

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030420\
 Data File : P0066938.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Mar 2020 15:54
 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: Mar 05 07:06:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0030420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 04 13:48:03 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.118	3.402	2678004	2378475	50.236	51.302
2)	SA Decachlor...	9.588	8.283	2850544	2694580	51.774	52.119
Target Compounds							
3)	L1 AR-1016-1	5.265	4.455	943073	685939	491.623	494.226
4)	L1 AR-1016-2	5.287	4.471	1538022	1442638	507.290	507.238
5)	L1 AR-1016-3	5.347	4.644	900833	626135	524.212	502.065
6)	L1 AR-1016-4	5.444	4.686	743923	529619	501.678	510.616
7)	L1 AR-1016-5	5.733	4.894	704668	667438	506.601	502.825
8)	L2 AR-1221-1	4.323	3.607	98686	73709	176.131	171.636
9)	L2 AR-1221-2	4.412	3.692	122919	103416	283.538	330.656
10)	L2 AR-1221-3	4.485	3.765	462694	403598	386.045	396.939
11)	L3 AR-1232-1	4.485	3.765	462694	403598	496.285	501.838
12)	L3 AR-1232-2	5.001	4.471	703169	1442638	1405.159	1478.341
13)	L3 AR-1232-3	5.287	4.644	1538022	626135	1474.631	1482.390
14)	L3 AR-1232-4	5.444	4.726	743923	631544	1554.229	1667.220
15)	L3 AR-1232-5	5.533	4.894	570705	667438	1657.051	1530.813
16)	L4 AR-1242-1	5.265	4.455	943073	685939	808.230	811.626
17)	L4 AR-1242-2	5.287	4.471	1538022	1442638	818.969	832.582
18)	L4 AR-1242-3	5.347	4.644	900833	626135	834.991	786.740
19)	L4 AR-1242-4	5.444	4.726	743923	631544	819.518	820.082
20)	L4 AR-1242-5	6.170	5.239	131287	483896	125.717	483.114 #
21)	L5 AR-1248-1	5.265	4.455	943073	685939	1012.312	990.041
22)	L5 AR-1248-2	5.533	4.686	570705	529619	451.275	479.779
23)	L5 AR-1248-3	5.733	4.726	704668	631544	467.499	559.760
24)	L5 AR-1248-4	6.132	4.894	137231	667438	75.422	474.737 #
25)	L5 AR-1248-5	6.170	5.280	131287	76870	74.600	55.754 #
26)	L6 AR-1254-1	6.105	5.239	497074	483896	268.820	214.522
27)	L6 AR-1254-2	6.320	5.385	571937	444164	189.093	225.237
28)	L6 AR-1254-3	6.684	5.794	307656	897211	98.778	279.844 #
29)	L6 AR-1254-4	6.966	6.010	231129	92071	90.791	52.022 #
30)	L6 AR-1254-5	7.380	6.420	2147803	1654374	797.712	550.748 #
31)	L7 AR-1260-1	6.843	5.909	1418693	1282695	506.364	488.913
32)	L7 AR-1260-2	7.100	6.097	2077859	1576328	503.644	483.500
33)	L7 AR-1260-3	7.455	6.246	1806081	1483254	505.588	492.088
34)	L7 AR-1260-4	7.678	6.712	1627399	1281107	505.589	487.218
35)	L7 AR-1260-5	7.984	6.956	3662461	3032889	522.894	493.321
36)	L8 AR-1262-1	7.455	6.420	1806081	1654374	419.320	1132.558 #
37)	L8 AR-1262-2	7.984	6.956	3662461	3032889	546.943	550.756
38)	L8 AR-1262-3	8.277	7.233	2125849	744952	496.719	321.791 #
39)	L8 AR-1262-4	8.330	7.298	1497593	2389897	446.217	541.514
40)	L8 AR-1262-5	8.934	7.792	897880	816601	429.964	429.494
41)	L9 AR-1268-1	8.277	7.233	2125849	744952	243.966	105.973 #

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

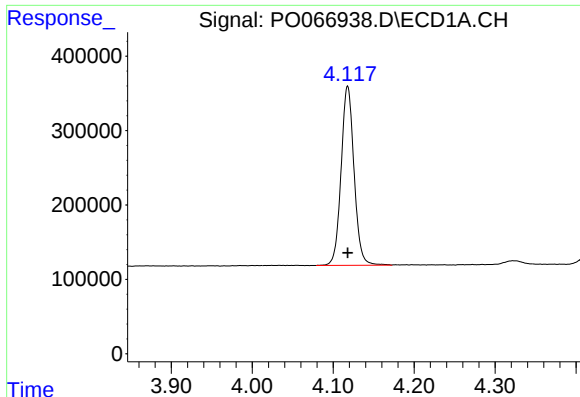
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 07:06:24 2020
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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	8.330	7.298	1497593	2389897	200.400	359.201 #
43) L9	AR-1268-3	8.548	7.497	60510	53767	9.410	9.713
44) L9	AR-1268-4	8.934	7.792	897880	816601	370.334	355.078
45) L9	AR-1268-5	9.297	8.059	245022	249088	12.905	14.271

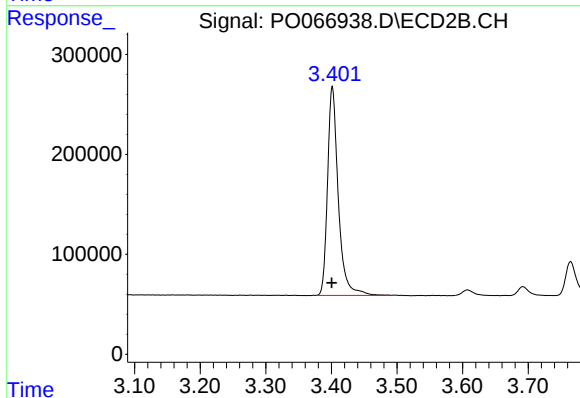
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

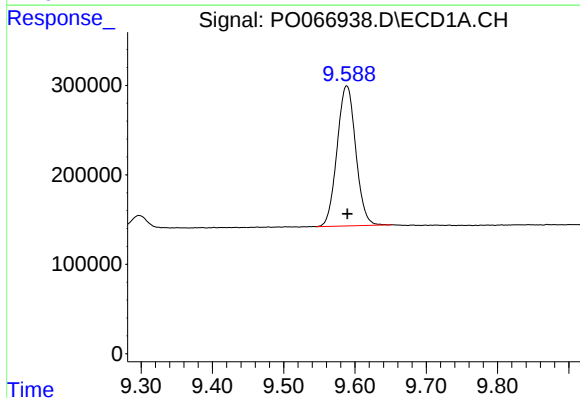
R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 2678004
Conc: 50.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



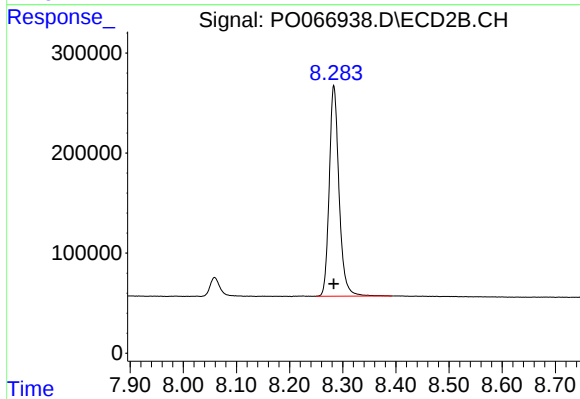
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 2378475
Conc: 51.30 ng/ml



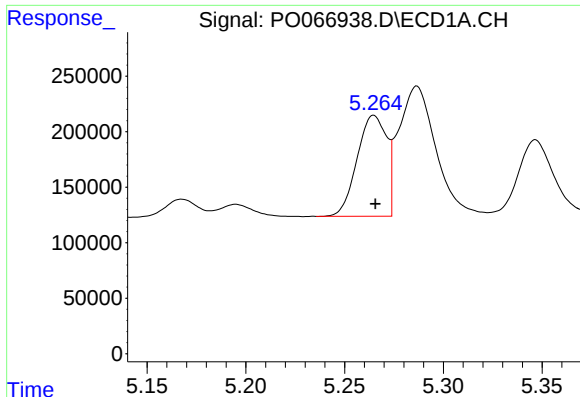
#2 Decachlorobiphenyl

R.T.: 9.588 min
Delta R.T.: 0.000 min
Response: 2850544
Conc: 51.77 ng/ml



#2 Decachlorobiphenyl

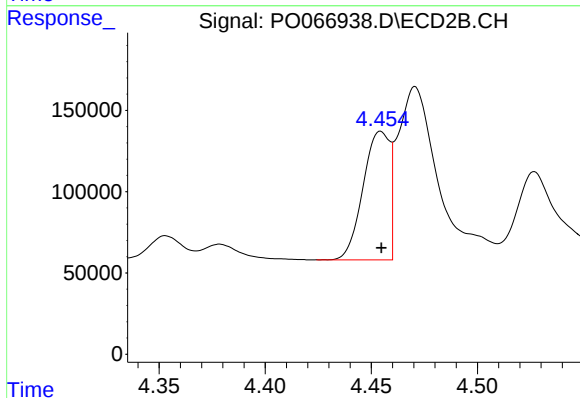
R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 2694580
Conc: 52.12 ng/ml



#3 AR-1016-1

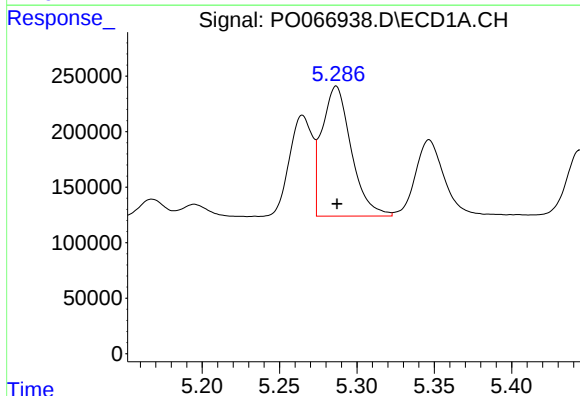
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 943073
Conc: 491.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



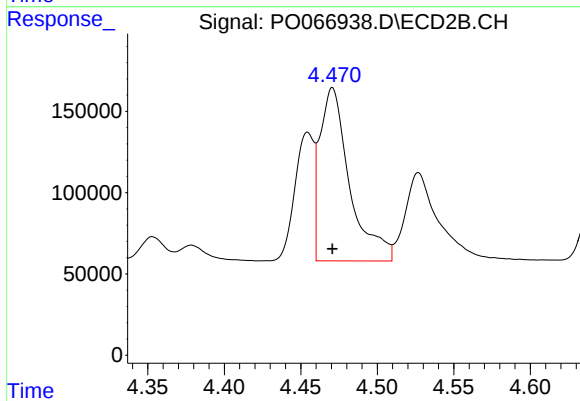
#3 AR-1016-1

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 685939
Conc: 494.23 ng/ml



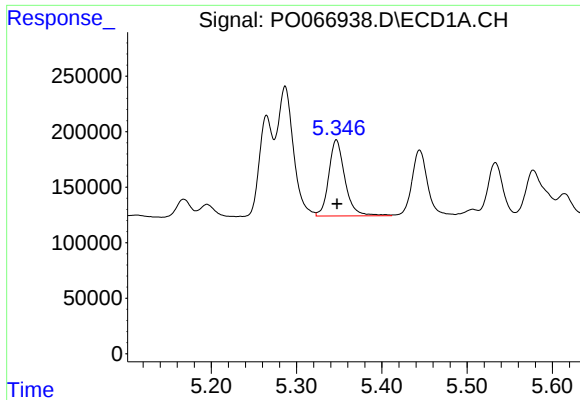
#4 AR-1016-2

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 1538022
Conc: 507.29 ng/ml



#4 AR-1016-2

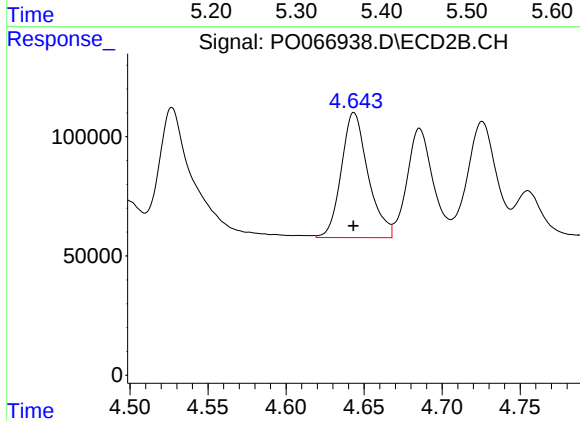
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1442638
Conc: 507.24 ng/ml



#5 AR-1016-3

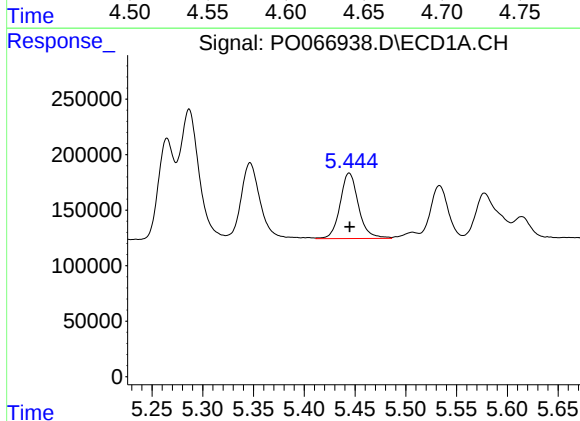
R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 900833
Conc: 524.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



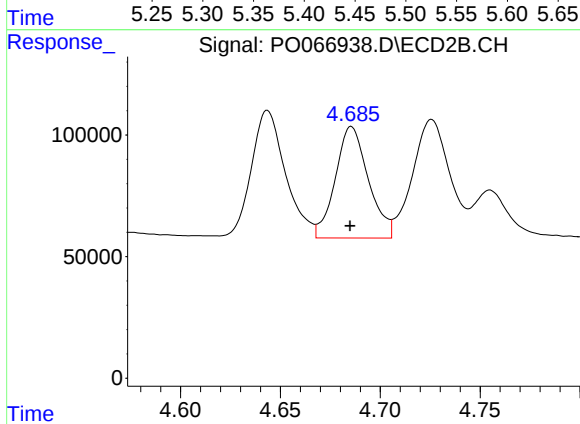
#5 AR-1016-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 626135
Conc: 502.07 ng/ml



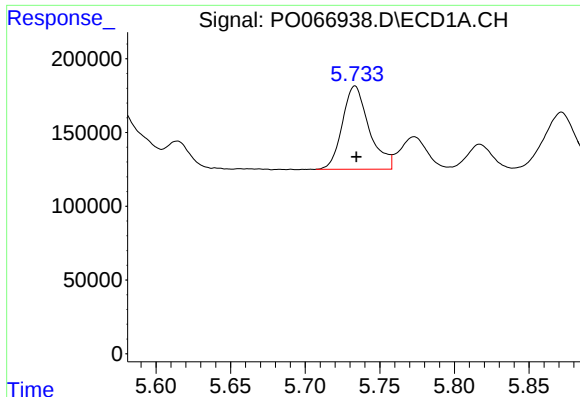
#6 AR-1016-4

R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 743923
Conc: 501.68 ng/ml



#6 AR-1016-4

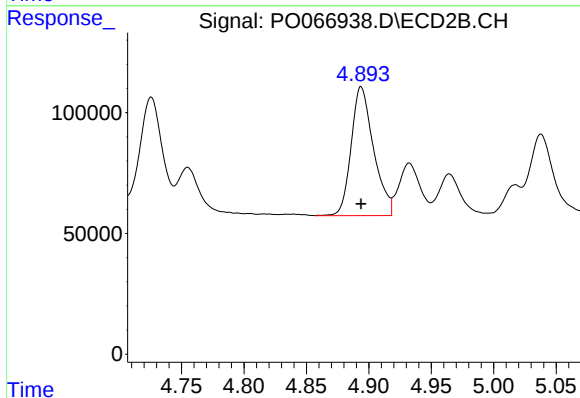
R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 529619
Conc: 510.62 ng/ml



#7 AR-1016-5

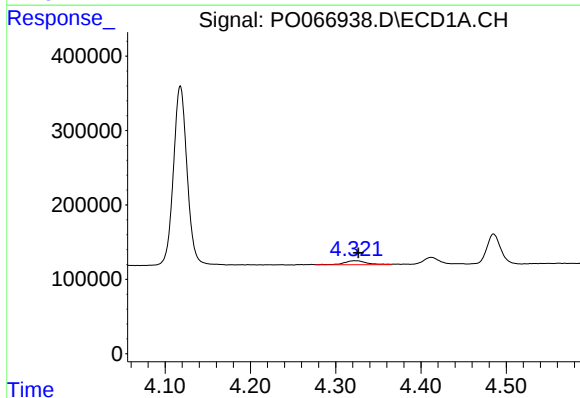
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 704668
Conc: 506.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



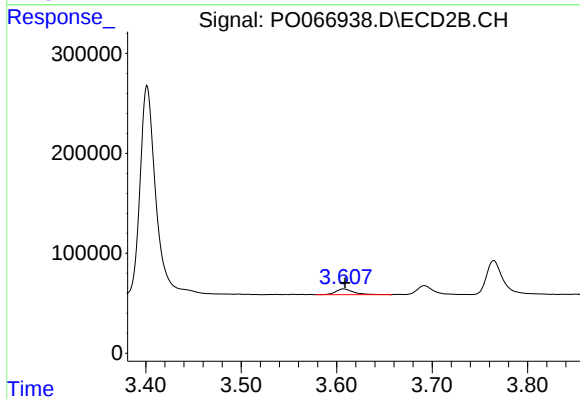
#7 AR-1016-5

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 667438
Conc: 502.83 ng/ml



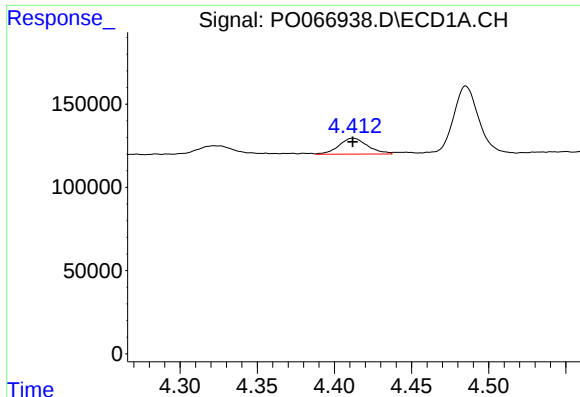
#8 AR-1221-1

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 98686
Conc: 176.13 ng/ml



#8 AR-1221-1

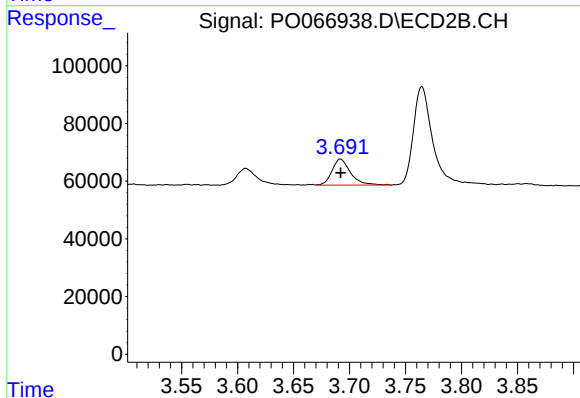
R.T.: 3.607 min
Delta R.T.: -0.001 min
Response: 73709
Conc: 171.64 ng/ml



#9 AR-1221-2

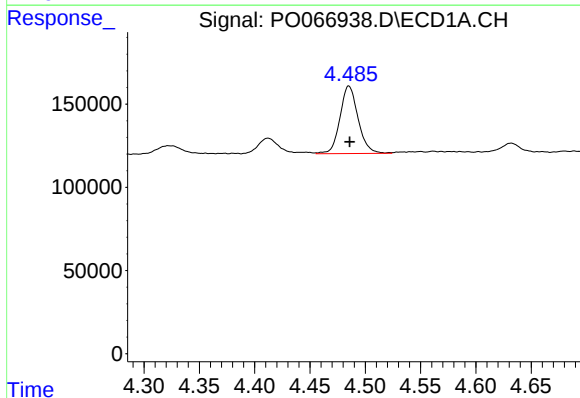
R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 122919
Conc: 283.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



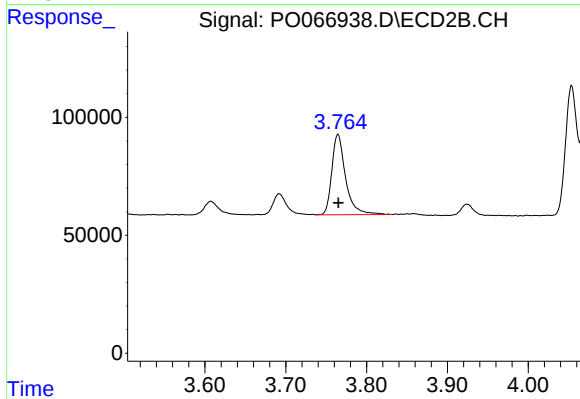
#9 AR-1221-2

R.T.: 3.692 min
Delta R.T.: 0.000 min
Response: 103416
Conc: 330.66 ng/ml



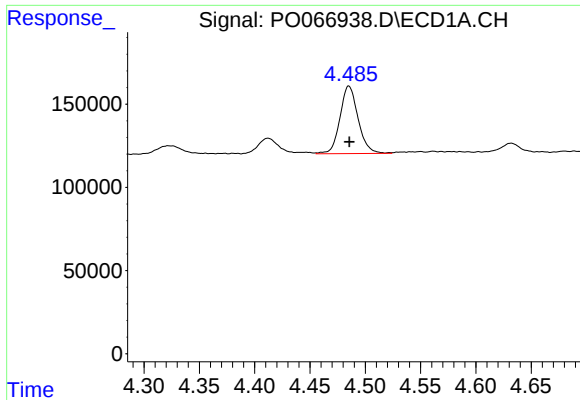
#10 AR-1221-3

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 462694
Conc: 386.04 ng/ml



#10 AR-1221-3

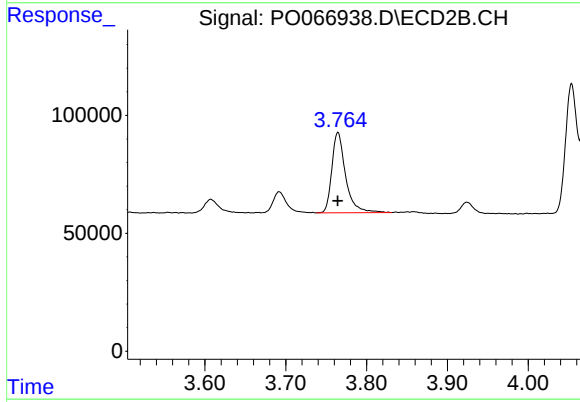
R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 403598
Conc: 396.94 ng/ml



#11 AR-1232-1

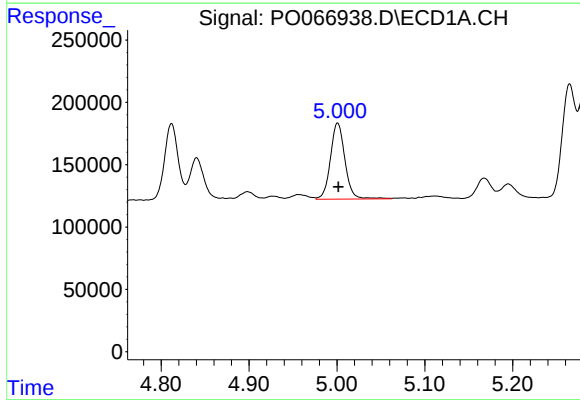
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 462694
Conc: 496.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



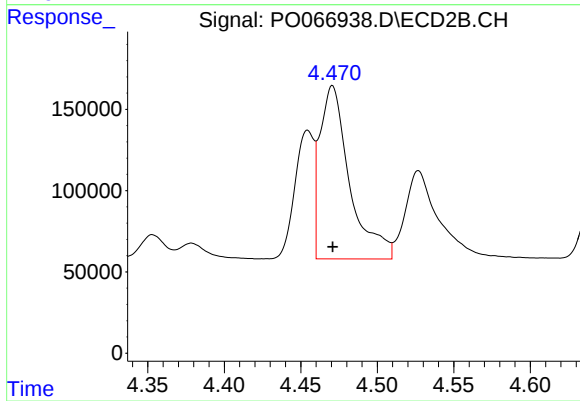
#11 AR-1232-1

R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 403598
Conc: 501.84 ng/ml



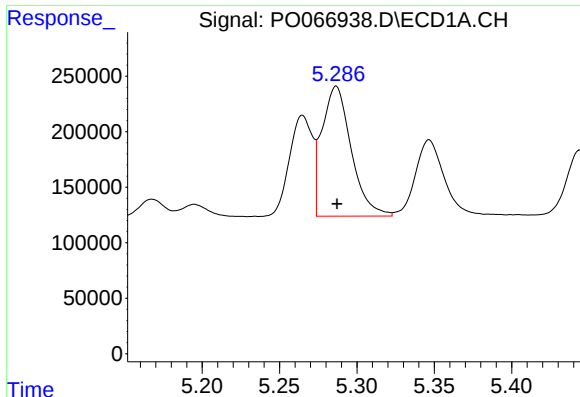
#12 AR-1232-2

R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 703169
Conc: 1405.16 ng/ml



#12 AR-1232-2

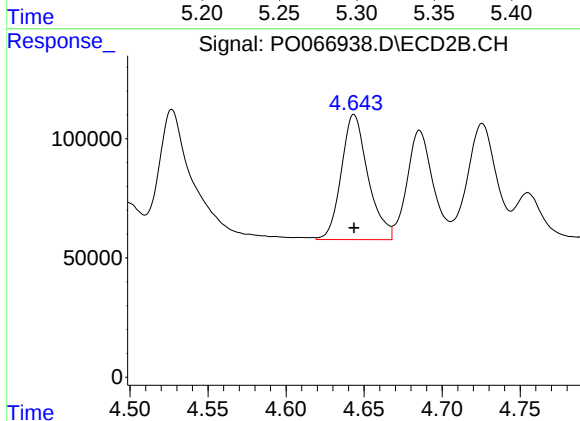
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1442638
Conc: 1478.34 ng/ml



#13 AR-1232-3

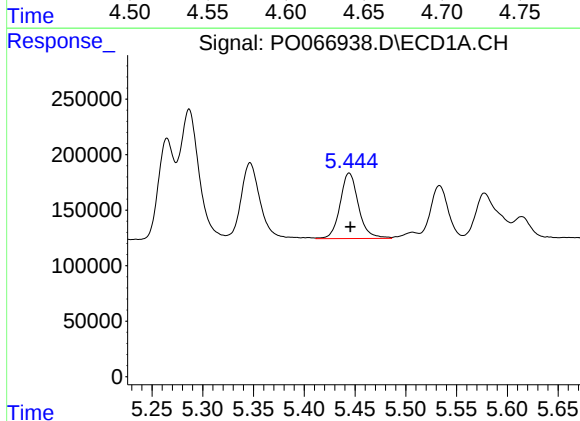
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 1538022
Conc: 1474.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



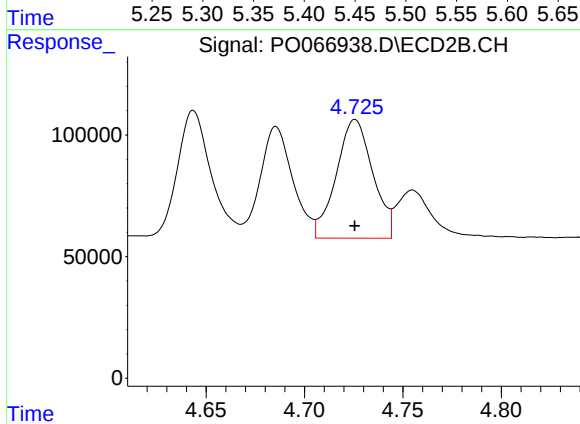
#13 AR-1232-3

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 626135
Conc: 1482.39 ng/ml



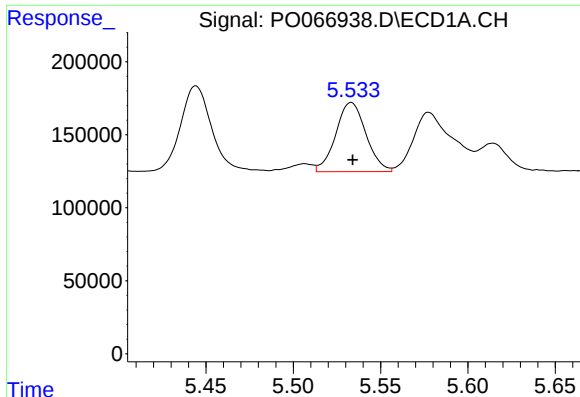
#14 AR-1232-4

R.T.: 5.444 min
Delta R.T.: -0.001 min
Response: 743923
Conc: 1554.23 ng/ml



#14 AR-1232-4

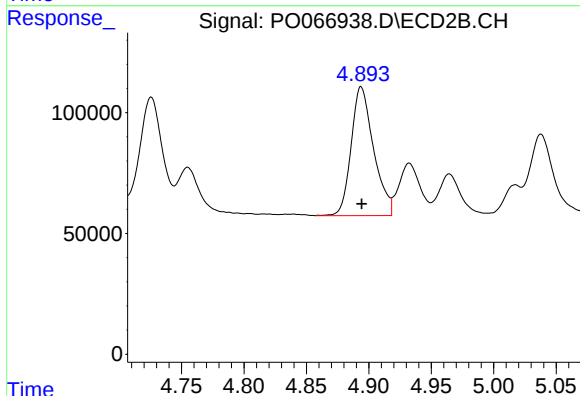
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 631544
Conc: 1667.22 ng/ml



#15 AR-1232-5

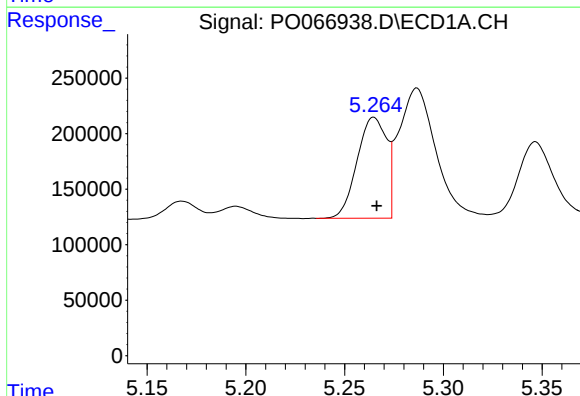
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 570705
Conc: 1657.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



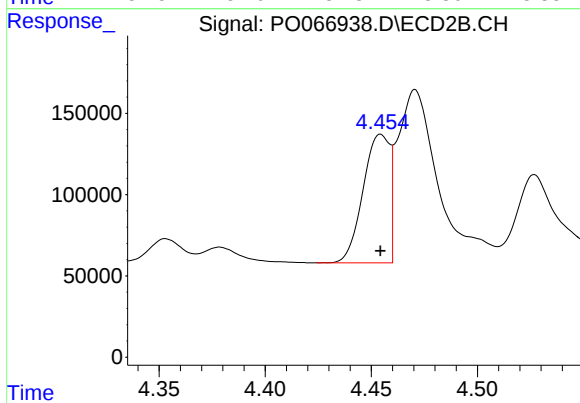
#15 AR-1232-5

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 667438
Conc: 1530.81 ng/ml



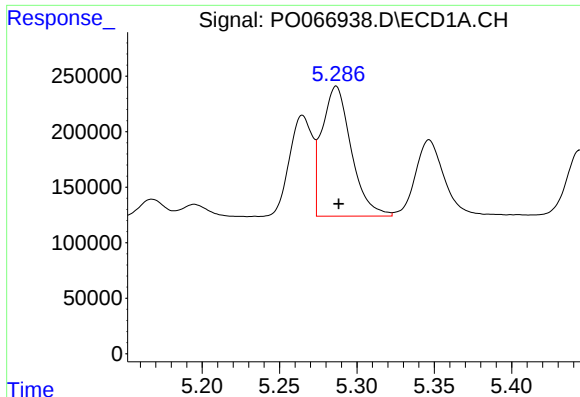
#16 AR-1242-1

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 943073
Conc: 808.23 ng/ml



#16 AR-1242-1

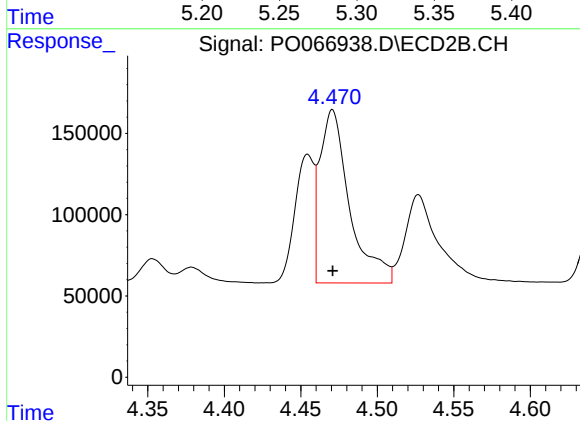
R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 685939
Conc: 811.63 ng/ml



#17 AR-1242-2

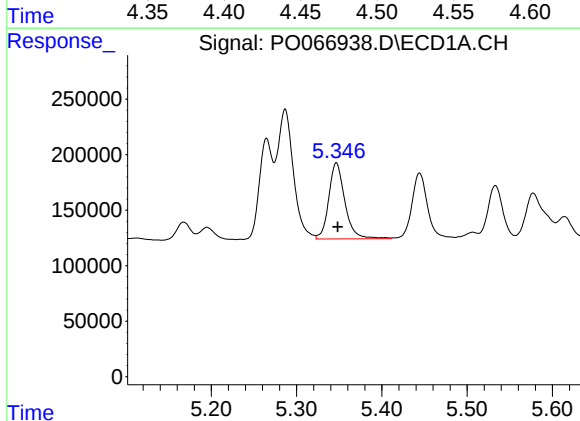
R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 1538022
Conc: 818.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



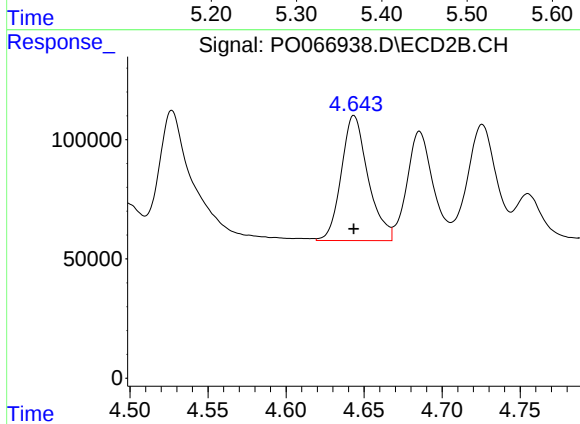
#17 AR-1242-2

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1442638
Conc: 832.58 ng/ml



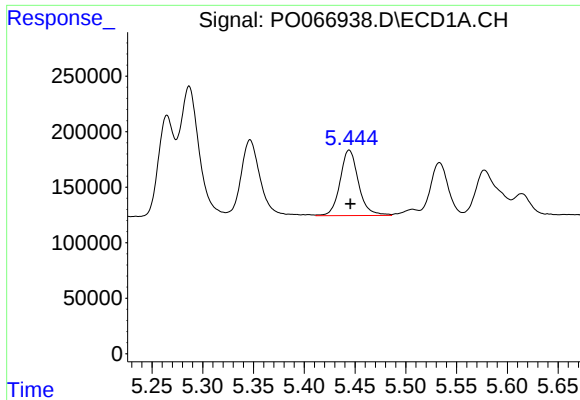
#18 AR-1242-3

R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 900833
Conc: 834.99 ng/ml



#18 AR-1242-3

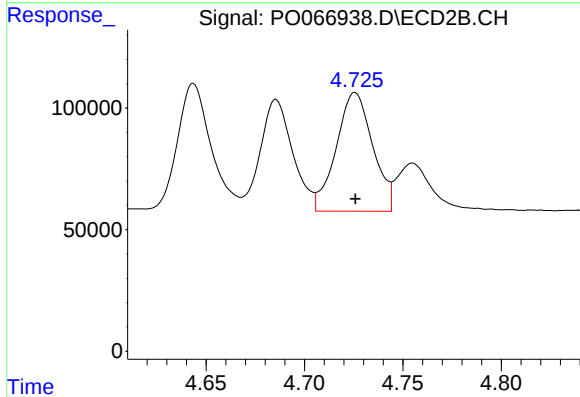
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 626135
Conc: 786.74 ng/ml



#19 AR-1242-4

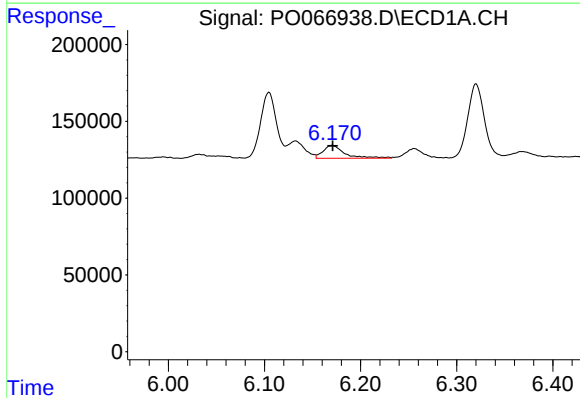
R.T.: 5.444 min
Delta R.T.: -0.001 min
Response: 743923
Conc: 819.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



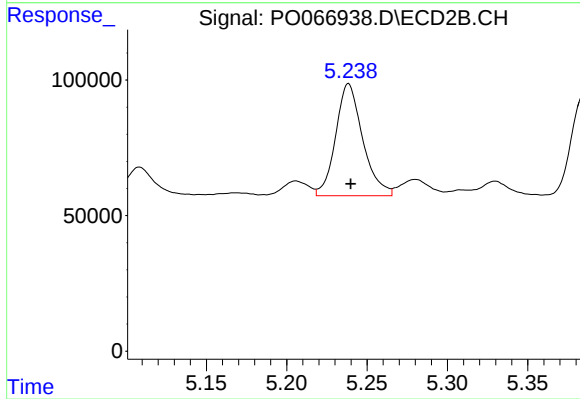
#19 AR-1242-4

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 631544
Conc: 820.08 ng/ml



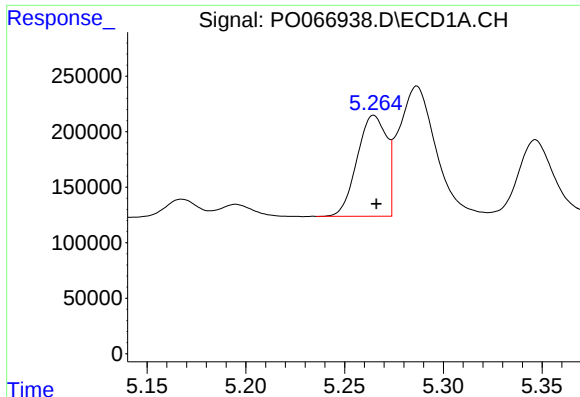
#20 AR-1242-5

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 131287
Conc: 125.72 ng/ml



#20 AR-1242-5

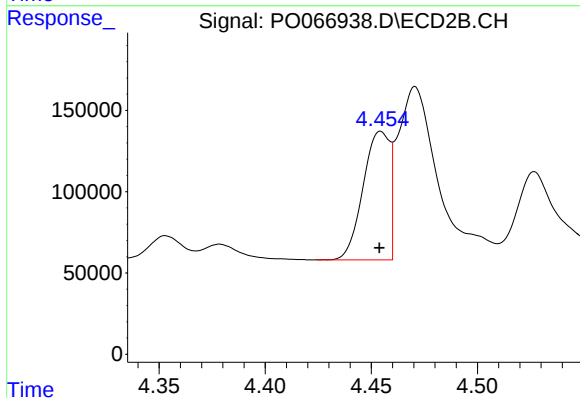
R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 483896
Conc: 483.11 ng/ml



#21 AR-1248-1

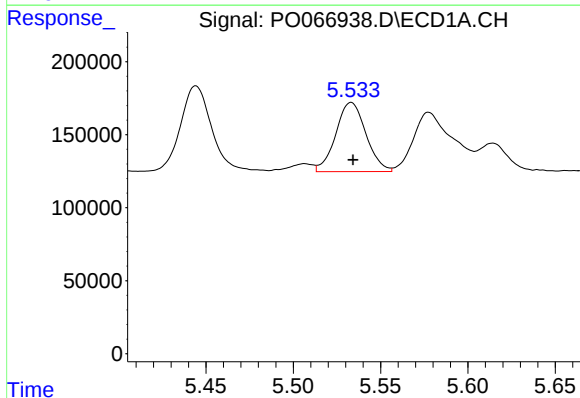
R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 943073
Conc: 1012.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



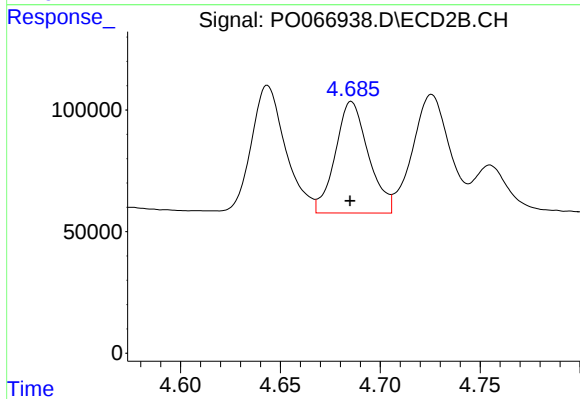
#21 AR-1248-1

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 685939
Conc: 990.04 ng/ml



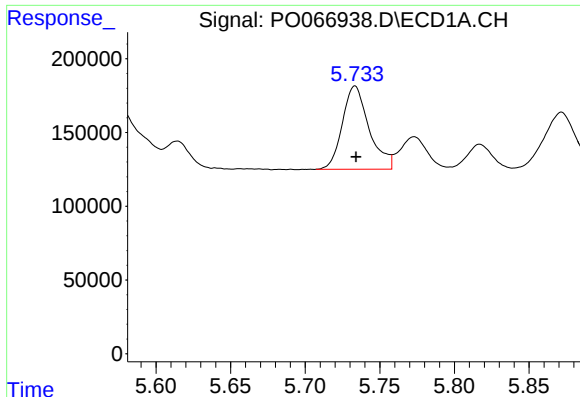
#22 AR-1248-2

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 570705
Conc: 451.28 ng/ml



#22 AR-1248-2

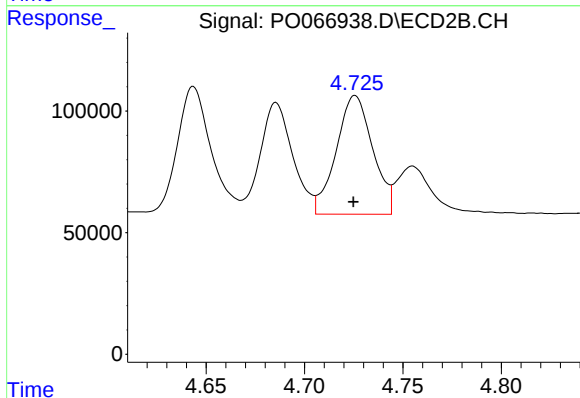
R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 529619
Conc: 479.78 ng/ml



#23 AR-1248-3

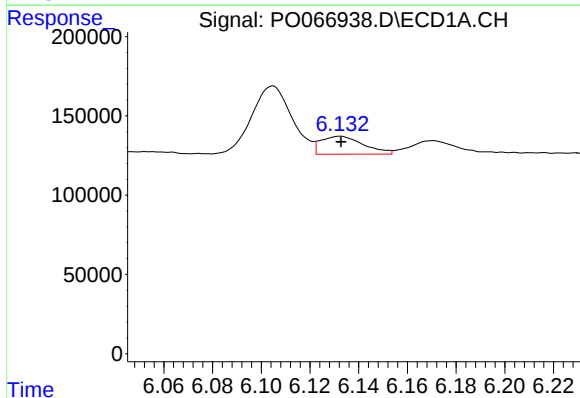
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 704668
Conc: 467.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



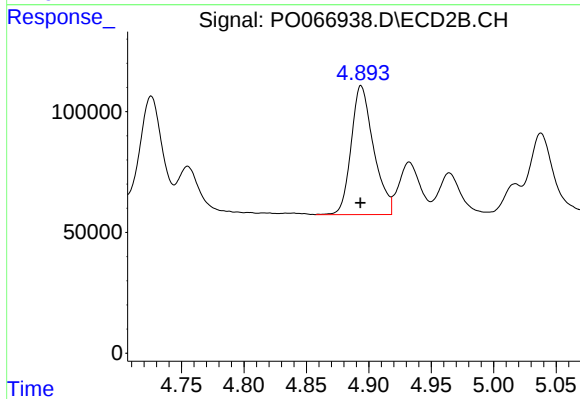
#23 AR-1248-3

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 631544
Conc: 559.76 ng/ml



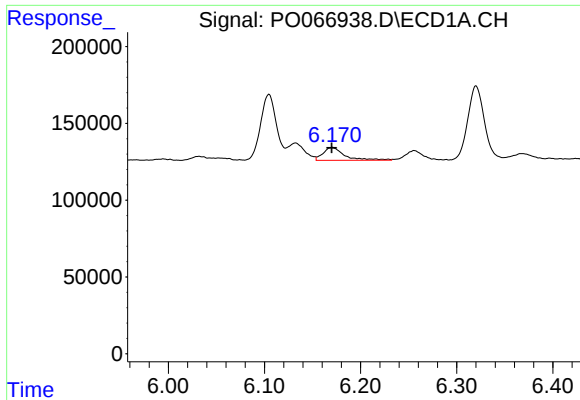
#24 AR-1248-4

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 137231
Conc: 75.42 ng/ml



#24 AR-1248-4

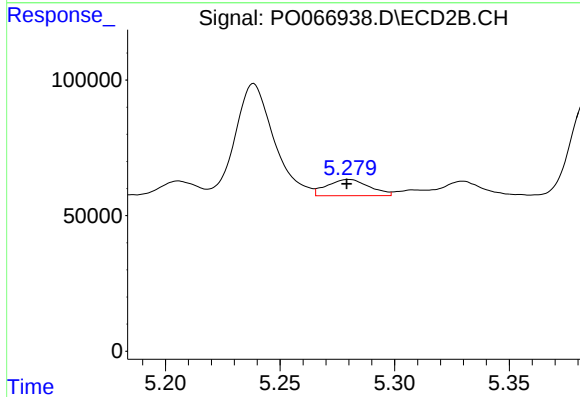
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 667438
Conc: 474.74 ng/ml



#25 AR-1248-5

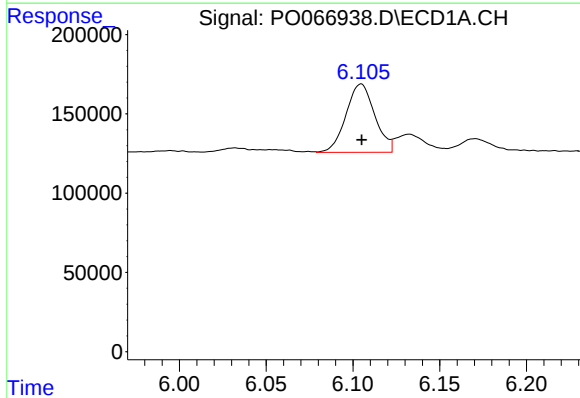
R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 131287
Conc: 74.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



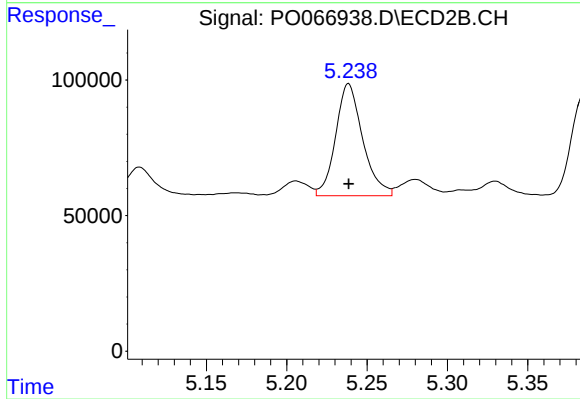
#25 AR-1248-5

R.T.: 5.280 min
Delta R.T.: 0.001 min
Response: 76870
Conc: 55.75 ng/ml



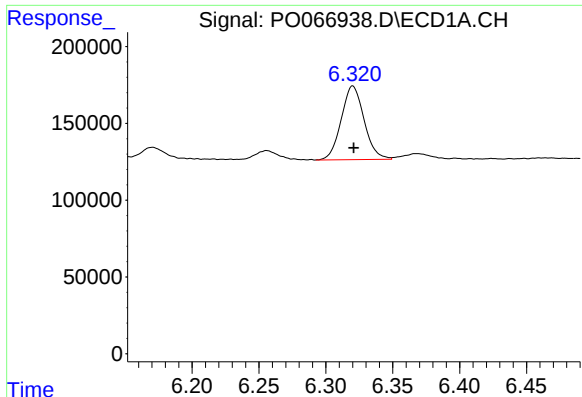
#26 AR-1254-1

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 497074
Conc: 268.82 ng/ml



#26 AR-1254-1

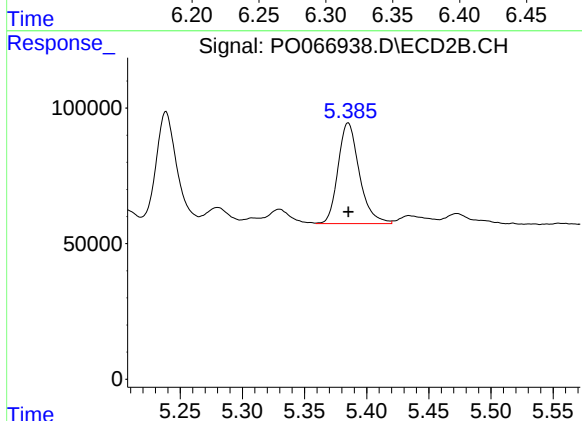
R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 483896
Conc: 214.52 ng/ml



#27 AR-1254-2

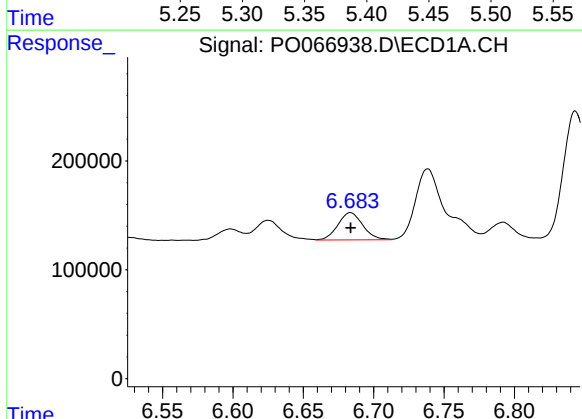
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 571937
Conc: 189.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



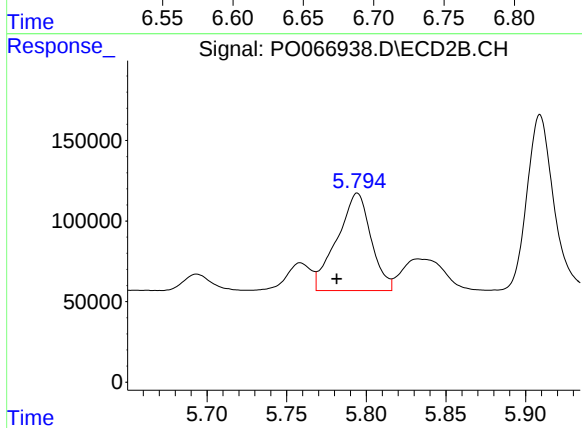
#27 AR-1254-2

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 444164
Conc: 225.24 ng/ml



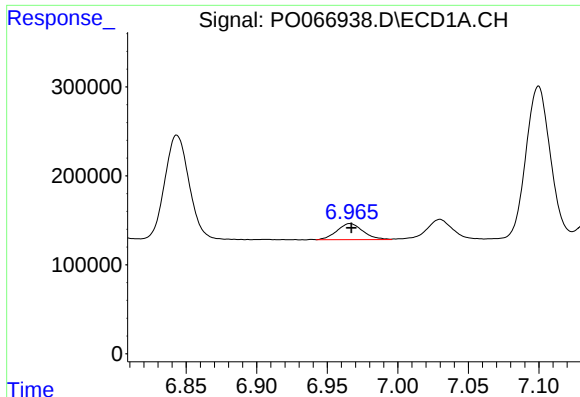
#28 AR-1254-3

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 307656
Conc: 98.78 ng/ml



#28 AR-1254-3

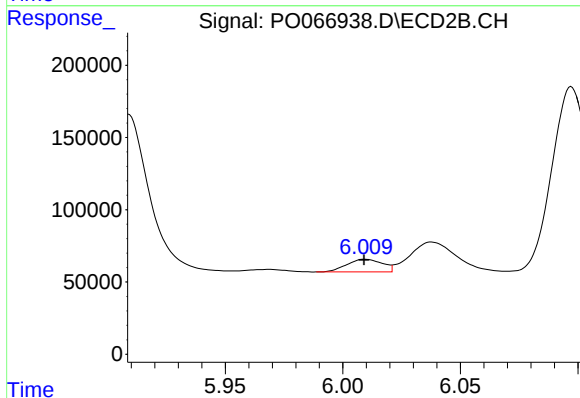
R.T.: 5.794 min
Delta R.T.: 0.013 min
Response: 897211
Conc: 279.84 ng/ml



#29 AR-1254-4

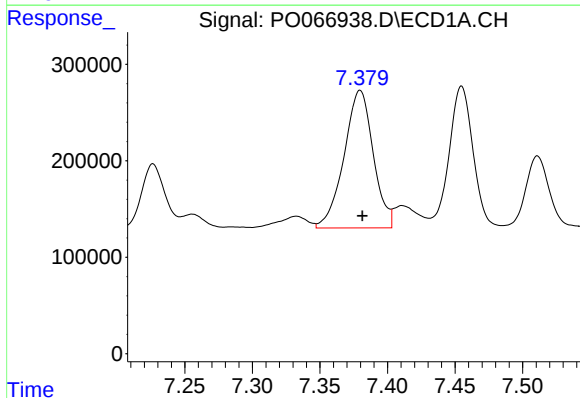
R.T.: 6.966 min
Delta R.T.: -0.001 min
Response: 231129
Conc: 90.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



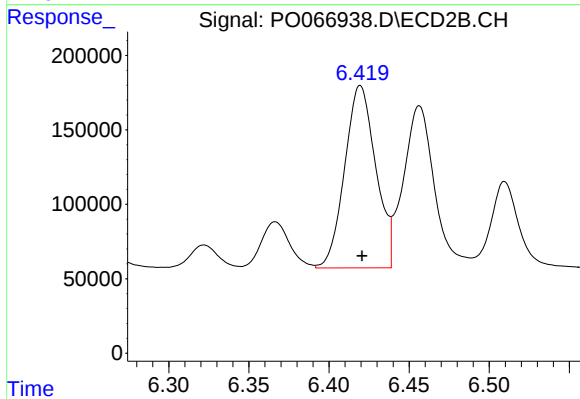
#29 AR-1254-4

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 92071
Conc: 52.02 ng/ml



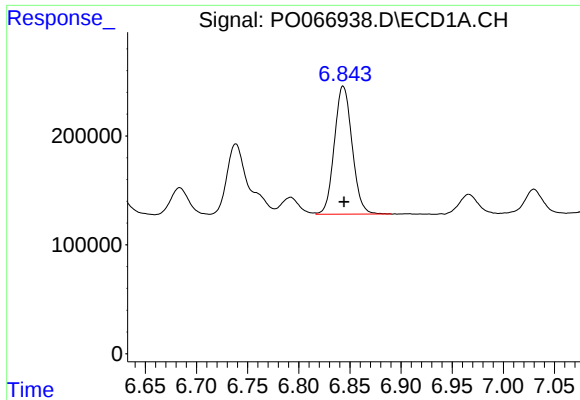
#30 AR-1254-5

R.T.: 7.380 min
Delta R.T.: -0.002 min
Response: 2147803
Conc: 797.71 ng/ml



#30 AR-1254-5

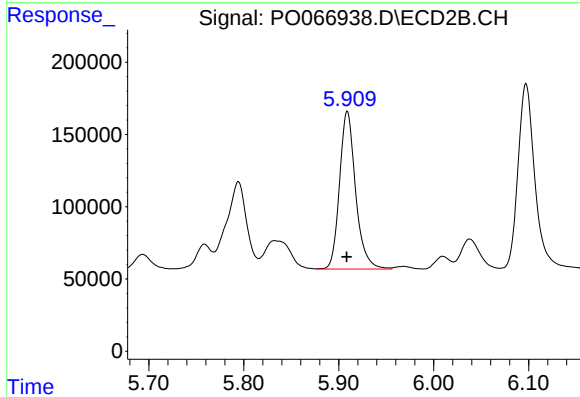
R.T.: 6.420 min
Delta R.T.: -0.001 min
Response: 1654374
Conc: 550.75 ng/ml



#31 AR-1260-1

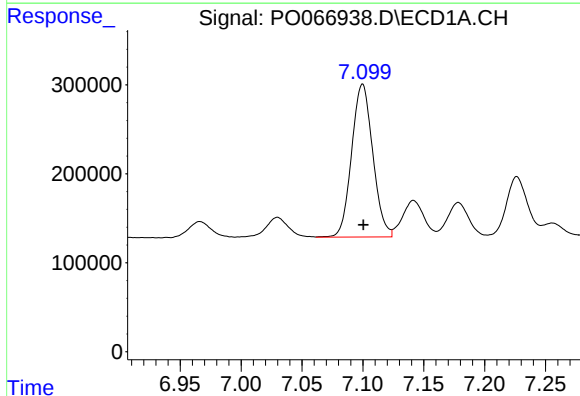
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 1418693
Conc: 506.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



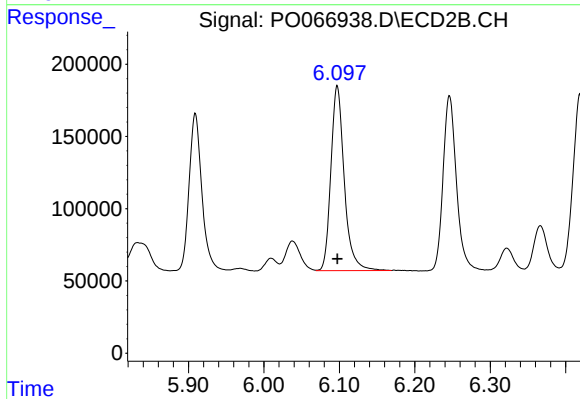
#31 AR-1260-1

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 1282695
Conc: 488.91 ng/ml



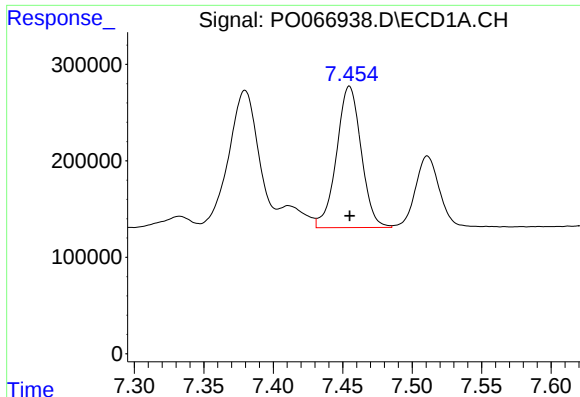
#32 AR-1260-2

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 2077859
Conc: 503.64 ng/ml



#32 AR-1260-2

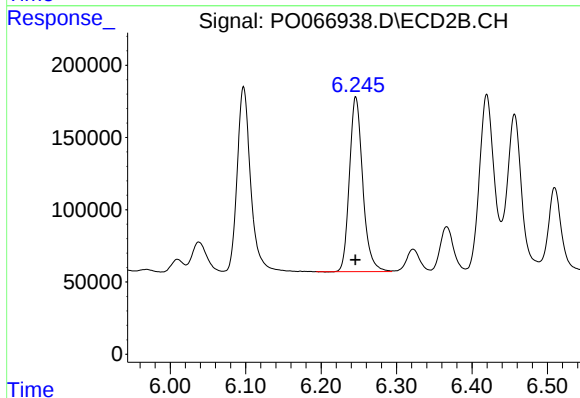
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 1576328
Conc: 483.50 ng/ml



#33 AR-1260-3

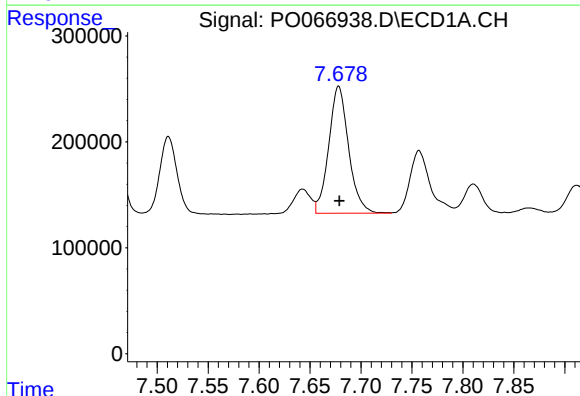
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 1806081
Conc: 505.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



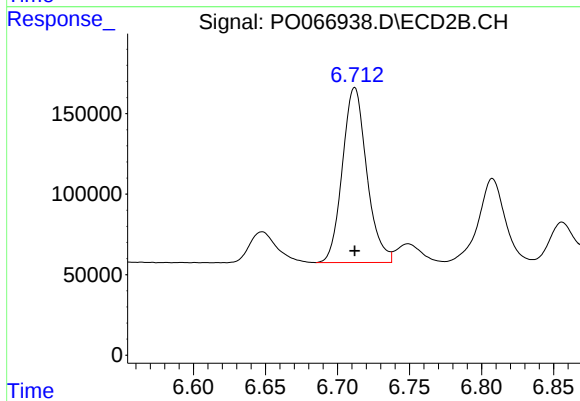
#33 AR-1260-3

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 1483254
Conc: 492.09 ng/ml



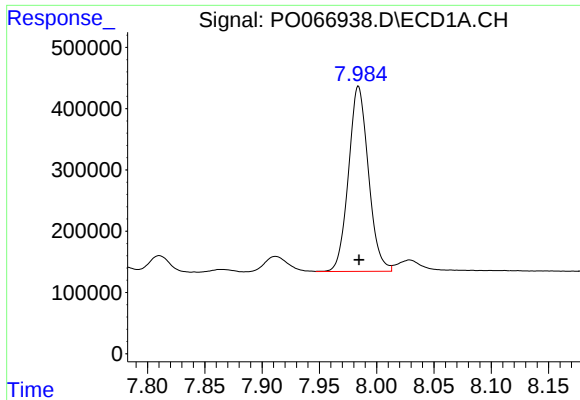
#34 AR-1260-4

R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 1627399
Conc: 505.59 ng/ml



#34 AR-1260-4

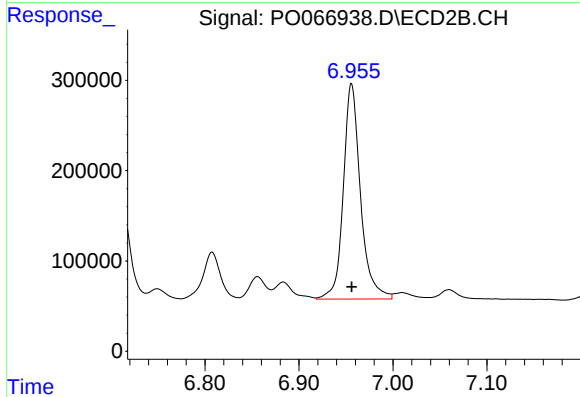
R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 1281107
Conc: 487.22 ng/ml



#35 AR-1260-5

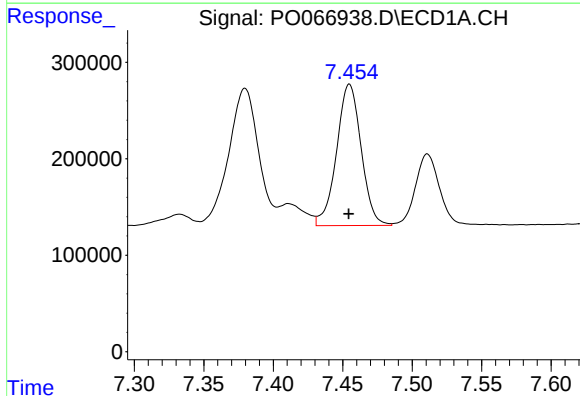
R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 3662461
Conc: 522.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



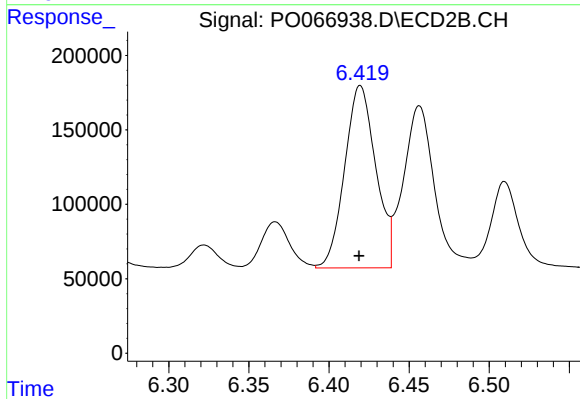
#35 AR-1260-5

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 3032889
Conc: 493.32 ng/ml



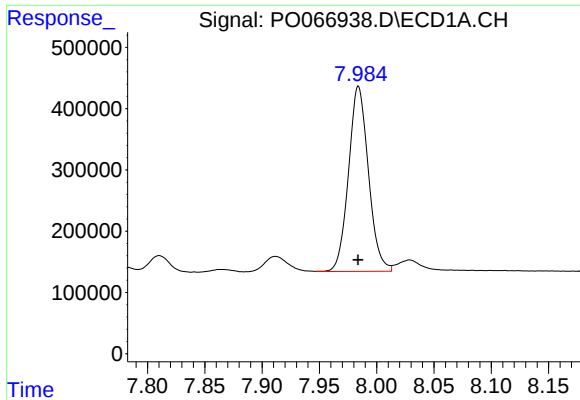
#36 AR-1262-1

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 1806081
Conc: 419.32 ng/ml



#36 AR-1262-1

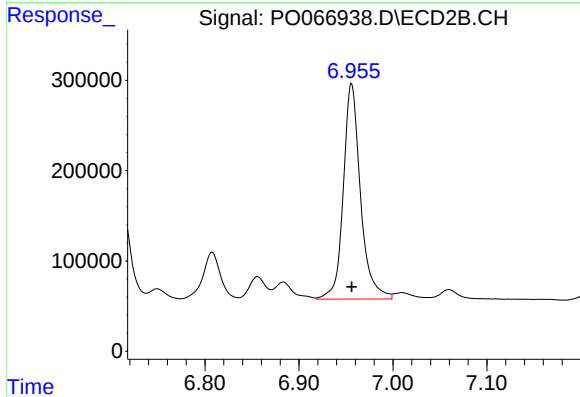
R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 1654374
Conc: 1132.56 ng/ml



#37 AR-1262-2

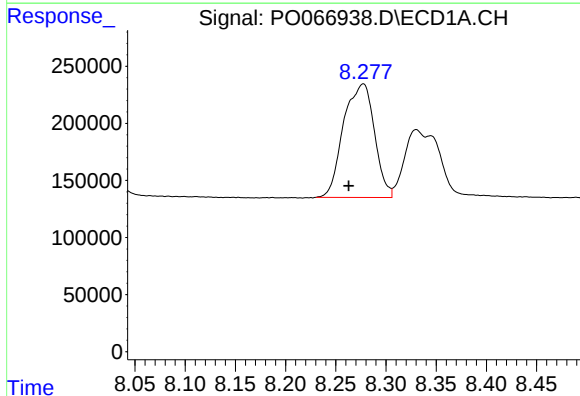
R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 3662461
Conc: 546.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



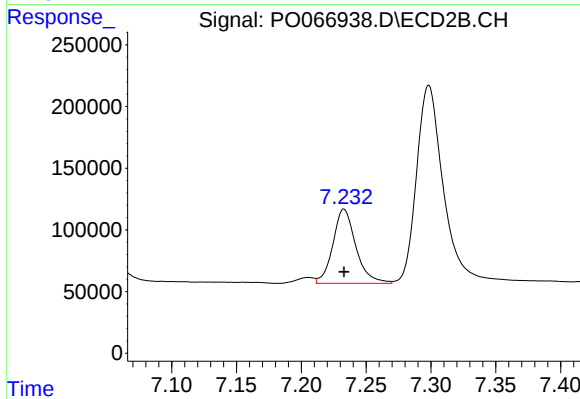
#37 AR-1262-2

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 3032889
Conc: 550.76 ng/ml



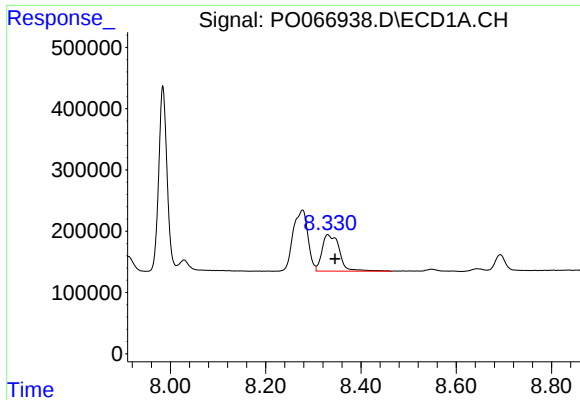
#38 AR-1262-3

R.T.: 8.277 min
Delta R.T.: 0.015 min
Response: 2125849
Conc: 496.72 ng/ml



#38 AR-1262-3

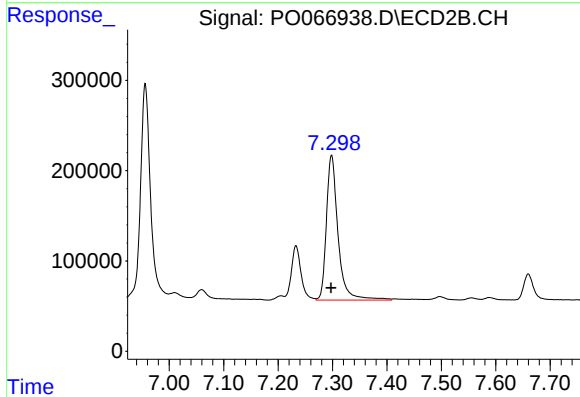
R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 744952
Conc: 321.79 ng/ml



#39 AR-1262-4

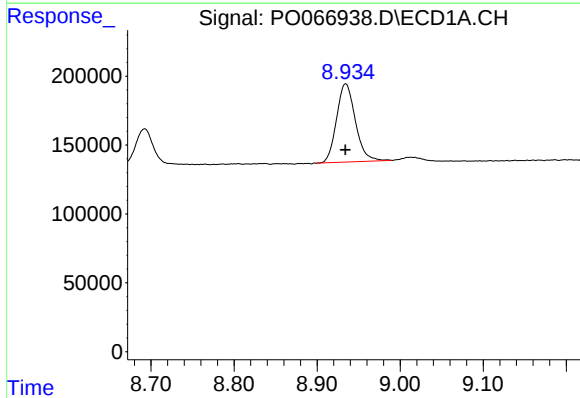
R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 1497593
Conc: 446.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



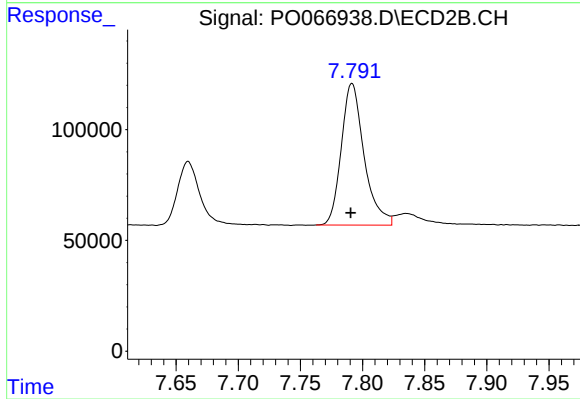
#39 AR-1262-4

R.T.: 7.298 min
Delta R.T.: 0.001 min
Response: 2389897
Conc: 541.51 ng/ml



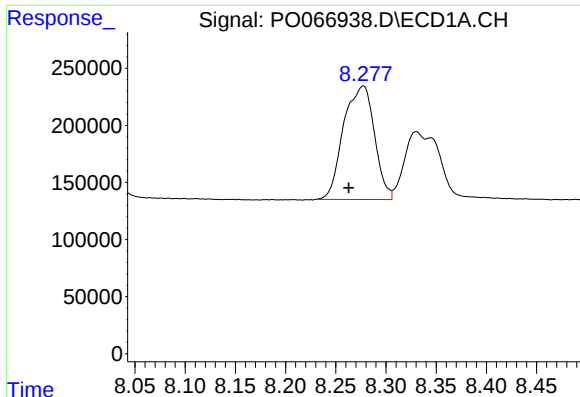
#40 AR-1262-5

R.T.: 8.934 min
Delta R.T.: 0.000 min
Response: 897880
Conc: 429.96 ng/ml



#40 AR-1262-5

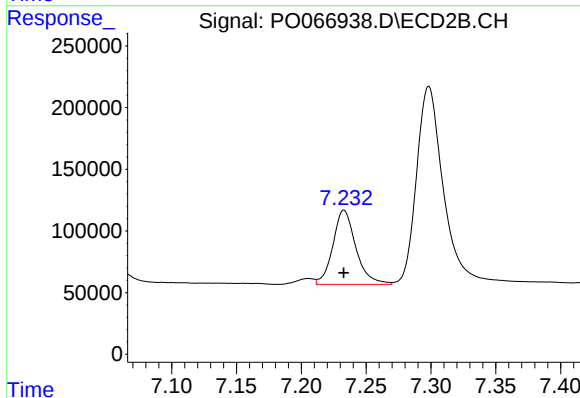
R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 816601
Conc: 429.49 ng/ml



#41 AR-1268-1

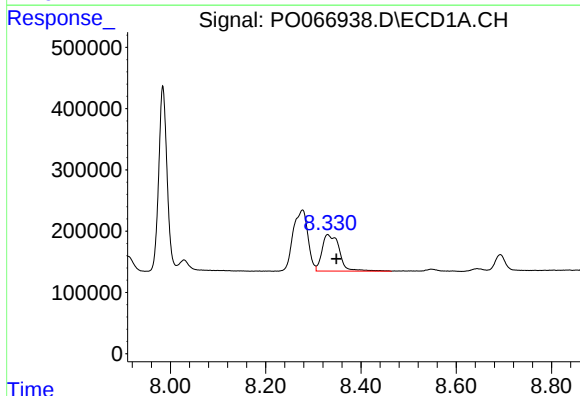
R.T.: 8.277 min
Delta R.T.: 0.015 min
Response: 2125849
Conc: 243.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



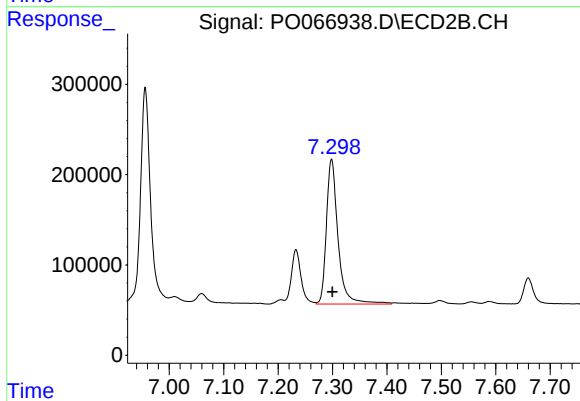
#41 AR-1268-1

R.T.: 7.233 min
Delta R.T.: 0.000 min
Response: 744952
Conc: 105.97 ng/ml



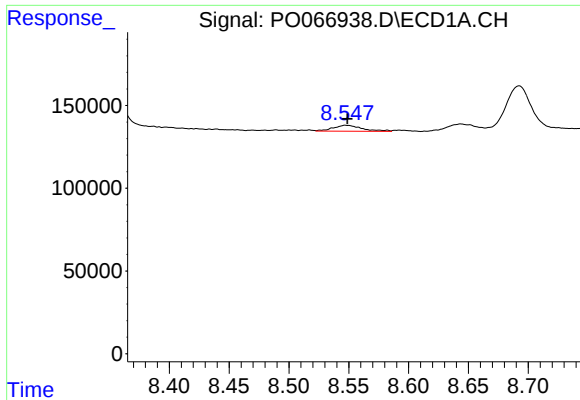
#42 AR-1268-2

R.T.: 8.330 min
Delta R.T.: -0.018 min
Response: 1497593
Conc: 200.40 ng/ml



#42 AR-1268-2

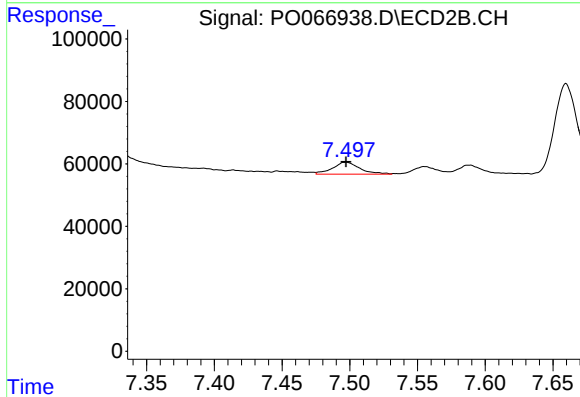
R.T.: 7.298 min
Delta R.T.: -0.001 min
Response: 2389897
Conc: 359.20 ng/ml



#43 AR-1268-3

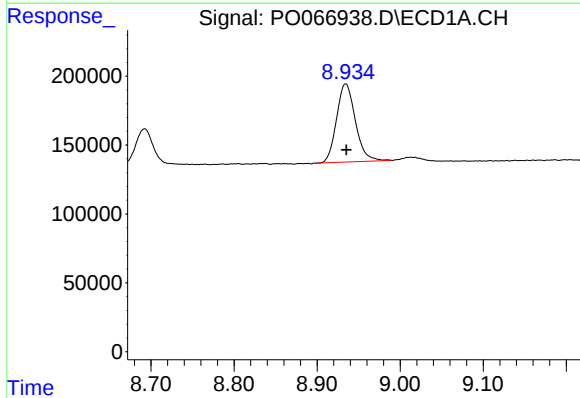
R.T.: 8.548 min
Delta R.T.: -0.001 min
Response: 60510
Conc: 9.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



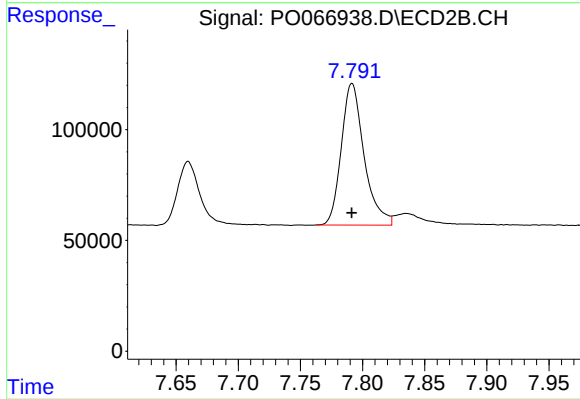
#43 AR-1268-3

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 53767
Conc: 9.71 ng/ml



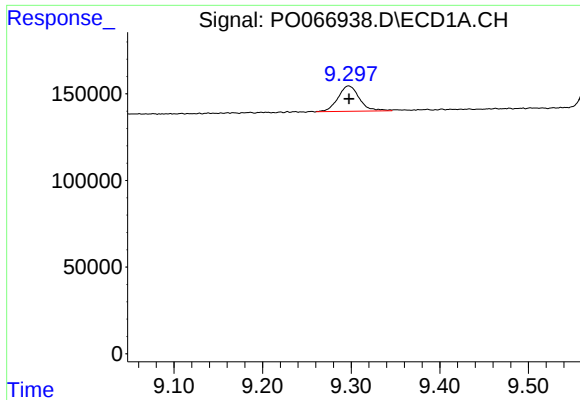
#44 AR-1268-4

R.T.: 8.934 min
Delta R.T.: 0.000 min
Response: 897880
Conc: 370.33 ng/ml



#44 AR-1268-4

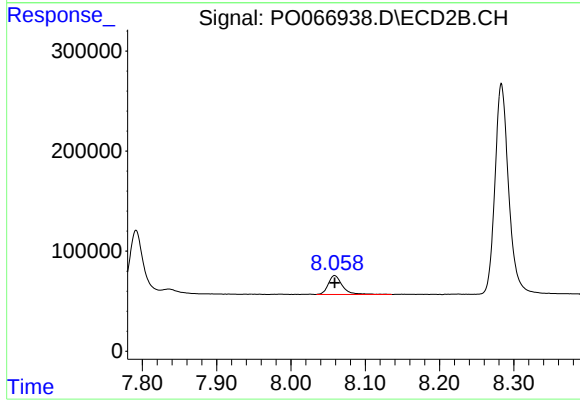
R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 816601
Conc: 355.08 ng/ml



#45 AR-1268-5

R.T.: 9.297 min
Delta R.T.: 0.000 min
Response: 245022
Conc: 12.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 249088
Conc: 14.27 ng/ml