

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060821\
 Data File : P0078548.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Jun 2021 13:14
 Operator : DD\AJ
 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: Jun 09 02:26:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 08 05:39:51 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...	4.338	3.612	3866324	1511766	50.619	47.852
2)	SA Decachlor...	9.948	8.798	2175322	1350189	53.648	56.152
Target Compounds							
3)	L1 AR-1016-1	5.635	4.840	1163818	506931	497.031	484.592
4)	L1 AR-1016-2	5.657	4.859	1765096	744277	489.589	471.449
5)	L1 AR-1016-3	5.721	5.046	1096668	389370	501.458	486.242
6)	L1 AR-1016-4	5.826	5.099	878026	345564	500.447	489.328
7)	L1 AR-1016-5	6.137	5.323	872133	420675	502.720	482.308
8)	L2 AR-1221-1	4.585	3.863	113590	50811	135.805	133.437
9)	L2 AR-1221-2	4.684	3.960	166693	75498	275.215	268.457
10)	L2 AR-1221-3	4.770	4.046	657866	290018	331.943	321.968
11)	L3 AR-1232-1	4.770	4.046	657866	290018	429.705	398.913
12)	L3 AR-1232-2	5.344	4.859	924756	744277	1189.584	1080.237
13)	L3 AR-1232-3	5.657	5.046	1765096	389370	1210.488	1136.996
14)	L3 AR-1232-4	5.826	5.142	878026	402160	1251.420	1307.801
15)	L3 AR-1232-5	5.925	5.323	719535	420675	1428.388	1206.773
16)	L4 AR-1242-1	5.635	4.840	1163818	506931	644.313	602.716
17)	L4 AR-1242-2	5.657	4.859	1765096	744277	657.985	604.983
18)	L4 AR-1242-3	5.721	5.046	1096668	389370	666.190	613.992
19)	L4 AR-1242-4	5.826	5.142	878026	402160	651.914	614.644
20)	L4 AR-1242-5	6.598	5.696	114556	311171	85.594	378.447 #
21)	L5 AR-1248-1	5.635	4.840	1163818	506931	855.999	784.387
22)	L5 AR-1248-2	5.925	5.099	719535	345564	370.568	354.399
23)	L5 AR-1248-3	6.137	5.142	872133	402160	385.899	414.509
24)	L5 AR-1248-4	6.559	5.323	148038	420675	62.486	363.169 #
25)	L5 AR-1248-5	6.598	5.738	114556	48158	49.226	43.924
26)	L6 AR-1254-1	6.528	5.696	574258	311171	226.921	180.291
27)	L6 AR-1254-2	6.755	5.854	635132	283736	159.937	176.949
28)	L6 AR-1254-3	7.131	6.285	351983	556847	84.741	232.737 #
29)	L6 AR-1254-4	7.422	6.505	239891	75639	81.587	51.687 #
30)	L6 AR-1254-5	7.846	6.927	1935115	983821	603.508	431.525 #
31)	L7 AR-1260-1	7.296	6.401	1471302	751794	501.804	473.824
32)	L7 AR-1260-2	7.560	6.599	1694600	902038	515.137	484.312
33)	L7 AR-1260-3	7.921	6.749	1274923	842423	538.395	474.773
34)	L7 AR-1260-4	8.147	7.226	1423036	713338	553.286	486.799
35)	L7 AR-1260-5	8.460	7.474	2612364	1617972	513.712	463.700
36)	L8 AR-1262-1	7.921	6.927	1274923	983821	325.920	823.544 #
37)	L8 AR-1262-2	8.460	7.474	2612364	1617972	408.327	412.556
38)	L8 AR-1262-3	8.749f	7.756	1713850	403110	410.355	244.887 #
39)	L8 AR-1262-4	8.810	7.818	428939	1247663	138.415	414.775 #
40)	L8 AR-1262-5	9.356	8.313	673279	459314	355.328	338.443
41)	L9 AR-1268-1	8.749f	7.756	1713850	403110	238.939	88.752 #

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 Acq On : 08 Jun 2021 13:14
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

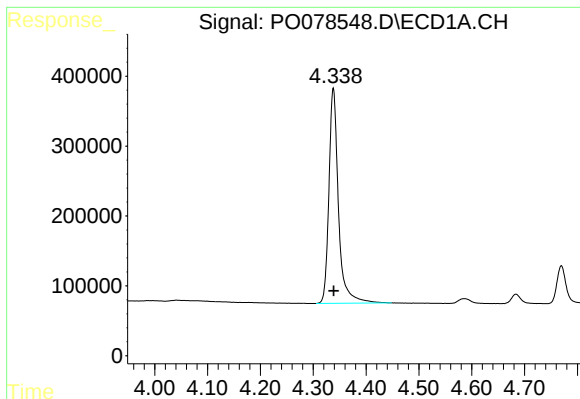
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 02:26:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060721.M
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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	8.810	7.818	428939	1247663	67.330	304.685 #
43) L9	AR-1268-3	8.995	8.021	38858	21938	7.482	6.288
44) L9	AR-1268-4	9.356	8.313	673279	459314	340.100	312.919
45) L9	AR-1268-5	9.686	8.582	186024	128677	12.091	12.423

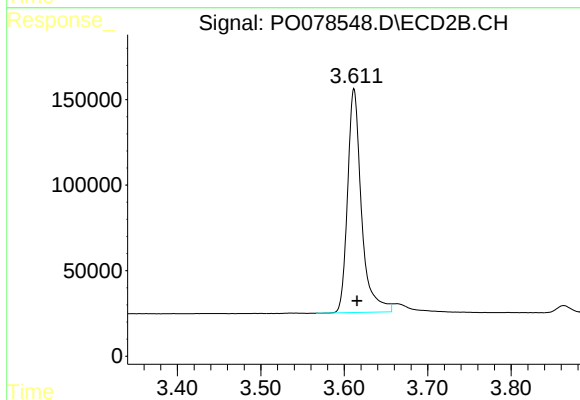
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

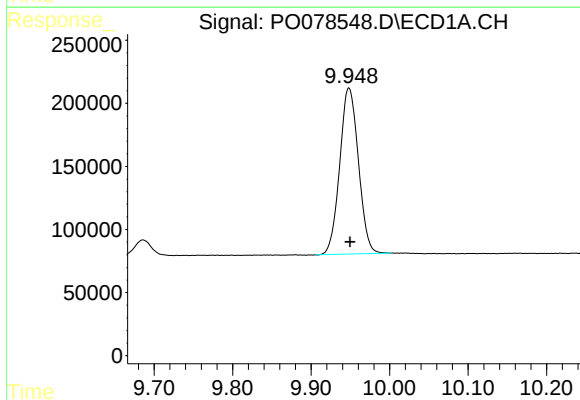
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 3866324
Conc: 50.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



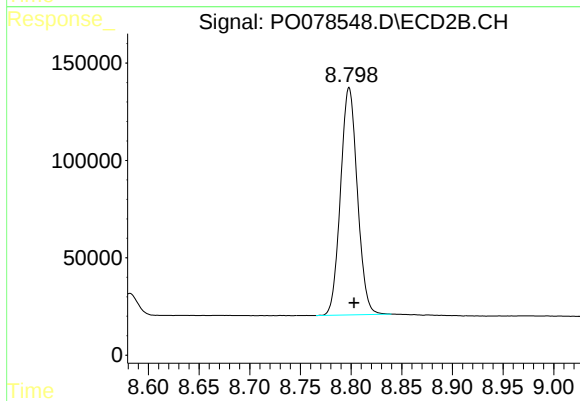
#1 Tetrachloro-m-xylene

R.T.: 3.612 min
Delta R.T.: -0.003 min
Response: 1511766
Conc: 47.85 ng/ml



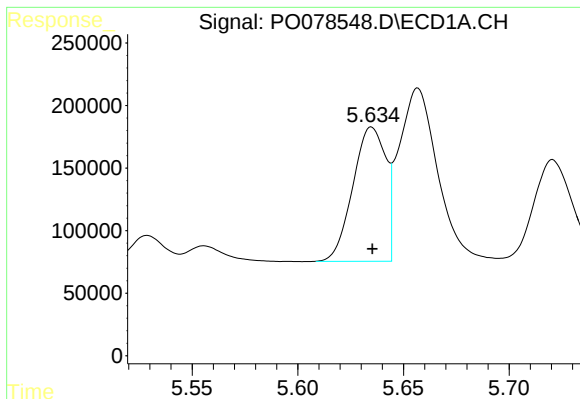
#2 Decachlorobiphenyl

R.T.: 9.948 min
Delta R.T.: -0.002 min
Response: 2175322
Conc: 53.65 ng/ml



#2 Decachlorobiphenyl

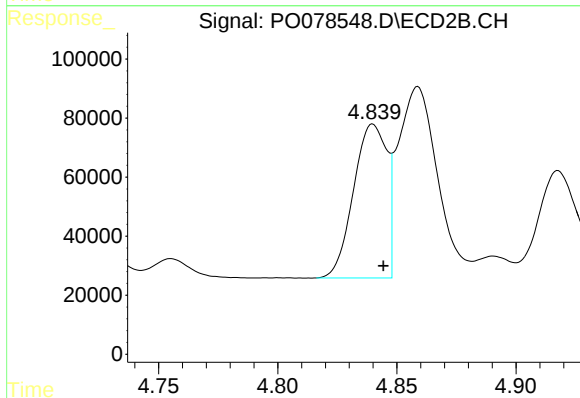
R.T.: 8.798 min
Delta R.T.: -0.005 min
Response: 1350189
Conc: 56.15 ng/ml



#3 AR-1016-1

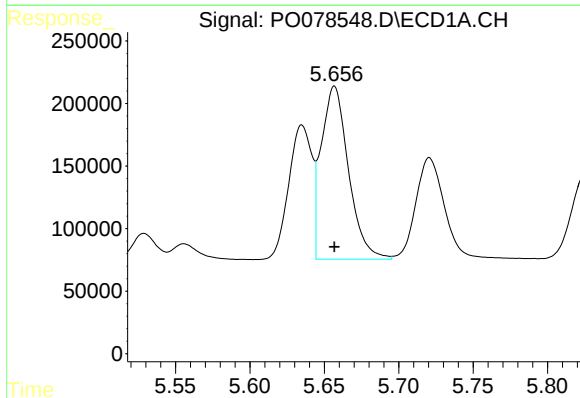
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 1163818
Conc: 497.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



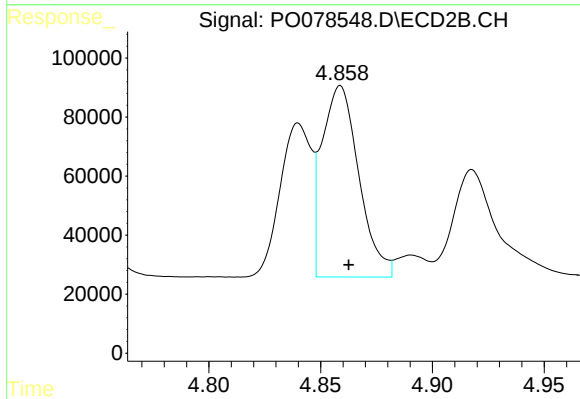
#3 AR-1016-1

R.T.: 4.840 min
Delta R.T.: -0.004 min
Response: 506931
Conc: 484.59 ng/ml



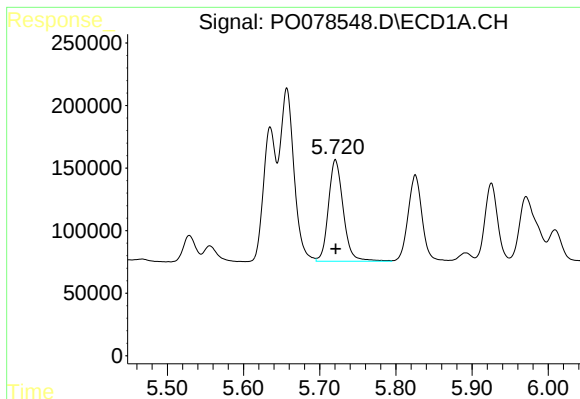
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1765096
Conc: 489.59 ng/ml



#4 AR-1016-2

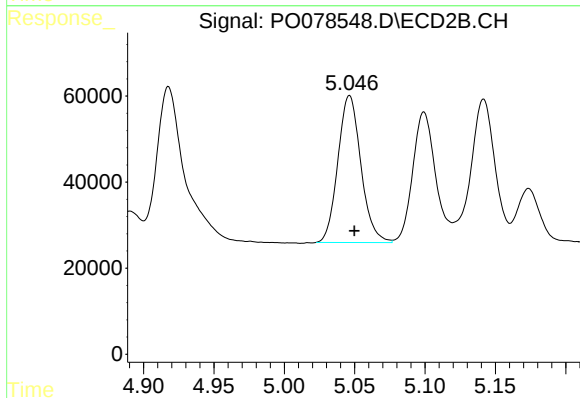
R.T.: 4.859 min
Delta R.T.: -0.004 min
Response: 744277
Conc: 471.45 ng/ml



#5 AR-1016-3

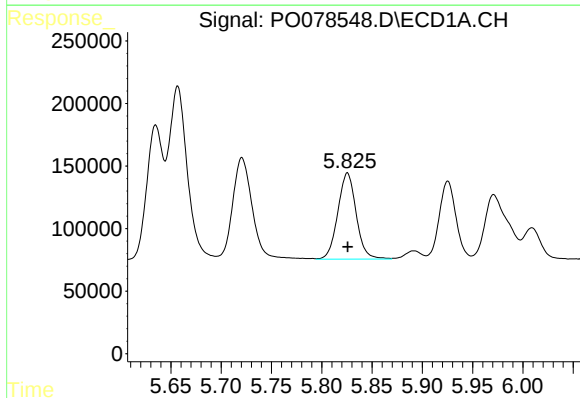
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 1096668
Conc: 501.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



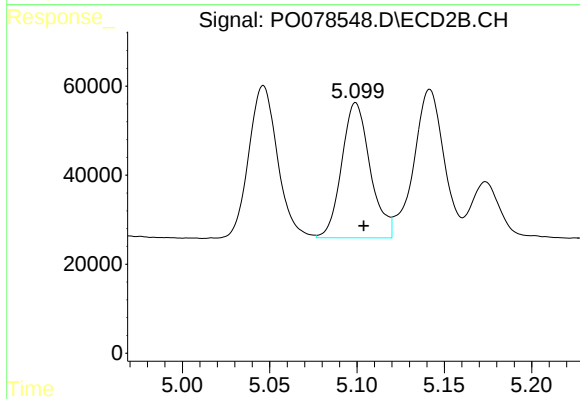
#5 AR-1016-3

R.T.: 5.046 min
Delta R.T.: -0.003 min
Response: 389370
Conc: 486.24 ng/ml



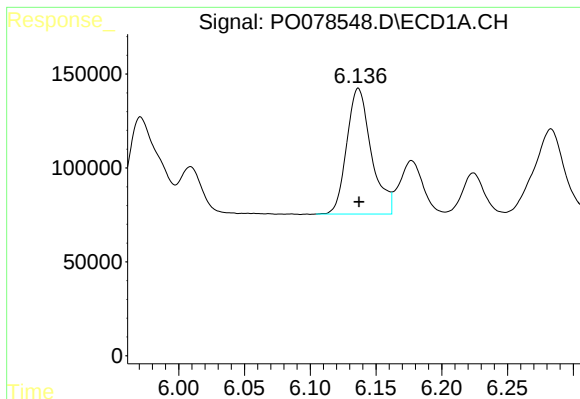
#6 AR-1016-4

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 878026
Conc: 500.45 ng/ml



#6 AR-1016-4

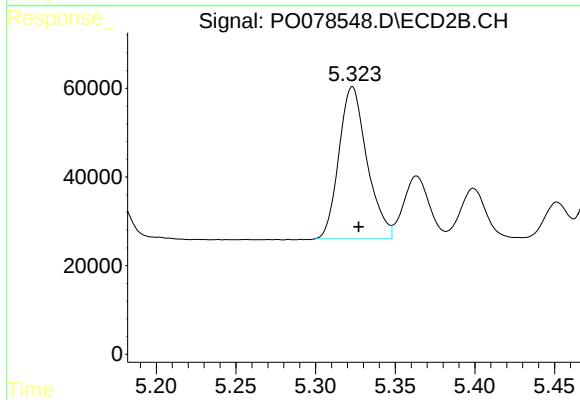
R.T.: 5.099 min
Delta R.T.: -0.005 min
Response: 345564
Conc: 489.33 ng/ml



#7 AR-1016-5

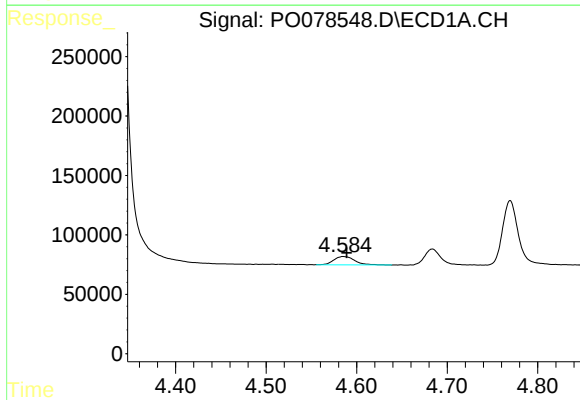
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 872133
Conc: 502.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



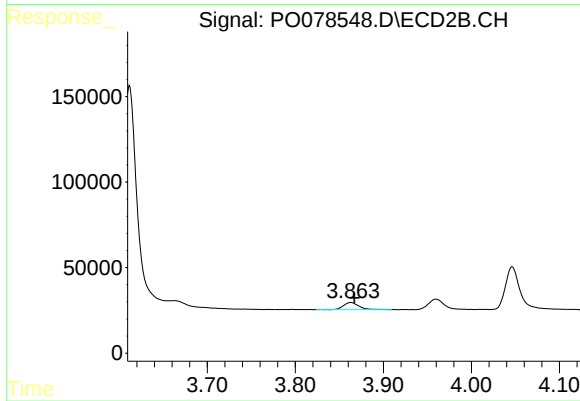
#7 AR-1016-5

R.T.: 5.323 min
Delta R.T.: -0.004 min
Response: 420675
Conc: 482.31 ng/ml



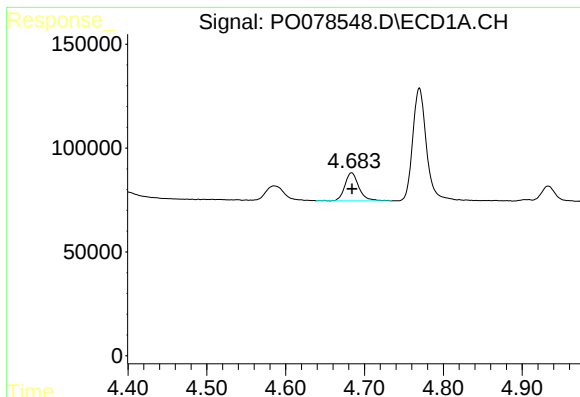
#8 AR-1221-1

R.T.: 4.585 min
Delta R.T.: -0.004 min
Response: 113590
Conc: 135.80 ng/ml



#8 AR-1221-1

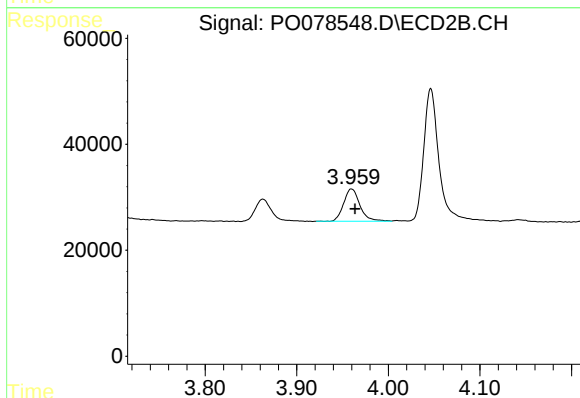
R.T.: 3.863 min
Delta R.T.: -0.004 min
Response: 50811
Conc: 133.44 ng/ml



#9 AR-1221-2

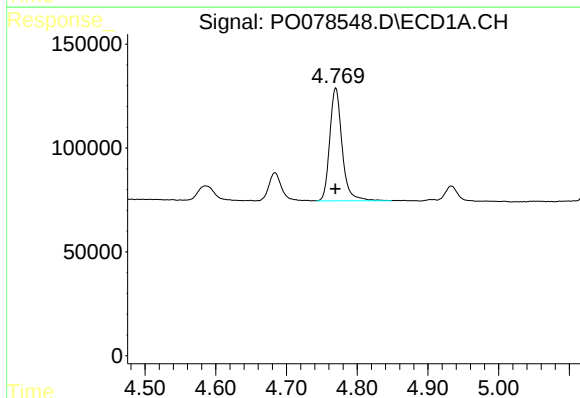
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 166693
Conc: 275.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



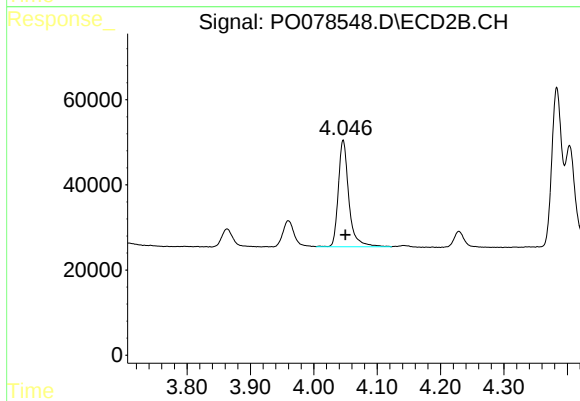
#9 AR-1221-2

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 75498
Conc: 268.46 ng/ml



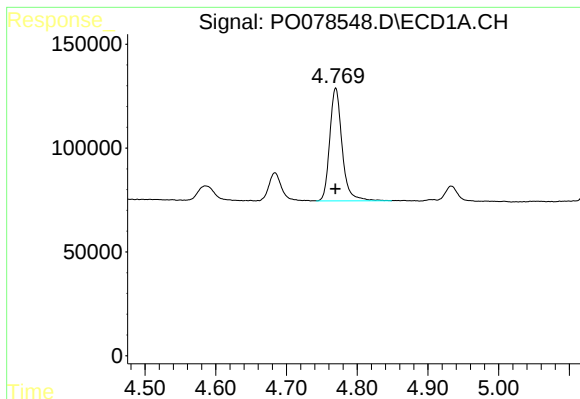
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 657866
Conc: 331.94 ng/ml



#10 AR-1221-3

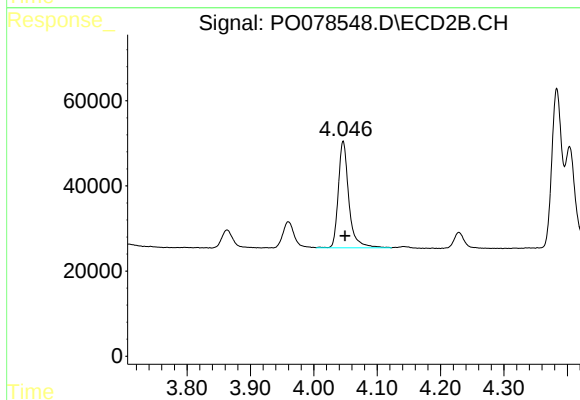
R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 290018
Conc: 321.97 ng/ml



#11 AR-1232-1

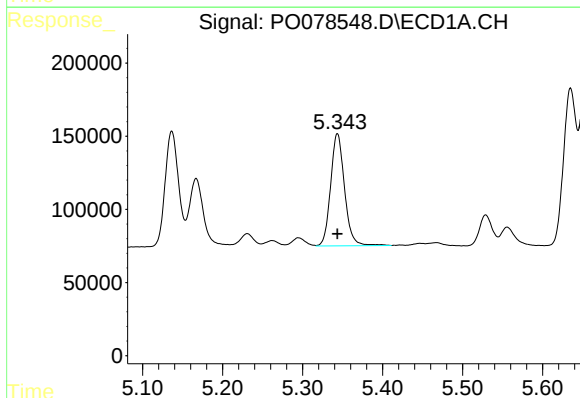
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 657866
Conc: 429.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



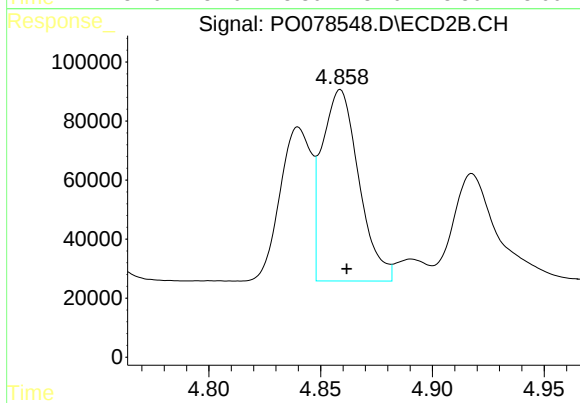
#11 AR-1232-1

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 290018
Conc: 398.91 ng/ml



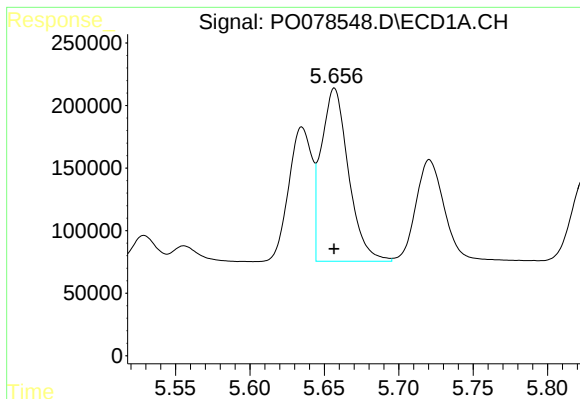
#12 AR-1232-2

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 924756
Conc: 1189.58 ng/ml



#12 AR-1232-2

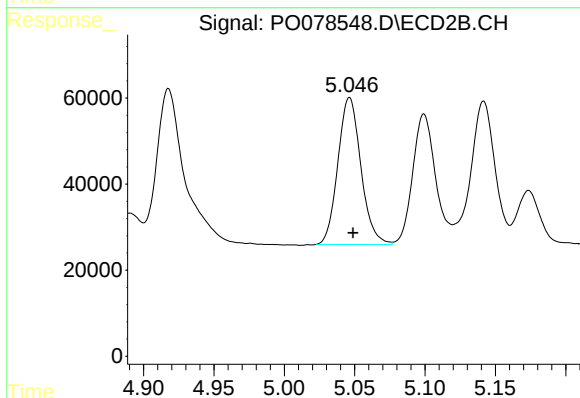
R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 744277
Conc: 1080.24 ng/ml



#13 AR-1232-3

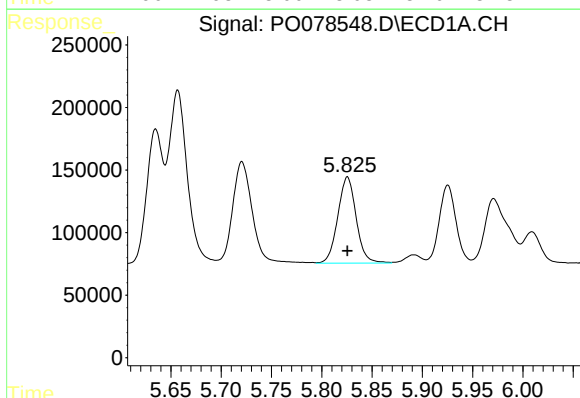
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1765096
Conc: 1210.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



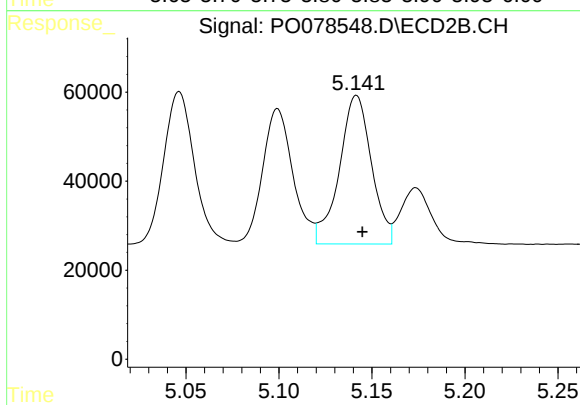
#13 AR-1232-3

R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 389370
Conc: 1137.00 ng/ml



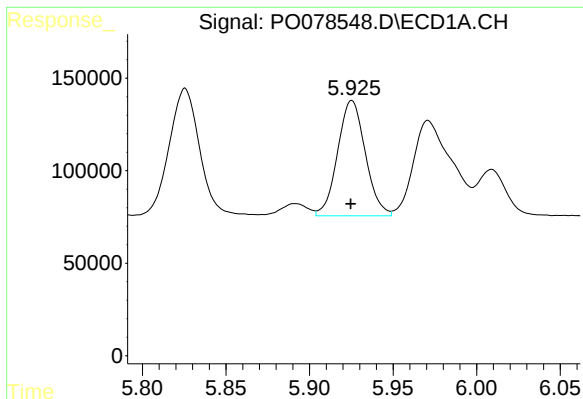
#14 AR-1232-4

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 878026
Conc: 1251.42 ng/ml



#14 AR-1232-4

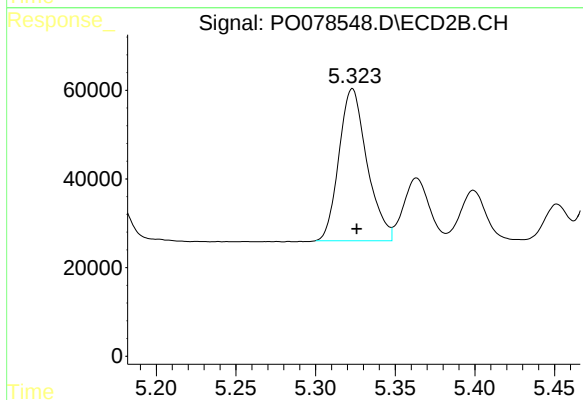
R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 402160
Conc: 1307.80 ng/ml



#15 AR-1232-5

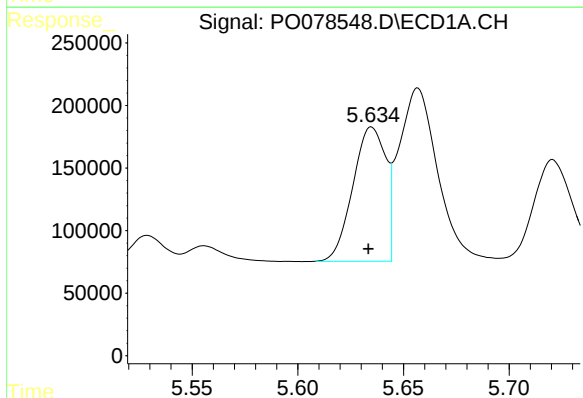
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 719535
Conc: 1428.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



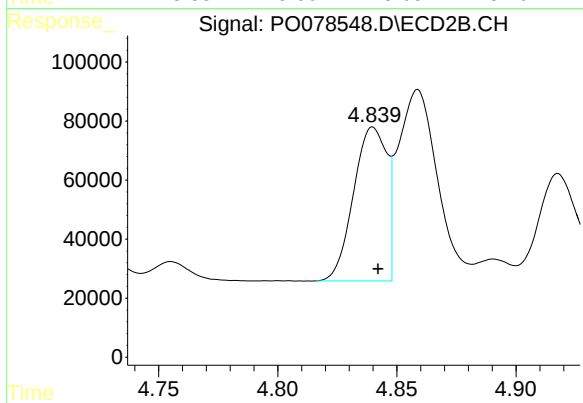
#15 AR-1232-5

R.T.: 5.323 min
Delta R.T.: -0.003 min
Response: 420675
Conc: 1206.77 ng/ml



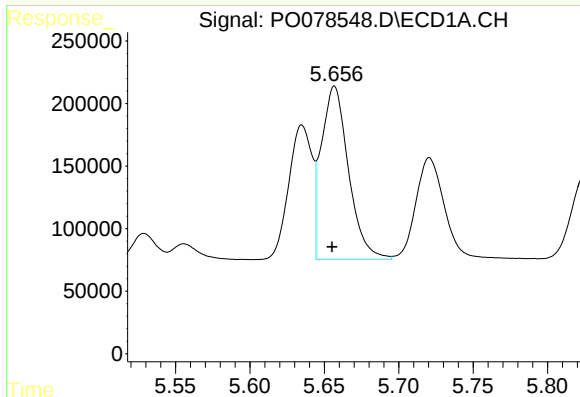
#16 AR-1242-1

R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 1163818
Conc: 644.31 ng/ml



#16 AR-1242-1

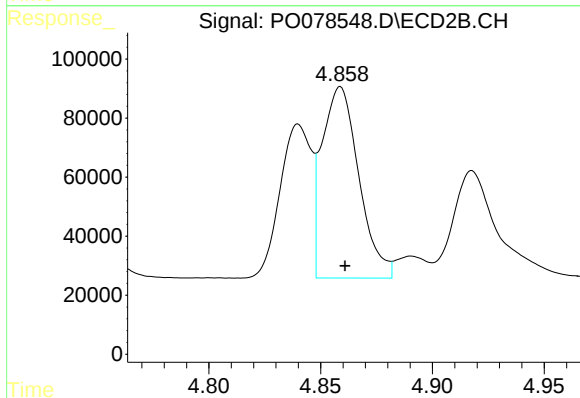
R.T.: 4.840 min
Delta R.T.: -0.002 min
Response: 506931
Conc: 602.72 ng/ml



#17 AR-1242-2

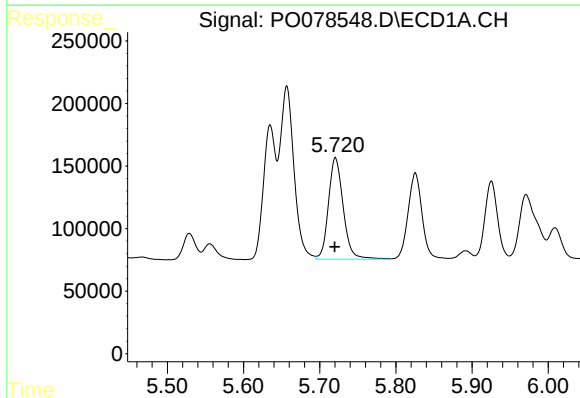
R.T.: 5.657 min
Delta R.T.: 0.002 min
Response: 1765096
Conc: 657.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



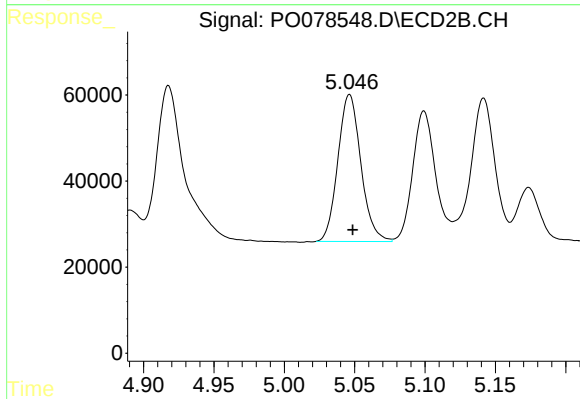
#17 AR-1242-2

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 744277
Conc: 604.98 ng/ml



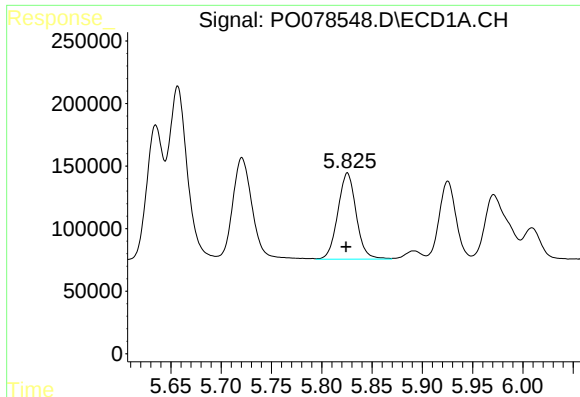
#18 AR-1242-3

R.T.: 5.721 min
Delta R.T.: 0.001 min
Response: 1096668
Conc: 666.19 ng/ml



#18 AR-1242-3

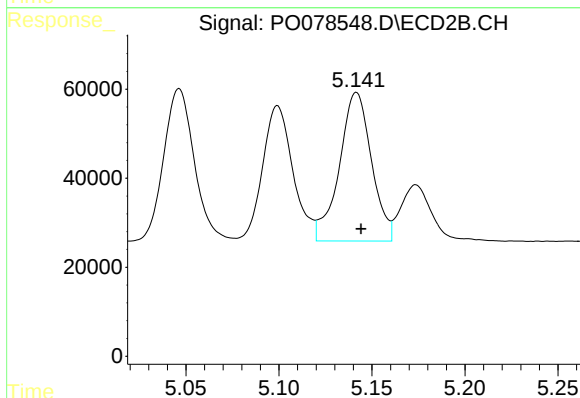
R.T.: 5.046 min
Delta R.T.: -0.002 min
Response: 389370
Conc: 613.99 ng/ml



#19 AR-1242-4

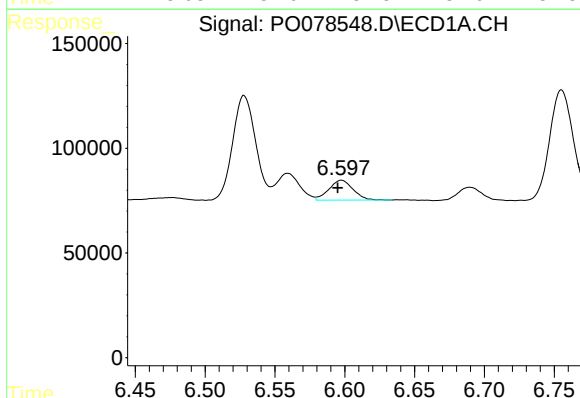
R.T.: 5.826 min
Delta R.T.: 0.001 min
Response: 878026
Conc: 651.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



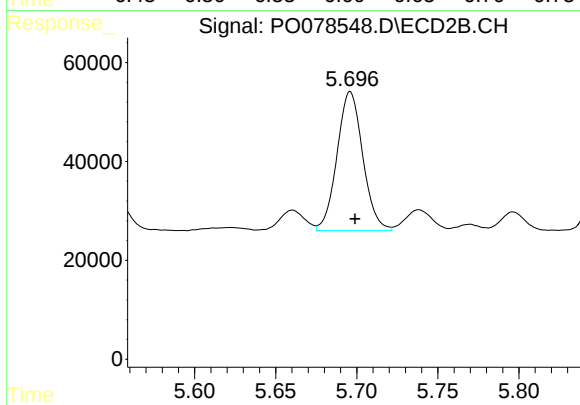
#19 AR-1242-4

R.T.: 5.142 min
Delta R.T.: -0.002 min
Response: 402160
Conc: 614.64 ng/ml



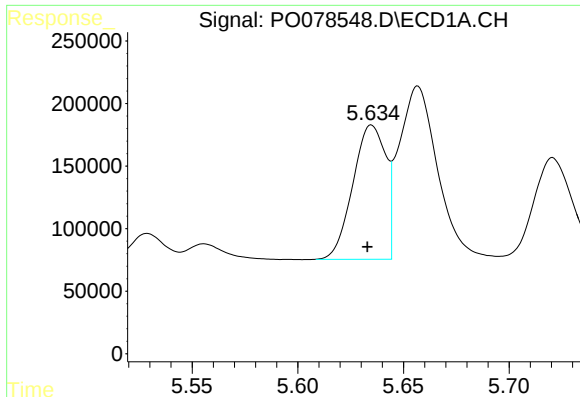
#20 AR-1242-5

R.T.: 6.598 min
Delta R.T.: 0.003 min
Response: 114556
Conc: 85.59 ng/ml



#20 AR-1242-5

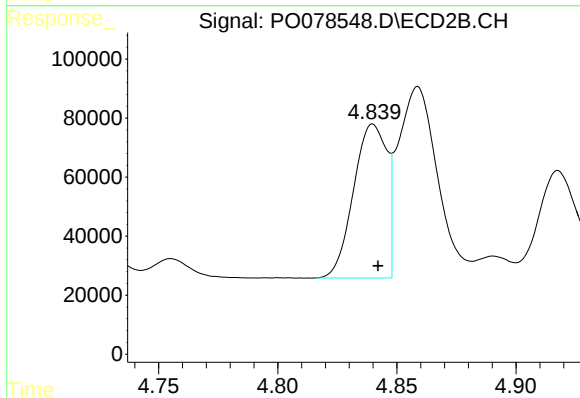
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 311171
Conc: 378.45 ng/ml



#21 AR-1248-1

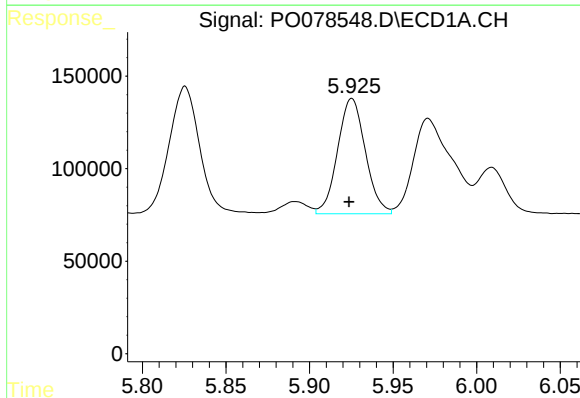
R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 1163818
Conc: 856.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



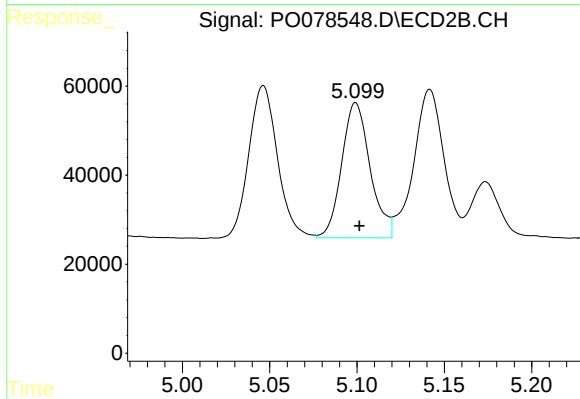
#21 AR-1248-1

R.T.: 4.840 min
Delta R.T.: -0.002 min
Response: 506931
Conc: 784.39 ng/ml



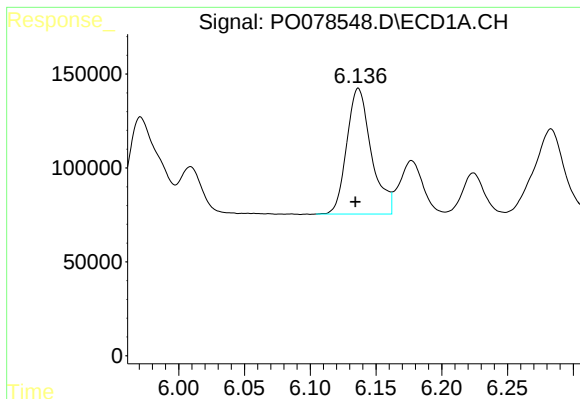
#22 AR-1248-2

R.T.: 5.925 min
Delta R.T.: 0.002 min
Response: 719535
Conc: 370.57 ng/ml



#22 AR-1248-2

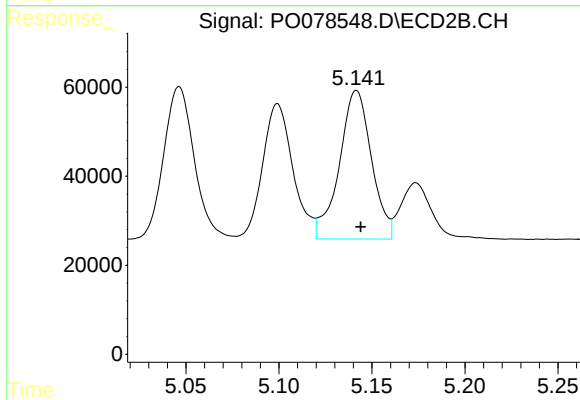
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 345564
Conc: 354.40 ng/ml



#23 AR-1248-3

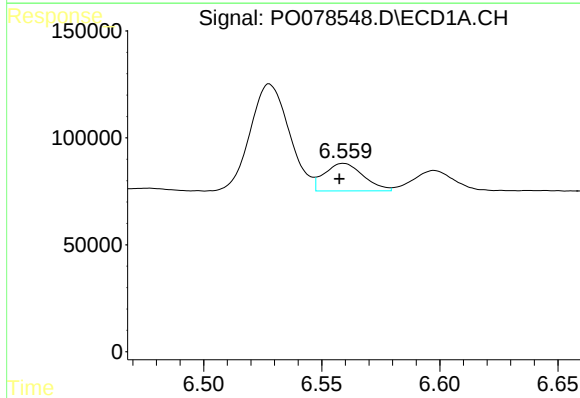
R.T.: 6.137 min
Delta R.T.: 0.002 min
Response: 872133
Conc: 385.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



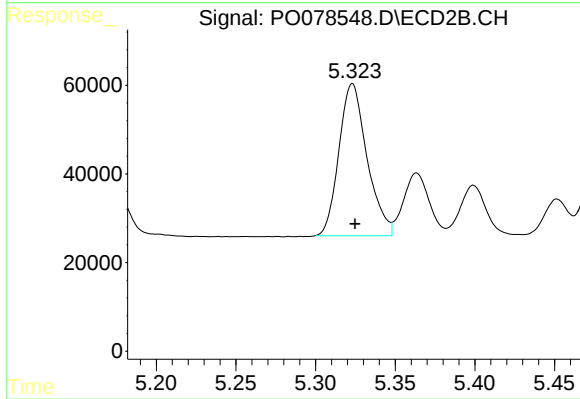
#23 AR-1248-3

R.T.: 5.142 min
Delta R.T.: -0.002 min
Response: 402160
Conc: 414.51 ng/ml



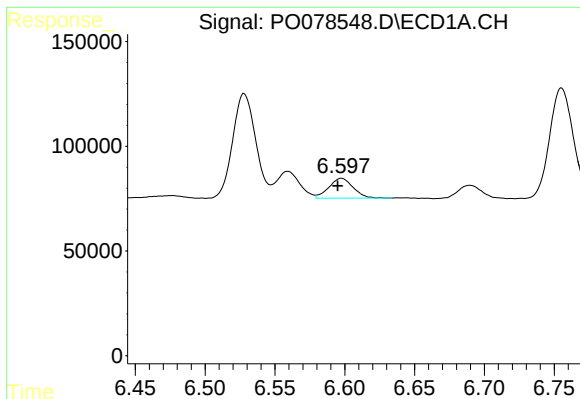
#24 AR-1248-4

R.T.: 6.559 min
Delta R.T.: 0.002 min
Response: 148038
Conc: 62.49 ng/ml



#24 AR-1248-4

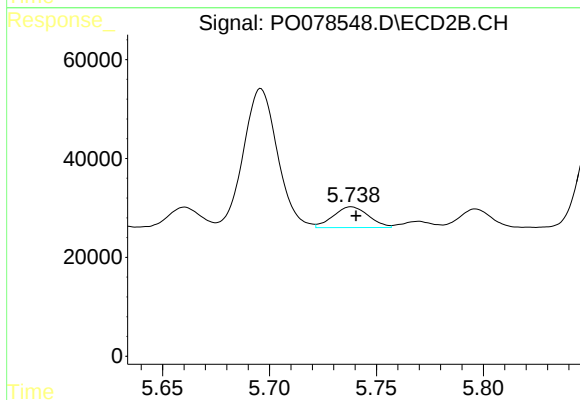
R.T.: 5.323 min
Delta R.T.: -0.002 min
Response: 420675
Conc: 363.17 ng/ml



#25 AR-1248-5

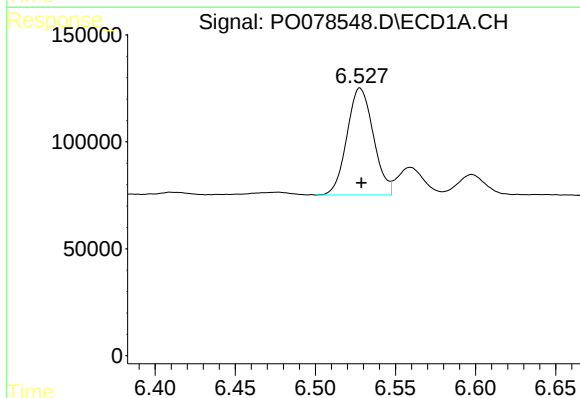
R.T.: 6.598 min
Delta R.T.: 0.003 min
Response: 114556
Conc: 49.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



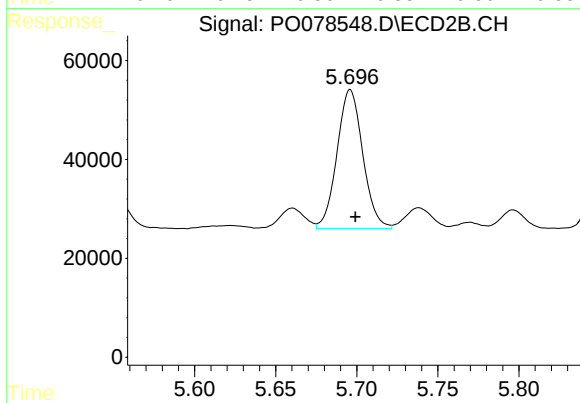
#25 AR-1248-5

R.T.: 5.738 min
Delta R.T.: -0.002 min
Response: 48158
Conc: 43.92 ng/ml



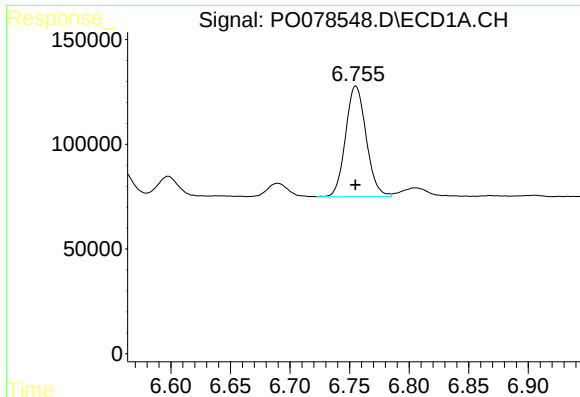
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 574258
Conc: 226.92 ng/ml



#26 AR-1254-1

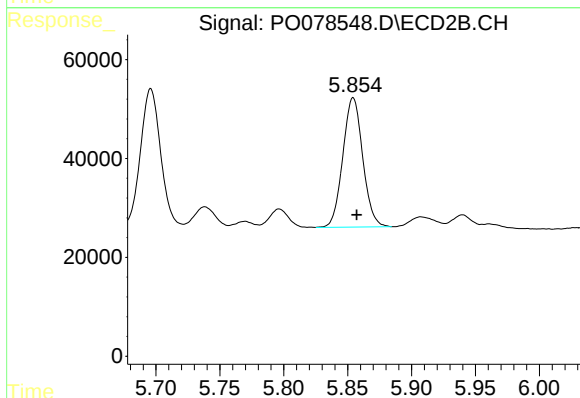
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 311171
Conc: 180.29 ng/ml



#27 AR-1254-2

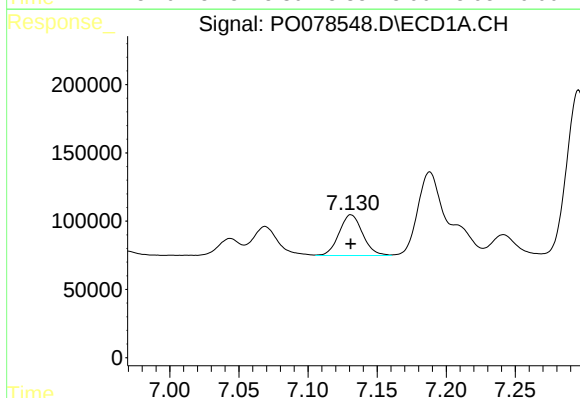
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 635132
Conc: 159.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



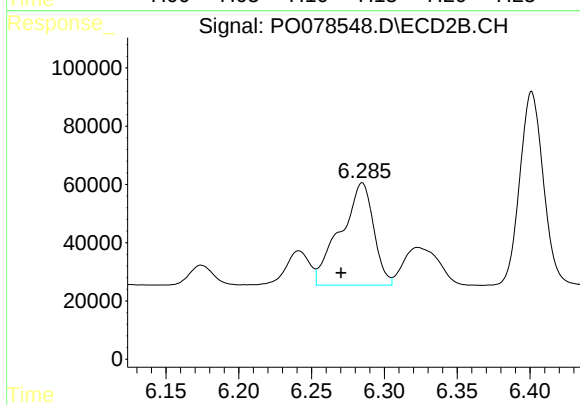
#27 AR-1254-2

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 283736
Conc: 176.95 ng/ml



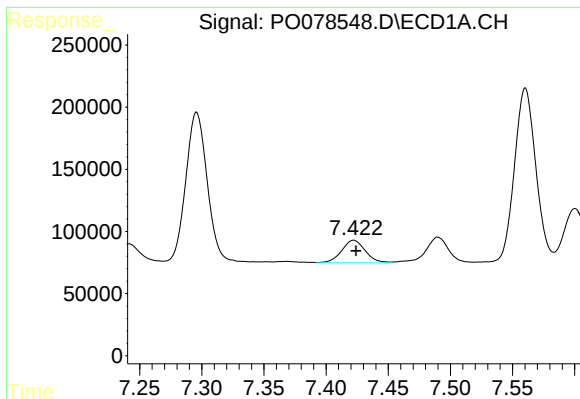
#28 AR-1254-3

R.T.: 7.131 min
Delta R.T.: 0.000 min
Response: 351983
Conc: 84.74 ng/ml



#28 AR-1254-3

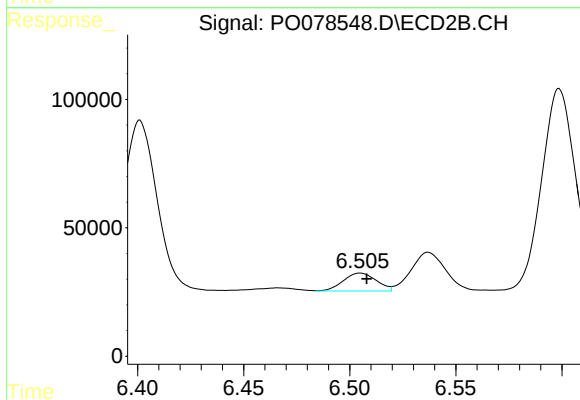
R.T.: 6.285 min
Delta R.T.: 0.015 min
Response: 556847
Conc: 232.74 ng/ml



#29 AR-1254-4

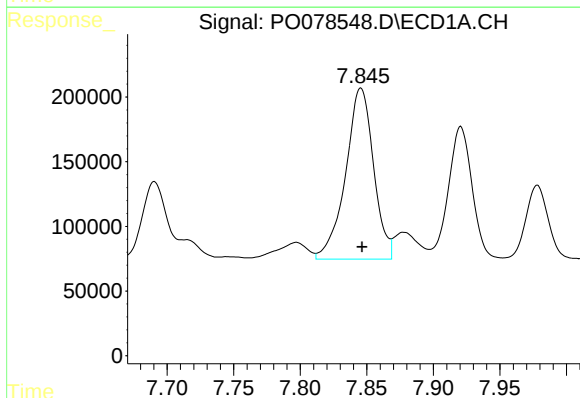
R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 239891
Conc: 81.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



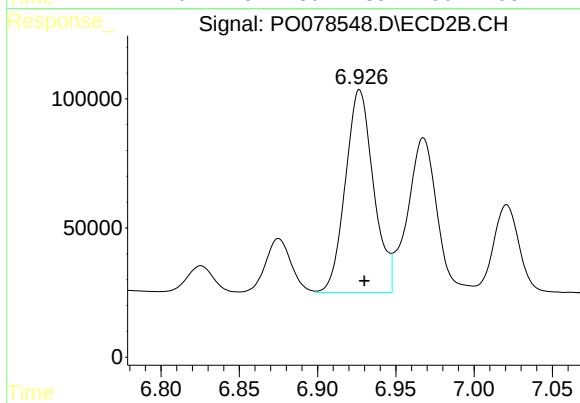
#29 AR-1254-4

R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 75639
Conc: 51.69 ng/ml



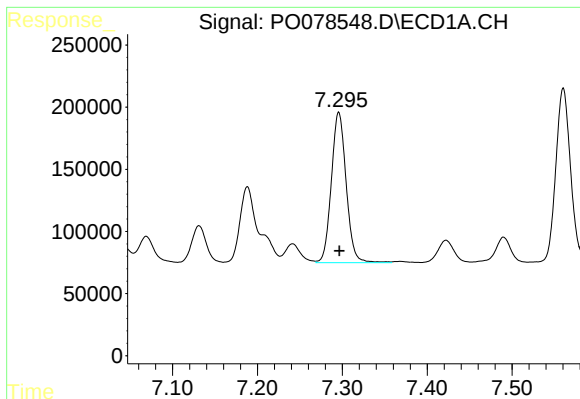
#30 AR-1254-5

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 1935115
Conc: 603.51 ng/ml



#30 AR-1254-5

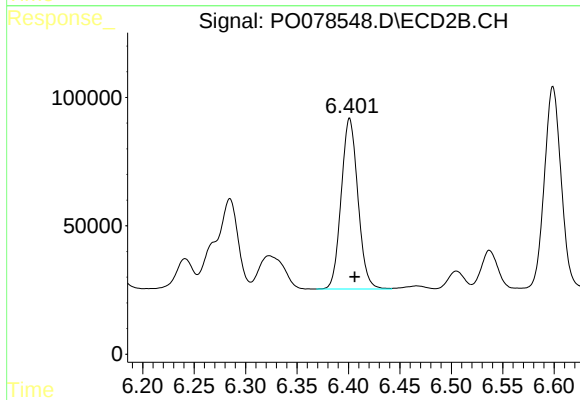
R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 983821
Conc: 431.53 ng/ml



#31 AR-1260-1

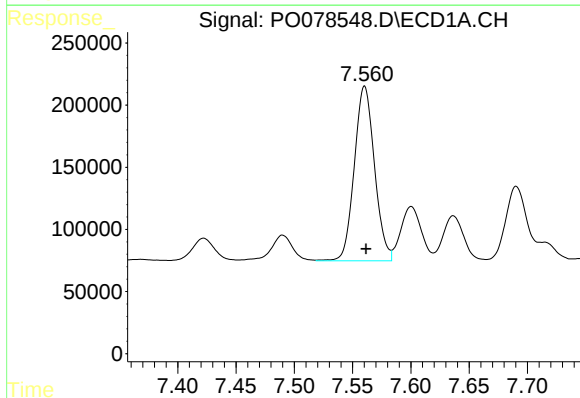
R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 1471302
Conc: 501.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



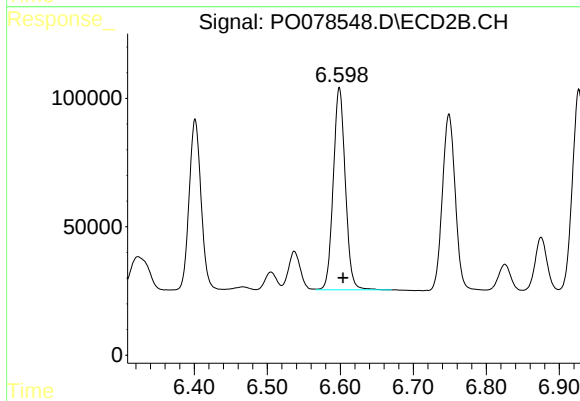
#31 AR-1260-1

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 751794
Conc: 473.82 ng/ml



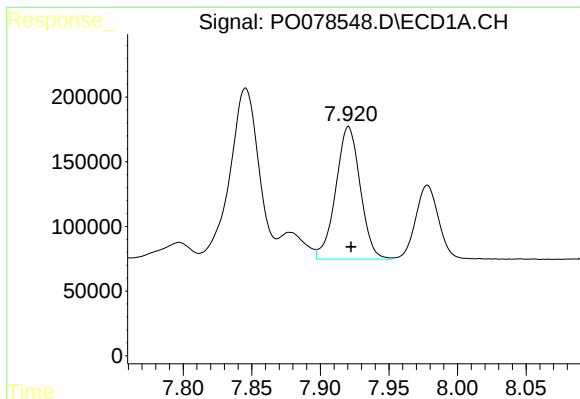
#32 AR-1260-2

R.T.: 7.560 min
Delta R.T.: -0.001 min
Response: 1694600
Conc: 515.14 ng/ml



#32 AR-1260-2

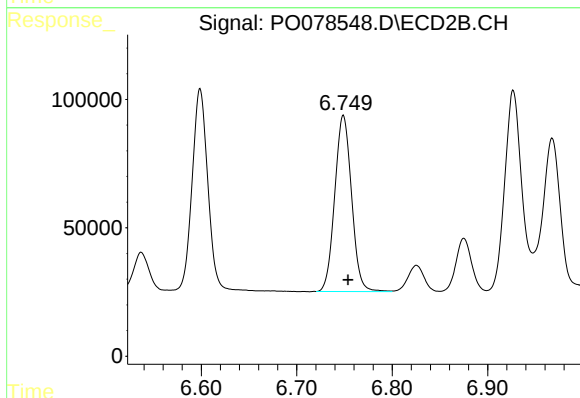
R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 902038
Conc: 484.31 ng/ml



#33 AR-1260-3

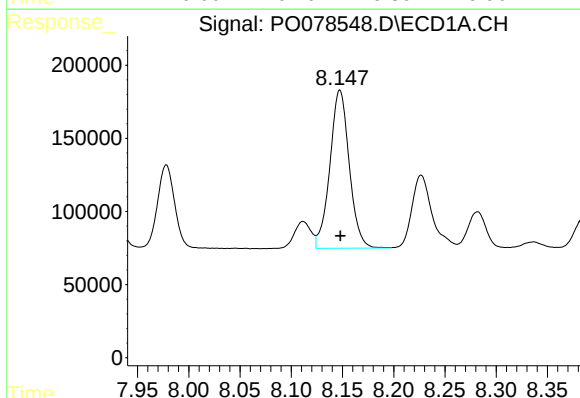
R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 1274923
Conc: 538.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



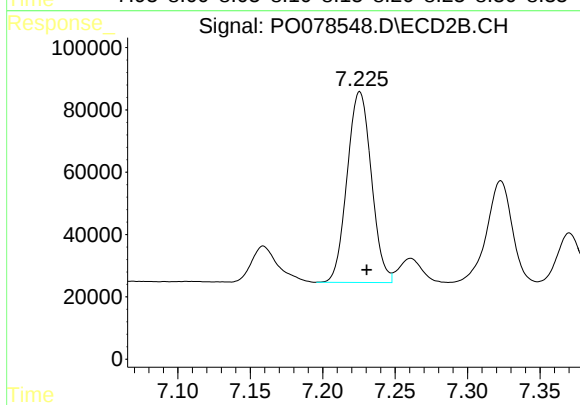
#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 842423
Conc: 474.77 ng/ml



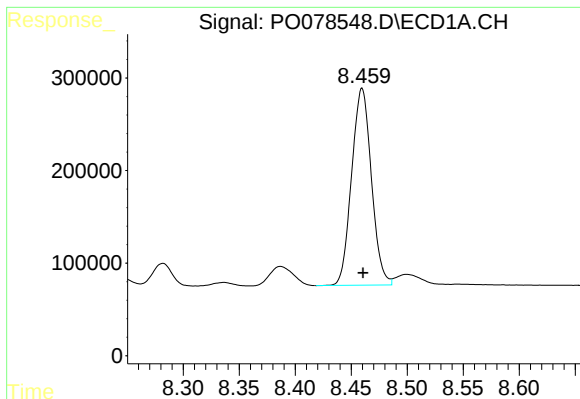
#34 AR-1260-4

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 1423036
Conc: 553.29 ng/ml



#34 AR-1260-4

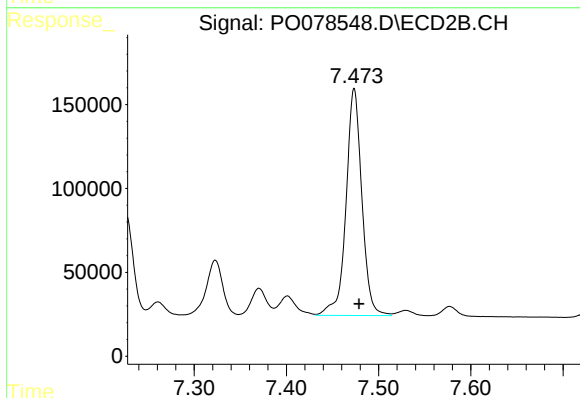
R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 713338
Conc: 486.80 ng/ml



#35 AR-1260-5

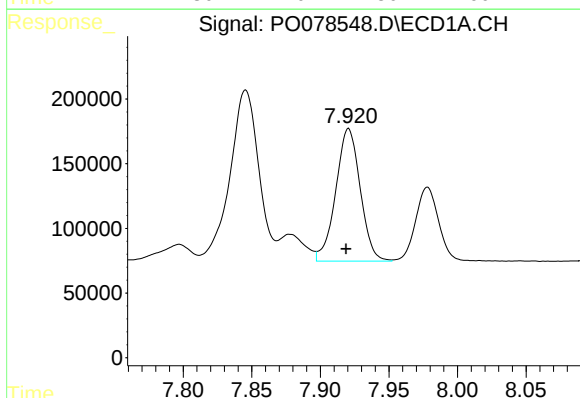
R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 2612364
Conc: 513.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



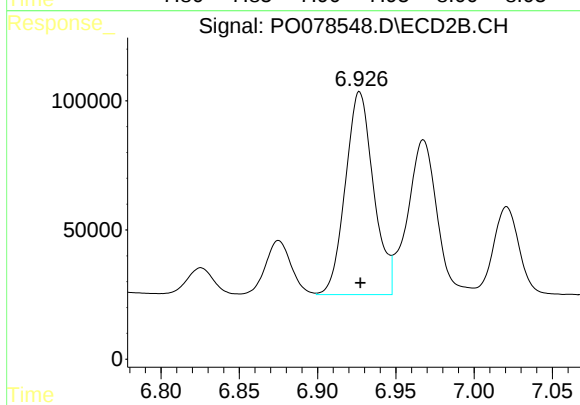
#35 AR-1260-5

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 1617972
Conc: 463.70 ng/ml



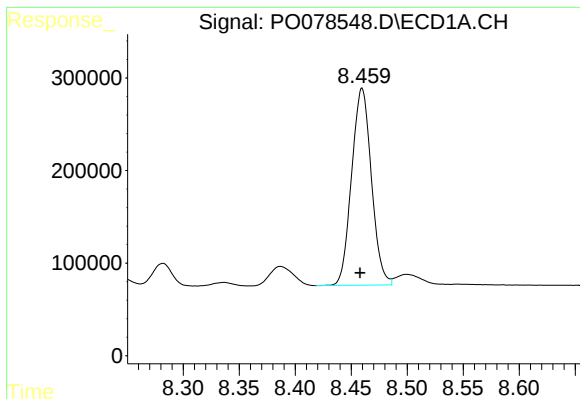
#36 AR-1262-1

R.T.: 7.921 min
Delta R.T.: 0.002 min
Response: 1274923
Conc: 325.92 ng/ml



#36 AR-1262-1

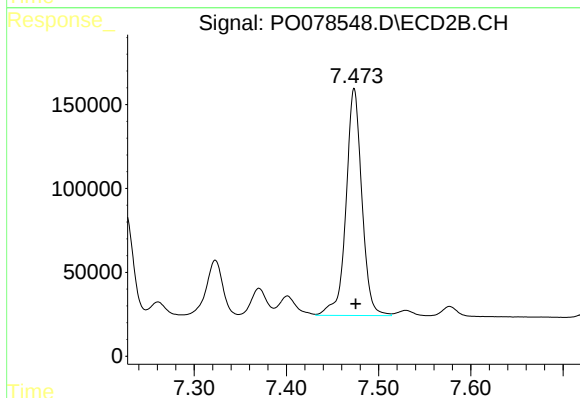
R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 983821
Conc: 823.54 ng/ml



#37 AR-1262-2

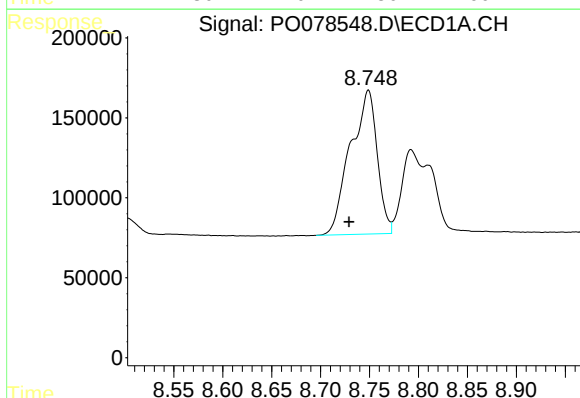
R.T.: 8.460 min
Delta R.T.: 0.002 min
Response: 2612364
Conc: 408.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



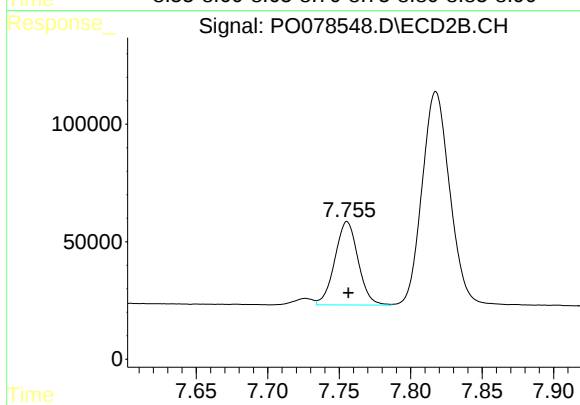
#37 AR-1262-2

R.T.: 7.474 min
Delta R.T.: -0.002 min
Response: 1617972
Conc: 412.56 ng/ml



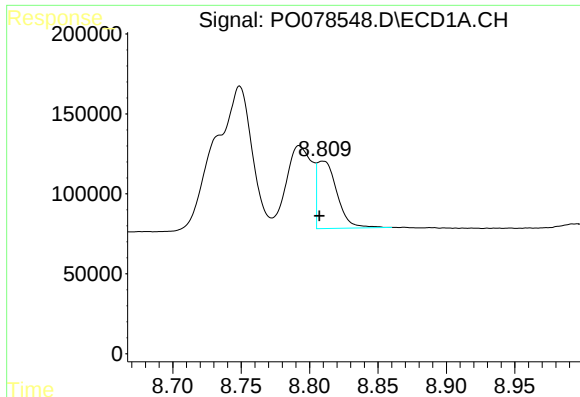
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: 0.020 min
Response: 1713850
Conc: 410.35 ng/ml



#38 AR-1262-3

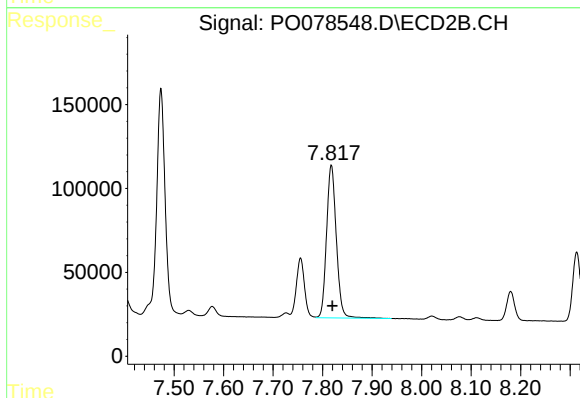
R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 403110
Conc: 244.89 ng/ml



#39 AR-1262-4

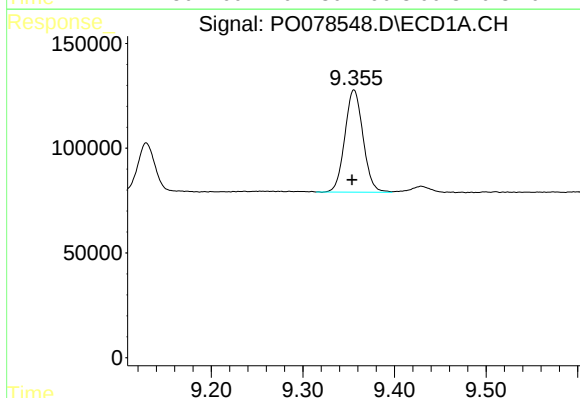
R.T.: 8.810 min
Delta R.T.: 0.003 min
Response: 428939
Conc: 138.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



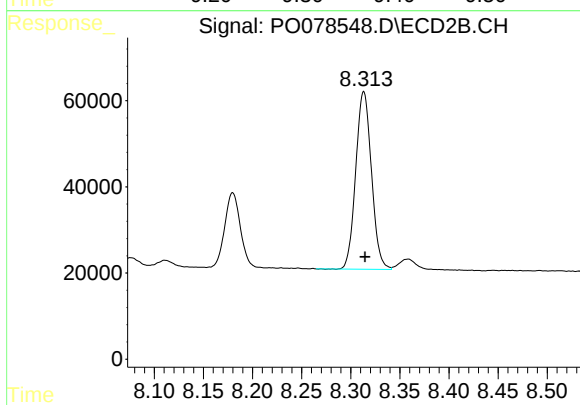
#39 AR-1262-4

R.T.: 7.818 min
Delta R.T.: -0.002 min
Response: 1247663
Conc: 414.78 ng/ml



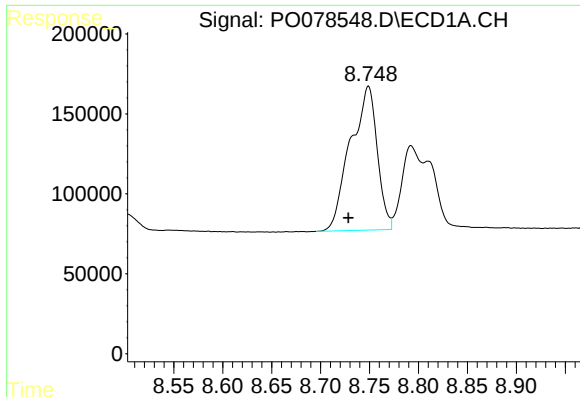
#40 AR-1262-5

R.T.: 9.356 min
Delta R.T.: 0.002 min
Response: 673279
Conc: 355.33 ng/ml



#40 AR-1262-5

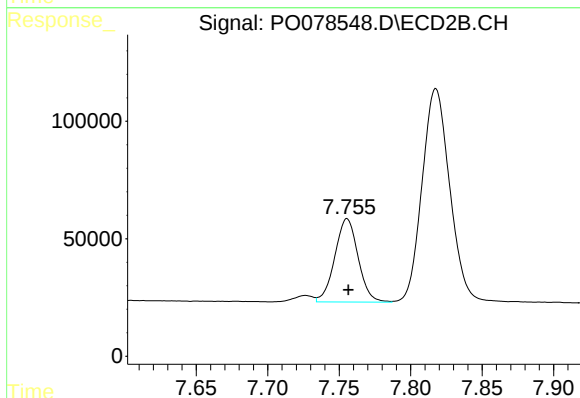
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 459314
Conc: 338.44 ng/ml



#41 AR-1268-1

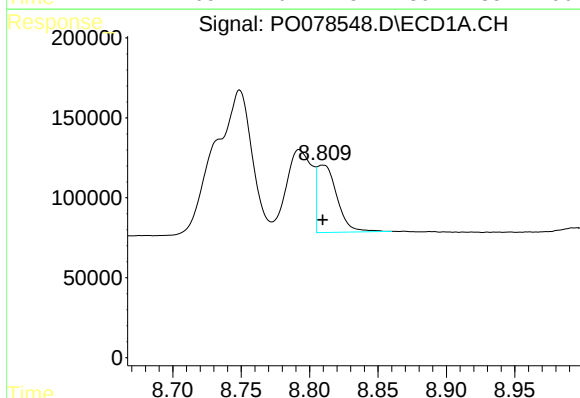
R.T.: 8.749 min
Delta R.T.: 0.020 min
Response: 1713850
Conc: 238.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



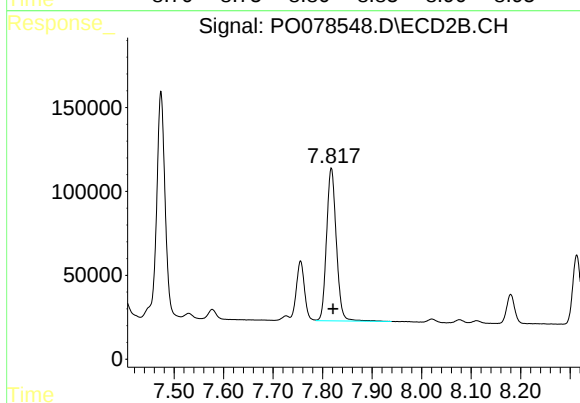
#41 AR-1268-1

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 403110
Conc: 88.75 ng/ml



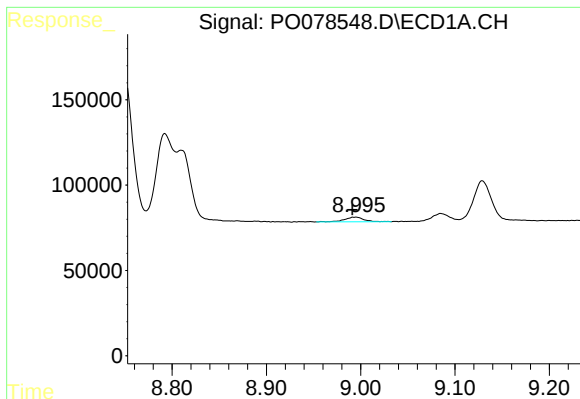
#42 AR-1268-2

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 428939
Conc: 67.33 ng/ml



#42 AR-1268-2

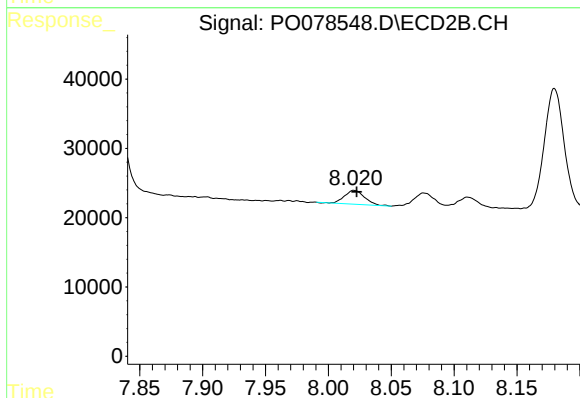
R.T.: 7.818 min
Delta R.T.: -0.003 min
Response: 1247663
Conc: 304.68 ng/ml



#43 AR-1268-3

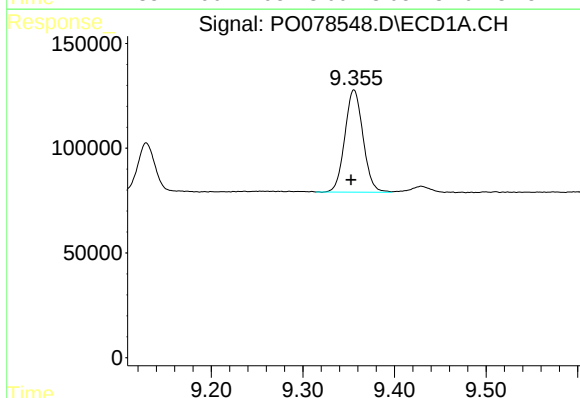
R.T.: 8.995 min
Delta R.T.: 0.003 min
Response: 38858
Conc: 7.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



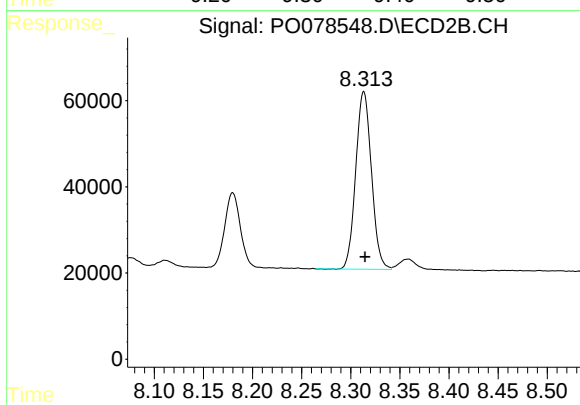
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.002 min
Response: 21938
Conc: 6.29 ng/ml



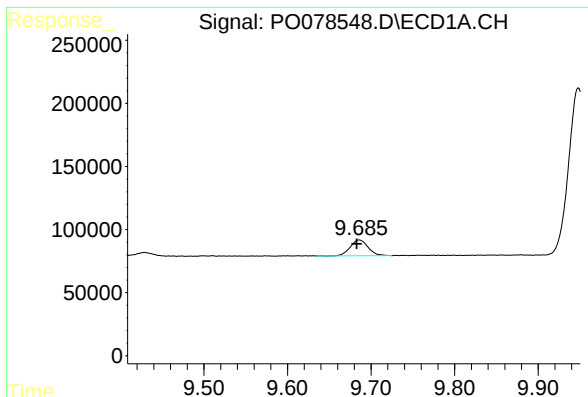
#44 AR-1268-4

R.T.: 9.356 min
Delta R.T.: 0.003 min
Response: 673279
Conc: 340.10 ng/ml



#44 AR-1268-4

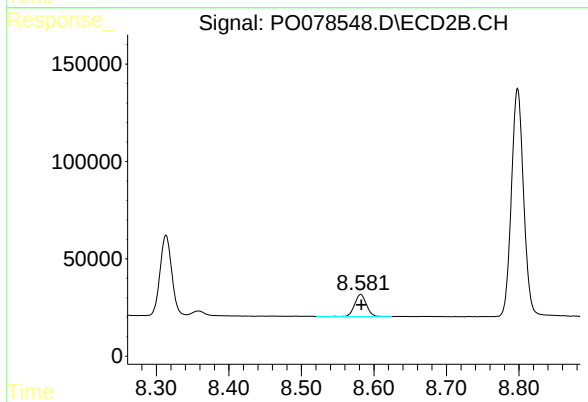
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 459314
Conc: 312.92 ng/ml



#45 AR-1268-5

R.T.: 9.686 min
Delta R.T.: 0.003 min
Response: 186024
Conc: 12.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.582 min
Delta R.T.: -0.001 min
Response: 128677
Conc: 12.42 ng/ml