

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091818\
 Data File : P0049112.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2018 23:01
 Operator : SM/SJ
 Sample : J4772-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 01:15:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.398	3.528	4425678	4579044	27.014	25.100
2)	SA Decachlor...	10.121	8.465	4291436	2775078	19.262	14.955
Target Compounds							
3)	L1 AR-1016-1	5.107	4.190	3345877	1215433	738.118	239.400 #
4)	L1 AR-1016-2	5.304	4.599	3051496	1393360	643.126	179.970 #
5)	L1 AR-1016-3	5.570	4.616	1728455	2208619	239.104	213.807
6)	L1 AR-1016-4	5.654	4.674	1231828	1915554	195.924	257.652 #
7)	L1 AR-1016-5	6.049	5.040	2464106	2524745	463.561	363.929
8)	L2 AR-1221-1	0.000	3.737	0	143476	N.D.	70.654 #
9)	L2 AR-1221-2	4.700	3.824	132210	199068	96.568	128.789 #
10)	L2 AR-1221-3	4.772	3.897	921139	918464	203.675	192.694
11)	L3 AR-1232-1	5.498	4.376	399120	1868225	1102.340	942.823
12)	L3 AR-1232-2	5.754	4.495	1237901	1409083	644.727	2081.053 #
13)	L3 AR-1232-3	5.938	4.872	1064819	2467256	1974.320	1314.829 #
14)	L3 AR-1232-4	6.254	5.187	2435617	2127886	5059.677	1014.742 #
15)	L3 AR-1232-5	7.121	5.760	1098632	598679	3556.684	2350.922 #
16)	L4 AR-1242-1	5.138	4.210	2285994	711028	1367.676	376.632 #
17)	L4 AR-1242-2	5.891	4.789	509357	2167303	156.515	521.097 #
18)	L4 AR-1242-3	6.091	4.902	2027315	1321170	1292.039	902.725 #
19)	L4 AR-1242-4	6.128	5.258	1201546	2068501	999.598	1642.890 #
20)	L4 AR-1242-5	6.190	5.650	3914057	1095631	901.213	323.687 #
21)	L5 AR-1248-1	5.845	4.836	1835412	1313776	329.954	195.881 #
22)	L5 AR-1248-2	6.425	5.388	2929861	1983792	481.509	156.053 #
23)	L5 AR-1248-3	6.453	5.430	1239392	913801	154.414	101.796 #
24)	L5 AR-1248-4	6.492	5.604	2924949	1523425	381.436	187.715 #
25)	L5 AR-1248-5	6.643	5.949	3194690	1947679	609.583	310.551 #
26)	L6 AR-1254-1	6.643	5.534	3194690	1931005	205.095	145.636 #
27)	L6 AR-1254-2	6.912	5.844	2105413	985969	207.495	84.480 #
28)	L6 AR-1254-3	7.015	6.160	1534636	261888	85.646	17.732 #
29)	L6 AR-1254-4	7.298	6.479	1752167	291153	126.723	26.053 #
30)	L6 AR-1254-5	7.561	6.574	1456390	2717295	144.271	129.808
31)	L7 AR-1260-1	7.174	6.063	3409507	2236718	272.688	164.879 #
32)	L7 AR-1260-2	7.431	6.249	3128132	2340793	225.457	138.014 #
33)	L7 AR-1260-3	7.716	6.401	3223581	2233944	214.742	139.016 #
34)	L7 AR-1260-4	8.016	6.870	1666212	1542615	166.516	115.945 #
35)	L7 AR-1260-5	8.335	7.110	3377155	3670445	166.019	119.393 #
36)	L8 AR-1262-1	7.068	5.949	2654463	1947679	403.531	259.968 #
37)	L8 AR-1262-2	7.849	6.665	967560	913415	188.346	121.162 #
38)	L8 AR-1262-3	8.098	6.967	740288	897469	145.577	109.220
39)	L8 AR-1262-4	8.712	7.392	1371496	722344	126.902	58.450 #
40)	L8 AR-1262-5	9.383	7.946	991298	772472	121.267	76.026 #
41)	L9 AR-1268-1	7.791	6.612	1690169	1725646	330.510	227.458 #

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 Operator : SM/SJ
 Sample : J4772-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

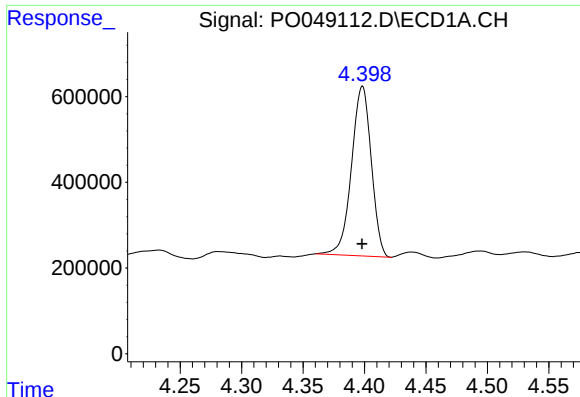
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 01:15:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.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
42) L9	AR-1268-2	8.016	7.455	1666212	2469565	272.329	74.259 #
43) L9	AR-1268-3	8.659	0.000	2192031	0	83.621	N.D. #
44) L9	AR-1268-4	0.000	7.819	0	363908	N.D.	46.979 #
45) L9	AR-1268-5	9.788	8.223	325011	252602	4.396	3.562

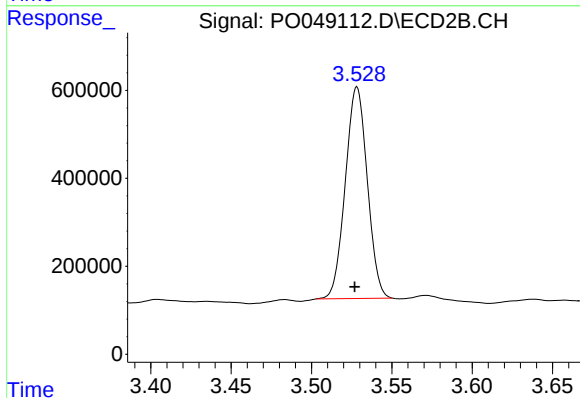
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

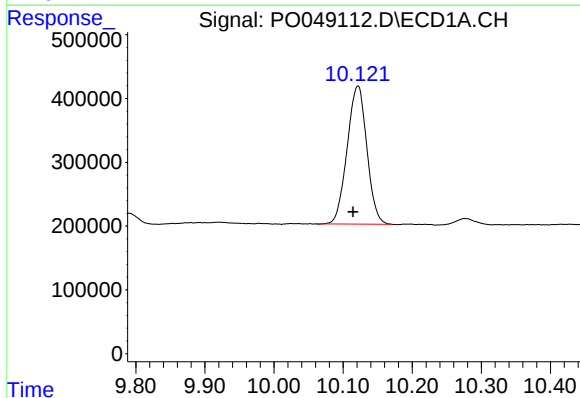
R.T.: 4.398 min
Delta R.T.: 0.000 min
Response: 4425678
Conc: 27.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



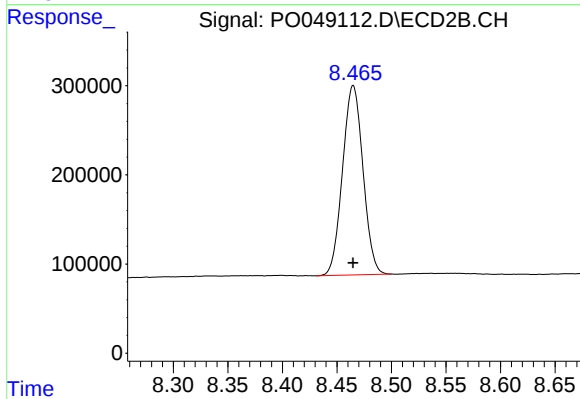
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: 0.002 min
Response: 4579044
Conc: 25.10 ng/ml



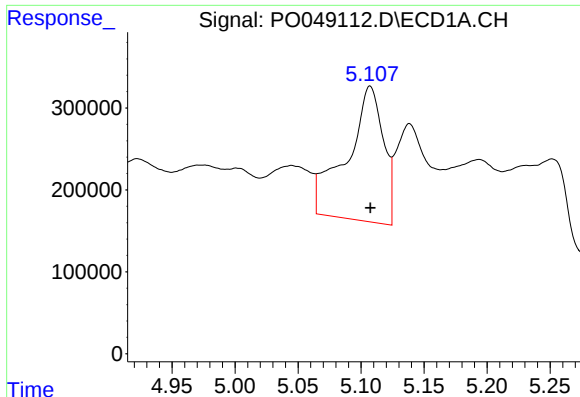
#2 Decachlorobiphenyl

R.T.: 10.121 min
Delta R.T.: 0.007 min
Response: 4291436
Conc: 19.26 ng/ml



#2 Decachlorobiphenyl

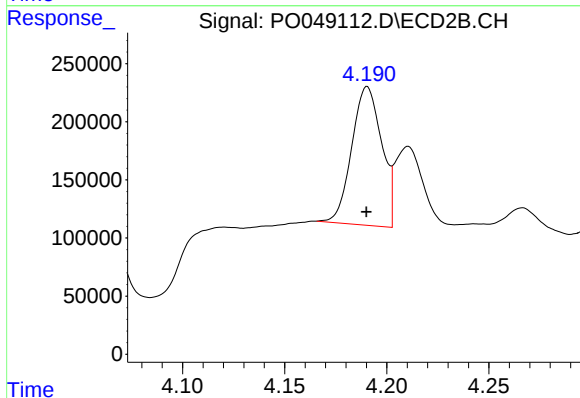
R.T.: 8.465 min
Delta R.T.: 0.000 min
Response: 2775078
Conc: 14.95 ng/ml



#3 AR-1016-1

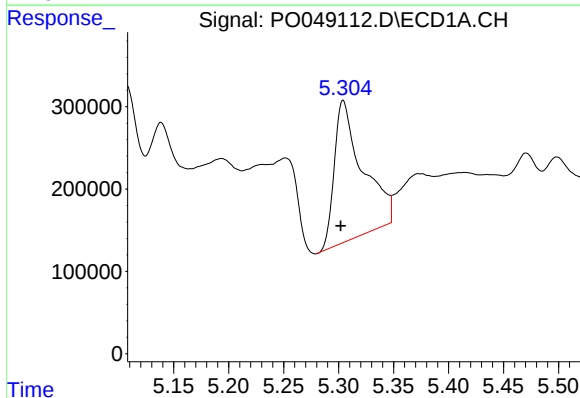
R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 3345877
Conc: 738.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



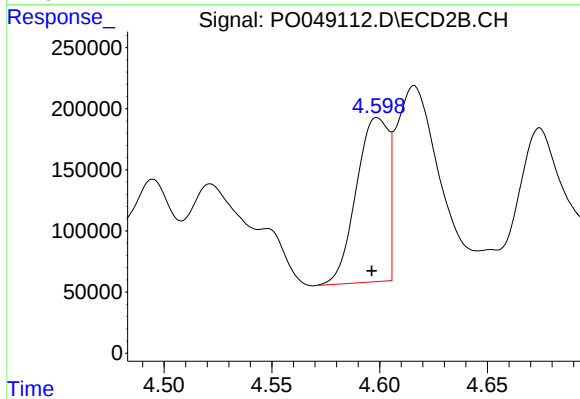
#3 AR-1016-1

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 1215433
Conc: 239.40 ng/ml



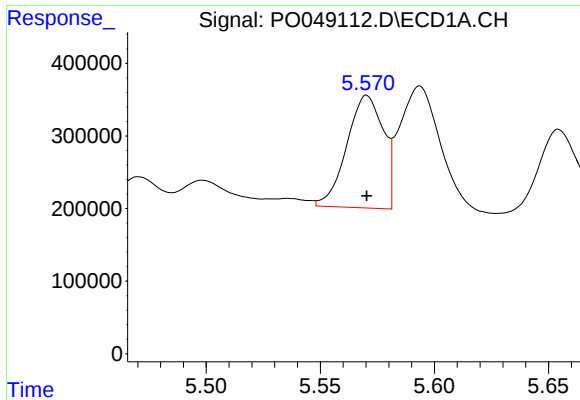
#4 AR-1016-2

R.T.: 5.304 min
Delta R.T.: 0.002 min
Response: 3051496
Conc: 643.13 ng/ml



#4 AR-1016-2

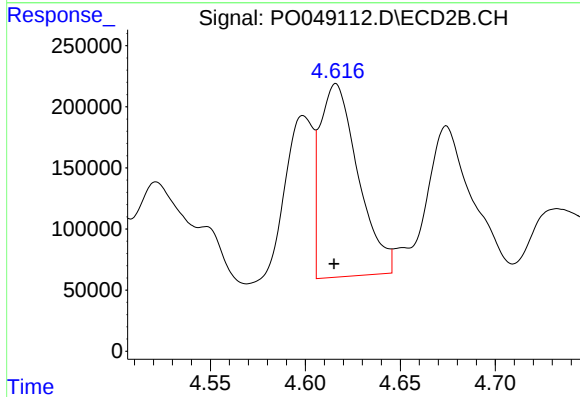
R.T.: 4.599 min
Delta R.T.: 0.003 min
Response: 1393360
Conc: 179.97 ng/ml



#5 AR-1016-3

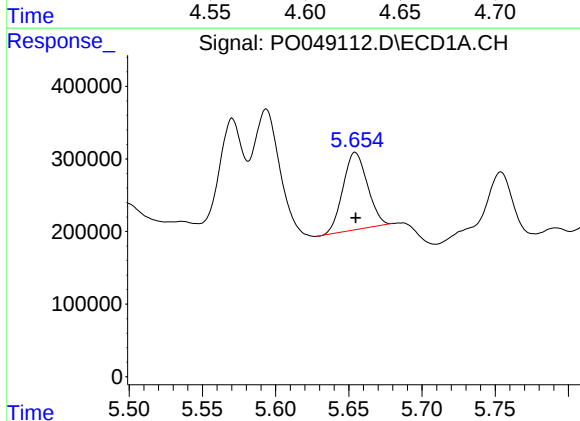
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 1728455
Conc: 239.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



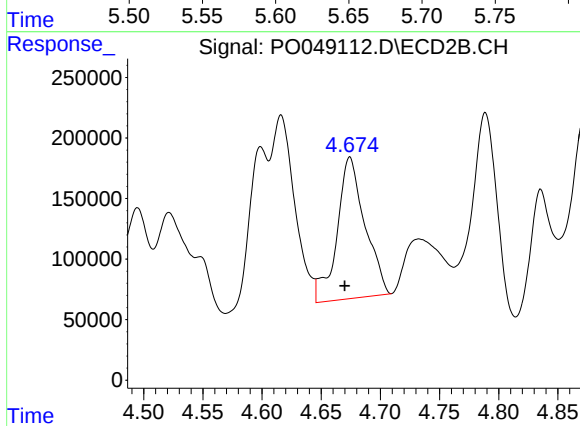
#5 AR-1016-3

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 2208619
Conc: 213.81 ng/ml



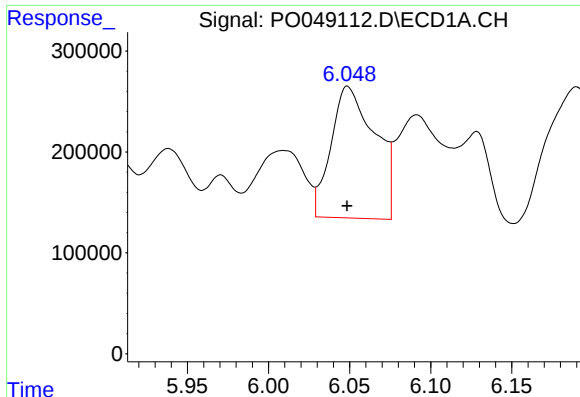
#6 AR-1016-4

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 1231828
Conc: 195.92 ng/ml



#6 AR-1016-4

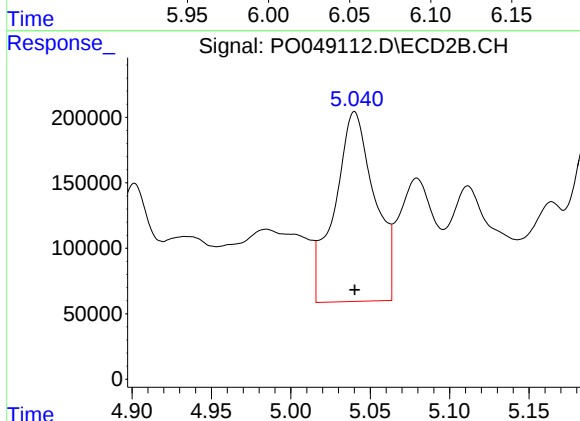
R.T.: 4.674 min
Delta R.T.: 0.005 min
Response: 1915554
Conc: 257.65 ng/ml



#7 AR-1016-5

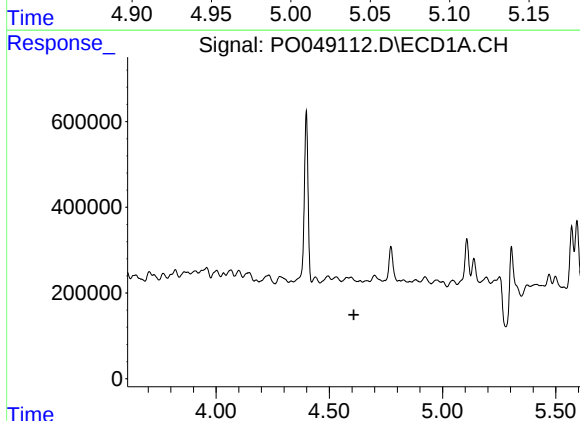
R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 2464106
Conc: 463.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



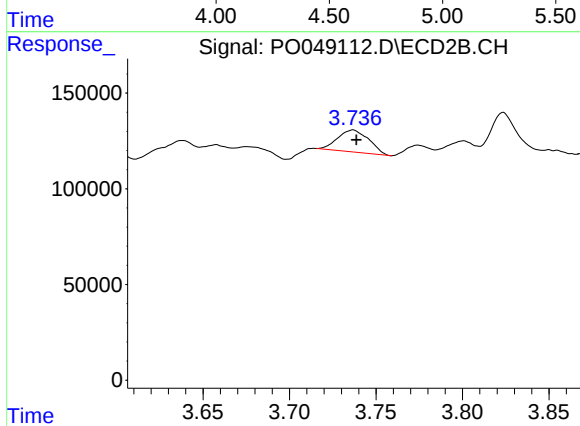
#7 AR-1016-5

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 2524745
Conc: 363.93 ng/ml



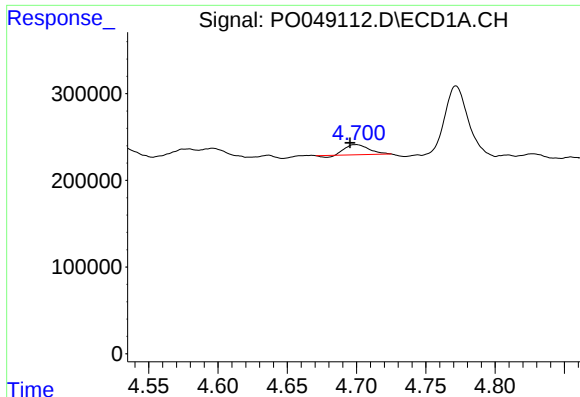
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.609 min
Response: 0
Conc: N.D.



#8 AR-1221-1

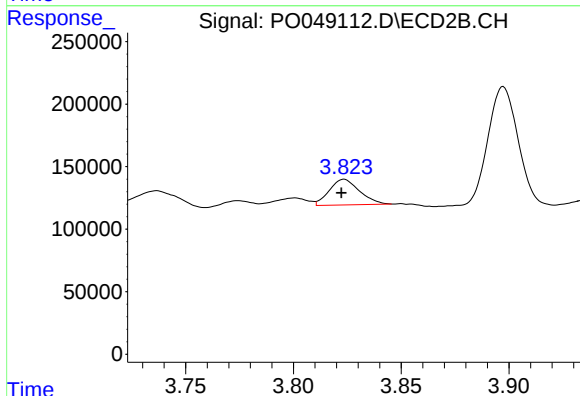
R.T.: 3.737 min
Delta R.T.: -0.002 min
Response: 143476
Conc: 70.65 ng/ml



#9 AR-1221-2

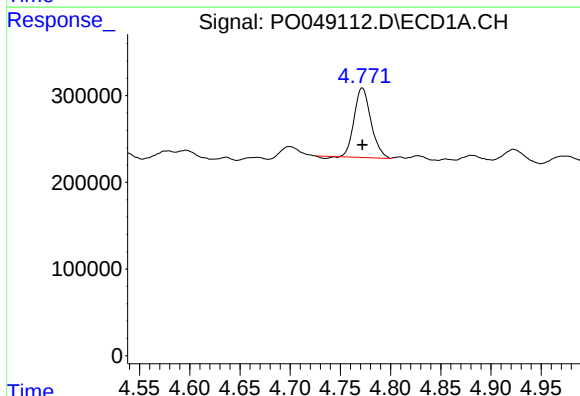
R.T.: 4.700 min
Delta R.T.: 0.004 min
Response: 132210
Conc: 96.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



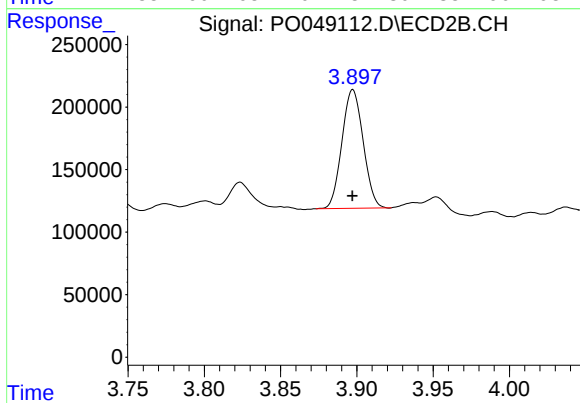
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: 0.001 min
Response: 199068
Conc: 128.79 ng/ml



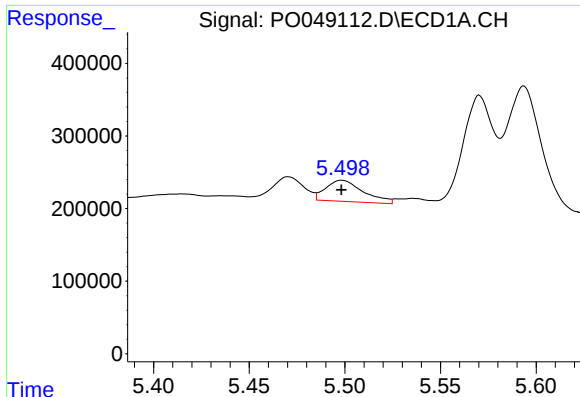
#10 AR-1221-3

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 921139
Conc: 203.68 ng/ml



#10 AR-1221-3

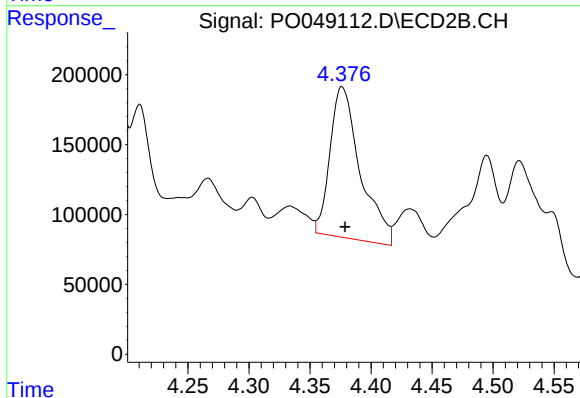
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 918464
Conc: 192.69 ng/ml



#11 AR-1232-1

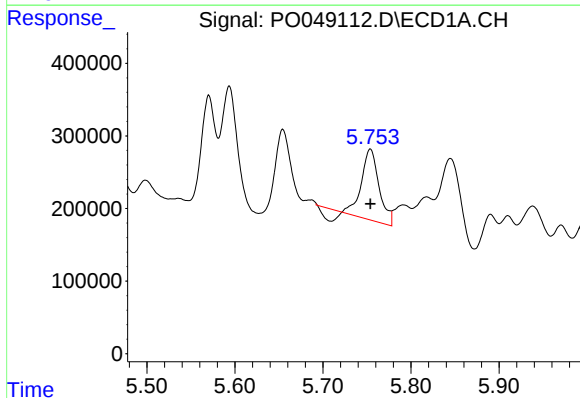
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 399120
Conc: 1102.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



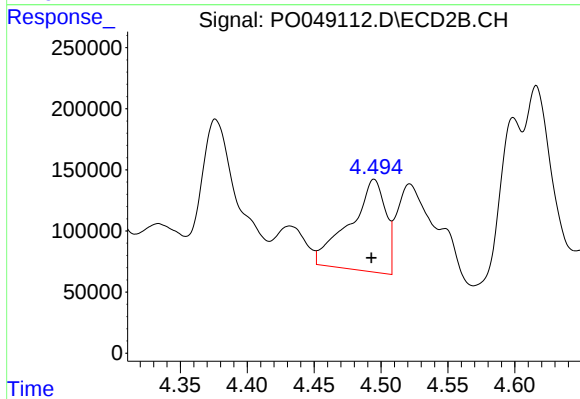
#11 AR-1232-1

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 1868225
Conc: 942.82 ng/ml



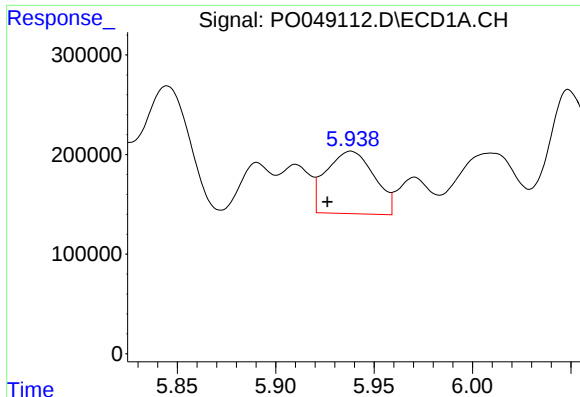
#12 AR-1232-2

R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 1237901
Conc: 644.73 ng/ml



#12 AR-1232-2

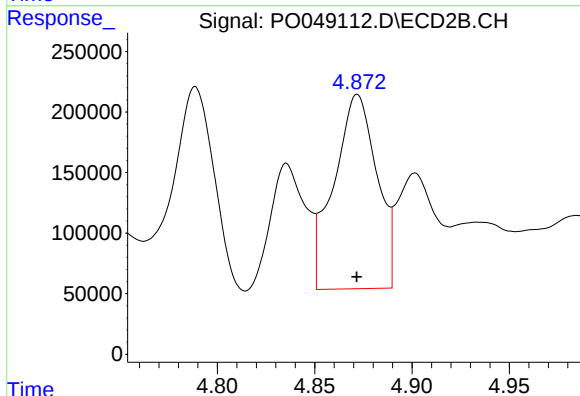
R.T.: 4.495 min
Delta R.T.: 0.002 min
Response: 1409083
Conc: 2081.05 ng/ml



#13 AR-1232-3

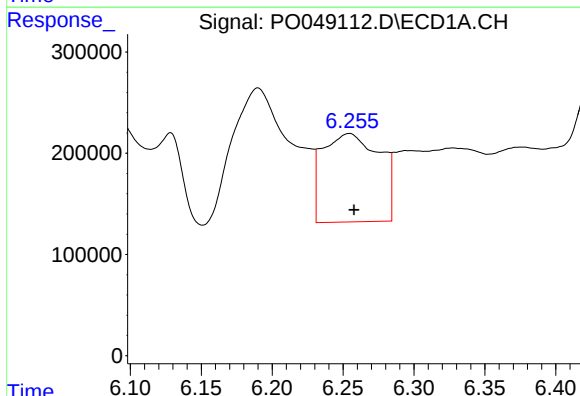
R.T.: 5.938 min
Delta R.T.: 0.012 min
Response: 1064819
Conc: 1974.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



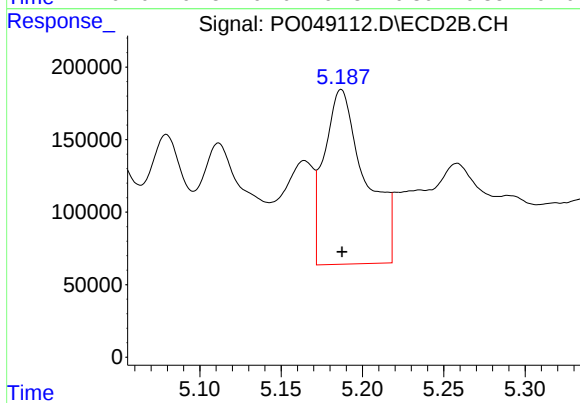
#13 AR-1232-3

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 2467256
Conc: 1314.83 ng/ml



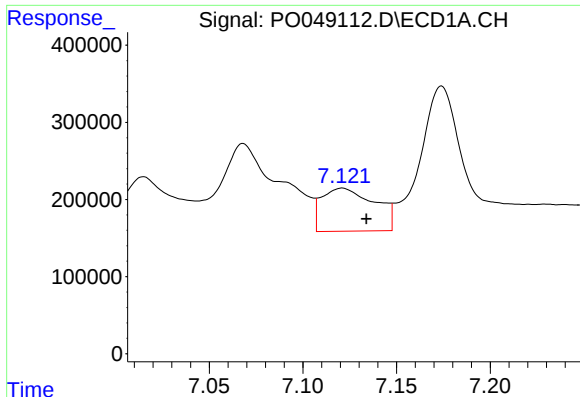
#14 AR-1232-4

R.T.: 6.254 min
Delta R.T.: -0.003 min
Response: 2435617
Conc: 5059.68 ng/ml



#14 AR-1232-4

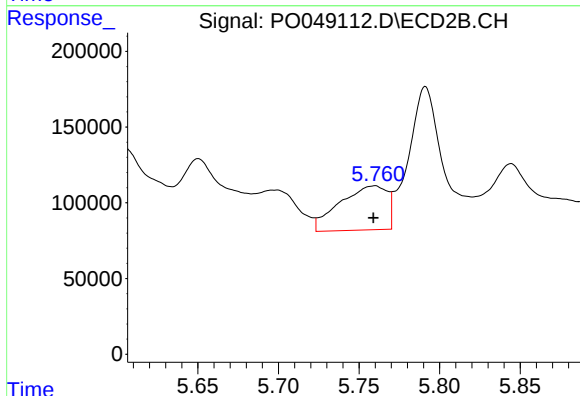
R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 2127886
Conc: 1014.74 ng/ml



#15 AR-1232-5

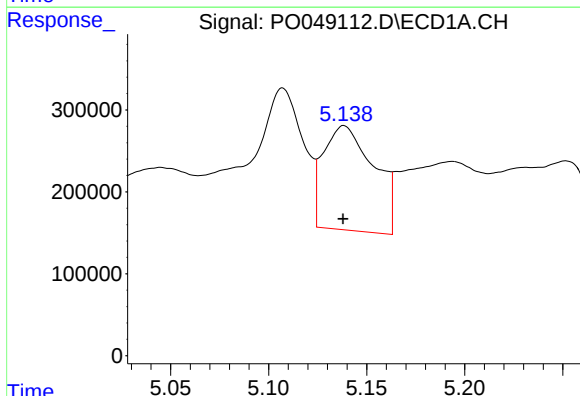
R.T.: 7.121 min
Delta R.T.: -0.013 min
Response: 1098632
Conc: 3556.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



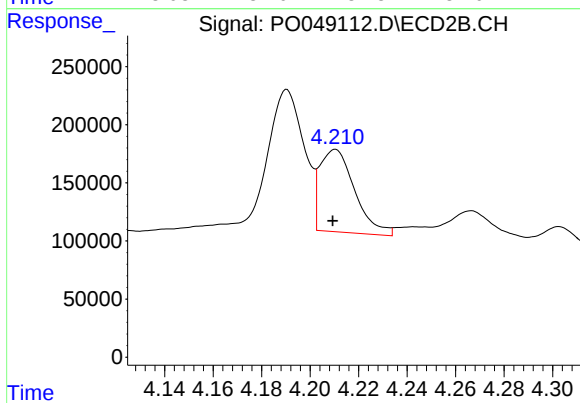
#15 AR-1232-5

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 598679
Conc: 2350.92 ng/ml



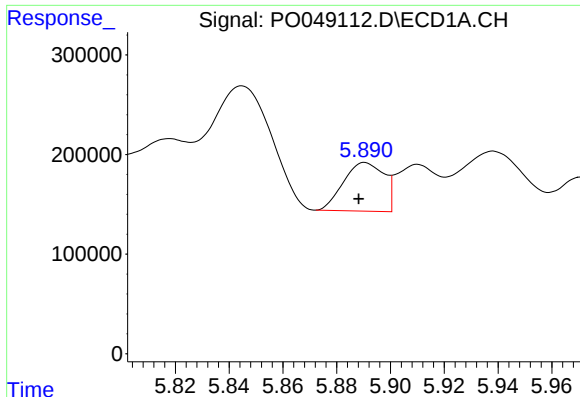
#16 AR-1242-1

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 2285994
Conc: 1367.68 ng/ml



#16 AR-1242-1

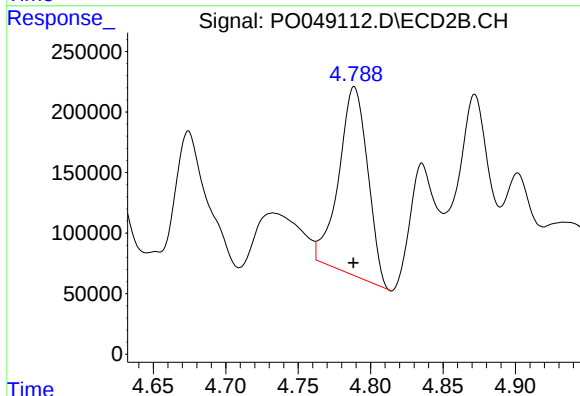
R.T.: 4.210 min
Delta R.T.: 0.001 min
Response: 711028
Conc: 376.63 ng/ml



#17 AR-1242-2

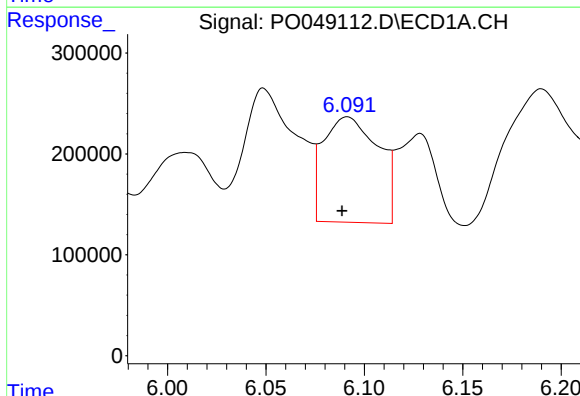
R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 509357
Conc: 156.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



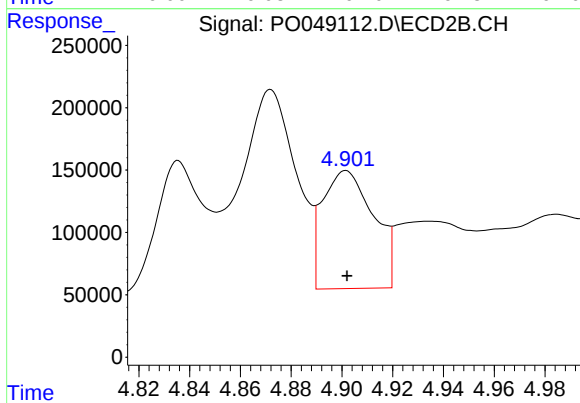
#17 AR-1242-2

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 2167303
Conc: 521.10 ng/ml



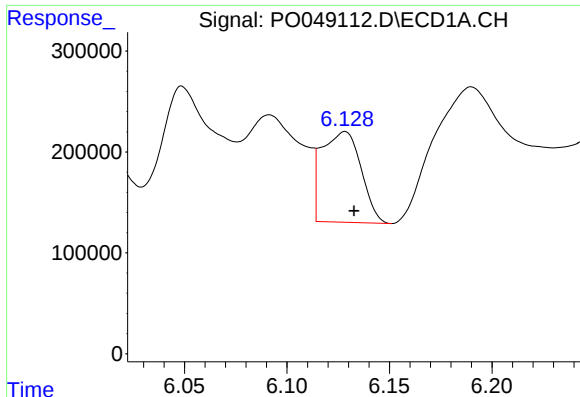
#18 AR-1242-3

R.T.: 6.091 min
Delta R.T.: 0.003 min
Response: 2027315
Conc: 1292.04 ng/ml



#18 AR-1242-3

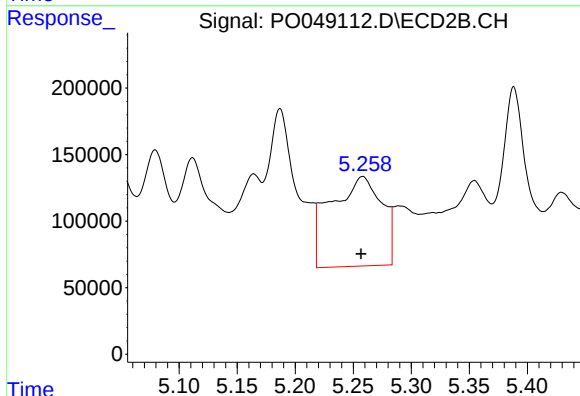
R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1321170
Conc: 902.72 ng/ml



#19 AR-1242-4

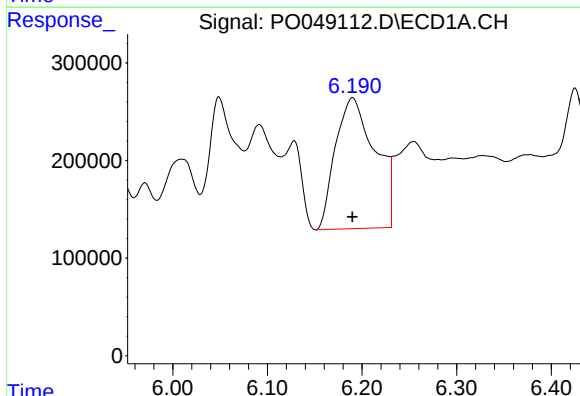
R.T.: 6.128 min
Delta R.T.: -0.005 min
Response: 1201546
Conc: 999.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



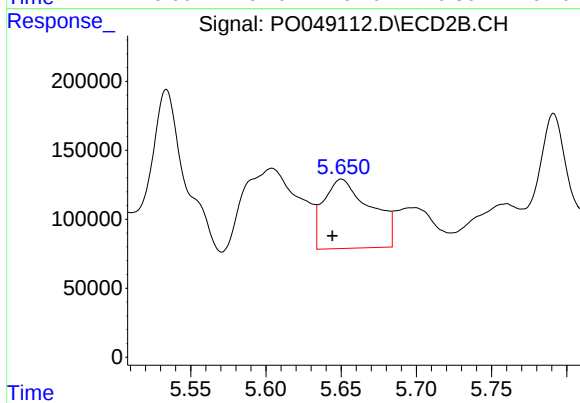
#19 AR-1242-4

R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 2068501
Conc: 1642.89 ng/ml



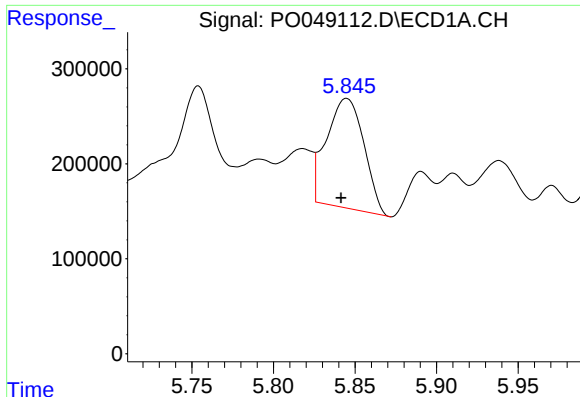
#20 AR-1242-5

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 3914057
Conc: 901.21 ng/ml



#20 AR-1242-5

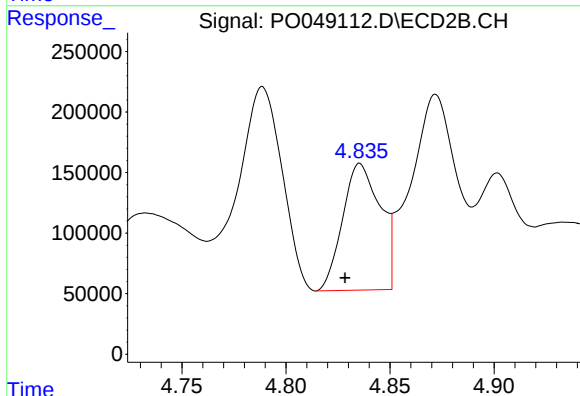
R.T.: 5.650 min
Delta R.T.: 0.006 min
Response: 1095631
Conc: 323.69 ng/ml



#21 AR-1248-1

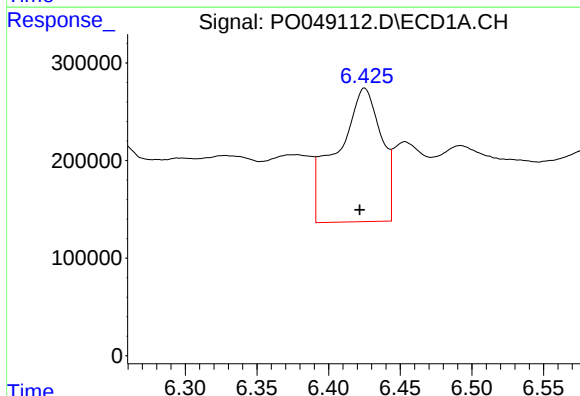
R.T.: 5.845 min
Delta R.T.: 0.003 min
Response: 1835412
Conc: 329.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



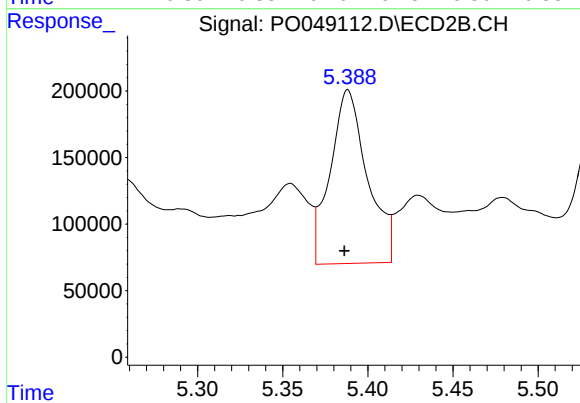
#21 AR-1248-1

R.T.: 4.836 min
Delta R.T.: 0.007 min
Response: 1313776
Conc: 195.88 ng/ml



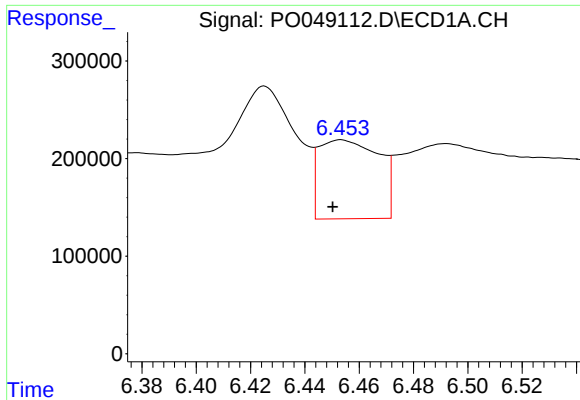
#22 AR-1248-2

R.T.: 6.425 min
Delta R.T.: 0.003 min
Response: 2929861
Conc: 481.51 ng/ml



#22 AR-1248-2

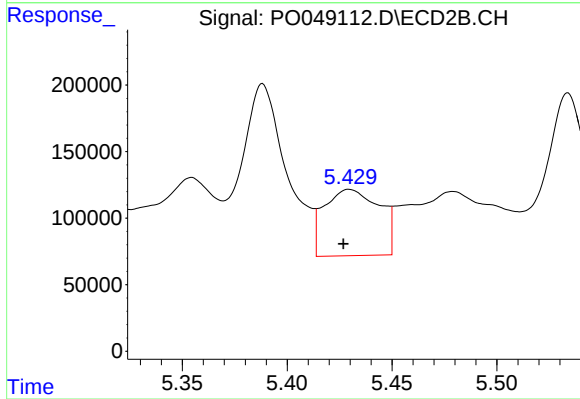
R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 1983792
Conc: 156.05 ng/ml



#23 AR-1248-3

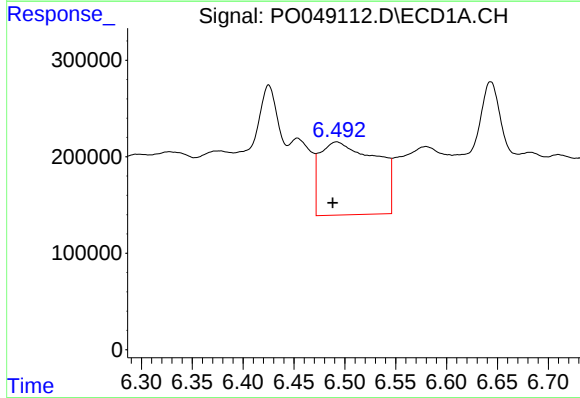
R.T.: 6.453 min
Delta R.T.: 0.003 min
Response: 1239392
Conc: 154.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



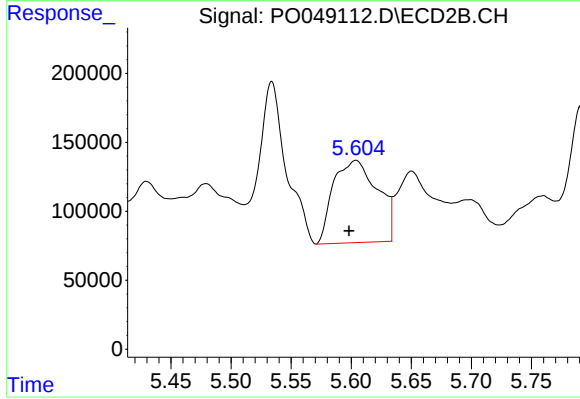
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: 0.003 min
Response: 913801
Conc: 101.80 ng/ml



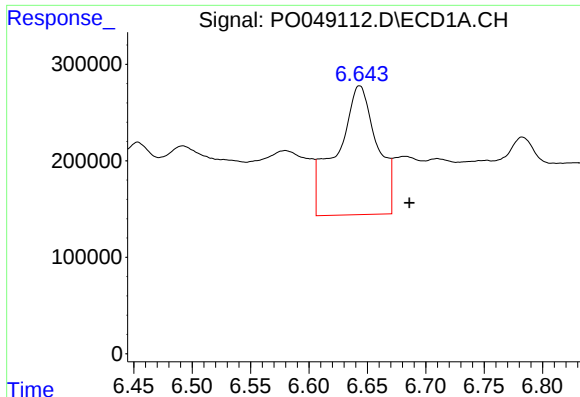
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: 0.004 min
Response: 2924949
Conc: 381.44 ng/ml



#24 AR-1248-4

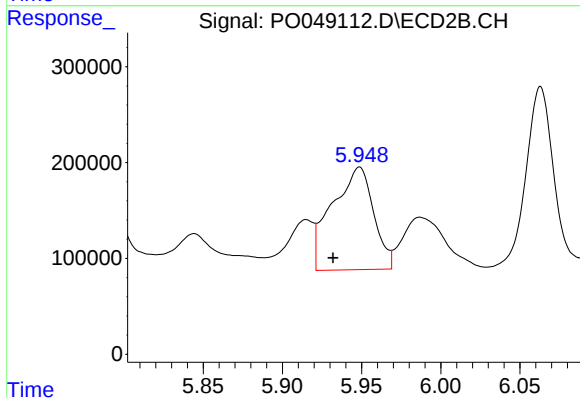
R.T.: 5.604 min
Delta R.T.: 0.006 min
Response: 1523425
Conc: 187.72 ng/ml



#25 AR-1248-5

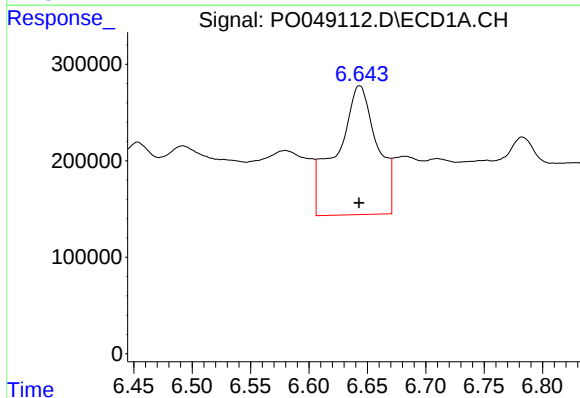
R.T.: 6.643 min
Delta R.T.: -0.043 min
Response: 3194690
Conc: 609.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



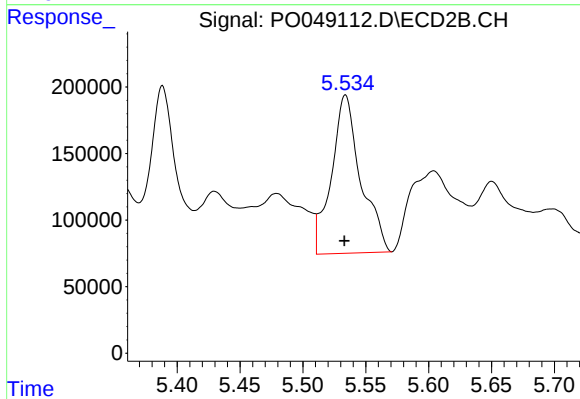
#25 AR-1248-5

R.T.: 5.949 min
Delta R.T.: 0.017 min
Response: 1947679
Conc: 310.55 ng/ml



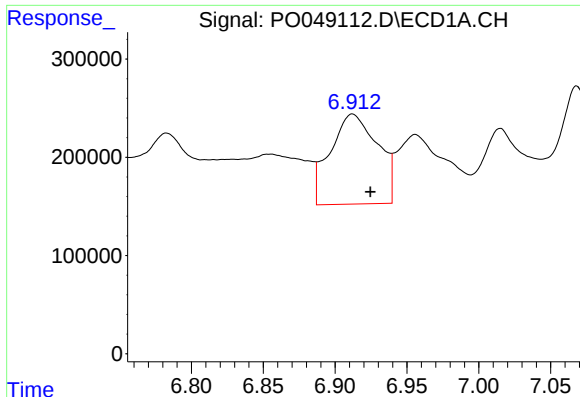
#26 AR-1254-1

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 3194690
Conc: 205.09 ng/ml



#26 AR-1254-1

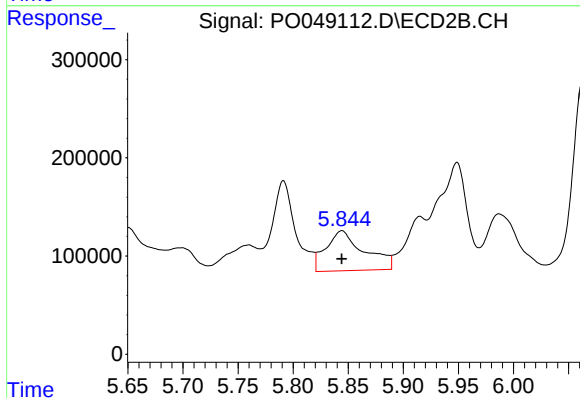
R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 1931005
Conc: 145.64 ng/ml



#27 AR-1254-2

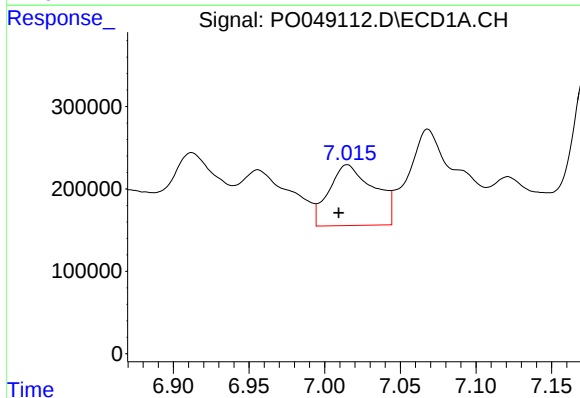
R.T.: 6.912 min
Delta R.T.: -0.012 min
Response: 2105413
Conc: 207.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



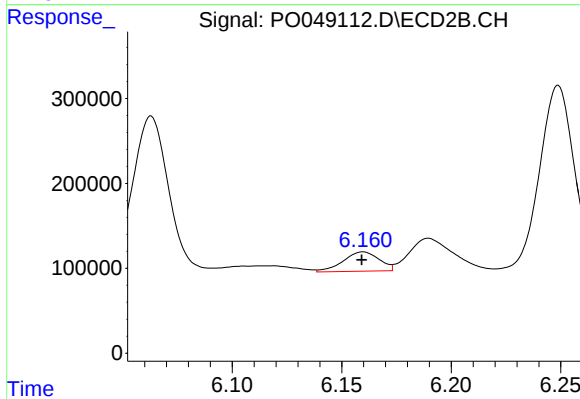
#27 AR-1254-2

R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 985969
Conc: 84.48 ng/ml



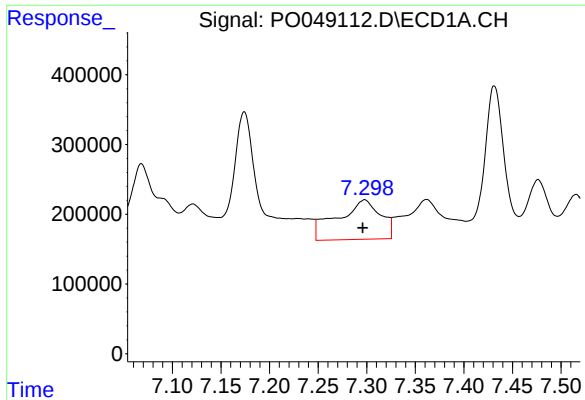
#28 AR-1254-3

R.T.: 7.015 min
Delta R.T.: 0.006 min
Response: 1534636
Conc: 85.65 ng/ml



#28 AR-1254-3

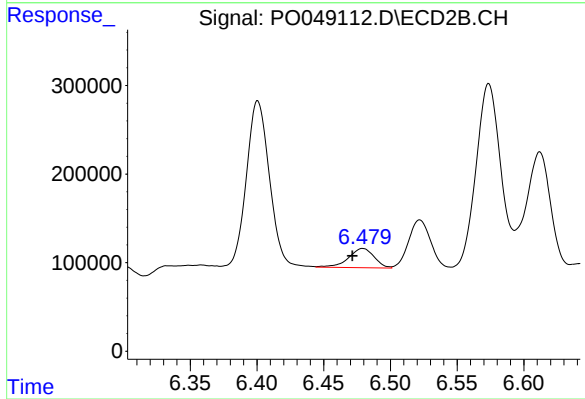
R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 261888
Conc: 17.73 ng/ml



#29 AR-1254-4

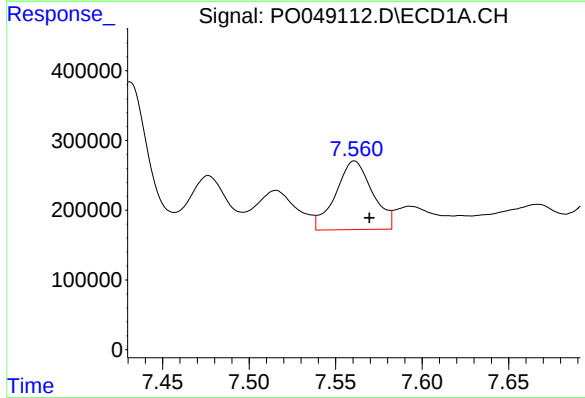
R.T.: 7.298 min
Delta R.T.: 0.002 min
Response: 1752167
Conc: 126.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



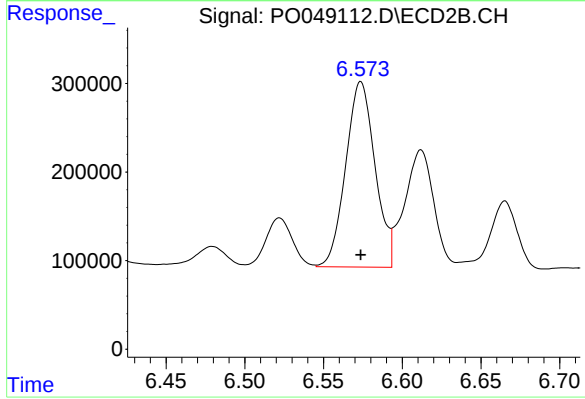
#29 AR-1254-4

R.T.: 6.479 min
Delta R.T.: 0.008 min
Response: 291153
Conc: 26.05 ng/ml



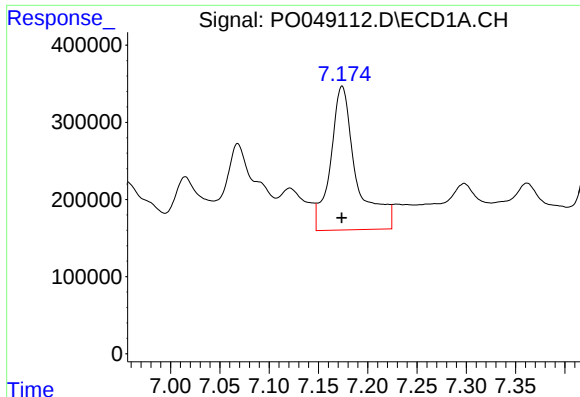
#30 AR-1254-5

R.T.: 7.561 min
Delta R.T.: -0.009 min
Response: 1456390
Conc: 144.27 ng/ml



#30 AR-1254-5

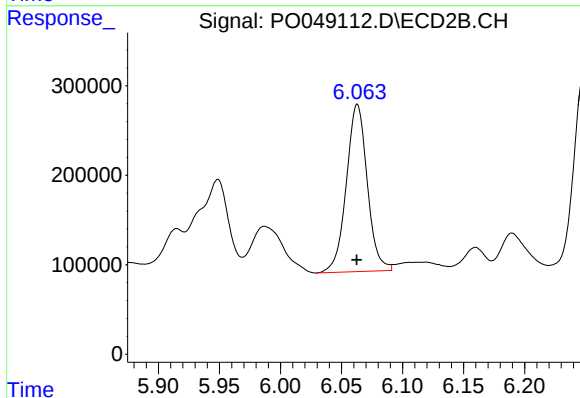
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 2717295
Conc: 129.81 ng/ml



#31 AR-1260-1

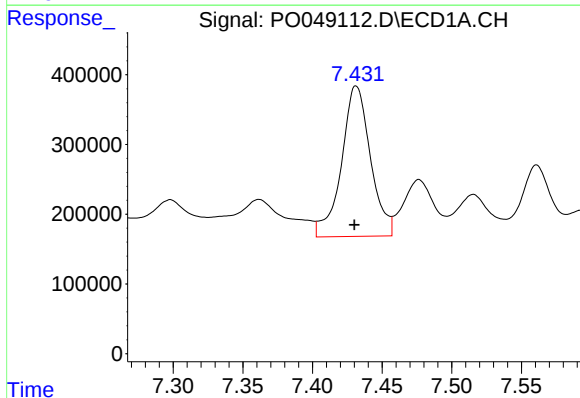
R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 3409507
Conc: 272.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



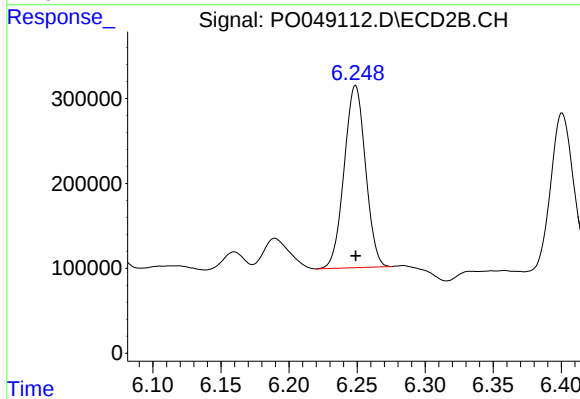
#31 AR-1260-1

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 2236718
Conc: 164.88 ng/ml



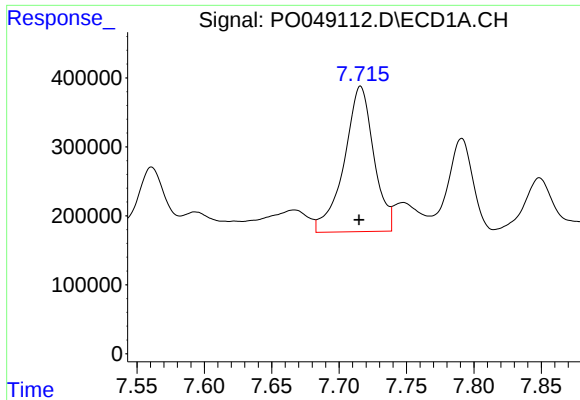
#32 AR-1260-2

R.T.: 7.431 min
Delta R.T.: 0.001 min
Response: 3128132
Conc: 225.46 ng/ml



#32 AR-1260-2

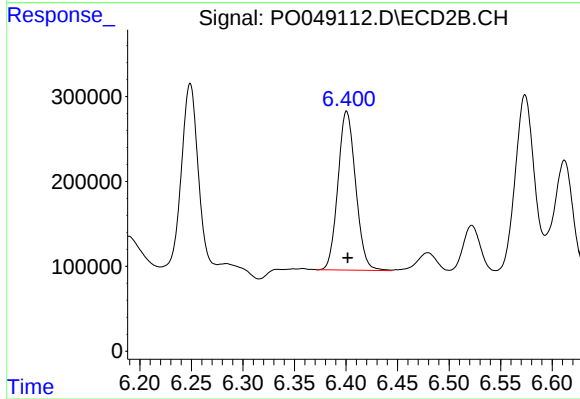
R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 2340793
Conc: 138.01 ng/ml



#33 AR-1260-3

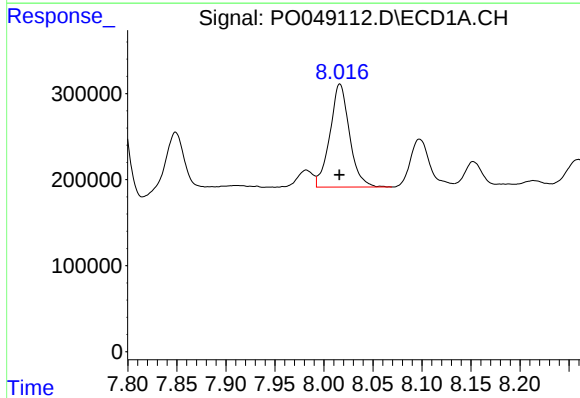
R.T.: 7.716 min
Delta R.T.: 0.001 min
Response: 3223581
Conc: 214.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



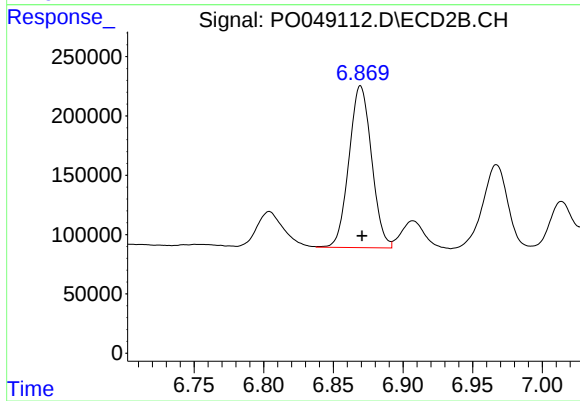
#33 AR-1260-3

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 2233944
Conc: 139.02 ng/ml



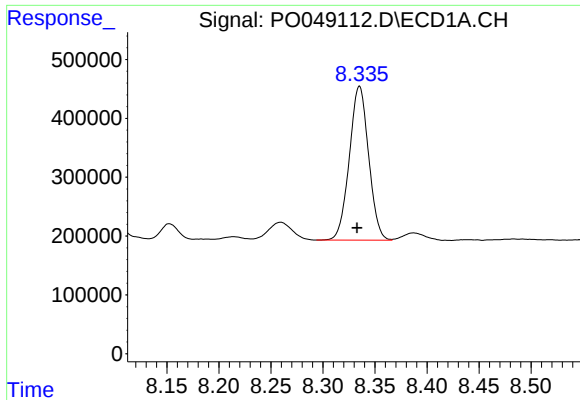
#34 AR-1260-4

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 1666212
Conc: 166.52 ng/ml



#34 AR-1260-4

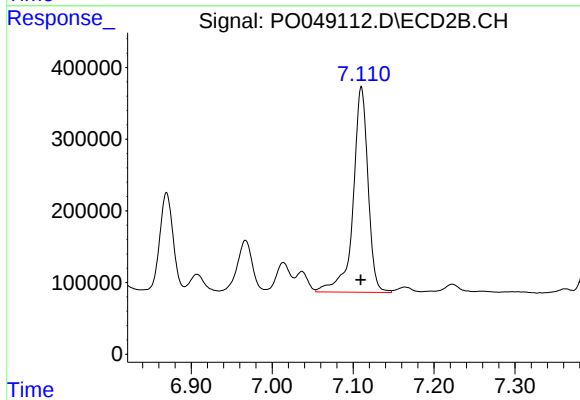
R.T.: 6.870 min
Delta R.T.: -0.001 min
Response: 1542615
Conc: 115.94 ng/ml



#35 AR-1260-5

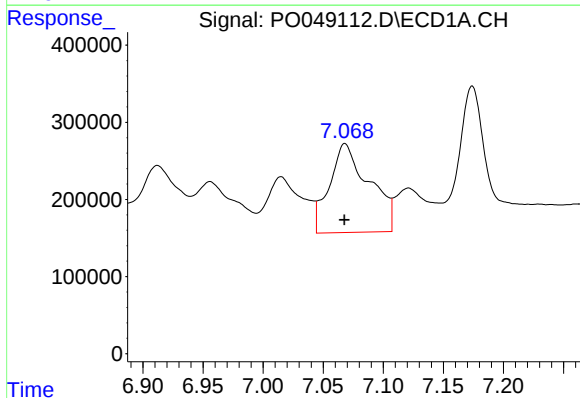
R.T.: 8.335 min
Delta R.T.: 0.002 min
Response: 3377155
Conc: 166.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



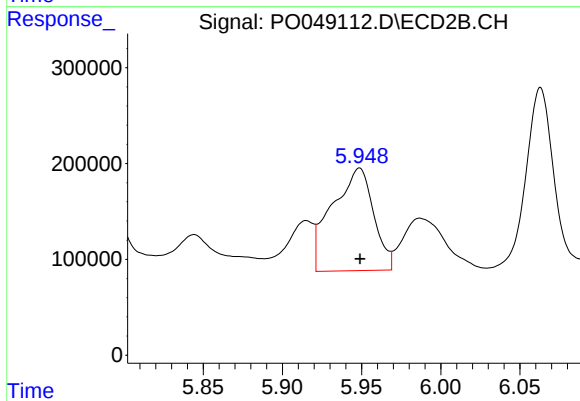
#35 AR-1260-5

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 3670445
Conc: 119.39 ng/ml



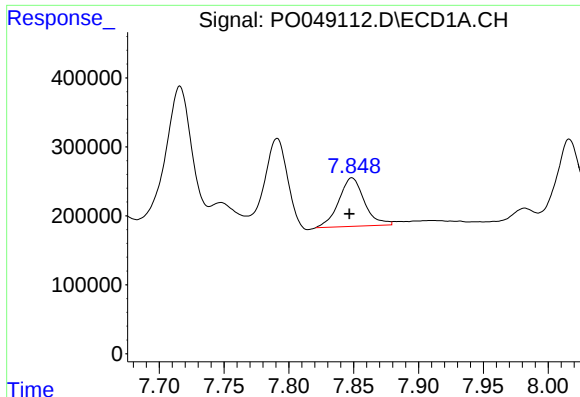
#36 AR-1262-1

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 2654463
Conc: 403.53 ng/ml



#36 AR-1262-1

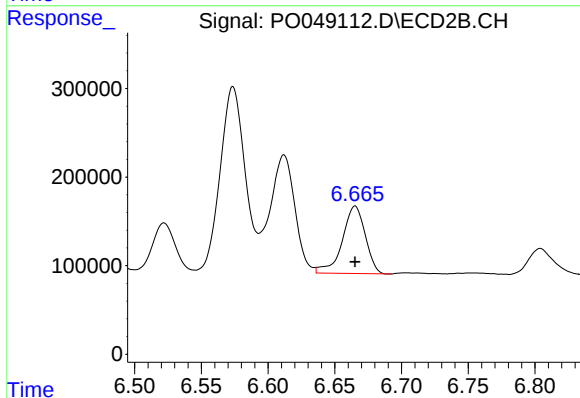
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 1947679
Conc: 259.97 ng/ml



#37 AR-1262-2

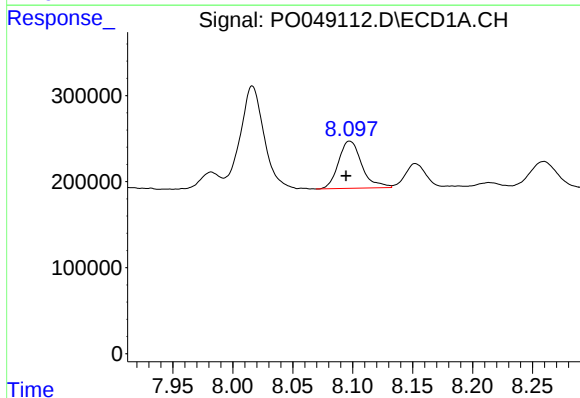
R.T.: 7.849 min
Delta R.T.: 0.002 min
Response: 967560
Conc: 188.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



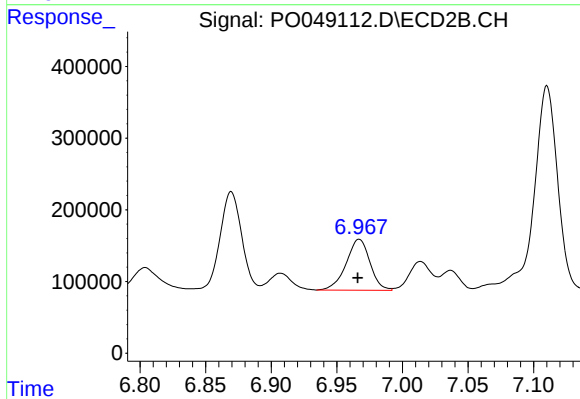
#37 AR-1262-2

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 913415
Conc: 121.16 ng/ml



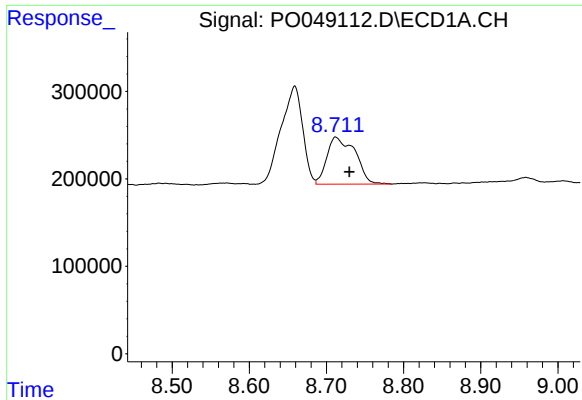
#38 AR-1262-3

R.T.: 8.098 min
Delta R.T.: 0.003 min
Response: 740288
Conc: 145.58 ng/ml



#38 AR-1262-3

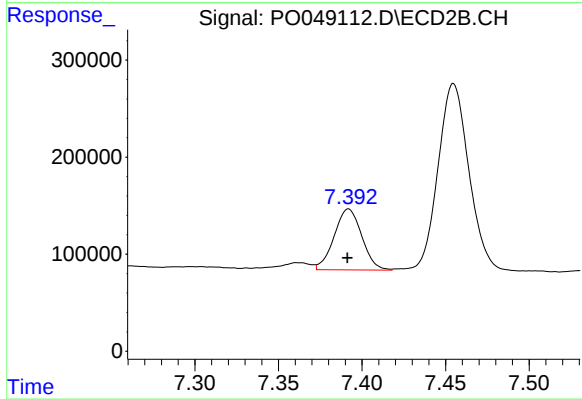
R.T.: 6.967 min
Delta R.T.: 0.001 min
Response: 897469
Conc: 109.22 ng/ml



#39 AR-1262-4

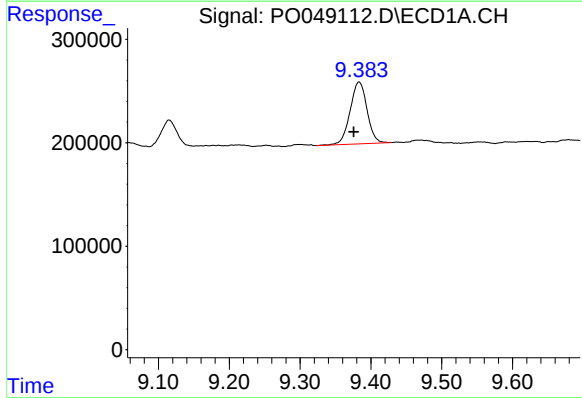
R.T.: 8.712 min
Delta R.T.: -0.018 min
Response: 1371496
Conc: 126.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



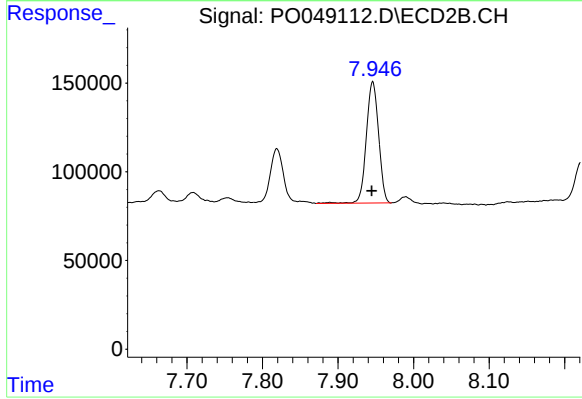
#39 AR-1262-4

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 722344
Conc: 58.45 ng/ml



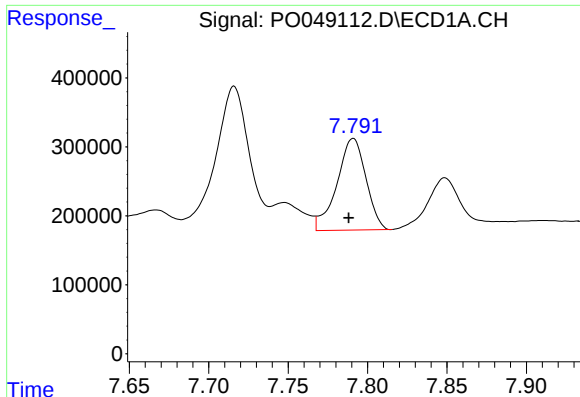
#40 AR-1262-5

R.T.: 9.383 min
Delta R.T.: 0.008 min
Response: 991298
Conc: 121.27 ng/ml



#40 AR-1262-5

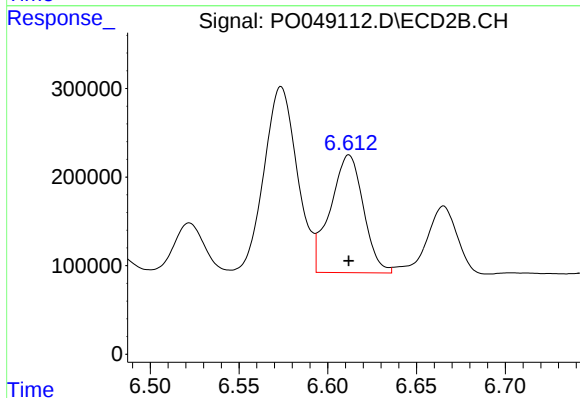
R.T.: 7.946 min
Delta R.T.: 0.001 min
Response: 772472
Conc: 76.03 ng/ml



#41 AR-1268-1

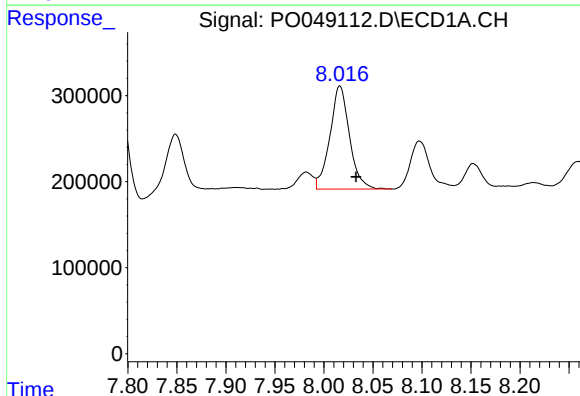
R.T.: 7.791 min
Delta R.T.: 0.003 min
Response: 1690169
Conc: 330.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



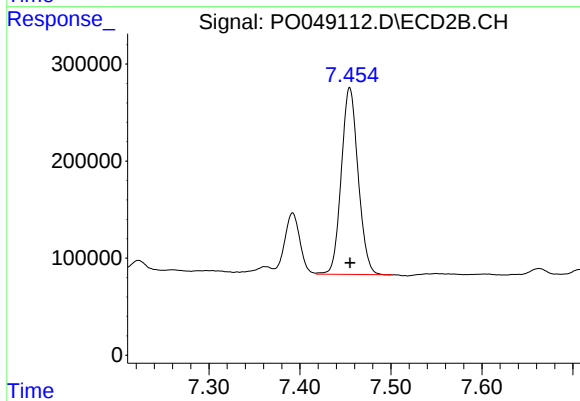
#41 AR-1268-1

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 1725646
Conc: 227.46 ng/ml



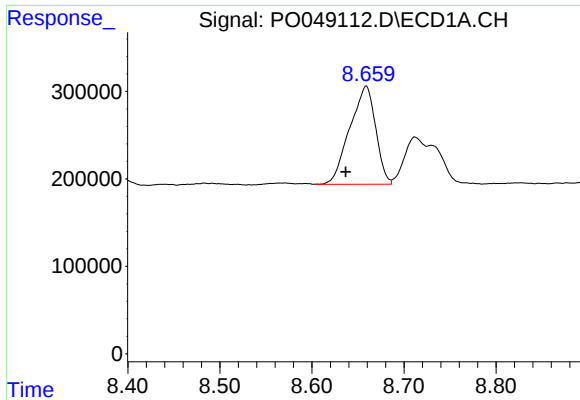
#42 AR-1268-2

R.T.: 8.016 min
Delta R.T.: -0.017 min
Response: 1666212
Conc: 272.33 ng/ml



#42 AR-1268-2

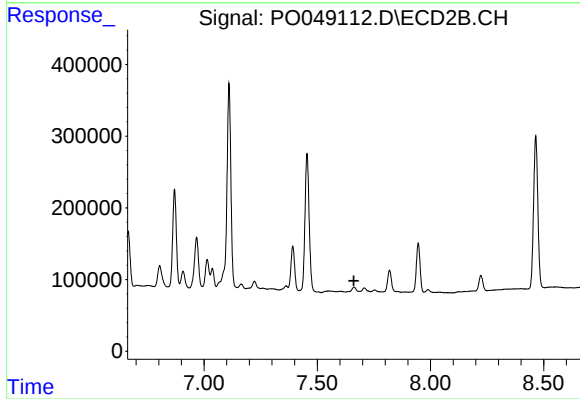
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 2469565
Conc: 74.26 ng/ml



#43 AR-1268-3

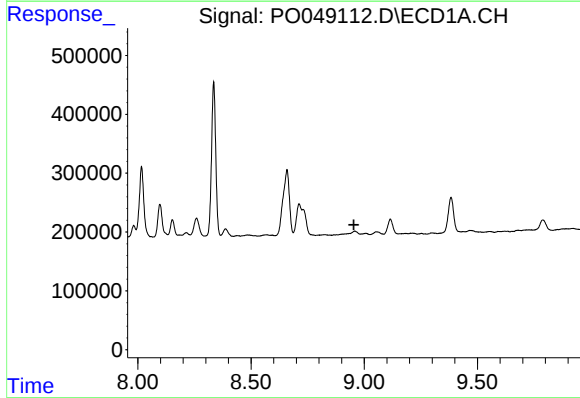
R.T.: 8.659 min
Delta R.T.: 0.022 min
Response: 2192031
Conc: 83.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



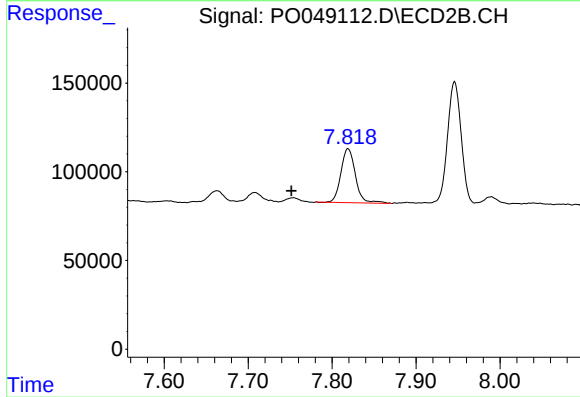
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.662 min
Response: 0
Conc: N.D.



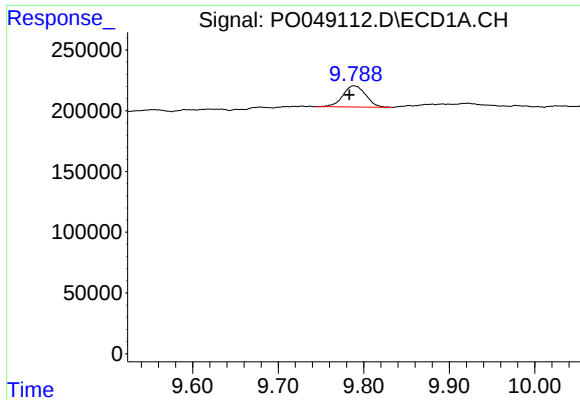
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

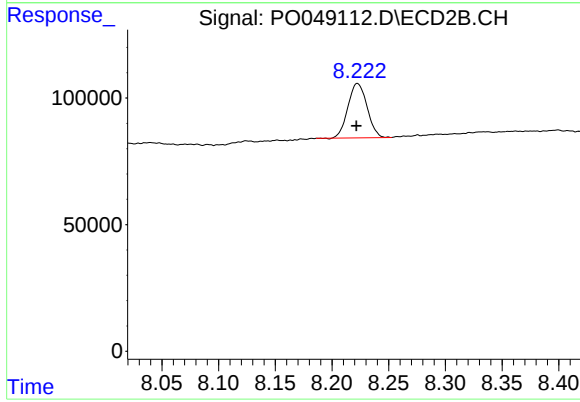
R.T.: 7.819 min
Delta R.T.: 0.068 min
Response: 363908
Conc: 46.98 ng/ml



#45 AR-1268-5

R.T.: 9.788 min
Delta R.T.: 0.005 min
Response: 325011
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.223 min
Delta R.T.: 0.001 min
Response: 252602
Conc: 3.56 ng/ml