

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030321\
 Data File : PR049553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2021 20:01
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 03:41:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 02 08:11:13 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.664	3.849	136.1E6	163.5E6	51.329	51.960
2)	SA Decachlor...	10.547	8.903	124.7E6	455.3E6	43.891	50.149
Target Compounds							
3)	L1 AR-1016-1	5.839	4.933	1958494	472799	19.408	7.886 #
4)	L1 AR-1016-2	5.864	4.954	2127951	548548	14.665	3.905 #
5)	L1 AR-1016-3	5.925	5.127	890463	451948	10.053	5.623 #
6)	L1 AR-1016-4	6.023	5.167	1084753	17395753	15.166	481.922 #
7)	L1 AR-1016-5	6.318	5.383	16115520	11313214	230.375	199.359
9)	L2 AR-1221-2	4.975f	4.150	1759519	2871740	75.499	111.604 #
10)	L2 AR-1221-3	5.038	4.223	638796	219969	9.000	2.768 #
11)	L3 AR-1232-1	5.038	4.223	638796	219969	11.132	3.420 #
12)	L3 AR-1232-2	5.571	4.950	674800	581814	22.465	9.622 #
13)	L3 AR-1232-3	5.864	5.127	2127951	451948	35.302	13.310 #
14)	L3 AR-1232-4	6.023	5.208	1084753	5517971	35.957	306.567 #
15)	L3 AR-1232-5	6.112	5.383	28121230	11313214	1202.465	503.172 #
16)	L4 AR-1242-1	5.839	4.933	1958494	472799	25.634	9.491 #
17)	L4 AR-1242-2	5.864	4.950	2127951	581814	19.477	5.231 #
18)	L4 AR-1242-3	5.925	5.127	890463	451948	13.265	7.230 #
19)	L4 AR-1242-4	6.023	5.208	1084753	5517971	19.717	147.135 #
20)	L4 AR-1242-5	6.765	5.735	15572011	58735650	250.887	914.490 #
21)	L5 AR-1248-1	5.839	4.933	1958494	472799	33.416	12.720 #
22)	L5 AR-1248-2	6.112	5.167	28121230	17395753	336.726	388.853
23)	L5 AR-1248-3	6.318	5.208	16115520	5517971	179.271	105.061 #
24)	L5 AR-1248-4	6.723	5.383	25314566	11313214	227.583	153.540 #
25)	L5 AR-1248-5	6.765	5.776	15572011	12070918	147.729	114.963
26)	L6 AR-1254-1	6.697	5.735	49483310	58735650	452.708	524.900
27)	L6 AR-1254-2	6.913	5.882	74728084	64776117	442.616	529.651
28)	L6 AR-1254-3	7.283	6.287	79444986	118.1E6	459.778	504.249
29)	L6 AR-1254-4	7.569	6.516	67445885	184.9E6	471.396	512.393
30)	L6 AR-1254-5	7.988	6.934	66349285	214.3E6	474.874	499.873
31)	L7 AR-1260-1	7.446	6.417	33956703	55807490	266.702	399.362 #
32)	L7 AR-1260-2	7.700	6.605	41080086	123.3E6	252.564	225.805
33)	L7 AR-1260-3	8.053	6.758	8961575	63074959	70.692	201.763 #
34)	L7 AR-1260-4	8.288	7.234	24882693	10950072	188.389	29.255 #
35)	L7 AR-1260-5	8.632	7.472	11799479	41386944	42.511	30.630 #
36)	L8 AR-1262-1	8.053	6.934	8961575	214.3E6	51.663	937.010 #
37)	L8 AR-1262-2	8.632	7.472	11799479	41386944	39.625	27.507 #
38)	L8 AR-1262-3	8.982f	7.761	7583653	2229710	36.645	3.818 #
39)	L8 AR-1262-4	9.033f	7.823	2138594	38305563	13.099	39.040 #
40)	L8 AR-1262-5	9.753	8.332	366739	306035	3.105	0.688 #
41)	L9 AR-1268-1	8.982f	7.761	7583653	2229710	21.013	1.299 #
42)	L9 AR-1268-2	9.033f	7.823	2138594	38305563	6.337	26.339 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030321\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2021 20:01
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

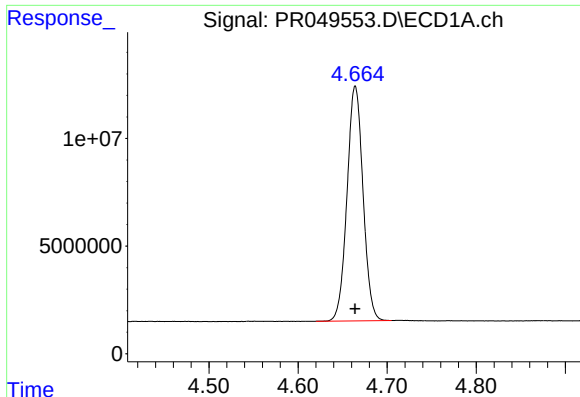
Instrument :
 ECD_R
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 03:41:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030221.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.033	0	2232032	N.D.	1.734 #
44) L9	AR-1268-4	9.753	8.332	366739	306035	2.899	0.630 #
45) L9	AR-1268-5	10.191	8.637	1234626	1656385	1.282	0.428 #

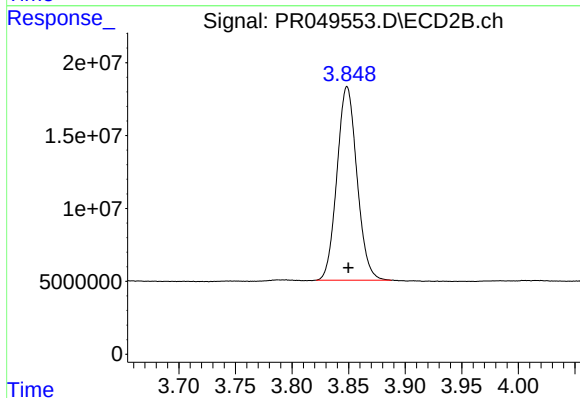
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

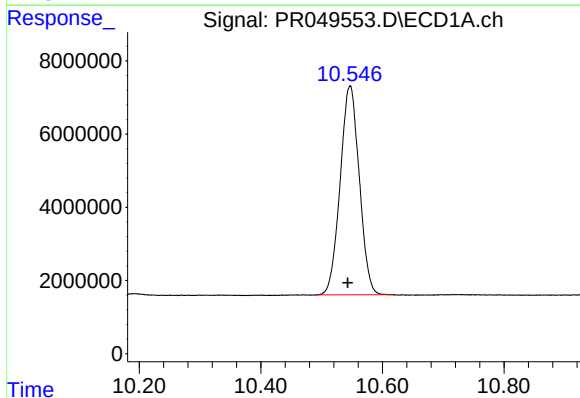
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 136061675
Conc: 51.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



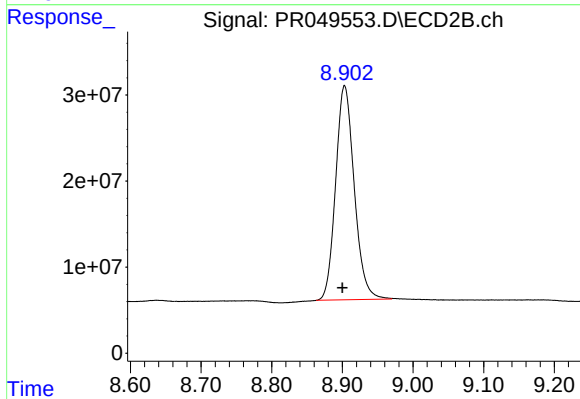
#1 Tetrachloro-m-xylene

R.T.: 3.849 min
Delta R.T.: -0.001 min
Response: 163525850
Conc: 51.96 ng/ml



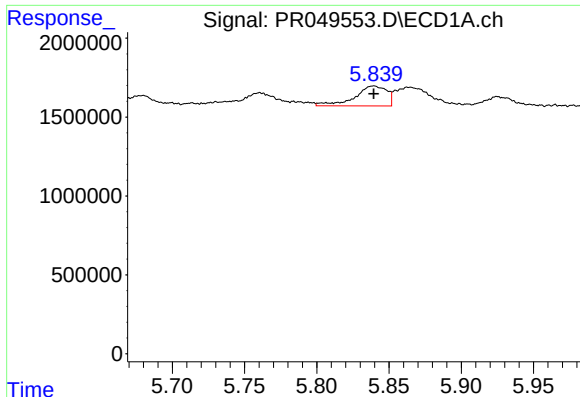
#2 Decachlorobiphenyl

R.T.: 10.547 min
Delta R.T.: 0.004 min
Response: 124673702
Conc: 43.89 ng/ml



#2 Decachlorobiphenyl

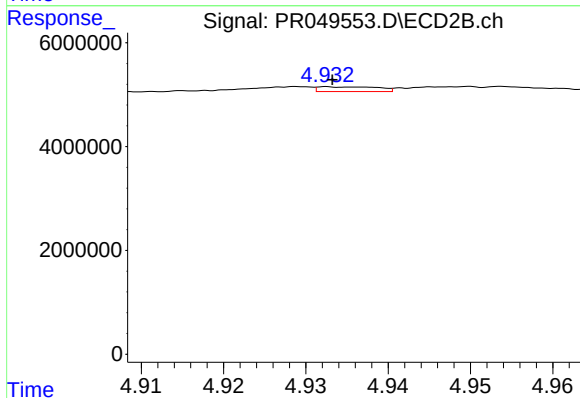
R.T.: 8.903 min
Delta R.T.: 0.003 min
Response: 455336580
Conc: 50.15 ng/ml



#3 AR-1016-1

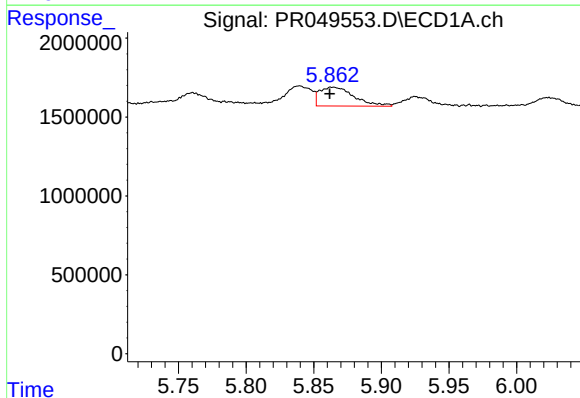
R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1958494
Conc: 19.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



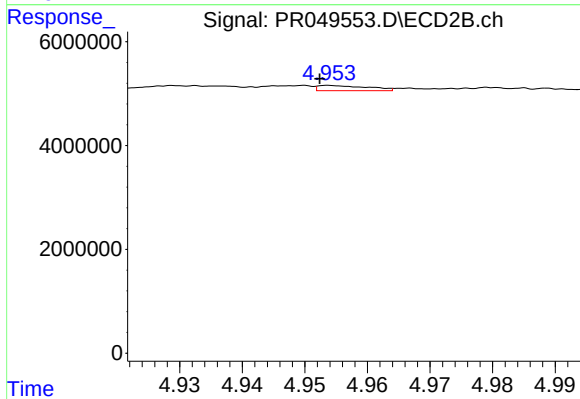
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 472799
Conc: 7.89 ng/ml



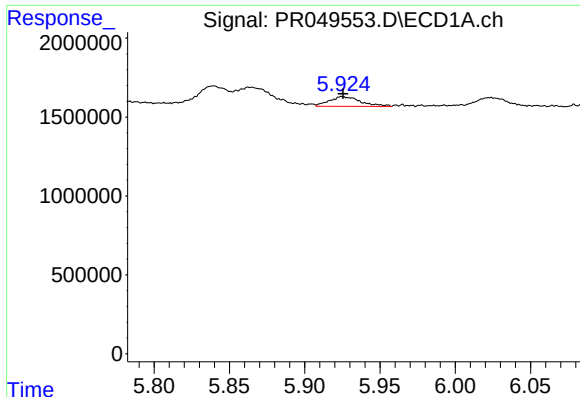
#4 AR-1016-2

R.T.: 5.864 min
Delta R.T.: 0.002 min
Response: 2127951
Conc: 14.66 ng/ml



#4 AR-1016-2

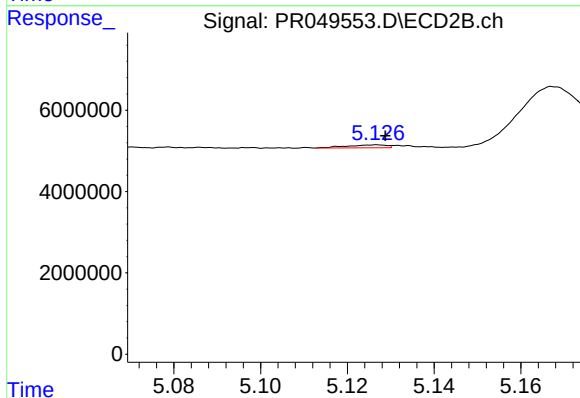
R.T.: 4.954 min
Delta R.T.: 0.001 min
Response: 548548
Conc: 3.91 ng/ml



#5 AR-1016-3

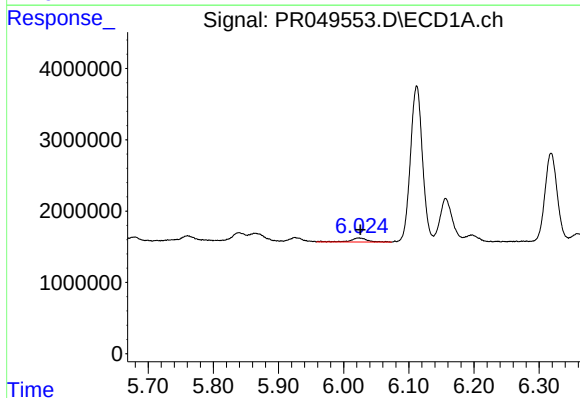
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 890463
Conc: 10.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



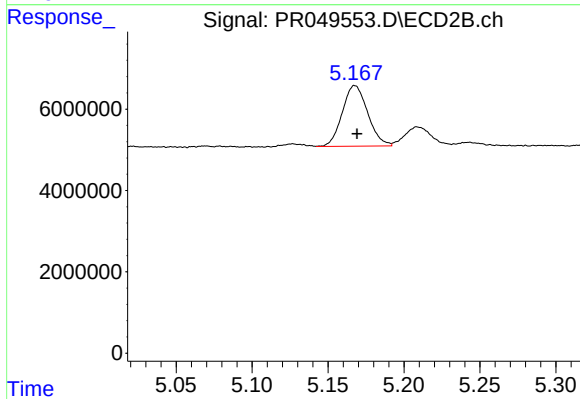
#5 AR-1016-3

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 451948
Conc: 5.62 ng/ml



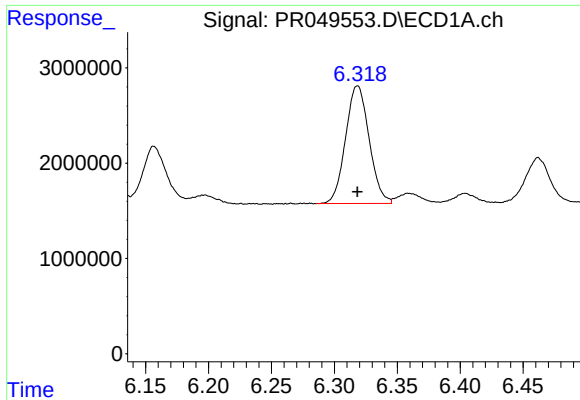
#6 AR-1016-4

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 1084753
Conc: 15.17 ng/ml



#6 AR-1016-4

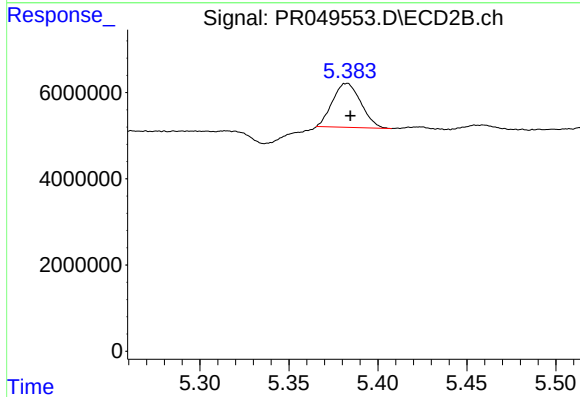
R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 17395753
Conc: 481.92 ng/ml



#7 AR-1016-5

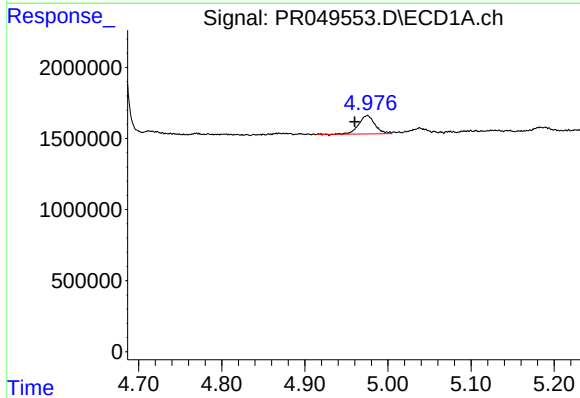
R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 16115520
Conc: 230.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



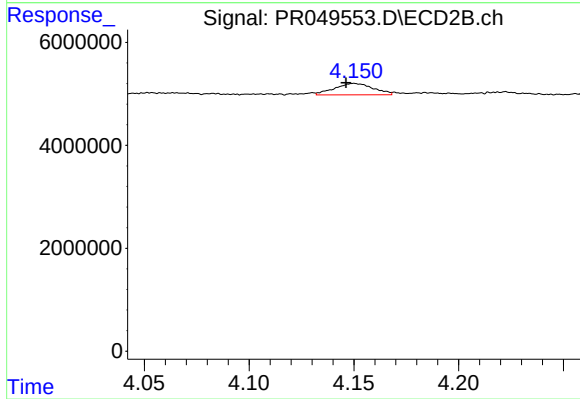
#7 AR-1016-5

R.T.: 5.383 min
Delta R.T.: -0.001 min
Response: 11313214
Conc: 199.36 ng/ml



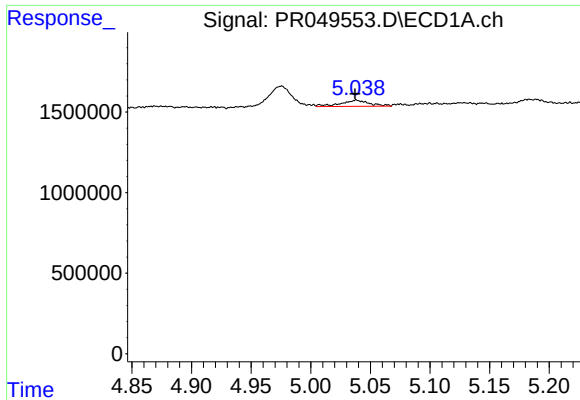
#9 AR-1221-2

R.T.: 4.975 min
Delta R.T.: 0.015 min
Response: 1759519
Conc: 75.50 ng/ml



#9 AR-1221-2

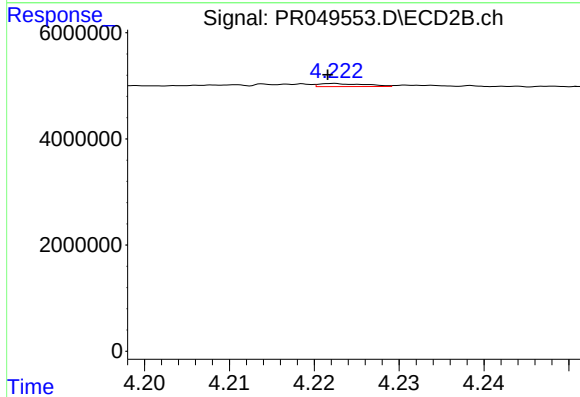
R.T.: 4.150 min
Delta R.T.: 0.004 min
Response: 2871740
Conc: 111.60 ng/ml



#10 AR-1221-3

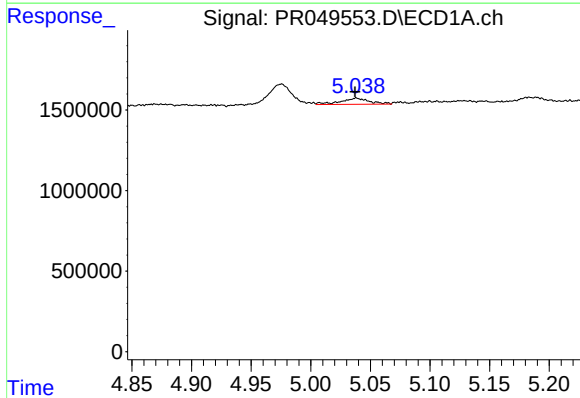
R.T.: 5.038 min
Delta R.T.: 0.001 min
Response: 638796
Conc: 9.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



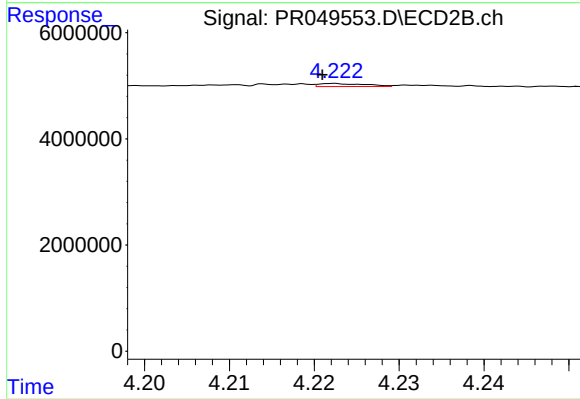
#10 AR-1221-3

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 219969
Conc: 2.77 ng/ml



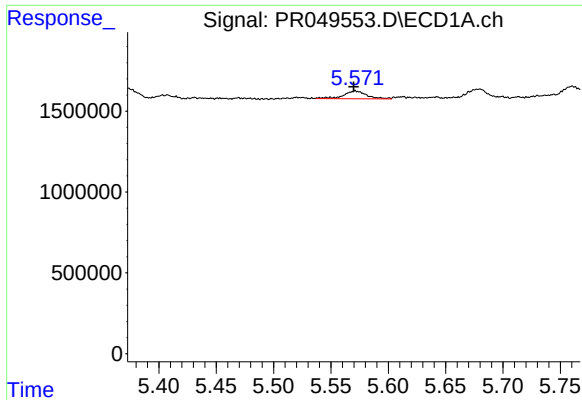
#11 AR-1232-1

R.T.: 5.038 min
Delta R.T.: 0.001 min
Response: 638796
Conc: 11.13 ng/ml



#11 AR-1232-1

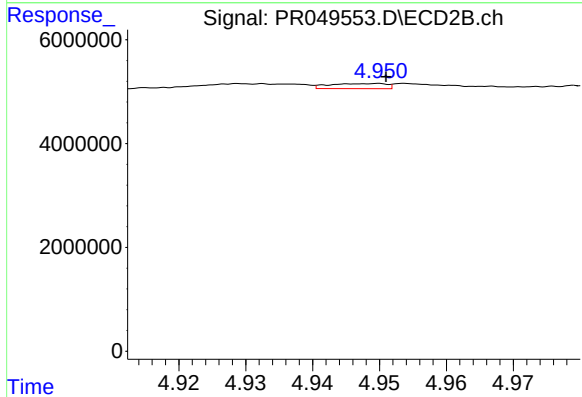
R.T.: 4.223 min
Delta R.T.: 0.002 min
Response: 219969
Conc: 3.42 ng/ml



#12 AR-1232-2

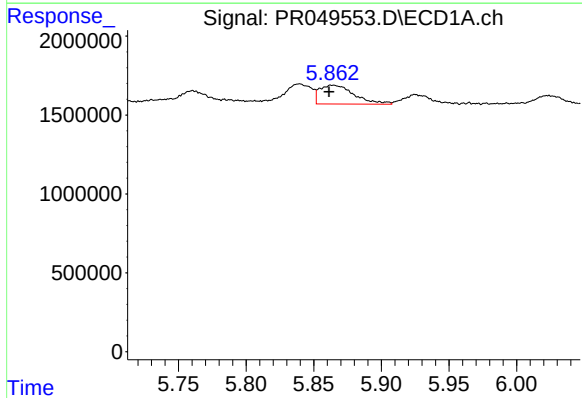
R.T.: 5.571 min
Delta R.T.: 0.001 min
Response: 674800
Conc: 22.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



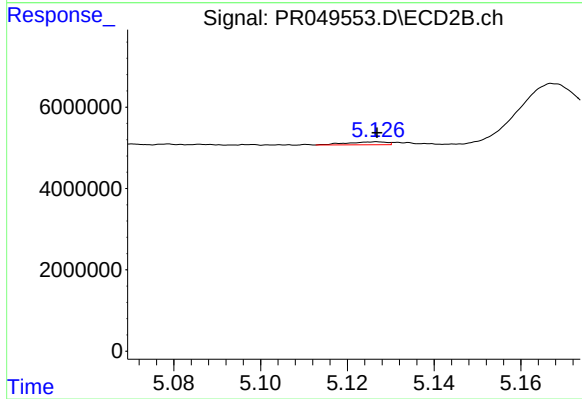
#12 AR-1232-2

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 581814
Conc: 9.62 ng/ml



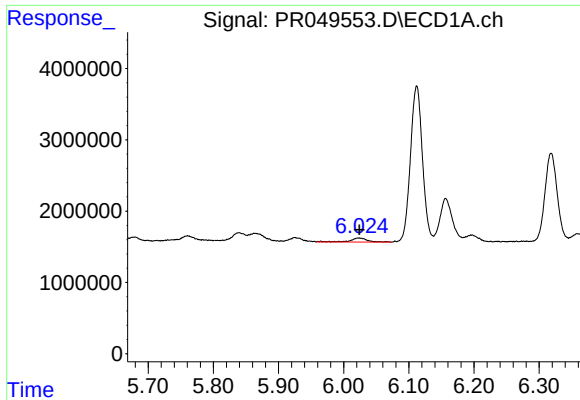
#13 AR-1232-3

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 2127951
Conc: 35.30 ng/ml



#13 AR-1232-3

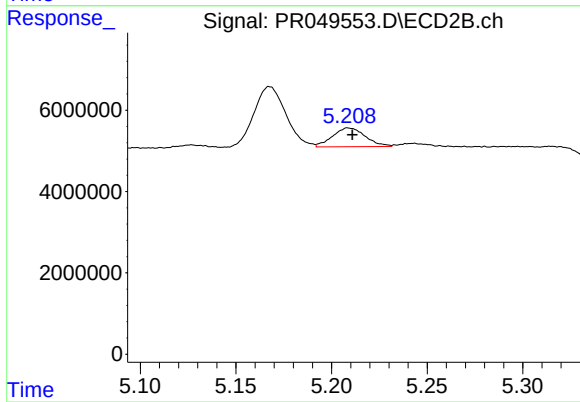
R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 451948
Conc: 13.31 ng/ml



#14 AR-1232-4

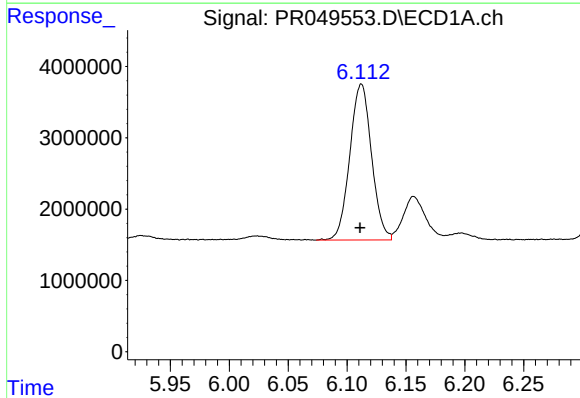
R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 1084753
Conc: 35.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



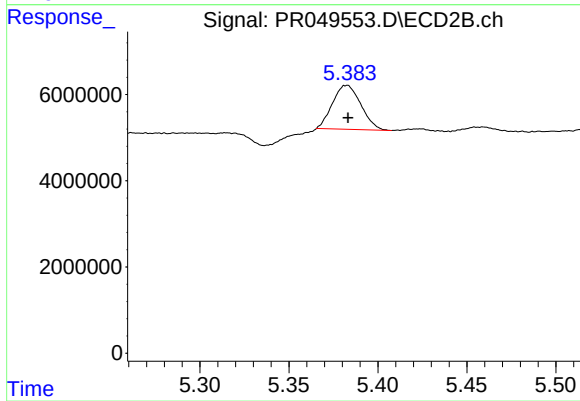
#14 AR-1232-4

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 5517971
Conc: 306.57 ng/ml



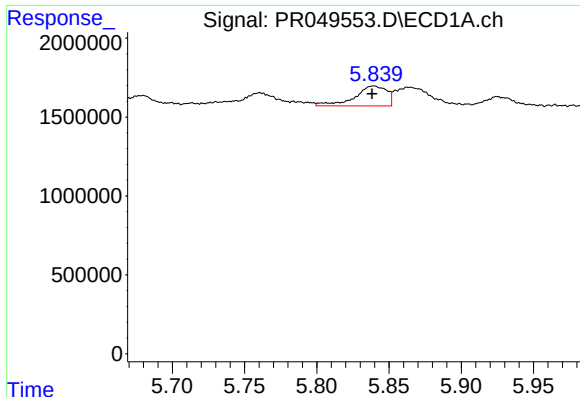
#15 AR-1232-5

R.T.: 6.112 min
Delta R.T.: 0.001 min
Response: 28121230
Conc: 1202.47 ng/ml



#15 AR-1232-5

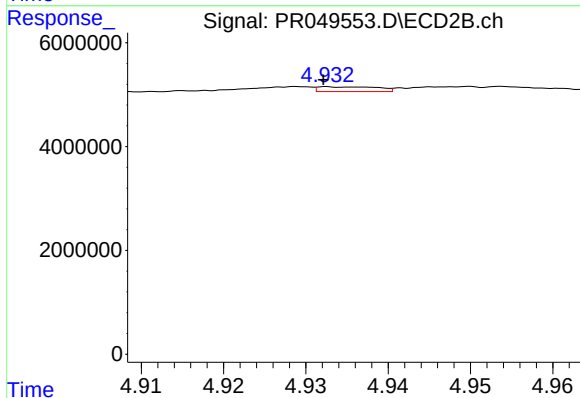
R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 11313214
Conc: 503.17 ng/ml



#16 AR-1242-1

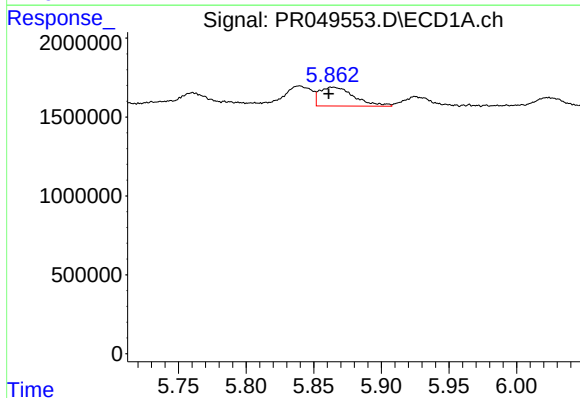
R.T.: 5.839 min
Delta R.T.: 0.001 min
Response: 1958494
Conc: 25.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



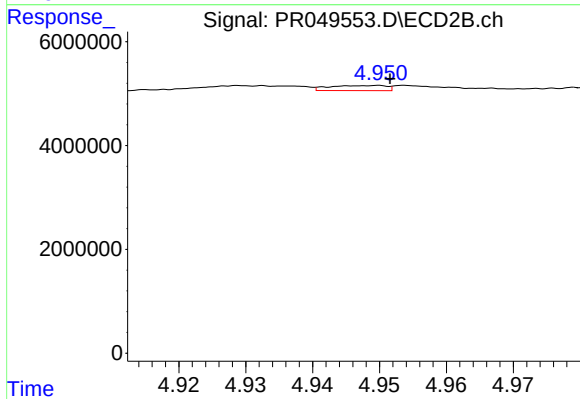
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 472799
Conc: 9.49 ng/ml



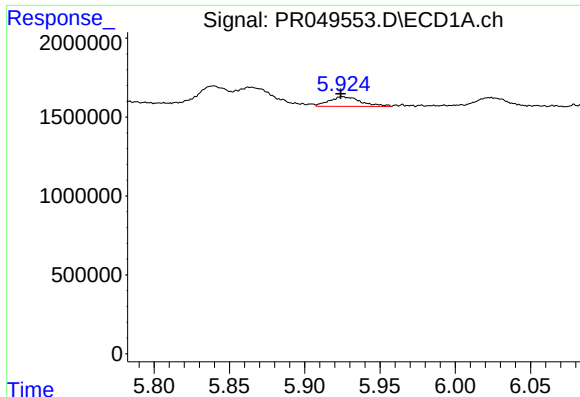
#17 AR-1242-2

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 2127951
Conc: 19.48 ng/ml



#17 AR-1242-2

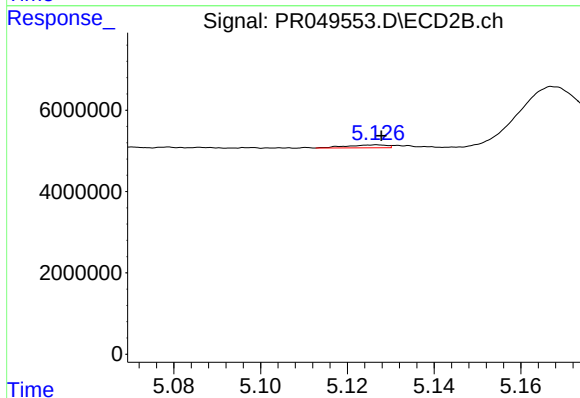
R.T.: 4.950 min
Delta R.T.: -0.001 min
Response: 581814
Conc: 5.23 ng/ml



#18 AR-1242-3

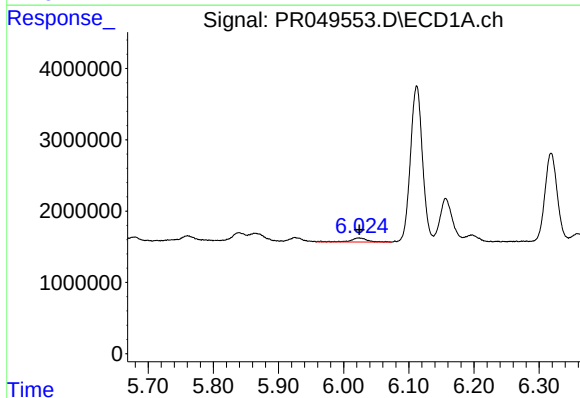
R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 890463
Conc: 13.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



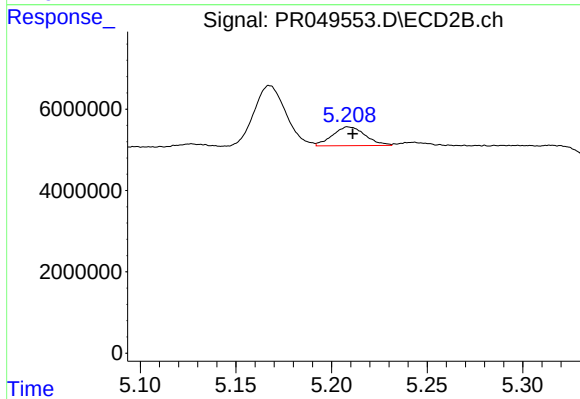
#18 AR-1242-3

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 451948
Conc: 7.23 ng/ml



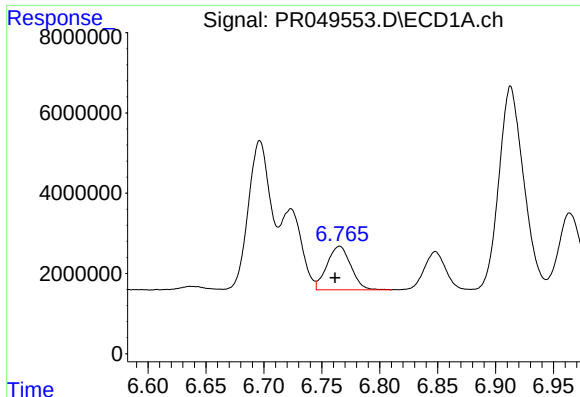
#19 AR-1242-4

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 1084753
Conc: 19.72 ng/ml



#19 AR-1242-4

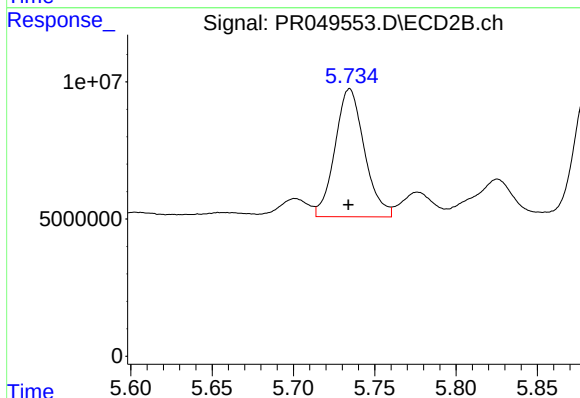
R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 5517971
Conc: 147.14 ng/ml



#20 AR-1242-5

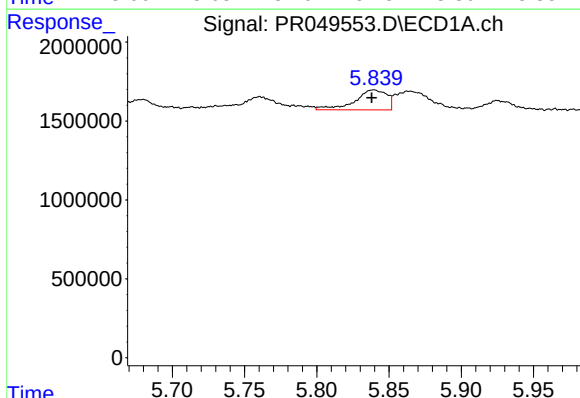
R.T.: 6.765 min
Delta R.T.: 0.004 min
Response: 15572011
Conc: 250.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



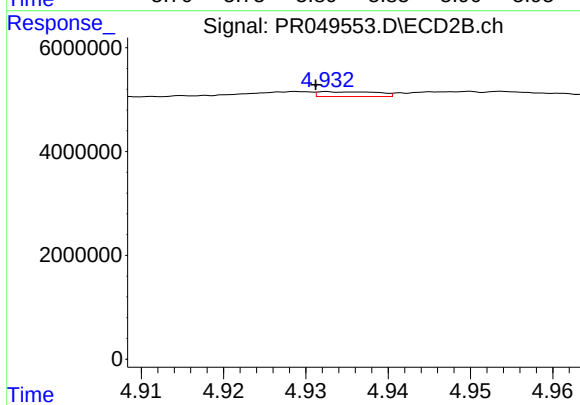
#20 AR-1242-5

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 58735650
Conc: 914.49 ng/ml



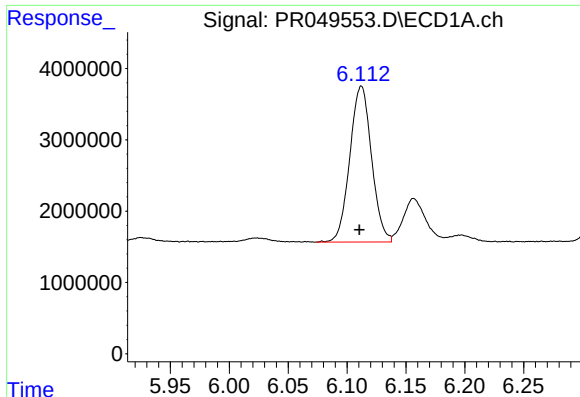
#21 AR-1248-1

R.T.: 5.839 min
Delta R.T.: 0.001 min
Response: 1958494
Conc: 33.42 ng/ml



#21 AR-1248-1

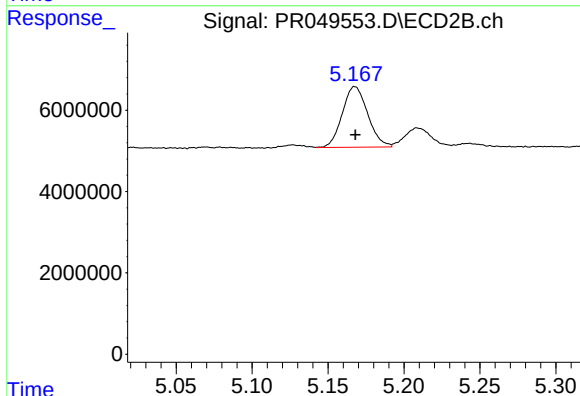
R.T.: 4.933 min
Delta R.T.: 0.002 min
Response: 472799
Conc: 12.72 ng/ml



#22 AR-1248-2

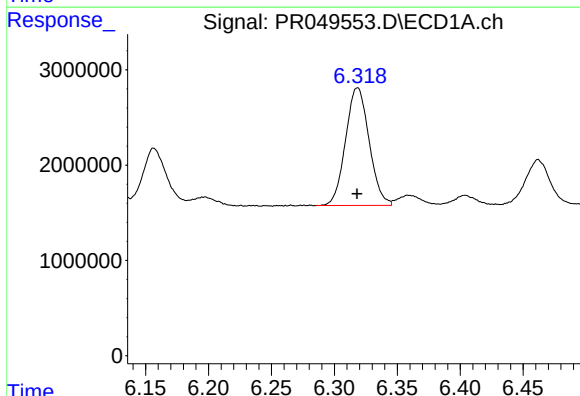
R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 28121230
Conc: 336.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



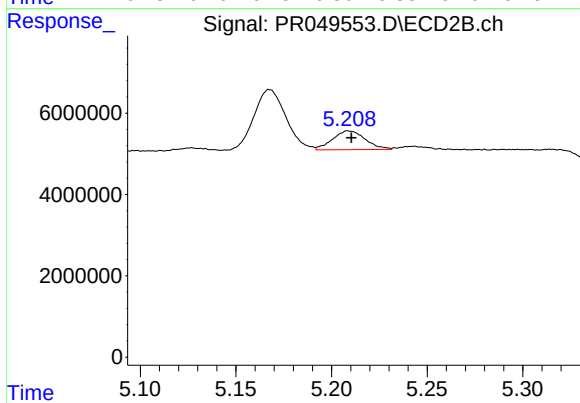
#22 AR-1248-2

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 17395753
Conc: 388.85 ng/ml



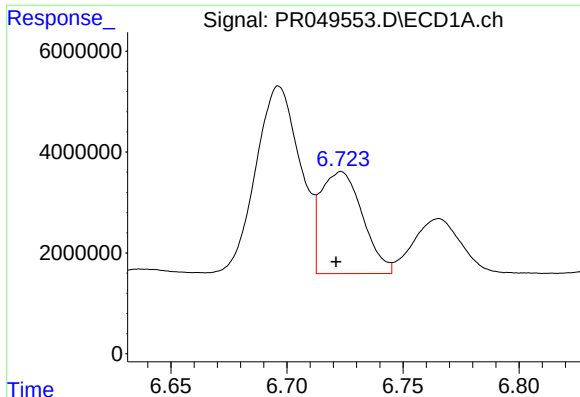
#23 AR-1248-3

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 16115520
Conc: 179.27 ng/ml



#23 AR-1248-3

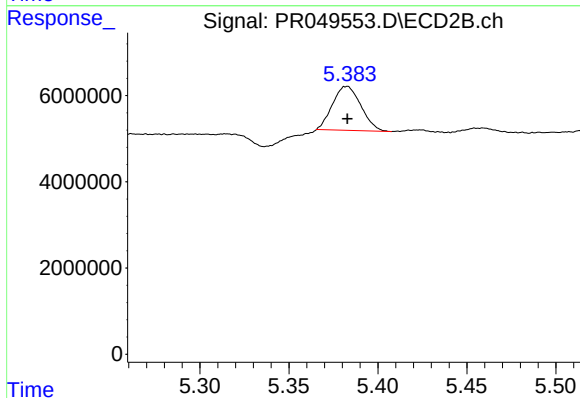
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 5517971
Conc: 105.06 ng/ml



#24 AR-1248-4

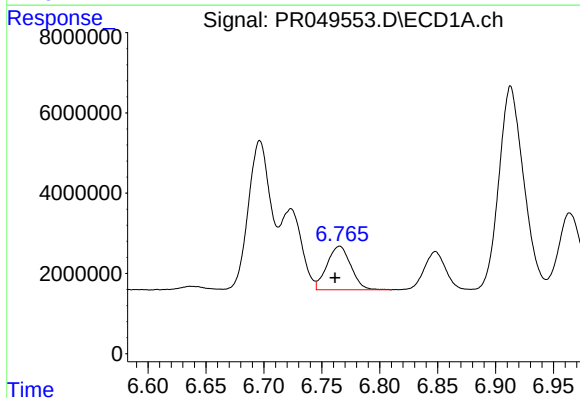
R.T.: 6.723 min
Delta R.T.: 0.002 min
Response: 25314566
Conc: 227.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



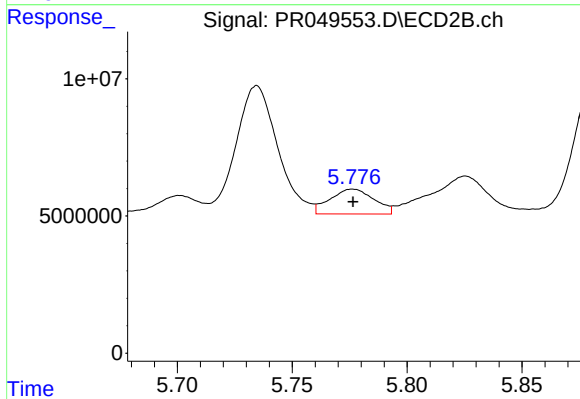
#24 AR-1248-4

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 11313214
Conc: 153.54 ng/ml



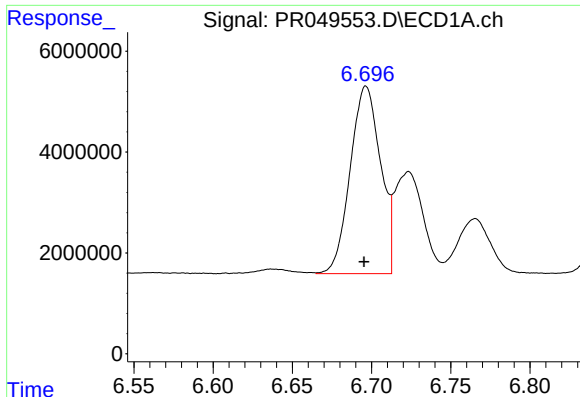
#25 AR-1248-5

R.T.: 6.765 min
Delta R.T.: 0.004 min
Response: 15572011
Conc: 147.73 ng/ml



#25 AR-1248-5

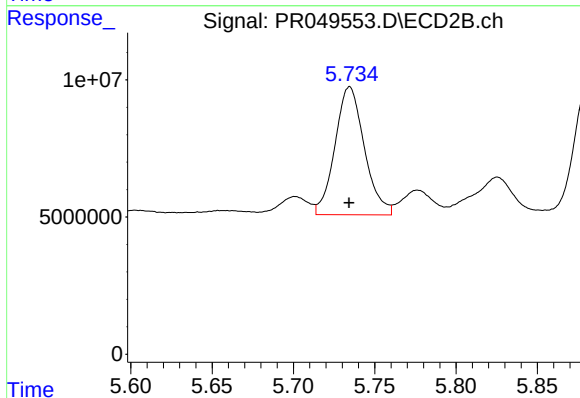
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 12070918
Conc: 114.96 ng/ml



#26 AR-1254-1

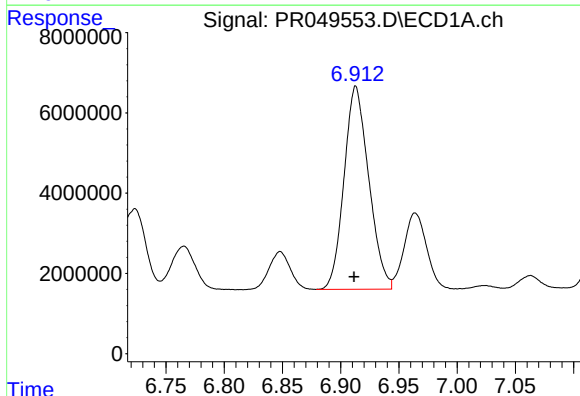
R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 49483310
Conc: 452.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



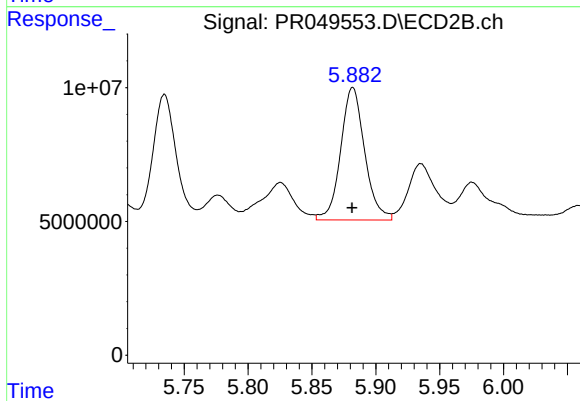
#26 AR-1254-1

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 58735650
Conc: 524.90 ng/ml



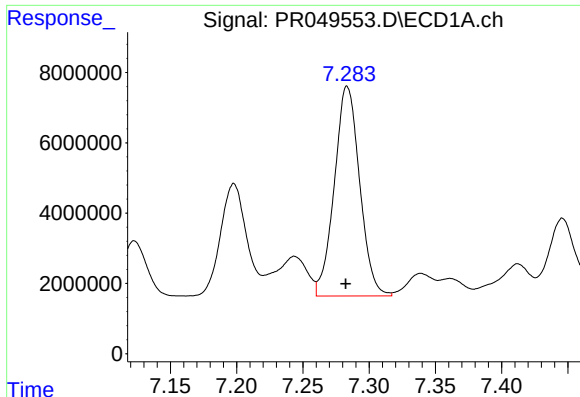
#27 AR-1254-2

R.T.: 6.913 min
Delta R.T.: 0.001 min
Response: 74728084
Conc: 442.62 ng/ml



#27 AR-1254-2

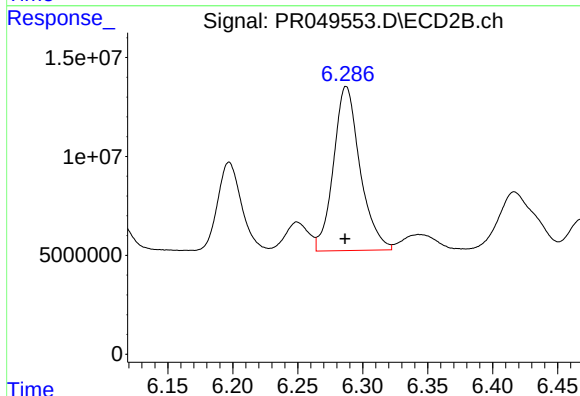
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 64776117
Conc: 529.65 ng/ml



#28 AR-1254-3

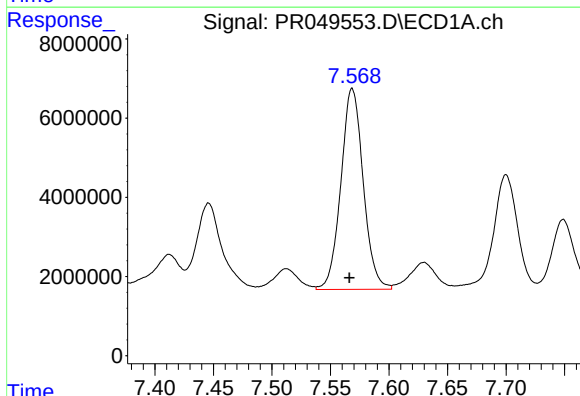
R.T.: 7.283 min
Delta R.T.: 0.001 min
Response: 79444986
Conc: 459.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



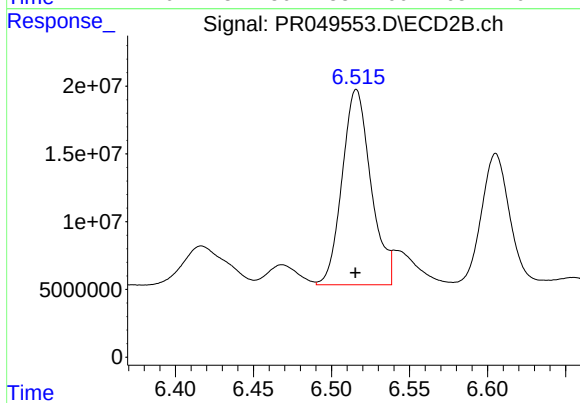
#28 AR-1254-3

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 118109813
Conc: 504.25 ng/ml



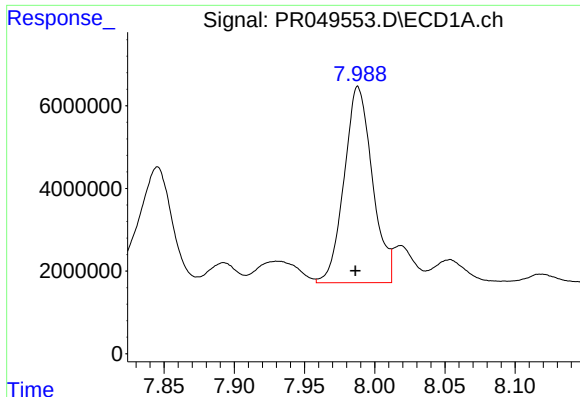
#29 AR-1254-4

R.T.: 7.569 min
Delta R.T.: 0.003 min
Response: 67445885
Conc: 471.40 ng/ml



#29 AR-1254-4

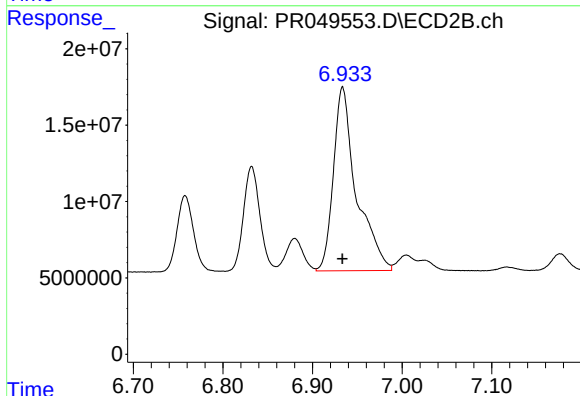
R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 184944837
Conc: 512.39 ng/ml



#30 AR-1254-5

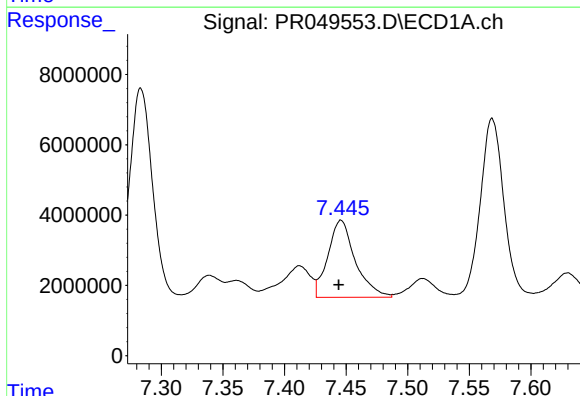
R.T.: 7.988 min
Delta R.T.: 0.002 min
Response: 66349285
Conc: 474.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



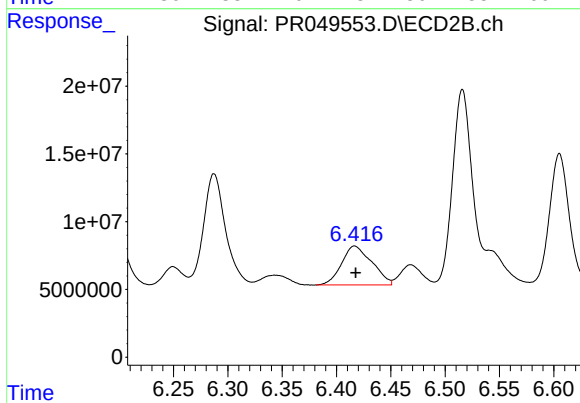
#30 AR-1254-5

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 214348152
Conc: 499.87 ng/ml



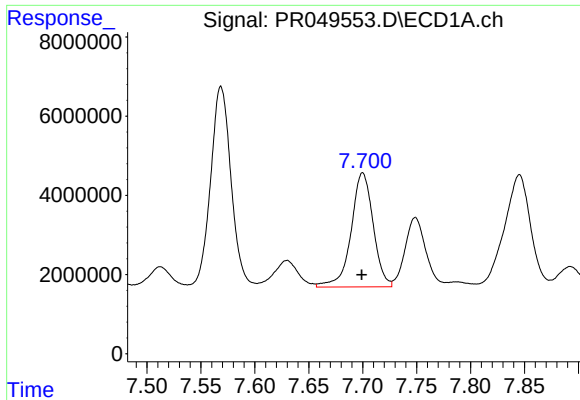
#31 AR-1260-1

R.T.: 7.446 min
Delta R.T.: 0.002 min
Response: 33956703
Conc: 266.70 ng/ml



#31 AR-1260-1

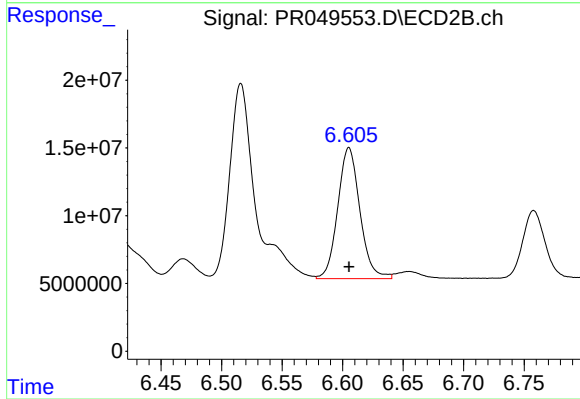
R.T.: 6.417 min
Delta R.T.: -0.001 min
Response: 55807490
Conc: 399.36 ng/ml



#32 AR-1260-2

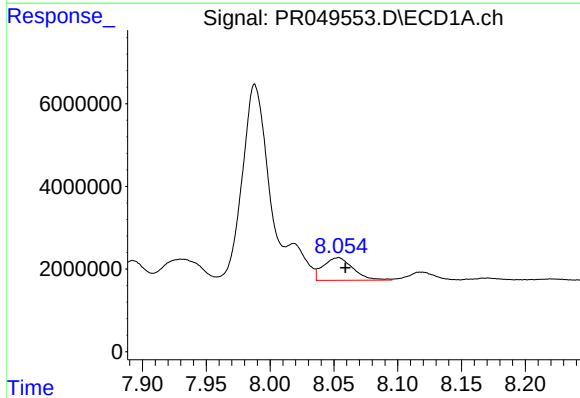
R.T.: 7.700 min
Delta R.T.: 0.000 min
Response: 41080086
Conc: 252.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



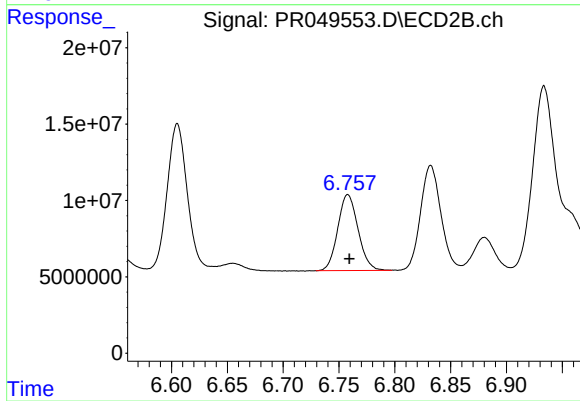
#32 AR-1260-2

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 123316131
Conc: 225.81 ng/ml



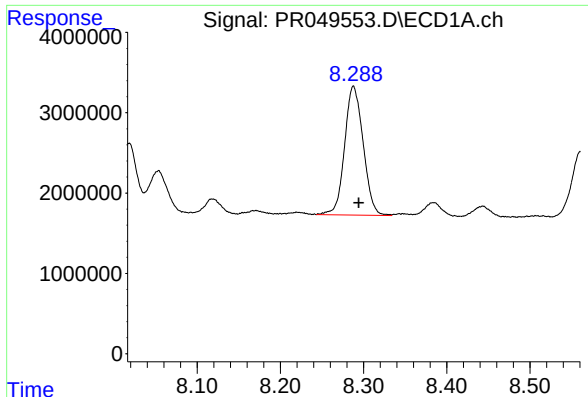
#33 AR-1260-3

R.T.: 8.053 min
Delta R.T.: -0.006 min
Response: 8961575
Conc: 70.69 ng/ml



#33 AR-1260-3

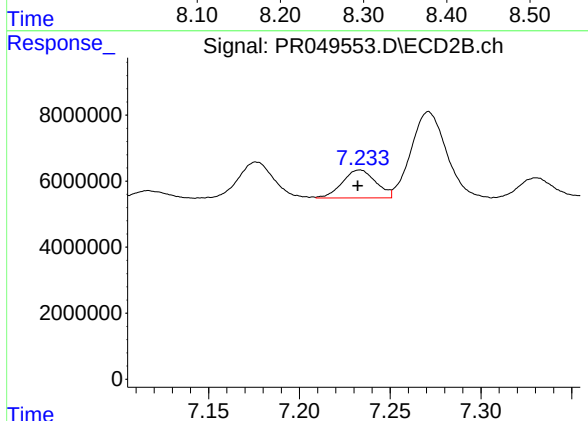
R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 63074959
Conc: 201.76 ng/ml



#34 AR-1260-4

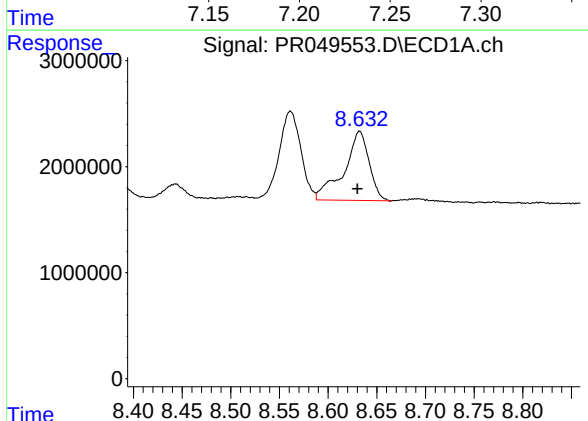
R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 24882693
Conc: 188.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



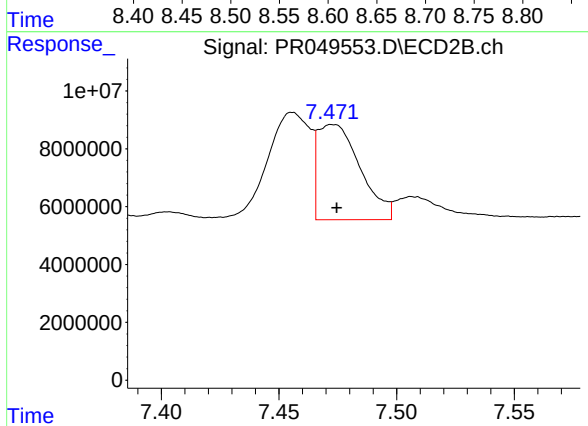
#34 AR-1260-4

R.T.: 7.234 min
Delta R.T.: 0.001 min
Response: 10950072
Conc: 29.25 ng/ml



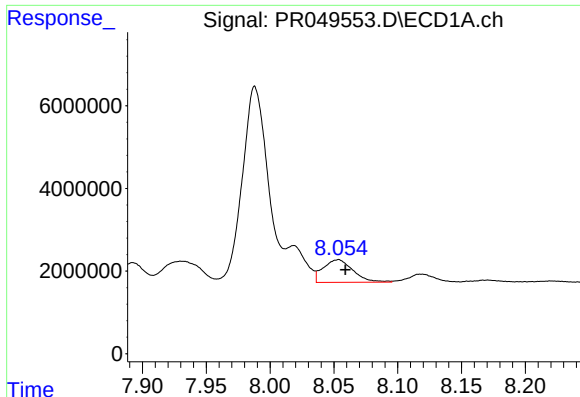
#35 AR-1260-5

R.T.: 8.632 min
Delta R.T.: 0.002 min
Response: 11799479
Conc: 42.51 ng/ml



#35 AR-1260-5

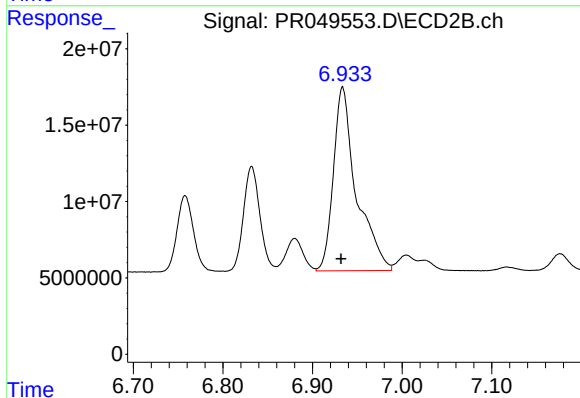
R.T.: 7.472 min
Delta R.T.: -0.002 min
Response: 41386944
Conc: 30.63 ng/ml



#36 AR-1262-1

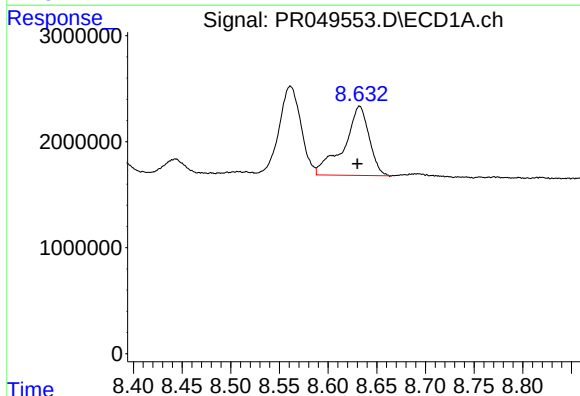
R.T.: 8.053 min
Delta R.T.: -0.006 min
Response: 8961575
Conc: 51.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



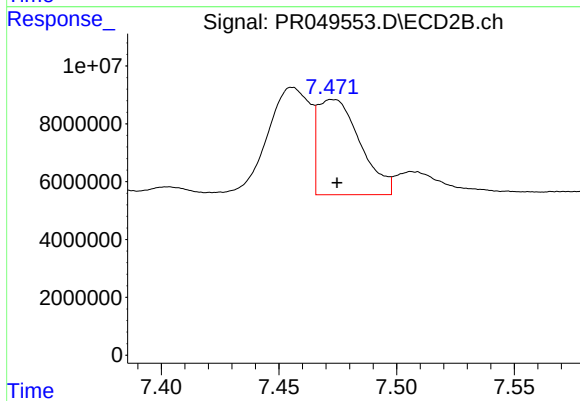
#36 AR-1262-1

R.T.: 6.934 min
Delta R.T.: 0.002 min
Response: 214348152
Conc: 937.01 ng/ml



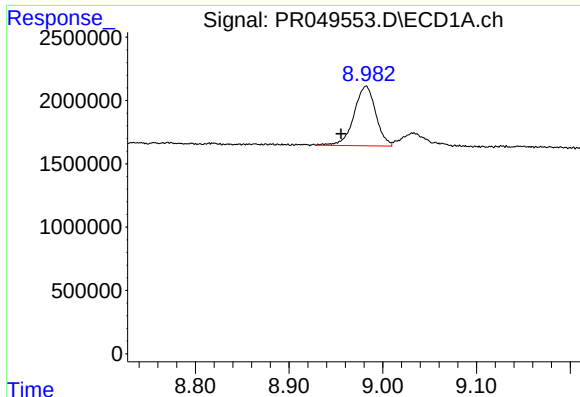
#37 AR-1262-2

R.T.: 8.632 min
Delta R.T.: 0.002 min
Response: 11799479
Conc: 39.63 ng/ml



#37 AR-1262-2

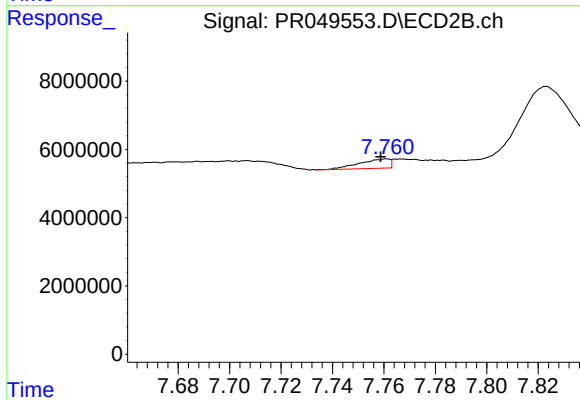
R.T.: 7.472 min
Delta R.T.: -0.003 min
Response: 41386944
Conc: 27.51 ng/ml



#38 AR-1262-3

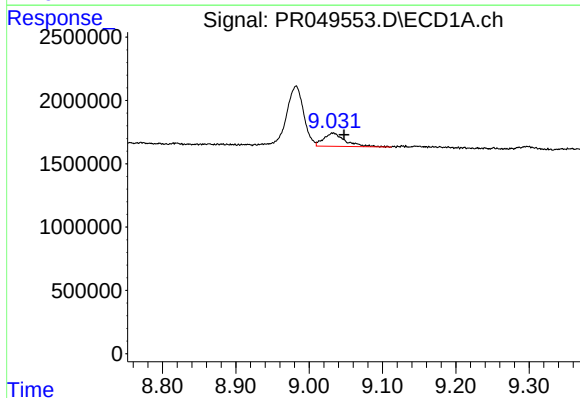
R.T.: 8.982 min
Delta R.T.: 0.027 min
Response: 7583653
Conc: 36.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



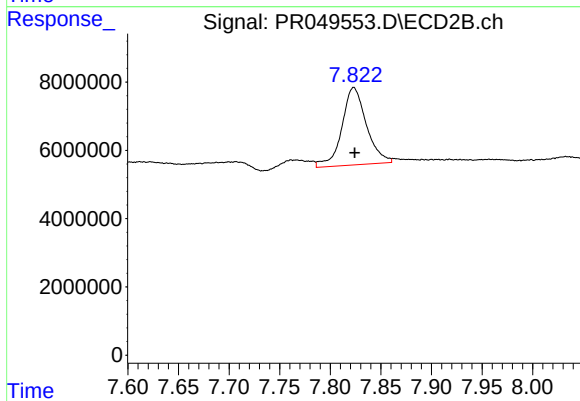
#38 AR-1262-3

R.T.: 7.761 min
Delta R.T.: 0.002 min
Response: 2229710
Conc: 3.82 ng/ml



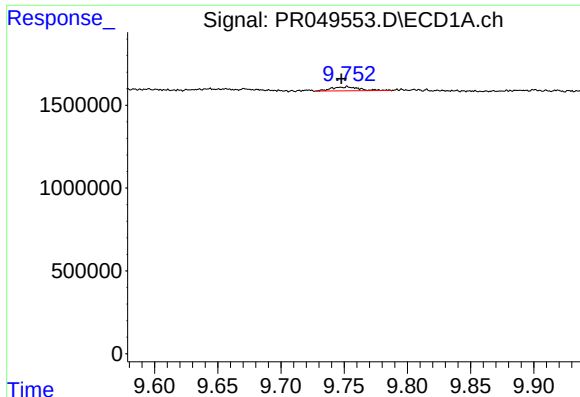
#39 AR-1262-4

R.T.: 9.033 min
Delta R.T.: -0.015 min
Response: 2138594
Conc: 13.10 ng/ml



#39 AR-1262-4

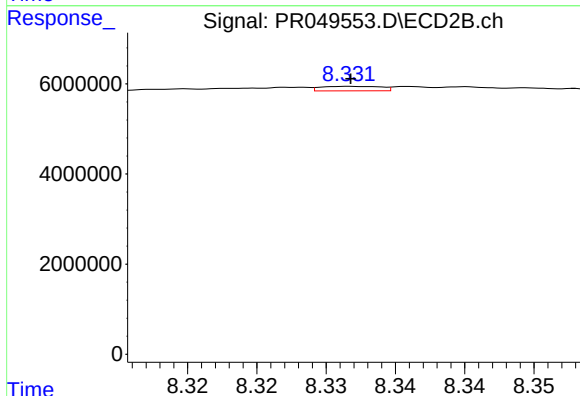
R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 38305563
Conc: 39.04 ng/ml



#40 AR-1262-5

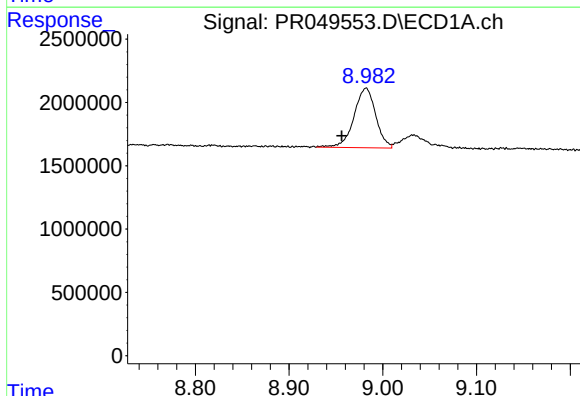
R.T.: 9.753 min
Delta R.T.: 0.005 min
Response: 366739
Conc: 3.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



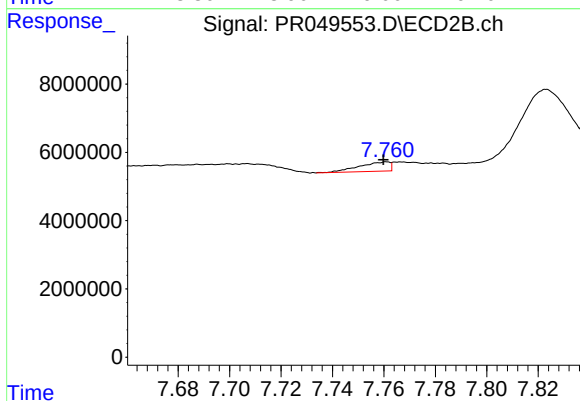
#40 AR-1262-5

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 306035
Conc: 0.69 ng/ml



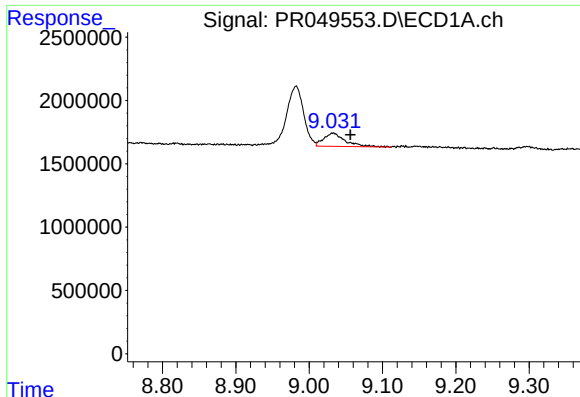
#41 AR-1268-1

R.T.: 8.982 min
Delta R.T.: 0.026 min
Response: 7583653
Conc: 21.01 ng/ml



#41 AR-1268-1

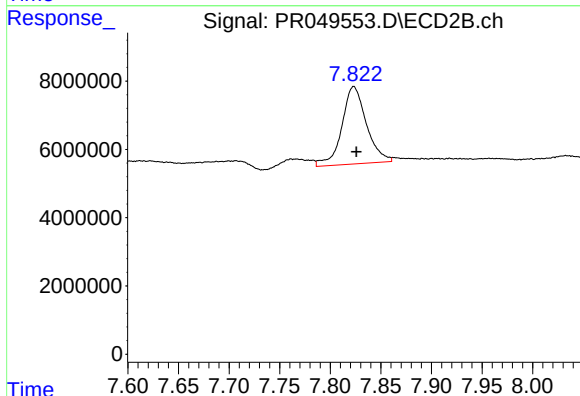
R.T.: 7.761 min
Delta R.T.: 0.001 min
Response: 2229710
Conc: 1.30 ng/ml



#42 AR-1268-2

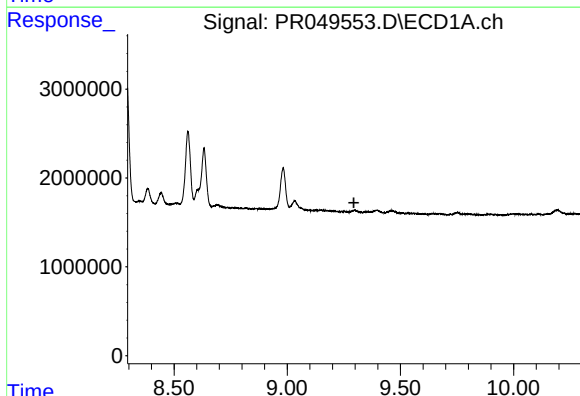
R.T.: 9.033 min
Delta R.T.: -0.024 min
Response: 2138594
Conc: 6.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



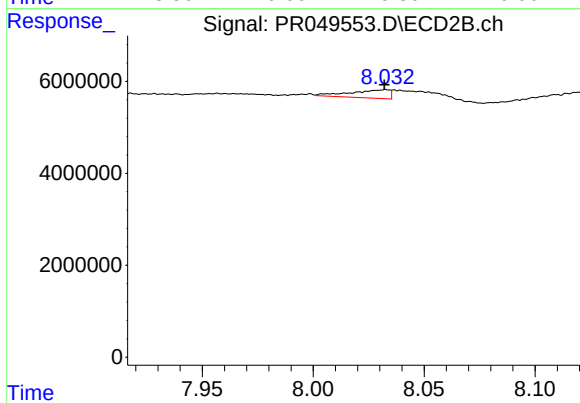
#42 AR-1268-2

R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 38305563
Conc: 26.34 ng/ml



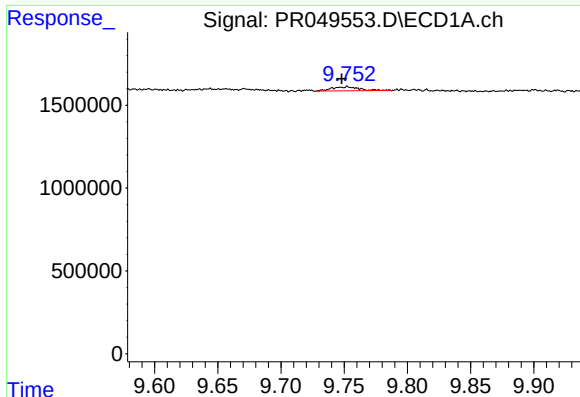
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.295 min
Response: 0
Conc: N.D.



#43 AR-1268-3

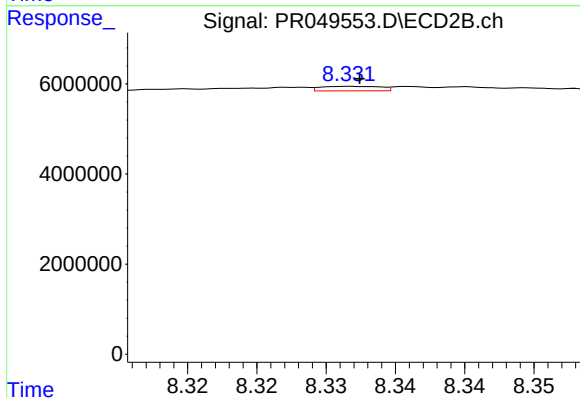
R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 2232032
Conc: 1.73 ng/ml



#44 AR-1268-4

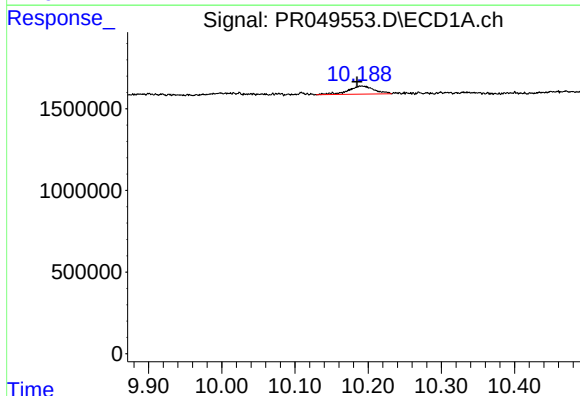
R.T.: 9.753 min
Delta R.T.: 0.005 min
Response: 366739
Conc: 2.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254CCC500



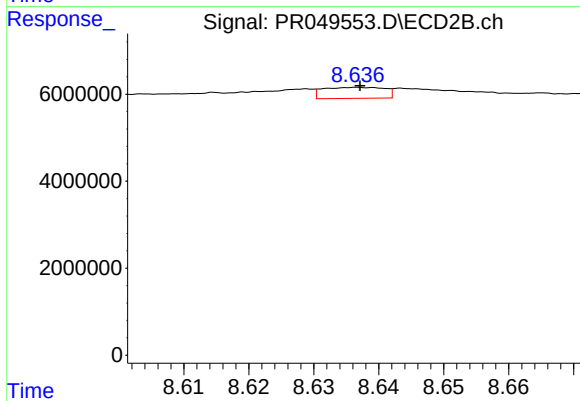
#44 AR-1268-4

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 306035
Conc: 0.63 ng/ml



#45 AR-1268-5

R.T.: 10.191 min
Delta R.T.: 0.006 min
Response: 1234626
Conc: 1.28 ng/ml



#45 AR-1268-5

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 1656385
Conc: 0.43 ng/ml