

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO103118\
 Data File : PO050820.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Oct 2018 16:51
 Operator : SM/SJ
 Sample : PB114298BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:44:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 30 07:48:38 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...	4.355	3.348	8626499	3815373	17.258	17.554
2)	SA Decachlor...	10.011	8.093	5013930	4228583	16.131	16.532
Target Compounds							
3)	L1 AR-1016-1	5.518	4.364	2622203	1448141	137.463	157.583
4)	L1 AR-1016-2	5.540	4.380	4012172	2635512	144.000	170.076
5)	L1 AR-1016-3	5.602	4.544	2357849	1240336	143.249	154.855
6)	L1 AR-1016-4	5.700	4.587	1785668	994998	132.998	163.524
7)	L1 AR-1016-5	5.993	4.786	1774418	1369063	131.515	158.648
8)	L2 AR-1221-1	0.000	3.547	0	35461	N.D.	20.979 #
9)	L2 AR-1221-2	4.725	3.631	1288644	235765	425.307	185.256 #
10)	L2 AR-1221-3	4.725	3.701	1288644	665650	108.304	155.649 #
11)	L3 AR-1232-1	4.725	3.701	1288644	665650	150.540	166.513
12)	L3 AR-1232-2	5.251	4.380	1966816	2635512	422.080	550.940 #
13)	L3 AR-1232-3	5.540	4.544	4012172	1240336	435.951	475.651
14)	L3 AR-1232-4	5.700	4.626	1785668	1215795	395.551	545.380 #
15)	L3 AR-1232-5	5.789	4.786	1261832	1369063	425.161	514.739
16)	L4 AR-1242-1	5.518	4.364	2622203	1448141	208.040	246.750
17)	L4 AR-1242-2	5.540	4.380	4012172	2635512	217.423	263.805
18)	L4 AR-1242-3	5.602	4.544	2357849	1240336	220.939	245.628
19)	L4 AR-1242-4	5.700	4.626	1785668	1215795	205.202	254.512
20)	L4 AR-1242-5	6.368	5.120	902969	1067996	96.805	165.774 #
21)	L5 AR-1248-1	5.518	4.364	2622203	1448141	269.833	313.895
22)	L5 AR-1248-2	5.789	4.587	1261832	994998	97.413	142.862 #
23)	L5 AR-1248-3	5.993	4.626	1774418	1215795	117.234	173.929 #
24)	L5 AR-1248-4	6.368	4.786	902969	1369063	54.163	146.719 #
25)	L5 AR-1248-5	6.368	5.158	902969	216548	57.842	22.522 #
26)	L6 AR-1254-1	6.368	5.120	902969	1067996	41.122	55.701 #
27)	L6 AR-1254-2	6.585	5.261	1413037	980003	41.793	56.454 #
28)	L6 AR-1254-3	6.952	5.660	827175	2423606	23.754	85.627 #
29)	L6 AR-1254-4	7.237	5.866	431869	248394	18.671	14.053
30)	L6 AR-1254-5	7.653	6.267	4283288	4206755	174.456	157.343
31)	L7 AR-1260-1	7.114	5.770	3080529	3065951	119.745	148.287
32)	L7 AR-1260-2	7.370	5.953	3633863	4080578	122.838	142.103
33)	L7 AR-1260-3	7.727	6.098	2190790	3370430	103.371	136.672 #
34)	L7 AR-1260-4	7.953	6.554	2590781	2610501	113.219	126.567
35)	L7 AR-1260-5	8.266	6.792	4909672	6658514	111.469	128.141
36)	L8 AR-1262-1	7.727	6.305	2190790	3224656	88.802	114.594 #
37)	L8 AR-1262-2	8.266	6.792	4909672	6658514	125.445	148.223
38)	L8 AR-1262-3	8.584	7.067	2909954	1152825	115.183	64.209 #
39)	L8 AR-1262-4	8.637	7.127	1671777	4044274	85.180	137.469 #
40)	L8 AR-1262-5	9.292	7.613	1103257	1119629	91.533	96.475
41)	L9 AR-1268-1	8.584	7.067	2909954	1152825	57.677	20.931 #

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 ALS Vial : 5 Sample Multiplier: 1

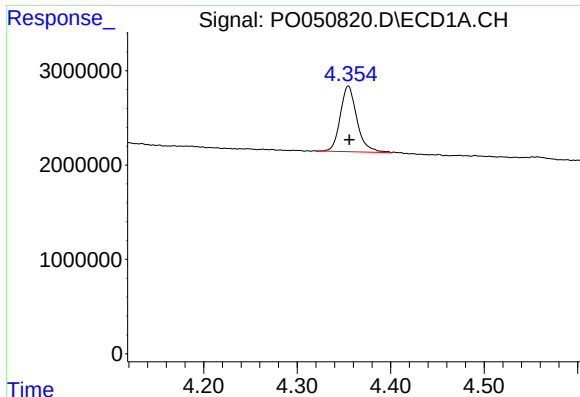
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.637	7.127	1671777	4044274	36.753	84.845 #
44) L9	AR-1268-4	9.292	7.613	1103257	1119629	77.884	80.143
45) L9	AR-1268-5	0.000	7.878	0	320589	N.D.	3.198 #

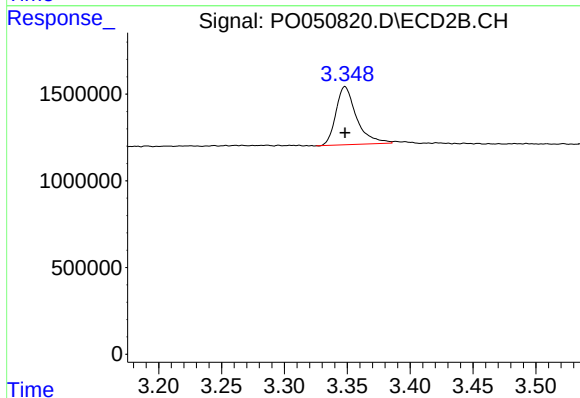
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

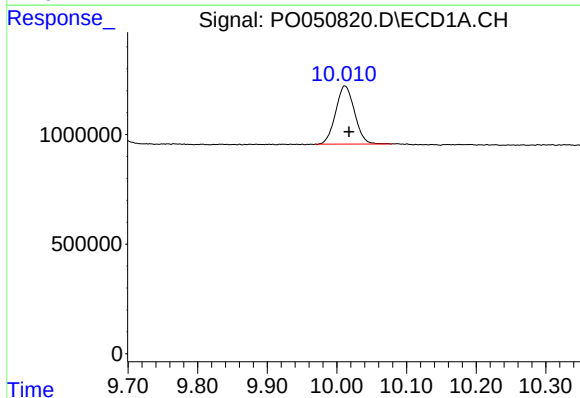
R.T.: 4.355 min
Delta R.T.: -0.001 min
Response: 8626499
Conc: 17.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



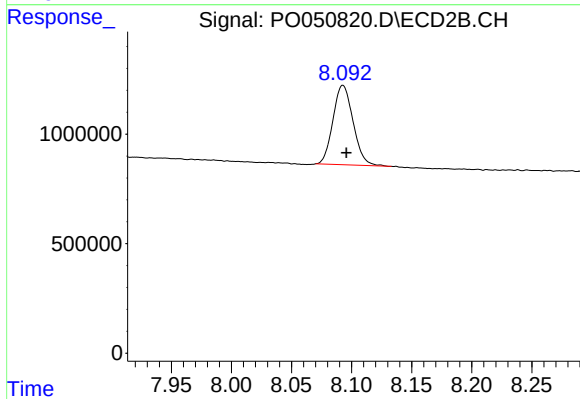
#1 Tetrachloro-m-xylene

R.T.: 3.348 min
Delta R.T.: 0.000 min
Response: 3815373
Conc: 17.55 ng/ml



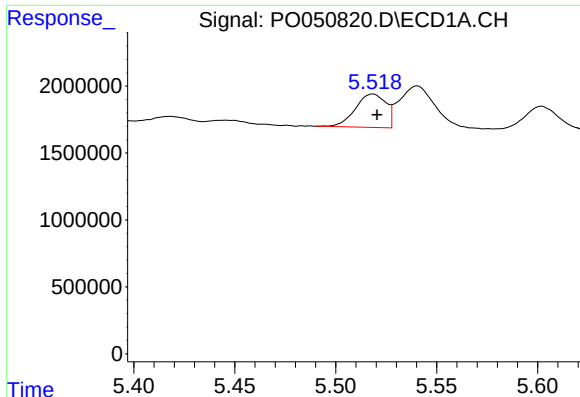
#2 Decachlorobiphenyl

R.T.: 10.011 min
Delta R.T.: -0.006 min
Response: 5013930
Conc: 16.13 ng/ml



#2 Decachlorobiphenyl

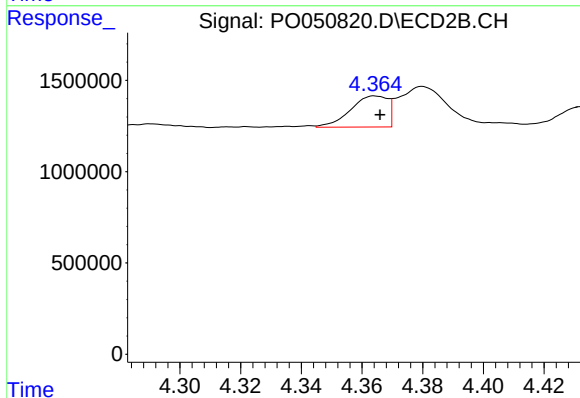
R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 4228583
Conc: 16.53 ng/ml



#3 AR-1016-1

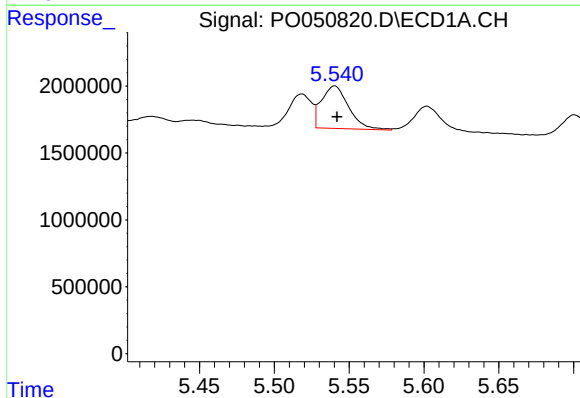
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 2622203
Conc: 137.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



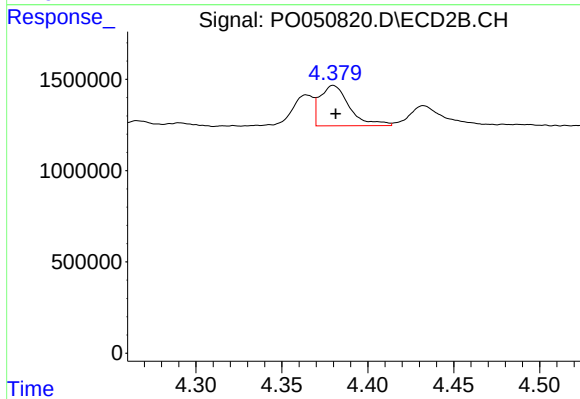
#3 AR-1016-1

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 1448141
Conc: 157.58 ng/ml



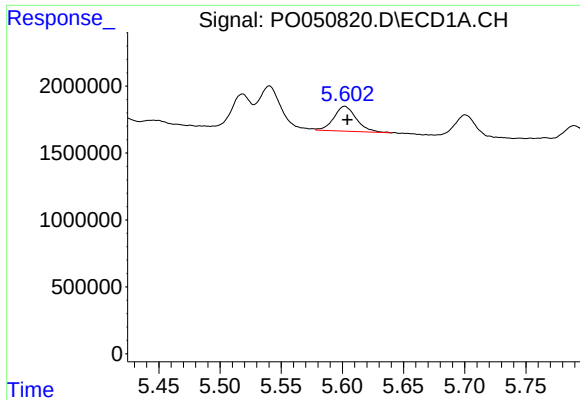
#4 AR-1016-2

R.T.: 5.540 min
Delta R.T.: -0.001 min
Response: 4012172
Conc: 144.00 ng/ml



#4 AR-1016-2

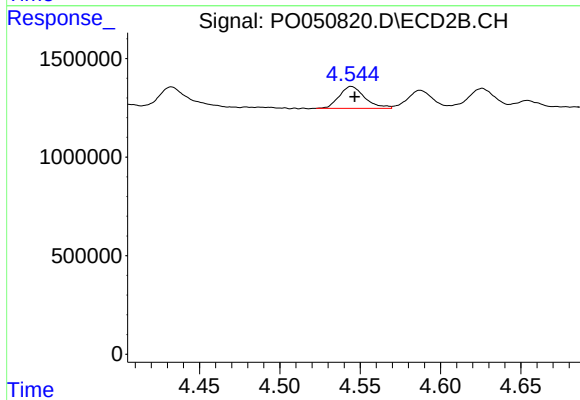
R.T.: 4.380 min
Delta R.T.: -0.001 min
Response: 2635512
Conc: 170.08 ng/ml



#5 AR-1016-3

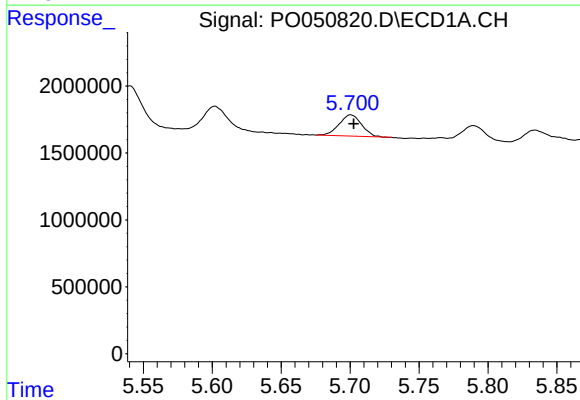
R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 2357849
Conc: 143.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



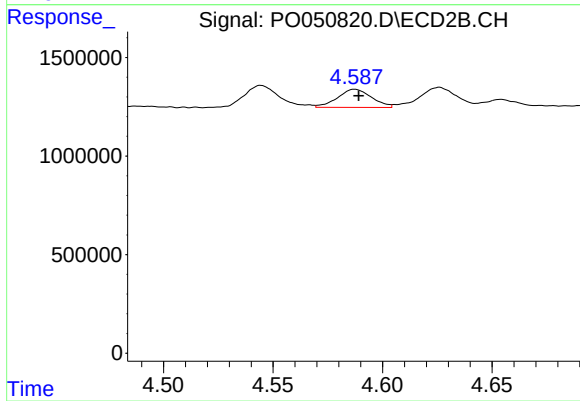
#5 AR-1016-3

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 1240336
Conc: 154.85 ng/ml



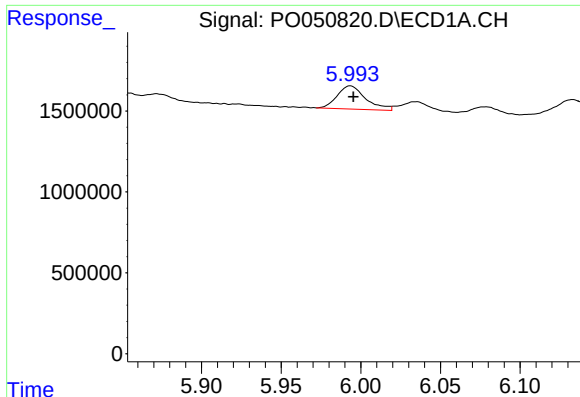
#6 AR-1016-4

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 1785668
Conc: 133.00 ng/ml



#6 AR-1016-4

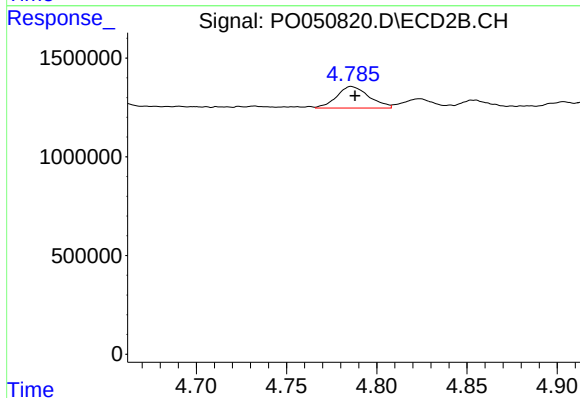
R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 994998
Conc: 163.52 ng/ml



#7 AR-1016-5

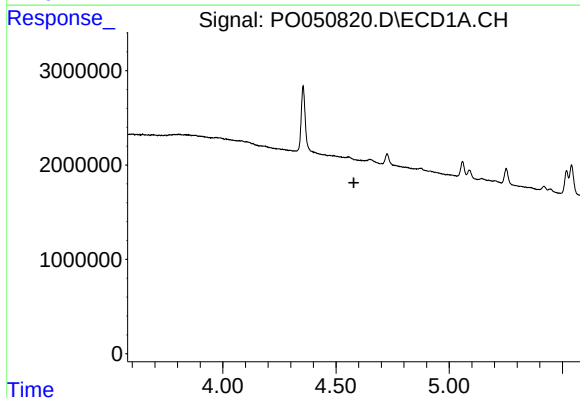
R.T.: 5.993 min
Delta R.T.: -0.002 min
Response: 1774418
Conc: 131.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



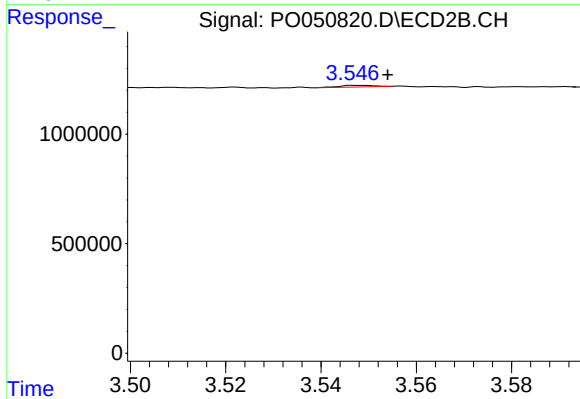
#7 AR-1016-5

R.T.: 4.786 min
Delta R.T.: -0.002 min
Response: 1369063
Conc: 158.65 ng/ml



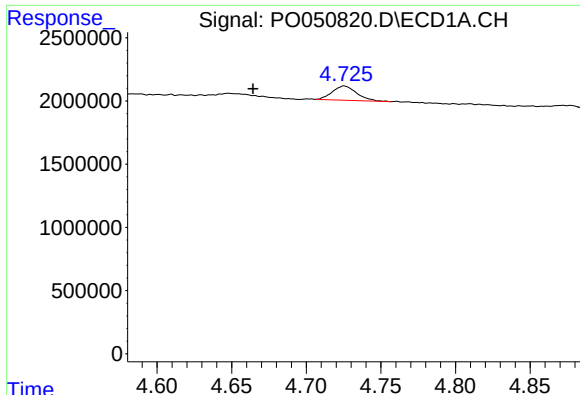
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.579 min
Response: 0
Conc: N.D.



#8 AR-1221-1

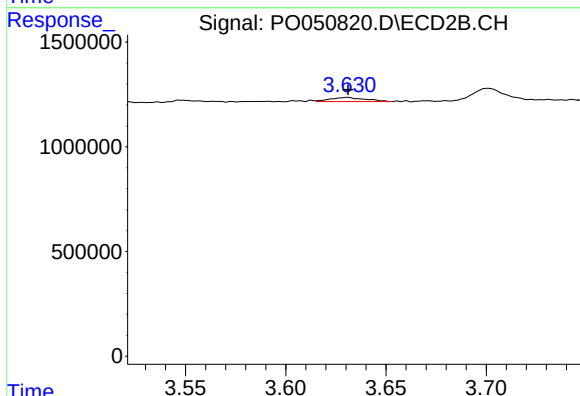
R.T.: 3.547 min
Delta R.T.: -0.007 min
Response: 35461
Conc: 20.98 ng/ml



#9 AR-1221-2

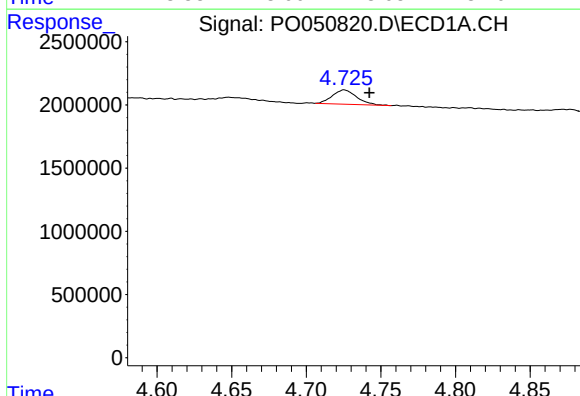
R.T.: 4.725 min
Delta R.T.: 0.061 min
Response: 1288644
Conc: 425.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



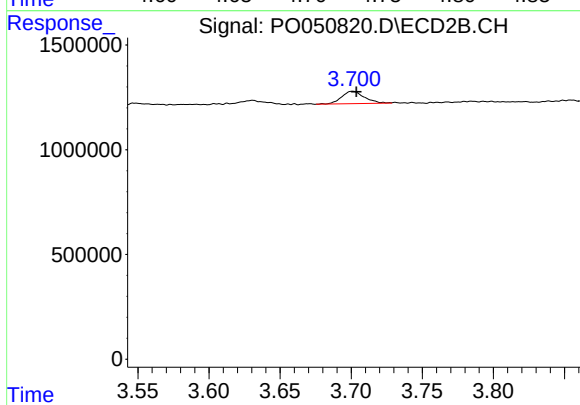
#9 AR-1221-2

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 235765
Conc: 185.26 ng/ml



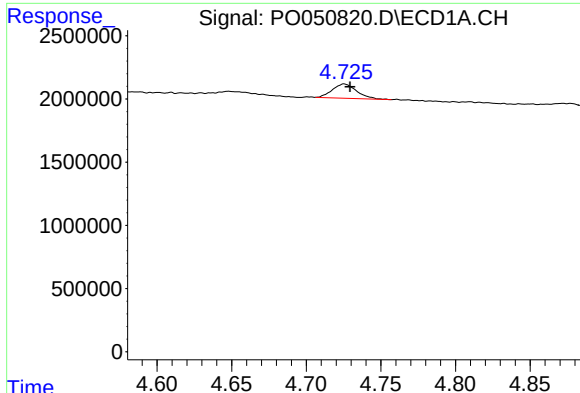
#10 AR-1221-3

R.T.: 4.725 min
Delta R.T.: -0.017 min
Response: 1288644
Conc: 108.30 ng/ml



#10 AR-1221-3

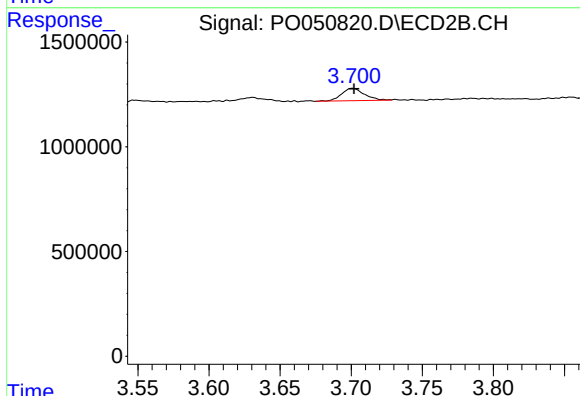
R.T.: 3.701 min
Delta R.T.: -0.003 min
Response: 665650
Conc: 155.65 ng/ml



#11 AR-1232-1

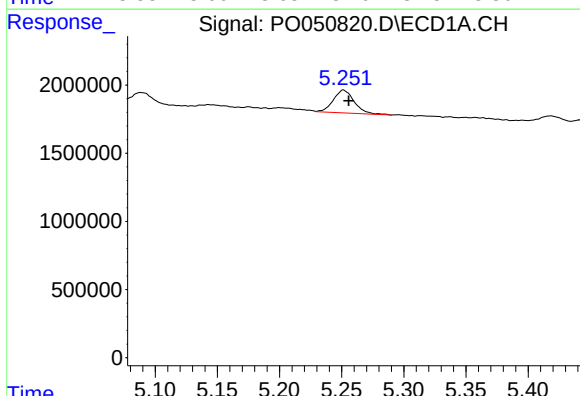
R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 1288644
Conc: 150.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



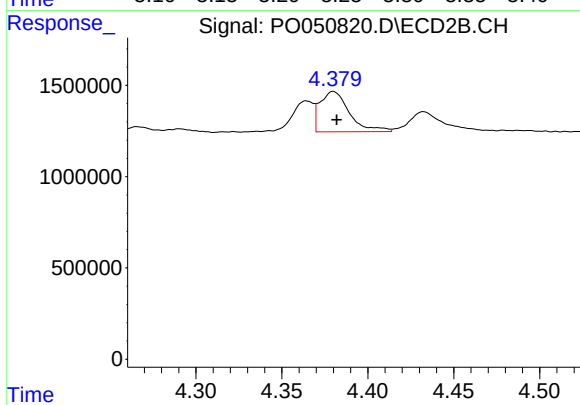
#11 AR-1232-1

R.T.: 3.701 min
Delta R.T.: -0.001 min
Response: 665650
Conc: 166.51 ng/ml



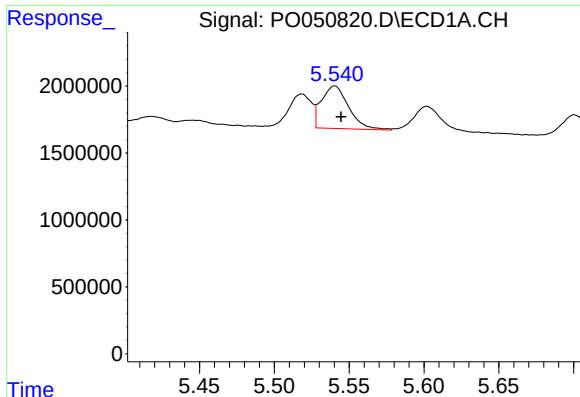
#12 AR-1232-2

R.T.: 5.251 min
Delta R.T.: -0.004 min
Response: 1966816
Conc: 422.08 ng/ml



#12 AR-1232-2

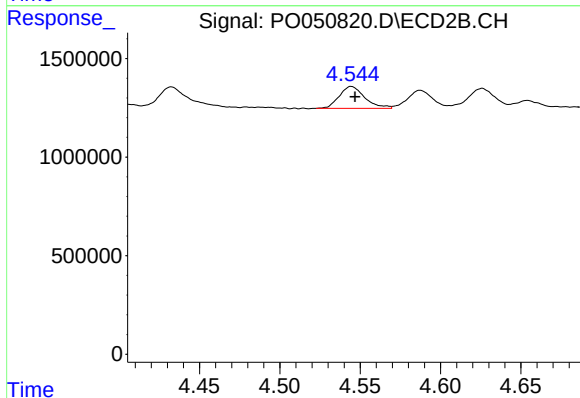
R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 2635512
Conc: 550.94 ng/ml



#13 AR-1232-3

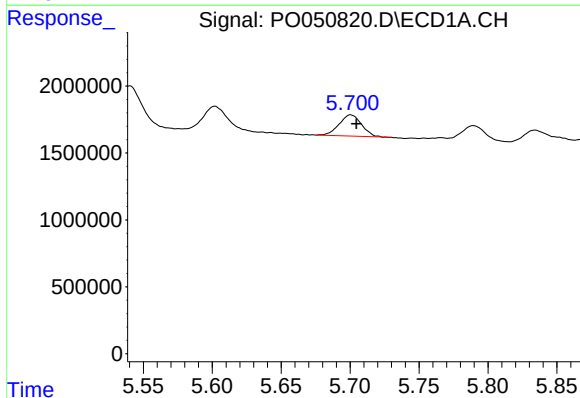
R.T.: 5.540 min
Delta R.T.: -0.004 min
Response: 4012172
Conc: 435.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



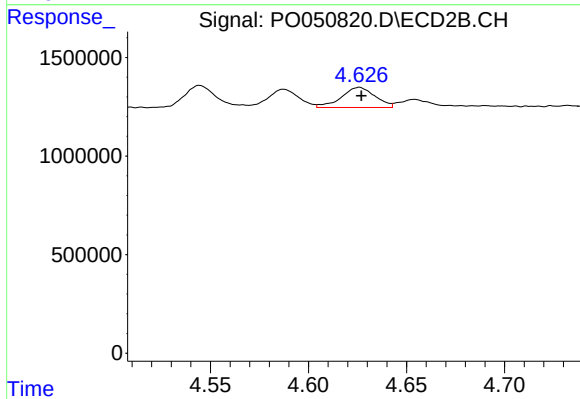
#13 AR-1232-3

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 1240336
Conc: 475.65 ng/ml



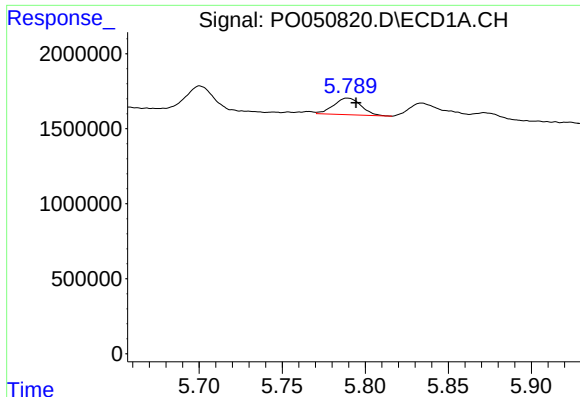
#14 AR-1232-4

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 1785668
Conc: 395.55 ng/ml



#14 AR-1232-4

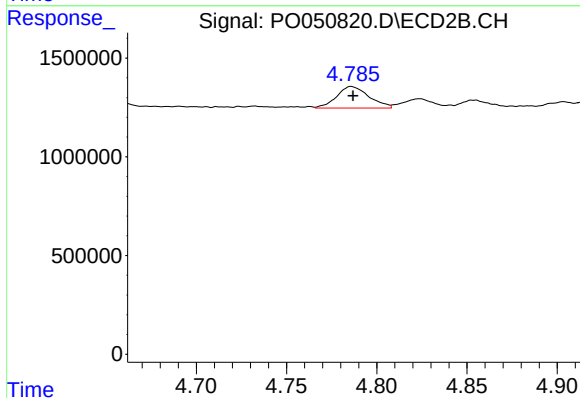
R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 1215795
Conc: 545.38 ng/ml



#15 AR-1232-5

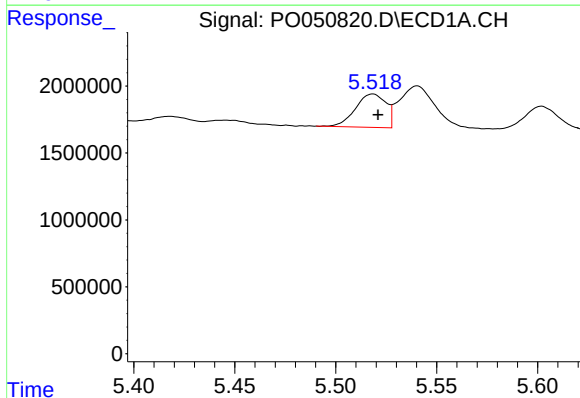
R.T.: 5.789 min
Delta R.T.: -0.005 min
Response: 1261832
Conc: 425.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



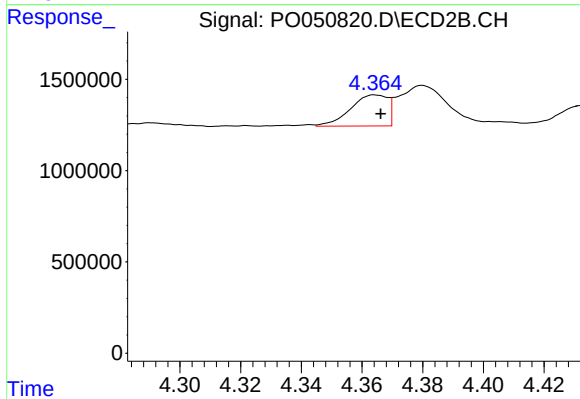
#15 AR-1232-5

R.T.: 4.786 min
Delta R.T.: -0.001 min
Response: 1369063
Conc: 514.74 ng/ml



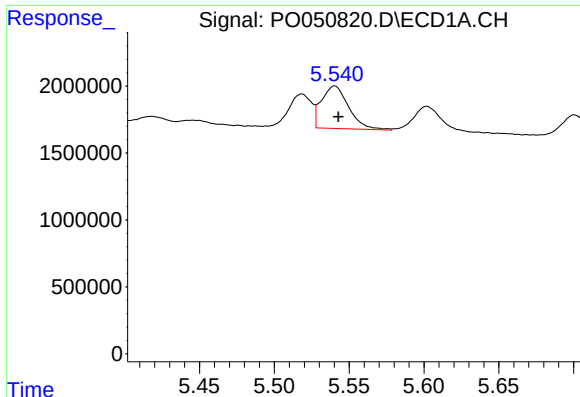
#16 AR-1242-1

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 2622203
Conc: 208.04 ng/ml



#16 AR-1242-1

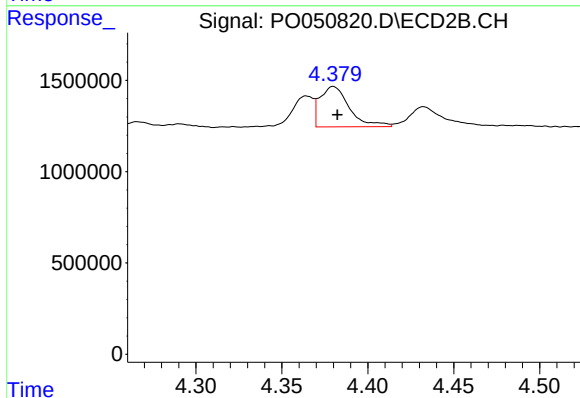
R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 1448141
Conc: 246.75 ng/ml



#17 AR-1242-2

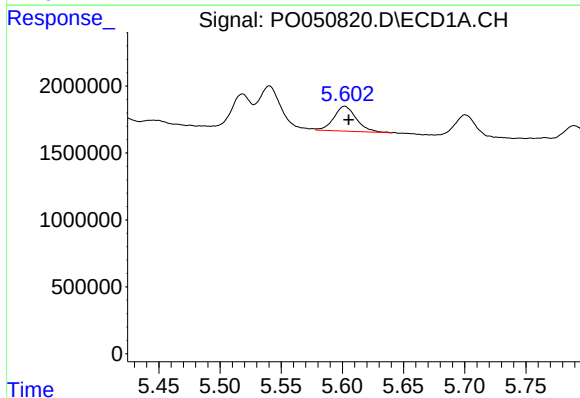
R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 4012172
Conc: 217.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



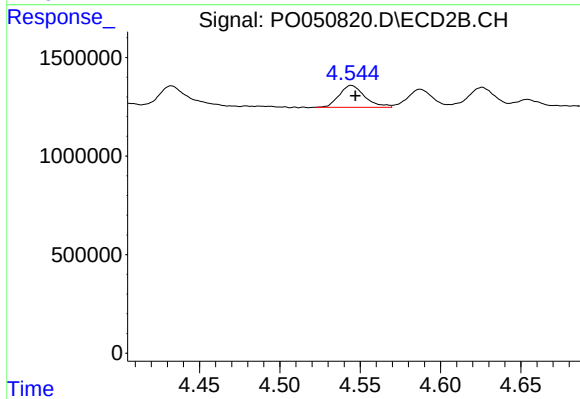
#17 AR-1242-2

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 2635512
Conc: 263.81 ng/ml



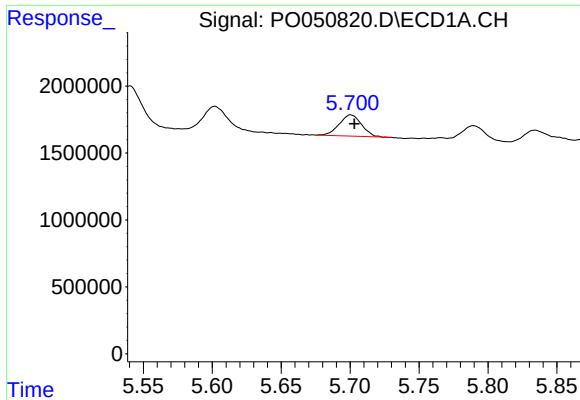
#18 AR-1242-3

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 2357849
Conc: 220.94 ng/ml



#18 AR-1242-3

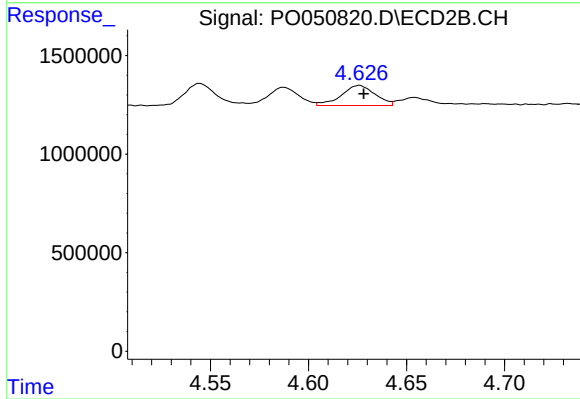
R.T.: 4.544 min
Delta R.T.: -0.003 min
Response: 1240336
Conc: 245.63 ng/ml



#19 AR-1242-4

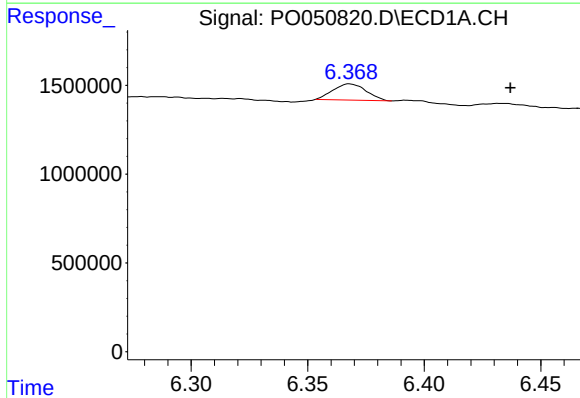
R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 1785668
Conc: 205.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



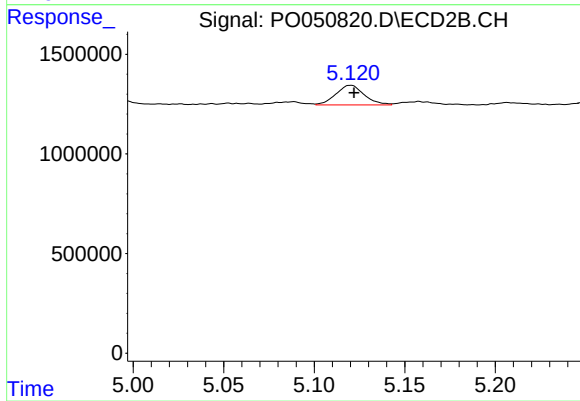
#19 AR-1242-4

R.T.: 4.626 min
Delta R.T.: -0.002 min
Response: 1215795
Conc: 254.51 ng/ml



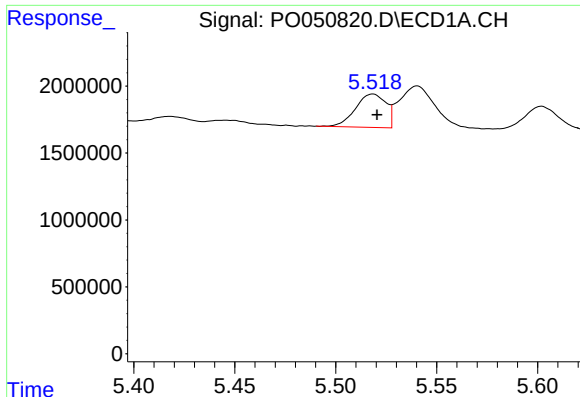
#20 AR-1242-5

R.T.: 6.368 min
Delta R.T.: -0.069 min
Response: 902969
Conc: 96.81 ng/ml



#20 AR-1242-5

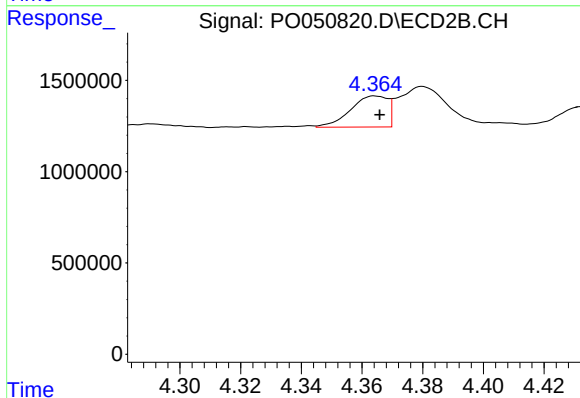
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1067996
Conc: 165.77 ng/ml



#21 AR-1248-1

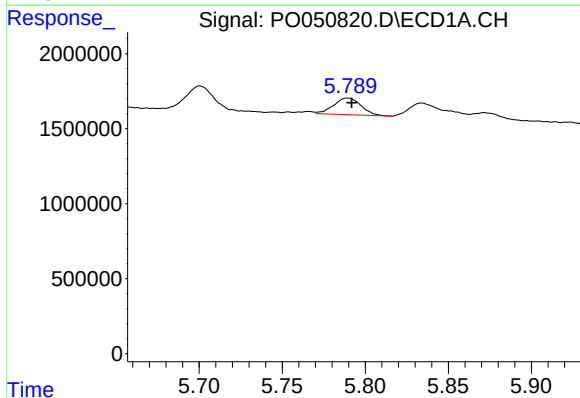
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 2622203
Conc: 269.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



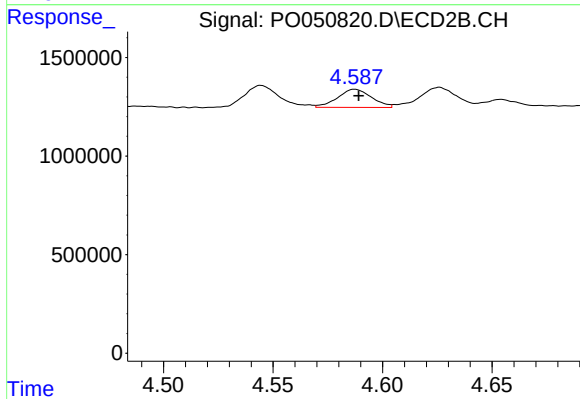
#21 AR-1248-1

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 1448141
Conc: 313.89 ng/ml



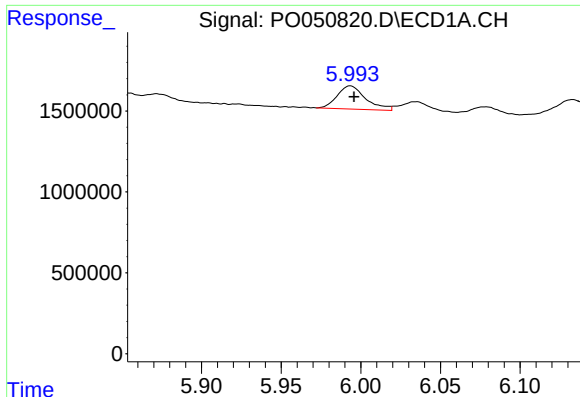
#22 AR-1248-2

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 1261832
Conc: 97.41 ng/ml



#22 AR-1248-2

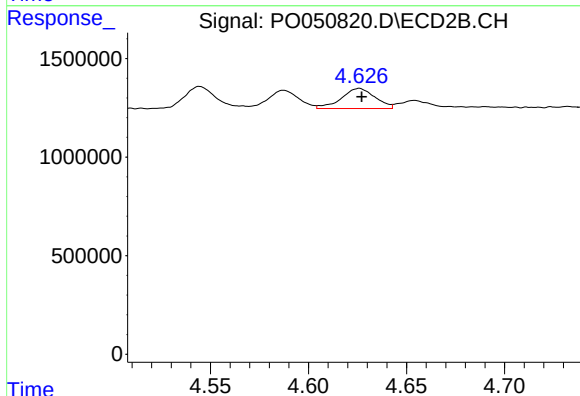
R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 994998
Conc: 142.86 ng/ml



#23 AR-1248-3

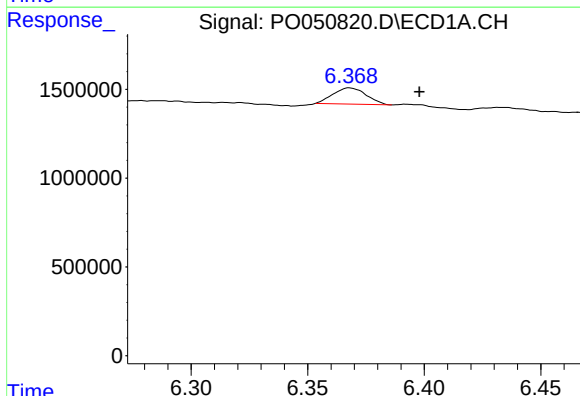
R.T.: 5.993 min
Delta R.T.: -0.002 min
Response: 1774418
Conc: 117.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



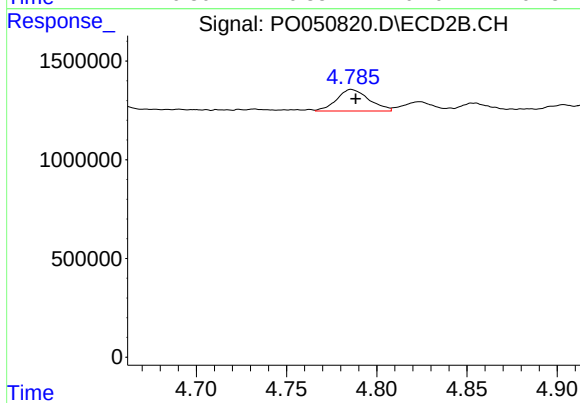
#23 AR-1248-3

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 1215795
Conc: 173.93 ng/ml



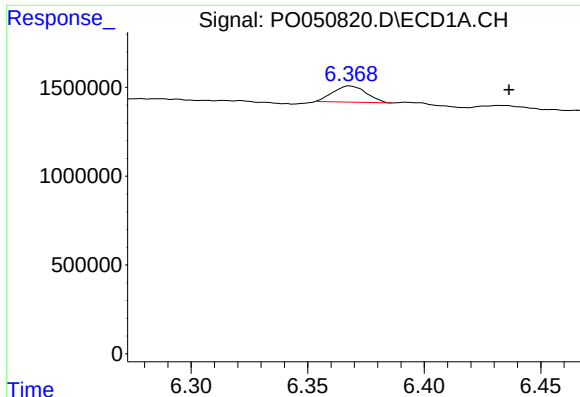
#24 AR-1248-4

R.T.: 6.368 min
Delta R.T.: -0.030 min
Response: 902969
Conc: 54.16 ng/ml



#24 AR-1248-4

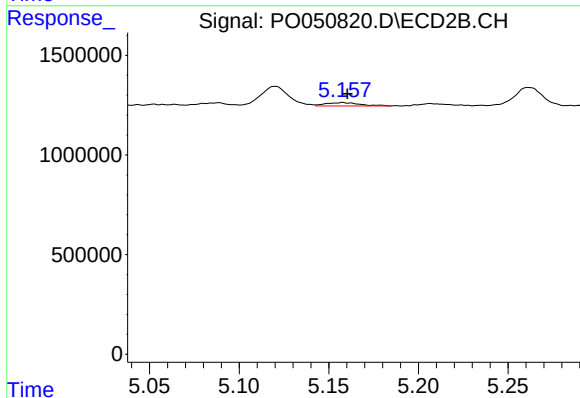
R.T.: 4.786 min
Delta R.T.: -0.002 min
Response: 1369063
Conc: 146.72 ng/ml



#25 AR-1248-5

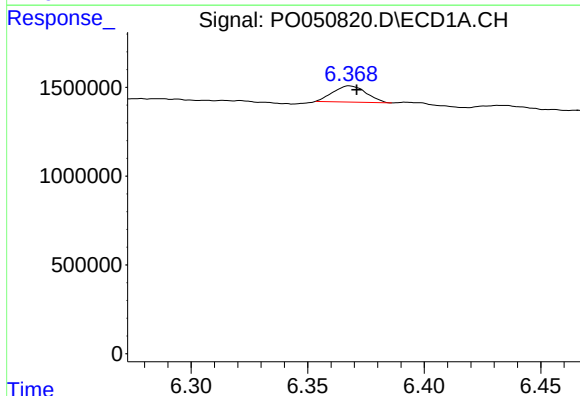
R.T.: 6.368 min
Delta R.T.: -0.068 min
Response: 902969
Conc: 57.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



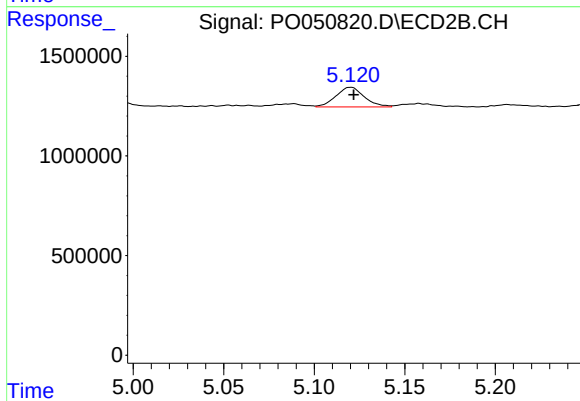
#25 AR-1248-5

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 216548
Conc: 22.52 ng/ml



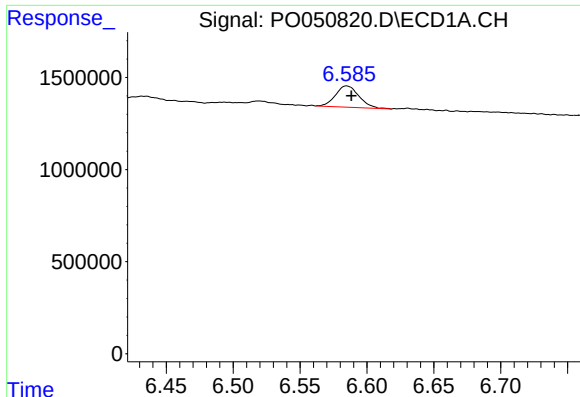
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 902969
Conc: 41.12 ng/ml



#26 AR-1254-1

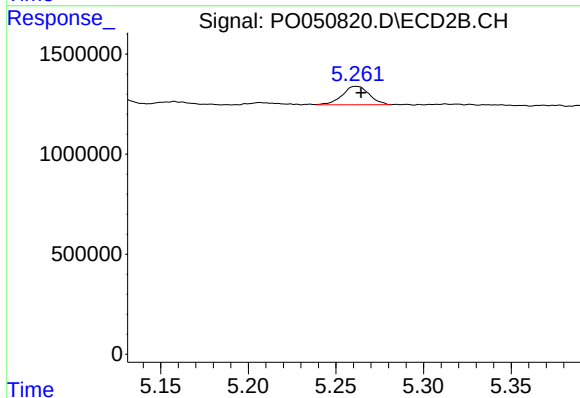
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1067996
Conc: 55.70 ng/ml



#27 AR-1254-2

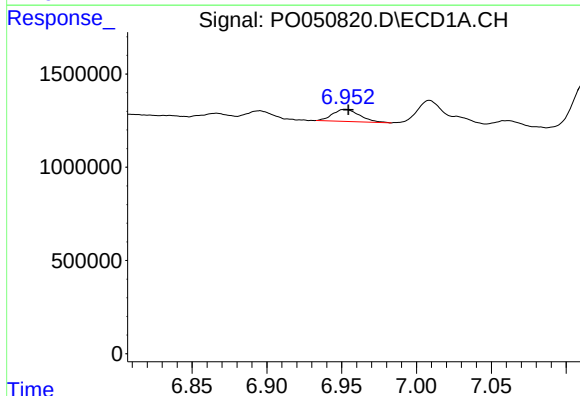
R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 1413037
Conc: 41.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



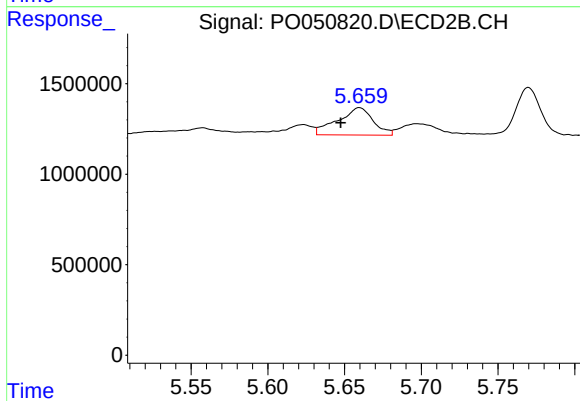
#27 AR-1254-2

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 980003
Conc: 56.45 ng/ml



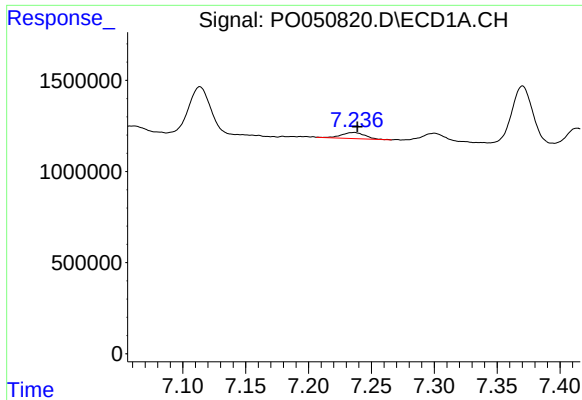
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 827175
Conc: 23.75 ng/ml



#28 AR-1254-3

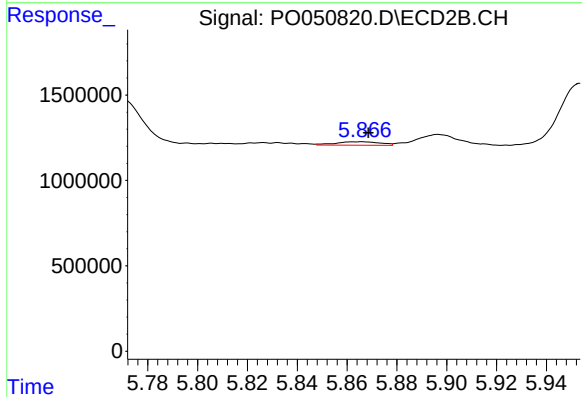
R.T.: 5.660 min
Delta R.T.: 0.012 min
Response: 2423606
Conc: 85.63 ng/ml



#29 AR-1254-4

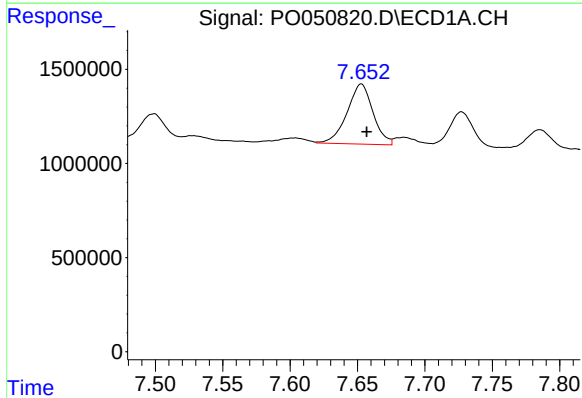
R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 431869
Conc: 18.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



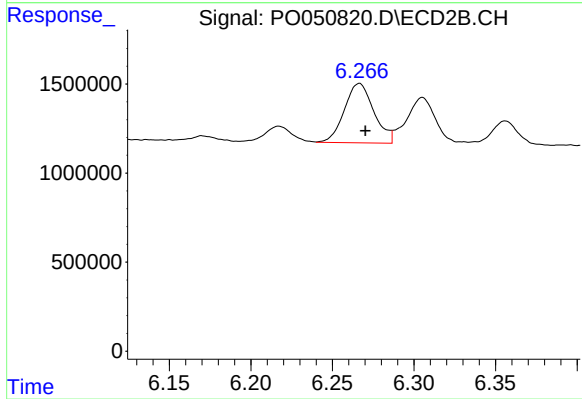
#29 AR-1254-4

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 248394
Conc: 14.05 ng/ml



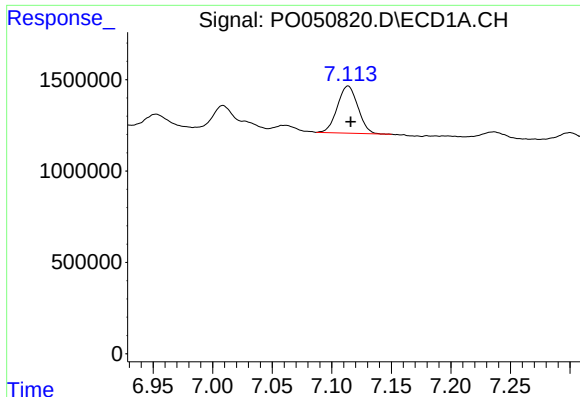
#30 AR-1254-5

R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 4283288
Conc: 174.46 ng/ml



#30 AR-1254-5

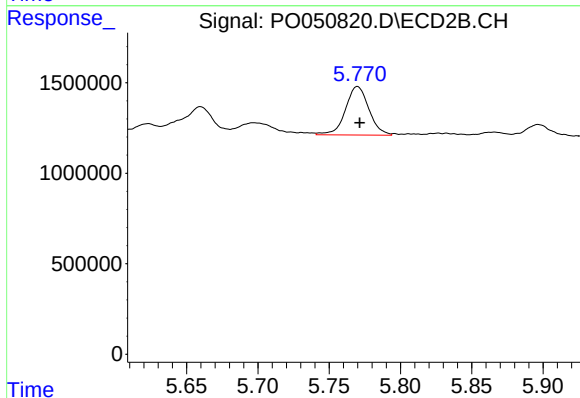
R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 4206755
Conc: 157.34 ng/ml



#31 AR-1260-1

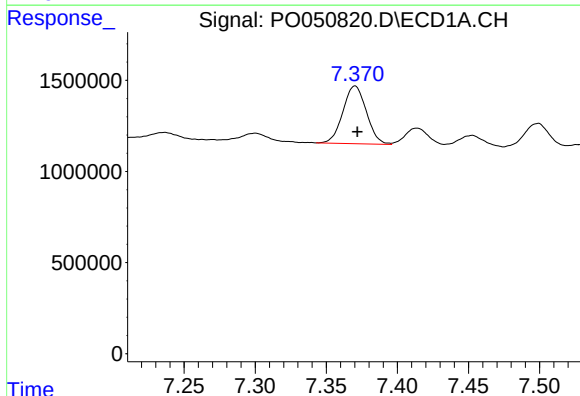
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 3080529
Conc: 119.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



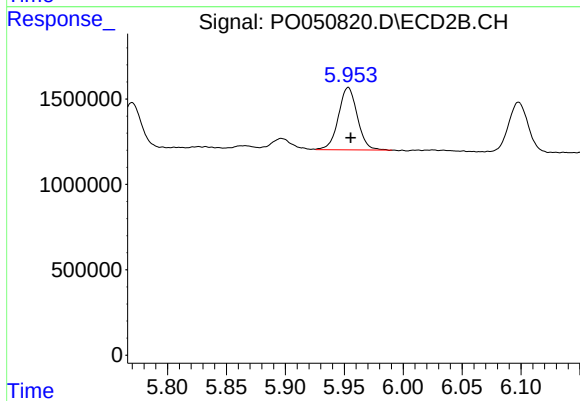
#31 AR-1260-1

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 3065951
Conc: 148.29 ng/ml



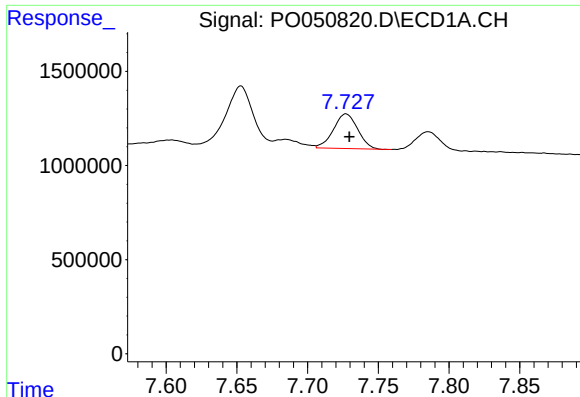
#32 AR-1260-2

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 3633863
Conc: 122.84 ng/ml



#32 AR-1260-2

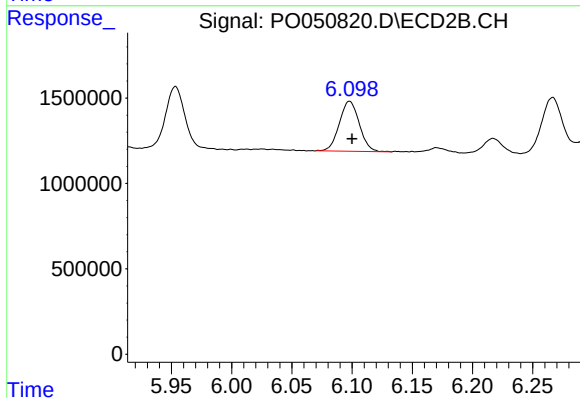
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 4080578
Conc: 142.10 ng/ml



#33 AR-1260-3

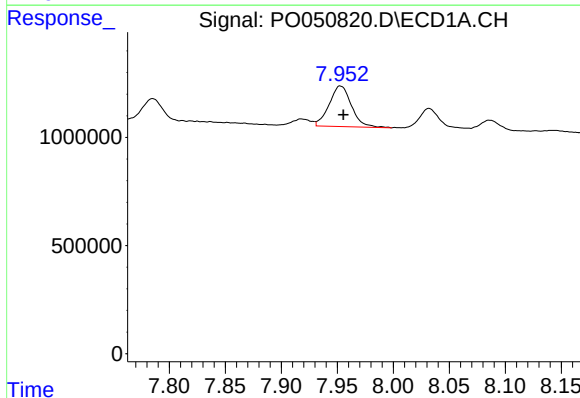
R.T.: 7.727 min
Delta R.T.: -0.002 min
Response: 2190790
Conc: 103.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



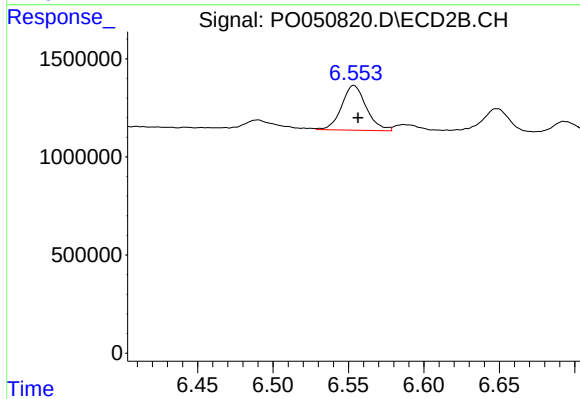
#33 AR-1260-3

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 3370430
Conc: 136.67 ng/ml



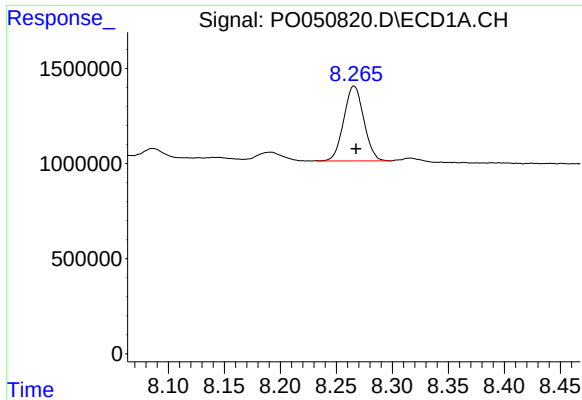
#34 AR-1260-4

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 2590781
Conc: 113.22 ng/ml



#34 AR-1260-4

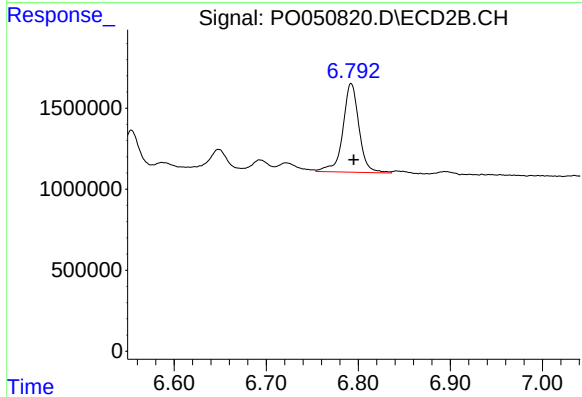
R.T.: 6.554 min
Delta R.T.: -0.003 min
Response: 2610501
Conc: 126.57 ng/ml



#35 AR-1260-5

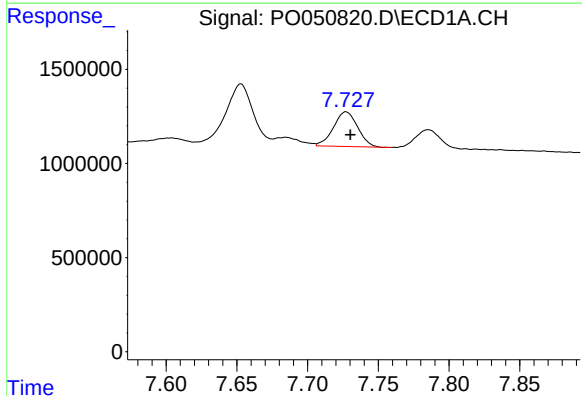
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 4909672
Conc: 111.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



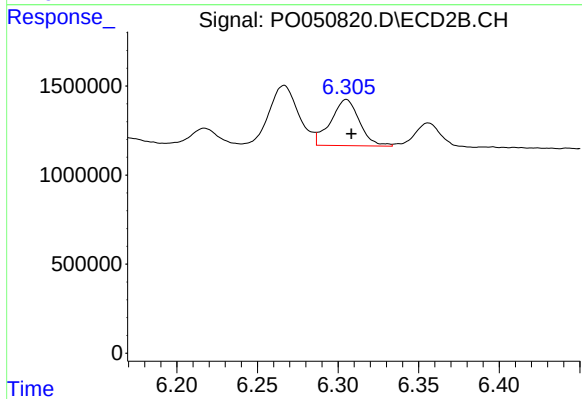
#35 AR-1260-5

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 6658514
Conc: 128.14 ng/ml



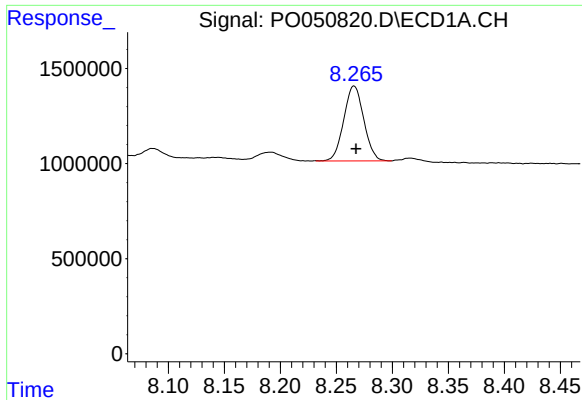
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: -0.003 min
Response: 2190790
Conc: 88.80 ng/ml



#36 AR-1262-1

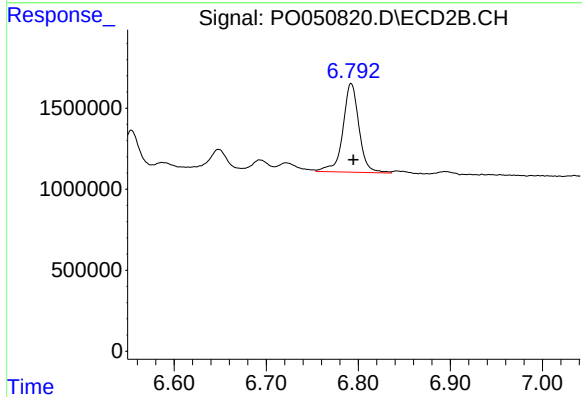
R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 3224656
Conc: 114.59 ng/ml



#37 AR-1262-2

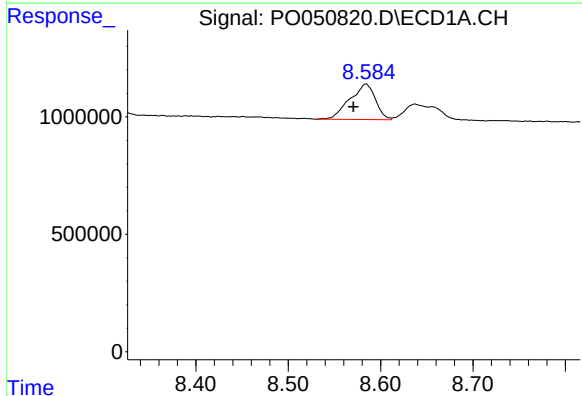
R.T.: 8.266 min
Delta R.T.: -0.002 min
Response: 4909672
Conc: 125.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



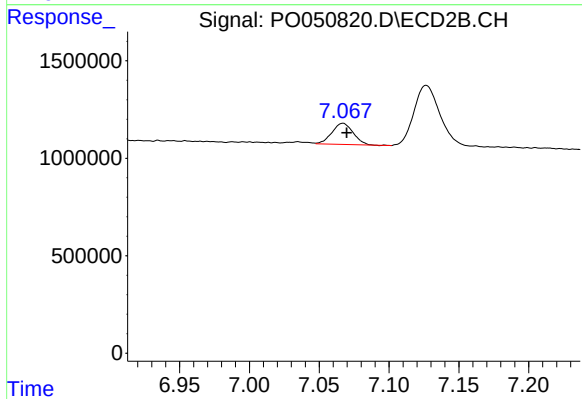
#37 AR-1262-2

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 6658514
Conc: 148.22 ng/ml



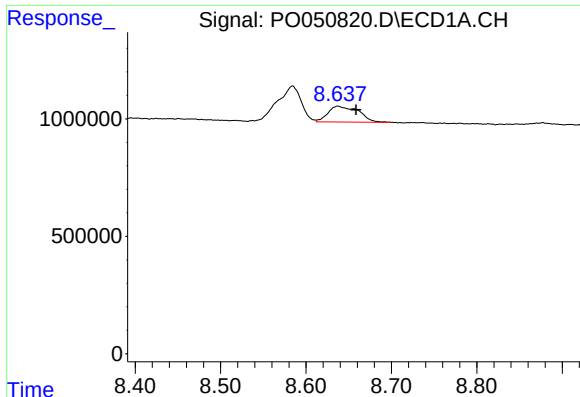
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.013 min
Response: 2909954
Conc: 115.18 ng/ml



#38 AR-1262-3

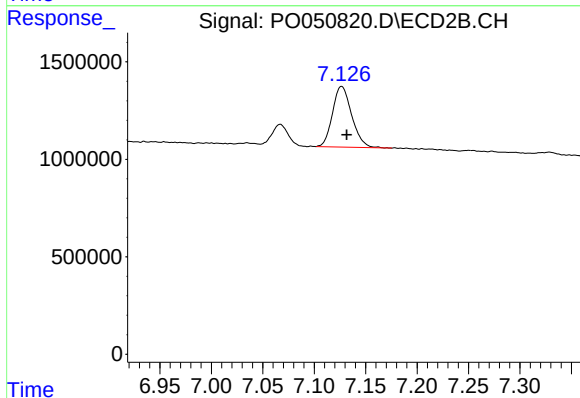
R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 1152825
Conc: 64.21 ng/ml



#39 AR-1262-4

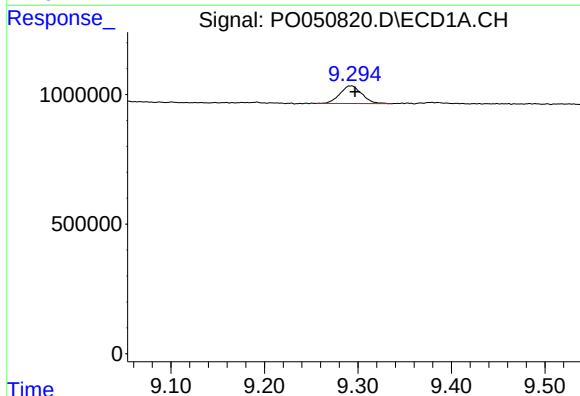
R.T.: 8.637 min
Delta R.T.: -0.021 min
Response: 1671777
Conc: 85.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



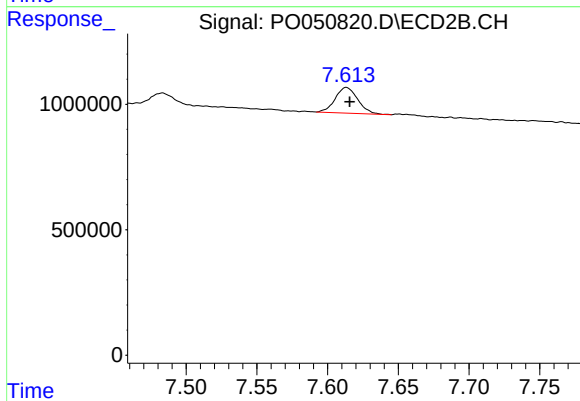
#39 AR-1262-4

R.T.: 7.127 min
Delta R.T.: -0.005 min
Response: 4044274
Conc: 137.47 ng/ml



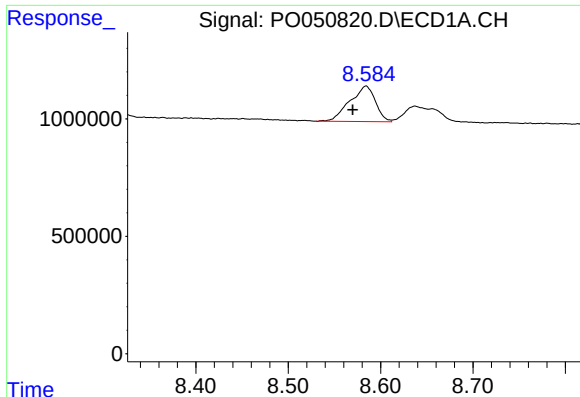
#40 AR-1262-5

R.T.: 9.292 min
Delta R.T.: -0.004 min
Response: 1103257
Conc: 91.53 ng/ml



#40 AR-1262-5

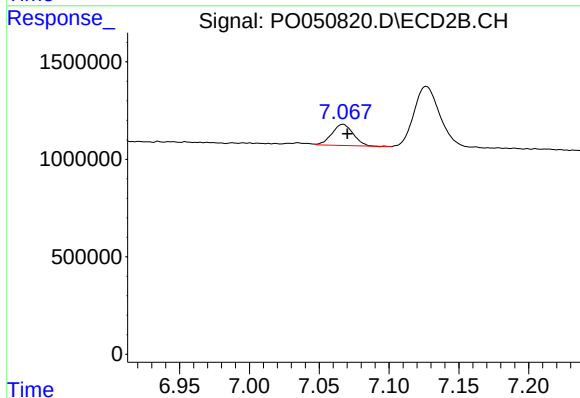
R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 1119629
Conc: 96.48 ng/ml



#41 AR-1268-1

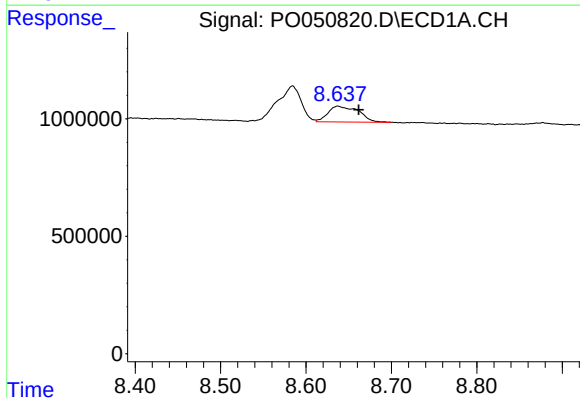
R.T.: 8.584 min
Delta R.T.: 0.014 min
Response: 2909954
Conc: 57.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



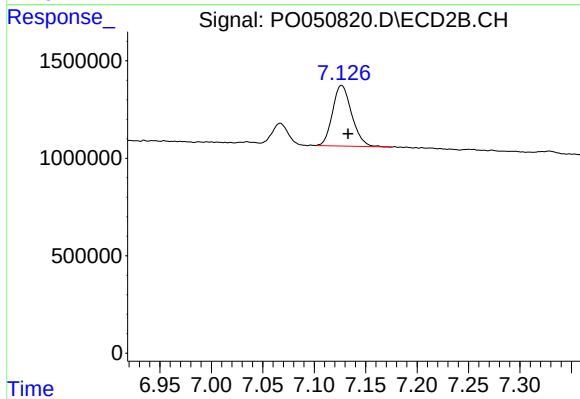
#41 AR-1268-1

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 1152825
Conc: 20.93 ng/ml



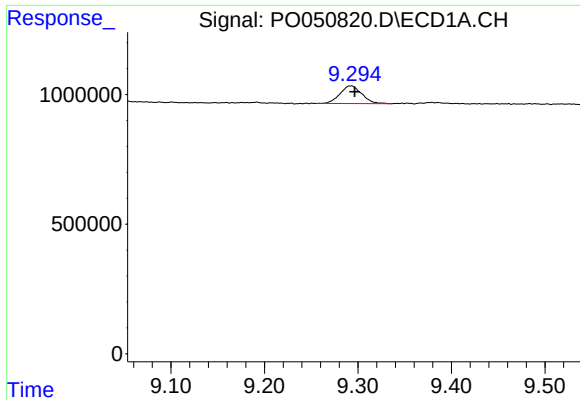
#42 AR-1268-2

R.T.: 8.637 min
Delta R.T.: -0.024 min
Response: 1671777
Conc: 36.75 ng/ml



#42 AR-1268-2

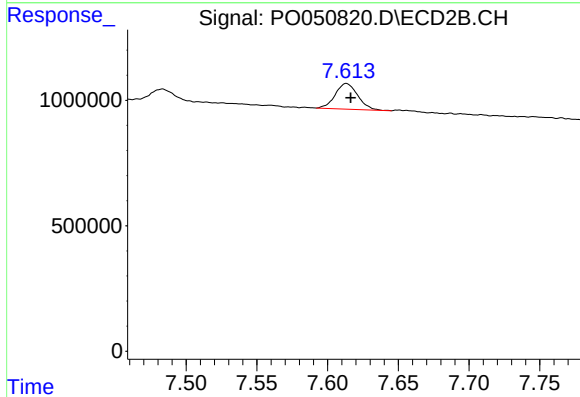
R.T.: 7.127 min
Delta R.T.: -0.006 min
Response: 4044274
Conc: 84.85 ng/ml



#44 AR-1268-4

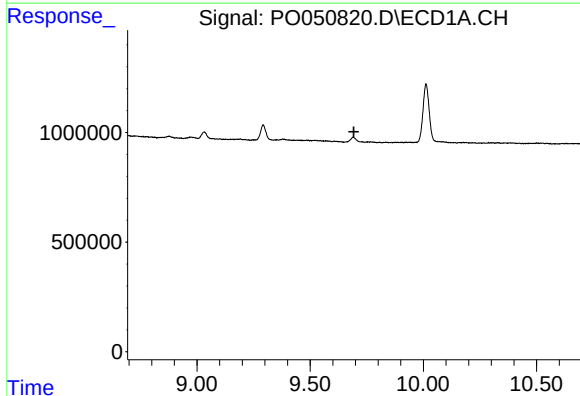
R.T.: 9.292 min
Delta R.T.: -0.004 min
Response: 1103257
Conc: 77.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



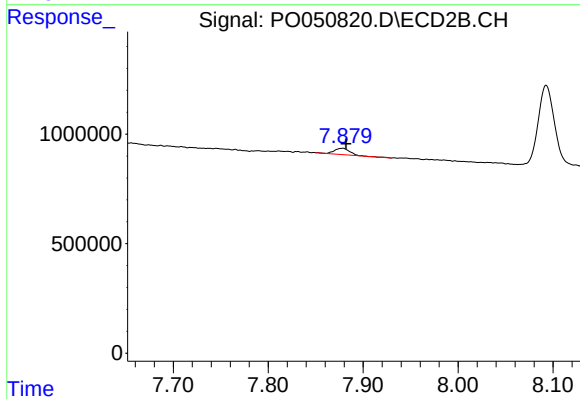
#44 AR-1268-4

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 1119629
Conc: 80.14 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.693 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 7.878 min
Delta R.T.: -0.004 min
Response: 320589
Conc: 3.20 ng/ml