

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091018\
 Data File : P0048907.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Sep 2018 23:18
 Operator : SM/SJ
 Sample : J4836-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 00:57:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 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...	4.399	3.530	4320453	7221127	35.807	46.199 #
2)	SA Decachlor...	0.000	8.465	0	2905176	N.D.	19.649 #
Target Compounds							
3)	L1 AR-1016-1	5.197	4.192	-278683	1777232	N.D.	410.097 #
4)	L1 AR-1016-2	5.302	4.598	1519533	2563950	441.824	398.180
5)	L1 AR-1016-3	5.593	4.617	3185618	3729278	630.917	441.662 #
6)	L1 AR-1016-4	5.728	4.671	112847	2174050	24.518	370.076 #
7)	L1 AR-1016-5	6.089	5.042	473358	1979428	121.964	382.882 #
8)	L2 AR-1221-1	4.696	3.740	145309	208119	93.584	97.217
9)	L2 AR-1221-2	4.696	3.824	145309	347194	121.506	214.193 #
10)	L2 AR-1221-3	0.000	3.899	0	1181130	N.D.	239.842 #
11)	L3 AR-1232-1	5.655	4.380	1881252	1834840	678.151	951.697 #
12)	L3 AR-1232-2	0.000	4.495	0	542094	N.D.	815.941 #
13)	L3 AR-1232-3	6.011	4.874	905805	1821438	2107.501	1045.893 #
14)	L3 AR-1232-4	6.255	5.189	472472	1490407	1192.648	805.973 #
15)	L3 AR-1232-5	7.174	5.758	1919621	393756	8166.582	1571.569 #
16)	L4 AR-1242-1	5.197	4.212	-278683	1013597	N.D.	516.447 #
17)	L4 AR-1242-2	5.927	4.790	166633	2045609	58.009	505.643 #
18)	L4 AR-1242-3	6.134	4.904	415156	687603	290.086	480.249 #
19)	L4 AR-1242-4	6.188	5.259	1121116	617282	1015.846	510.010 #
20)	L4 AR-1242-5	6.255	5.652	472472	5358414	124.293	1732.976 #
21)	L5 AR-1248-1	5.888	4.832	-282164	1408521	N.D.	265.263 #
22)	L5 AR-1248-2	6.489	5.393	176281	3007493	33.684	313.178 #
23)	L5 AR-1248-3	6.489	5.430	176281	540767	25.897	79.459 #
24)	L5 AR-1248-4	6.580	5.590	171665	8460080	26.073	1392.555 #
25)	L5 AR-1248-5	6.706	5.951	3845126	2293018	845.656	492.679 #
26)	L6 AR-1254-1	6.706	5.535	3845126	1701438	339.390	167.676 #
27)	L6 AR-1254-2	6.954	5.846	439402	615359	59.827	69.758
28)	L6 AR-1254-3	7.067	6.162	1223383	305520	96.063	27.718 #
29)	L6 AR-1254-4	7.361	6.481	529251	295602	54.589	36.394 #
30)	L6 AR-1254-5	7.647	6.575	1108411	3461399	143.414	228.385 #
31)	L7 AR-1260-1	7.174	6.064	1919621	2921627	232.996	280.649
32)	L7 AR-1260-2	7.475	6.250	946531	3242317	96.324	258.917 #
33)	L7 AR-1260-3	7.743	6.402	502587	2854642	42.121	240.607 #
34)	L7 AR-1260-4	8.094	6.871	1096952	1928698	127.806	203.857 #
35)	L7 AR-1260-5	8.385	7.111	192463	4211508	11.593	193.946 #
36)	L8 AR-1262-1	7.120	5.951	255631	2293018	52.354	416.568 #
37)	L8 AR-1262-2	7.847	6.667	1194437	1046072	274.900	193.172 #
38)	L8 AR-1262-3	8.151	6.968	613083	1064177	126.196	178.398 #
39)	L8 AR-1262-4	0.000	7.393	0	764284	N.D.	86.100 #
40)	L8 AR-1262-5	0.000	7.946	0	846990	N.D.	111.980 #
41)	L9 AR-1268-1	7.847	6.613	1194437	2043407	279.655	374.436 #

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 ALS Vial : 26 Sample Multiplier: 1

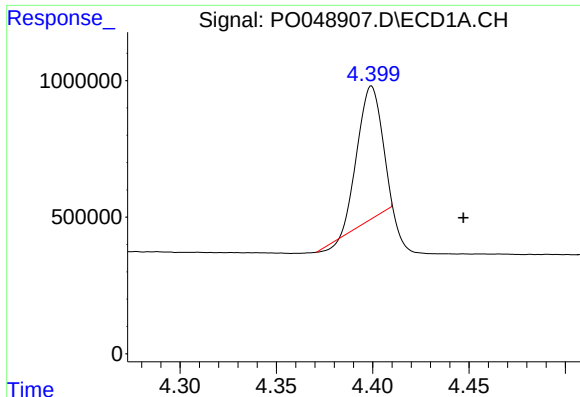
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 00:57:41 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.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	8.094	7.456	1096952	2896044	201.086	121.811 #
43) L9	AR-1268-3	8.709	7.663	1124963	80155	50.886	4.095 #
44) L9	AR-1268-4	0.000	7.820	0	417659	N.D.	74.358 #
45) L9	AR-1268-5	0.000	8.223	0	270613	N.D.	4.963 #

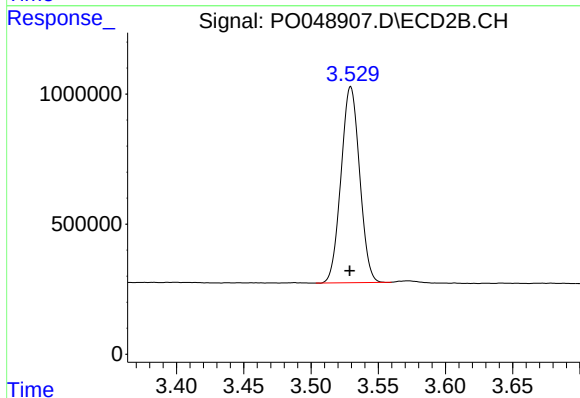
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

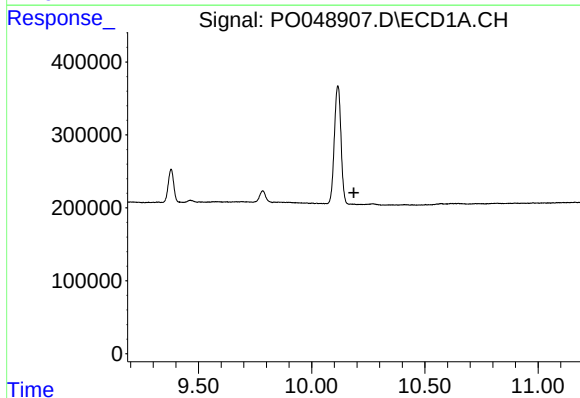
R.T.: 4.399 min
Delta R.T.: -0.048 min
Response: 4320453
Conc: 35.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



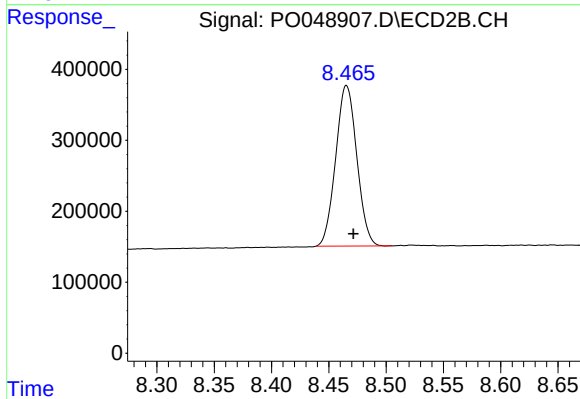
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 7221127
Conc: 46.20 ng/ml



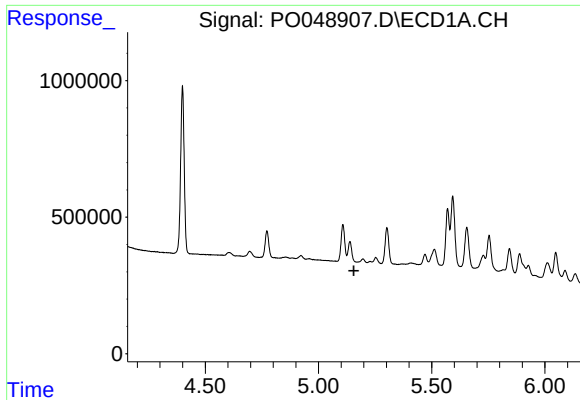
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.186 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

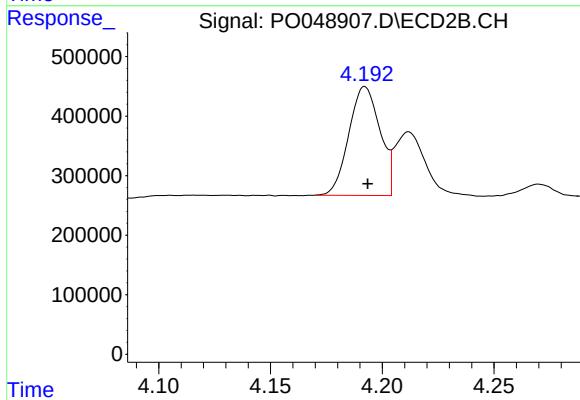
R.T.: 8.465 min
Delta R.T.: -0.006 min
Response: 2905176
Conc: 19.65 ng/ml



#3 AR-1016-1

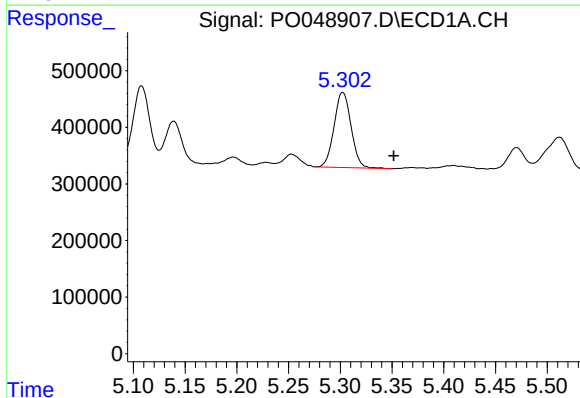
R.T.: 5.197 min
Delta R.T.: 0.040 min
Response: -278683
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



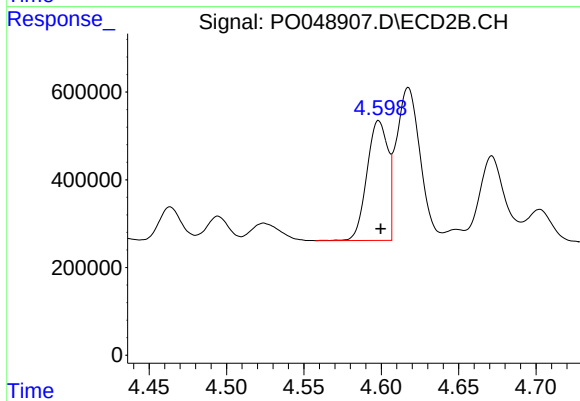
#3 AR-1016-1

R.T.: 4.192 min
Delta R.T.: -0.001 min
Response: 1777232
Conc: 410.10 ng/ml



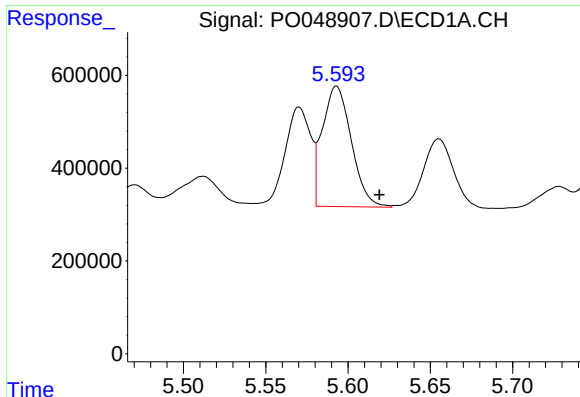
#4 AR-1016-2

R.T.: 5.302 min
Delta R.T.: -0.049 min
Response: 1519533
Conc: 441.82 ng/ml



#4 AR-1016-2

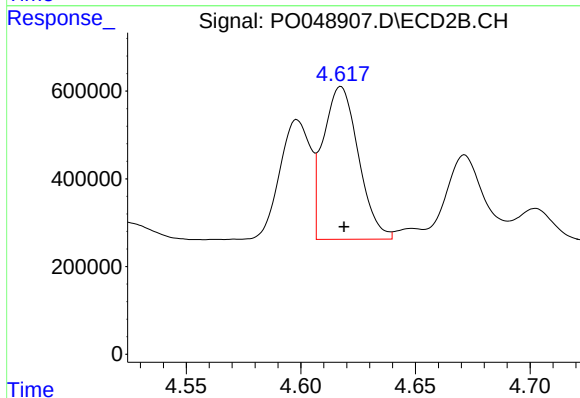
R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 2563950
Conc: 398.18 ng/ml



#5 AR-1016-3

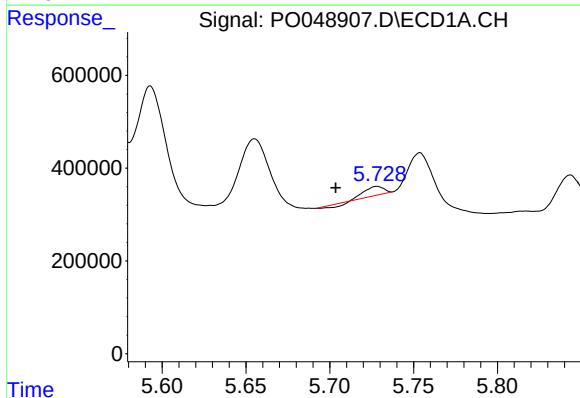
R.T.: 5.593 min
Delta R.T.: -0.026 min
Response: 3185618
Conc: 630.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



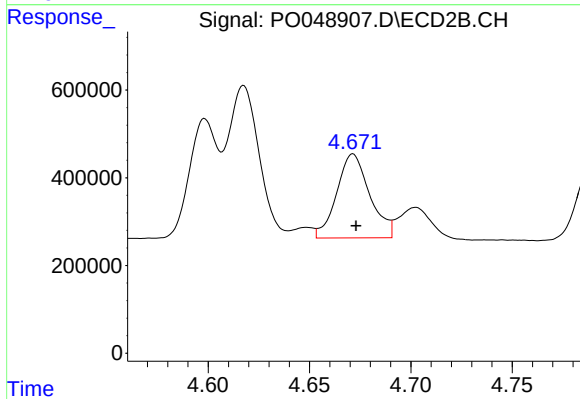
#5 AR-1016-3

R.T.: 4.617 min
Delta R.T.: -0.001 min
Response: 3729278
Conc: 441.66 ng/ml



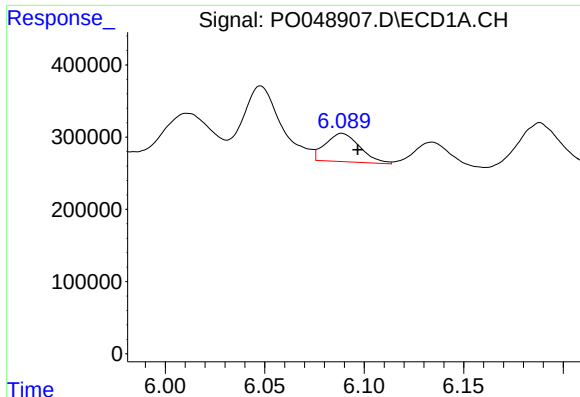
#6 AR-1016-4

R.T.: 5.728 min
Delta R.T.: 0.025 min
Response: 112847
Conc: 24.52 ng/ml



#6 AR-1016-4

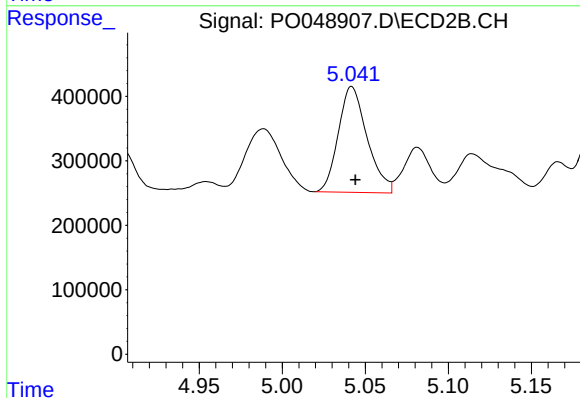
R.T.: 4.671 min
Delta R.T.: -0.001 min
Response: 2174050
Conc: 370.08 ng/ml



#7 AR-1016-5

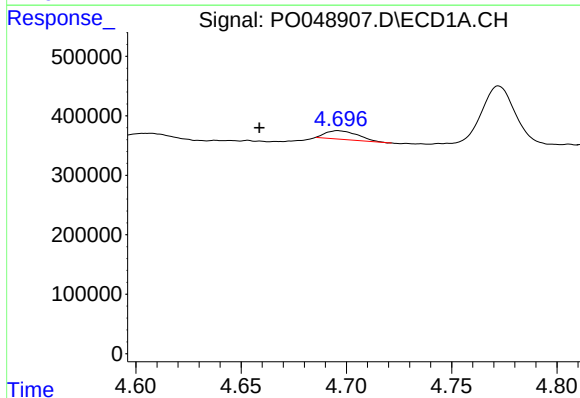
R.T.: 6.089 min
Delta R.T.: -0.008 min
Response: 473358
Conc: 121.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



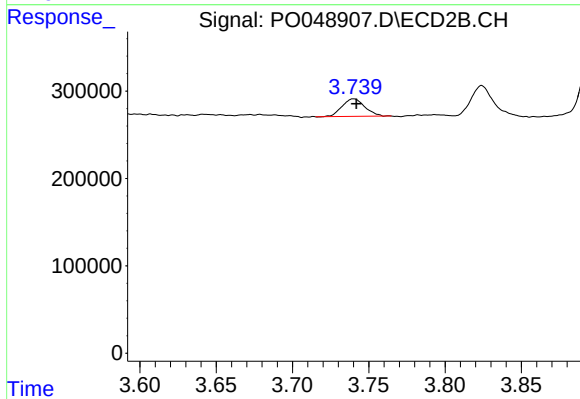
#7 AR-1016-5

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 1979428
Conc: 382.88 ng/ml



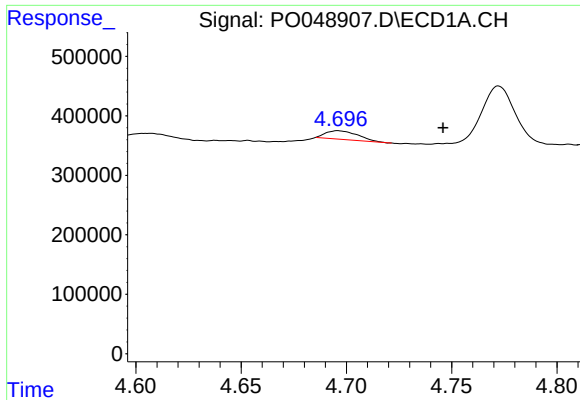
#8 AR-1221-1

R.T.: 4.696 min
Delta R.T.: 0.037 min
Response: 145309
Conc: 93.58 ng/ml



#8 AR-1221-1

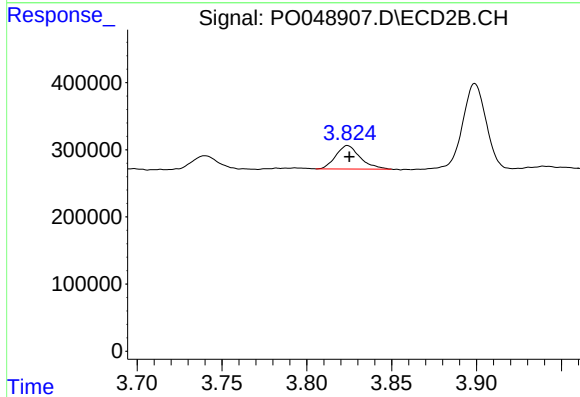
R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 208119
Conc: 97.22 ng/ml



#9 AR-1221-2

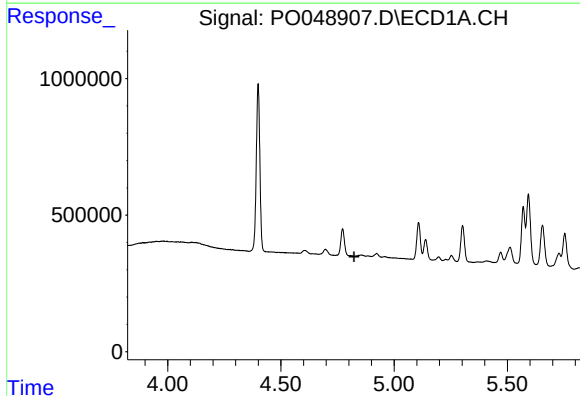
R.T.: 4.696 min
Delta R.T.: -0.050 min
Response: 145309
Conc: 121.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



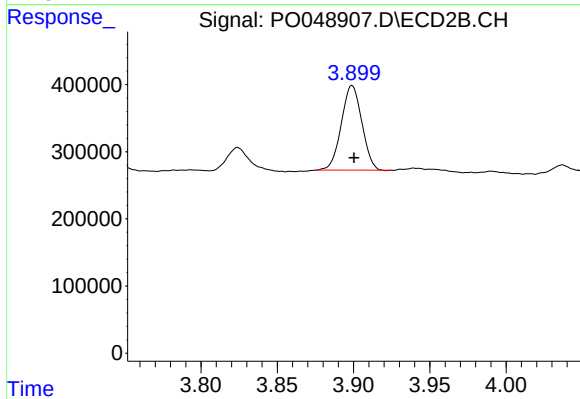
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 347194
Conc: 214.19 ng/ml



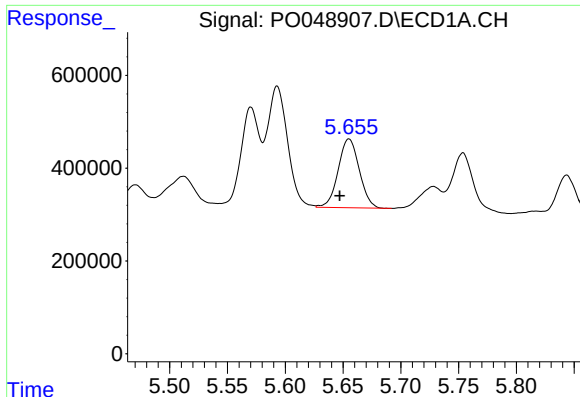
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.823 min
Response: 0
Conc: N.D.



#10 AR-1221-3

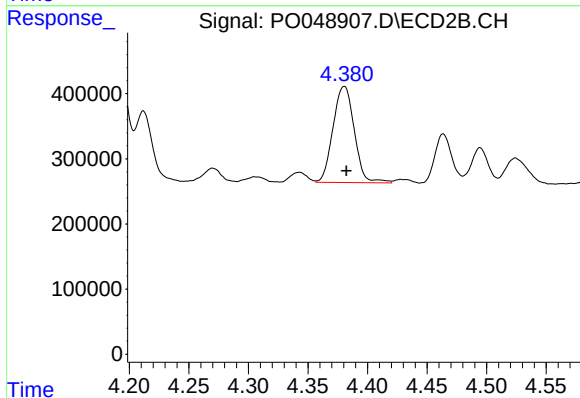
R.T.: 3.899 min
Delta R.T.: -0.001 min
Response: 1181130
Conc: 239.84 ng/ml



#11 AR-1232-1

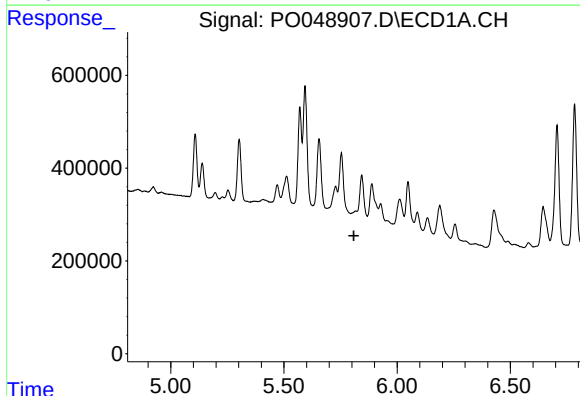
R.T.: 5.655 min
Delta R.T.: 0.008 min
Response: 1881252
Conc: 678.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



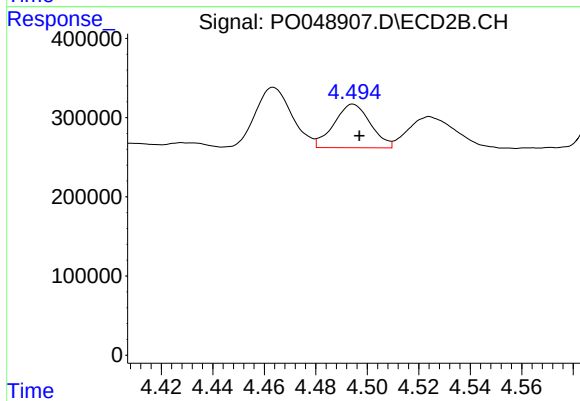
#11 AR-1232-1

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 1834840
Conc: 951.70 ng/ml



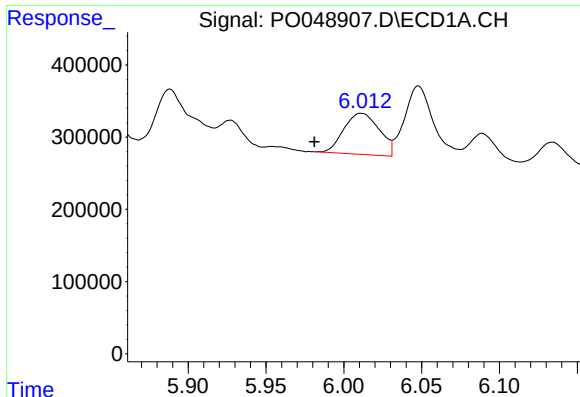
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.809 min
Response: 0
Conc: N.D.



#12 AR-1232-2

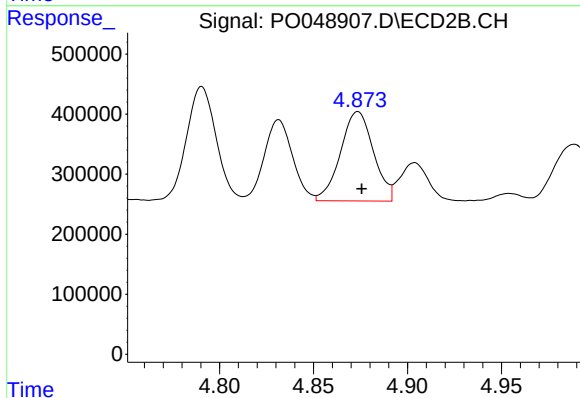
R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 542094
Conc: 815.94 ng/ml



#13 AR-1232-3

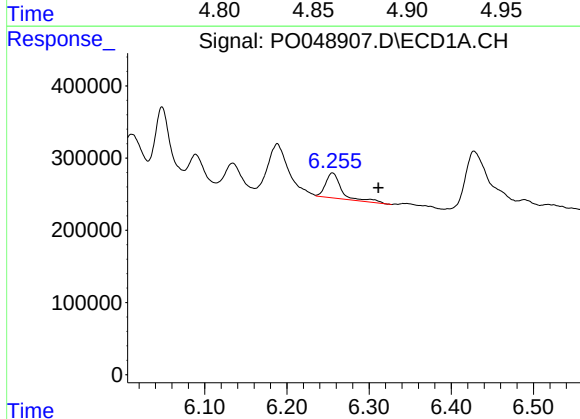
R.T.: 6.011 min
Delta R.T.: 0.030 min
Response: 905805
Conc: 2107.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



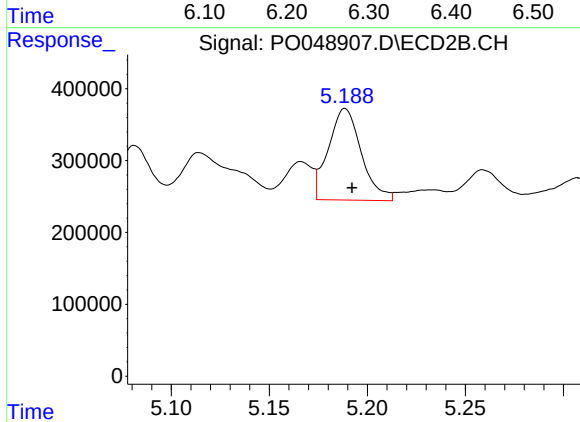
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 1821438
Conc: 1045.89 ng/ml



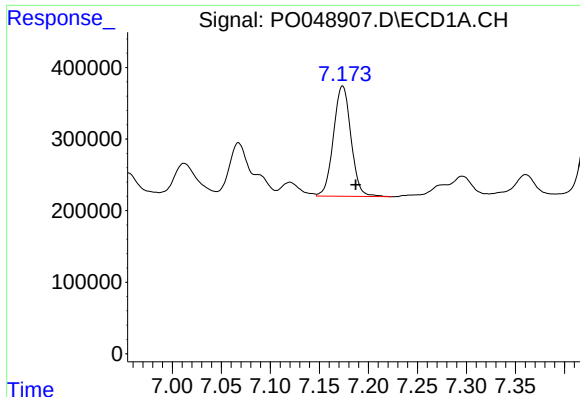
#14 AR-1232-4

R.T.: 6.255 min
Delta R.T.: -0.056 min
Response: 472472
Conc: 1192.65 ng/ml



#14 AR-1232-4

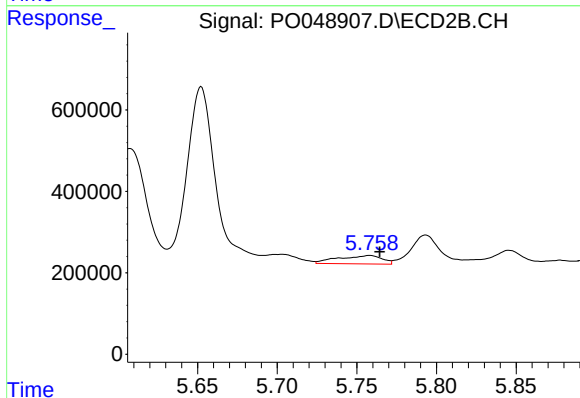
R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 1490407
Conc: 805.97 ng/ml



#15 AR-1232-5

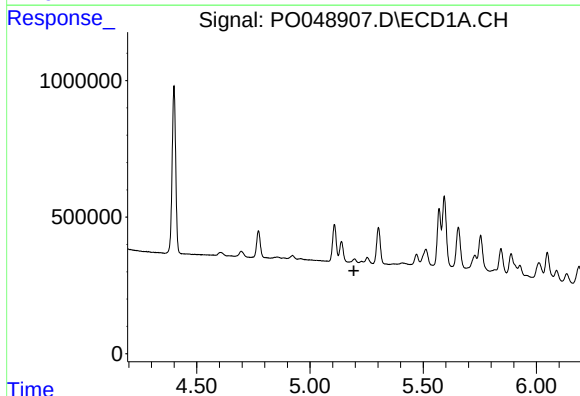
R.T.: 7.174 min
Delta R.T.: -0.013 min
Response: 1919621
Conc: 8166.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



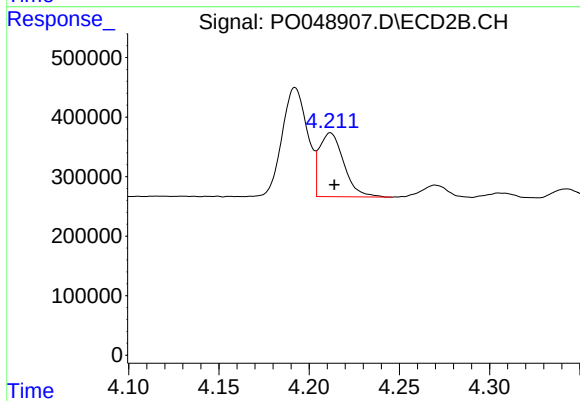
#15 AR-1232-5

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 393756
Conc: 1571.57 ng/ml



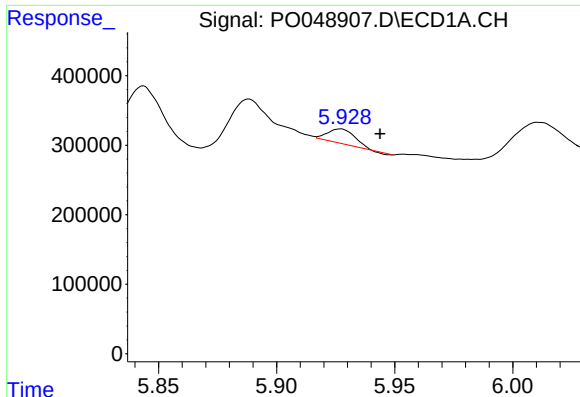
#16 AR-1242-1

R.T.: 5.197 min
Delta R.T.: 0.003 min
Response: -278683
Conc: N.D.



#16 AR-1242-1

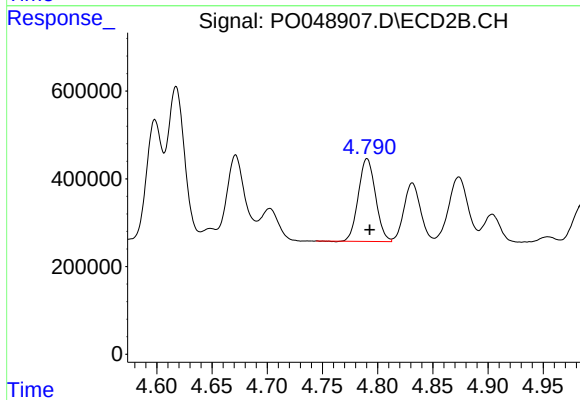
R.T.: 4.212 min
Delta R.T.: -0.002 min
Response: 1013597
Conc: 516.45 ng/ml



#17 AR-1242-2

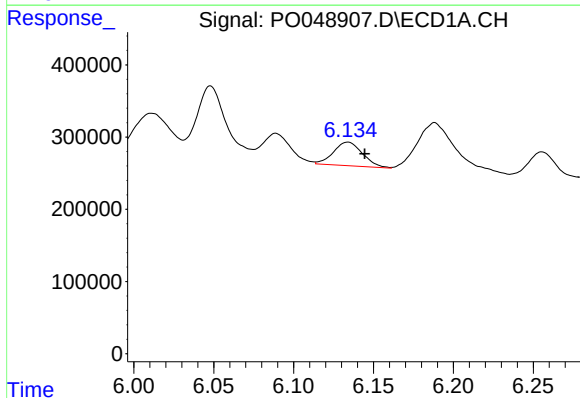
R.T.: 5.927 min
Delta R.T.: -0.017 min
Response: 166633
Conc: 58.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



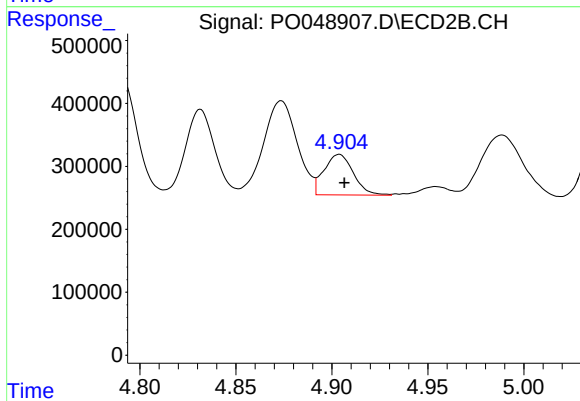
#17 AR-1242-2

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 2045609
Conc: 505.64 ng/ml



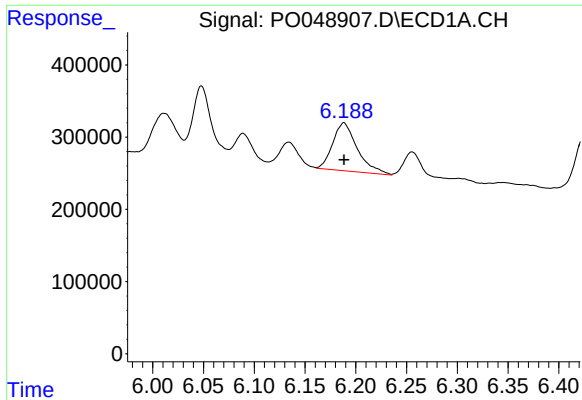
#18 AR-1242-3

R.T.: 6.134 min
Delta R.T.: -0.010 min
Response: 415156
Conc: 290.09 ng/ml



#18 AR-1242-3

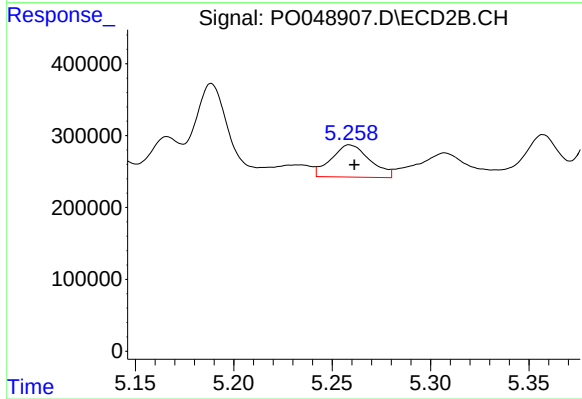
R.T.: 4.904 min
Delta R.T.: -0.003 min
Response: 687603
Conc: 480.25 ng/ml



#19 AR-1242-4

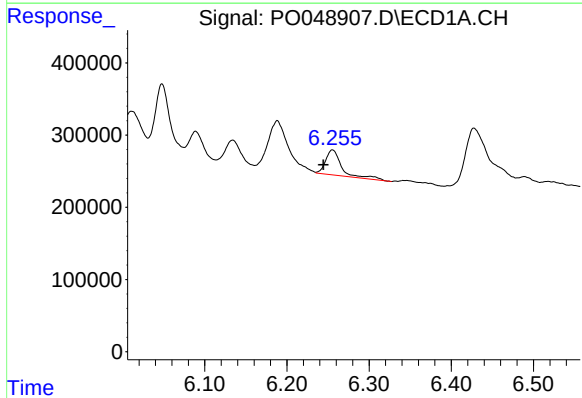
R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 1121116
Conc: 1015.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



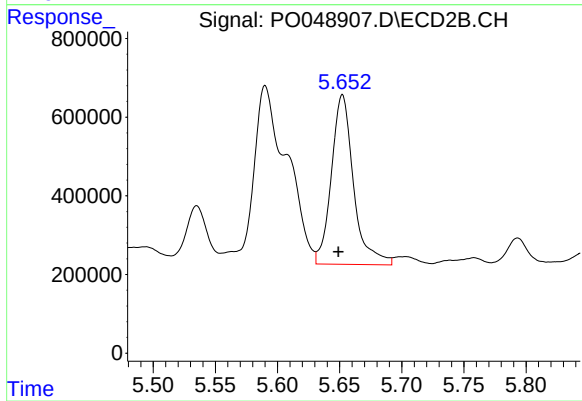
#19 AR-1242-4

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 617282
Conc: 510.01 ng/ml



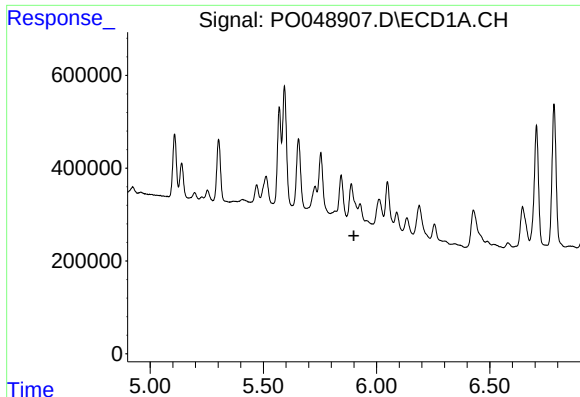
#20 AR-1242-5

R.T.: 6.255 min
Delta R.T.: 0.011 min
Response: 472472
Conc: 124.29 ng/ml



#20 AR-1242-5

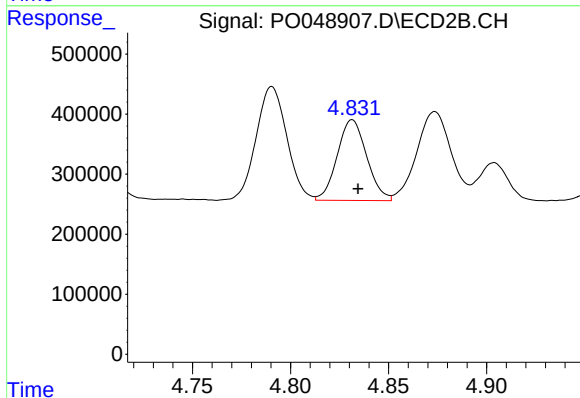
R.T.: 5.652 min
Delta R.T.: 0.003 min
Response: 5358414
Conc: 1732.98 ng/ml



#21 AR-1248-1

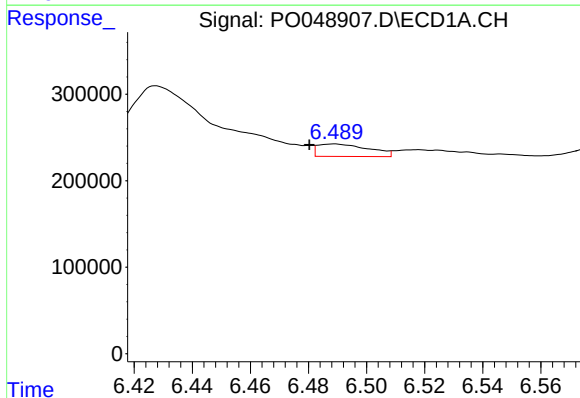
R.T.: 5.888 min
Delta R.T.: -0.011 min
Response: -282164
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



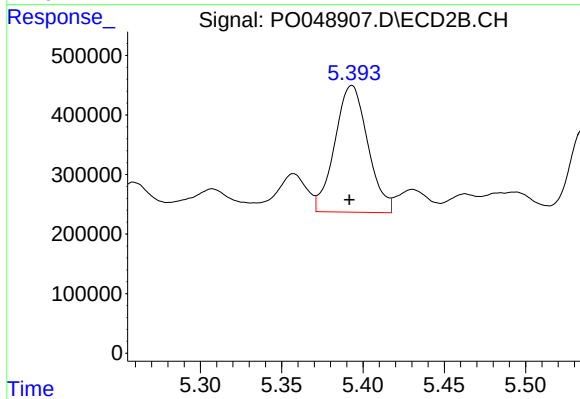
#21 AR-1248-1

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 1408521
Conc: 265.26 ng/ml



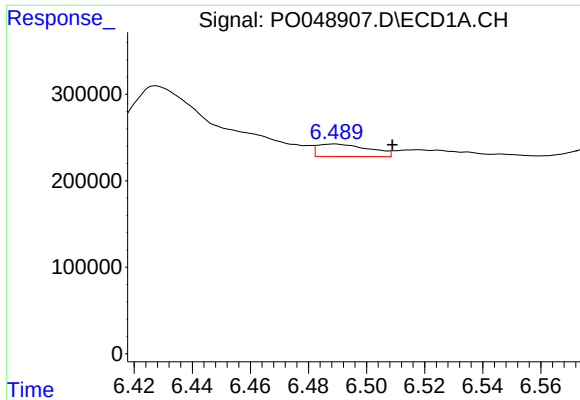
#22 AR-1248-2

R.T.: 6.489 min
Delta R.T.: 0.008 min
Response: 176281
Conc: 33.68 ng/ml



#22 AR-1248-2

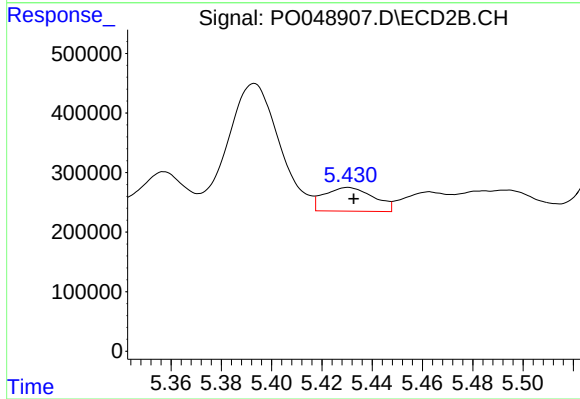
R.T.: 5.393 min
Delta R.T.: 0.001 min
Response: 3007493
Conc: 313.18 ng/ml



#23 AR-1248-3

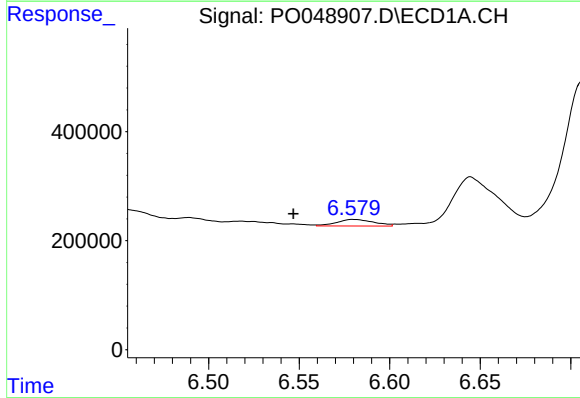
R.T.: 6.489 min
Delta R.T.: -0.020 min
Response: 176281
Conc: 25.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



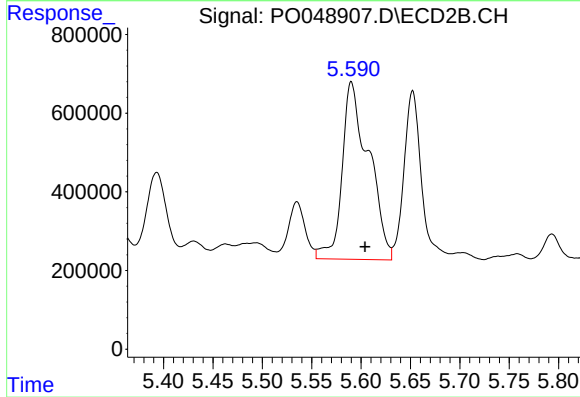
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: -0.002 min
Response: 540767
Conc: 79.46 ng/ml



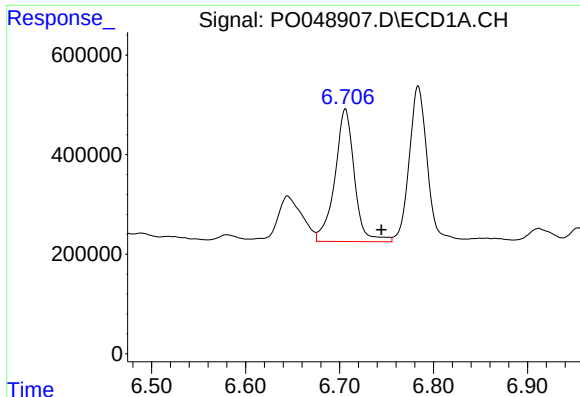
#24 AR-1248-4

R.T.: 6.580 min
Delta R.T.: 0.033 min
Response: 171665
Conc: 26.07 ng/ml



#24 AR-1248-4

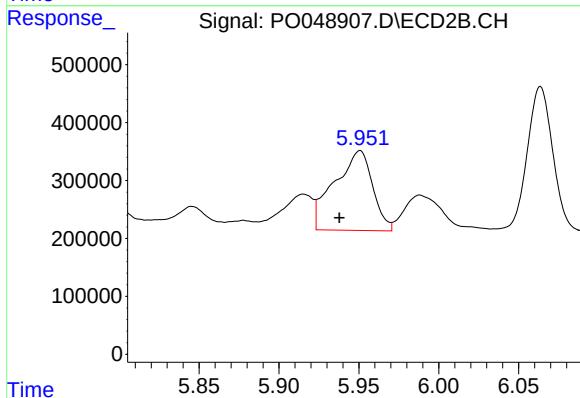
R.T.: 5.590 min
Delta R.T.: -0.014 min
Response: 8460080
Conc: 1392.56 ng/ml



#25 AR-1248-5

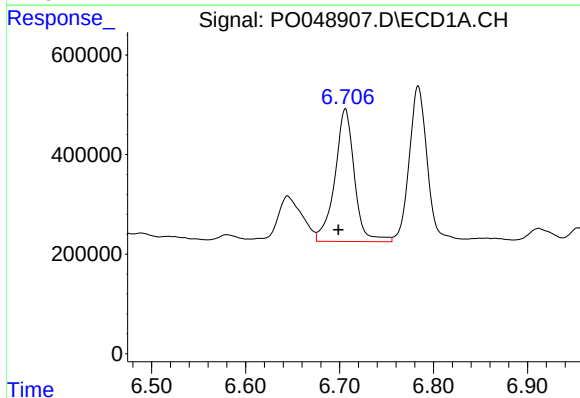
R.T.: 6.706 min
Delta R.T.: -0.038 min
Response: 3845126
Conc: 845.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



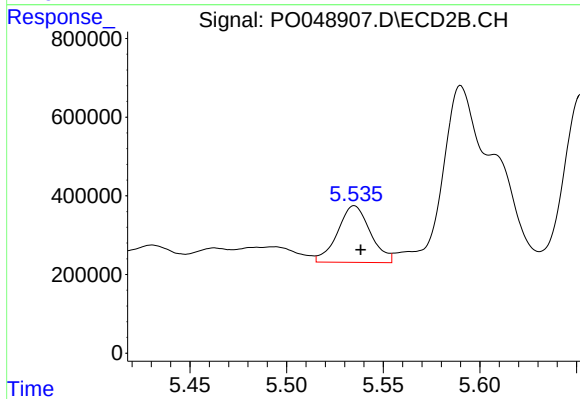
#25 AR-1248-5

R.T.: 5.951 min
Delta R.T.: 0.013 min
Response: 2293018
Conc: 492.68 ng/ml



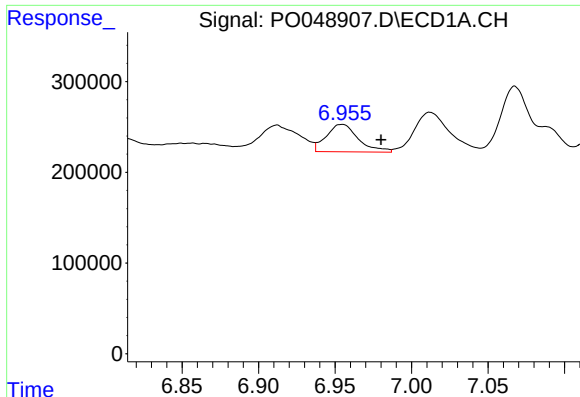
#26 AR-1254-1

R.T.: 6.706 min
Delta R.T.: 0.007 min
Response: 3845126
Conc: 339.39 ng/ml



#26 AR-1254-1

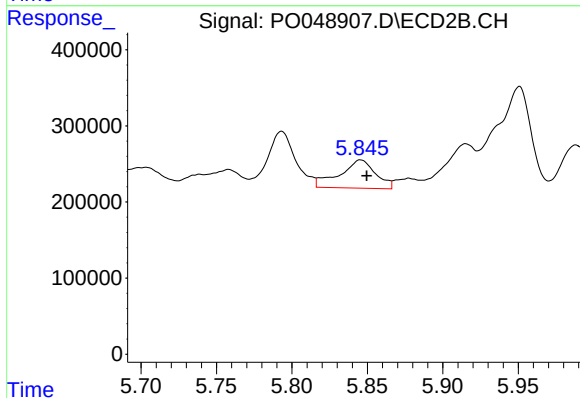
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 1701438
Conc: 167.68 ng/ml



#27 AR-1254-2

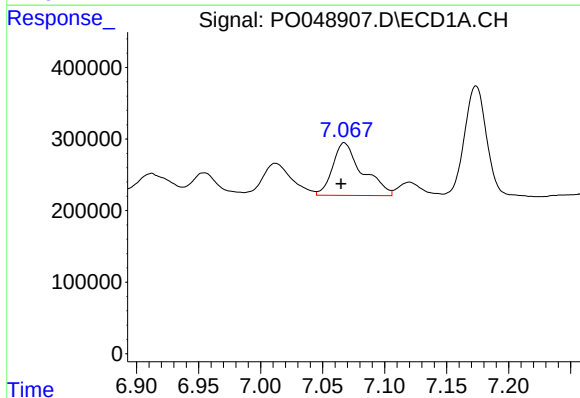
R.T.: 6.954 min
Delta R.T.: -0.025 min
Response: 439402
Conc: 59.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



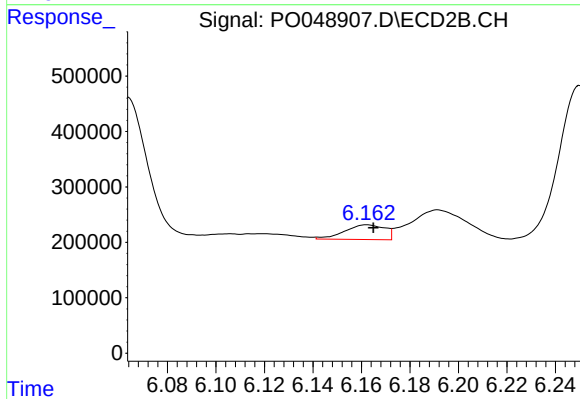
#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 615359
Conc: 69.76 ng/ml



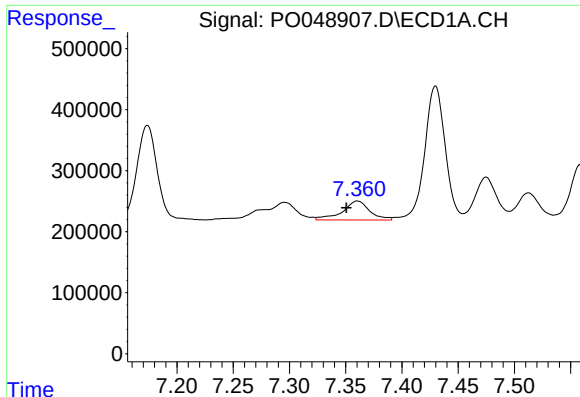
#28 AR-1254-3

R.T.: 7.067 min
Delta R.T.: 0.003 min
Response: 1223383
Conc: 96.06 ng/ml



#28 AR-1254-3

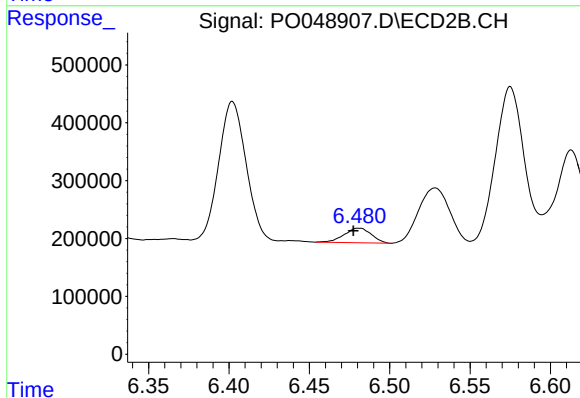
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 305520
Conc: 27.72 ng/ml



#29 AR-1254-4

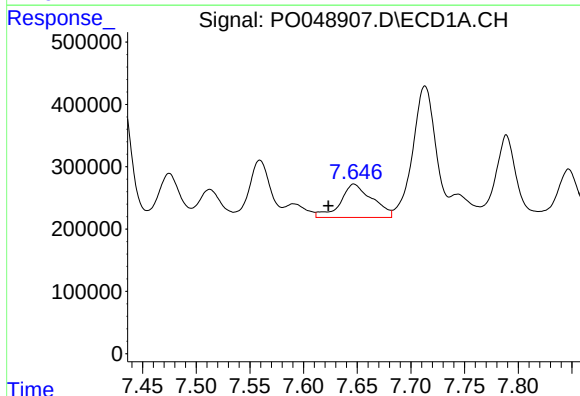
R.T.: 7.361 min
Delta R.T.: 0.010 min
Response: 529251
Conc: 54.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



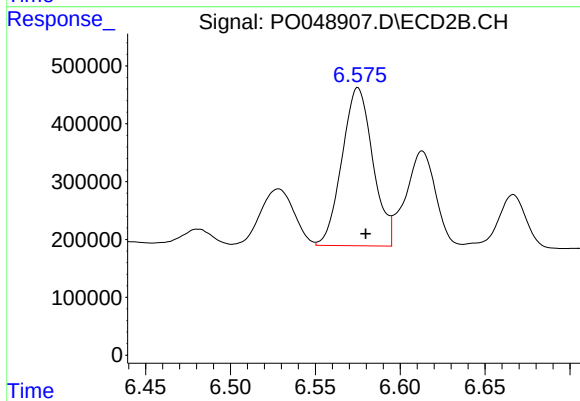
#29 AR-1254-4

R.T.: 6.481 min
Delta R.T.: 0.003 min
Response: 295602
Conc: 36.39 ng/ml



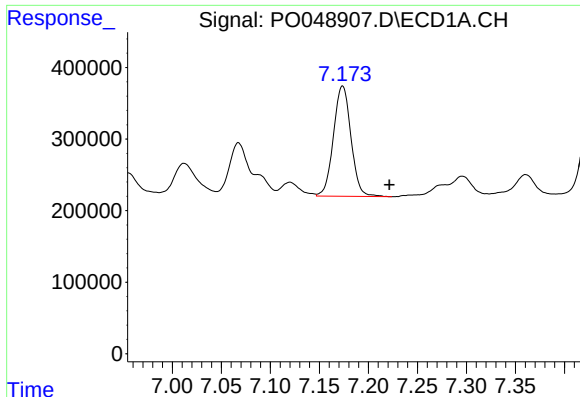
#30 AR-1254-5

R.T.: 7.647 min
Delta R.T.: 0.024 min
Response: 1108411
Conc: 143.41 ng/ml



#30 AR-1254-5

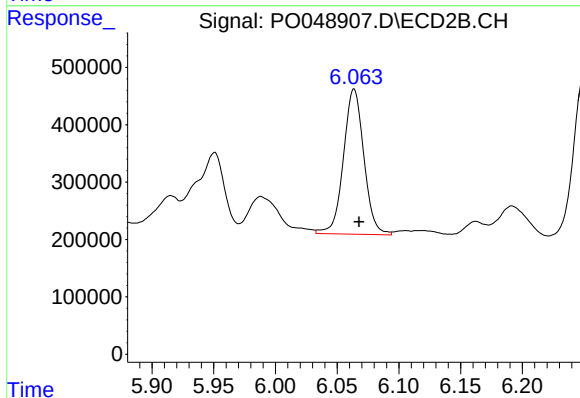
R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 3461399
Conc: 228.39 ng/ml



#31 AR-1260-1

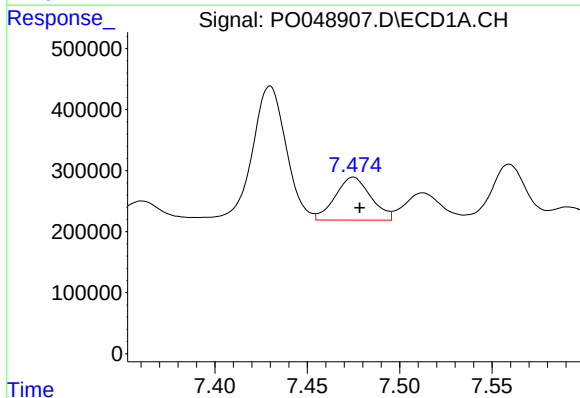
R.T.: 7.174 min
Delta R.T.: -0.048 min
Response: 1919621
Conc: 233.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



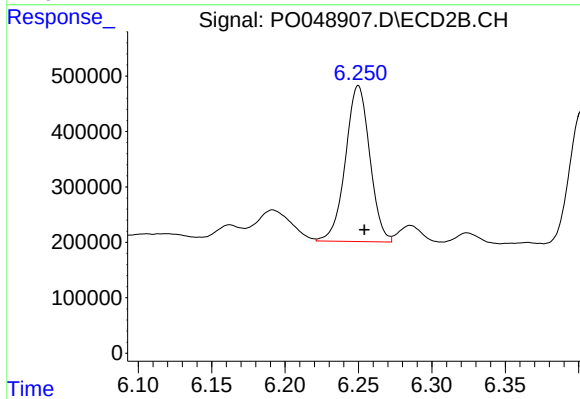
#31 AR-1260-1

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 2921627
Conc: 280.65 ng/ml



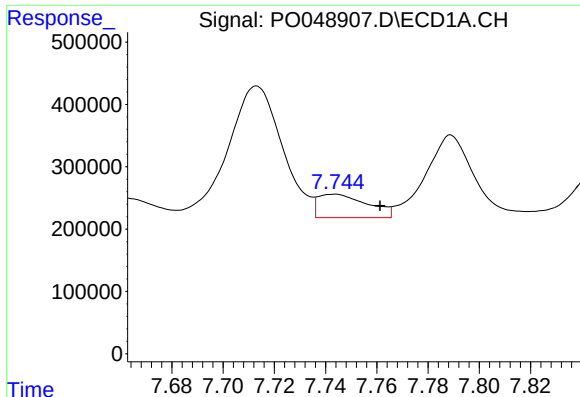
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 946531
Conc: 96.32 ng/ml



#32 AR-1260-2

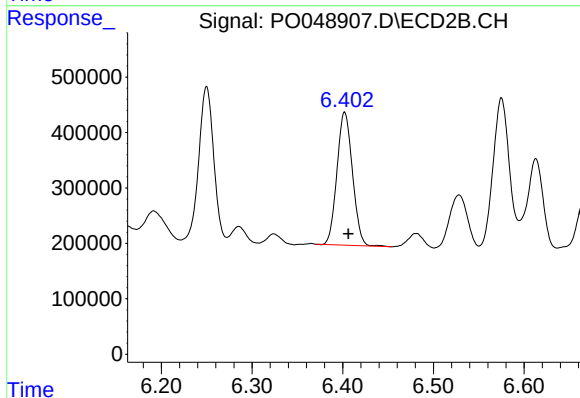
R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 3242317
Conc: 258.92 ng/ml



#33 AR-1260-3

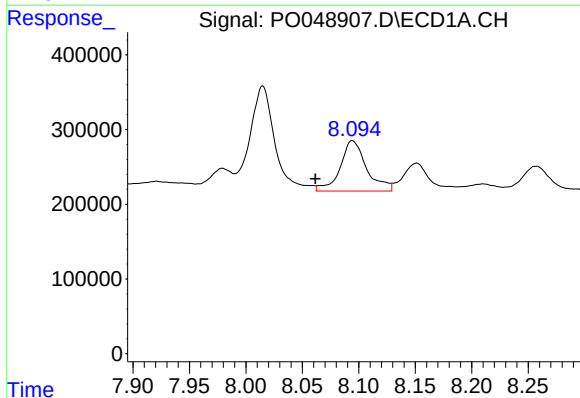
R.T.: 7.743 min
Delta R.T.: -0.018 min
Response: 502587
Conc: 42.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



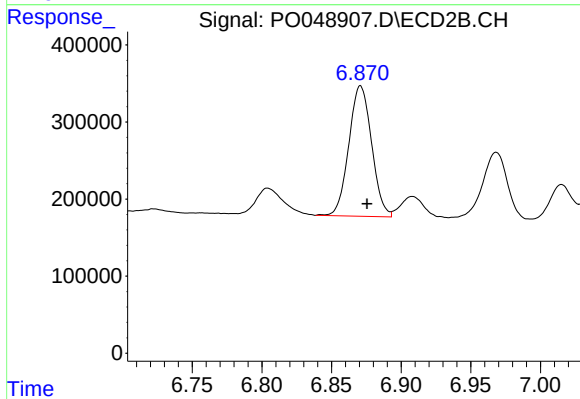
#33 AR-1260-3

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 2854642
Conc: 240.61 ng/ml



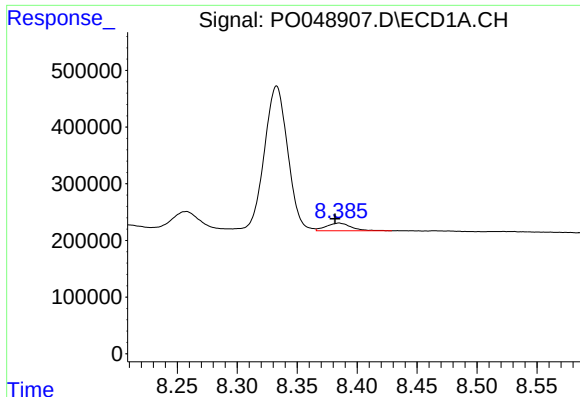
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: 0.033 min
Response: 1096952
Conc: 127.81 ng/ml



#34 AR-1260-4

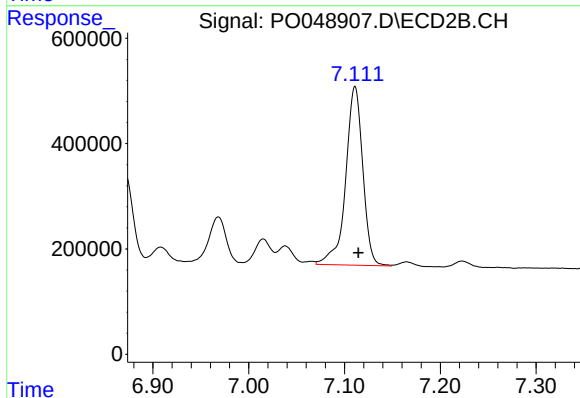
R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 1928698
Conc: 203.86 ng/ml



#35 AR-1260-5

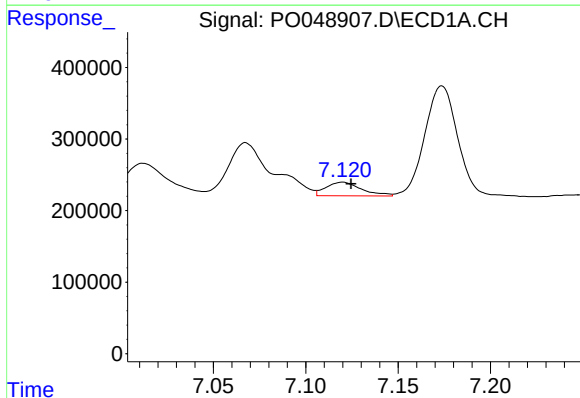
R.T.: 8.385 min
Delta R.T.: 0.003 min
Response: 192463
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



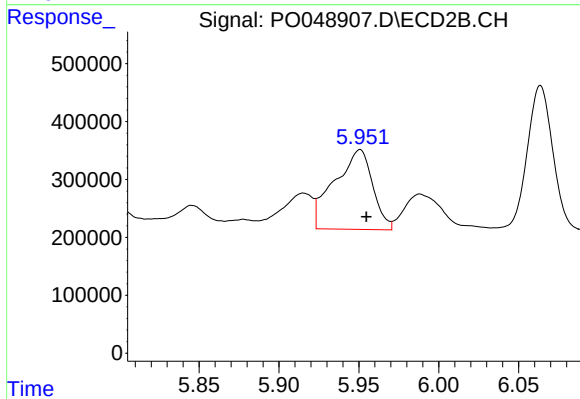
#35 AR-1260-5

R.T.: 7.111 min
Delta R.T.: -0.004 min
Response: 4211508
Conc: 193.95 ng/ml



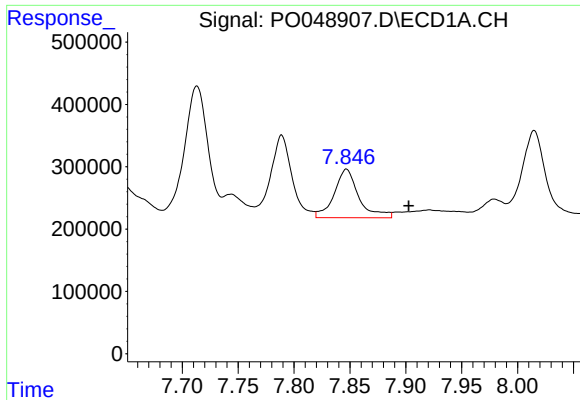
#36 AR-1262-1

R.T.: 7.120 min
Delta R.T.: -0.005 min
Response: 255631
Conc: 52.35 ng/ml



#36 AR-1262-1

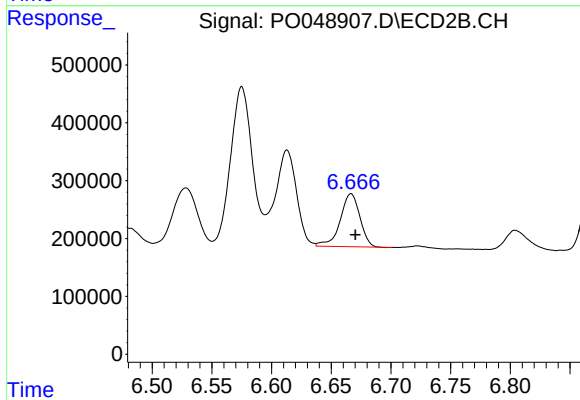
R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 2293018
Conc: 416.57 ng/ml



#37 AR-1262-2

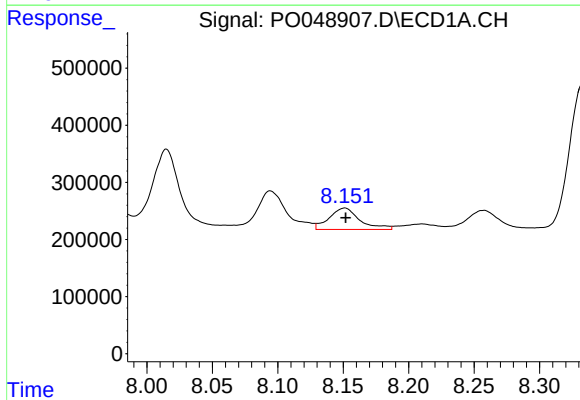
R.T.: 7.847 min
Delta R.T.: -0.056 min
Response: 1194437
Conc: 274.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



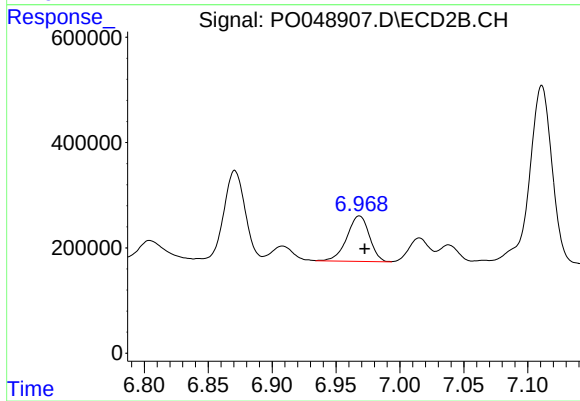
#37 AR-1262-2

R.T.: 6.667 min
Delta R.T.: -0.004 min
Response: 1046072
Conc: 193.17 ng/ml



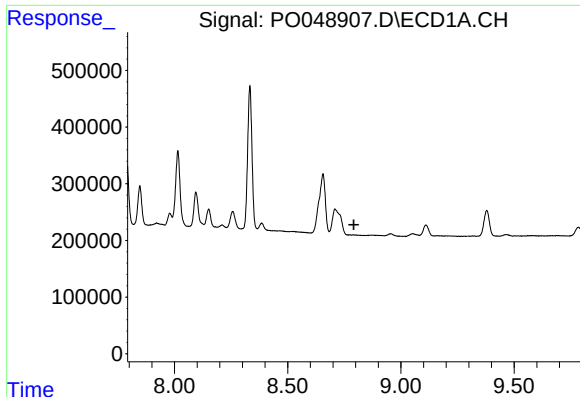
#38 AR-1262-3

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 613083
Conc: 126.20 ng/ml



#38 AR-1262-3

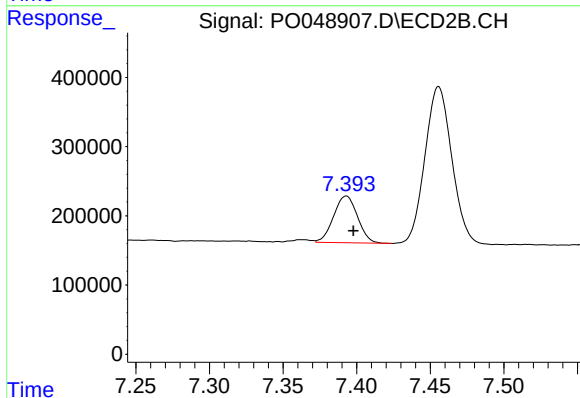
R.T.: 6.968 min
Delta R.T.: -0.004 min
Response: 1064177
Conc: 178.40 ng/ml



#39 AR-1262-4

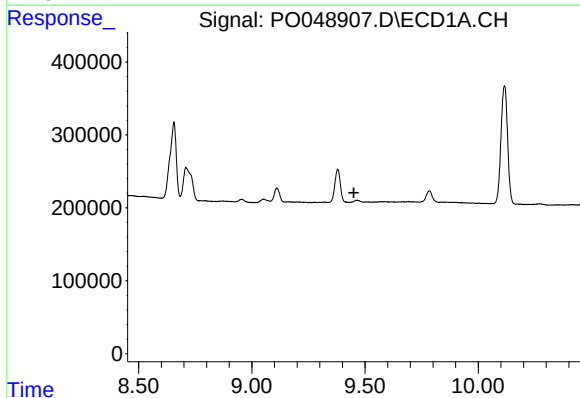
R.T.: 0.000 min
Exp R.T.: 8.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



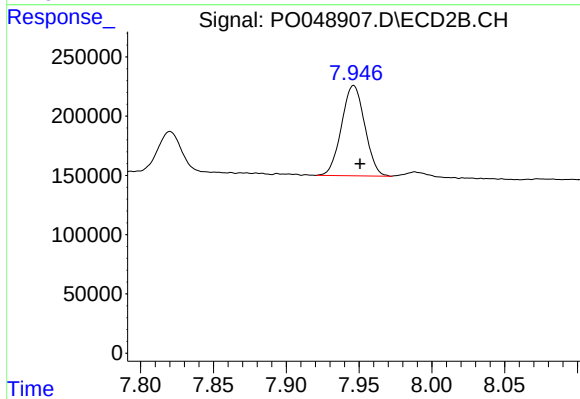
#39 AR-1262-4

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 764284
Conc: 86.10 ng/ml



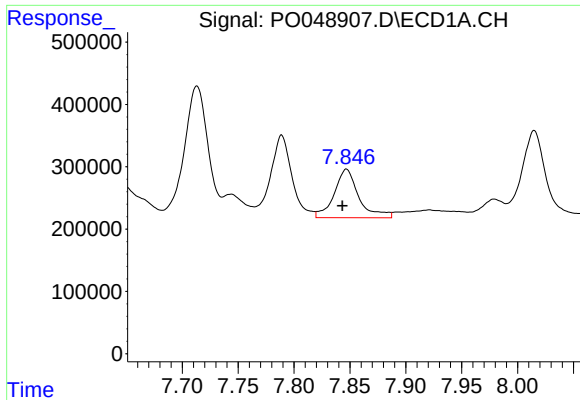
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.450 min
Response: 0
Conc: N.D.



#40 AR-1262-5

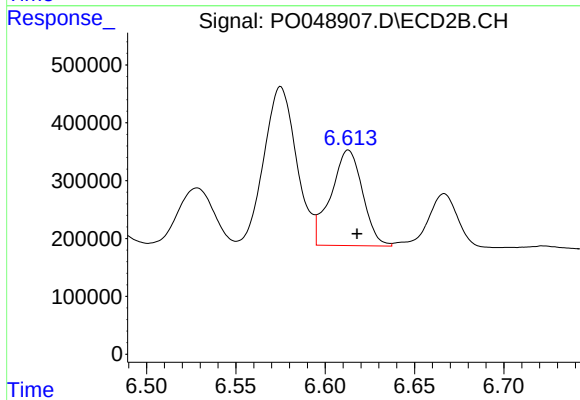
R.T.: 7.946 min
Delta R.T.: -0.004 min
Response: 846990
Conc: 111.98 ng/ml



#41 AR-1268-1

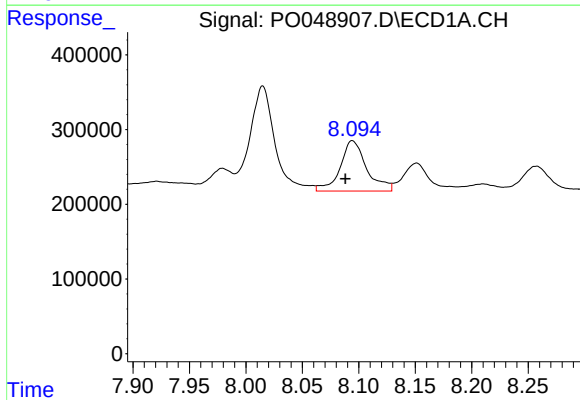
R.T.: 7.847 min
Delta R.T.: 0.004 min
Response: 1194437
Conc: 279.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



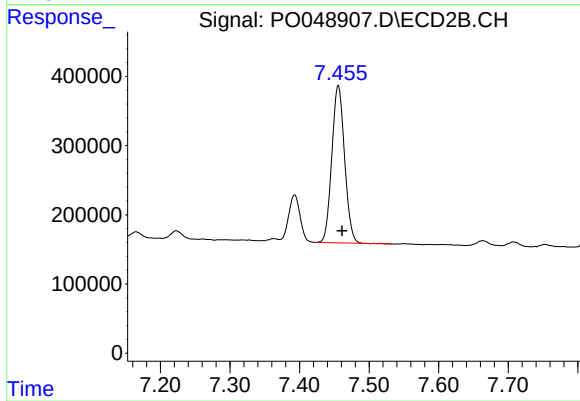
#41 AR-1268-1

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 2043407
Conc: 374.44 ng/ml



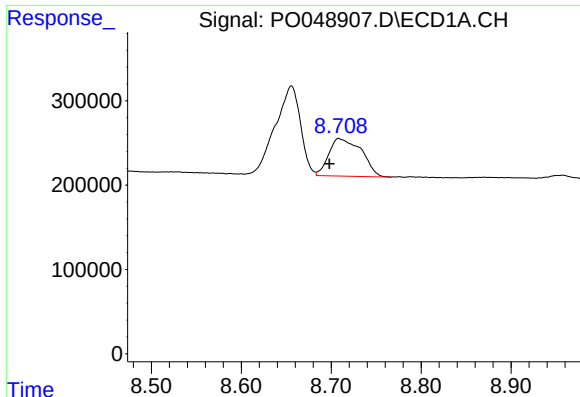
#42 AR-1268-2

R.T.: 8.094 min
Delta R.T.: 0.006 min
Response: 1096952
Conc: 201.09 ng/ml



#42 AR-1268-2

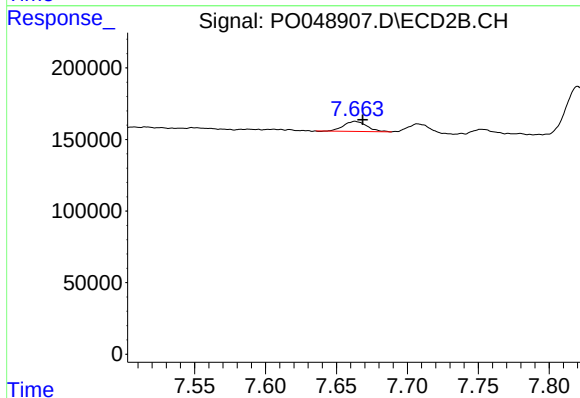
R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 2896044
Conc: 121.81 ng/ml



#43 AR-1268-3

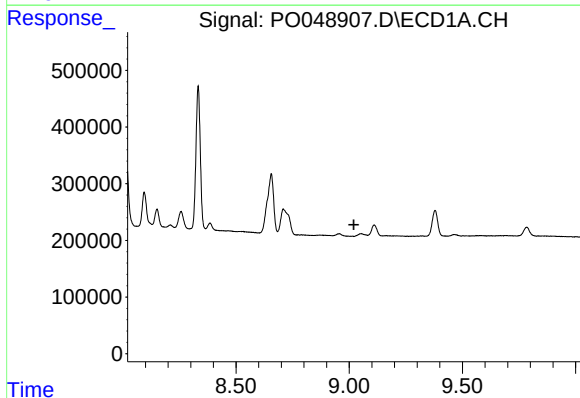
R.T.: 8.709 min
Delta R.T.: 0.010 min
Response: 1124963
Conc: 50.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



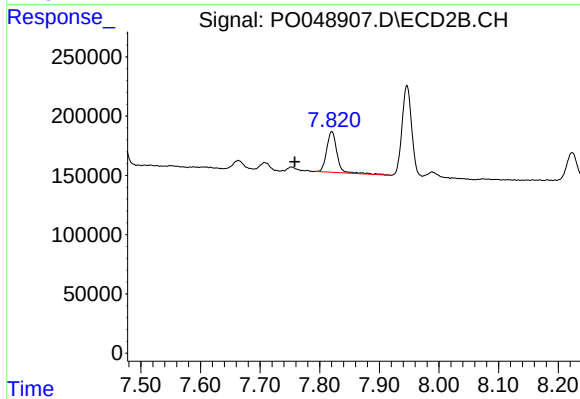
#43 AR-1268-3

R.T.: 7.663 min
Delta R.T.: -0.005 min
Response: 80155
Conc: 4.09 ng/ml



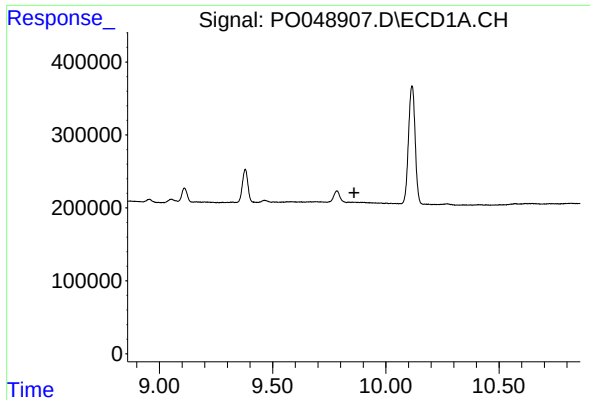
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.021 min
Response: 0
Conc: N.D.



#44 AR-1268-4

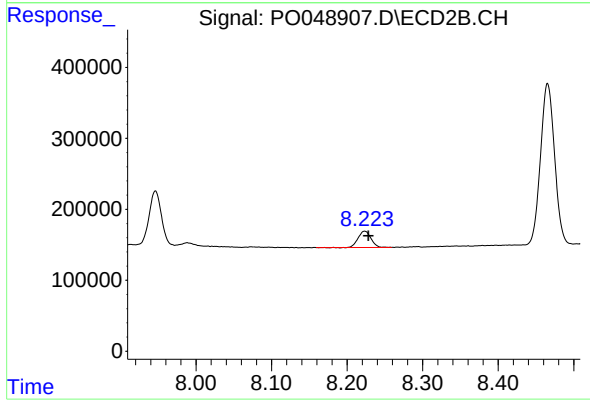
R.T.: 7.820 min
Delta R.T.: 0.062 min
Response: 417659
Conc: 74.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 270613
Conc: 4.96 ng/ml