

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110921\
 Data File : PO082663.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Nov 2021 10:43
 Operator : AJ\MA
 Sample : PB140588BSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 13:35:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 2021
 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...	4.965	3.963	1766034	640409	20.177	20.694
2)	SA Decachlor...	11.066	9.275	1371710	684433	21.721	23.771
Target Compounds							
3)	L1 AR-1016-1	6.298	5.220	1178651	558335	406.348	416.158
4)	L1 AR-1016-2	6.321	5.240	1660434	757964	402.313	411.626
5)	L1 AR-1016-3	6.387	5.431	1031450	412150	402.780	413.432
6)	L1 AR-1016-4	6.495	5.484	840459	338886	407.149	415.463
7)	L1 AR-1016-5	6.812	5.712	816786	427644	400.541	419.496
8)	L2 AR-1221-1	5.214	4.219	117712	50657	124.819	132.630
9)	L2 AR-1221-2	5.318	4.320	152704	62885	235.586	216.614
10)	L2 AR-1221-3	5.406	4.408	627662	286552	304.260	309.678
11)	L3 AR-1232-1	5.406	4.408	627662	286552	362.330	362.985
12)	L3 AR-1232-2	6.000	5.240	897659	757964	1015.132	1009.767
13)	L3 AR-1232-3	6.321	5.431	1660434	412150	1051.482	1039.332
14)	L3 AR-1232-4	6.495	5.529	840459	399369	1094.448	1156.453
15)	L3 AR-1232-5	6.594	5.712	678568	427644	1227.566	1140.670
16)	L4 AR-1242-1	6.298	5.220	1178651	558335	567.061	572.129
17)	L4 AR-1242-2	6.321	5.240	1660434	757964	569.216	563.069
18)	L4 AR-1242-3	6.387	5.431	1031450	412150	559.166	565.413
19)	L4 AR-1242-4	6.495	5.529	840459	399369	562.356	559.410
20)	L4 AR-1242-5	7.284	6.094	114530	360033	76.559	389.986 #
21)	L5 AR-1248-1	6.298	5.220	1178651	558335	772.248	757.094
22)	L5 AR-1248-2	6.594	5.484	678568	338886	322.622	332.796
23)	L5 AR-1248-3	6.812	5.529	816786	399369	336.631	383.800
24)	L5 AR-1248-4	7.245	5.712	126131	427644	49.107	348.856 #
25)	L5 AR-1248-5	7.284	6.137	114530	59940	45.408	48.508
26)	L6 AR-1254-1	7.214	6.094	612288	360033	224.740	185.358
27)	L6 AR-1254-2	7.444	6.254	658948	352597	158.188	206.033 #
28)	L6 AR-1254-3	7.830	6.694	342576	634117	80.098	246.650 #
29)	L6 AR-1254-4	8.125	6.915	216580	80638	70.624	44.361 #
30)	L6 AR-1254-5	8.557	7.345	2018123	1225332	627.544	527.179
31)	L7 AR-1260-1	7.997	6.812	1464636	870014	461.232	479.603
32)	L7 AR-1260-2	8.264	7.011	1677650	1152483	446.308	481.575
33)	L7 AR-1260-3	8.632	7.165	1079987	981528	381.341	461.548
34)	L7 AR-1260-4	8.864	7.650	1335173	733734	400.541	439.902
35)	L7 AR-1260-5	9.197	7.900	2483322	1853663	395.760	445.169
36)	L8 AR-1262-1	8.632	7.345	1079987	1225332	291.067	1025.270 #
37)	L8 AR-1262-2	9.197	7.900	2483322	1853663	388.808	454.212
38)	L8 AR-1262-3	9.537f	8.187	1622068	366744	565.657	224.897 #
39)	L8 AR-1262-4	9.591f	8.249	883031	1235340	523.229	424.225
40)	L8 AR-1262-5	10.295	8.750	623432	384073	256.693	280.328
41)	L9 AR-1268-1	9.537	8.187	1622068	366744	198.708	70.123 #

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 ALS Vial : 47 Sample Multiplier: 1

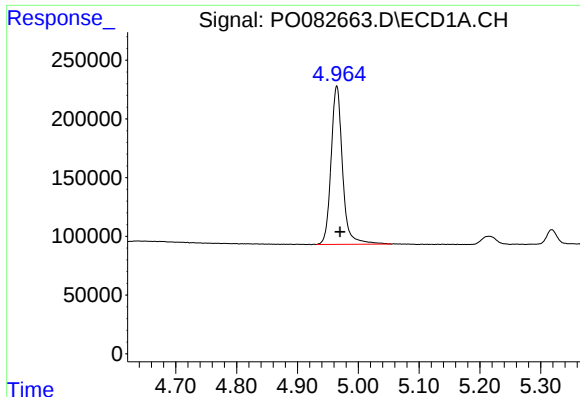
Instrument :
 ECD_O
 ClientSampleId :

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	0.000	8.249	0	1235340	N.D.	272.239 #
43) L9	AR-1268-3	9.844	8.460	55334	30225	8.433	7.776
44) L9	AR-1268-4	10.295	8.750	623432	384073	221.644	241.738
45) L9	AR-1268-5	10.720	9.031	211129	117371	9.543	10.734

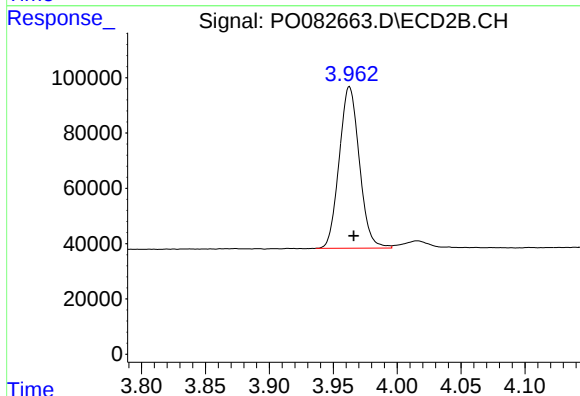
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

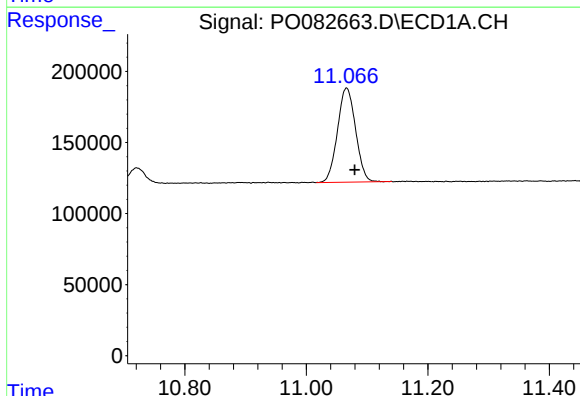
R.T.: 4.965 min
Delta R.T.: -0.005 min
Response: 1766034
Conc: 20.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



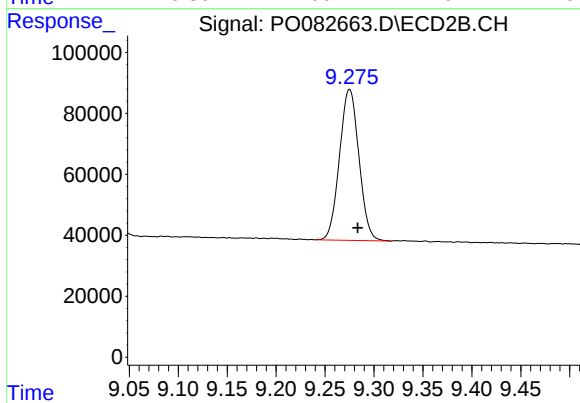
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 640409
Conc: 20.69 ng/ml



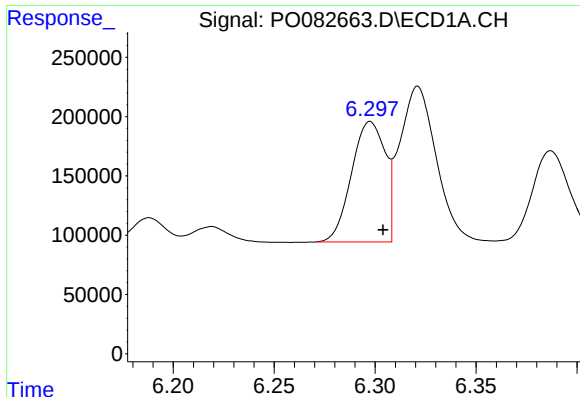
#2 Decachlorobiphenyl

R.T.: 11.066 min
Delta R.T.: -0.014 min
Response: 1371710
Conc: 21.72 ng/ml



#2 Decachlorobiphenyl

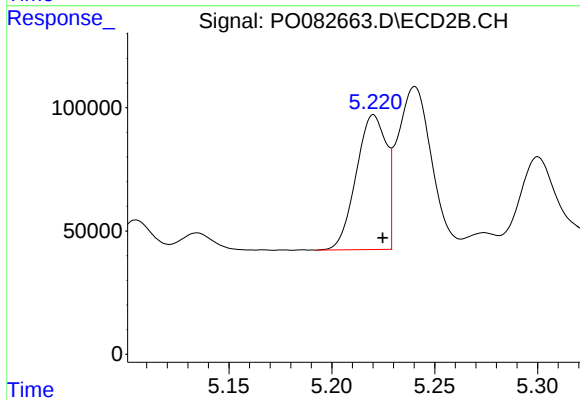
R.T.: 9.275 min
Delta R.T.: -0.008 min
Response: 684433
Conc: 23.77 ng/ml



#3 AR-1016-1

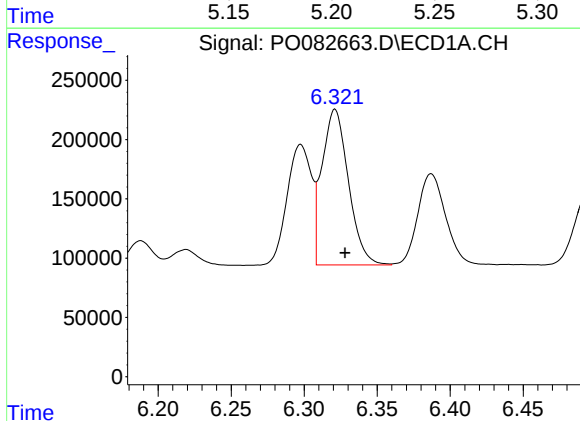
R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 1178651
Conc: 406.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



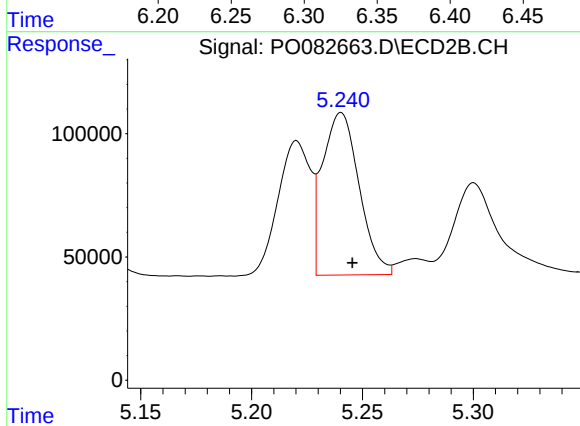
#3 AR-1016-1

R.T.: 5.220 min
Delta R.T.: -0.004 min
Response: 558335
Conc: 416.16 ng/ml



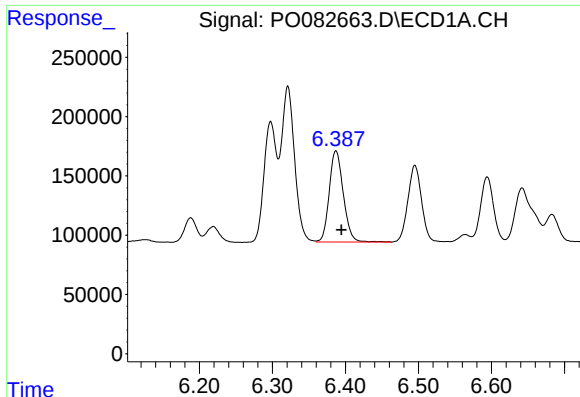
#4 AR-1016-2

R.T.: 6.321 min
Delta R.T.: -0.007 min
Response: 1660434
Conc: 402.31 ng/ml



#4 AR-1016-2

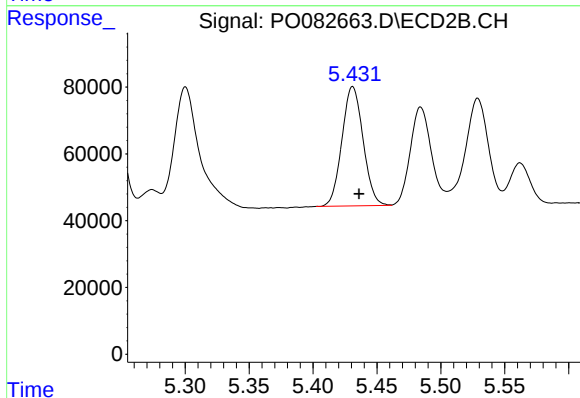
R.T.: 5.240 min
Delta R.T.: -0.005 min
Response: 757964
Conc: 411.63 ng/ml



#5 AR-1016-3

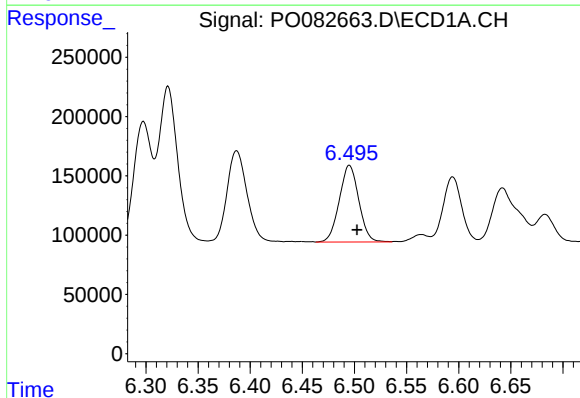
R.T.: 6.387 min
Delta R.T.: -0.008 min
Response: 1031450
Conc: 402.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



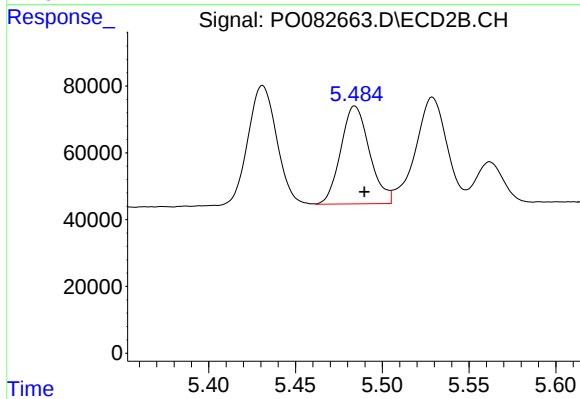
#5 AR-1016-3

R.T.: 5.431 min
Delta R.T.: -0.005 min
Response: 412150
Conc: 413.43 ng/ml



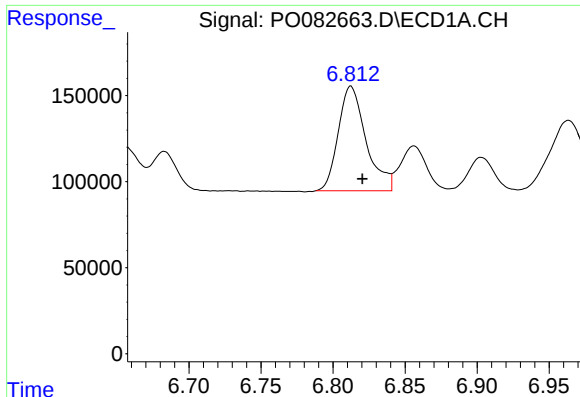
#6 AR-1016-4

R.T.: 6.495 min
Delta R.T.: -0.007 min
Response: 840459
Conc: 407.15 ng/ml



#6 AR-1016-4

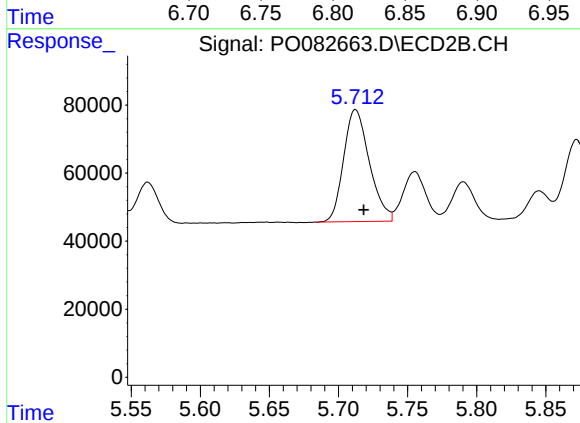
R.T.: 5.484 min
Delta R.T.: -0.005 min
Response: 338886
Conc: 415.46 ng/ml



#7 AR-1016-5

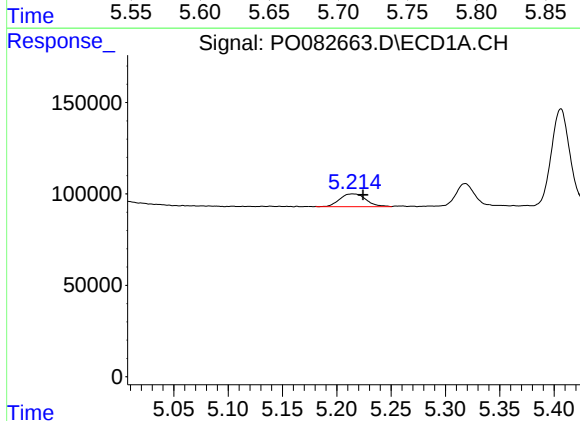
R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 816786
Conc: 400.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



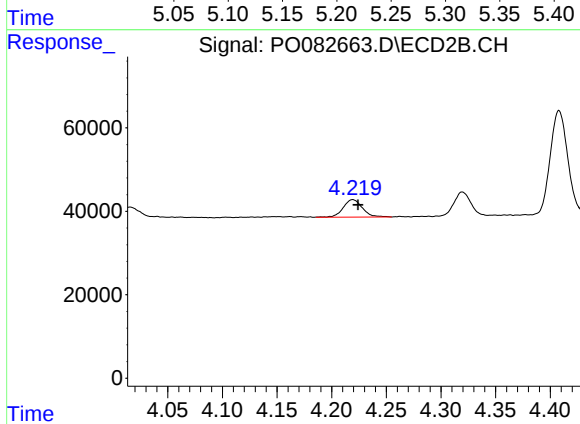
#7 AR-1016-5

R.T.: 5.712 min
Delta R.T.: -0.006 min
Response: 427644
Conc: 419.50 ng/ml



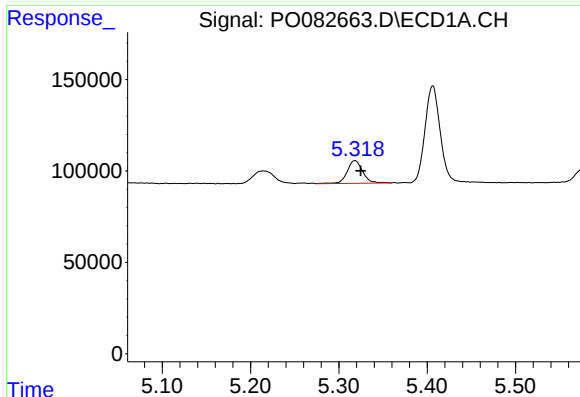
#8 AR-1221-1

R.T.: 5.214 min
Delta R.T.: -0.010 min
Response: 117712
Conc: 124.82 ng/ml



#8 AR-1221-1

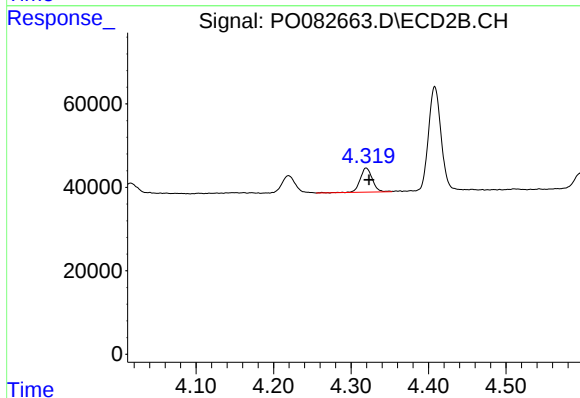
R.T.: 4.219 min
Delta R.T.: -0.005 min
Response: 50657
Conc: 132.63 ng/ml



#9 AR-1221-2

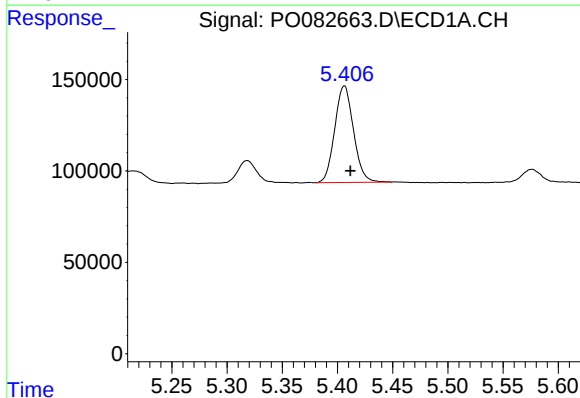
R.T.: 5.318 min
Delta R.T.: -0.007 min
Response: 152704
Conc: 235.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



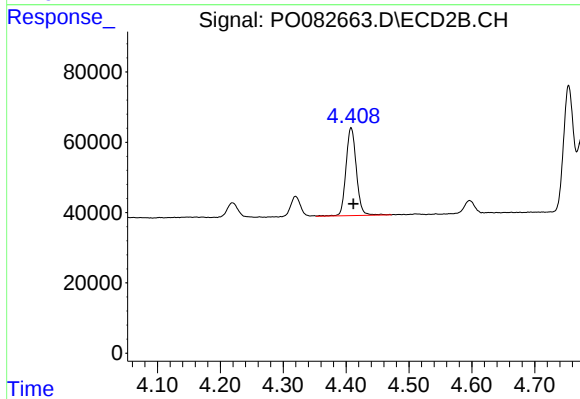
#9 AR-1221-2

R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 62885
Conc: 216.61 ng/ml



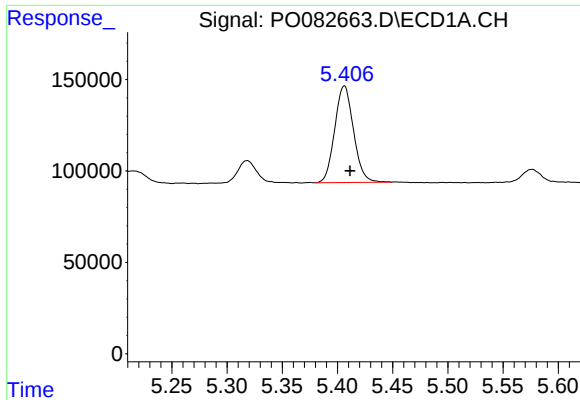
#10 AR-1221-3

R.T.: 5.406 min
Delta R.T.: -0.005 min
Response: 627662
Conc: 304.26 ng/ml



#10 AR-1221-3

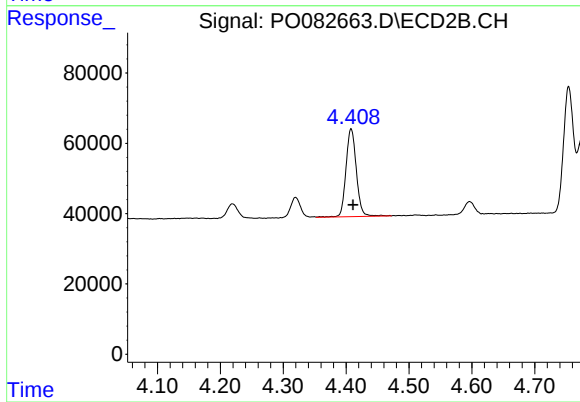
R.T.: 4.408 min
Delta R.T.: -0.004 min
Response: 286552
Conc: 309.68 ng/ml



#11 AR-1232-1

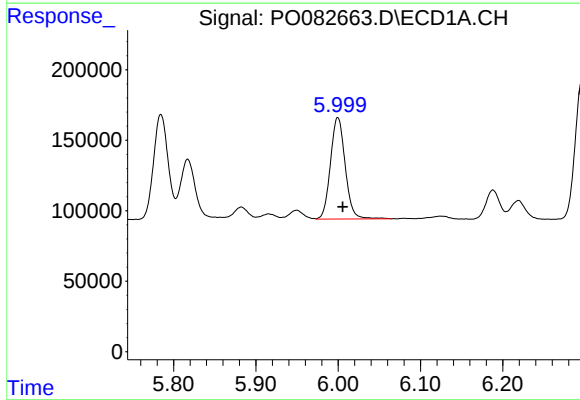
R.T.: 5.406 min
Delta R.T.: -0.005 min
Response: 627662
Conc: 362.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



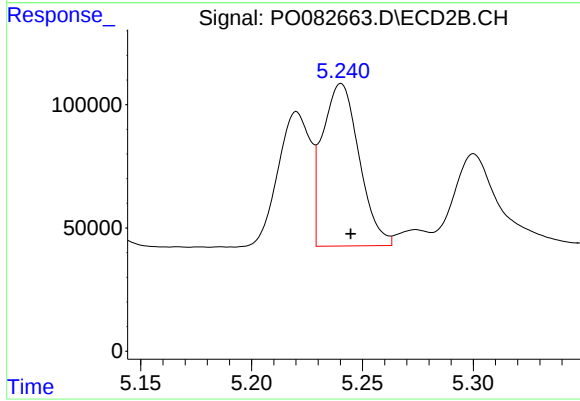
#11 AR-1232-1

R.T.: 4.408 min
Delta R.T.: -0.003 min
Response: 286552
Conc: 362.99 ng/ml



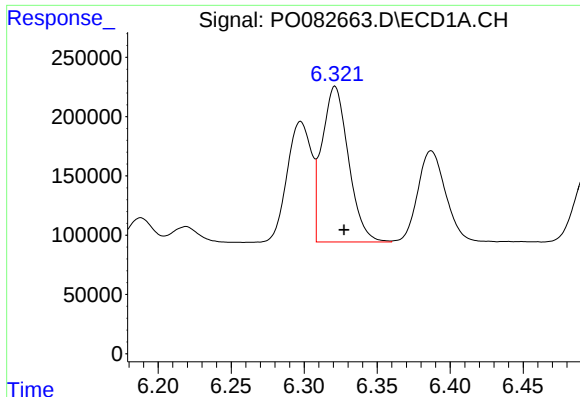
#12 AR-1232-2

R.T.: 6.000 min
Delta R.T.: -0.006 min
Response: 897659
Conc: 1015.13 ng/ml



#12 AR-1232-2

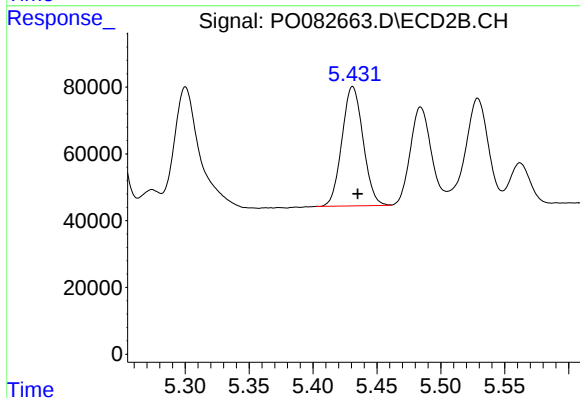
R.T.: 5.240 min
Delta R.T.: -0.004 min
Response: 757964
Conc: 1009.77 ng/ml



#13 AR-1232-3

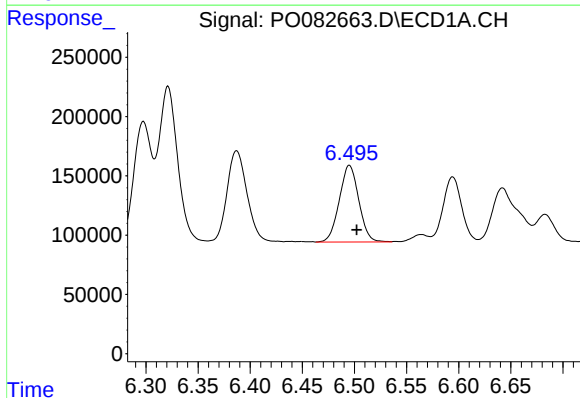
R.T.: 6.321 min
Delta R.T.: -0.006 min
Response: 1660434
Conc: 1051.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



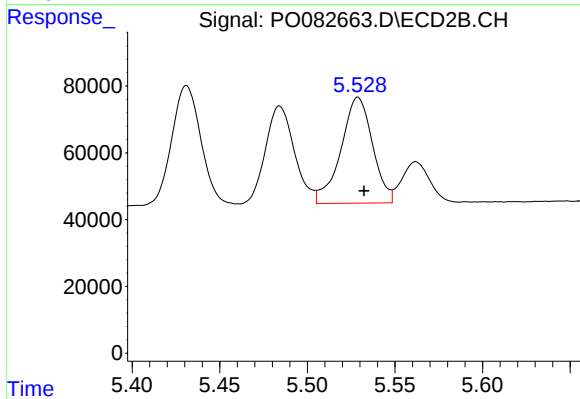
#13 AR-1232-3

R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 412150
Conc: 1039.33 ng/ml



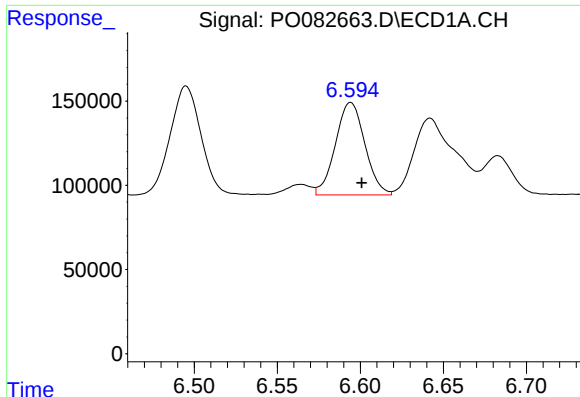
#14 AR-1232-4

R.T.: 6.495 min
Delta R.T.: -0.007 min
Response: 840459
Conc: 1094.45 ng/ml



#14 AR-1232-4

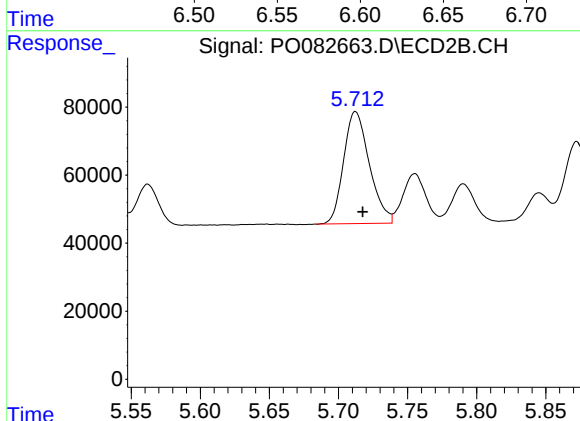
R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 399369
Conc: 1156.45 ng/ml



#15 AR-1232-5

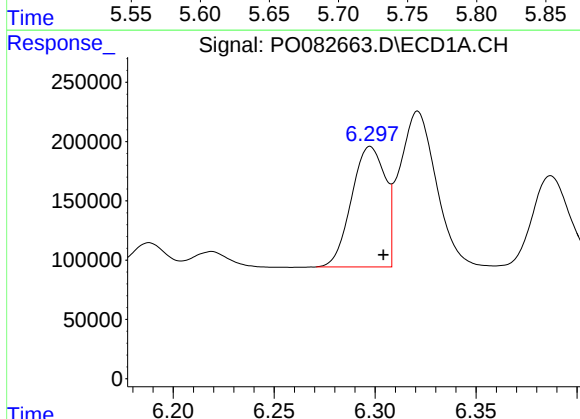
R.T.: 6.594 min
Delta R.T.: -0.007 min
Response: 678568
Conc: 1227.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



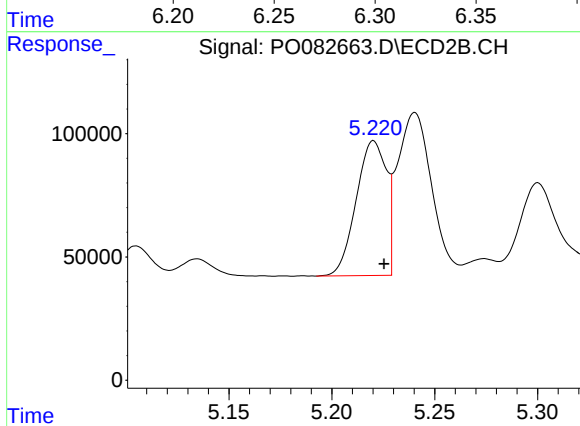
#15 AR-1232-5

R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 427644
Conc: 1140.67 ng/ml



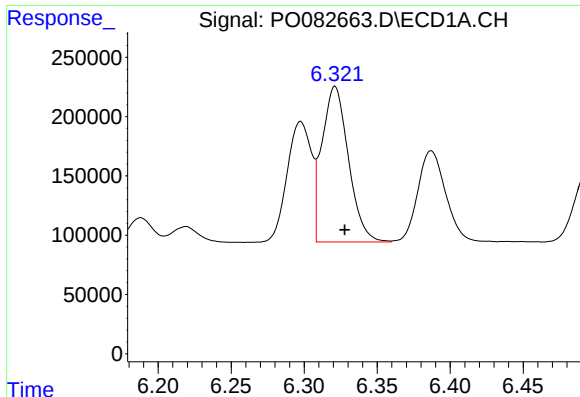
#16 AR-1242-1

R.T.: 6.298 min
Delta R.T.: -0.007 min
Response: 1178651
Conc: 567.06 ng/ml



#16 AR-1242-1

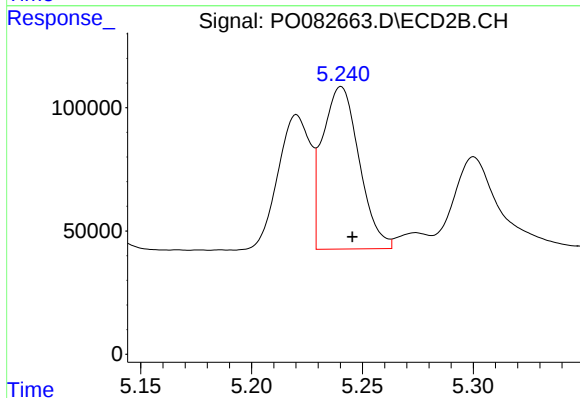
R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 558335
Conc: 572.13 ng/ml



#17 AR-1242-2

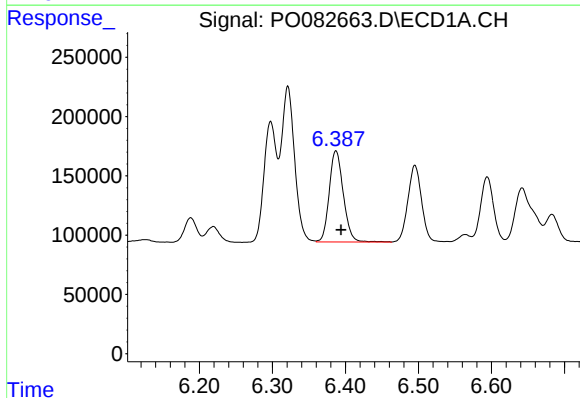
R.T.: 6.321 min
Delta R.T.: -0.007 min
Response: 1660434
Conc: 569.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



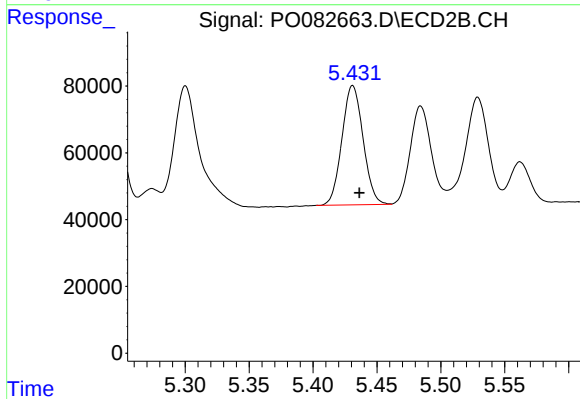
#17 AR-1242-2

R.T.: 5.240 min
Delta R.T.: -0.005 min
Response: 757964
Conc: 563.07 ng/ml



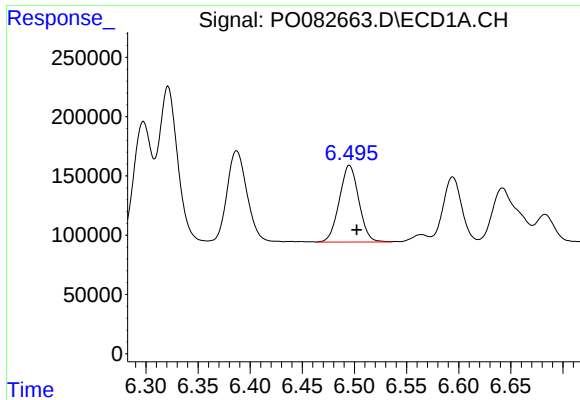
#18 AR-1242-3

R.T.: 6.387 min
Delta R.T.: -0.007 min
Response: 1031450
Conc: 559.17 ng/ml



#18 AR-1242-3

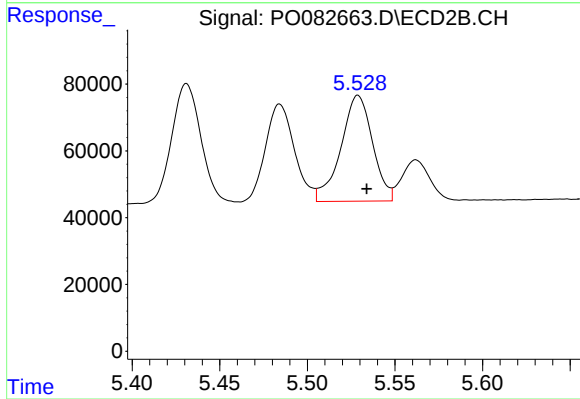
R.T.: 5.431 min
Delta R.T.: -0.005 min
Response: 412150
Conc: 565.41 ng/ml



#19 AR-1242-4

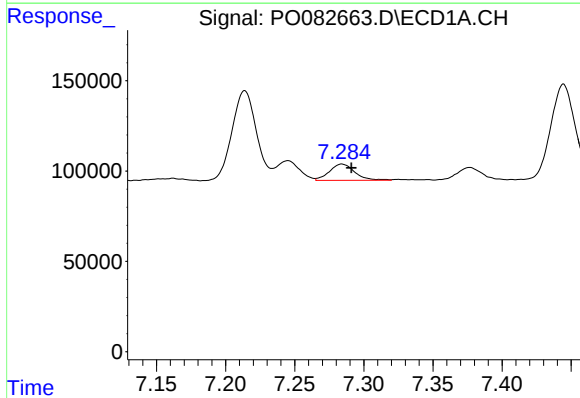
R.T.: 6.495 min
Delta R.T.: -0.007 min
Response: 840459
Conc: 562.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



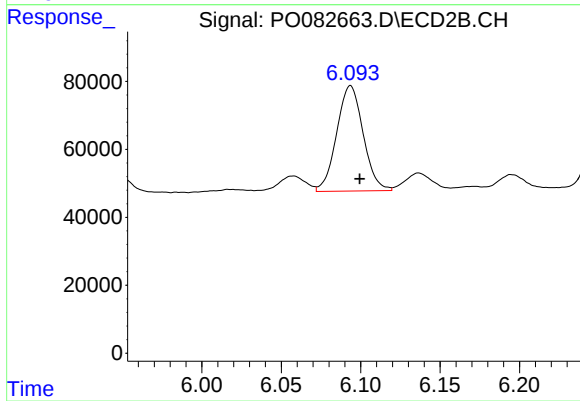
#19 AR-1242-4

R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 399369
Conc: 559.41 ng/ml



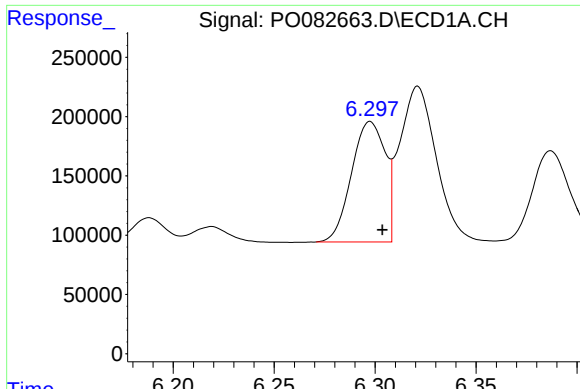
#20 AR-1242-5

R.T.: 7.284 min
Delta R.T.: -0.007 min
Response: 114530
Conc: 76.56 ng/ml



#20 AR-1242-5

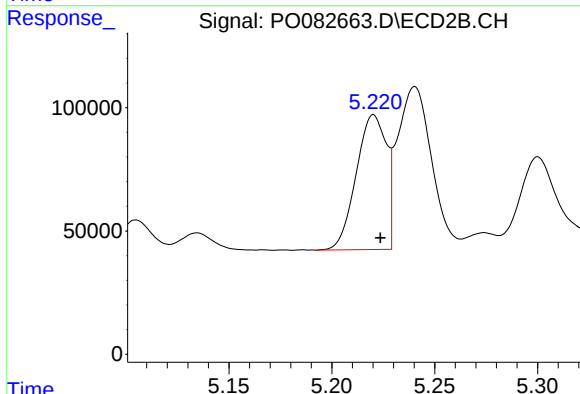
R.T.: 6.094 min
Delta R.T.: -0.006 min
Response: 360033
Conc: 389.99 ng/ml



#21 AR-1248-1

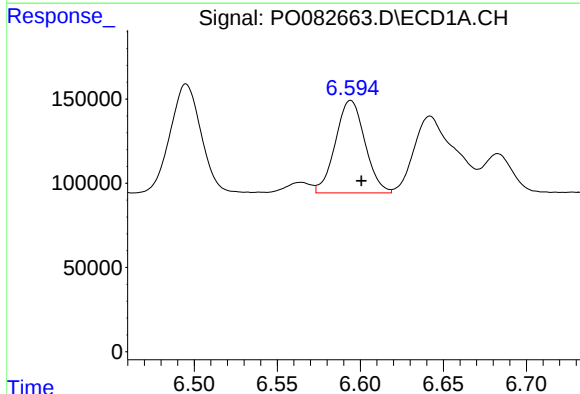
R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 1178651
Conc: 772.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



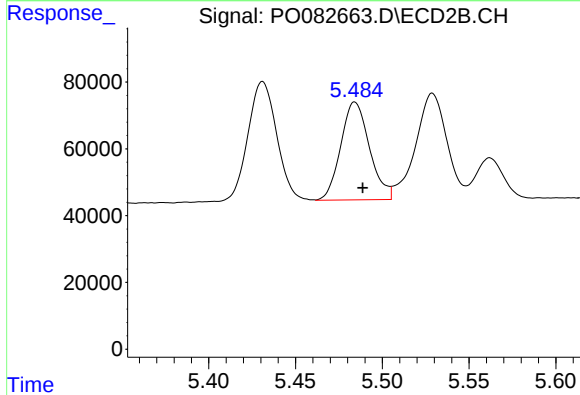
#21 AR-1248-1

R.T.: 5.220 min
Delta R.T.: -0.003 min
Response: 558335
Conc: 757.09 ng/ml



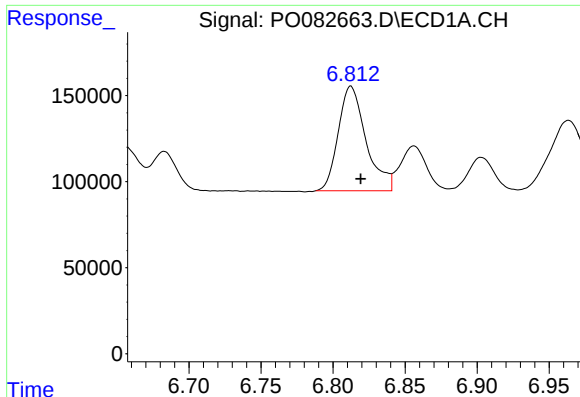
#22 AR-1248-2

R.T.: 6.594 min
Delta R.T.: -0.006 min
Response: 678568
Conc: 322.62 ng/ml



#22 AR-1248-2

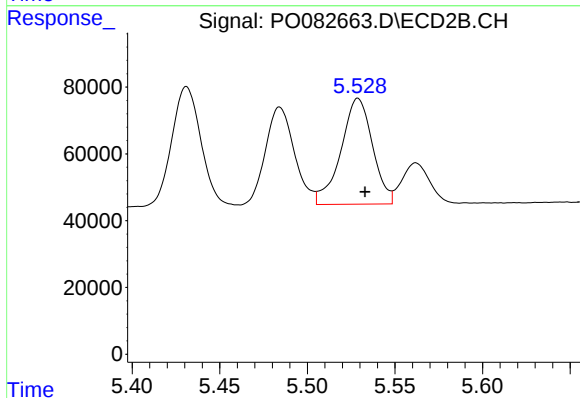
R.T.: 5.484 min
Delta R.T.: -0.005 min
Response: 338886
Conc: 332.80 ng/ml



#23 AR-1248-3

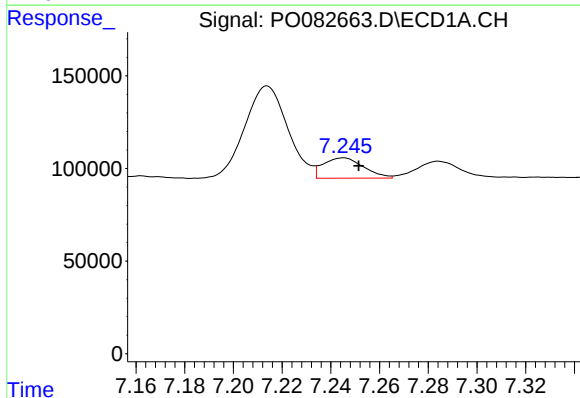
R.T.: 6.812 min
Delta R.T.: -0.007 min
Response: 816786
Conc: 336.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



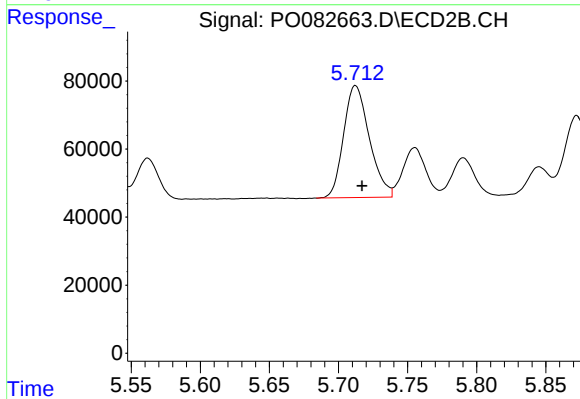
#23 AR-1248-3

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 399369
Conc: 383.80 ng/ml



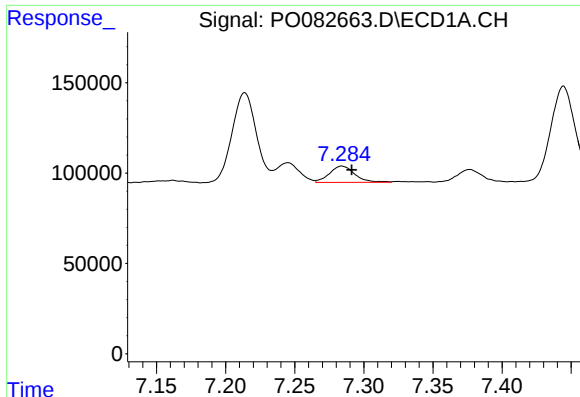
#24 AR-1248-4

R.T.: 7.245 min
Delta R.T.: -0.006 min
Response: 126131
Conc: 49.11 ng/ml



#24 AR-1248-4

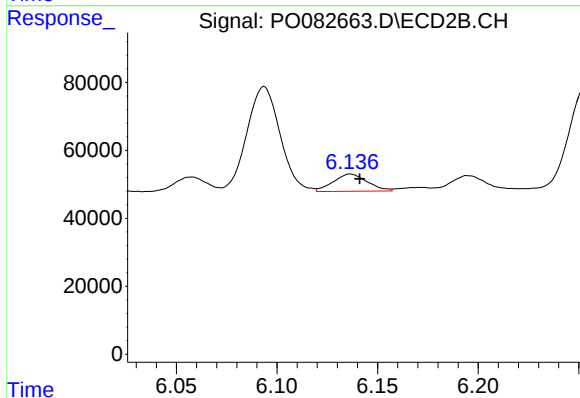
R.T.: 5.712 min
Delta R.T.: -0.005 min
Response: 427644
Conc: 348.86 ng/ml



#25 AR-1248-5

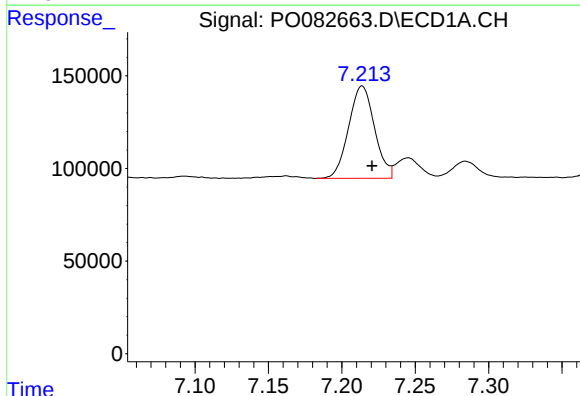
R.T.: 7.284 min
Delta R.T.: -0.007 min
Response: 114530
Conc: 45.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



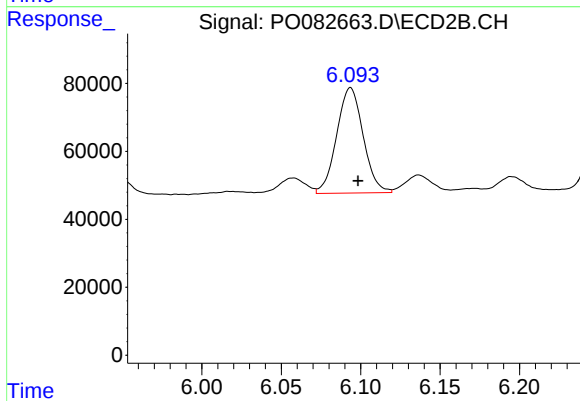
#25 AR-1248-5

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 59940
Conc: 48.51 ng/ml



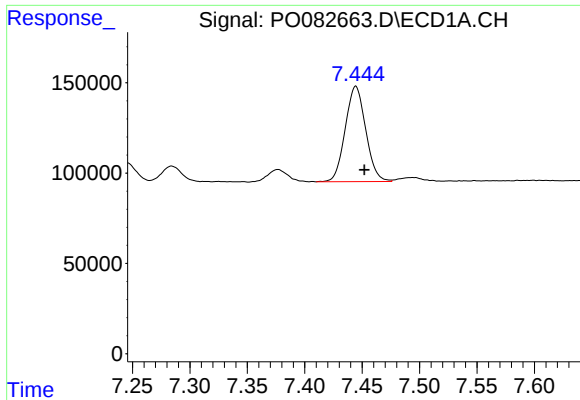
#26 AR-1254-1

R.T.: 7.214 min
Delta R.T.: -0.007 min
Response: 612288
Conc: 224.74 ng/ml



#26 AR-1254-1

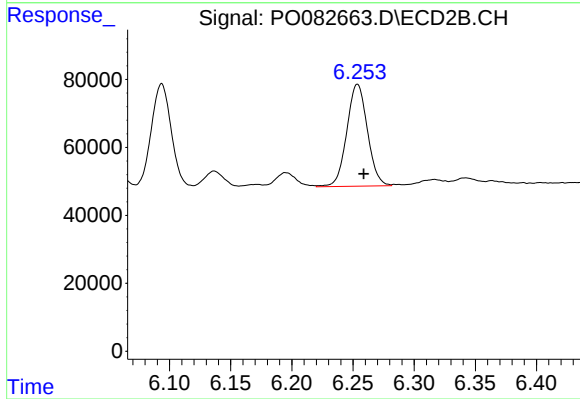
R.T.: 6.094 min
Delta R.T.: -0.005 min
Response: 360033
Conc: 185.36 ng/ml



#27 AR-1254-2

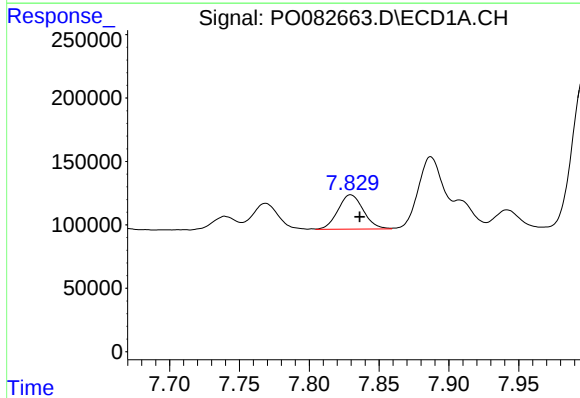
R.T.: 7.444 min
Delta R.T.: -0.008 min
Response: 658948
Conc: 158.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



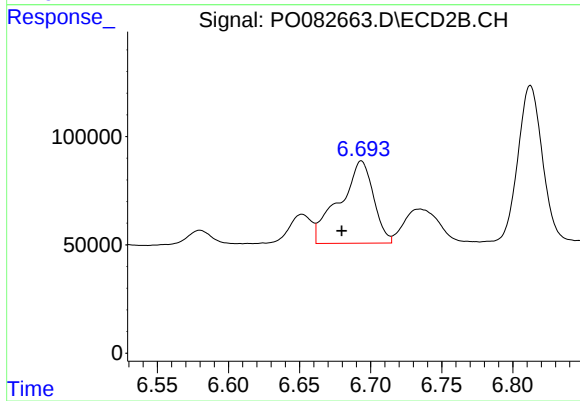
#27 AR-1254-2

R.T.: 6.254 min
Delta R.T.: -0.005 min
Response: 352597
Conc: 206.03 ng/ml



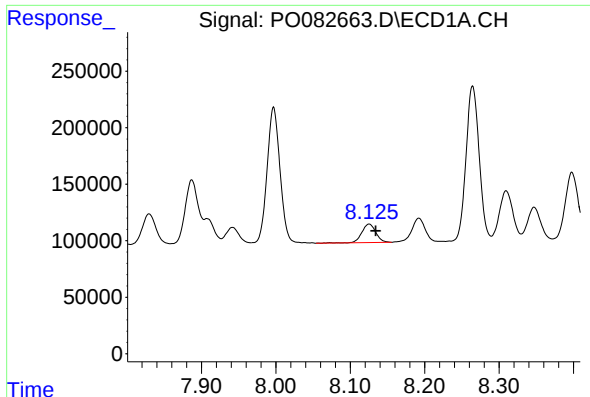
#28 AR-1254-3

R.T.: 7.830 min
Delta R.T.: -0.006 min
Response: 342576
Conc: 80.10 ng/ml



#28 AR-1254-3

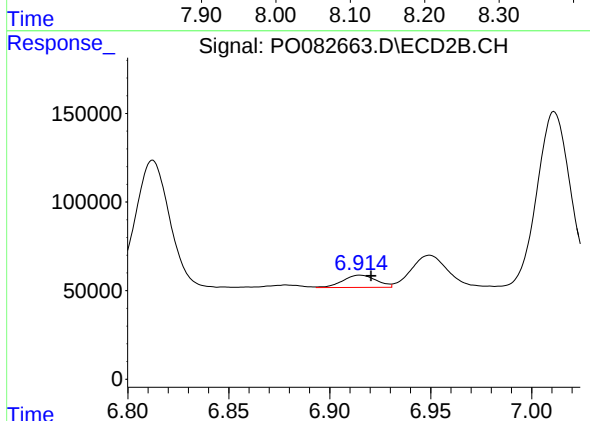
R.T.: 6.694 min
Delta R.T.: 0.014 min
Response: 634117
Conc: 246.65 ng/ml



#29 AR-1254-4

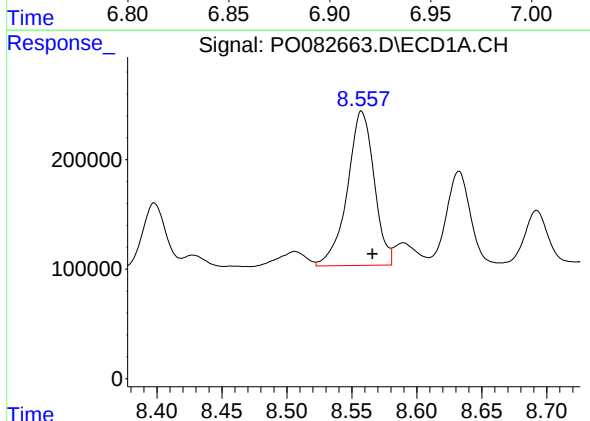
R.T.: 8.125 min
Delta R.T.: -0.009 min
Response: 216580
Conc: 70.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



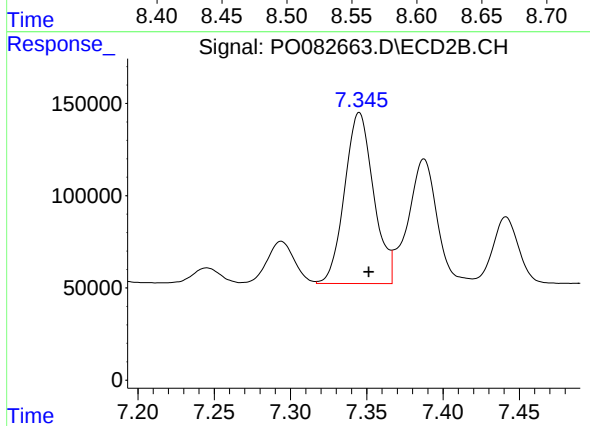
#29 AR-1254-4

R.T.: 6.915 min
Delta R.T.: -0.005 min
Response: 80638
Conc: 44.36 ng/ml



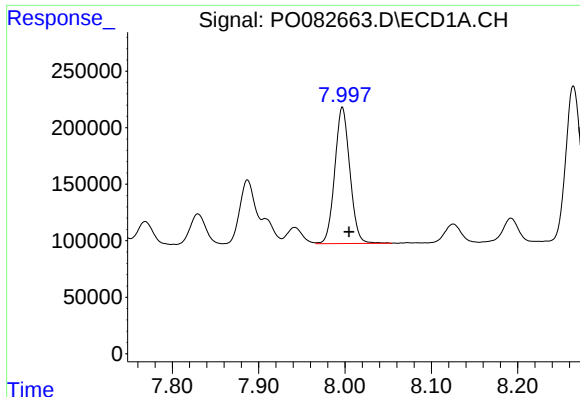
#30 AR-1254-5

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 2018123
Conc: 627.54 ng/ml



#30 AR-1254-5

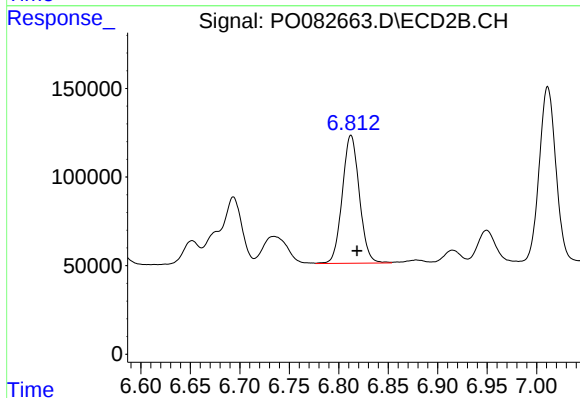
R.T.: 7.345 min
Delta R.T.: -0.006 min
Response: 1225332
Conc: 527.18 ng/ml



#31 AR-1260-1

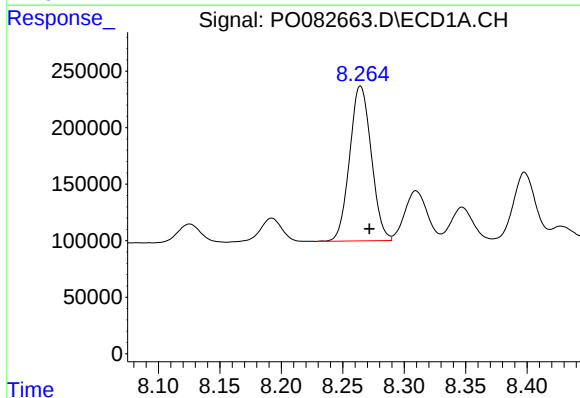
R.T.: 7.997 min
Delta R.T.: -0.008 min
Response: 1464636
Conc: 461.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



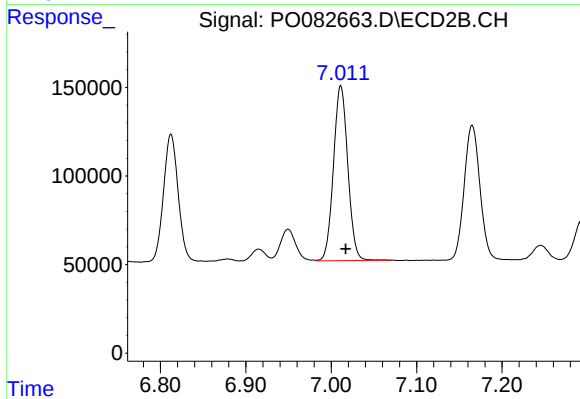
#31 AR-1260-1

R.T.: 6.812 min
Delta R.T.: -0.006 min
Response: 870014
Conc: 479.60 ng/ml



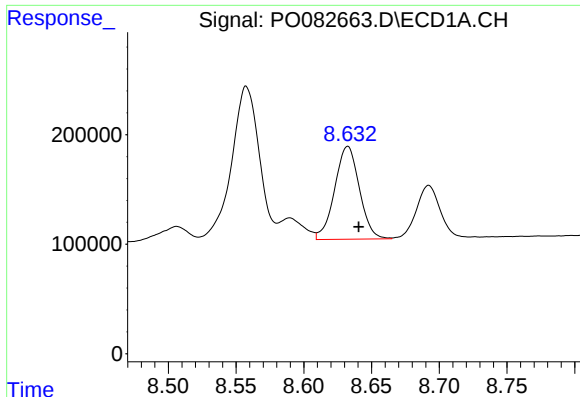
#32 AR-1260-2

R.T.: 8.264 min
Delta R.T.: -0.007 min
Response: 1677650
Conc: 446.31 ng/ml



#32 AR-1260-2

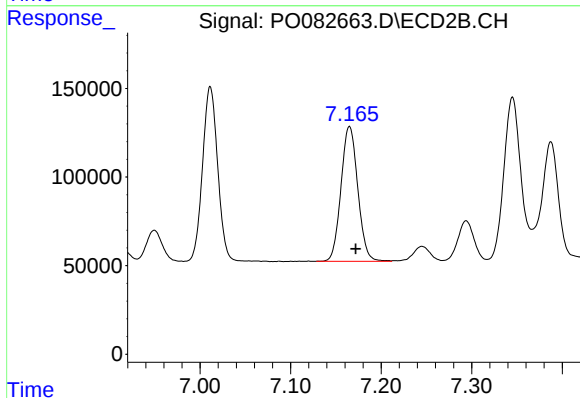
R.T.: 7.011 min
Delta R.T.: -0.006 min
Response: 1152483
Conc: 481.58 ng/ml



#33 AR-1260-3

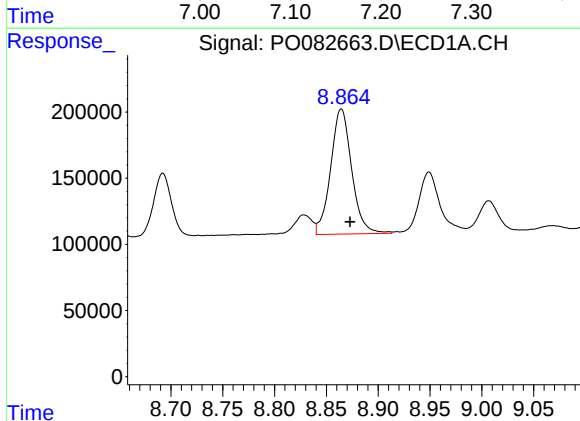
R.T.: 8.632 min
Delta R.T.: -0.008 min
Response: 1079987
Conc: 381.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



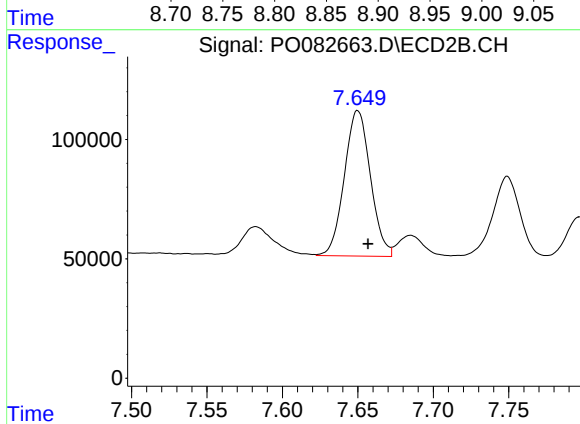
#33 AR-1260-3

R.T.: 7.165 min
Delta R.T.: -0.007 min
Response: 981528
Conc: 461.55 ng/ml



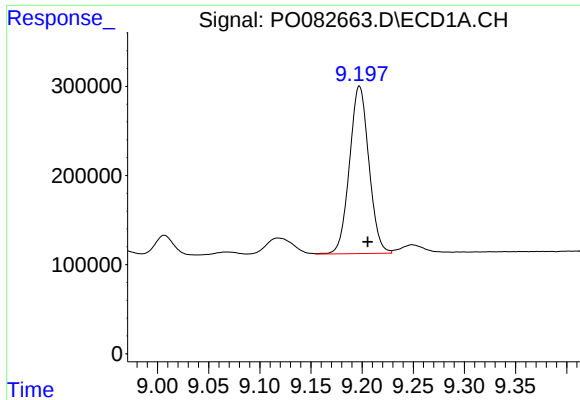
#34 AR-1260-4

R.T.: 8.864 min
Delta R.T.: -0.008 min
Response: 1335173
Conc: 400.54 ng/ml



#34 AR-1260-4

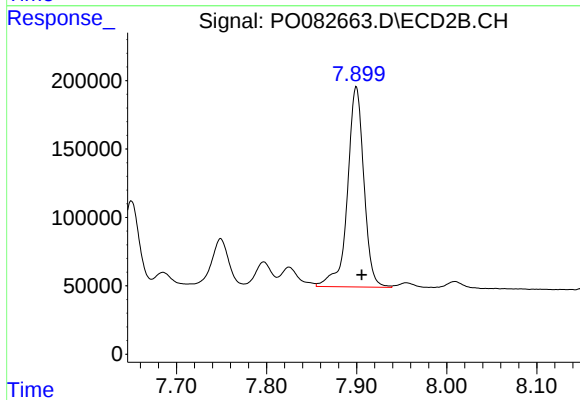
R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 733734
Conc: 439.90 ng/ml



#35 AR-1260-5

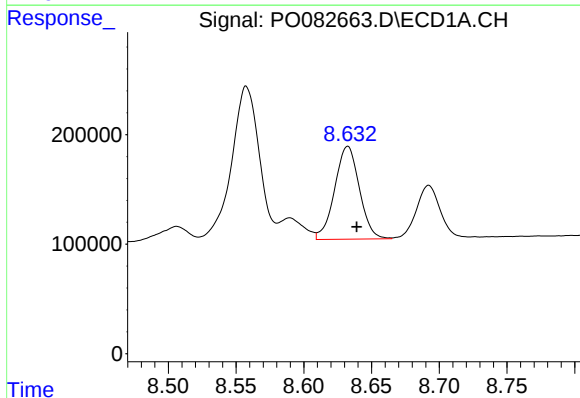
R.T.: 9.197 min
Delta R.T.: -0.008 min
Response: 2483322
Conc: 395.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



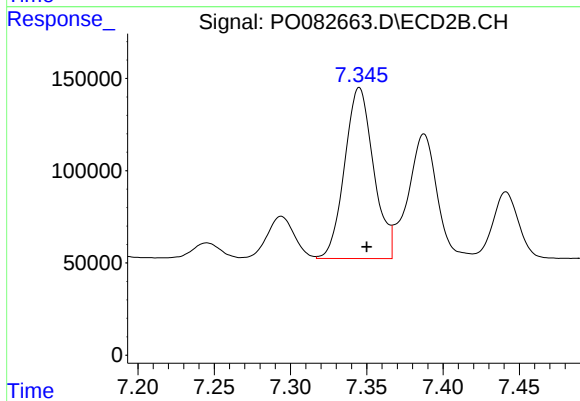
#35 AR-1260-5

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 1853663
Conc: 445.17 ng/ml



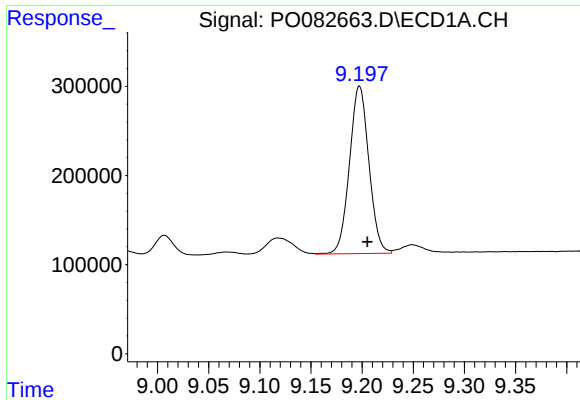
#36 AR-1262-1

R.T.: 8.632 min
Delta R.T.: -0.007 min
Response: 1079987
Conc: 291.07 ng/ml



#36 AR-1262-1

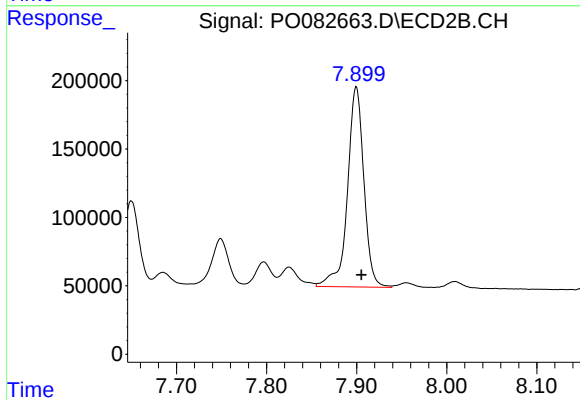
R.T.: 7.345 min
Delta R.T.: -0.005 min
Response: 1225332
Conc: 1025.27 ng/ml



#37 AR-1262-2

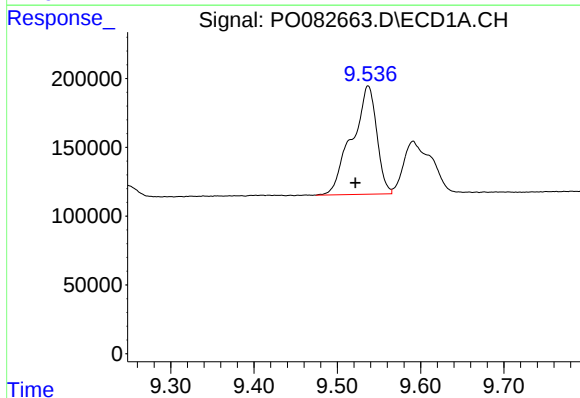
R.T.: 9.197 min
Delta R.T.: -0.008 min
Response: 2483322
Conc: 388.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



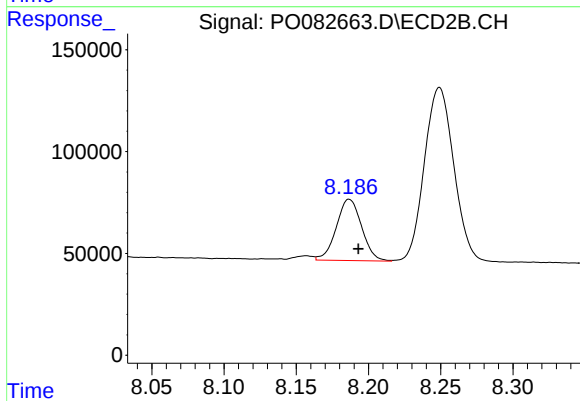
#37 AR-1262-2

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 1853663
Conc: 454.21 ng/ml



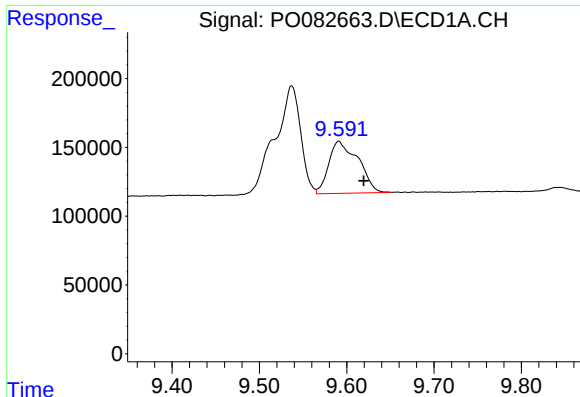
#38 AR-1262-3

R.T.: 9.537 min
Delta R.T.: 0.015 min
Response: 1622068
Conc: 565.66 ng/ml



#38 AR-1262-3

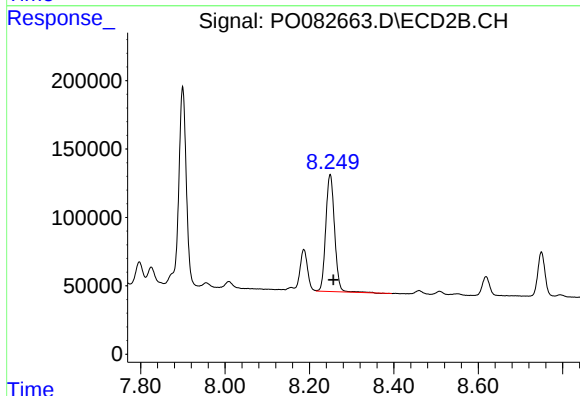
R.T.: 8.187 min
Delta R.T.: -0.006 min
Response: 366744
Conc: 224.90 ng/ml



#39 AR-1262-4

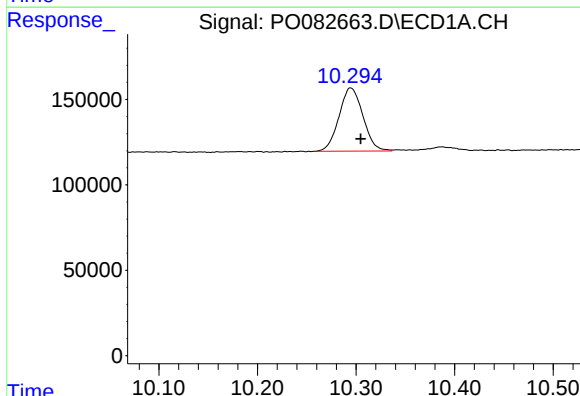
R.T.: 9.591 min
Delta R.T.: -0.028 min
Response: 883031
Conc: 523.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



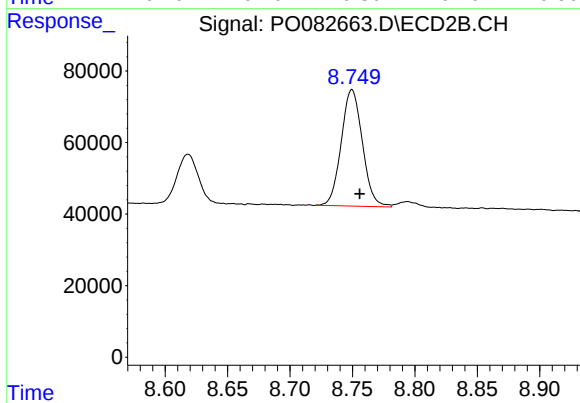
#39 AR-1262-4

R.T.: 8.249 min
Delta R.T.: -0.008 min
Response: 1235340
Conc: 424.22 ng/ml



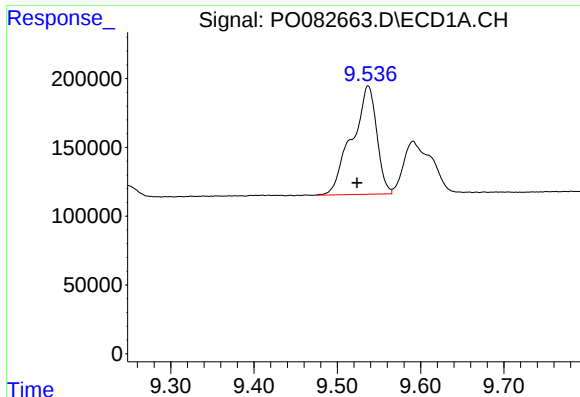
#40 AR-1262-5

R.T.: 10.295 min
Delta R.T.: -0.010 min
Response: 623432
Conc: 256.69 ng/ml



#40 AR-1262-5

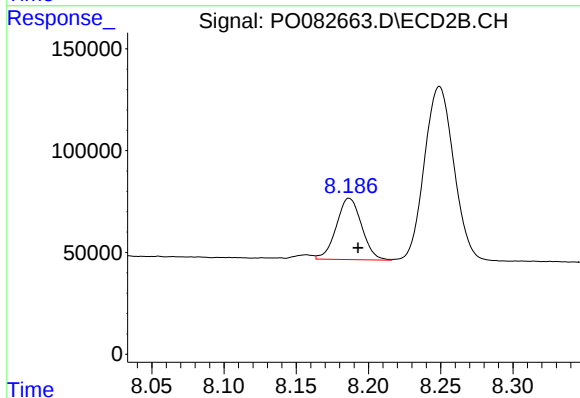
R.T.: 8.750 min
Delta R.T.: -0.006 min
Response: 384073
Conc: 280.33 ng/ml



#41 AR-1268-1

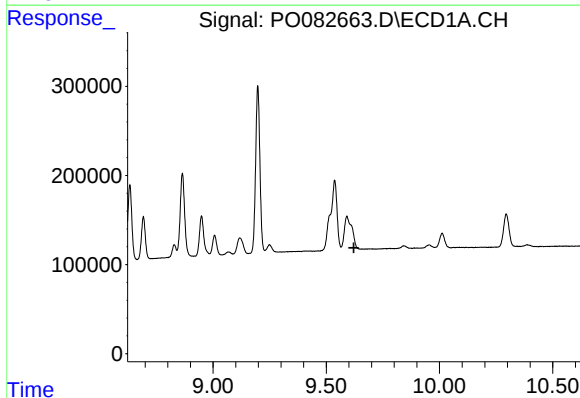
R.T.: 9.537 min
Delta R.T.: 0.013 min
Response: 1622068
Conc: 198.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



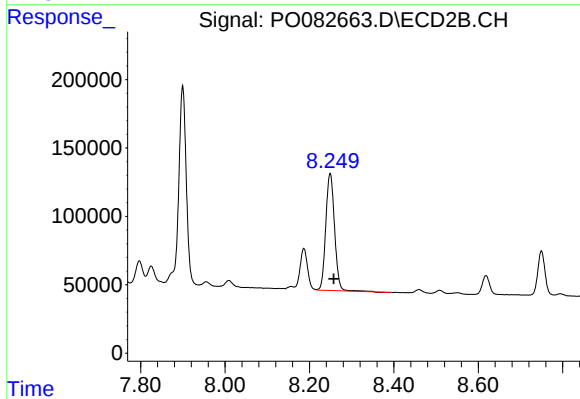
#41 AR-1268-1

R.T.: 8.187 min
Delta R.T.: -0.006 min
Response: 366744
Conc: 70.12 ng/ml



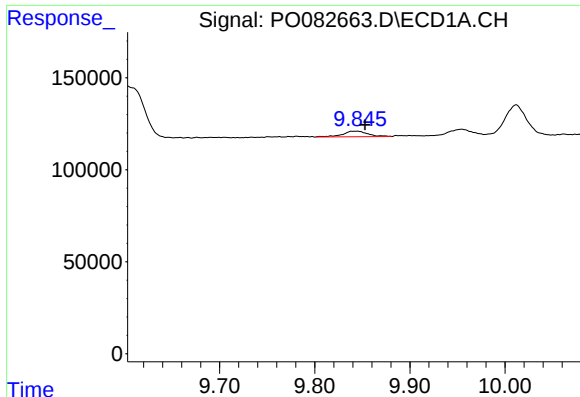
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.622 min
Response: 0
Conc: N.D.



#42 AR-1268-2

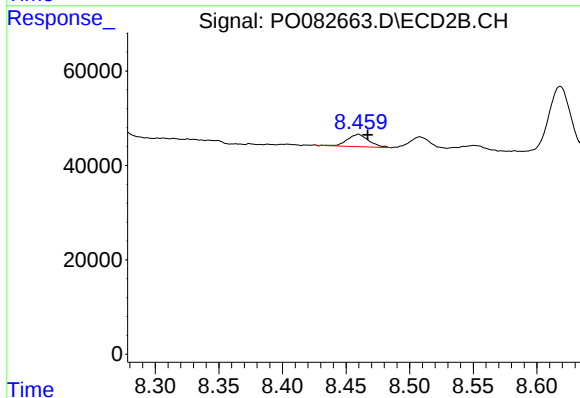
R.T.: 8.249 min
Delta R.T.: -0.009 min
Response: 1235340
Conc: 272.24 ng/ml



#43 AR-1268-3

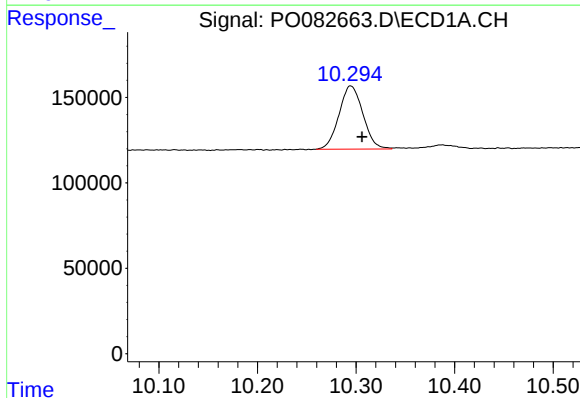
R.T.: 9.844 min
Delta R.T.: -0.009 min
Response: 55334
Conc: 8.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



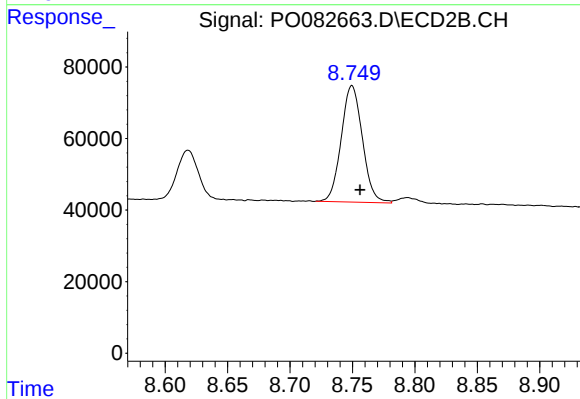
#43 AR-1268-3

R.T.: 8.460 min
Delta R.T.: -0.007 min
Response: 30225
Conc: 7.78 ng/ml



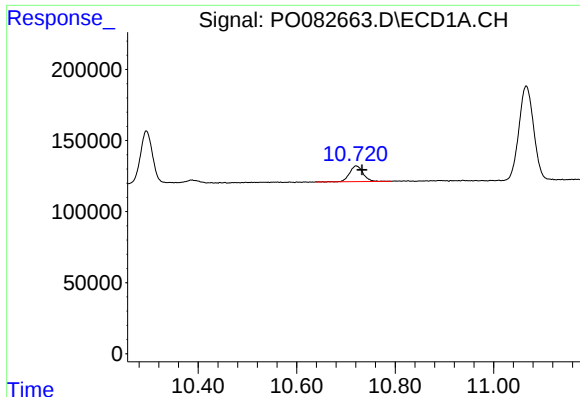
#44 AR-1268-4

R.T.: 10.295 min
Delta R.T.: -0.012 min
Response: 623432
Conc: 221.64 ng/ml



#44 AR-1268-4

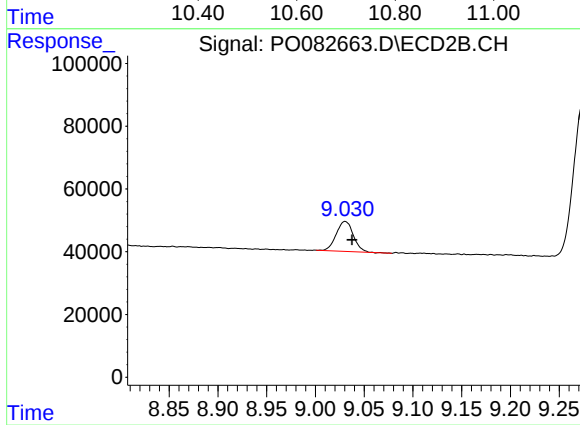
R.T.: 8.750 min
Delta R.T.: -0.006 min
Response: 384073
Conc: 241.74 ng/ml



#45 AR-1268-5

R.T.: 10.720 min
Delta R.T.: -0.012 min
Response: 211129
Conc: 9.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.031 min
Delta R.T.: -0.007 min
Response: 117371
Conc: 10.73 ng/ml