

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121021\
 Data File : PO083574.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Dec 2021 00:47
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:46:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 07 13:18:47 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...	4.937	3.944	4988513	1607643	52.288	51.683
2)	SA Decachlor...	11.014	9.243	3624620	1511758	50.739	46.339
Target Compounds							
3)	L1 AR-1016-1	6.270	5.199	1577502	668855	497.479	499.862
4)	L1 AR-1016-2	6.293	5.218	2216933	914371	497.651	499.557
5)	L1 AR-1016-3	6.360	5.409	1342789	502742	496.134	505.851
6)	L1 AR-1016-4	6.468	5.462	1103200	428794	494.950	513.007
7)	L1 AR-1016-5	6.785	5.690	1091766	510780	487.892	506.110
8)	L2 AR-1221-1	5.185	4.199	180437	61631	179.432	158.944
9)	L2 AR-1221-2	5.292	4.299	216436	86482	300.488	300.409
10)	L2 AR-1221-3	5.379	4.388	852415	364044	370.902	391.943
11)	L3 AR-1232-1	5.379	4.388	852415	364044	442.469	460.535
12)	L3 AR-1232-2	5.972	5.218	1231473	914371	1248.321	1176.705
13)	L3 AR-1232-3	6.293	5.409	2216933	502742	1230.408	1227.024
14)	L3 AR-1232-4	6.468	5.506	1103200	491338	1235.835	1384.245
15)	L3 AR-1232-5	6.566	5.690	915091	510780	1464.033	1361.739
16)	L4 AR-1242-1	6.270	5.199	1577502	668855	704.592	697.800
17)	L4 AR-1242-2	6.293	5.218	2216933	914371	704.506	700.353
18)	L4 AR-1242-3	6.360	5.409	1342789	502742	698.481	708.777
19)	L4 AR-1242-4	6.468	5.506	1103200	491338	686.663	764.826
20)	L4 AR-1242-5	7.257	6.070	162408	404497	93.138	429.539 #
21)	L5 AR-1248-1	6.270	5.199	1577502	668855	911.470	918.036
22)	L5 AR-1248-2	6.566	5.462	915091	428794	392.355	415.837
23)	L5 AR-1248-3	6.785	5.506	1091766	491338	401.388	512.235 #
24)	L5 AR-1248-4	7.217	5.690	198761	510780	65.740	443.805 #
25)	L5 AR-1248-5	7.257	6.113	162408	71592	56.774	55.035
26)	L6 AR-1254-1	7.186	6.070	751183	404497	235.074	204.462
27)	L6 AR-1254-2	7.416	6.230	755211	357066	163.819	205.849 #
28)	L6 AR-1254-3	7.801	6.669	423308	694709	84.858	267.771 #
29)	L6 AR-1254-4	8.097	6.891	281561	106350	78.988	56.280 #
30)	L6 AR-1254-5	8.530	7.320	2281319	1188607	636.058	486.909
31)	L7 AR-1260-1	7.969	6.788	1706526	910811	494.617	471.049
32)	L7 AR-1260-2	8.236	6.986	2010434	1148564	481.668	469.965
33)	L7 AR-1260-3	8.603	7.141	1525809	1015907	486.694	443.466
34)	L7 AR-1260-4	8.836	7.624	1716603	861352	490.268	473.757
35)	L7 AR-1260-5	9.166	7.874	3432092	2209609	494.211	470.304
36)	L8 AR-1262-1	8.603	7.320	1525809	1188607	367.265	930.992 #
37)	L8 AR-1262-2	9.166	7.874	3432092	2209609	472.473	471.246
38)	L8 AR-1262-3	9.481	8.161	744943	525087	223.353	277.173
39)	L8 AR-1262-4	9.557f	8.223	1428750	1526640	734.260	453.816 #
40)	L8 AR-1262-5	10.253	8.724	913810	534038	332.633	343.059
41)	L9 AR-1268-1	9.481	8.161	744943	525087	84.430	93.864

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

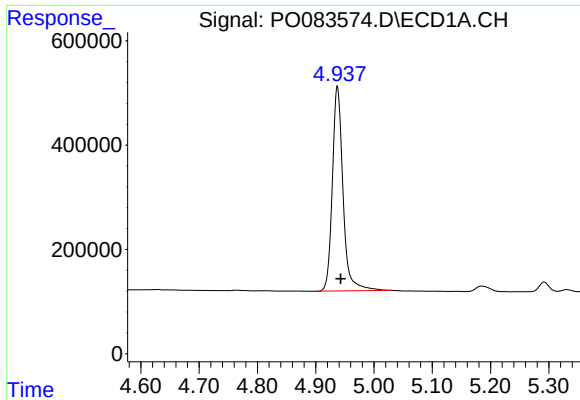
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:46:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120621.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	9.557f	8.223	1428750	1526640	172.947	312.710 #
43) L9	AR-1268-3	9.804	8.432	46156	22570	6.591	5.360
44) L9	AR-1268-4	10.253	8.724	913810	534038	310.810	309.650
45) L9	AR-1268-5	10.674	9.002	296108	142966	12.491	11.680

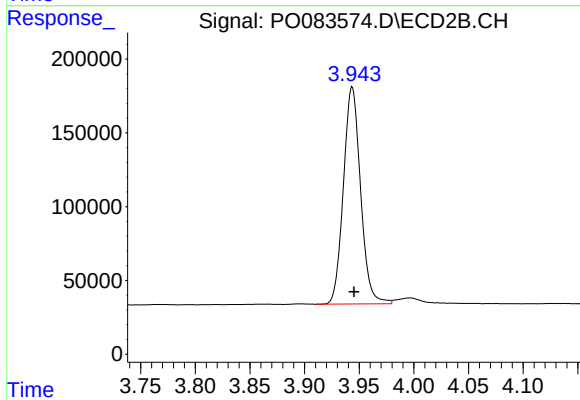
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

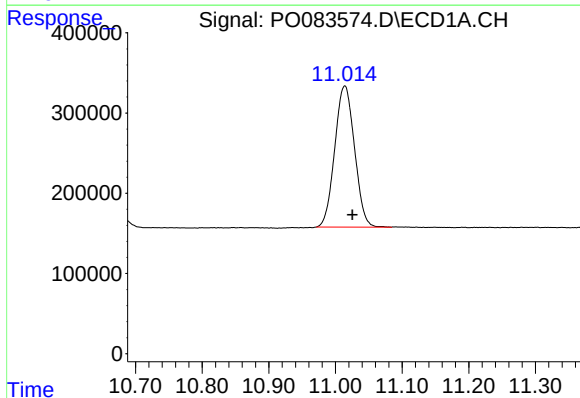
R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 4988513
Conc: 52.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



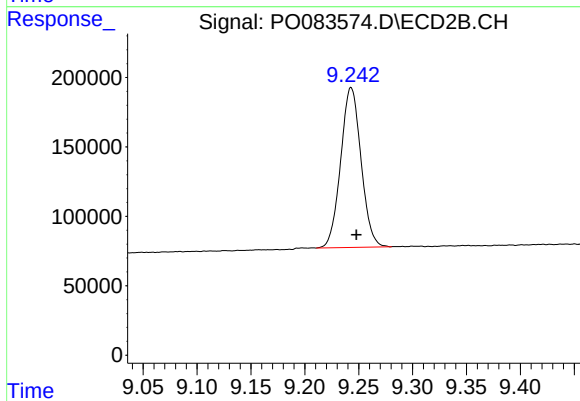
#1 Tetrachloro-m-xylene

R.T.: 3.944 min
Delta R.T.: -0.002 min
Response: 1607643
Conc: 51.68 ng/ml



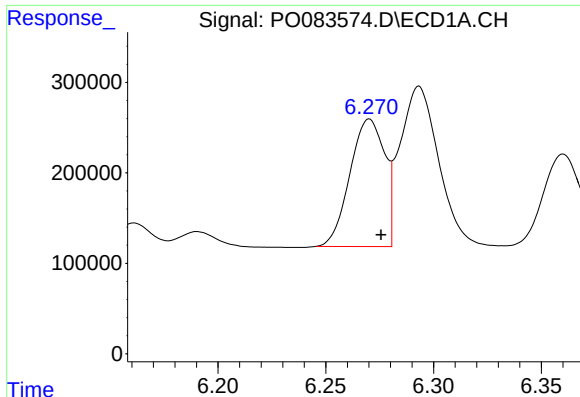
#2 Decachlorobiphenyl

R.T.: 11.014 min
Delta R.T.: -0.011 min
Response: 3624620
Conc: 50.74 ng/ml



#2 Decachlorobiphenyl

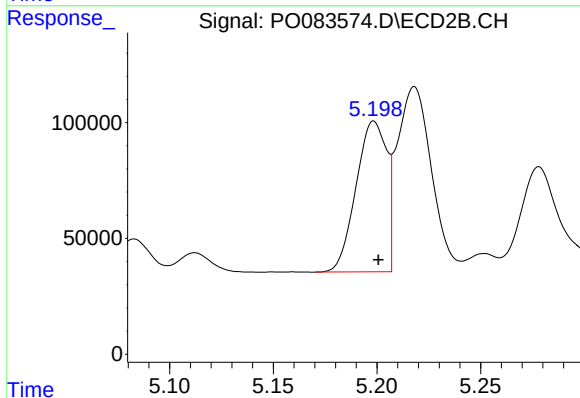
R.T.: 9.243 min
Delta R.T.: -0.005 min
Response: 1511758
Conc: 46.34 ng/ml



#3 AR-1016-1

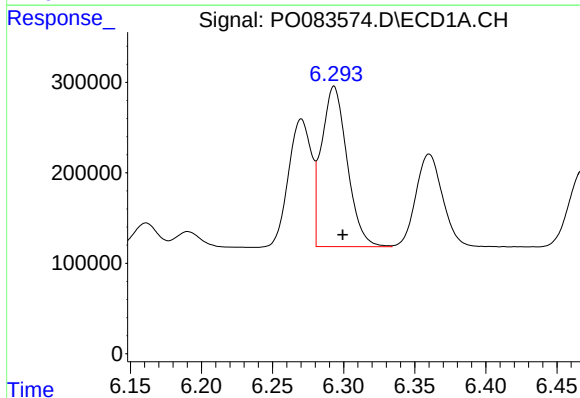
R.T.: 6.270 min
Delta R.T.: -0.005 min
Response: 1577502
Conc: 497.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



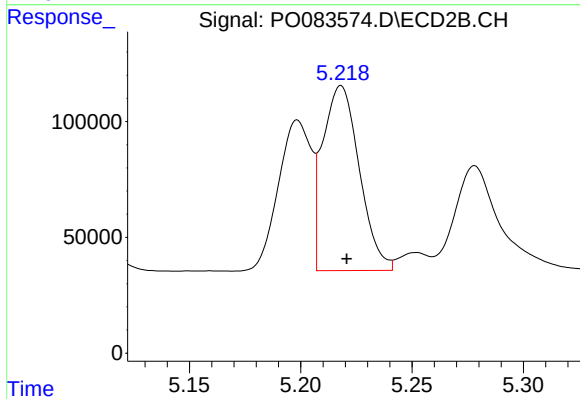
#3 AR-1016-1

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 668855
Conc: 499.86 ng/ml



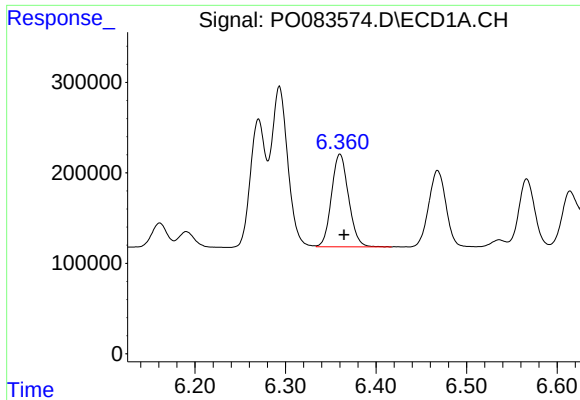
#4 AR-1016-2

R.T.: 6.293 min
Delta R.T.: -0.006 min
Response: 2216933
Conc: 497.65 ng/ml



#4 AR-1016-2

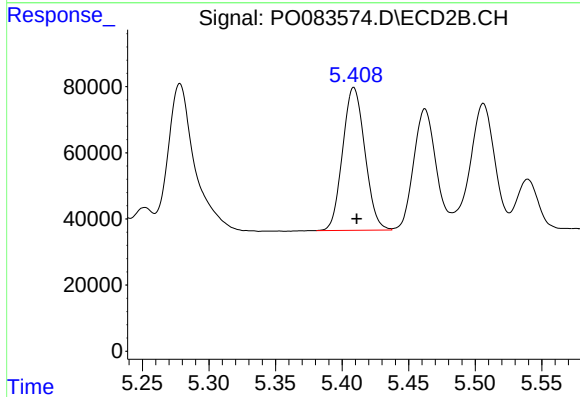
R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 914371
Conc: 499.56 ng/ml



#5 AR-1016-3

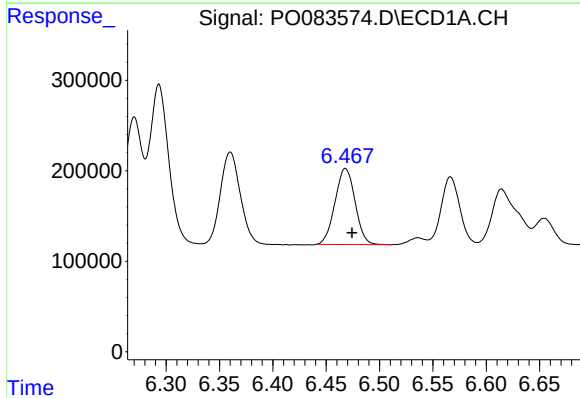
R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 1342789
Conc: 496.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



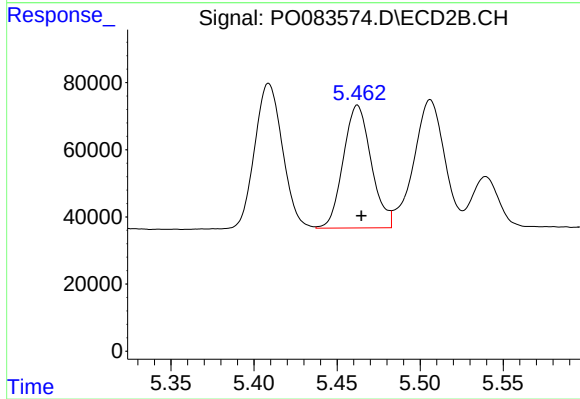
#5 AR-1016-3

R.T.: 5.409 min
Delta R.T.: -0.002 min
Response: 502742
Conc: 505.85 ng/ml



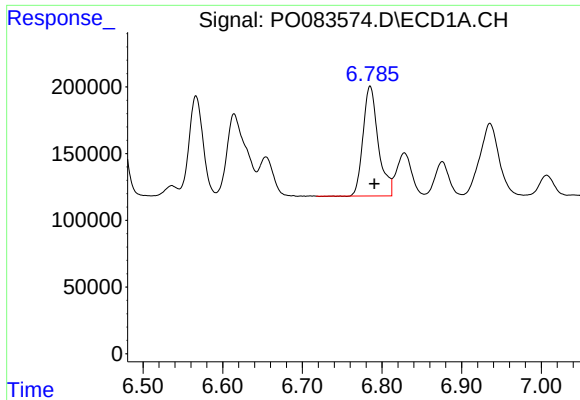
#6 AR-1016-4

R.T.: 6.468 min
Delta R.T.: -0.006 min
Response: 1103200
Conc: 494.95 ng/ml



#6 AR-1016-4

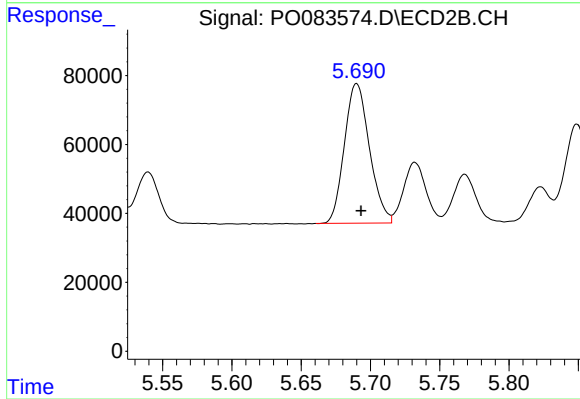
R.T.: 5.462 min
Delta R.T.: -0.002 min
Response: 428794
Conc: 513.01 ng/ml



#7 AR-1016-5

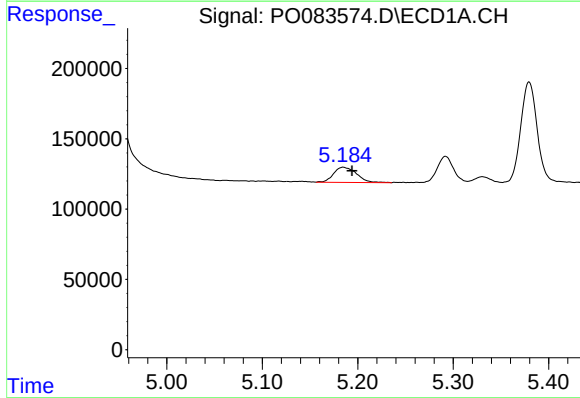
R.T.: 6.785 min
Delta R.T.: -0.005 min
Response: 1091766
Conc: 487.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



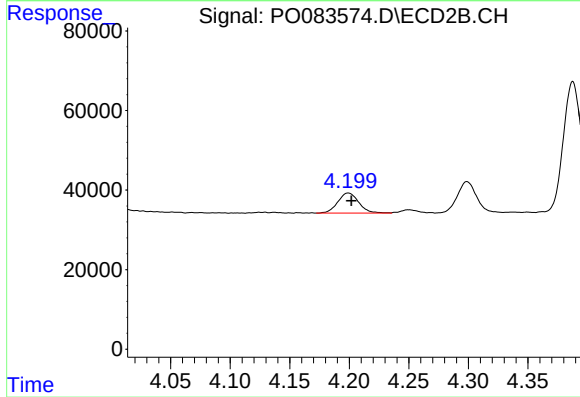
#7 AR-1016-5

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 510780
Conc: 506.11 ng/ml



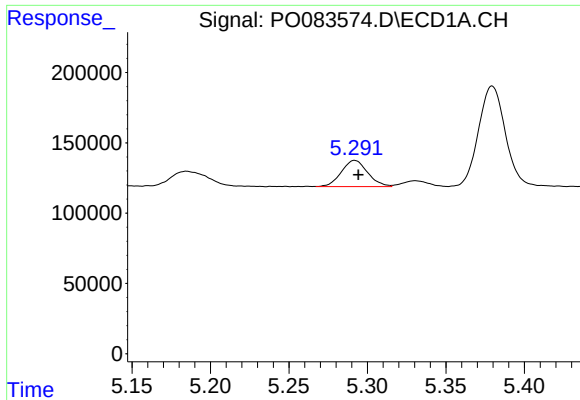
#8 AR-1221-1

R.T.: 5.185 min
Delta R.T.: -0.009 min
Response: 180437
Conc: 179.43 ng/ml



#8 AR-1221-1

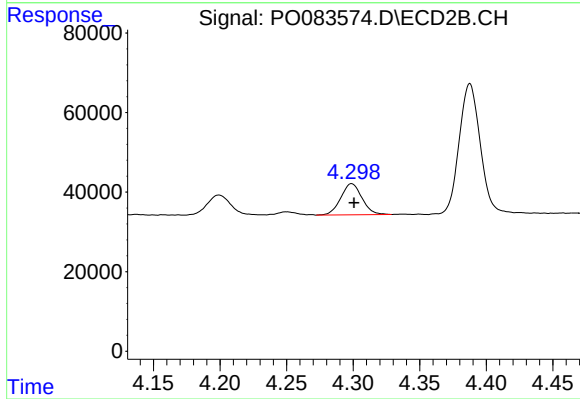
R.T.: 4.199 min
Delta R.T.: -0.003 min
Response: 61631
Conc: 158.94 ng/ml



#9 AR-1221-2

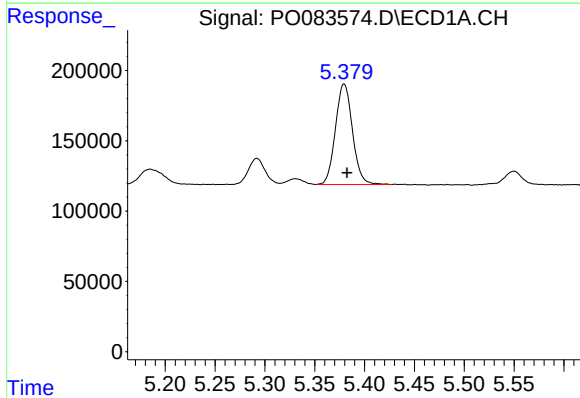
R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 216436
Conc: 300.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



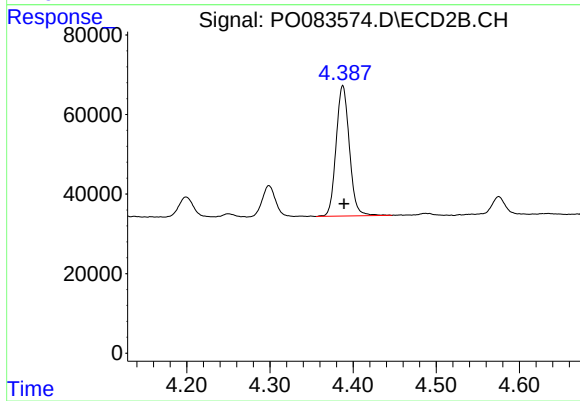
#9 AR-1221-2

R.T.: 4.299 min
Delta R.T.: -0.002 min
Response: 86482
Conc: 300.41 ng/ml



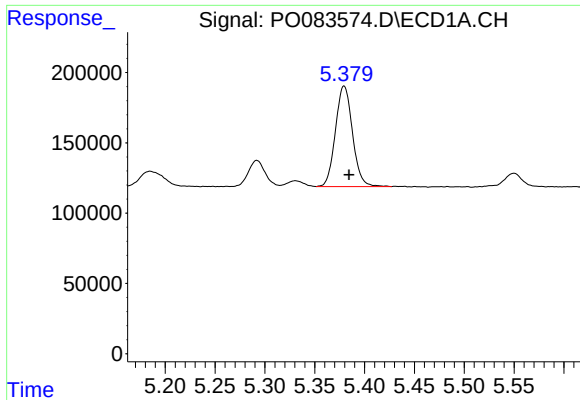
#10 AR-1221-3

R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 852415
Conc: 370.90 ng/ml



#10 AR-1221-3

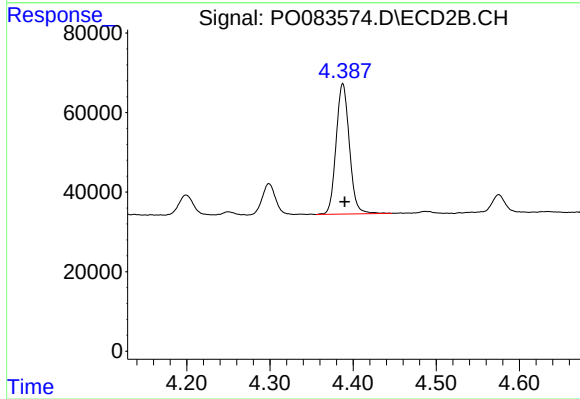
R.T.: 4.388 min
Delta R.T.: -0.001 min
Response: 364044
Conc: 391.94 ng/ml



#11 AR-1232-1

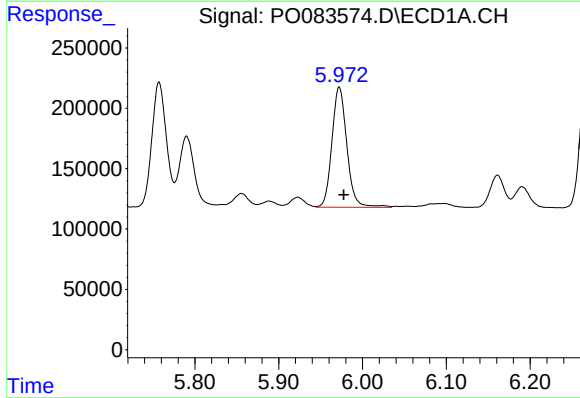
R.T.: 5.379 min
Delta R.T.: -0.005 min
Response: 852415
Conc: 442.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



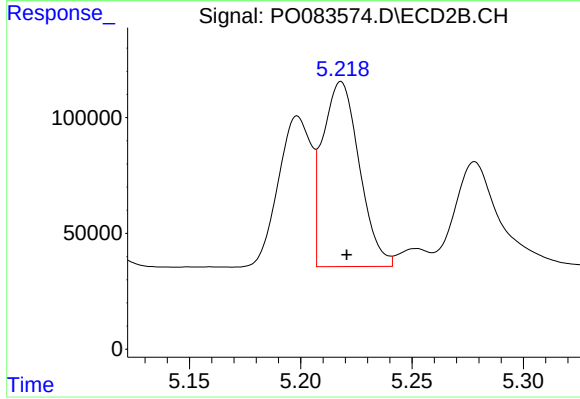
#11 AR-1232-1

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 364044
Conc: 460.53 ng/ml



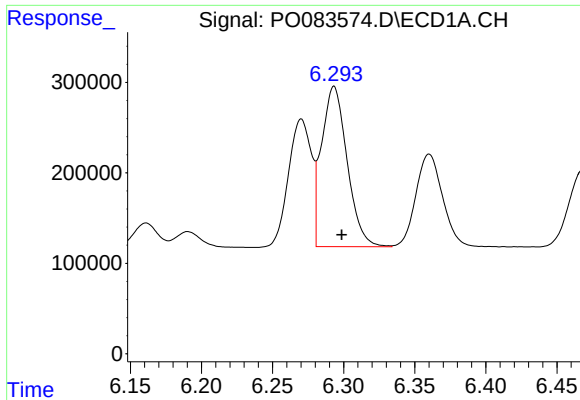
#12 AR-1232-2

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 1231473
Conc: 1248.32 ng/ml



#12 AR-1232-2

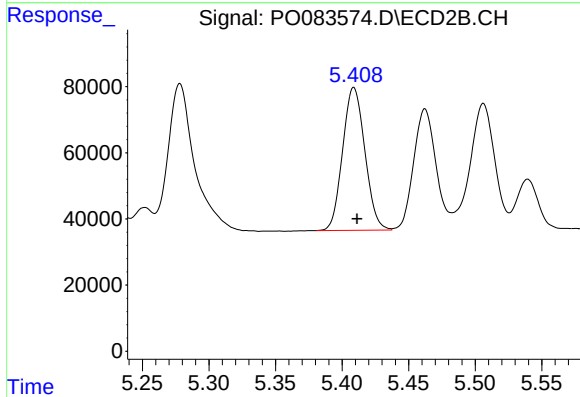
R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 914371
Conc: 1176.70 ng/ml



#13 AR-1232-3

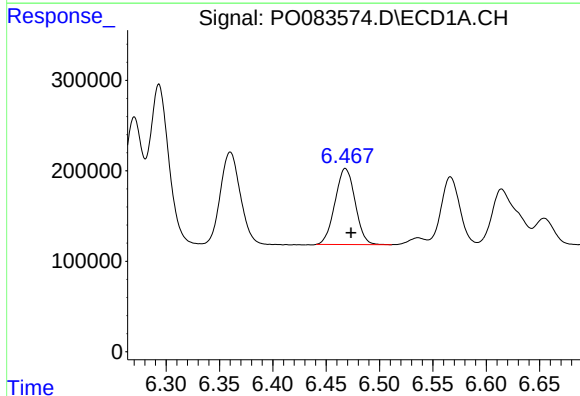
R.T.: 6.293 min
Delta R.T.: -0.006 min
Response: 2216933
Conc: 1230.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



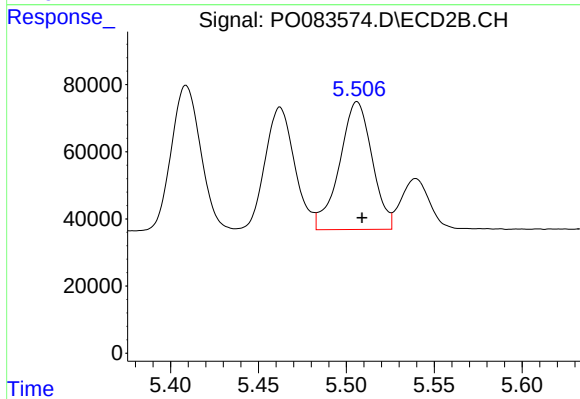
#13 AR-1232-3

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 502742
Conc: 1227.02 ng/ml



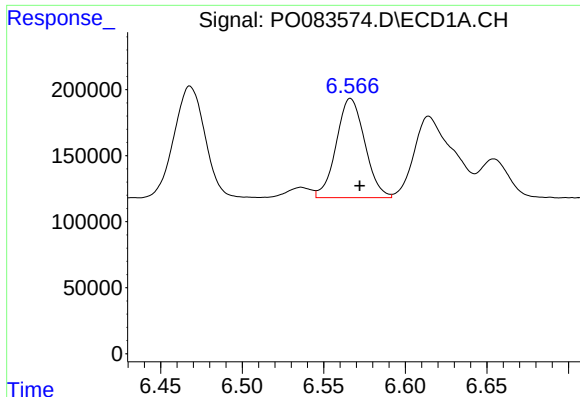
#14 AR-1232-4

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 1103200
Conc: 1235.84 ng/ml



#14 AR-1232-4

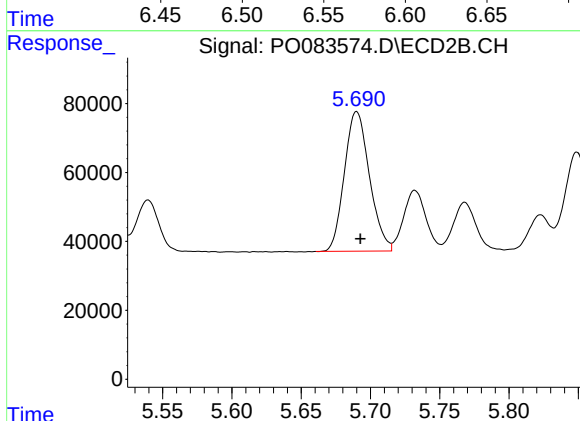
R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 491338
Conc: 1384.25 ng/ml



#15 AR-1232-5

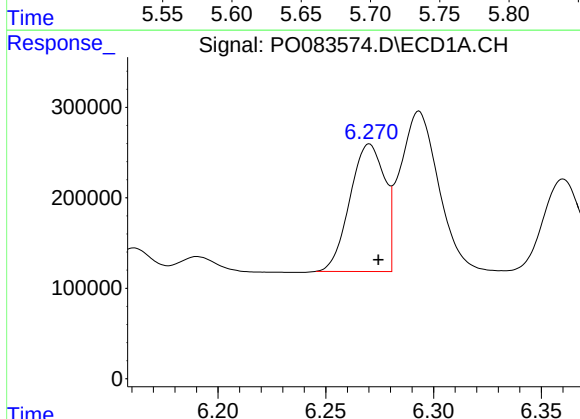
R.T.: 6.566 min
Delta R.T.: -0.006 min
Response: 915091
Conc: 1464.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



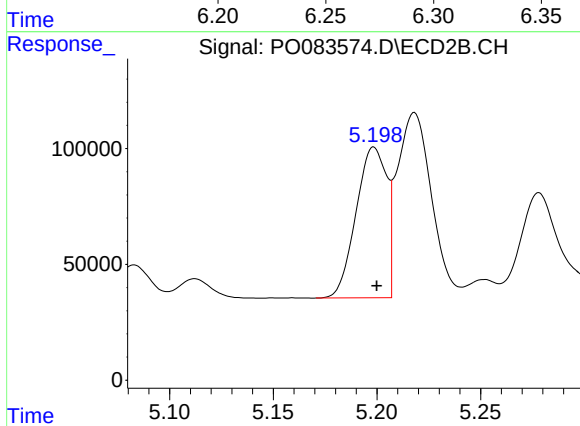
#15 AR-1232-5

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 510780
Conc: 1361.74 ng/ml



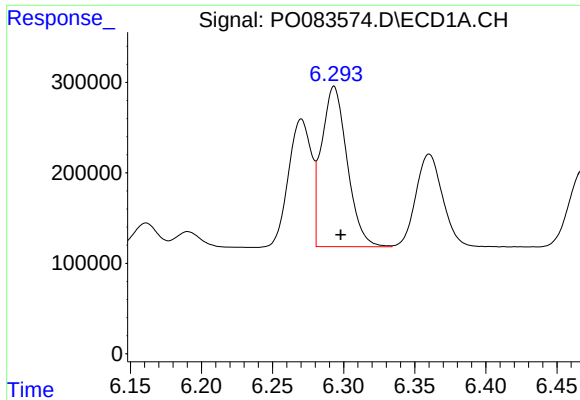
#16 AR-1242-1

R.T.: 6.270 min
Delta R.T.: -0.004 min
Response: 1577502
Conc: 704.59 ng/ml



#16 AR-1242-1

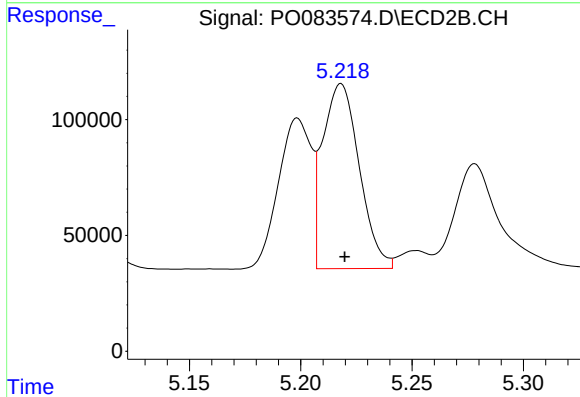
R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 668855
Conc: 697.80 ng/ml



#17 AR-1242-2

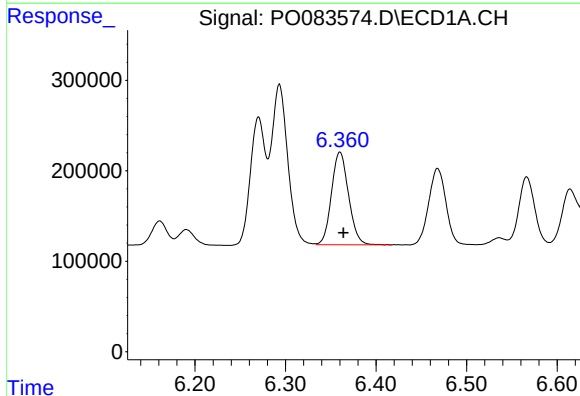
R.T.: 6.293 min
Delta R.T.: -0.005 min
Response: 2216933
Conc: 704.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



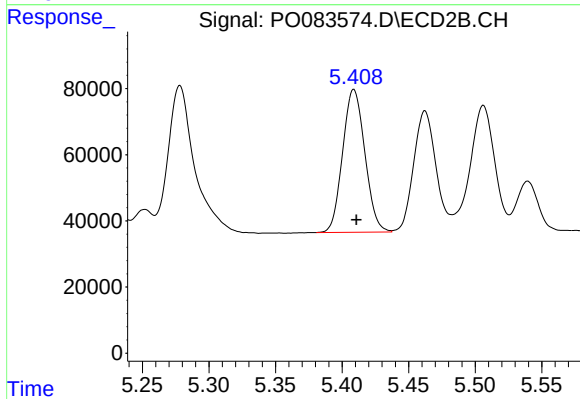
#17 AR-1242-2

R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 914371
Conc: 700.35 ng/ml



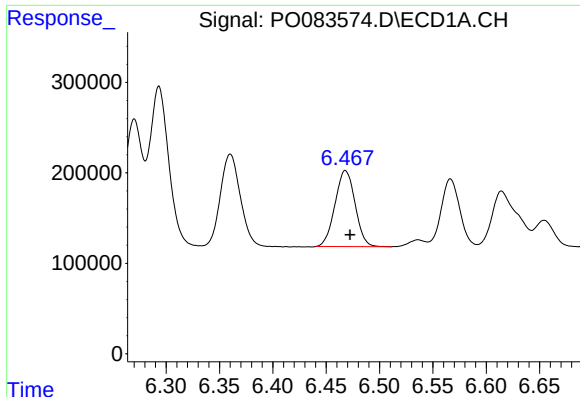
#18 AR-1242-3

R.T.: 6.360 min
Delta R.T.: -0.004 min
Response: 1342789
Conc: 698.48 ng/ml



#18 AR-1242-3

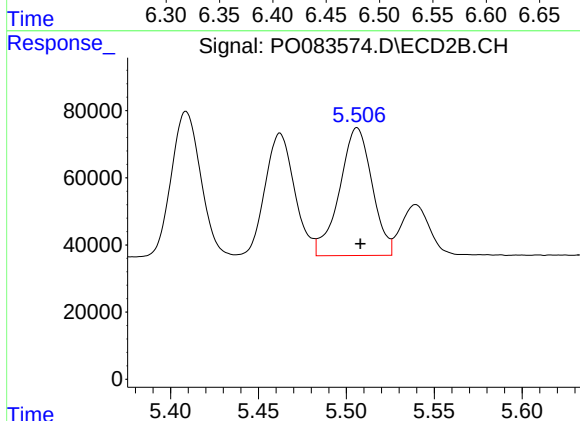
R.T.: 5.409 min
Delta R.T.: -0.002 min
Response: 502742
Conc: 708.78 ng/ml



#19 AR-1242-4

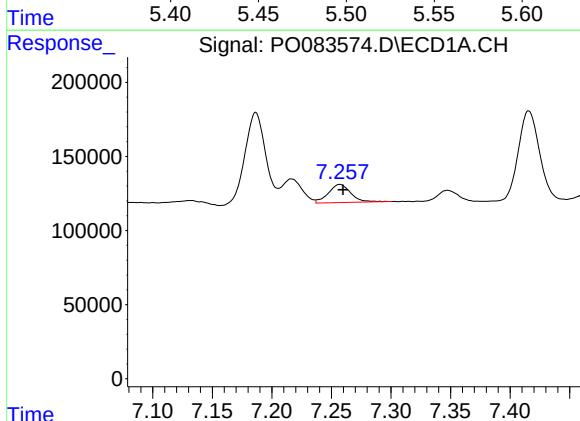
R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 1103200
Conc: 686.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



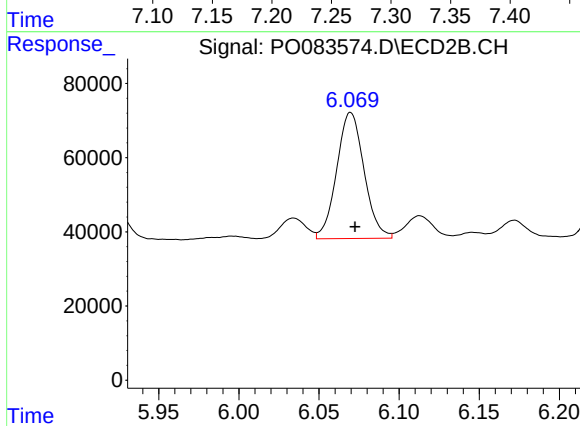
#19 AR-1242-4

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 491338
Conc: 764.83 ng/ml



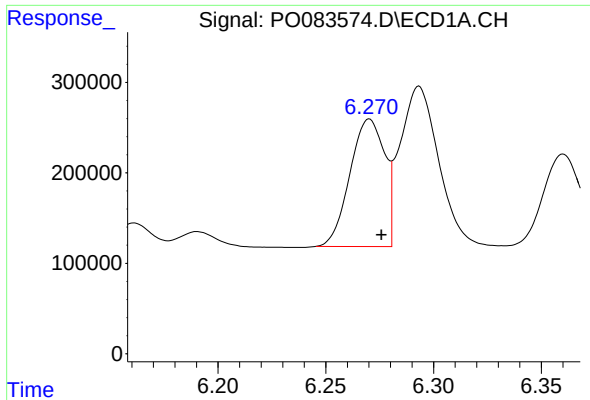
#20 AR-1242-5

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 162408
Conc: 93.14 ng/ml



#20 AR-1242-5

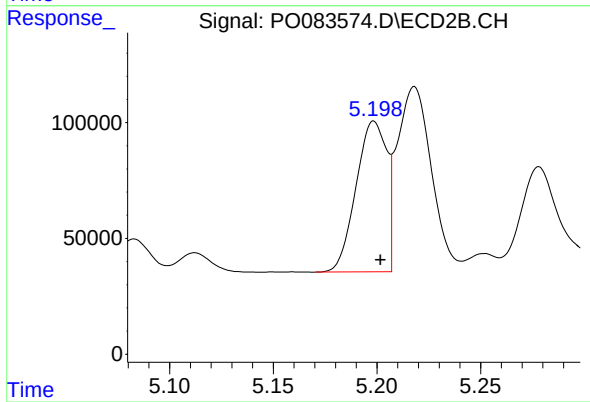
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 404497
Conc: 429.54 ng/ml



#21 AR-1248-1

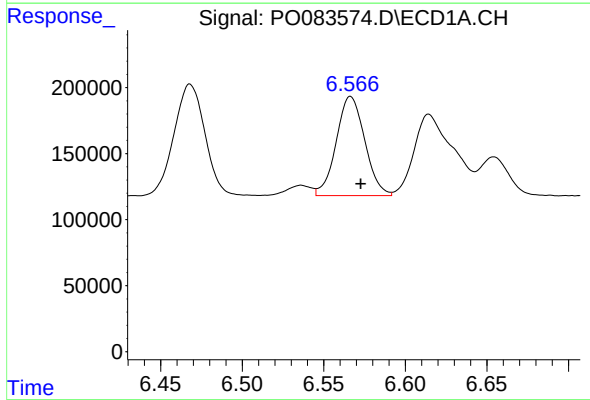
R.T.: 6.270 min
Delta R.T.: -0.006 min
Response: 1577502
Conc: 911.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



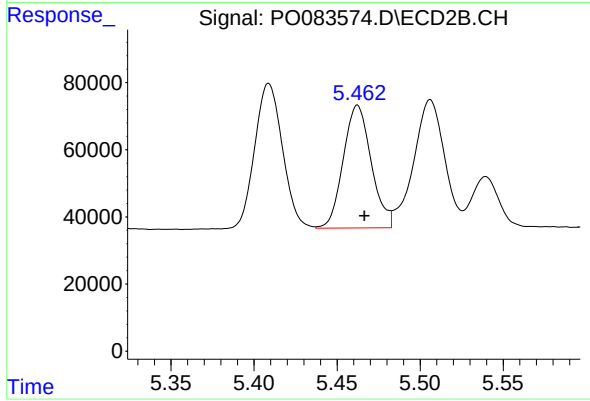
#21 AR-1248-1

R.T.: 5.199 min
Delta R.T.: -0.003 min
Response: 668855
Conc: 918.04 ng/ml



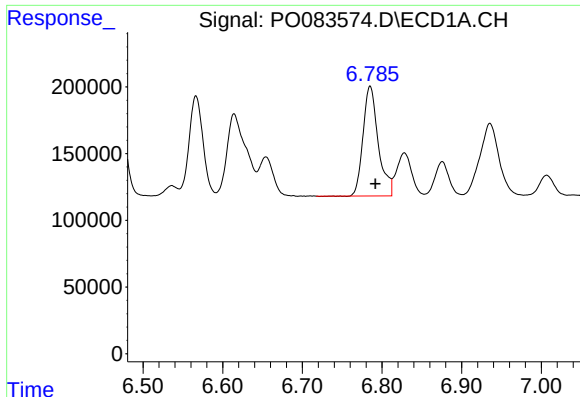
#22 AR-1248-2

R.T.: 6.566 min
Delta R.T.: -0.006 min
Response: 915091
Conc: 392.35 ng/ml



#22 AR-1248-2

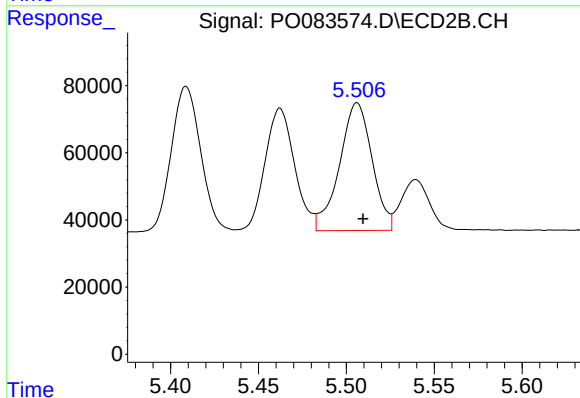
R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 428794
Conc: 415.84 ng/ml



#23 AR-1248-3

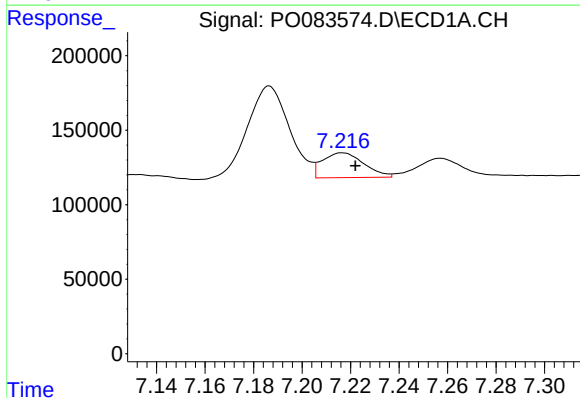
R.T.: 6.785 min
Delta R.T.: -0.007 min
Response: 1091766
Conc: 401.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



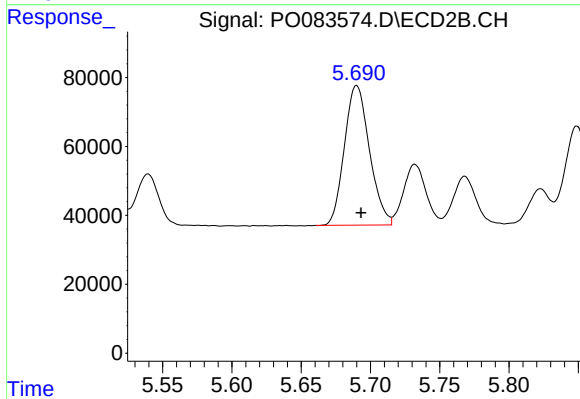
#23 AR-1248-3

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 491338
Conc: 512.23 ng/ml



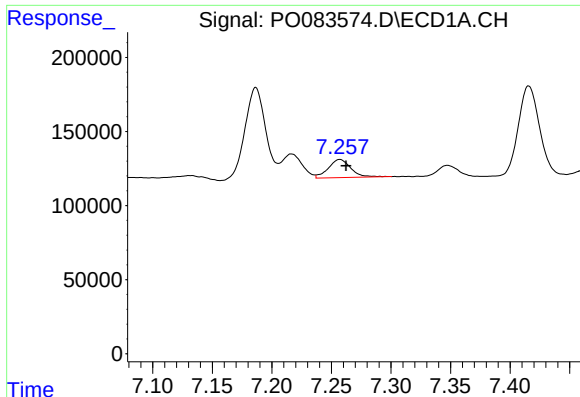
#24 AR-1248-4

R.T.: 7.217 min
Delta R.T.: -0.005 min
Response: 198761
Conc: 65.74 ng/ml



#24 AR-1248-4

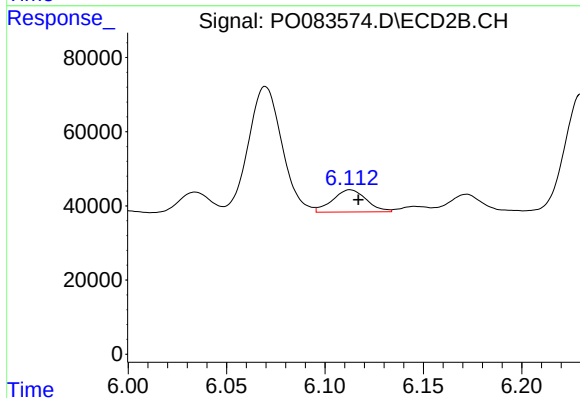
R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 510780
Conc: 443.81 ng/ml



#25 AR-1248-5

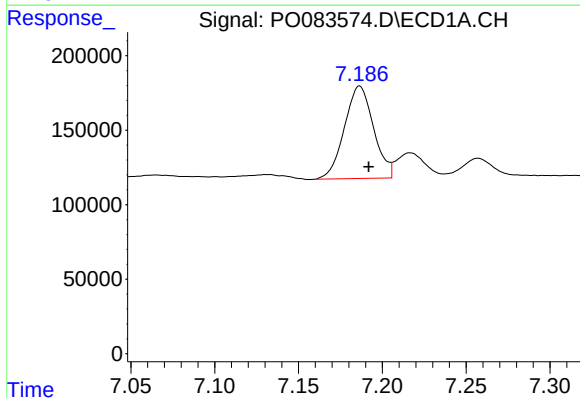
R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 162408
Conc: 56.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



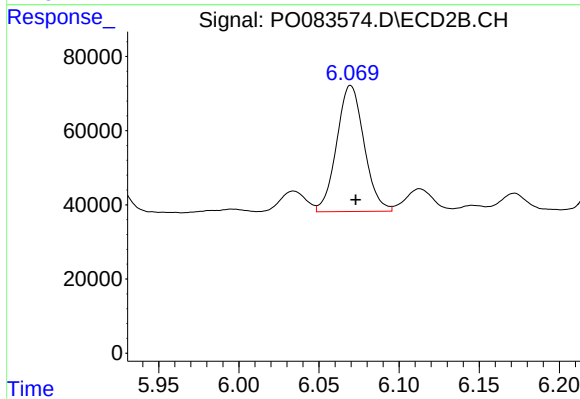
#25 AR-1248-5

R.T.: 6.113 min
Delta R.T.: -0.004 min
Response: 71592
Conc: 55.04 ng/ml



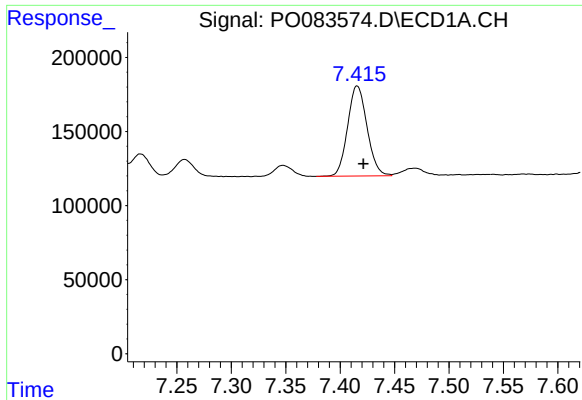
#26 AR-1254-1

R.T.: 7.186 min
Delta R.T.: -0.005 min
Response: 751183
Conc: 235.07 ng/ml



#26 AR-1254-1

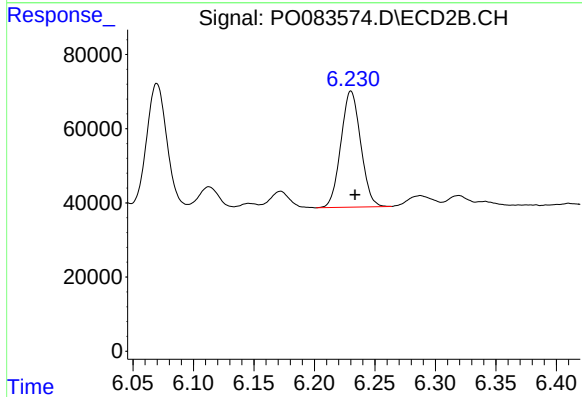
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 404497
Conc: 204.46 ng/ml



#27 AR-1254-2

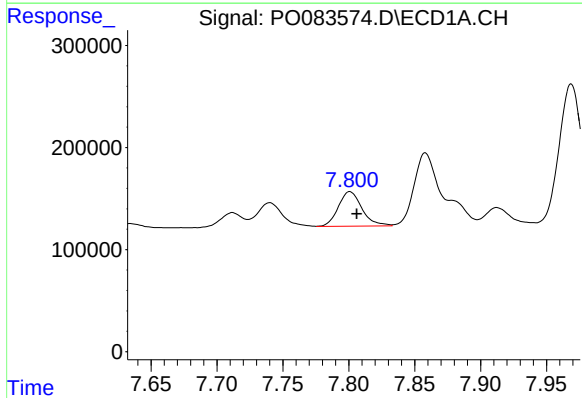
R.T.: 7.416 min
Delta R.T.: -0.006 min
Response: 755211
Conc: 163.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



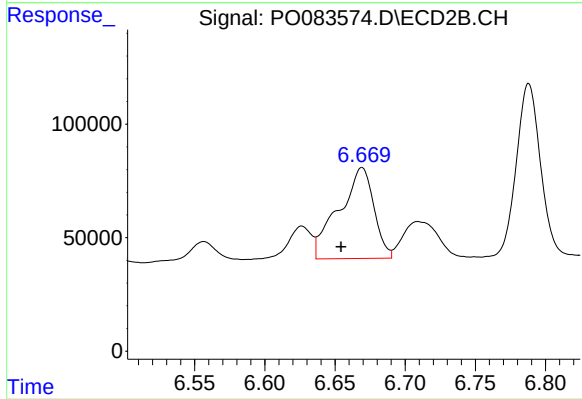
#27 AR-1254-2

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 357066
Conc: 205.85 ng/ml



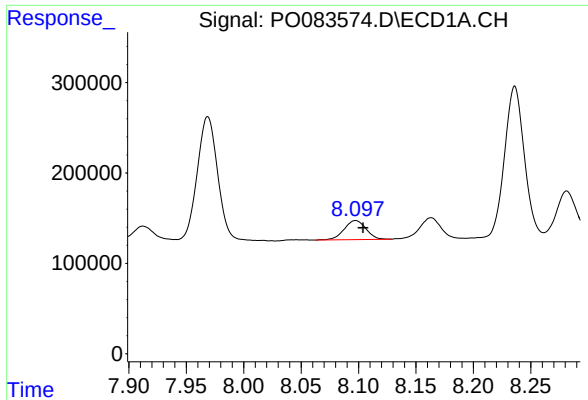
#28 AR-1254-3

R.T.: 7.801 min
Delta R.T.: -0.005 min
Response: 423308
Conc: 84.86 ng/ml



#28 AR-1254-3

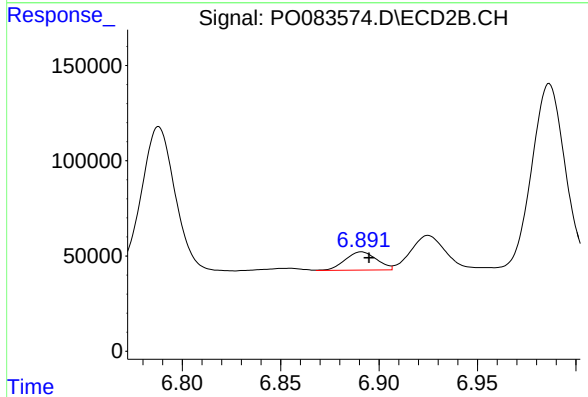
R.T.: 6.669 min
Delta R.T.: 0.015 min
Response: 694709
Conc: 267.77 ng/ml



#29 AR-1254-4

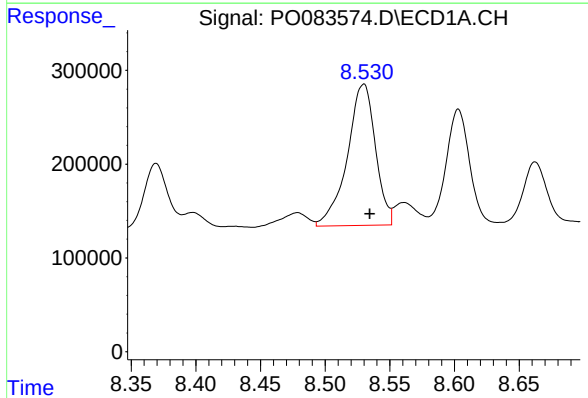
R.T.: 8.097 min
Delta R.T.: -0.006 min
Response: 281561
Conc: 78.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



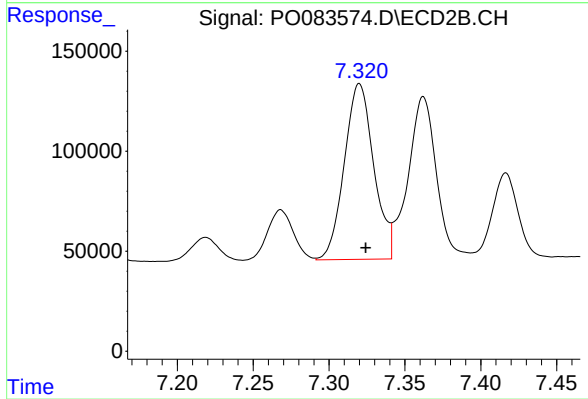
#29 AR-1254-4

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 106350
Conc: 56.28 ng/ml



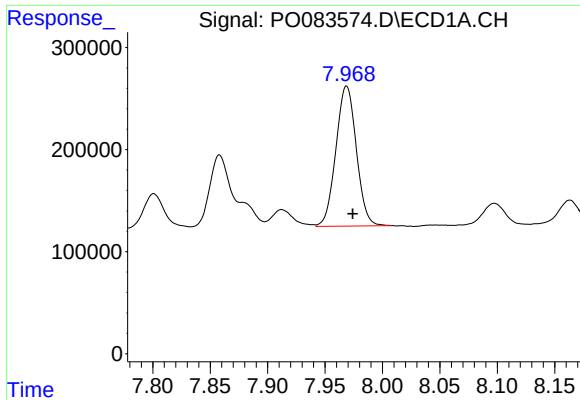
#30 AR-1254-5

R.T.: 8.530 min
Delta R.T.: -0.005 min
Response: 2281319
Conc: 636.06 ng/ml



#30 AR-1254-5

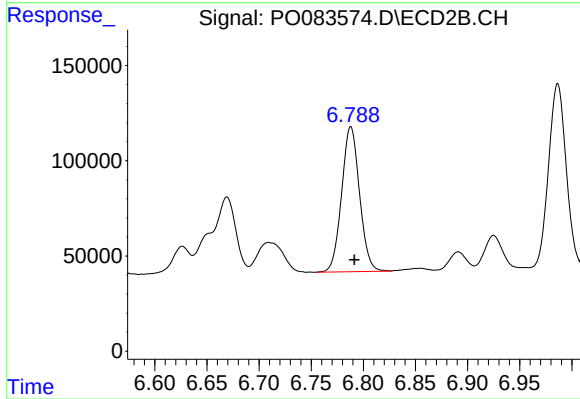
R.T.: 7.320 min
Delta R.T.: -0.004 min
Response: 1188607
Conc: 486.91 ng/ml



#31 AR-1260-1

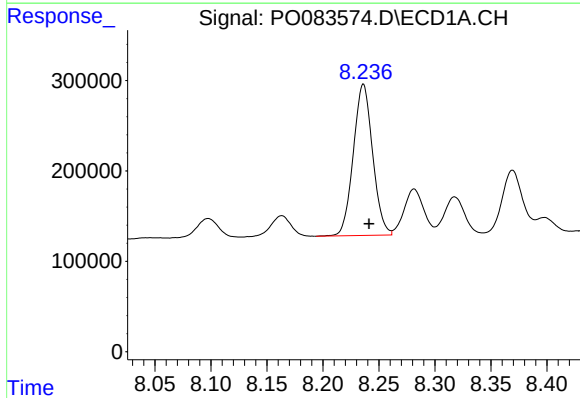
R.T.: 7.969 min
Delta R.T.: -0.005 min
Response: 1706526
Conc: 494.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



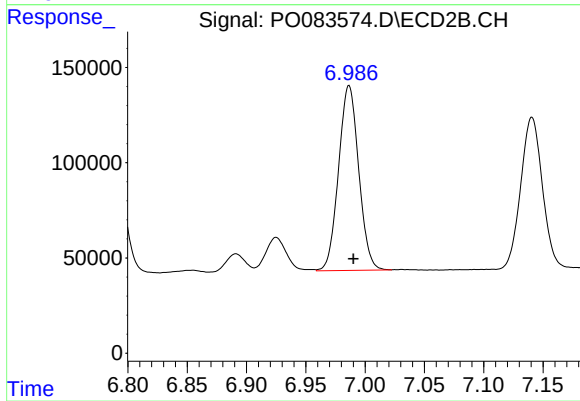
#31 AR-1260-1

R.T.: 6.788 min
Delta R.T.: -0.003 min
Response: 910811
Conc: 471.05 ng/ml



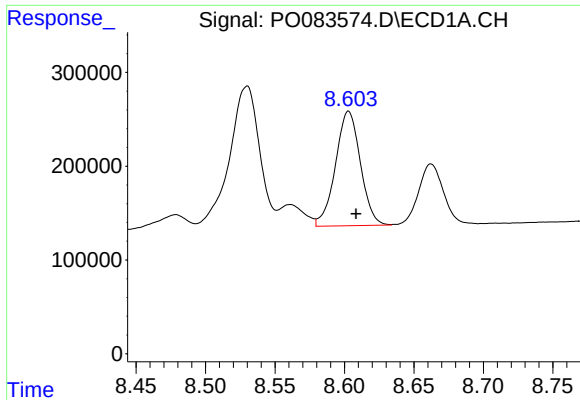
#32 AR-1260-2

R.T.: 8.236 min
Delta R.T.: -0.005 min
Response: 2010434
Conc: 481.67 ng/ml



#32 AR-1260-2

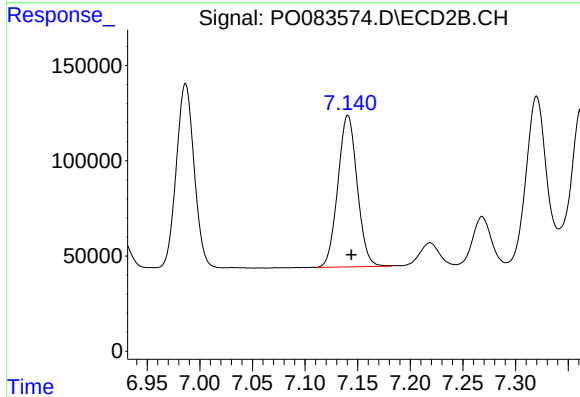
R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 1148564
Conc: 469.96 ng/ml



#33 AR-1260-3

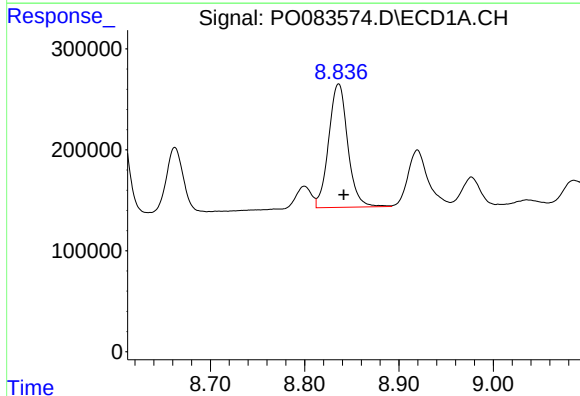
R.T.: 8.603 min
Delta R.T.: -0.005 min
Response: 1525809
Conc: 486.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



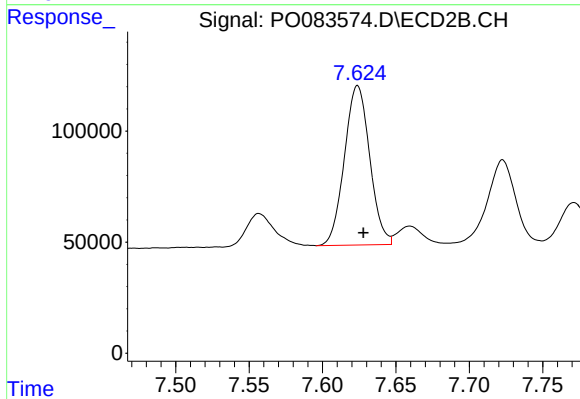
#33 AR-1260-3

R.T.: 7.141 min
Delta R.T.: -0.003 min
Response: 1015907
Conc: 443.47 ng/ml



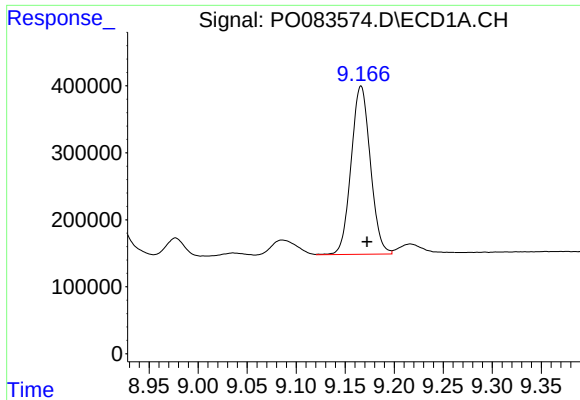
#34 AR-1260-4

R.T.: 8.836 min
Delta R.T.: -0.005 min
Response: 1716603
Conc: 490.27 ng/ml



#34 AR-1260-4

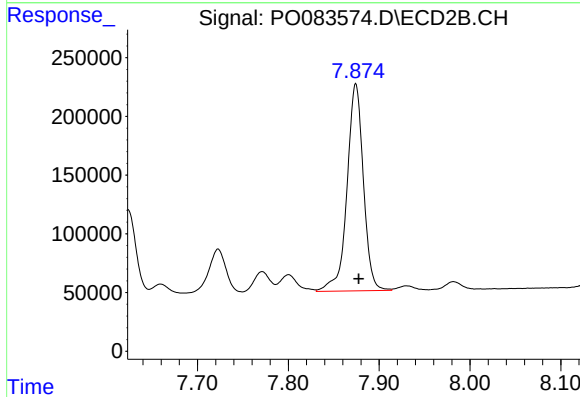
R.T.: 7.624 min
Delta R.T.: -0.004 min
Response: 861352
Conc: 473.76 ng/ml



#35 AR-1260-5

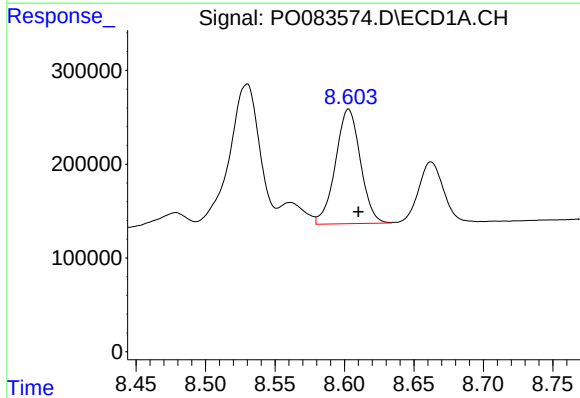
R.T.: 9.166 min
Delta R.T.: -0.006 min
Response: 3432092
Conc: 494.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



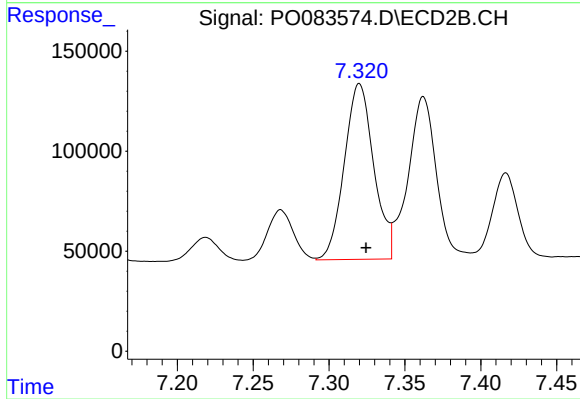
#35 AR-1260-5

R.T.: 7.874 min
Delta R.T.: -0.003 min
Response: 2209609
Conc: 470.30 ng/ml



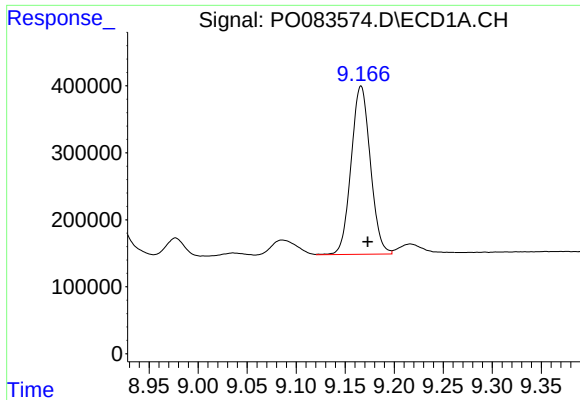
#36 AR-1262-1

R.T.: 8.603 min
Delta R.T.: -0.007 min
Response: 1525809
Conc: 367.27 ng/ml



#36 AR-1262-1

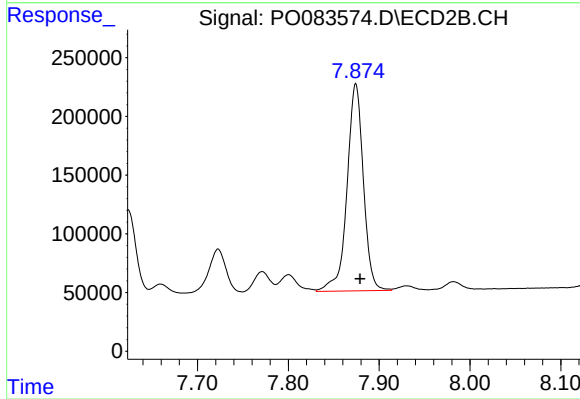
R.T.: 7.320 min
Delta R.T.: -0.004 min
Response: 1188607
Conc: 930.99 ng/ml



#37 AR-1262-2

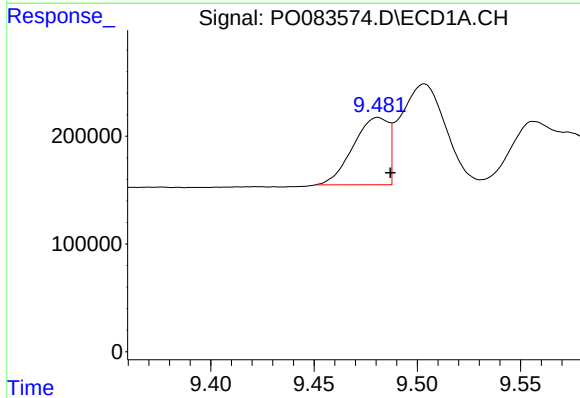
R.T.: 9.166 min
Delta R.T.: -0.007 min
Response: 3432092
Conc: 472.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



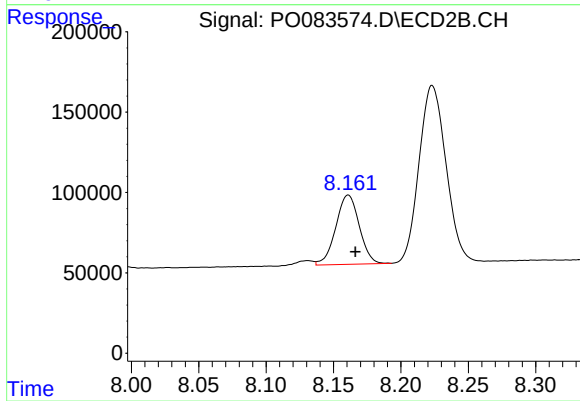
#37 AR-1262-2

R.T.: 7.874 min
Delta R.T.: -0.005 min
Response: 2209609
Conc: 471.25 ng/ml



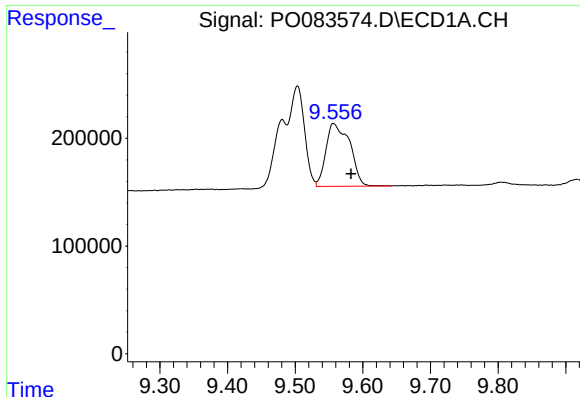
#38 AR-1262-3

R.T.: 9.481 min
Delta R.T.: -0.006 min
Response: 744943
Conc: 223.35 ng/ml



#38 AR-1262-3

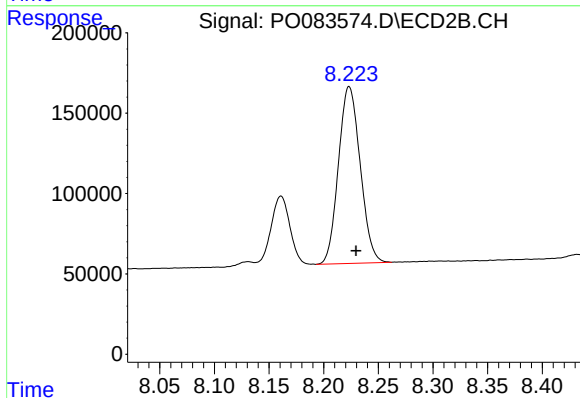
R.T.: 8.161 min
Delta R.T.: -0.005 min
Response: 525087
Conc: 277.17 ng/ml



#39 AR-1262-4

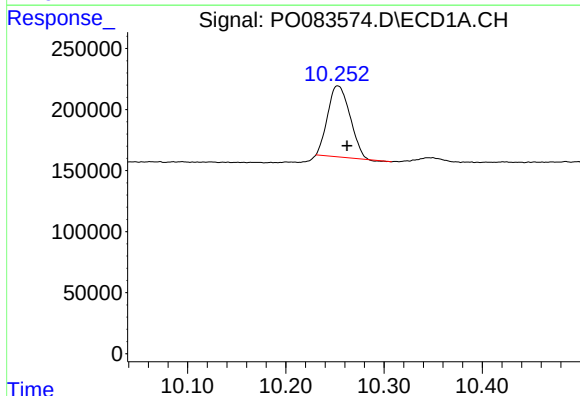
R.T.: 9.557 min
Delta R.T.: -0.026 min
Response: 1428750
Conc: 734.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



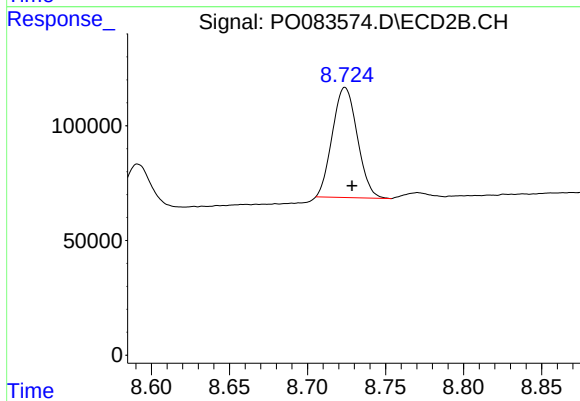
#39 AR-1262-4

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 1526640
Conc: 453.82 ng/ml



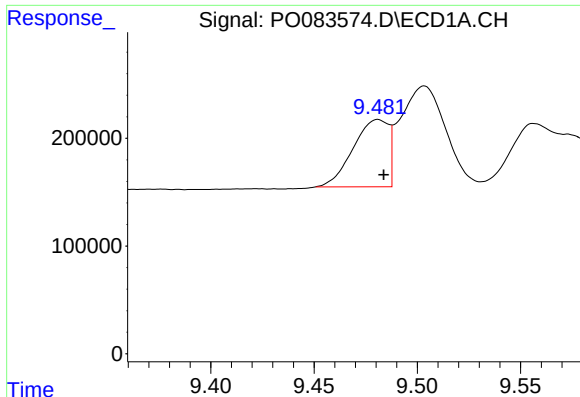
#40 AR-1262-5

R.T.: 10.253 min
Delta R.T.: -0.009 min
Response: 913810
Conc: 332.63 ng/ml



#40 AR-1262-5

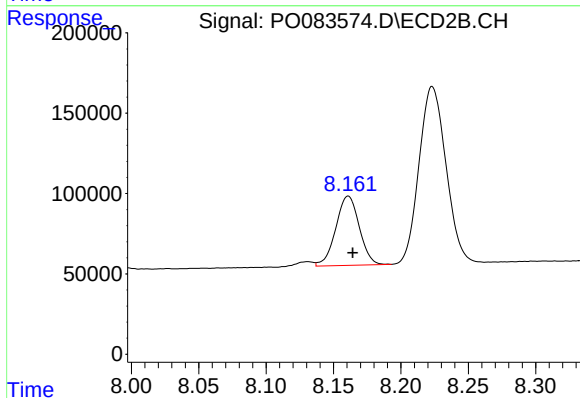
R.T.: 8.724 min
Delta R.T.: -0.005 min
Response: 534038
Conc: 343.06 ng/ml



#41 AR-1268-1

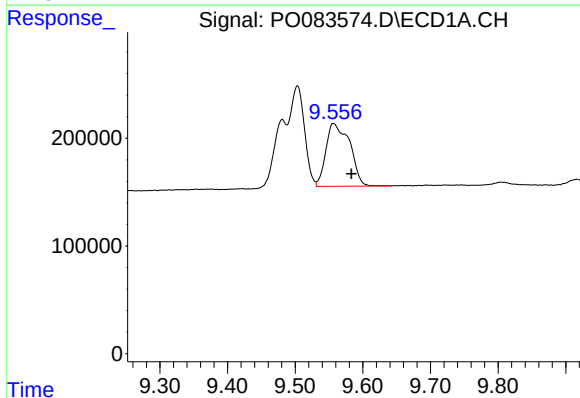
R.T.: 9.481 min
Delta R.T.: -0.003 min
Response: 744943
Conc: 84.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



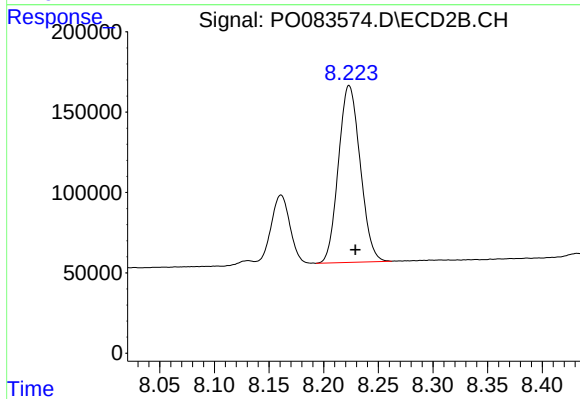
#41 AR-1268-1

R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 525087
Conc: 93.86 ng/ml



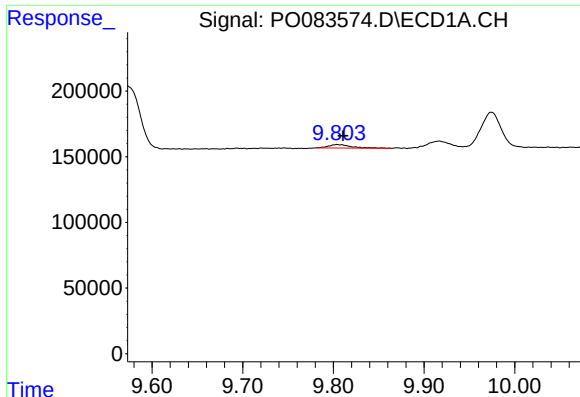
#42 AR-1268-2

R.T.: 9.557 min
Delta R.T.: -0.026 min
Response: 1428750
Conc: 172.95 ng/ml



#42 AR-1268-2

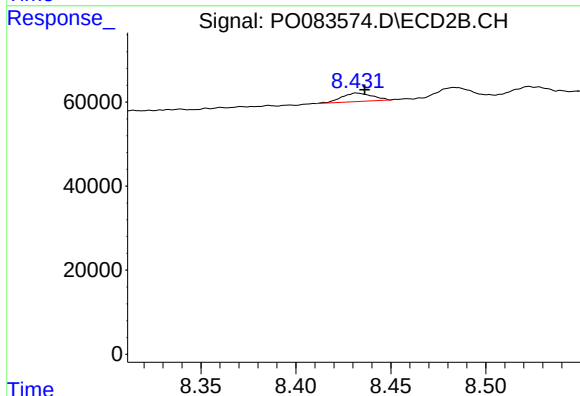
R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 1526640
Conc: 312.71 ng/ml



#43 AR-1268-3

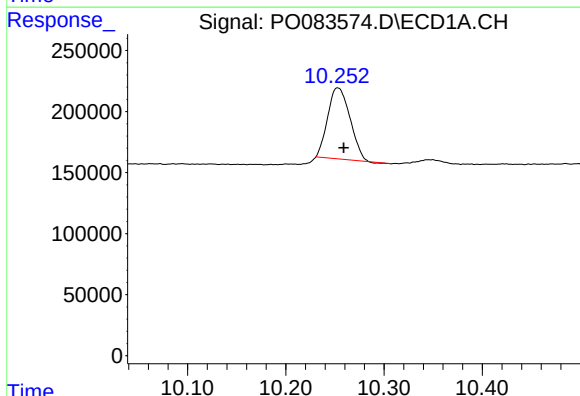
R.T.: 9.804 min
Delta R.T.: -0.006 min
Response: 46156
Conc: 6.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



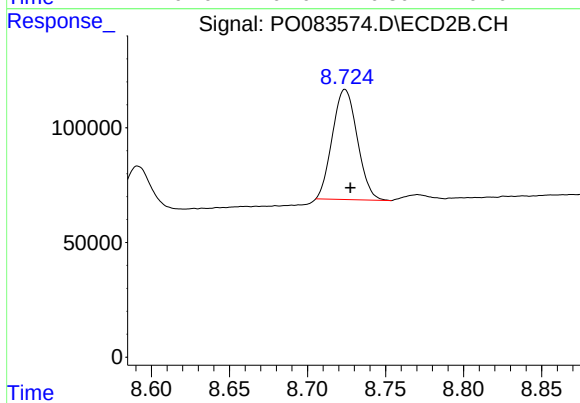
#43 AR-1268-3

R.T.: 8.432 min
Delta R.T.: -0.004 min
Response: 22570
Conc: 5.36 ng/ml



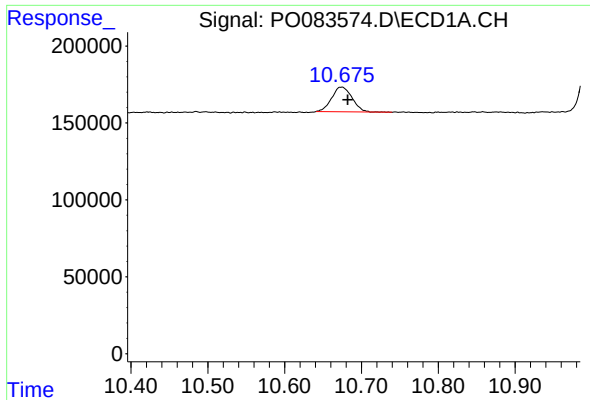
#44 AR-1268-4

R.T.: 10.253 min
Delta R.T.: -0.006 min
Response: 913810
Conc: 310.81 ng/ml



#44 AR-1268-4

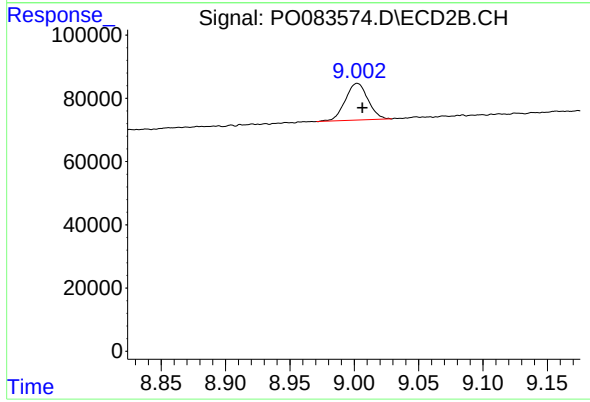
R.T.: 8.724 min
Delta R.T.: -0.003 min
Response: 534038
Conc: 309.65 ng/ml



#45 AR-1268-5

R.T.: 10.674 min
Delta R.T.: -0.008 min
Response: 296108
Conc: 12.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.002 min
Delta R.T.: -0.004 min
Response: 142966
Conc: 11.68 ng/ml