

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR041524\
 Data File : PR066192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2024 17:14
 Operator : AJ\MA
 Sample : P2104-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 COAL7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 21:43:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032824CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 29 09:20:42 2024
 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...	3.664	2.921	108.2E6	116.3E6	12.382	13.166
2)	SA Decachlor...	9.554	8.170	75096512	115.1E6	28.952	27.771
Target Compounds							
3)	L1 AR-1016-1	4.882	4.032	731154	172706	3.039	0.582 #
4)	L1 AR-1016-2	4.882	4.032	731154	172706	2.003	0.412 #
5)	L1 AR-1016-3	4.999	4.234	974723	668748	4.171	2.900 #
6)	L1 AR-1016-4	5.073	4.282	1744216	7221807	9.301	40.425 #
7)	L1 AR-1016-5	5.390	4.499	3260078	4981433	17.176	20.626
8)	L2 AR-1221-1	3.870	3.143	501519	81235	5.480	0.848 #
9)	L2 AR-1221-2	3.974	3.222	1519467	1971420	24.364	28.724
10)	L2 AR-1221-3	4.072	3.309	406637	417448	1.970	1.851
11)	L3 AR-1232-1	4.072	3.309	406637	417448	2.331	2.171
12)	L3 AR-1232-2	4.598	4.032	2090234	172706	22.020	0.918 #
13)	L3 AR-1232-3	4.922	4.234	786266	668748	4.880	6.562 #
14)	L3 AR-1232-4	5.073	4.322	1744216	2353222	21.303	26.561
15)	L3 AR-1232-5	5.177	4.499	7083025	4981433	115.003	49.785 #
16)	L4 AR-1242-1	4.882	4.032	731154	172706	3.939	0.722 #
17)	L4 AR-1242-2	4.882	4.032	731154	172706	2.644	0.524 #
18)	L4 AR-1242-3	4.999	4.234	974723	668748	5.456	3.659 #
19)	L4 AR-1242-4	5.073	4.322	1744216	2353222	12.207	13.458
20)	L4 AR-1242-5	5.867	4.868	10849185	52492255	80.349	241.949 #
21)	L5 AR-1248-1	4.882	4.032	731154	172706	5.184	0.947 #
22)	L5 AR-1248-2	5.177	4.282	7083025	7221807	33.431	28.469
23)	L5 AR-1248-3	5.390	4.322	3260078	2353222	13.403	9.086 #
24)	L5 AR-1248-4	5.822	4.499	4525583	4981433	19.419	15.796
25)	L5 AR-1248-5	5.867	4.910	10849185	2905901	46.112	9.761 #
26)	L6 AR-1254-1	5.793	4.868	40059168	52492255	149.916	114.010
27)	L6 AR-1254-2	6.030	5.027	50450879	44168948	128.056	108.562
28)	L6 AR-1254-3	6.421	5.448	63973188	99655816	167.238	153.533
29)	L6 AR-1254-4	6.731	5.694	29768788	39438614	127.318	104.109
30)	L6 AR-1254-5	7.185	6.138	63273175	135.1E6	248.290	238.846
31)	L7 AR-1260-1	6.601	5.589	35455407	66250214	102.546	136.474 #
32)	L7 AR-1260-2	6.881	5.793	42639846	69453912	117.007	120.877
33)	L7 AR-1260-3	7.271	5.948	5041531	52648409	18.911	104.005 #
34)	L7 AR-1260-4	7.493	6.457	29215528	9064874	106.554	19.445 #
35)	L7 AR-1260-5	7.849	6.721	16914854	23596447	36.240	24.528 #
36)	L8 AR-1262-1	7.271	6.210	5041531	8536891	15.427	14.229
37)	L8 AR-1262-2	7.849	6.721	16914854	23596447	38.523	26.421 #
38)	L8 AR-1262-3	8.162	7.091	12653434	23539303	39.608	36.396
39)	L8 AR-1262-4	8.239	7.091	2670657	23539303	10.628	36.396 #
40)	L8 AR-1262-5	8.862	7.631	2811638	5253985	18.790	17.395
41)	L9 AR-1268-1	8.162	7.028	12653434	6797047	20.998	5.536 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR041524\
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Acq On : 15 Apr 2024 17:14
Operator : AJ\MA
Sample : P2104-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

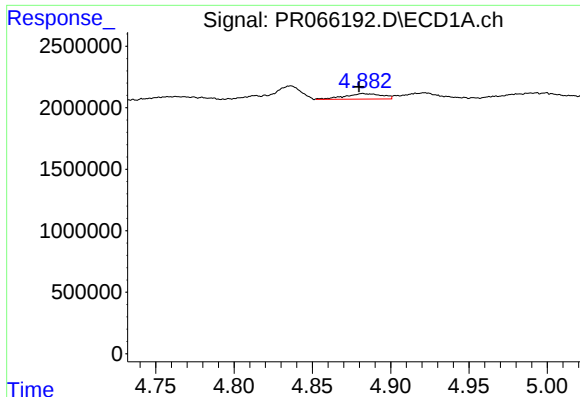
Instrument :
ECD_R
ClientSampleId :
C0AL7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 21:43:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032824CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Mar 29 09:20:42 2024
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	8.239	7.091	2670657	23539303	4.949	21.147 #
43)	L9 AR-1268-3	8.474	7.308	-1418108	8551016	N.D.	8.567 #
44)	L9 AR-1268-4	8.862	7.631	2811638	5253985	16.052	13.808
45)	L9 AR-1268-5	9.243	7.925	4274988	5926271	3.046	2.228 #

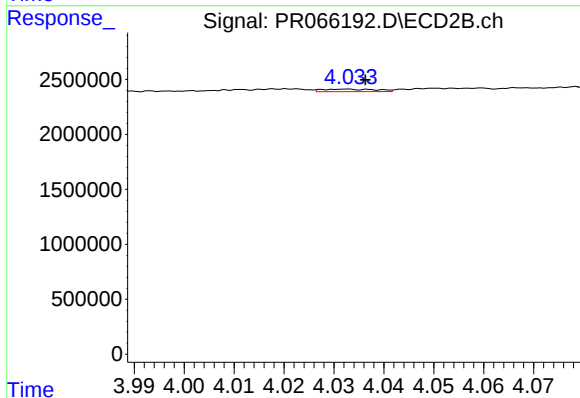
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

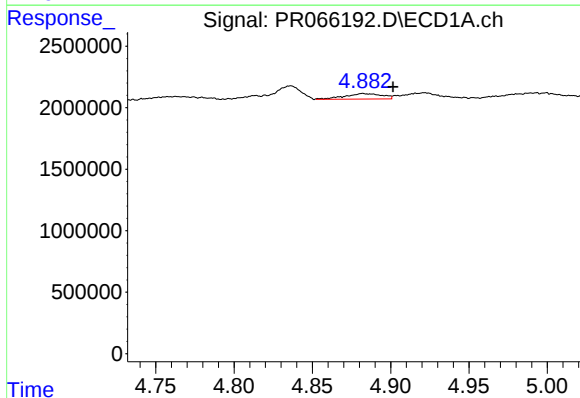
R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 731154
Conc: 3.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



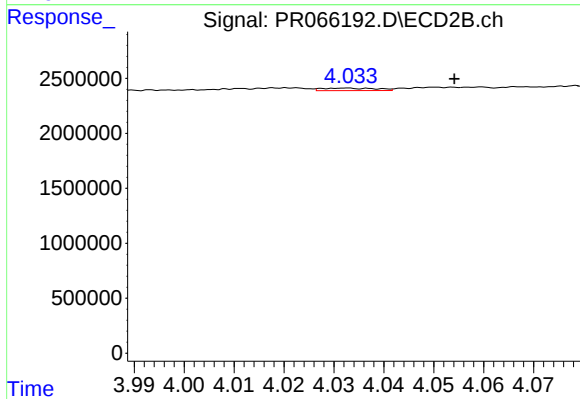
#3 AR-1016-1

R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 172706
Conc: 0.58 ng/ml



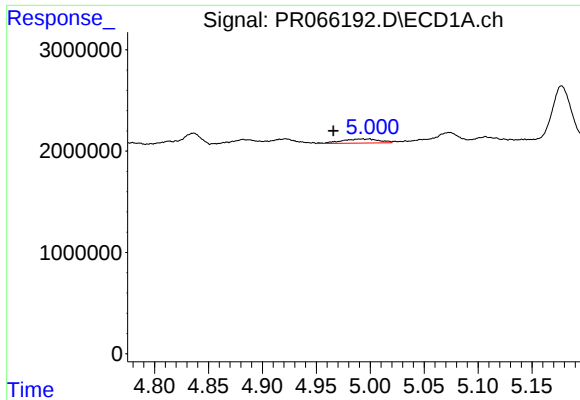
#4 AR-1016-2

R.T.: 4.882 min
Delta R.T.: -0.019 min
Response: 731154
Conc: 2.00 ng/ml



#4 AR-1016-2

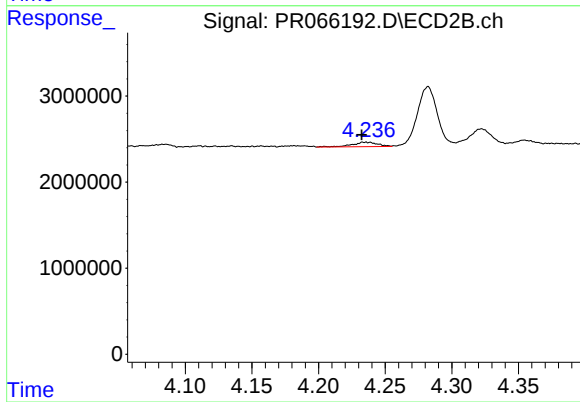
R.T.: 4.032 min
Delta R.T.: -0.022 min
Response: 172706
Conc: 0.41 ng/ml



#5 AR-1016-3

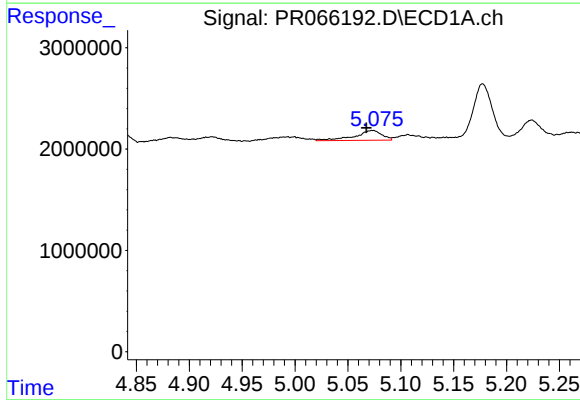
R.T.: 4.999 min
Delta R.T.: 0.033 min
Response: 974723
Conc: 4.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



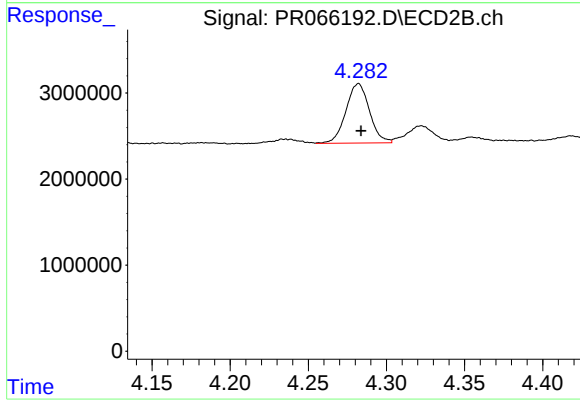
#5 AR-1016-3

R.T.: 4.234 min
Delta R.T.: 0.002 min
Response: 668748
Conc: 2.90 ng/ml



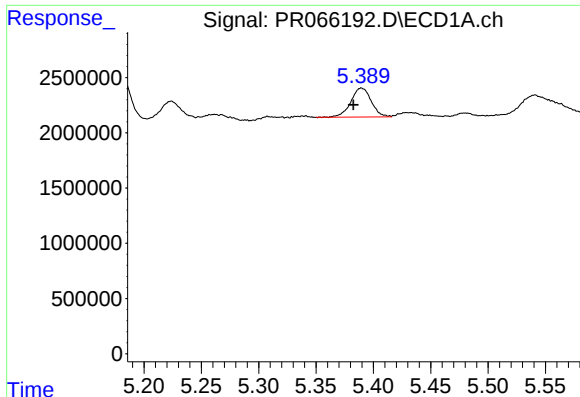
#6 AR-1016-4

R.T.: 5.073 min
Delta R.T.: 0.006 min
Response: 1744216
Conc: 9.30 ng/ml



#6 AR-1016-4

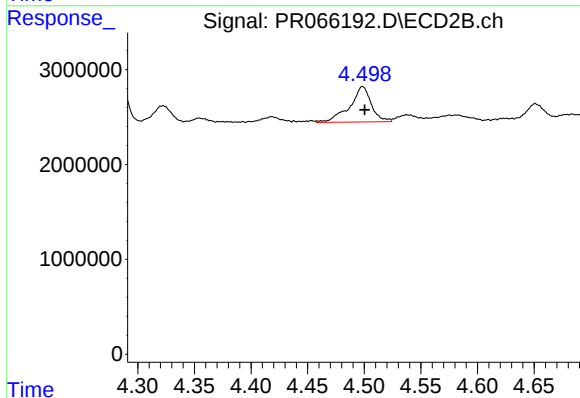
R.T.: 4.282 min
Delta R.T.: -0.002 min
Response: 7221807
Conc: 40.43 ng/ml



#7 AR-1016-5

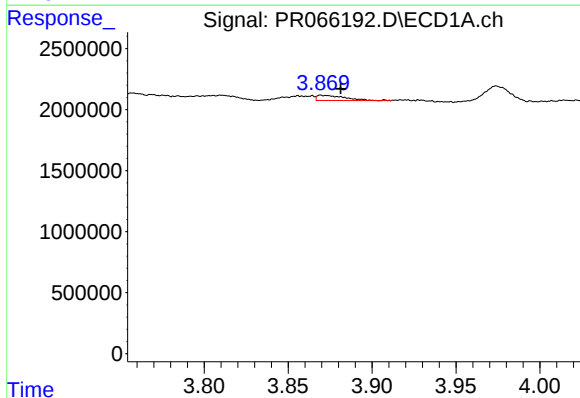
R.T.: 5.390 min
Delta R.T.: 0.007 min
Response: 3260078
Conc: 17.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



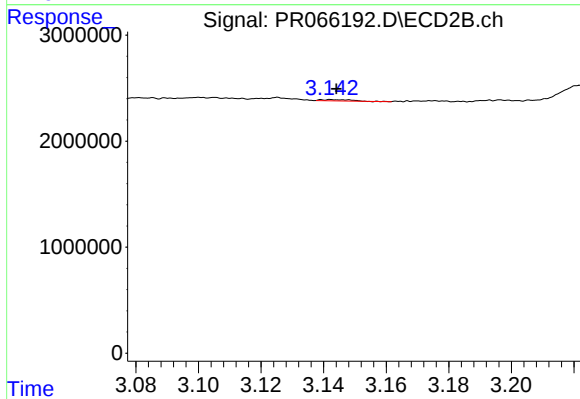
#7 AR-1016-5

R.T.: 4.499 min
Delta R.T.: -0.002 min
Response: 4981433
Conc: 20.63 ng/ml



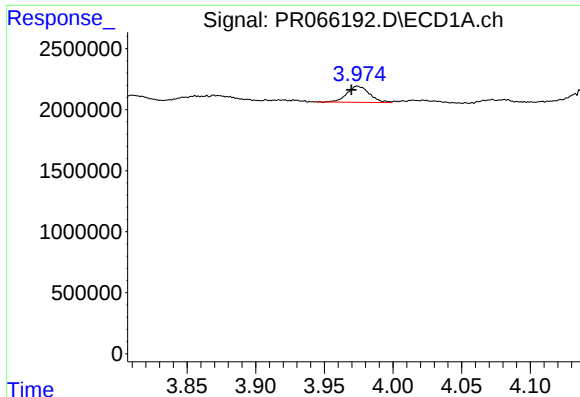
#8 AR-1221-1

R.T.: 3.870 min
Delta R.T.: -0.011 min
Response: 501519
Conc: 5.48 ng/ml



#8 AR-1221-1

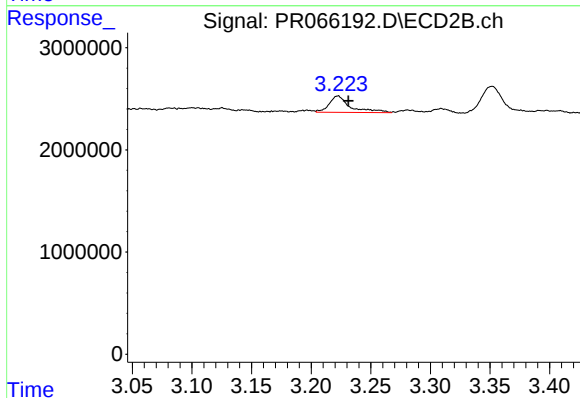
R.T.: 3.143 min
Delta R.T.: -0.001 min
Response: 81235
Conc: 0.85 ng/ml



#9 AR-1221-2

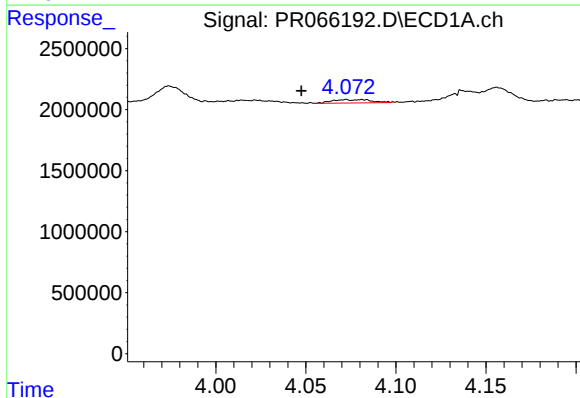
R.T.: 3.974 min
Delta R.T.: 0.004 min
Response: 1519467
Conc: 24.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



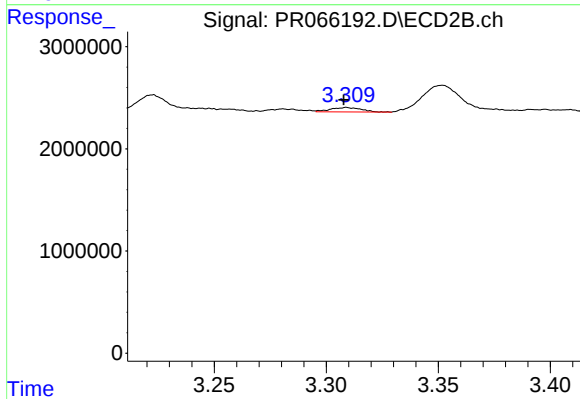
#9 AR-1221-2

R.T.: 3.222 min
Delta R.T.: -0.009 min
Response: 1971420
Conc: 28.72 ng/ml



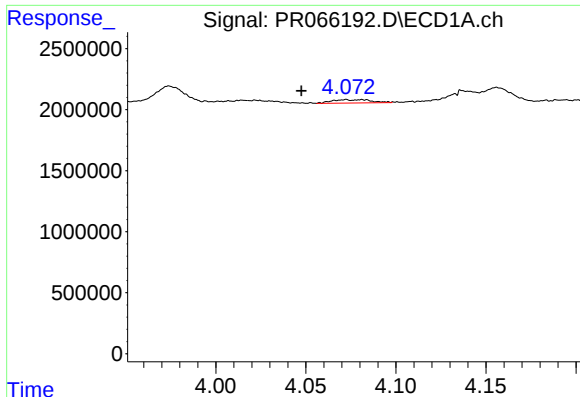
#10 AR-1221-3

R.T.: 4.072 min
Delta R.T.: 0.025 min
Response: 406637
Conc: 1.97 ng/ml



#10 AR-1221-3

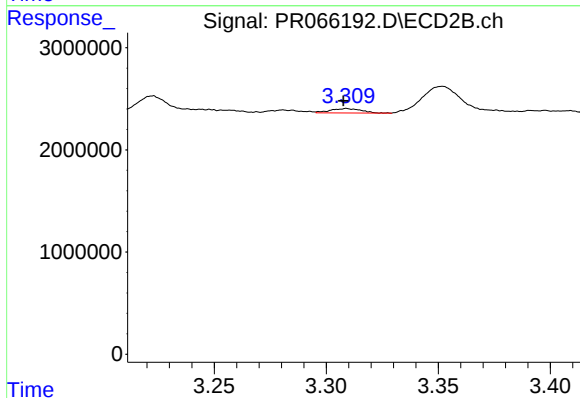
R.T.: 3.309 min
Delta R.T.: 0.001 min
Response: 417448
Conc: 1.85 ng/ml



#11 AR-1232-1

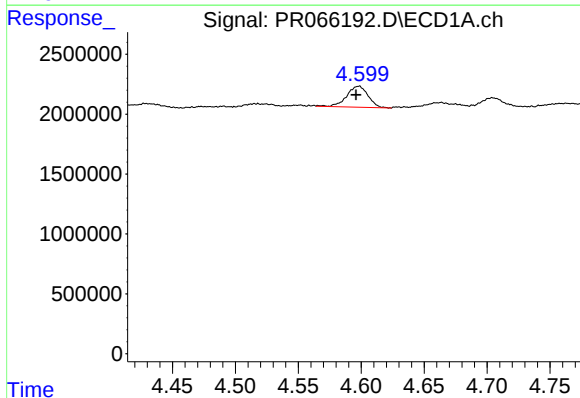
R.T.: 4.072 min
Delta R.T.: 0.025 min
Response: 406637
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



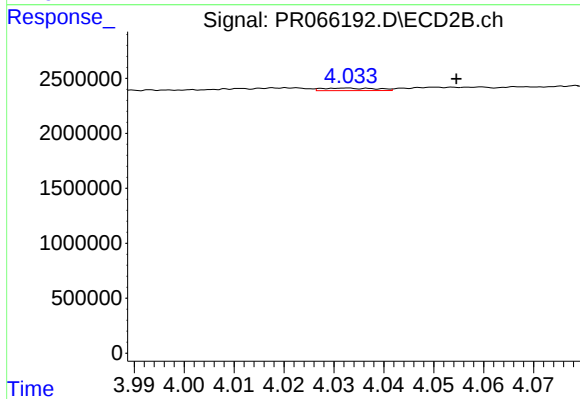
#11 AR-1232-1

R.T.: 3.309 min
Delta R.T.: 0.002 min
Response: 417448
Conc: 2.17 ng/ml



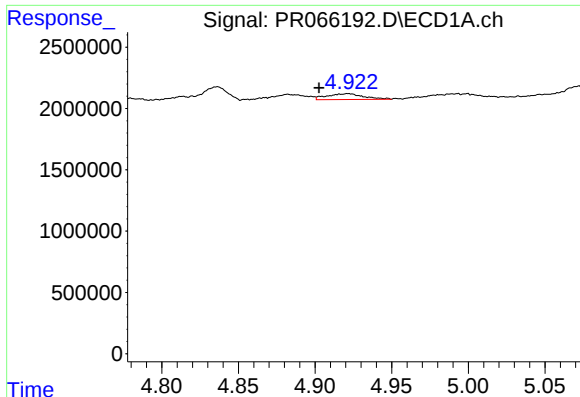
#12 AR-1232-2

R.T.: 4.598 min
Delta R.T.: 0.002 min
Response: 2090234
Conc: 22.02 ng/ml



#12 AR-1232-2

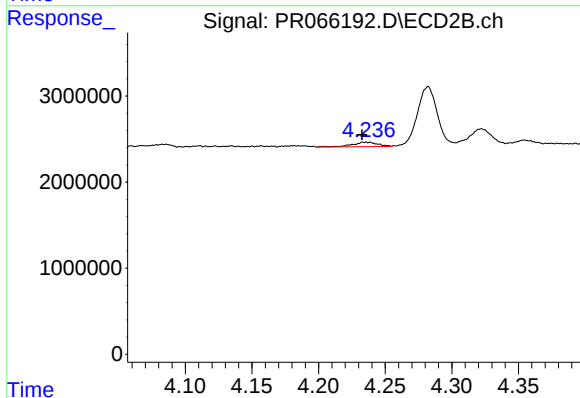
R.T.: 4.032 min
Delta R.T.: -0.022 min
Response: 172706
Conc: 0.92 ng/ml



#13 AR-1232-3

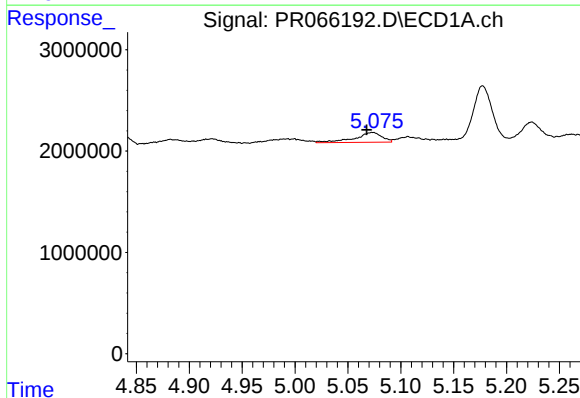
R.T.: 4.922 min
Delta R.T.: 0.019 min
Response: 786266
Conc: 4.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



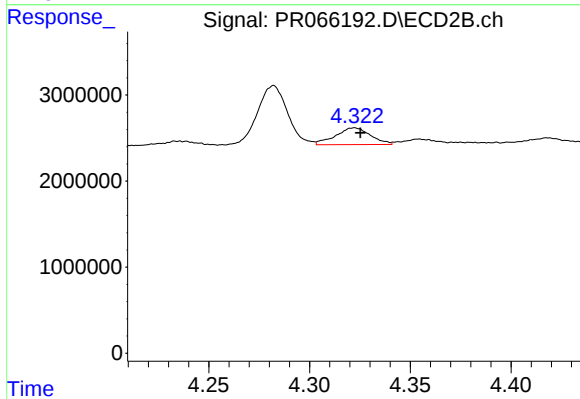
#13 AR-1232-3

R.T.: 4.234 min
Delta R.T.: 0.002 min
Response: 668748
Conc: 6.56 ng/ml



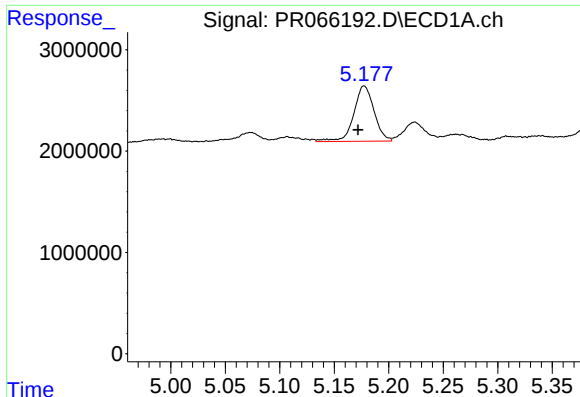
#14 AR-1232-4

R.T.: 5.073 min
Delta R.T.: 0.006 min
Response: 1744216
Conc: 21.30 ng/ml



#14 AR-1232-4

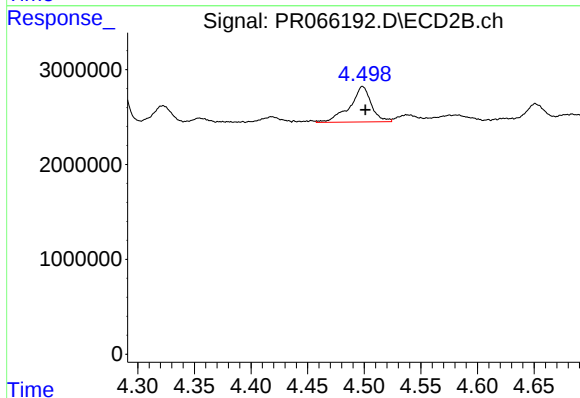
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 2353222
Conc: 26.56 ng/ml



#15 AR-1232-5

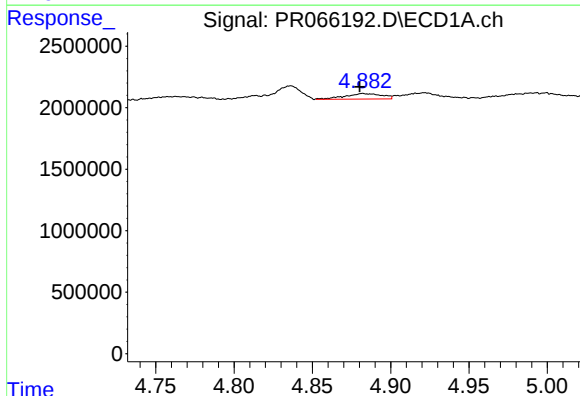
R.T.: 5.177 min
Delta R.T.: 0.005 min
Response: 7083025
Conc: 115.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



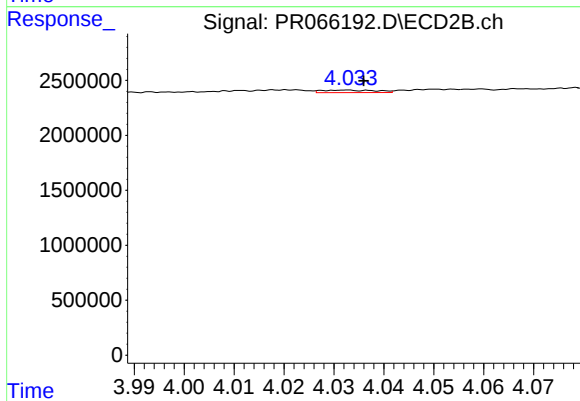
#15 AR-1232-5

R.T.: 4.499 min
Delta R.T.: -0.002 min
Response: 4981433
Conc: 49.78 ng/ml



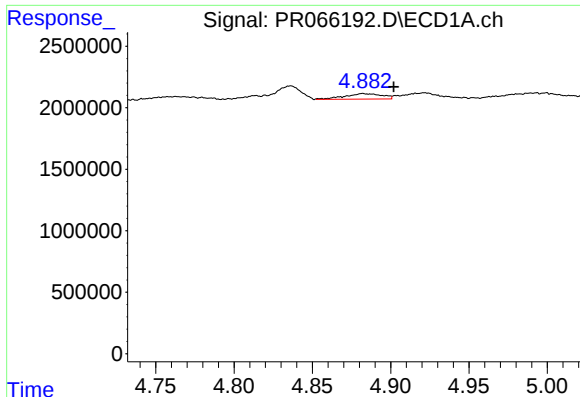
#16 AR-1242-1

R.T.: 4.882 min
Delta R.T.: 0.002 min
Response: 731154
Conc: 3.94 ng/ml



#16 AR-1242-1

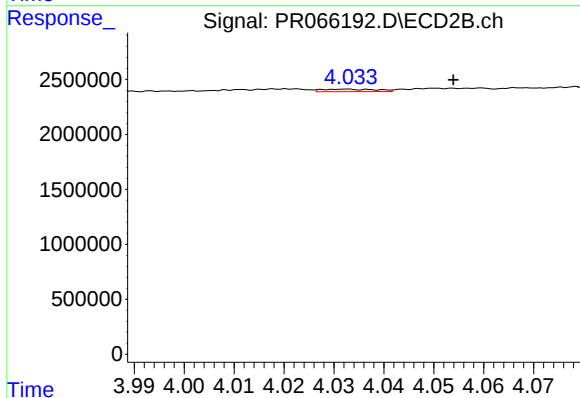
R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 172706
Conc: 0.72 ng/ml



#17 AR-1242-2

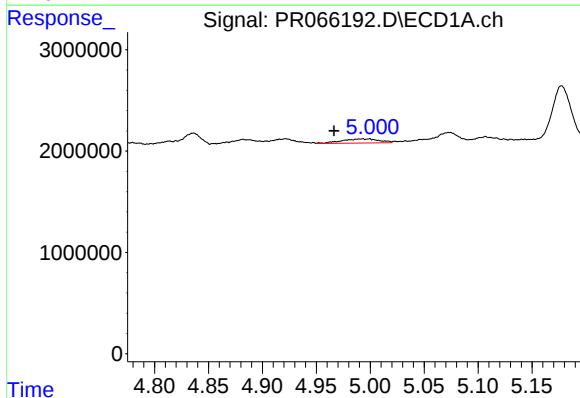
R.T.: 4.882 min
Delta R.T.: -0.020 min
Response: 731154
Conc: 2.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



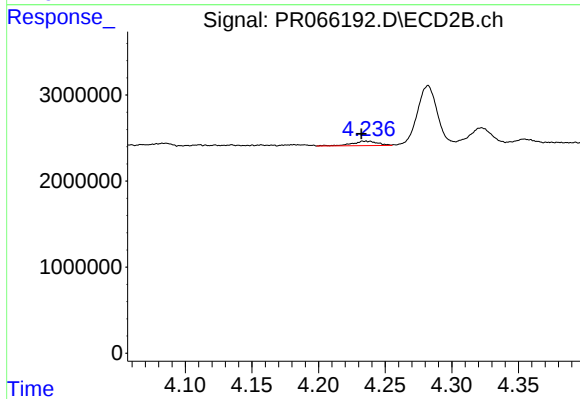
#17 AR-1242-2

R.T.: 4.032 min
Delta R.T.: -0.022 min
Response: 172706
Conc: 0.52 ng/ml



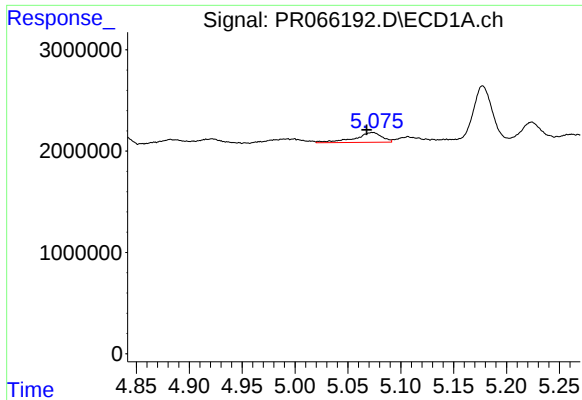
#18 AR-1242-3

R.T.: 4.999 min
Delta R.T.: 0.032 min
Response: 974723
Conc: 5.46 ng/ml



#18 AR-1242-3

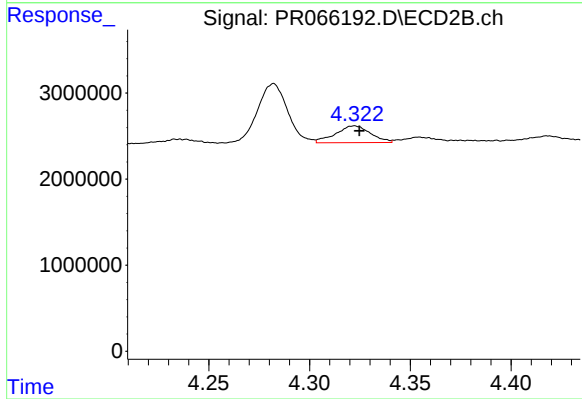
R.T.: 4.234 min
Delta R.T.: 0.002 min
Response: 668748
Conc: 3.66 ng/ml



#19 AR-1242-4

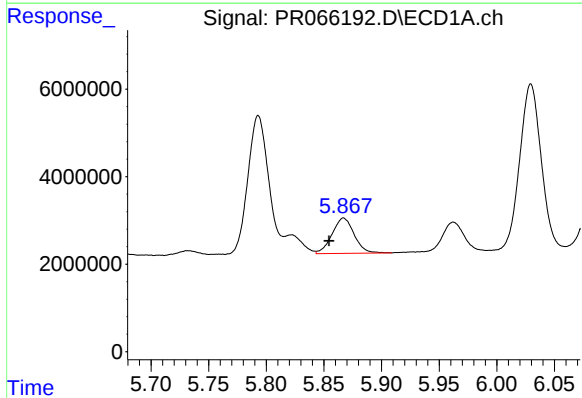
R.T.: 5.073 min
Delta R.T.: 0.005 min
Response: 1744216
Conc: 12.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



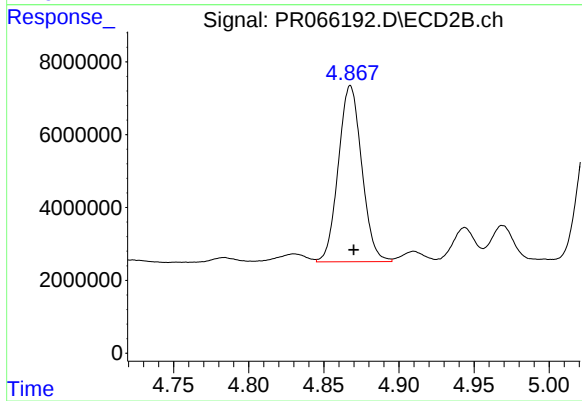
#19 AR-1242-4

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 2353222
Conc: 13.46 ng/ml



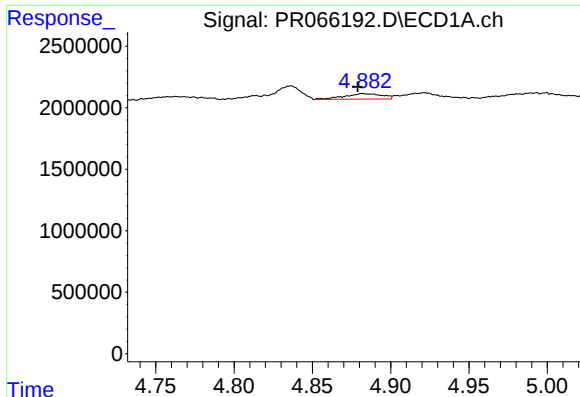
#20 AR-1242-5

R.T.: 5.867 min
Delta R.T.: 0.013 min
Response: 10849185
Conc: 80.35 ng/ml



#20 AR-1242-5

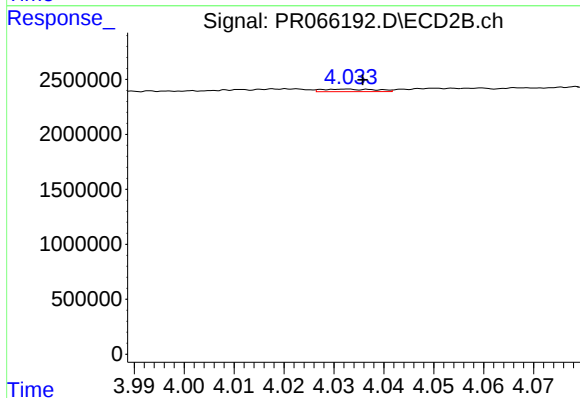
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 52492255
Conc: 241.95 ng/ml



#21 AR-1248-1

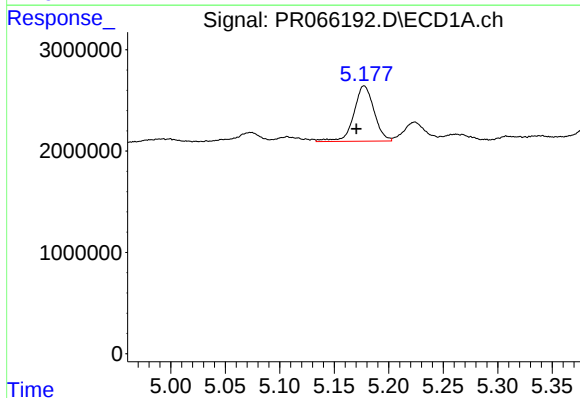
R.T.: 4.882 min
Delta R.T.: 0.003 min
Response: 731154
Conc: 5.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



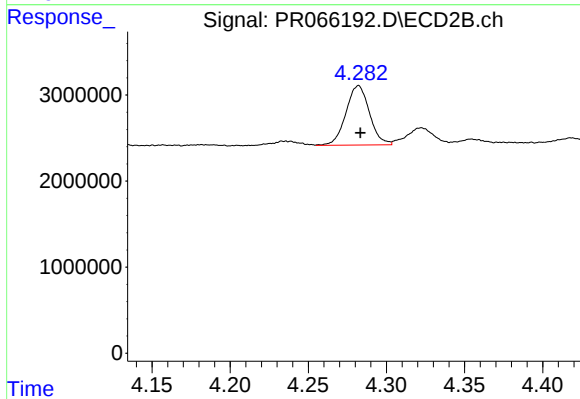
#21 AR-1248-1

R.T.: 4.032 min
Delta R.T.: -0.004 min
Response: 172706
Conc: 0.95 ng/ml



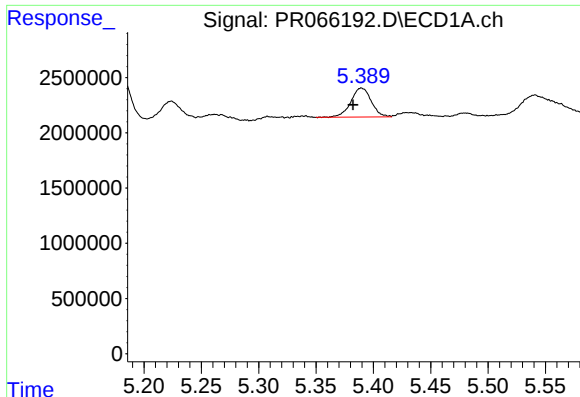
#22 AR-1248-2

R.T.: 5.177 min
Delta R.T.: 0.007 min
Response: 7083025
Conc: 33.43 ng/ml



#22 AR-1248-2

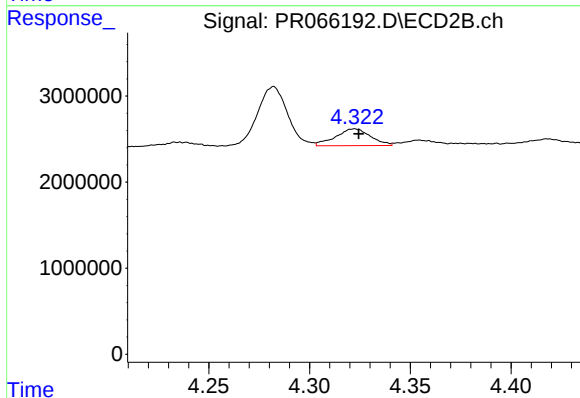
R.T.: 4.282 min
Delta R.T.: -0.001 min
Response: 7221807
Conc: 28.47 ng/ml



#23 AR-1248-3

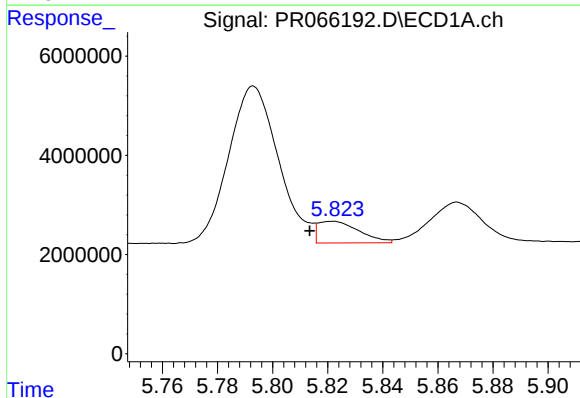
R.T.: 5.390 min
Delta R.T.: 0.007 min
Response: 3260078
Conc: 13.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



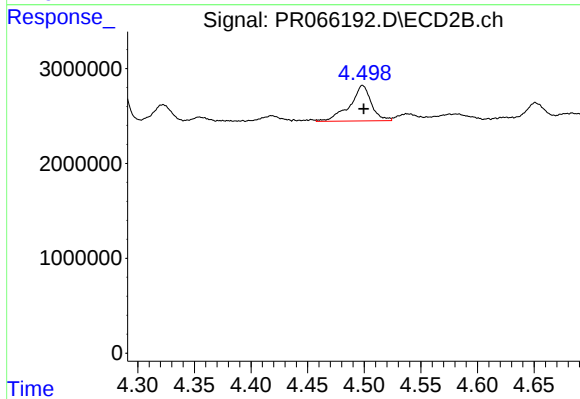
#23 AR-1248-3

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 2353222
Conc: 9.09 ng/ml



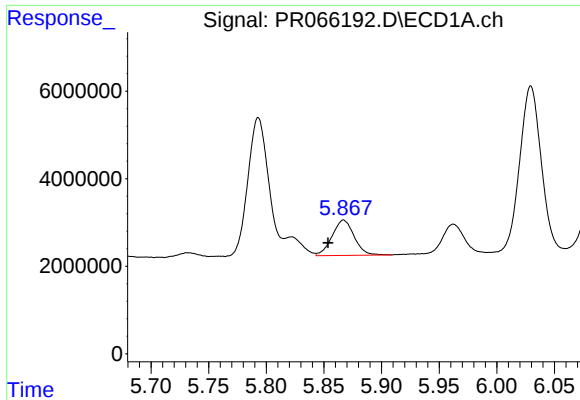
#24 AR-1248-4

R.T.: 5.822 min
Delta R.T.: 0.008 min
Response: 4525583
Conc: 19.42 ng/ml



#24 AR-1248-4

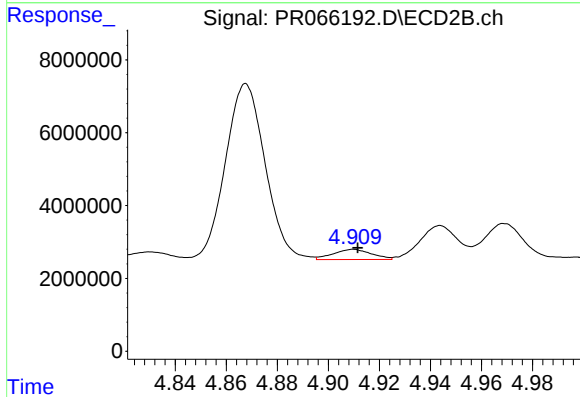
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 4981433
Conc: 15.80 ng/ml



#25 AR-1248-5

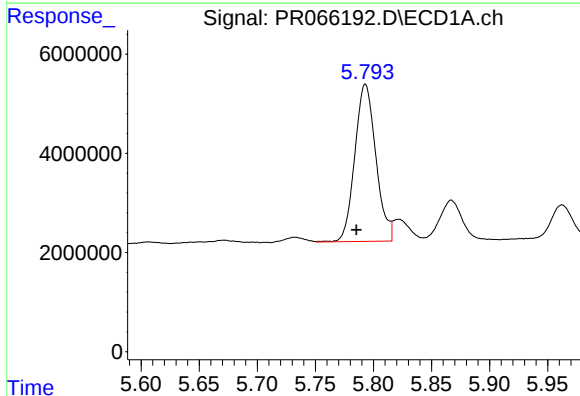
R.T.: 5.867 min
Delta R.T.: 0.013 min
Response: 10849185
Conc: 46.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



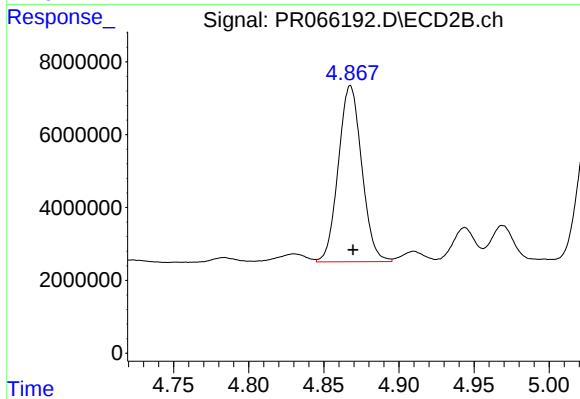
#25 AR-1248-5

R.T.: 4.910 min
Delta R.T.: -0.002 min
Response: 2905901
Conc: 9.76 ng/ml



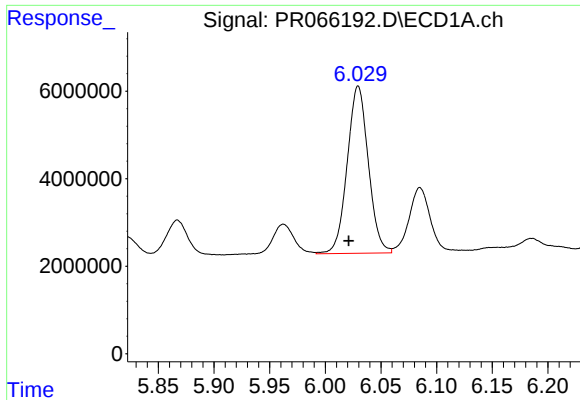
#26 AR-1254-1

R.T.: 5.793 min
Delta R.T.: 0.008 min
Response: 40059168
Conc: 149.92 ng/ml



#26 AR-1254-1

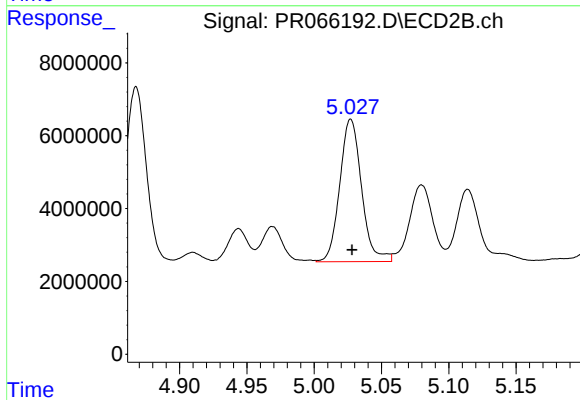
R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 52492255
Conc: 114.01 ng/ml



#27 AR-1254-2

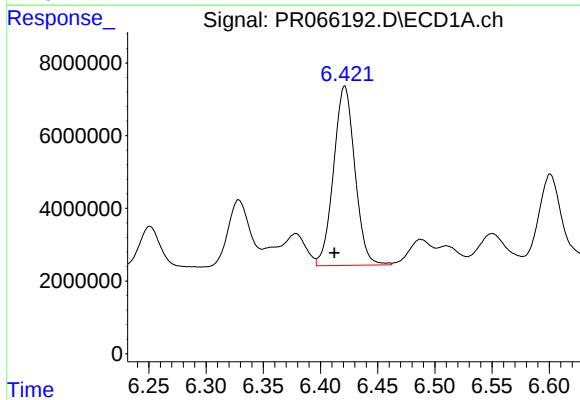
R.T.: 6.030 min
Delta R.T.: 0.009 min
Response: 50450879
Conc: 128.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



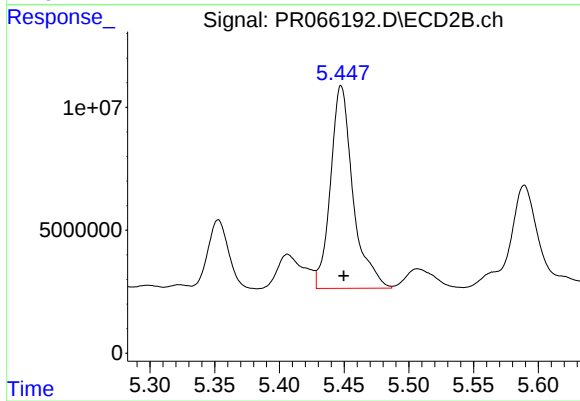
#27 AR-1254-2

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 44168948
Conc: 108.56 ng/ml



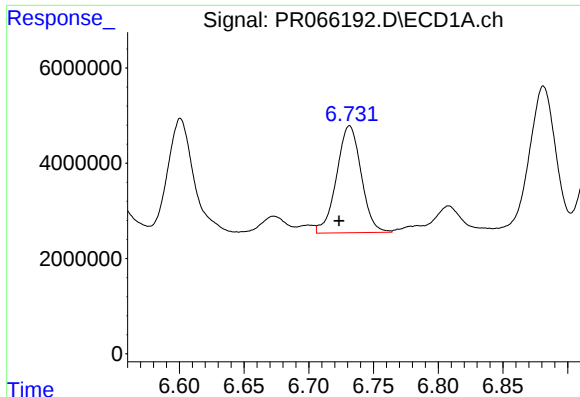
#28 AR-1254-3

R.T.: 6.421 min
Delta R.T.: 0.009 min
Response: 63973188
Conc: 167.24 ng/ml



#28 AR-1254-3

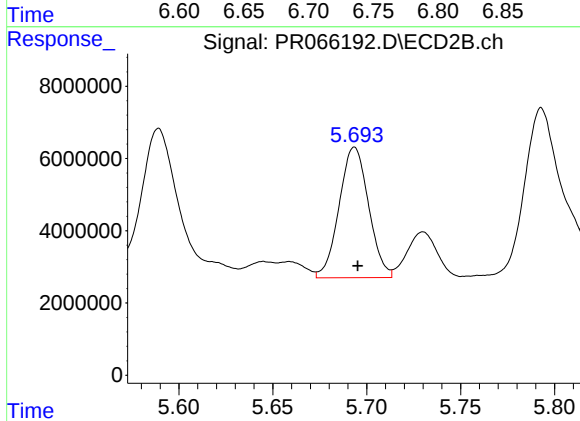
R.T.: 5.448 min
Delta R.T.: -0.002 min
Response: 99655816
Conc: 153.53 ng/ml



#29 AR-1254-4

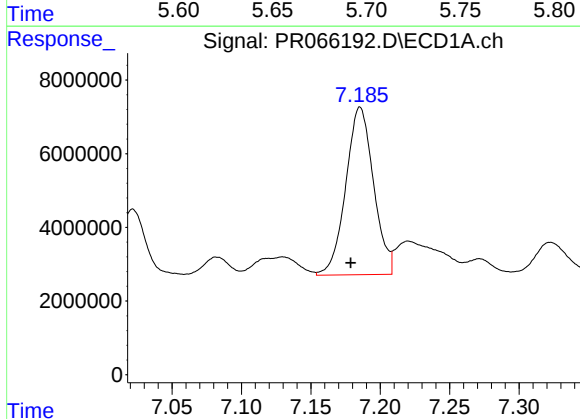
R.T.: 6.731 min
Delta R.T.: 0.008 min
Response: 29768788
Conc: 127.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



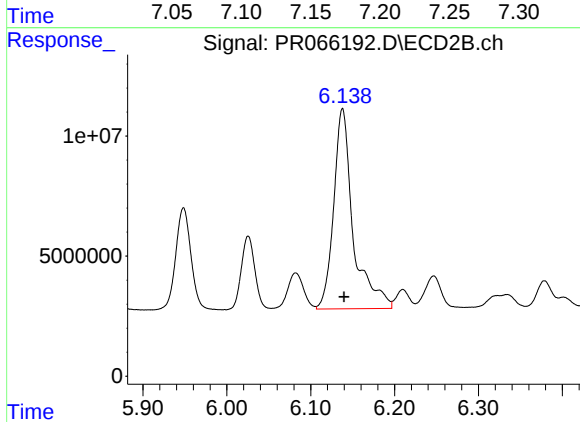
#29 AR-1254-4

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 39438614
Conc: 104.11 ng/ml



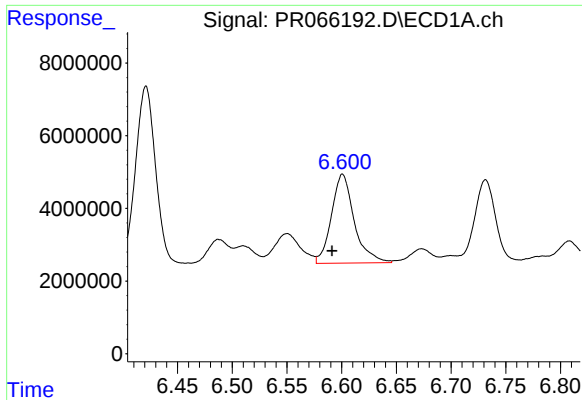
#30 AR-1254-5

R.T.: 7.185 min
Delta R.T.: 0.007 min
Response: 63273175
Conc: 248.29 ng/ml



#30 AR-1254-5

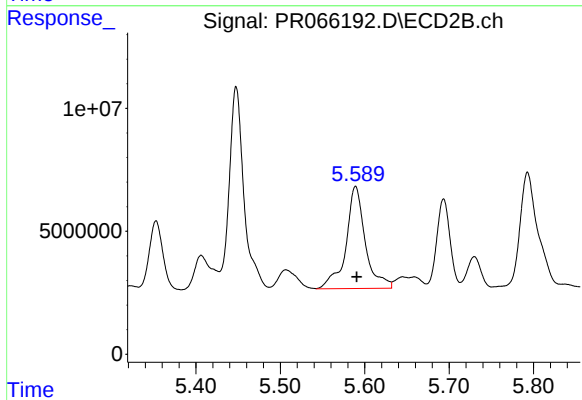
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 135092475
Conc: 238.85 ng/ml



#31 AR-1260-1

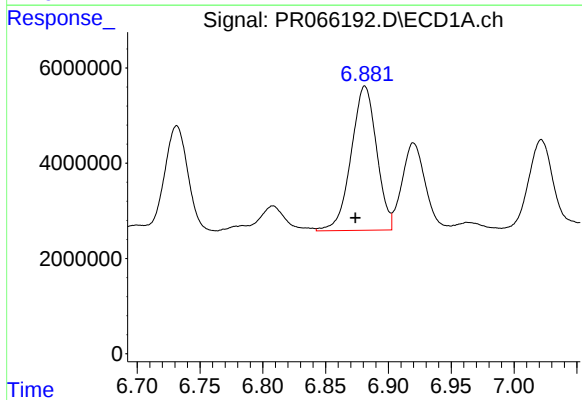
R.T.: 6.601 min
Delta R.T.: 0.010 min
Response: 35455407
Conc: 102.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



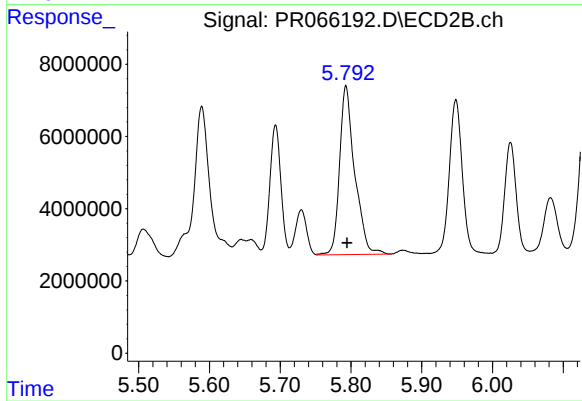
#31 AR-1260-1

R.T.: 5.589 min
Delta R.T.: -0.001 min
Response: 66250214
Conc: 136.47 ng/ml



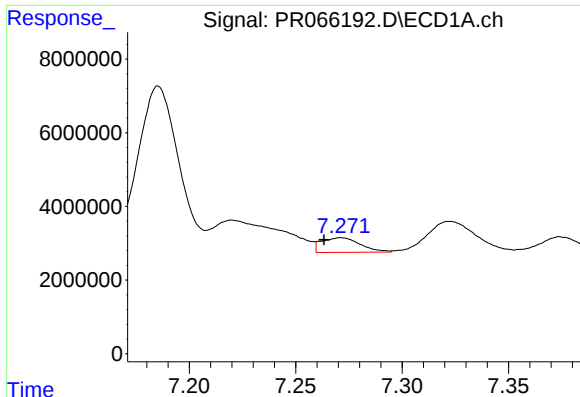
#32 AR-1260-2

R.T.: 6.881 min
Delta R.T.: 0.008 min
Response: 42639846
Conc: 117.01 ng/ml



#32 AR-1260-2

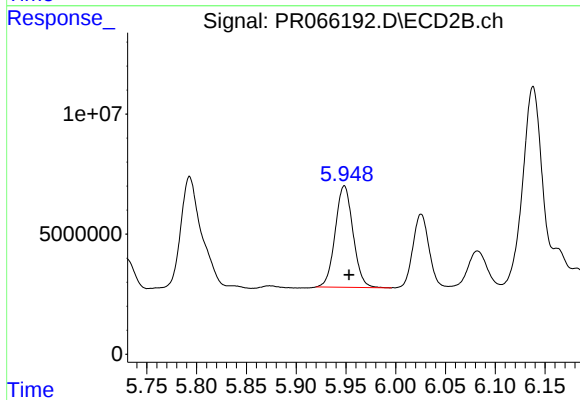
R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 69453912
Conc: 120.88 ng/ml



#33 AR-1260-3

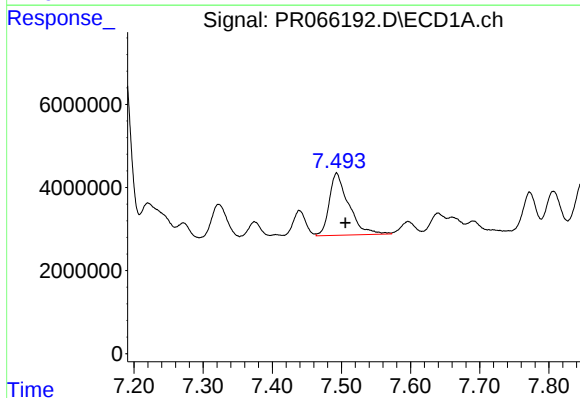
R.T.: 7.271 min
Delta R.T.: 0.008 min
Response: 5041531
Conc: 18.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



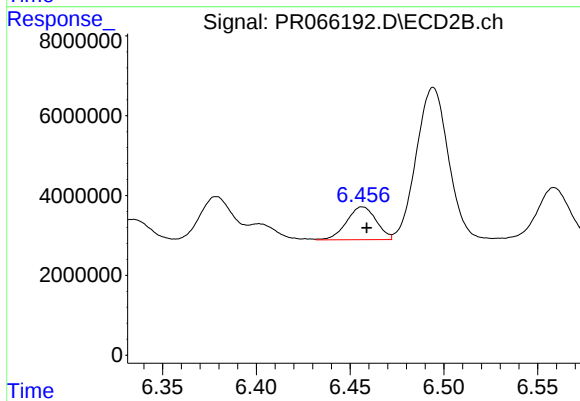
#33 AR-1260-3

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 52648409
Conc: 104.00 ng/ml



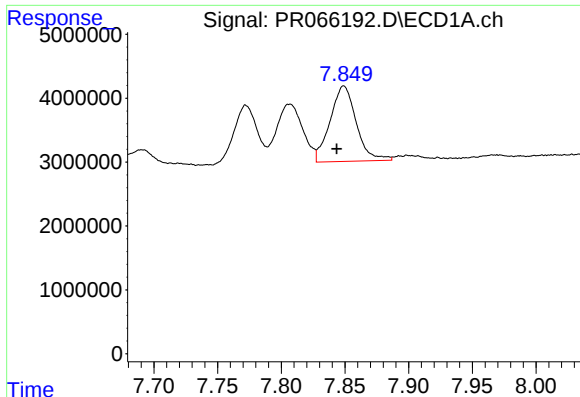
#34 AR-1260-4

R.T.: 7.493 min
Delta R.T.: -0.013 min
Response: 29215528
Conc: 106.55 ng/ml



#34 AR-1260-4

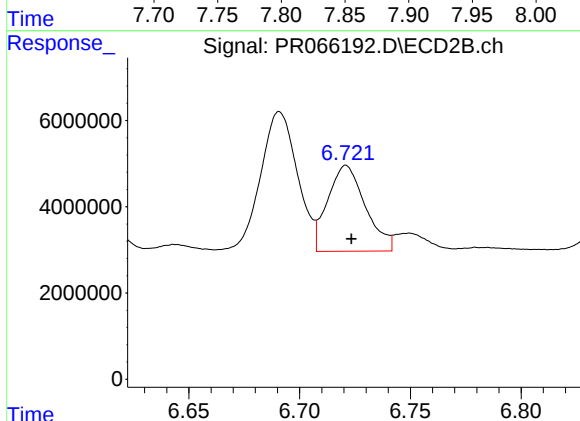
R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 9064874
Conc: 19.45 ng/ml



#35 AR-1260-5

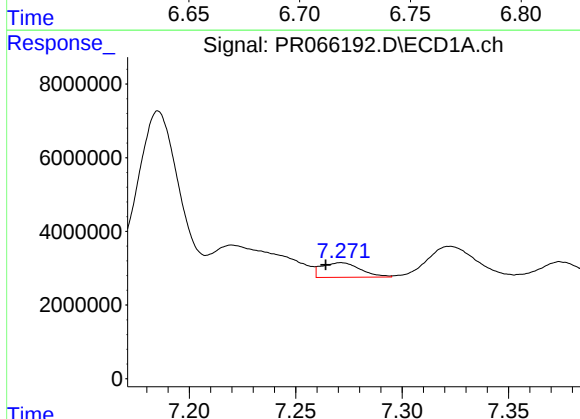
R.T.: 7.849 min
Delta R.T.: 0.006 min
Response: 16914854
Conc: 36.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



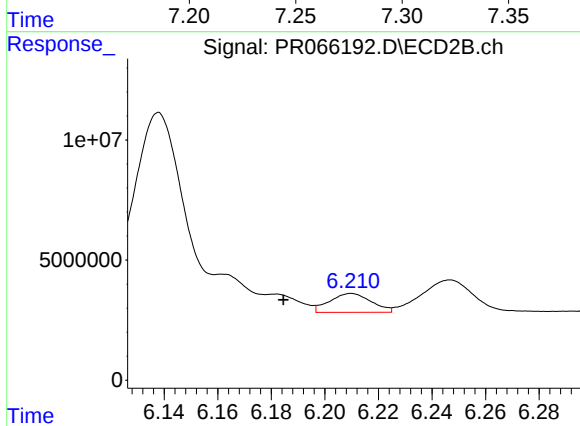
#35 AR-1260-5

R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 23596447
Conc: 24.53 ng/ml



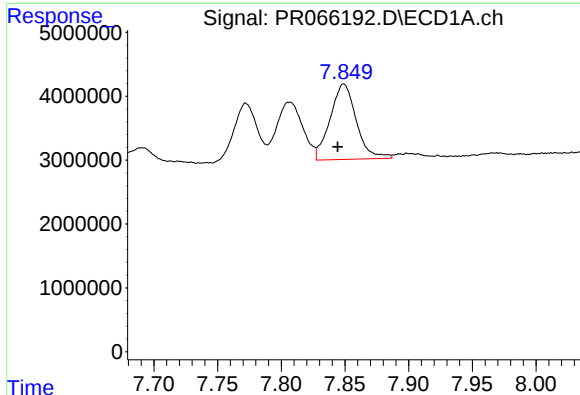
#36 AR-1262-1

R.T.: 7.271 min
Delta R.T.: 0.007 min
Response: 5041531
Conc: 15.43 ng/ml



#36 AR-1262-1

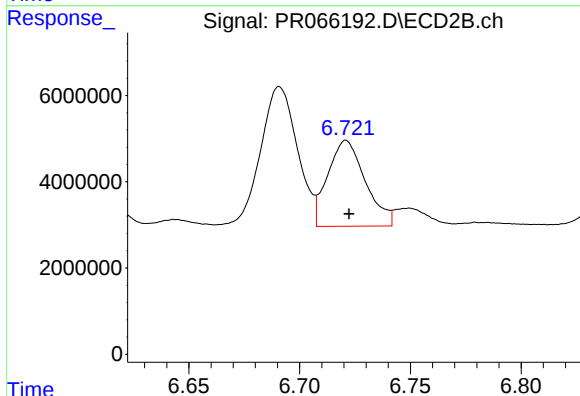
R.T.: 6.210 min
Delta R.T.: 0.025 min
Response: 8536891
Conc: 14.23 ng/ml



#37 AR-1262-2

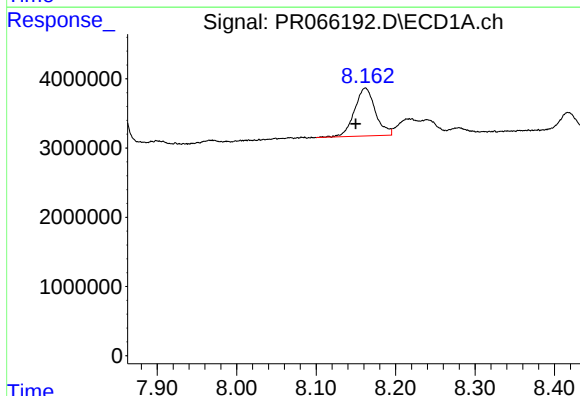
R.T.: 7.849 min
Delta R.T.: 0.005 min
Response: 16914854
Conc: 38.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



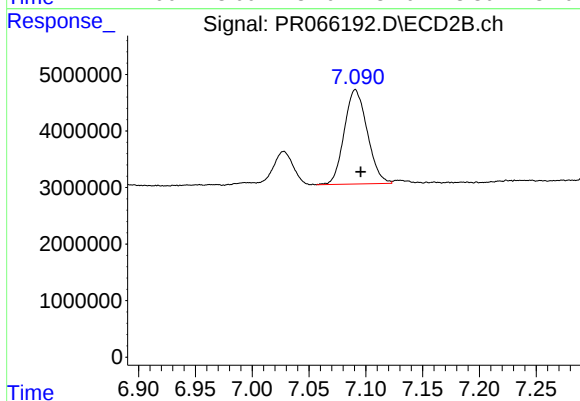
#37 AR-1262-2

R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 23596447
Conc: 26.42 ng/ml



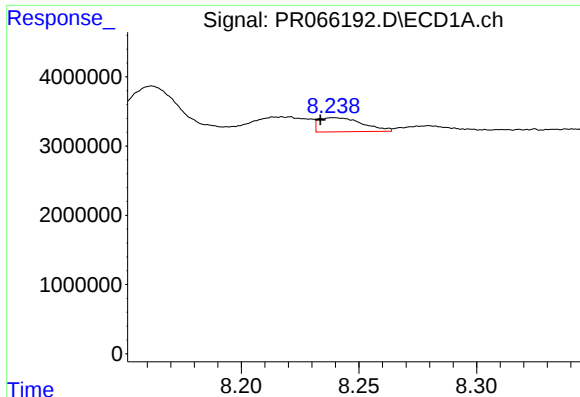
#38 AR-1262-3

R.T.: 8.162 min
Delta R.T.: 0.012 min
Response: 12653434
Conc: 39.61 ng/ml



#38 AR-1262-3

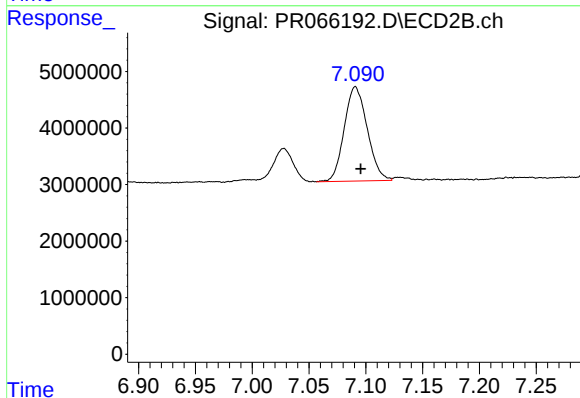
R.T.: 7.091 min
Delta R.T.: -0.005 min
Response: 23539303
Conc: 36.40 ng/ml



#39 AR-1262-4

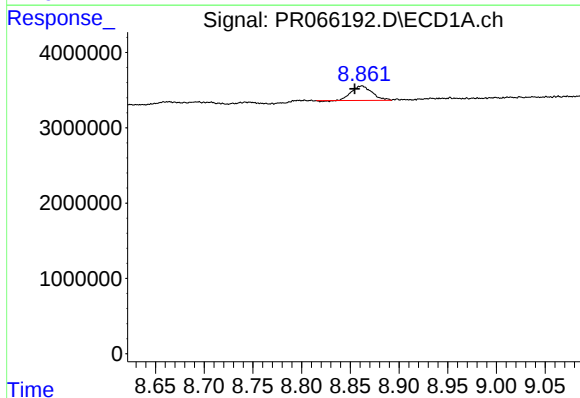
R.T.: 8.239 min
Delta R.T.: 0.006 min
Response: 2670657
Conc: 10.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



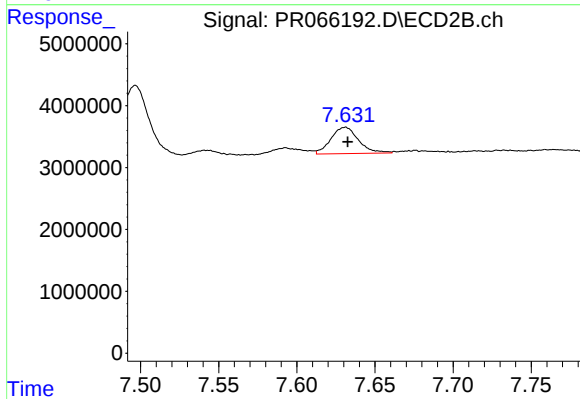
#39 AR-1262-4

R.T.: 7.091 min
Delta R.T.: -0.005 min
Response: 23539303
Conc: 36.40 ng/ml



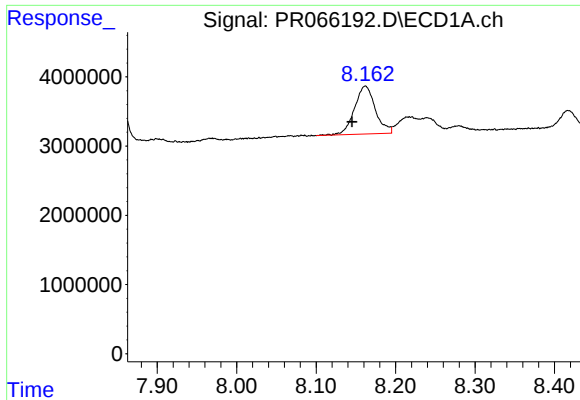
#40 AR-1262-5

R.T.: 8.862 min
Delta R.T.: 0.007 min
Response: 2811638
Conc: 18.79 ng/ml



#40 AR-1262-5

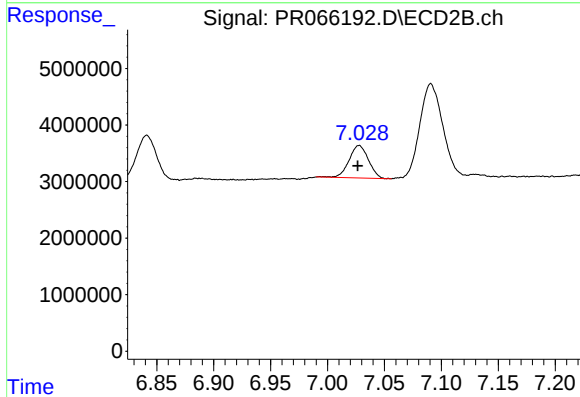
R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 5253985
Conc: 17.40 ng/ml



#41 AR-1268-1

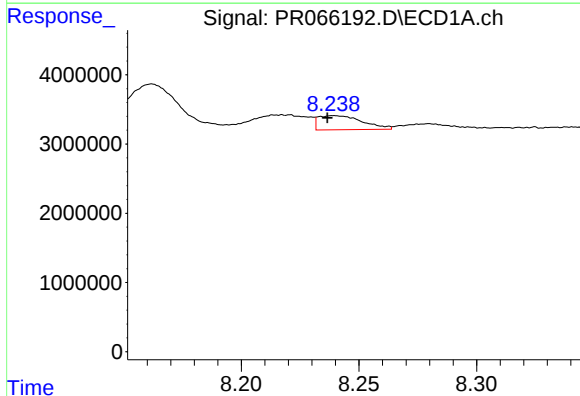
R.T.: 8.162 min
Delta R.T.: 0.017 min
Response: 12653434
Conc: 21.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



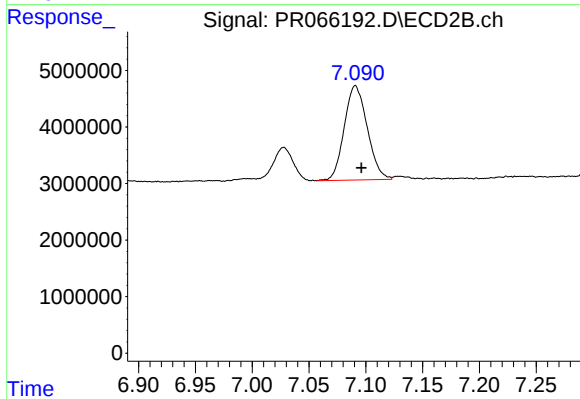
#41 AR-1268-1

R.T.: 7.028 min
Delta R.T.: 0.001 min
Response: 6797047
Conc: 5.54 ng/ml



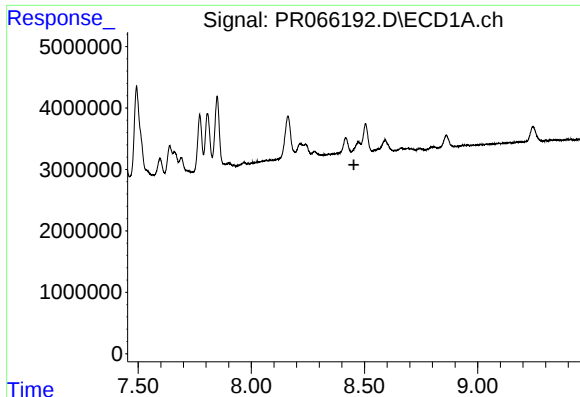
#42 AR-1268-2

R.T.: 8.239 min
Delta R.T.: 0.003 min
Response: 2670657
Conc: 4.95 ng/ml



#42 AR-1268-2

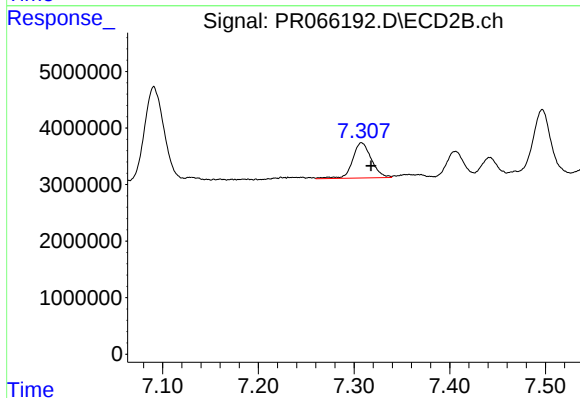
R.T.: 7.091 min
Delta R.T.: -0.005 min
Response: 23539303
Conc: 21.15 ng/ml



#43 AR-1268-3

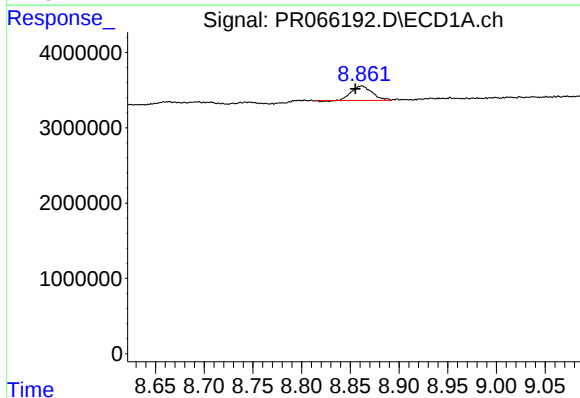
R.T.: 8.474 min
Delta R.T.: 0.021 min
Response: -1418108
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AL7



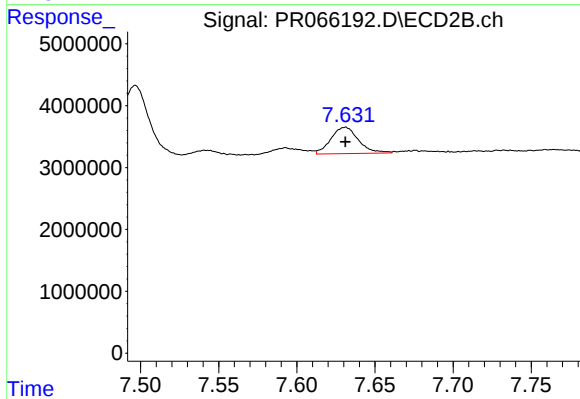
#43 AR-1268-3

R.T.: 7.308 min
Delta R.T.: -0.010 min
Response: 8551016
Conc: 8.57 ng/ml



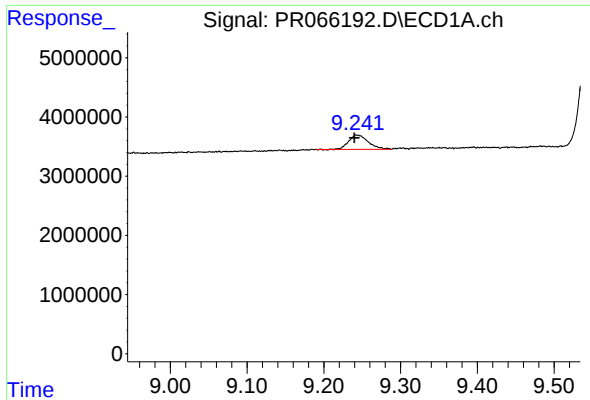
#44 AR-1268-4

R.T.: 8.862 min
Delta R.T.: 0.007 min
Response: 2811638
Conc: 16.05 ng/ml



#44 AR-1268-4

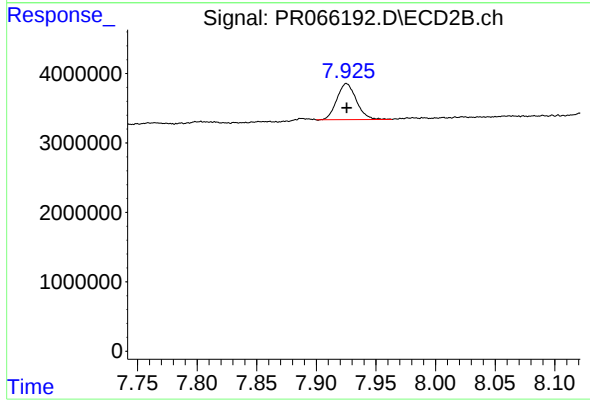
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 5253985
Conc: 13.81 ng/ml



#45 AR-1268-5

R.T.: 9.243 min
Delta R.T.: 0.003 min
Response: 4274988
Conc: 3.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AL7



#45 AR-1268-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 5926271
Conc: 2.23 ng/ml