

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092520\
 Data File : P0071636.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Sep 2020 16:03
 Operator : DD\AJ
 Sample : L4129-09 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 06:03:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 23 08:07:44 2020
 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...	4.337	3.522	139593	72816	1.627	1.768
2)	SA Decachlor...	9.949	8.697	211502	110341	1.841	1.815
Target Compounds							
3)	L1 AR-1016-1	5.641	4.744	2416324	1105924	663.482	626.807
4)	L1 AR-1016-2	5.663	4.762	3198138	1441986	605.726	580.985
5)	L1 AR-1016-3	5.725	4.947	2088696	908399	661.932	674.439
6)	L1 AR-1016-4	5.832	5.004	1858448	893049	693.799	764.244
7)	L1 AR-1016-5	6.141	5.225	2525600	1377263	976.017	974.173
8)	L2 AR-1221-1	4.585	3.770	142544	94198	160.168	198.970
9)	L2 AR-1221-2	4.690	3.868	207358	118073	311.894	336.537
10)	L2 AR-1221-3	4.775	3.952	1032160	618071	486.538	565.862
11)	L3 AR-1232-1	4.775	3.952	1032160	618071	573.840	661.859
12)	L3 AR-1232-2	5.348	4.762	2359705	1441986	2439.335	1413.811 #
13)	L3 AR-1232-3	5.663	4.947	3198138	908399	1515.463	1669.269
14)	L3 AR-1232-4	5.832	5.046	1858448	946071	1785.999	2104.296
15)	L3 AR-1232-5	5.929	5.225	1660613	1377263	2435.045	2587.094
16)	L4 AR-1242-1	5.641	4.744	2416324	1105924	940.203	881.072
17)	L4 AR-1242-2	5.663	4.762	3198138	1441986	858.502	823.616
18)	L4 AR-1242-3	5.725	4.947	2088696	908399	929.217	945.520
19)	L4 AR-1242-4	5.832	5.046	1858448	946071	986.939	1083.323
20)	L4 AR-1242-5	6.602	5.600	3889360	2413009	1696.684	1927.107
21)	L5 AR-1248-1	5.641	4.744	2416324	1105924	1343.781	1216.857
22)	L5 AR-1248-2	5.929	5.004	1660613	893049	692.641	696.975
23)	L5 AR-1248-3	6.141	5.046	2525600	946071	864.967	782.649
24)	L5 AR-1248-4	6.566	5.225	4088114	1377263	1056.764	907.876
25)	L5 AR-1248-5	6.602	5.641	3889360	1874276	1078.996	1150.017
26)	L6 AR-1254-1	6.533	5.600	2988486	2413009	816.090	1018.896
27)	L6 AR-1254-2	6.764	5.759	3087861	501630	512.138	239.497 #
28)	L6 AR-1254-3	7.135	6.168	885978	529821	139.935	156.576
29)	L6 AR-1254-4	7.431	6.408	814422	375881	132.192	157.880
30)	L6 AR-1254-5	7.850	6.828	541878	253177	91.174	78.273
31)	L7 AR-1260-1	7.297	6.306	165115	336622	29.058	121.637 #
32)	L7 AR-1260-2	7.563	6.504	433397	175435	49.922	49.634
33)	L7 AR-1260-3	7.921	6.649	265447	154663	36.865	48.111 #
34)	L7 AR-1260-4	8.146	7.125	334012	104008	50.415	36.049 #
35)	L7 AR-1260-5	8.462	7.378	518150	248320	34.362	33.572
36)	L8 AR-1262-1	7.921	6.828	265447	253177	28.100	136.193 #
37)	L8 AR-1262-2	8.462	7.378	518150	248320	32.927	35.951
38)	L8 AR-1262-3	8.730	7.658	115103	76325	16.933	25.587 #
39)	L8 AR-1262-4	8.796f	7.718	206312	210343	54.346	39.731 #
40)	L8 AR-1262-5	9.360	8.217	163433	86822	32.228	31.863
41)	L9 AR-1268-1	8.730	7.658	115103	76325	6.237	9.037 #

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 ALS Vial : 17 Sample Multiplier: 1

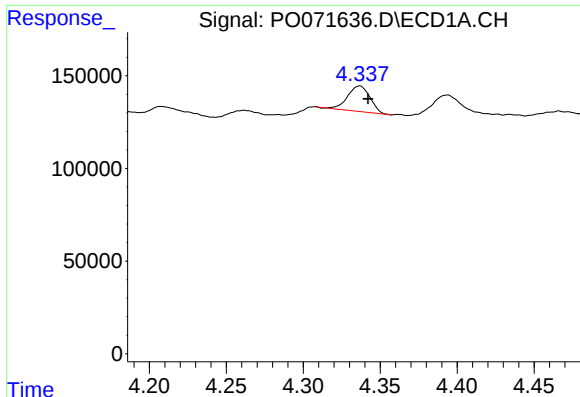
Instrument :
 ECD_O
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Integration File signal 1: autoint1.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.796f	7.718	206312	210343	13.459	27.714 #
43) L9	AR-1268-3	0.000	7.921	0	26829	N.D.	4.132 #
44) L9	AR-1268-4	9.360	8.217	163433	86822	28.940	28.955
45) L9	AR-1268-5	9.688	8.485	91824	23729	2.369	1.152 #

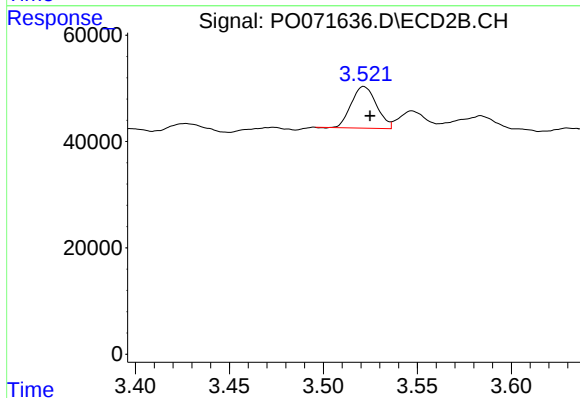
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

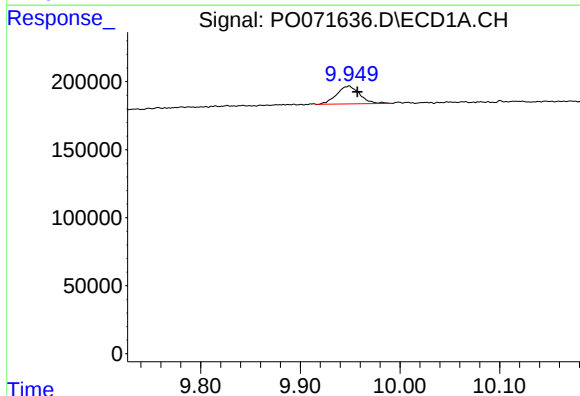
R.T.: 4.337 min
Delta R.T.: -0.005 min
Response: 139593
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



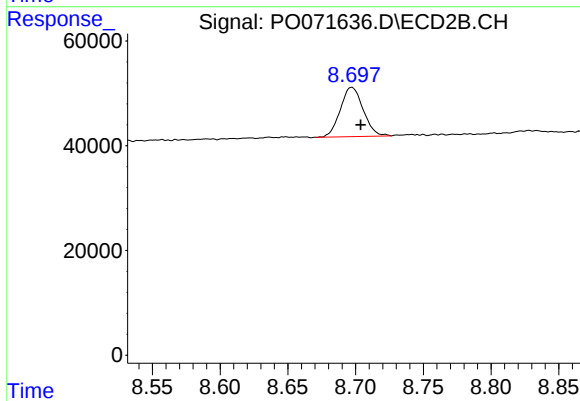
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.003 min
Response: 72816
Conc: 1.77 ng/ml



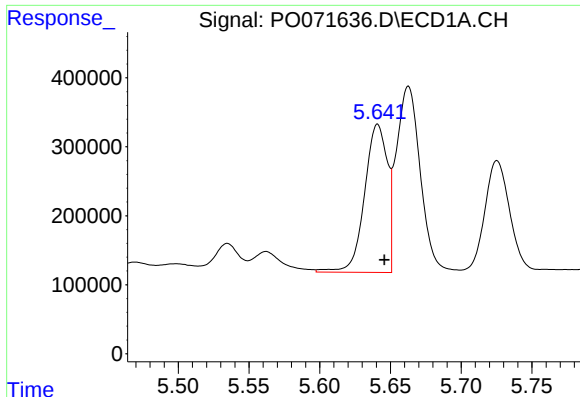
#2 Decachlorobiphenyl

R.T.: 9.949 min
Delta R.T.: -0.008 min
Response: 211502
Conc: 1.84 ng/ml



#2 Decachlorobiphenyl

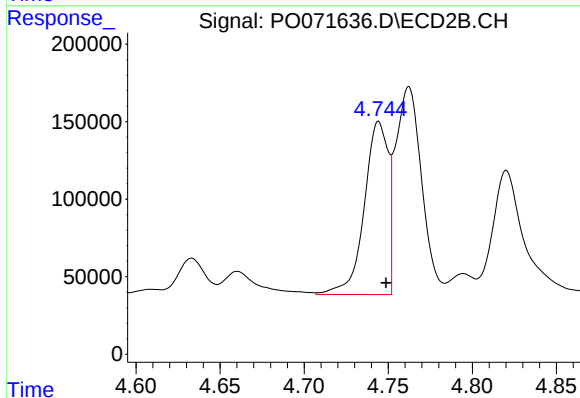
R.T.: 8.697 min
Delta R.T.: -0.007 min
Response: 110341
Conc: 1.82 ng/ml



#3 AR-1016-1

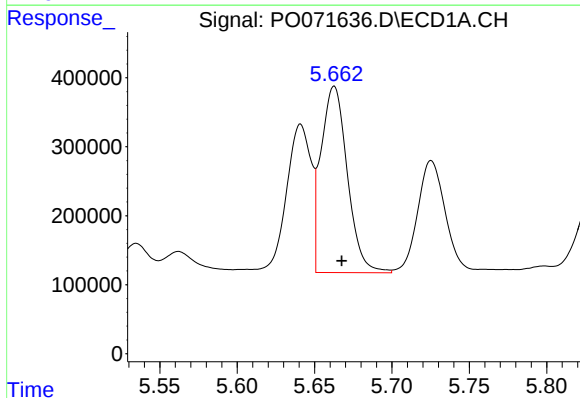
R.T.: 5.641 min
Delta R.T.: -0.005 min
Response: 2416324
Conc: 663.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



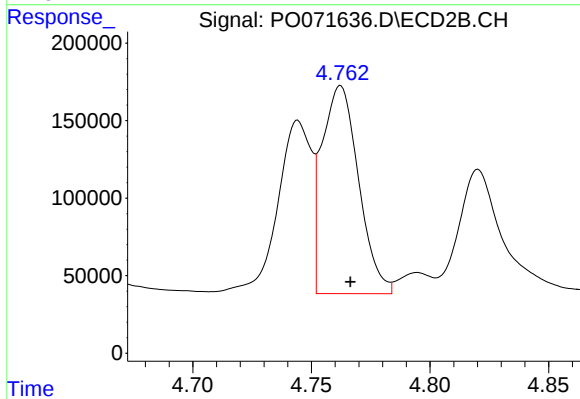
#3 AR-1016-1

R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 1105924
Conc: 626.81 ng/ml



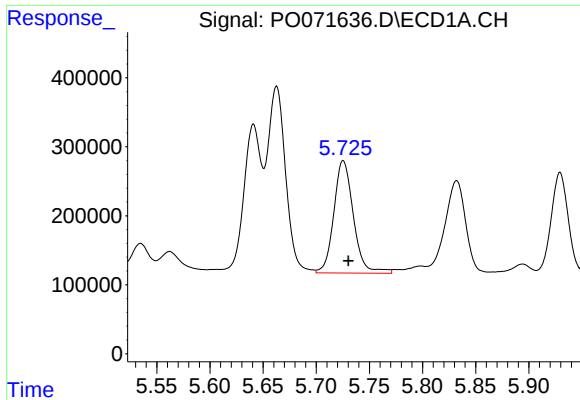
#4 AR-1016-2

R.T.: 5.663 min
Delta R.T.: -0.005 min
Response: 3198138
Conc: 605.73 ng/ml



#4 AR-1016-2

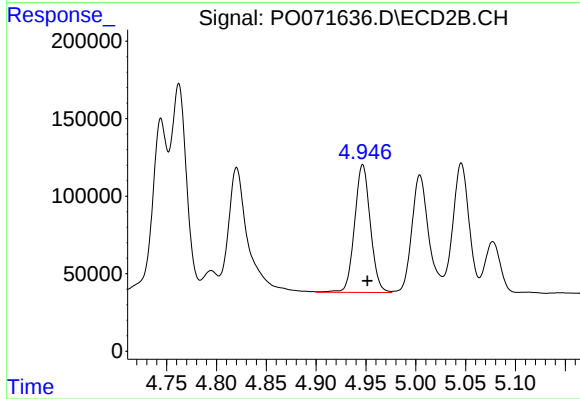
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 1441986
Conc: 580.98 ng/ml



#5 AR-1016-3

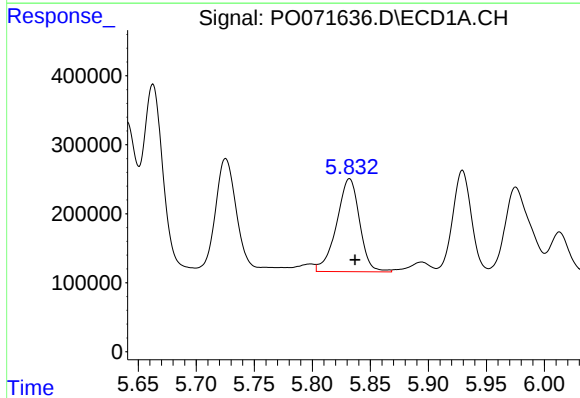
R.T.: 5.725 min
Delta R.T.: -0.005 min
Response: 2088696
Conc: 661.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



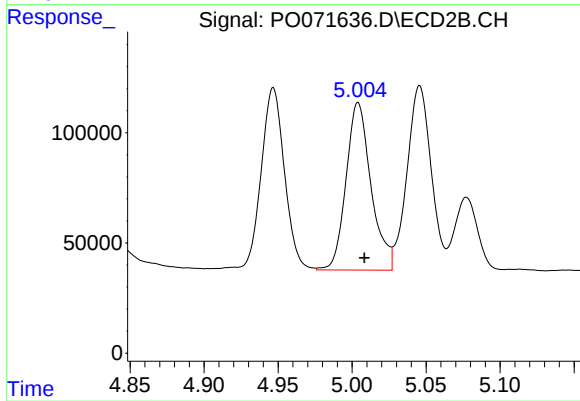
#5 AR-1016-3

R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 908399
Conc: 674.44 ng/ml



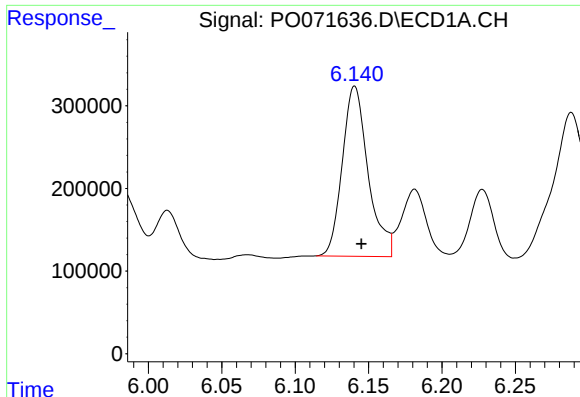
#6 AR-1016-4

R.T.: 5.832 min
Delta R.T.: -0.005 min
Response: 1858448
Conc: 693.80 ng/ml



#6 AR-1016-4

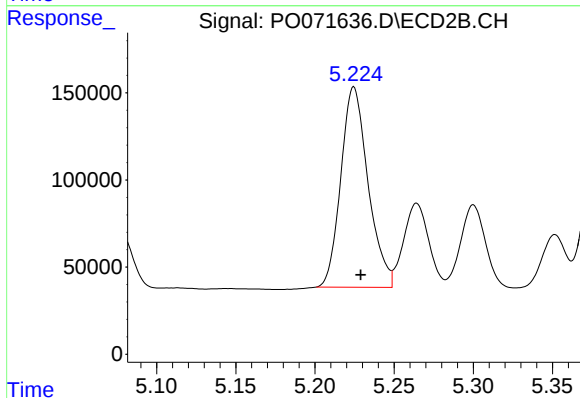
R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 893049
Conc: 764.24 ng/ml



#7 AR-1016-5

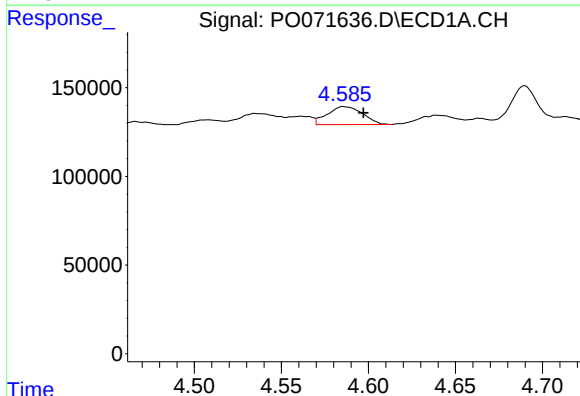
R.T.: 6.141 min
Delta R.T.: -0.005 min
Response: 2525600
Conc: 976.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



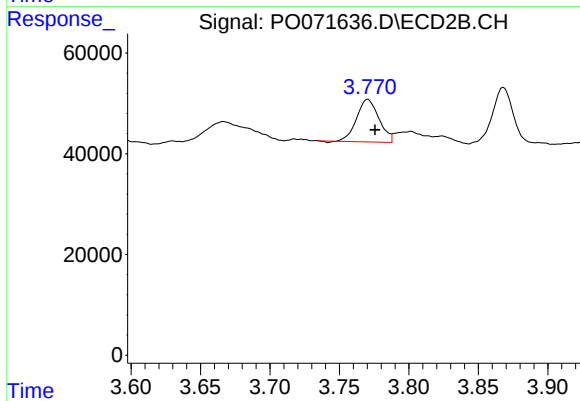
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 1377263
Conc: 974.17 ng/ml



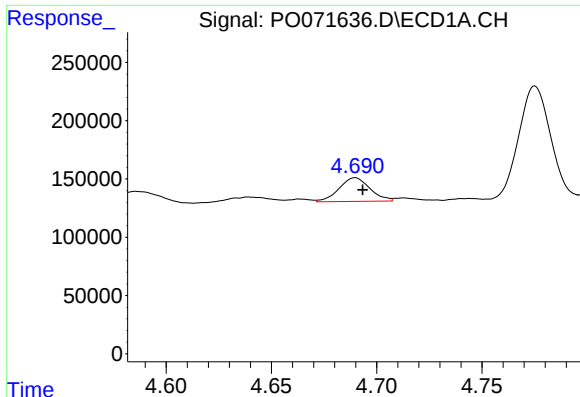
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: -0.012 min
Response: 142544
Conc: 160.17 ng/ml



#8 AR-1221-1

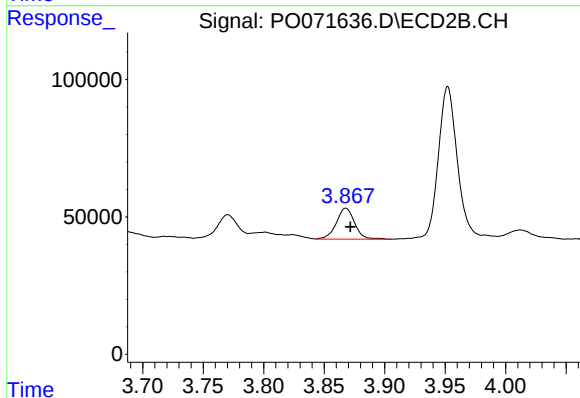
R.T.: 3.770 min
Delta R.T.: -0.005 min
Response: 94198
Conc: 198.97 ng/ml



#9 AR-1221-2

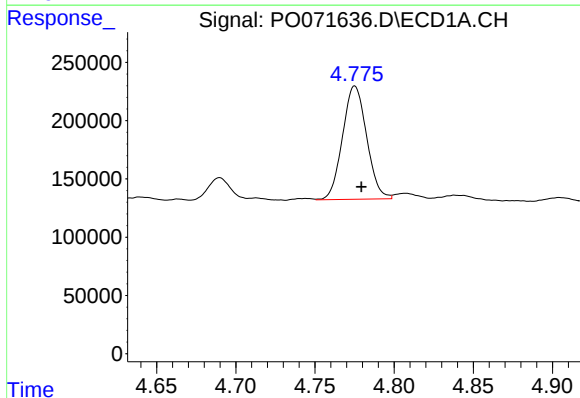
R.T.: 4.690 min
Delta R.T.: -0.003 min
Response: 207358
Conc: 311.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



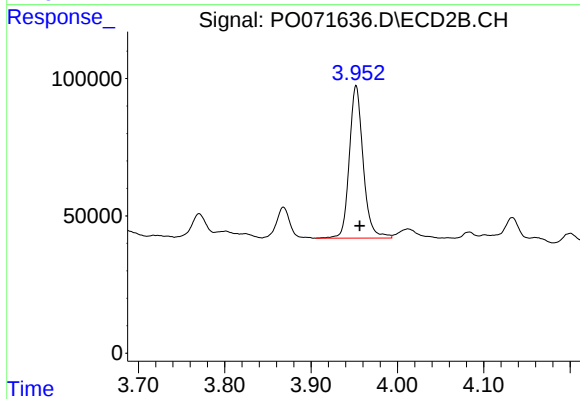
#9 AR-1221-2

R.T.: 3.868 min
Delta R.T.: -0.004 min
Response: 118073
Conc: 336.54 ng/ml



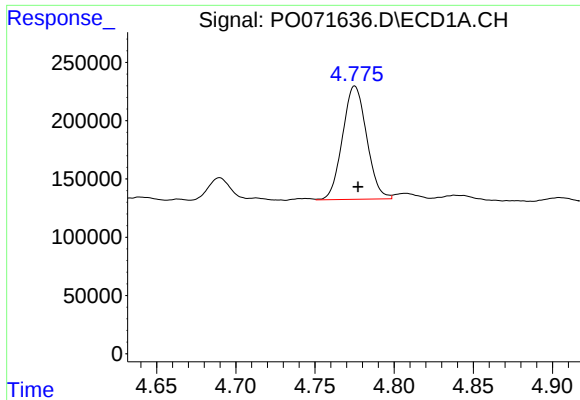
#10 AR-1221-3

R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 1032160
Conc: 486.54 ng/ml



#10 AR-1221-3

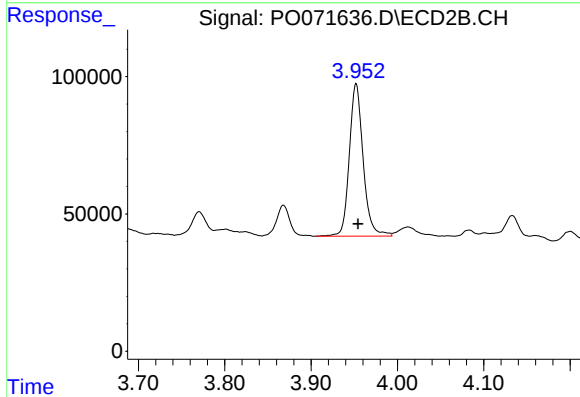
R.T.: 3.952 min
Delta R.T.: -0.004 min
Response: 618071
Conc: 565.86 ng/ml



#11 AR-1232-1

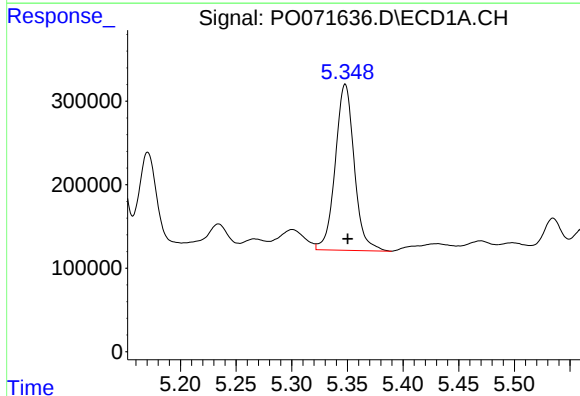
R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 1032160
Conc: 573.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



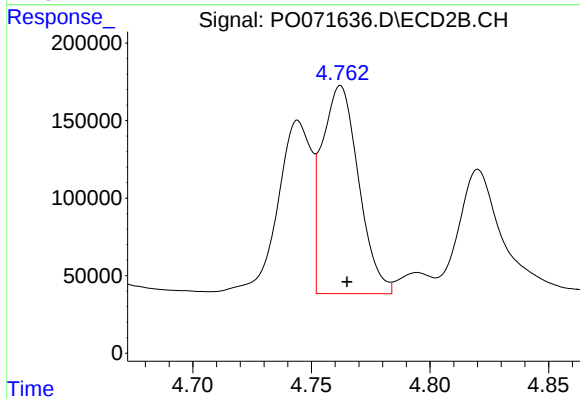
#11 AR-1232-1

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 618071
Conc: 661.86 ng/ml



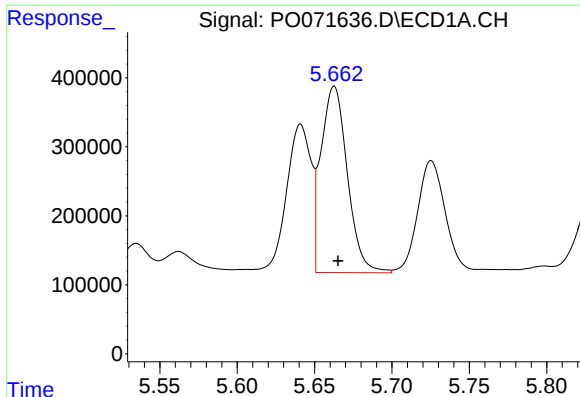
#12 AR-1232-2

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 2359705
Conc: 2439.33 ng/ml



#12 AR-1232-2

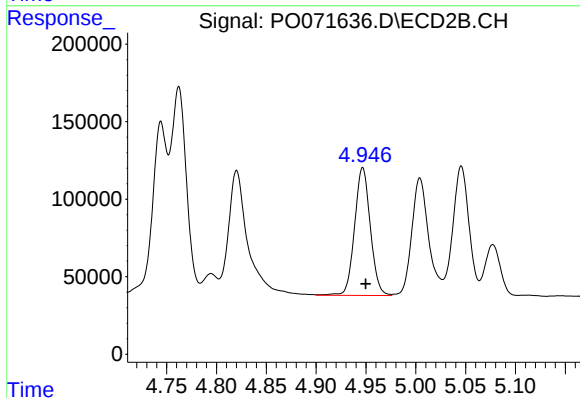
R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 1441986
Conc: 1413.81 ng/ml



#13 AR-1232-3

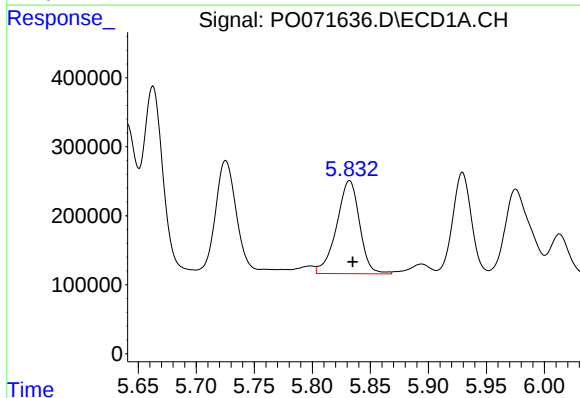
R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 3198138
Conc: 1515.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



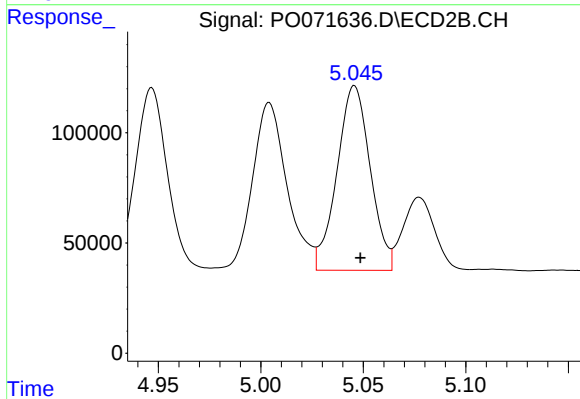
#13 AR-1232-3

R.T.: 4.947 min
Delta R.T.: -0.003 min
Response: 908399
Conc: 1669.27 ng/ml



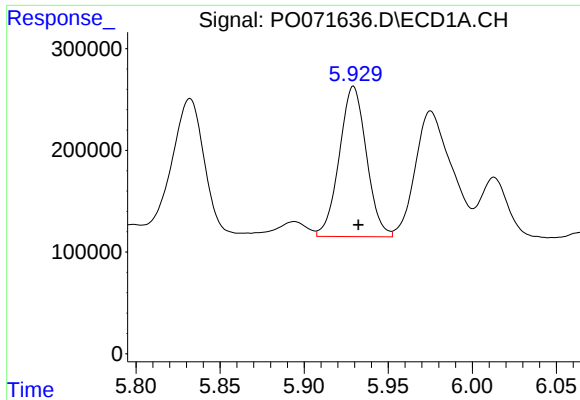
#14 AR-1232-4

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 1858448
Conc: 1786.00 ng/ml



#14 AR-1232-4

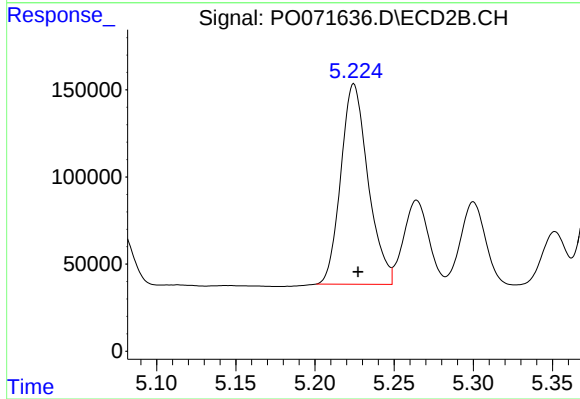
R.T.: 5.046 min
Delta R.T.: -0.003 min
Response: 946071
Conc: 2104.30 ng/ml



#15 AR-1232-5

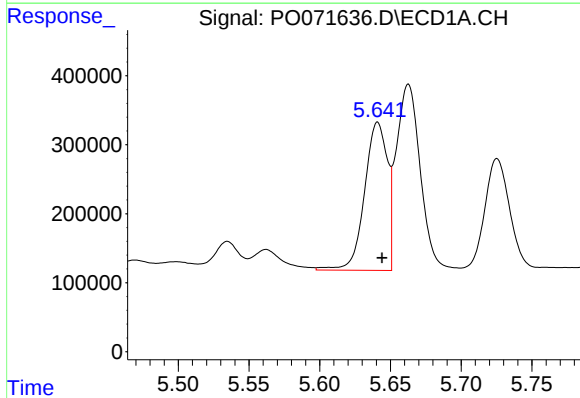
R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 1660613
Conc: 2435.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



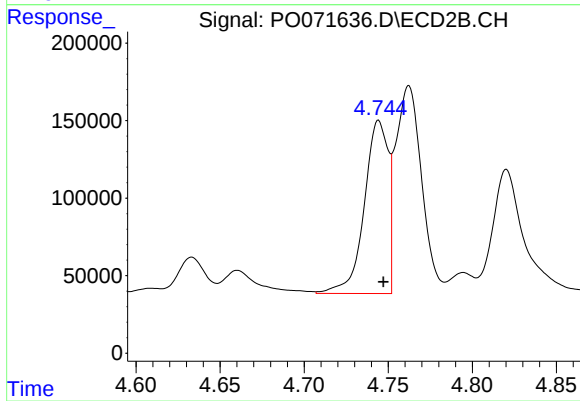
#15 AR-1232-5

R.T.: 5.225 min
Delta R.T.: -0.003 min
Response: 1377263
Conc: 2587.09 ng/ml



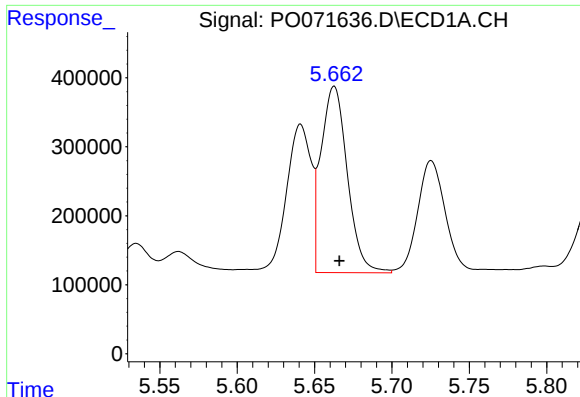
#16 AR-1242-1

R.T.: 5.641 min
Delta R.T.: -0.003 min
Response: 2416324
Conc: 940.20 ng/ml



#16 AR-1242-1

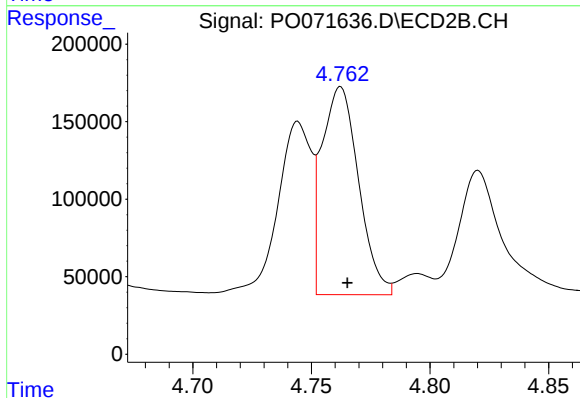
R.T.: 4.744 min
Delta R.T.: -0.003 min
Response: 1105924
Conc: 881.07 ng/ml



#17 AR-1242-2

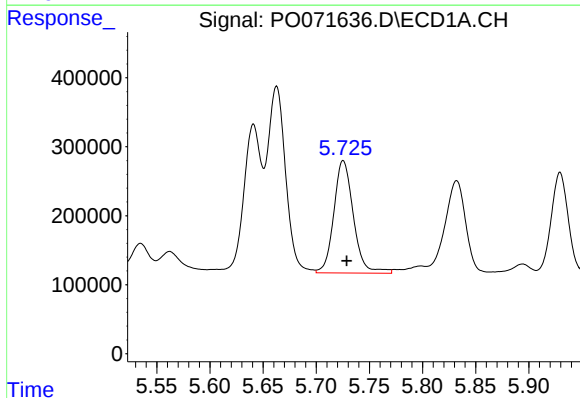
R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 3198138
Conc: 858.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



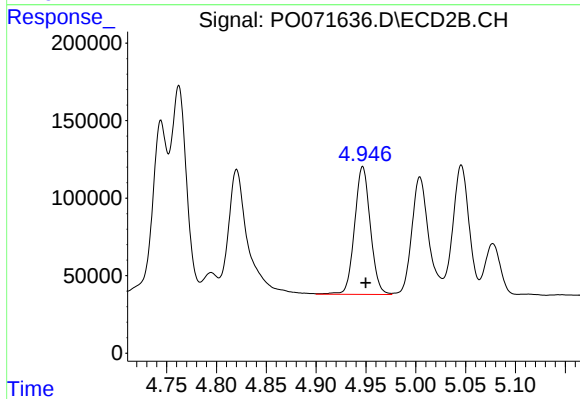
#17 AR-1242-2

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 1441986
Conc: 823.62 ng/ml



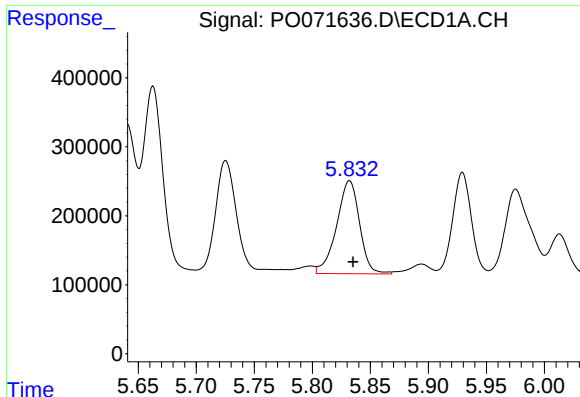
#18 AR-1242-3

R.T.: 5.725 min
Delta R.T.: -0.003 min
Response: 2088696
Conc: 929.22 ng/ml



#18 AR-1242-3

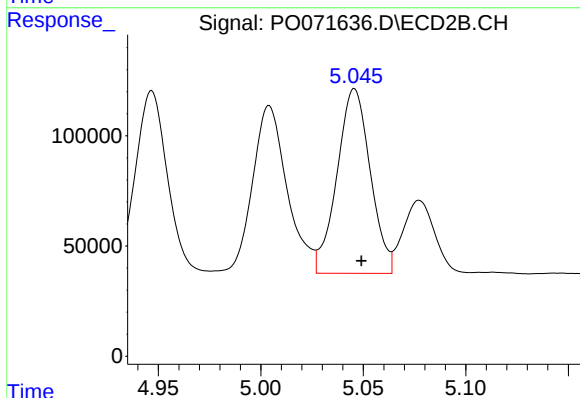
R.T.: 4.947 min
Delta R.T.: -0.003 min
Response: 908399
Conc: 945.52 ng/ml



#19 AR-1242-4

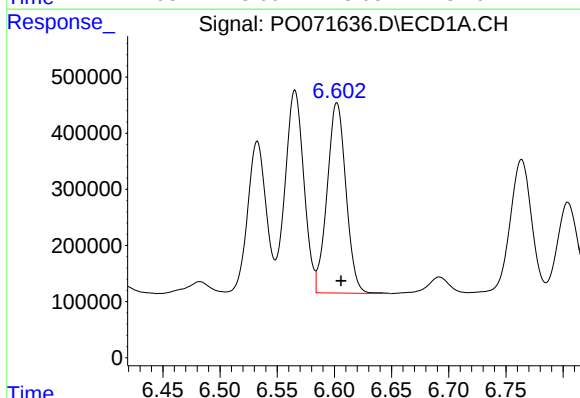
R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 1858448
Conc: 986.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



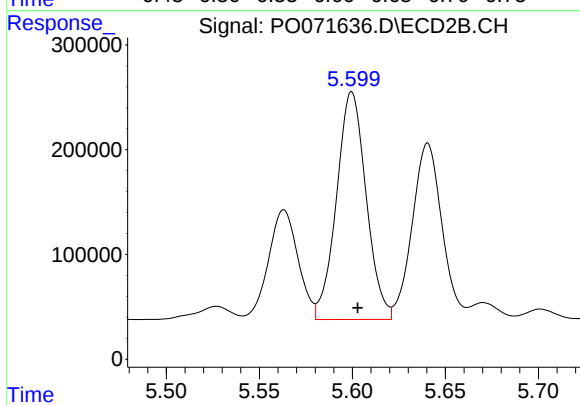
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.003 min
Response: 946071
Conc: 1083.32 ng/ml



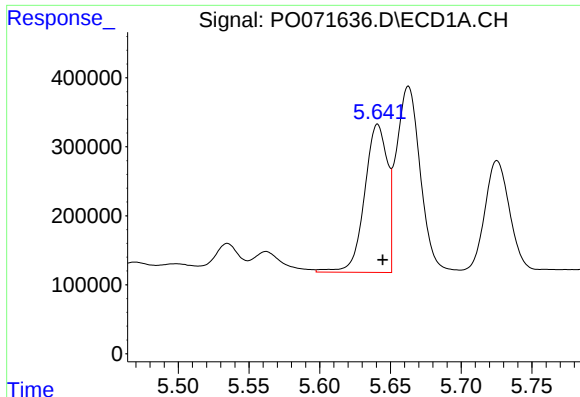
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: -0.003 min
Response: 3889360
Conc: 1696.68 ng/ml



#20 AR-1242-5

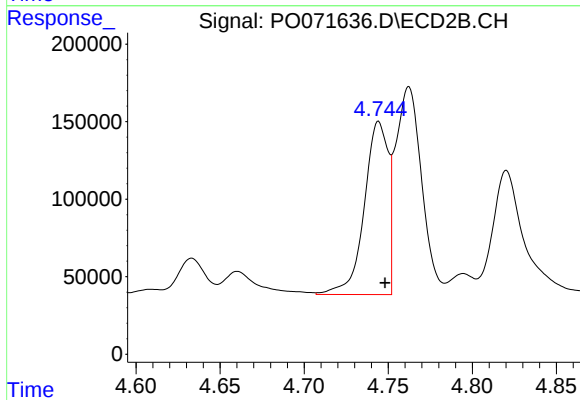
R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 2413009
Conc: 1927.11 ng/ml



#21 AR-1248-1

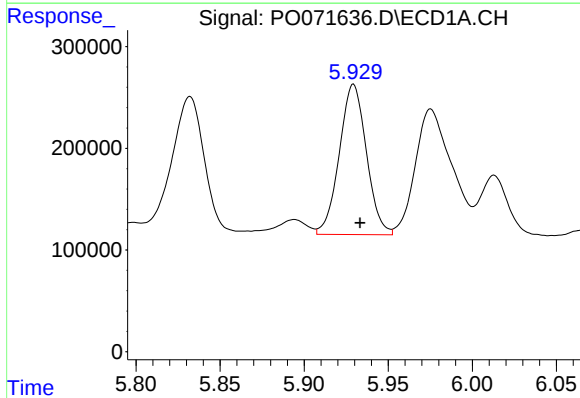
R.T.: 5.641 min
Delta R.T.: -0.004 min
Response: 2416324
Conc: 1343.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



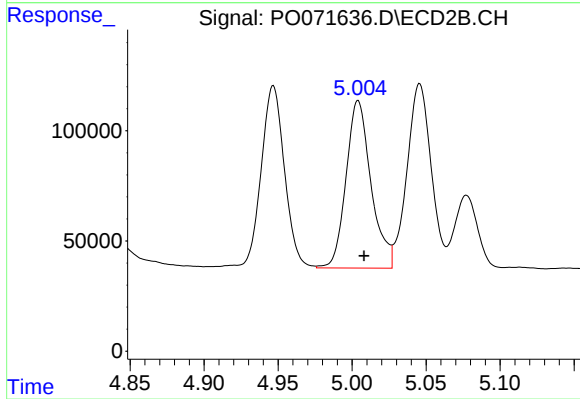
#21 AR-1248-1

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 1105924
Conc: 1216.86 ng/ml



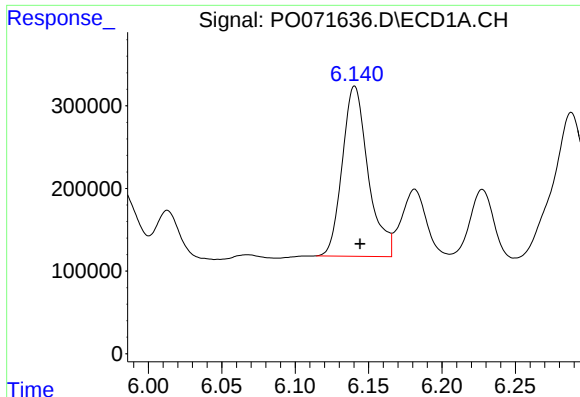
#22 AR-1248-2

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 1660613
Conc: 692.64 ng/ml



#22 AR-1248-2

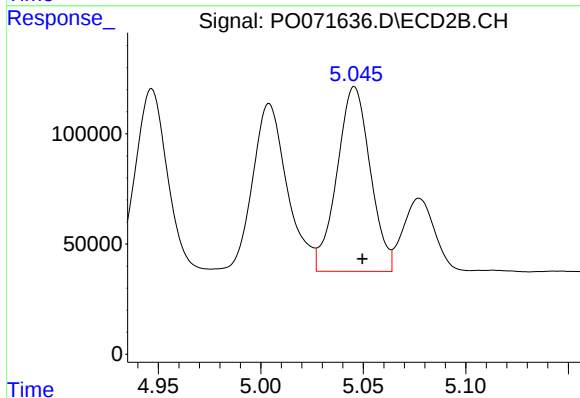
R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 893049
Conc: 696.97 ng/ml



#23 AR-1248-3

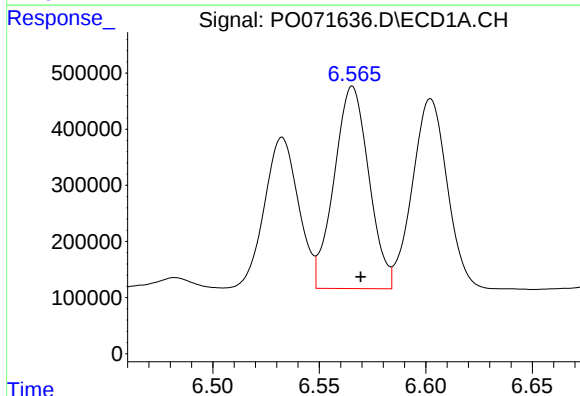
R.T.: 6.141 min
Delta R.T.: -0.004 min
Response: 2525600
Conc: 864.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



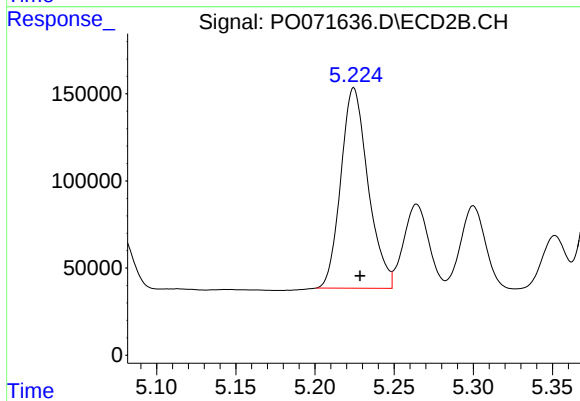
#23 AR-1248-3

R.T.: 5.046 min
Delta R.T.: -0.004 min
Response: 946071
Conc: 782.65 ng/ml



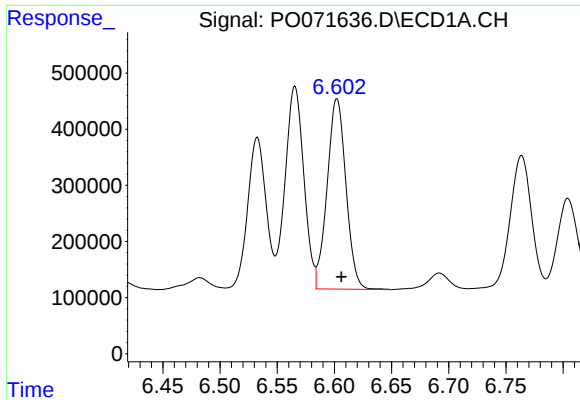
#24 AR-1248-4

R.T.: 6.566 min
Delta R.T.: -0.004 min
Response: 4088114
Conc: 1056.76 ng/ml



#24 AR-1248-4

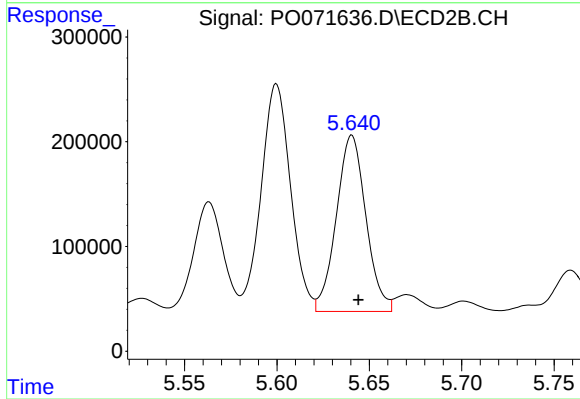
R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 1377263
Conc: 907.88 ng/ml



#25 AR-1248-5

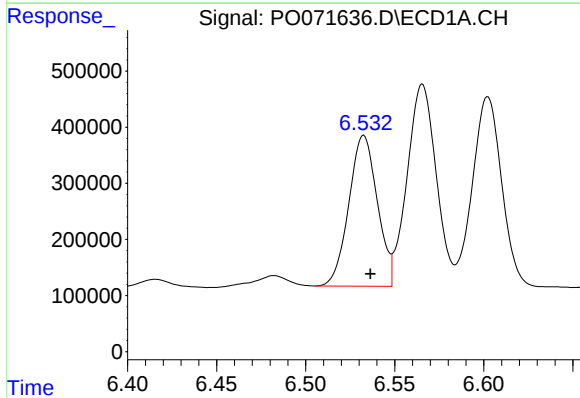
R.T.: 6.602 min
Delta R.T.: -0.004 min
Response: 3889360
Conc: 1079.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



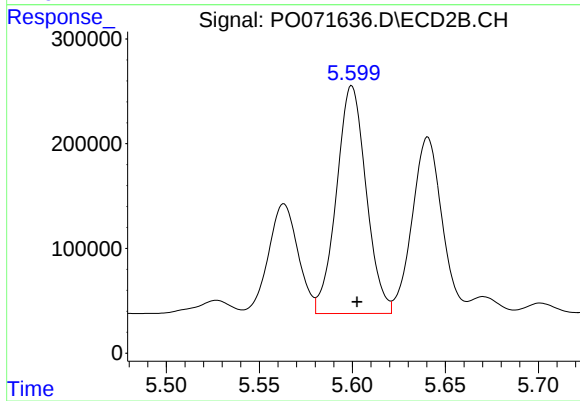
#25 AR-1248-5

R.T.: 5.641 min
Delta R.T.: -0.004 min
Response: 1874276
Conc: 1150.02 ng/ml



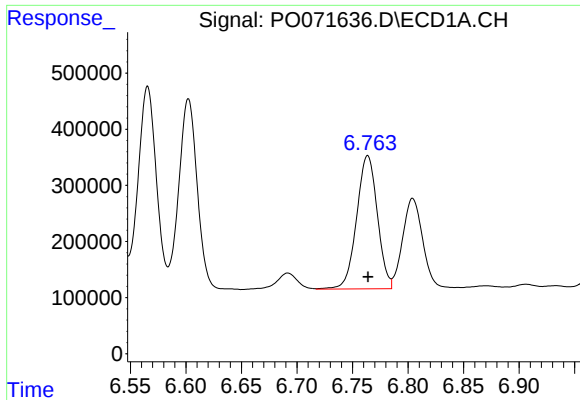
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: -0.004 min
Response: 2988486
Conc: 816.09 ng/ml



#26 AR-1254-1

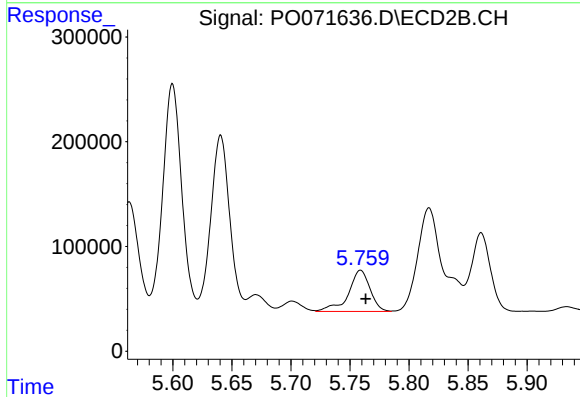
R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 2413009
Conc: 1018.90 ng/ml



#27 AR-1254-2

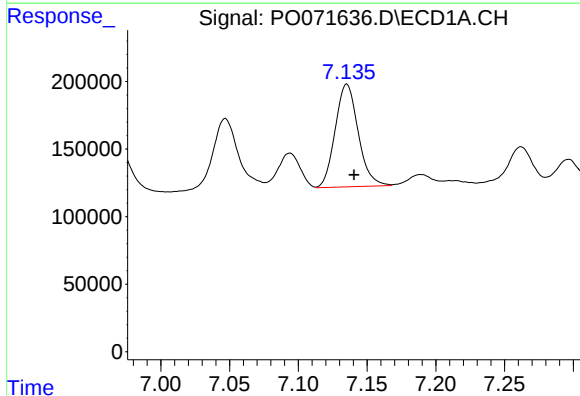
R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 3087861
Conc: 512.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



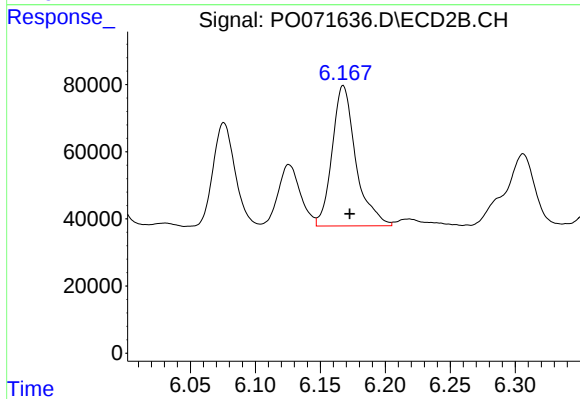
#27 AR-1254-2

R.T.: 5.759 min
Delta R.T.: -0.004 min
Response: 501630
Conc: 239.50 ng/ml



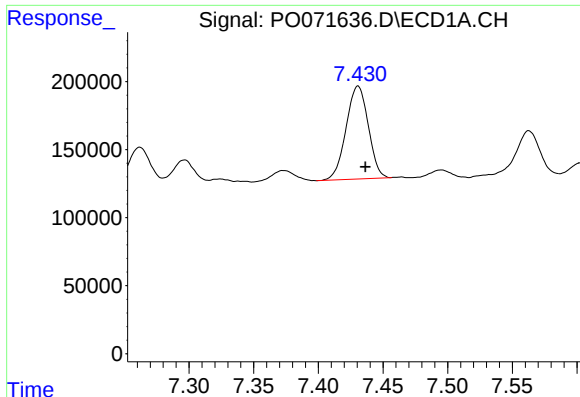
#28 AR-1254-3

R.T.: 7.135 min
Delta R.T.: -0.005 min
Response: 885978
Conc: 139.93 ng/ml



#28 AR-1254-3

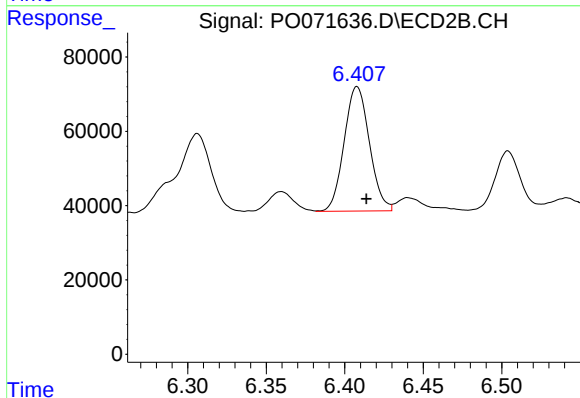
R.T.: 6.168 min
Delta R.T.: -0.005 min
Response: 529821
Conc: 156.58 ng/ml



#29 AR-1254-4

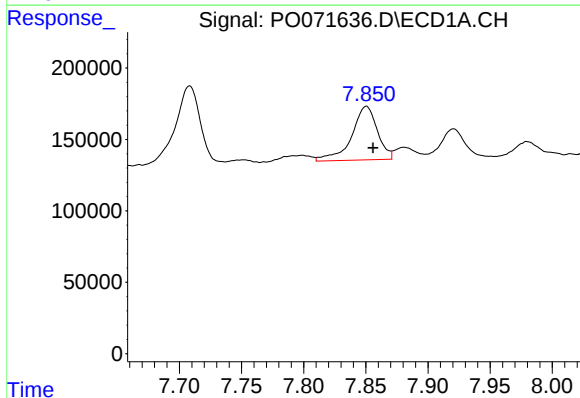
R.T.: 7.431 min
Delta R.T.: -0.005 min
Response: 814422
Conc: 132.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



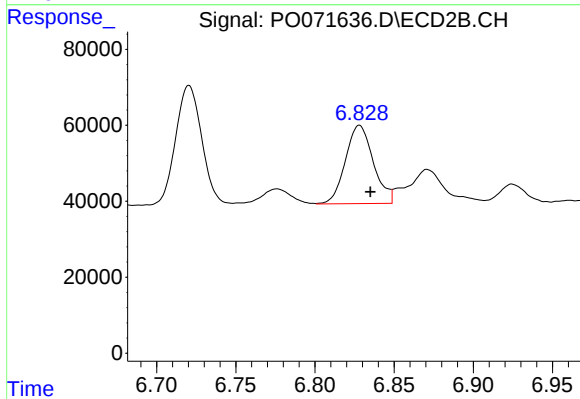
#29 AR-1254-4

R.T.: 6.408 min
Delta R.T.: -0.006 min
Response: 375881
Conc: 157.88 ng/ml



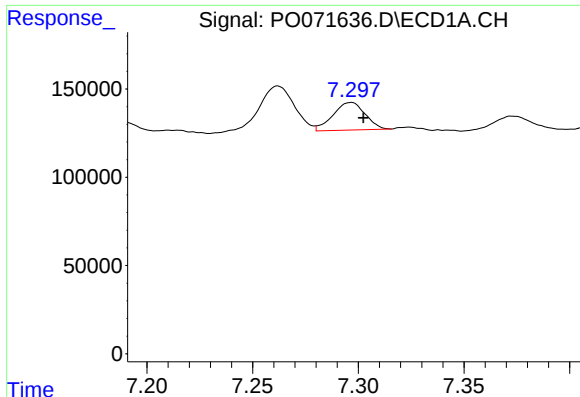
#30 AR-1254-5

R.T.: 7.850 min
Delta R.T.: -0.005 min
Response: 541878
Conc: 91.17 ng/ml



#30 AR-1254-5

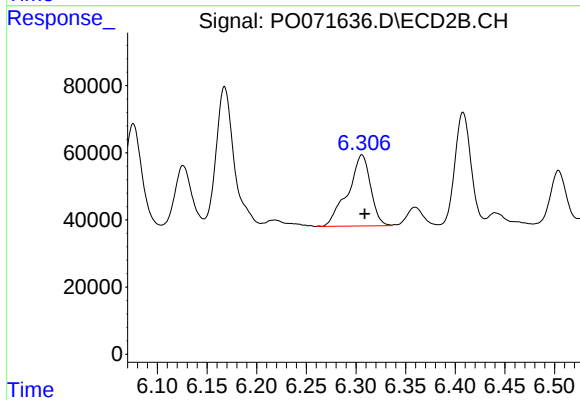
R.T.: 6.828 min
Delta R.T.: -0.007 min
Response: 253177
Conc: 78.27 ng/ml



#31 AR-1260-1

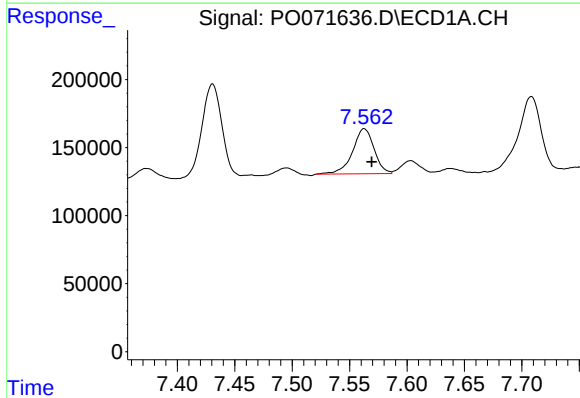
R.T.: 7.297 min
Delta R.T.: -0.006 min
Response: 165115
Conc: 29.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



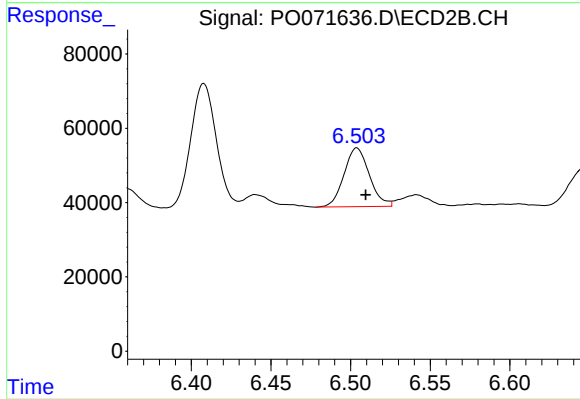
#31 AR-1260-1

R.T.: 6.306 min
Delta R.T.: -0.003 min
Response: 336622
Conc: 121.64 ng/ml



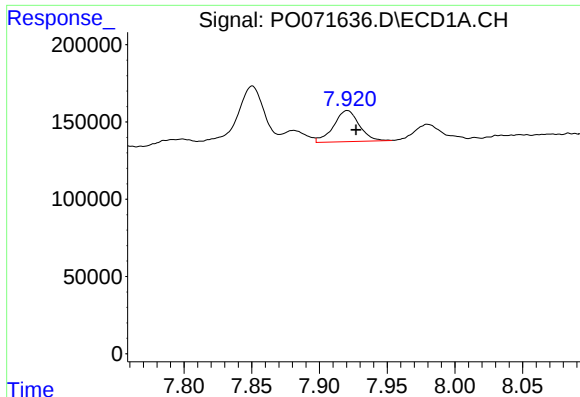
#32 AR-1260-2

R.T.: 7.563 min
Delta R.T.: -0.007 min
Response: 433397
Conc: 49.92 ng/ml



#32 AR-1260-2

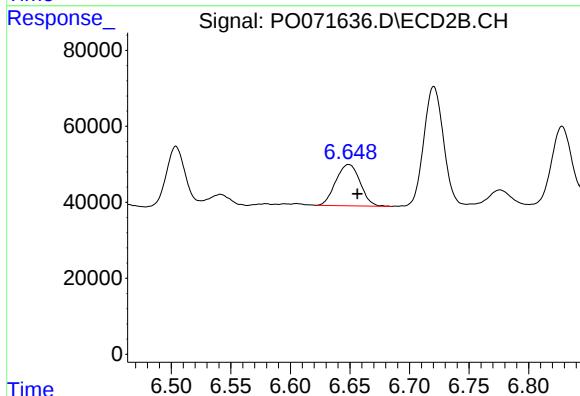
R.T.: 6.504 min
Delta R.T.: -0.006 min
Response: 175435
Conc: 49.63 ng/ml



#33 AR-1260-3

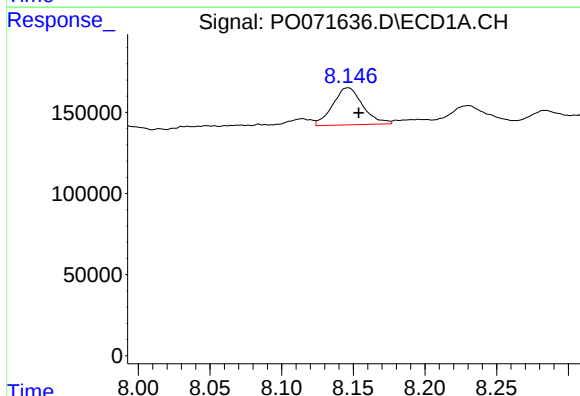
R.T.: 7.921 min
Delta R.T.: -0.006 min
Response: 265447
Conc: 36.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



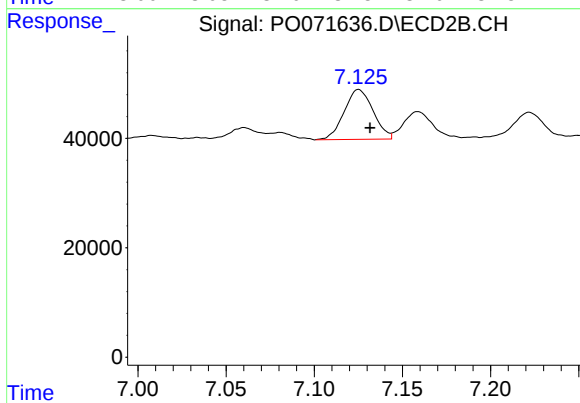
#33 AR-1260-3

R.T.: 6.649 min
Delta R.T.: -0.007 min
Response: 154663
Conc: 48.11 ng/ml



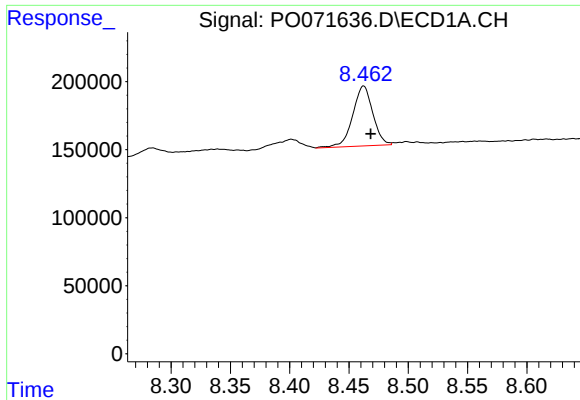
#34 AR-1260-4

R.T.: 8.146 min
Delta R.T.: -0.008 min
Response: 334012
Conc: 50.41 ng/ml



#34 AR-1260-4

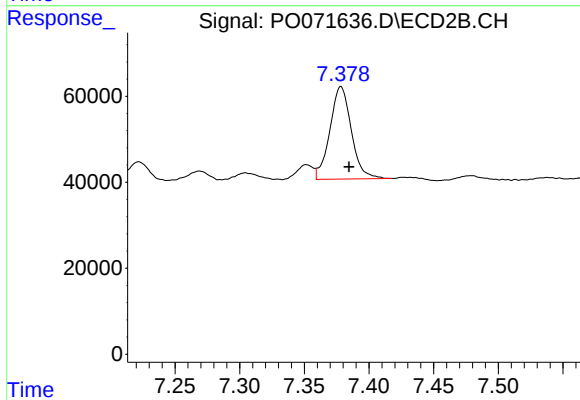
R.T.: 7.125 min
Delta R.T.: -0.006 min
Response: 104008
Conc: 36.05 ng/ml



#35 AR-1260-5

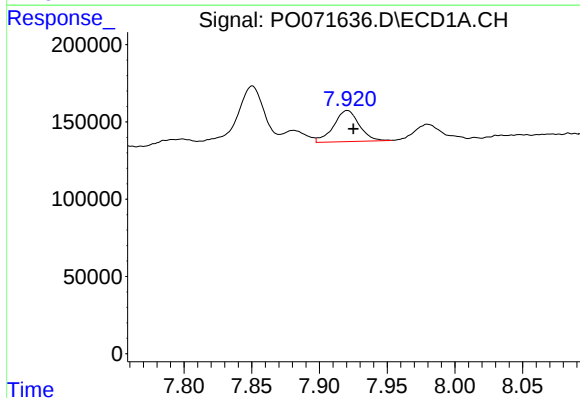
R.T.: 8.462 min
Delta R.T.: -0.006 min
Response: 518150
Conc: 34.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



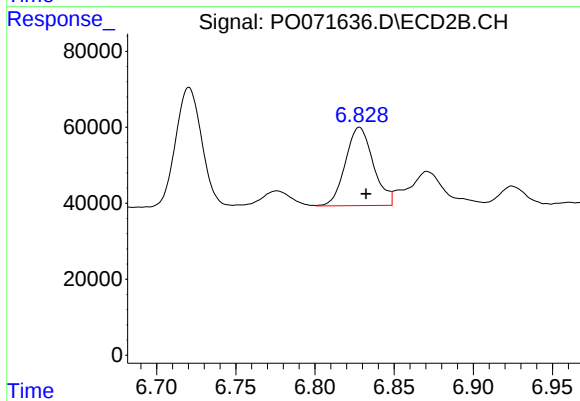
#35 AR-1260-5

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 248320
Conc: 33.57 ng/ml



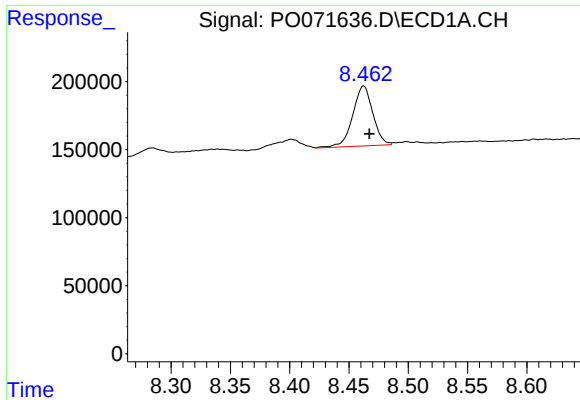
#36 AR-1262-1

R.T.: 7.921 min
Delta R.T.: -0.004 min
Response: 265447
Conc: 28.10 ng/ml



#36 AR-1262-1

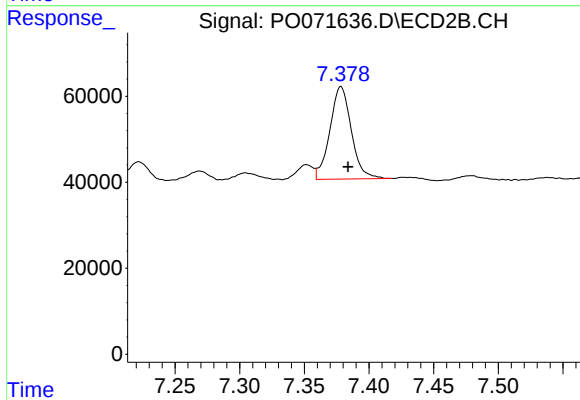
R.T.: 6.828 min
Delta R.T.: -0.004 min
Response: 253177
Conc: 136.19 ng/ml



#37 AR-1262-2

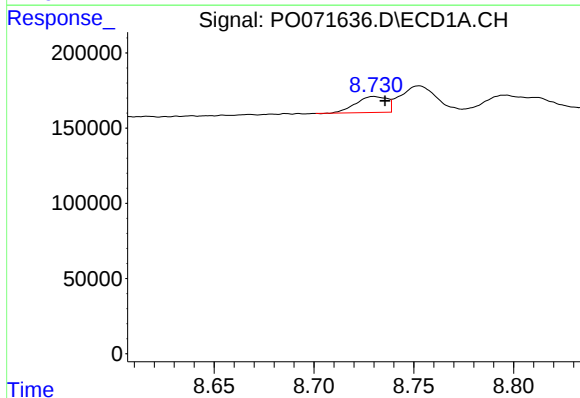
R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 518150
Conc: 32.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



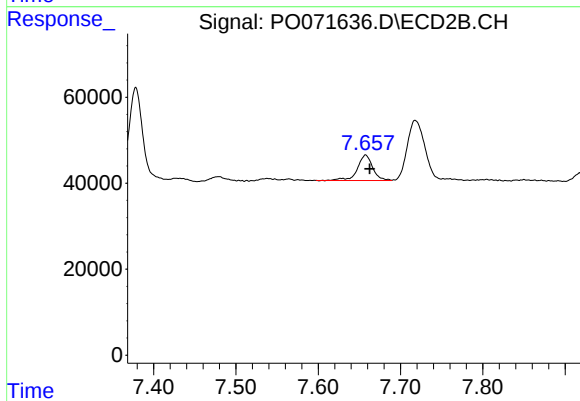
#37 AR-1262-2

R.T.: 7.378 min
Delta R.T.: -0.005 min
Response: 248320
Conc: 35.95 ng/ml



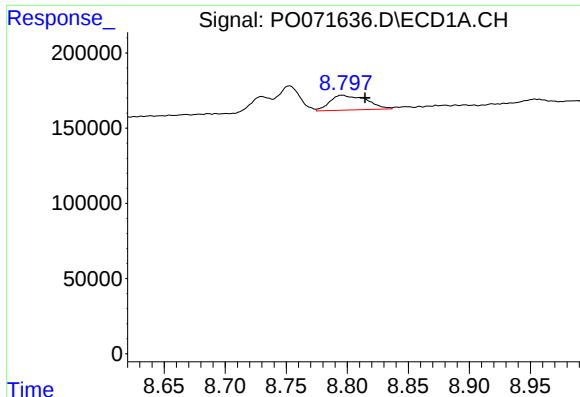
#38 AR-1262-3

R.T.: 8.730 min
Delta R.T.: -0.006 min
Response: 115103
Conc: 16.93 ng/ml



#38 AR-1262-3

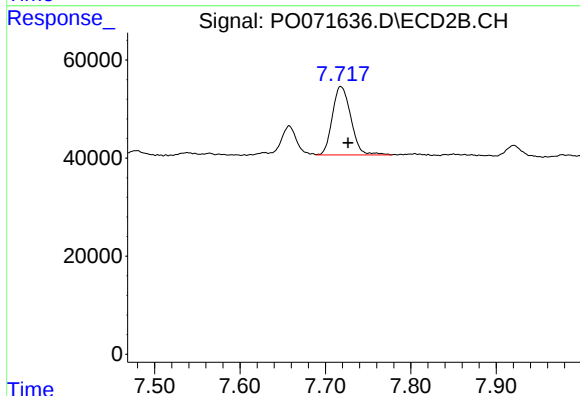
R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 76325
Conc: 25.59 ng/ml



#39 AR-1262-4

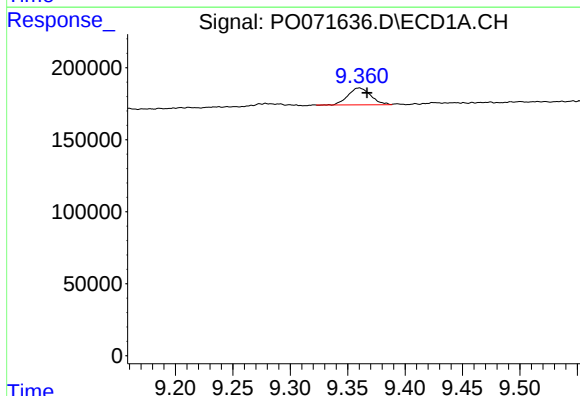
R.T.: 8.796 min
Delta R.T.: -0.019 min
Response: 206312
Conc: 54.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



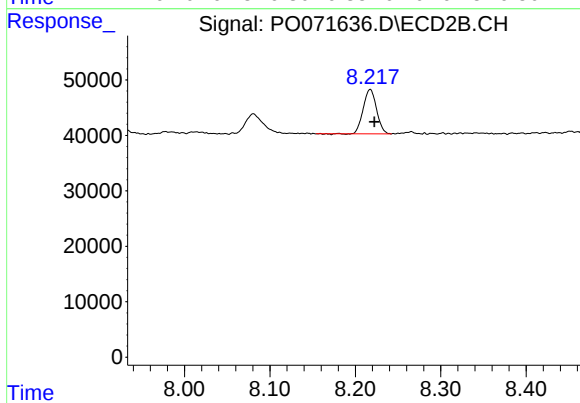
#39 AR-1262-4

R.T.: 7.718 min
Delta R.T.: -0.008 min
Response: 210343
Conc: 39.73 ng/ml



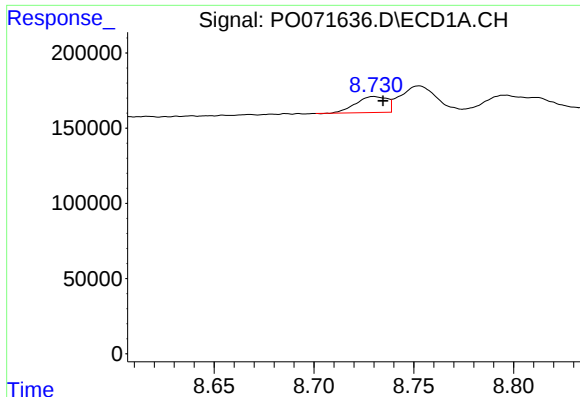
#40 AR-1262-5

R.T.: 9.360 min
Delta R.T.: -0.007 min
Response: 163433
Conc: 32.23 ng/ml



#40 AR-1262-5

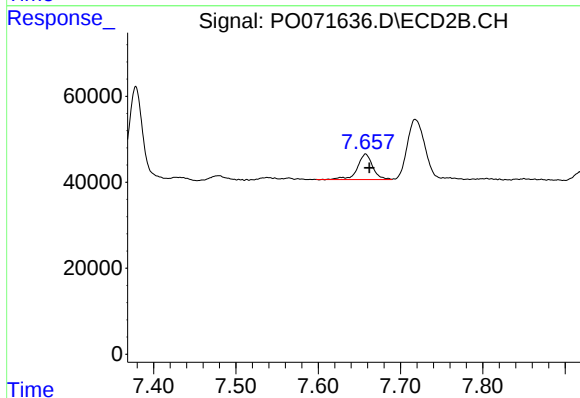
R.T.: 8.217 min
Delta R.T.: -0.005 min
Response: 86822
Conc: 31.86 ng/ml



#41 AR-1268-1

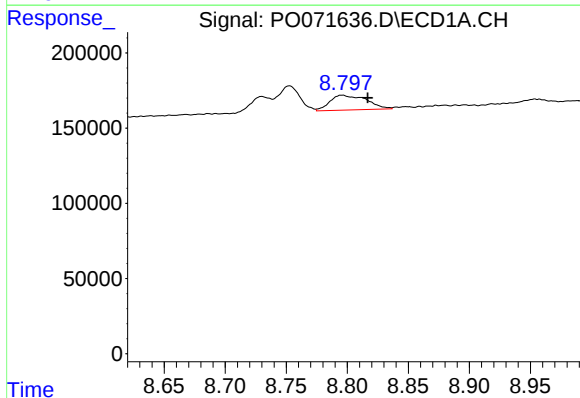
R.T.: 8.730 min
Delta R.T.: -0.005 min
Response: 115103
Conc: 6.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



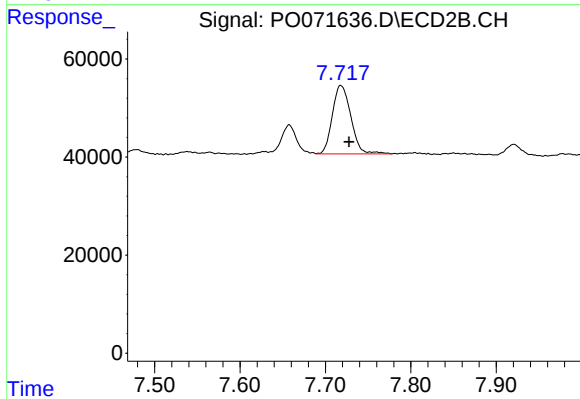
#41 AR-1268-1

R.T.: 7.658 min
Delta R.T.: -0.005 min
Response: 76325
Conc: 9.04 ng/ml



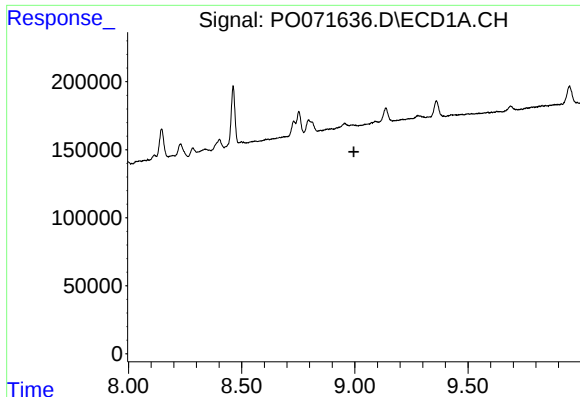
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: -0.021 min
Response: 206312
Conc: 13.46 ng/ml



#42 AR-1268-2

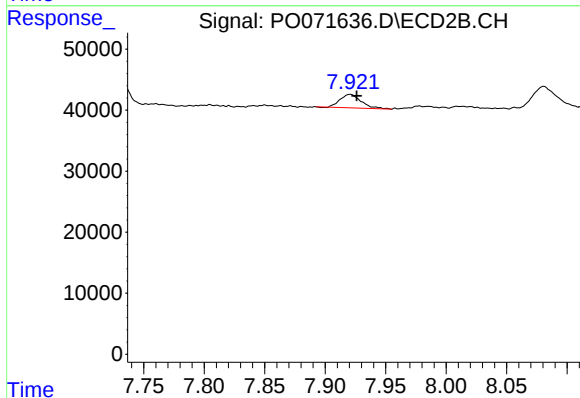
R.T.: 7.718 min
Delta R.T.: -0.010 min
Response: 210343
Conc: 27.71 ng/ml



#43 AR-1268-3

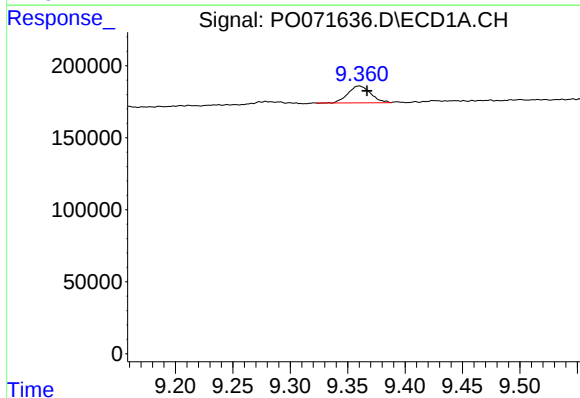
R.T.: 0.000 min
Exp R.T.: 8.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



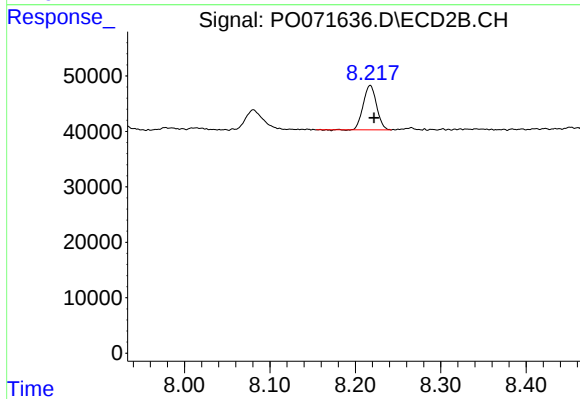
#43 AR-1268-3

R.T.: 7.921 min
Delta R.T.: -0.005 min
Response: 26829
Conc: 4.13 ng/ml



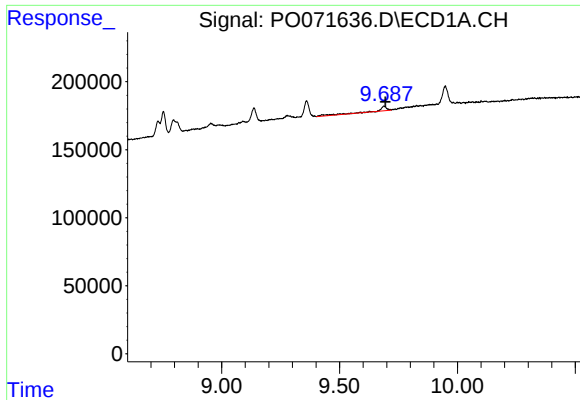
#44 AR-1268-4

R.T.: 9.360 min
Delta R.T.: -0.007 min
Response: 163433
Conc: 28.94 ng/ml



#44 AR-1268-4

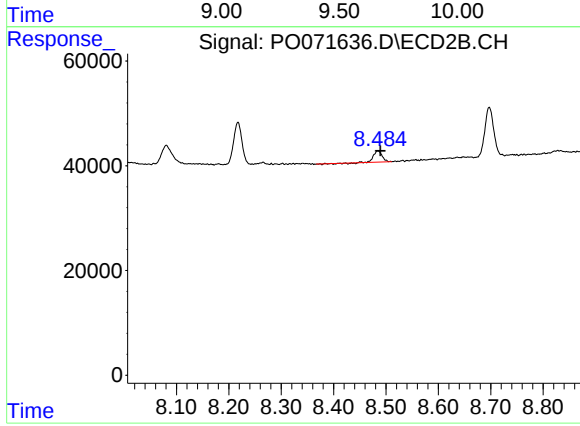
R.T.: 8.217 min
Delta R.T.: -0.005 min
Response: 86822
Conc: 28.95 ng/ml



#45 AR-1268-5

R.T.: 9.688 min
Delta R.T.: -0.007 min
Response: 91824
Conc: 2.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 23729
Conc: 1.15 ng/ml