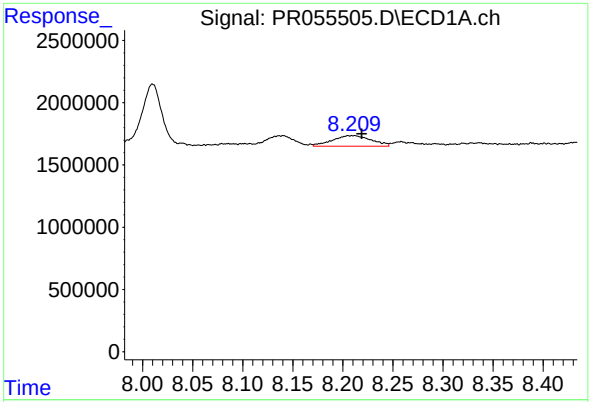
#38 AR-1262-3

R.T.: 8.140 min
Delta R.T.: 0.005 min
Response: 2266891
Conc: 14.88 ng/ml



#38 AR-1262-3

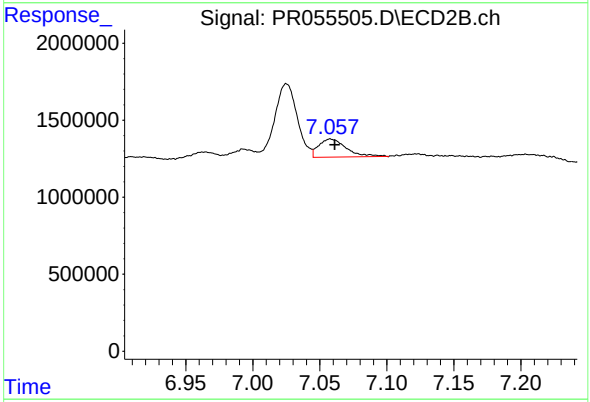
R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 682298
Conc: 6.90 ng/ml



#39 AR-1262-4

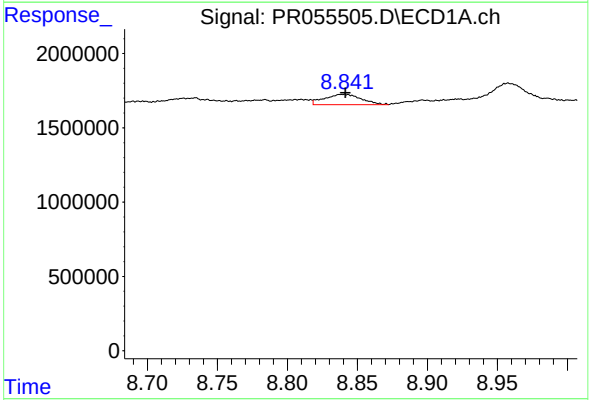
R.T.: 8.211 min
Delta R.T.: -0.008 min
Response: 2299095
Conc: 30.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



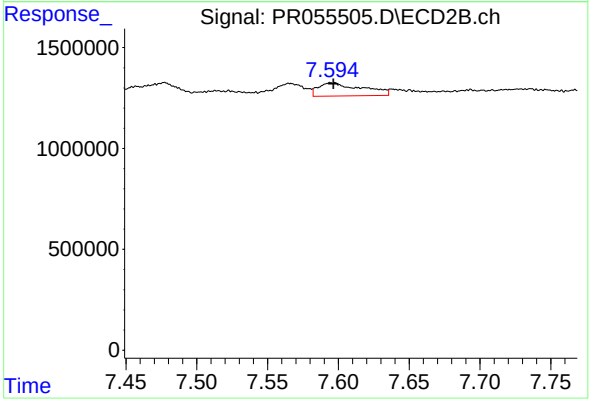
#39 AR-1262-4

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 1699451
Conc: 9.25 ng/ml



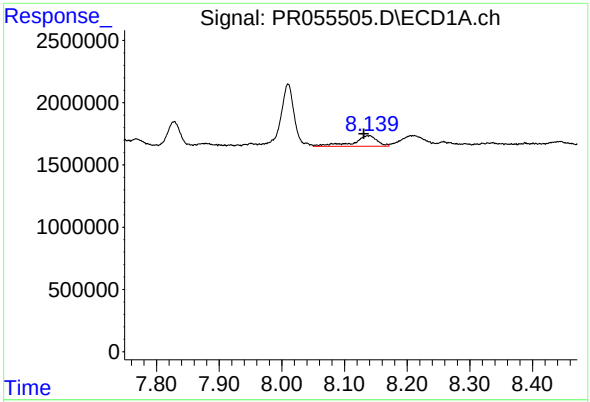
#40 AR-1262-5

R.T.: 8.841 min
Delta R.T.: 0.000 min
Response: 1270840
Conc: 15.17 ng/ml



#40 AR-1262-5

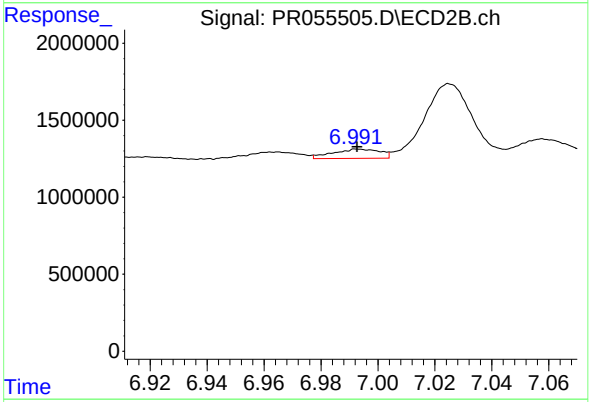
R.T.: 7.595 min
Delta R.T.: -0.001 min
Response: 1402450
Conc: 15.64 ng/ml



#41 AR-1268-1

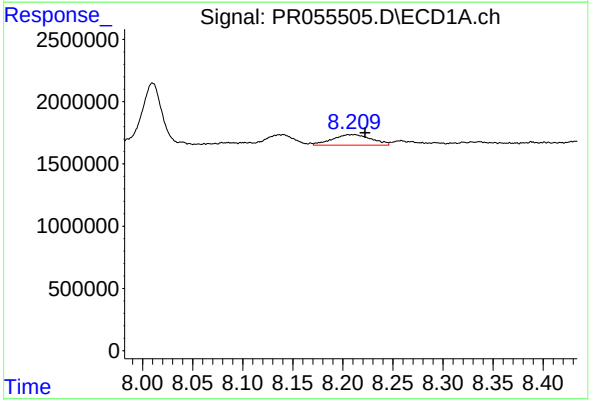
R.T.: 8.140 min
Delta R.T.: 0.009 min
Response: 2266891
Conc: 8.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



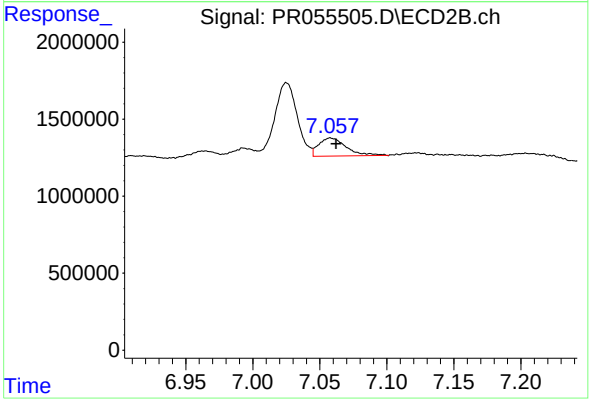
#41 AR-1268-1

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 682298
Conc: 2.41 ng/ml



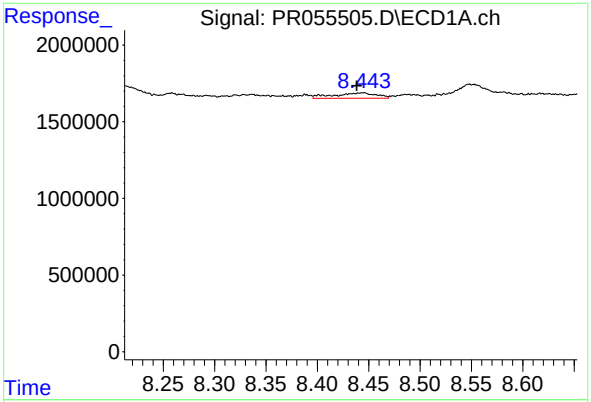
#42 AR-1268-2

R.T.: 8.211 min
Delta R.T.: -0.011 min
Response: 2299095
Conc: 9.85 ng/ml



#42 AR-1268-2

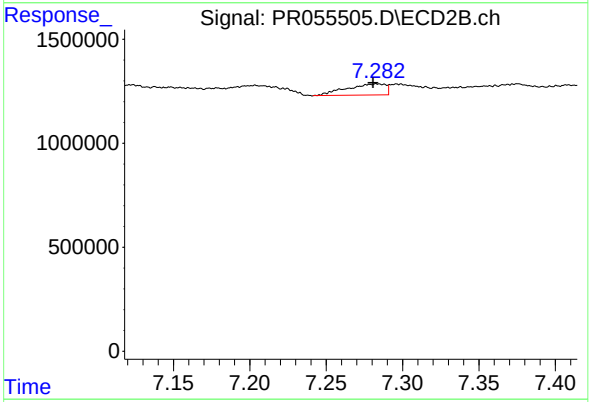
R.T.: 7.058 min
Delta R.T.: -0.004 min
Response: 1699451
Conc: 6.67 ng/ml



#43 AR-1268-3

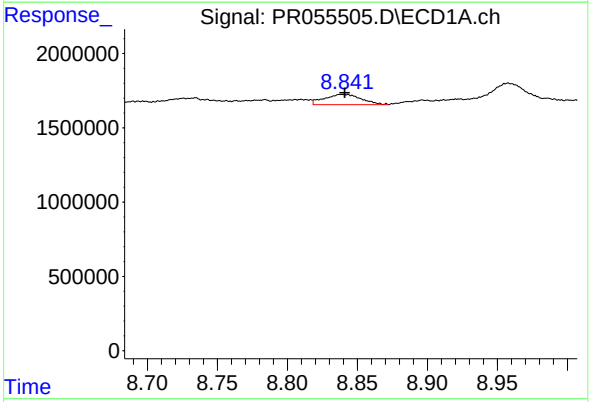
R.T.: 8.445 min
Delta R.T.: 0.007 min
Response: 1020407
Conc: 5.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



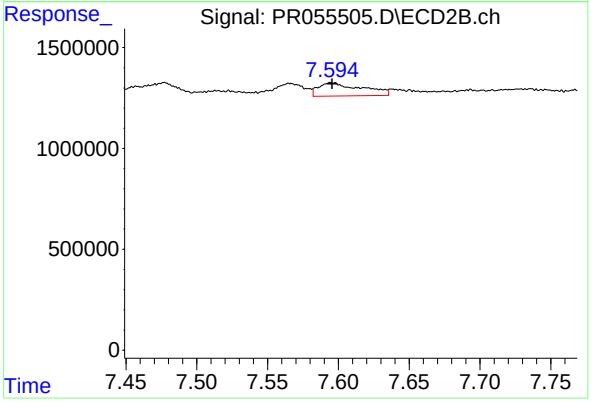
#43 AR-1268-3

R.T.: 7.284 min
Delta R.T.: 0.003 min
Response: 947058
Conc: 4.37 ng/ml



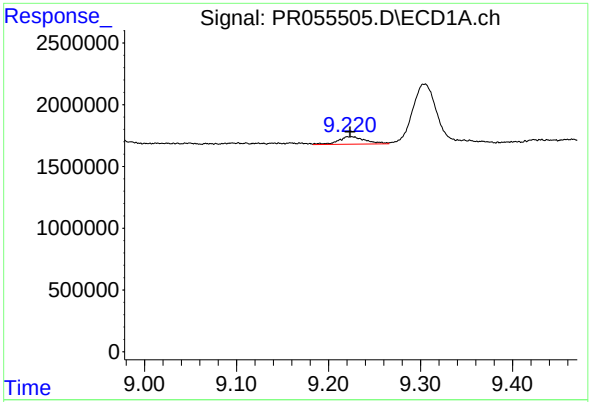
#44 AR-1268-4

R.T.: 8.841 min
Delta R.T.: 0.000 min
Response: 1270840
Conc: 13.82 ng/ml



#44 AR-1268-4

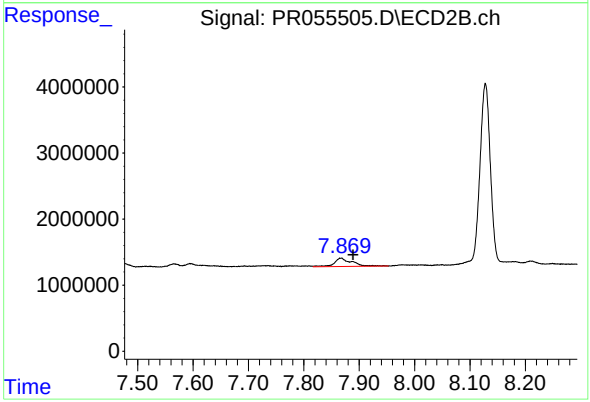
R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 1402450
Conc: 14.19 ng/ml



#45 AR-1268-5

R.T.: 9.225 min
Delta R.T.: 0.002 min
Response: 1252928
Conc: 1.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.867 min
Delta R.T.: -0.021 min
Response: 2782509
Conc: 3.99 ng/ml