

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090718\
 Data File : P0048852.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Sep 2018 19:50
 Operator : SM/SJ
 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: Sep 07 23:03:28 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 06 03:44:31 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.458	3.530	7122537	7045629	59.031	45.076
2)	SA Decachlor...	10.204	8.467	6622626	7023888	47.465	47.506
Target Compounds							
3)	L1 AR-1016-1	5.169	4.193	1906648	2032035	587.204	468.893
4)	L1 AR-1016-2	5.364	4.599	1990677	3087258	578.815	479.449
5)	L1 AR-1016-3	5.631	4.618	2999309	4159287	594.018	492.589
6)	L1 AR-1016-4	5.717	4.673	2606817	2953793	566.373	502.808
7)	L1 AR-1016-5	6.109	5.043	2192740	2574057	564.974	497.901
8)	L2 AR-1221-1	4.663	3.740	216272	247976	139.287	115.835
9)	L2 AR-1221-2	4.756	3.825	313841	381944	262.432	235.631
10)	L2 AR-1221-3	4.832	3.900	1379366	1408222	365.616	285.956
11)	L3 AR-1232-1	5.654	4.381	4174441	2157995	1504.797	1119.311 #
12)	L3 AR-1232-2	5.815	4.496	2114423	709858	1424.202	1068.452
13)	L3 AR-1232-3	5.988	4.874	696378	2288130	1620.236	1313.874
14)	L3 AR-1232-4	6.318	5.190	605251	2303586	1527.816	1245.719
15)	L3 AR-1232-5	7.181	0.000	587884	0	2501.017	N.D. #
16)	L4 AR-1242-1	5.200	4.213	1092574	1152060	733.120	586.996
17)	L4 AR-1242-2	5.950	4.791	1878940	2440536	654.109	603.263
18)	L4 AR-1242-3	6.150	4.905	933077	844942	651.977	590.141
19)	L4 AR-1242-4	6.194	5.260	721195	731147	653.476	604.087
20)	L4 AR-1242-5	6.250	5.628	2449233	86384	644.318	27.938 #
21)	L5 AR-1248-1	5.905	4.833	1657997	1836893	332.008	345.936
22)	L5 AR-1248-2	6.485	5.391	2017923	2574338	385.582	268.073 #
23)	L5 AR-1248-3	6.512	5.431	808007	688578	118.701	101.178
24)	L5 AR-1248-4	6.551	5.603	663237	81295	100.735	13.381 #
25)	L5 AR-1248-5	6.748	5.952	117703	3597378	25.886	772.934 #
26)	L6 AR-1254-1	6.704	5.536	1802272	1843445	159.078	181.671
27)	L6 AR-1254-2	6.985	5.847	326123	489296	44.403	55.467
28)	L6 AR-1254-3	7.072	6.163	948408	412115	74.471	37.389 #
29)	L6 AR-1254-4	7.356	6.484	652789	732804	67.332	90.220 #
30)	L6 AR-1254-5	7.619	6.577	2348436	6898632	303.856	455.176 #
31)	L7 AR-1260-1	7.233	6.066	4268965	5010142	518.151	481.271
32)	L7 AR-1260-2	7.490	6.252	5029775	6076255	511.856	485.223
33)	L7 AR-1260-3	7.772	6.404	5950933	5800704	498.733	488.920
34)	L7 AR-1260-4	8.074	6.873	4161934	4633982	484.906	489.796
35)	L7 AR-1260-5	8.396	7.112	7946624	10444558	478.662	480.987
36)	L8 AR-1262-1	7.128	5.952	2799939	3597378	573.442	653.529
37)	L8 AR-1262-2	7.906	6.668	1943393	2592837	447.272	478.804
38)	L8 AR-1262-3	8.156	6.970	2029014	2655345	417.649	445.140
39)	L8 AR-1262-4	8.778	7.395	2981777	2316429	566.460	260.955 #
40)	L8 AR-1262-5	9.455	7.947	2077614	2585334	309.371	341.805
41)	L9 AR-1268-1	7.848	6.615	3624312	4938911	848.565	905.011

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

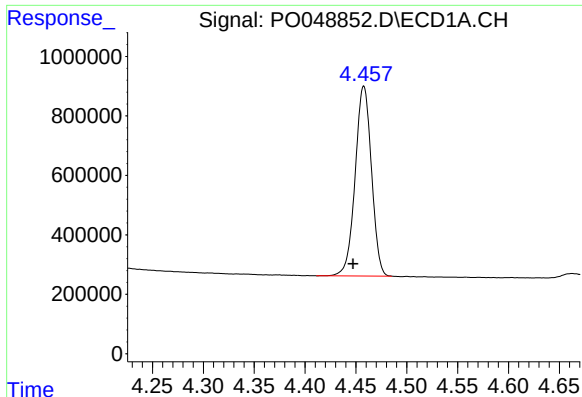
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 23:03:28 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.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	8.074	7.457	4161934	7476040	762.937	314.451 #
43) L9	AR-1268-3	8.723	7.664	5026673	178386	227.376	9.113 #
44) L9	AR-1268-4	9.029	7.754	160841	156888	9.444	27.932 #
45) L9	AR-1268-5	9.867	8.224	571474	712768	11.023	13.072

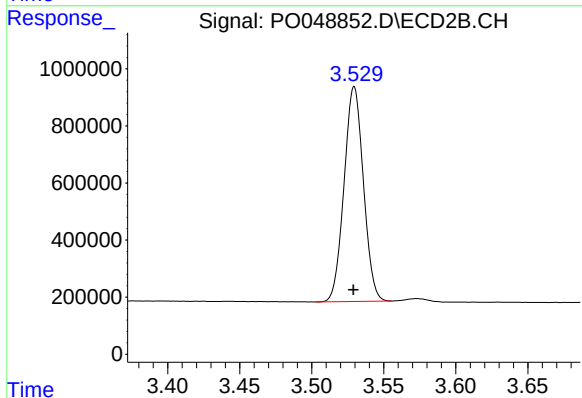
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

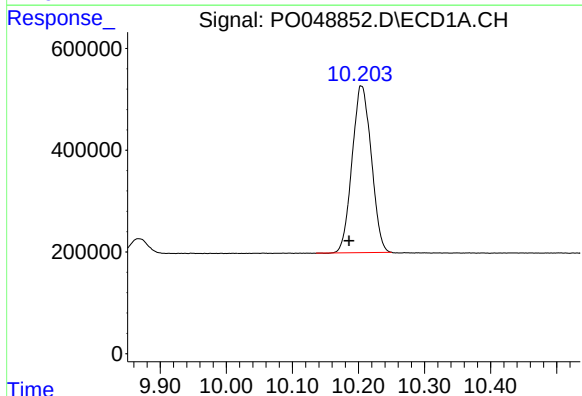
R.T.: 4.458 min
Delta R.T.: 0.011 min
Response: 7122537
Conc: 59.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



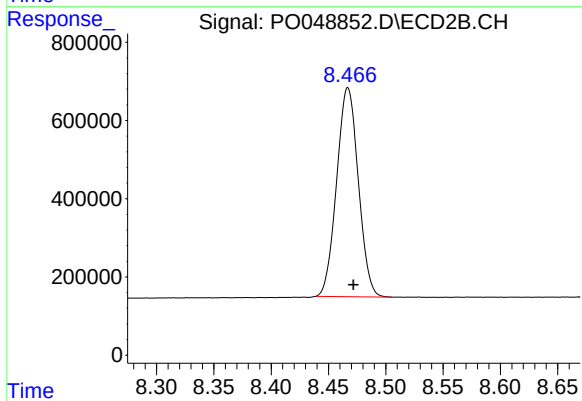
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 7045629
Conc: 45.08 ng/ml



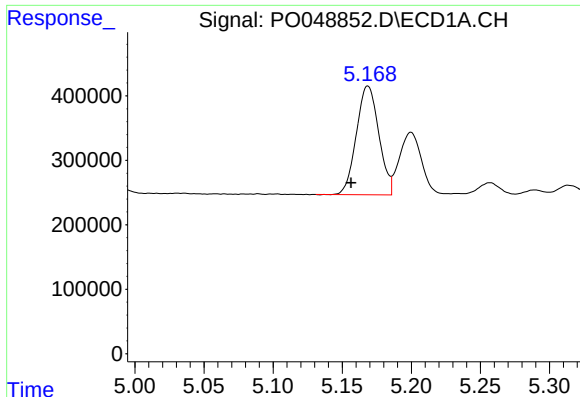
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: 0.018 min
Response: 6622626
Conc: 47.46 ng/ml



#2 Decachlorobiphenyl

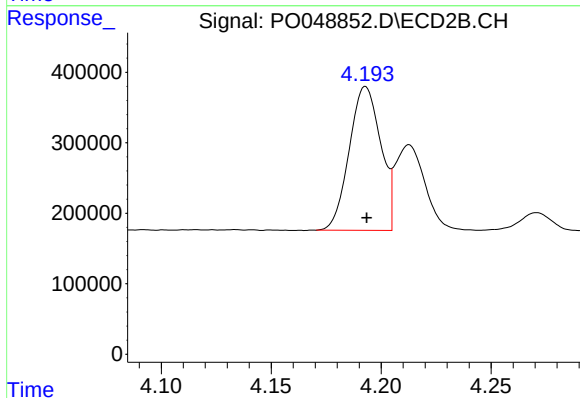
R.T.: 8.467 min
Delta R.T.: -0.005 min
Response: 7023888
Conc: 47.51 ng/ml



#3 AR-1016-1

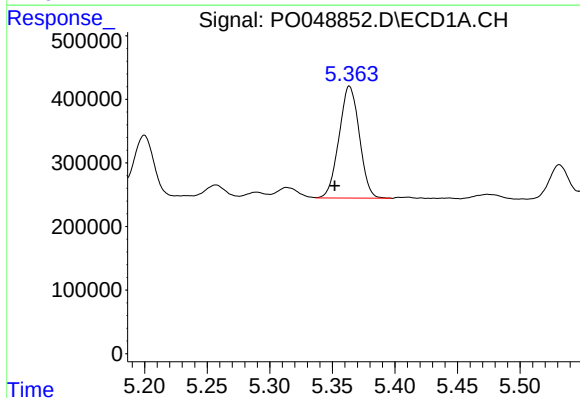
R.T.: 5.169 min
Delta R.T.: 0.012 min
Response: 1906648
Conc: 587.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



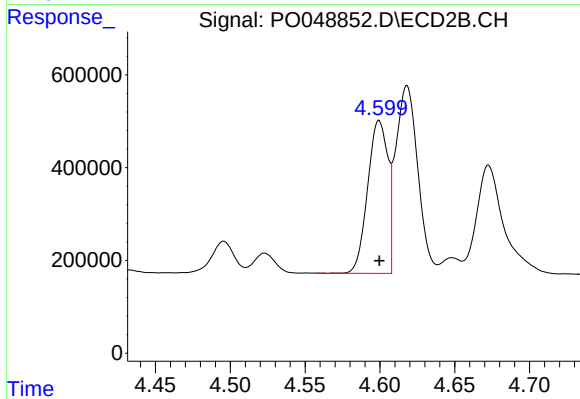
#3 AR-1016-1

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 2032035
Conc: 468.89 ng/ml



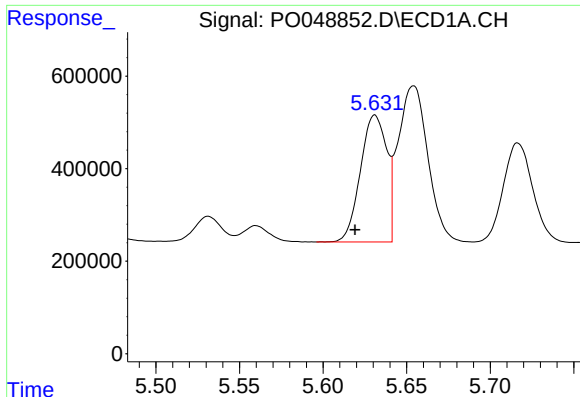
#4 AR-1016-2

R.T.: 5.364 min
Delta R.T.: 0.012 min
Response: 1990677
Conc: 578.82 ng/ml



#4 AR-1016-2

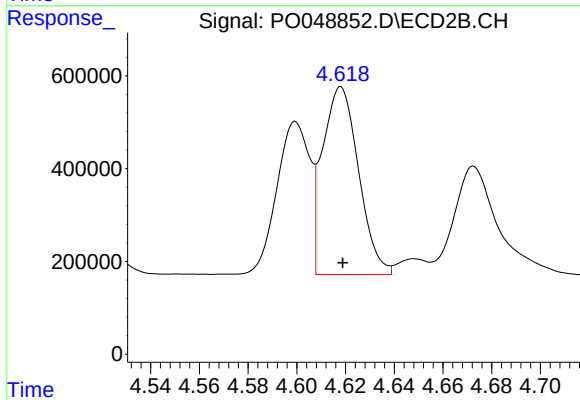
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 3087258
Conc: 479.45 ng/ml



#5 AR-1016-3

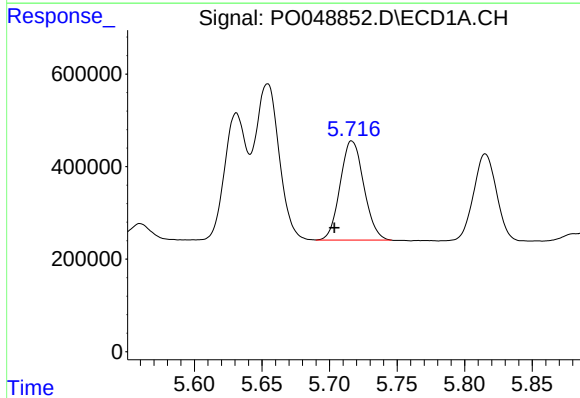
R.T.: 5.631 min
Delta R.T.: 0.012 min
Response: 2999309
Conc: 594.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



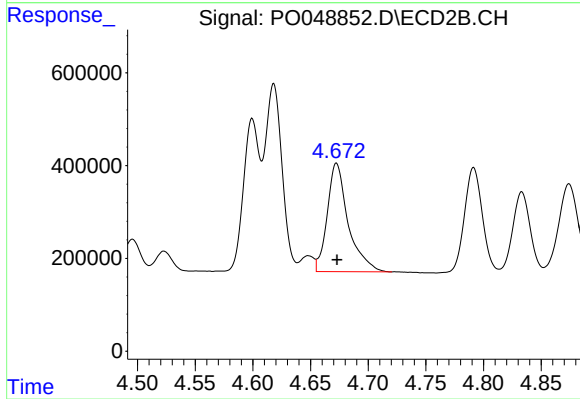
#5 AR-1016-3

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 4159287
Conc: 492.59 ng/ml



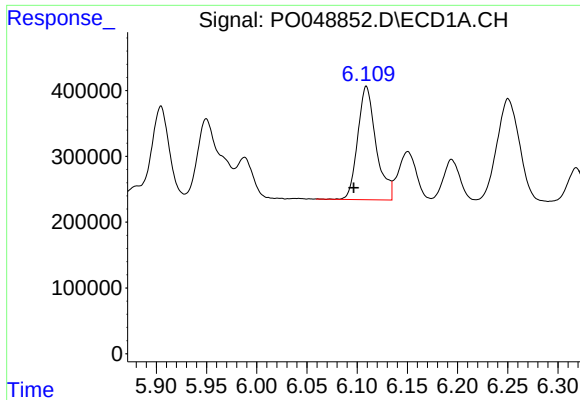
#6 AR-1016-4

R.T.: 5.717 min
Delta R.T.: 0.013 min
Response: 2606817
Conc: 566.37 ng/ml



#6 AR-1016-4

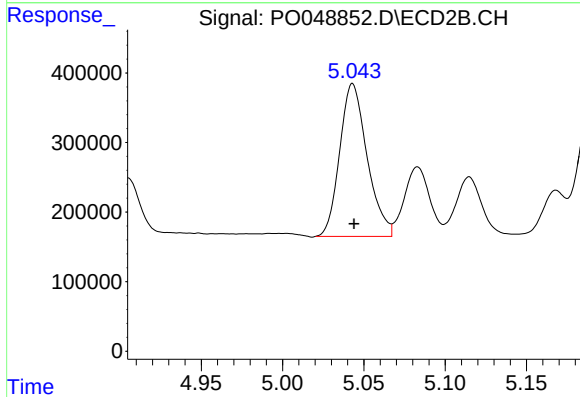
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 2953793
Conc: 502.81 ng/ml



#7 AR-1016-5

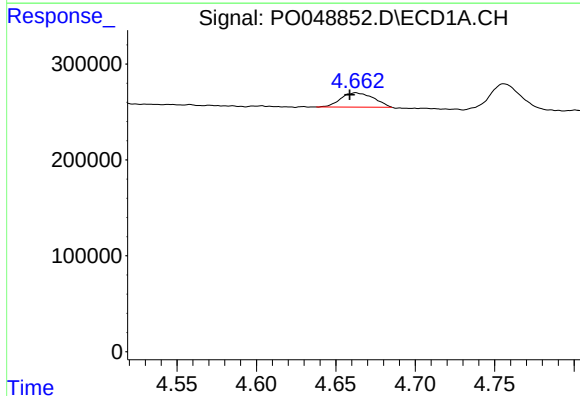
R.T.: 6.109 min
Delta R.T.: 0.013 min
Response: 2192740
Conc: 564.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



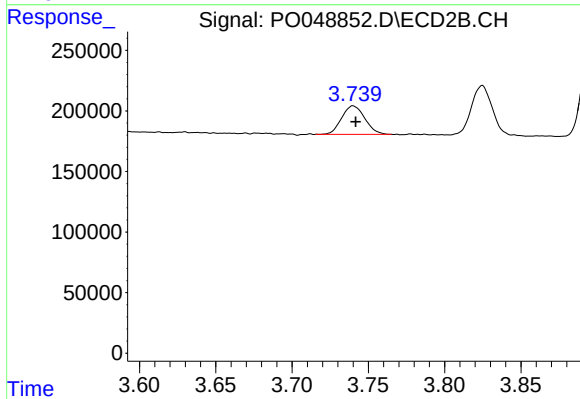
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 2574057
Conc: 497.90 ng/ml



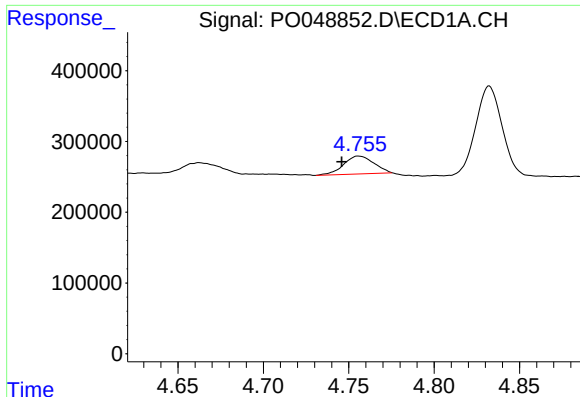
#8 AR-1221-1

R.T.: 4.663 min
Delta R.T.: 0.004 min
Response: 216272
Conc: 139.29 ng/ml



#8 AR-1221-1

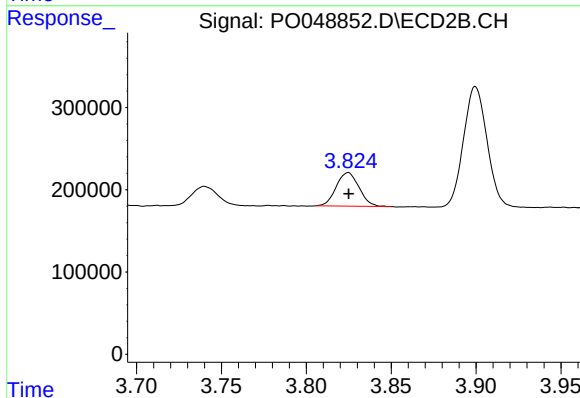
R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 247976
Conc: 115.84 ng/ml



#9 AR-1221-2

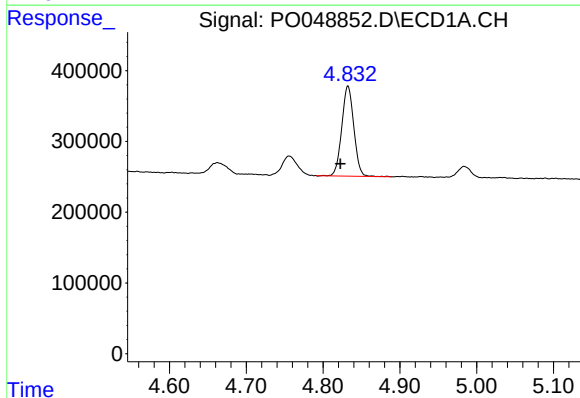
R.T.: 4.756 min
Delta R.T.: 0.010 min
Response: 313841
Conc: 262.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



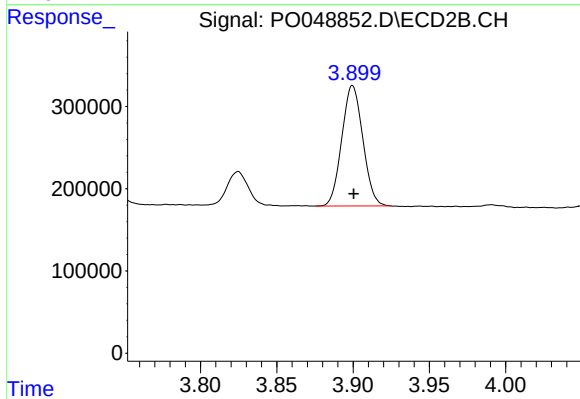
#9 AR-1221-2

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 381944
Conc: 235.63 ng/ml



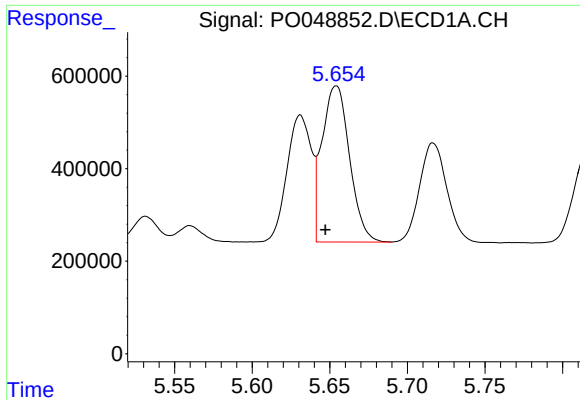
#10 AR-1221-3

R.T.: 4.832 min
Delta R.T.: 0.010 min
Response: 1379366
Conc: 365.62 ng/ml



#10 AR-1221-3

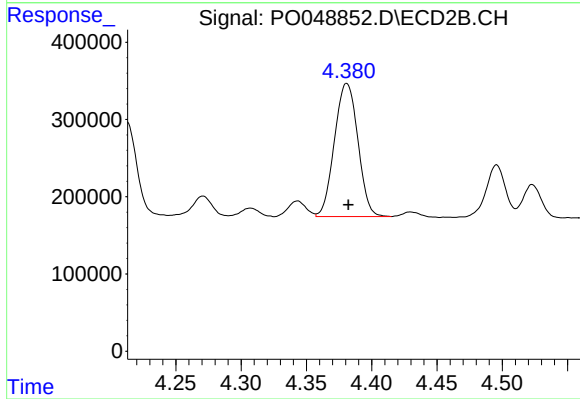
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 1408222
Conc: 285.96 ng/ml



#11 AR-1232-1

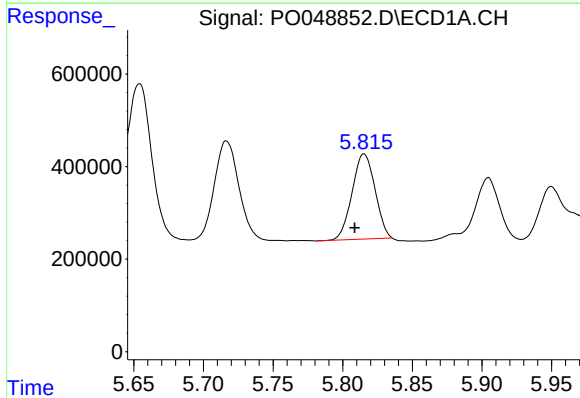
R.T.: 5.654 min
Delta R.T.: 0.007 min
Response: 4174441
Conc: 1504.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



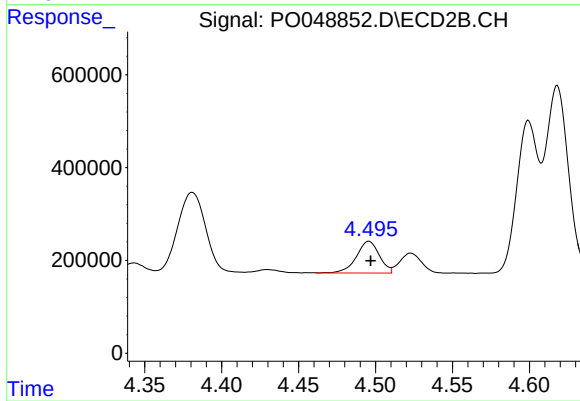
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 2157995
Conc: 1119.31 ng/ml



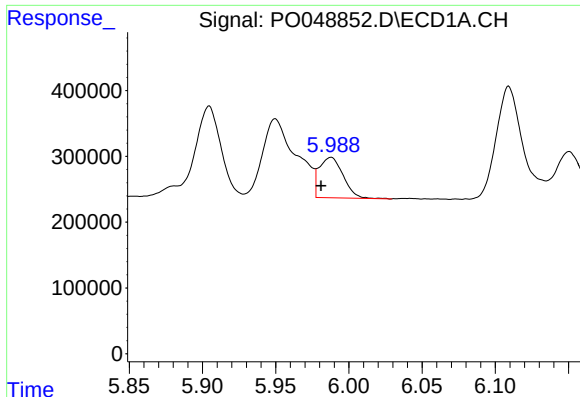
#12 AR-1232-2

R.T.: 5.815 min
Delta R.T.: 0.007 min
Response: 2114423
Conc: 1424.20 ng/ml



#12 AR-1232-2

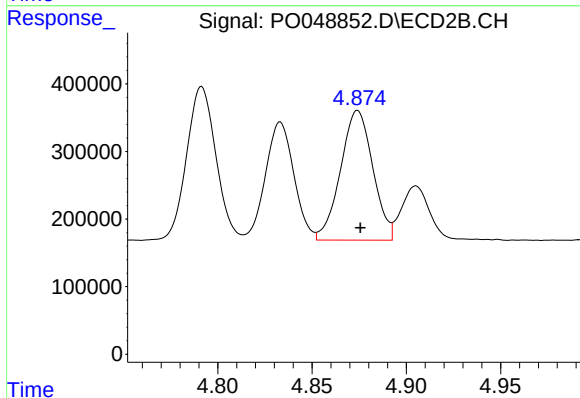
R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 709858
Conc: 1068.45 ng/ml



#13 AR-1232-3

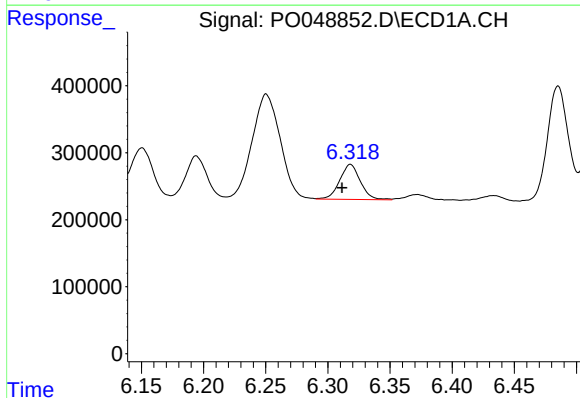
R.T.: 5.988 min
Delta R.T.: 0.007 min
Response: 696378
Conc: 1620.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



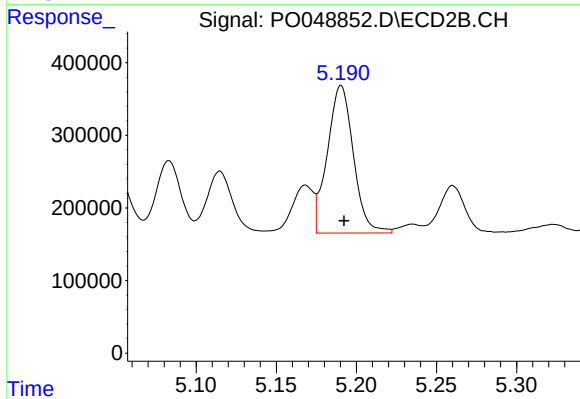
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 2288130
Conc: 1313.87 ng/ml



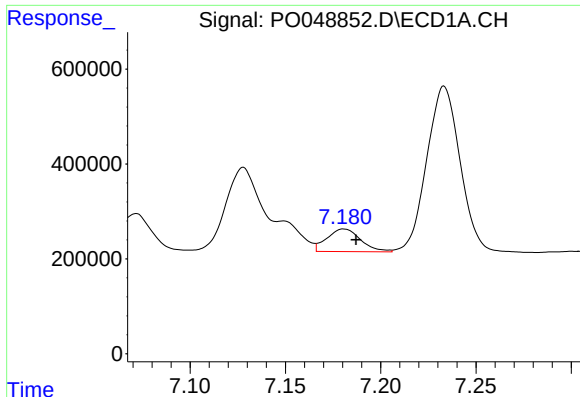
#14 AR-1232-4

R.T.: 6.318 min
Delta R.T.: 0.007 min
Response: 605251
Conc: 1527.82 ng/ml



#14 AR-1232-4

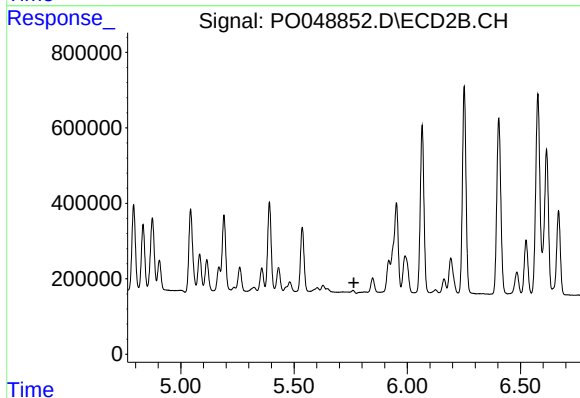
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 2303586
Conc: 1245.72 ng/ml



#15 AR-1232-5

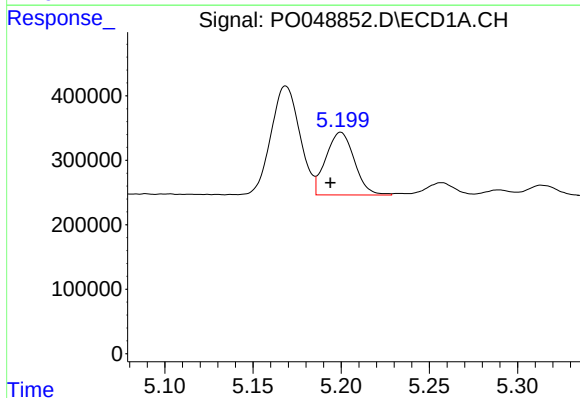
R.T.: 7.181 min
Delta R.T.: -0.006 min
Response: 587884
Conc: 2501.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



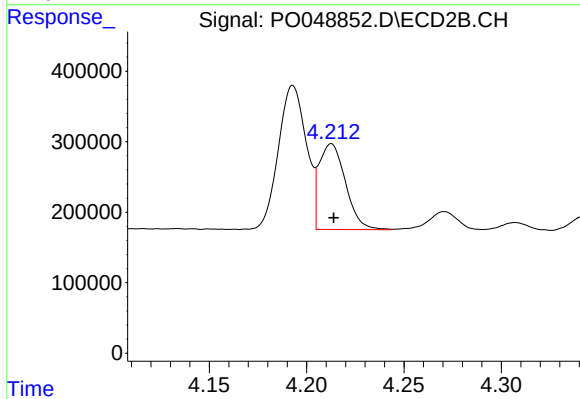
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.764 min
Response: 0
Conc: N.D.



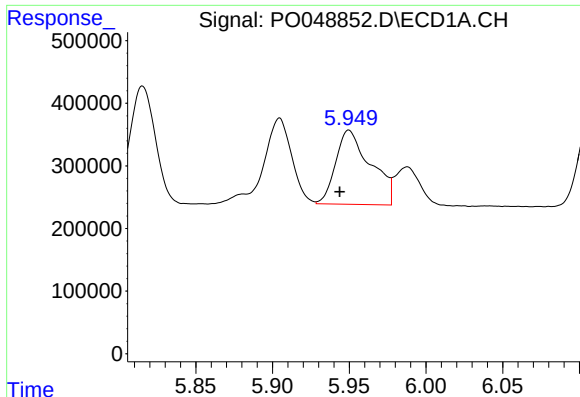
#16 AR-1242-1

R.T.: 5.200 min
Delta R.T.: 0.006 min
Response: 1092574
Conc: 733.12 ng/ml



#16 AR-1242-1

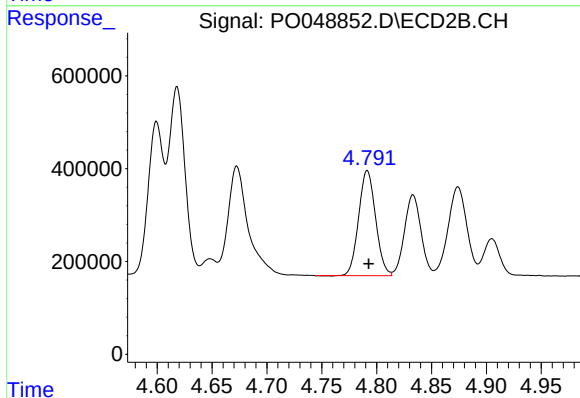
R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 1152060
Conc: 587.00 ng/ml



#17 AR-1242-2

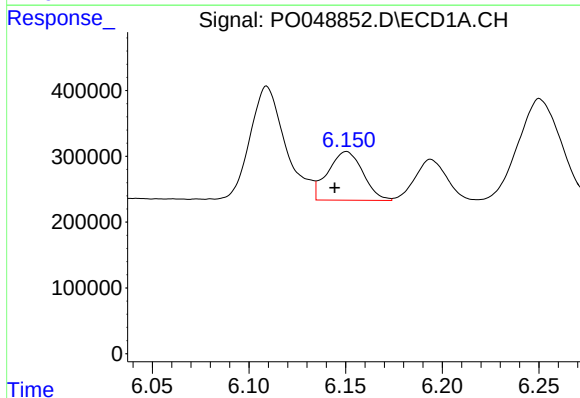
R.T.: 5.950 min
Delta R.T.: 0.006 min
Response: 1878940
Conc: 654.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



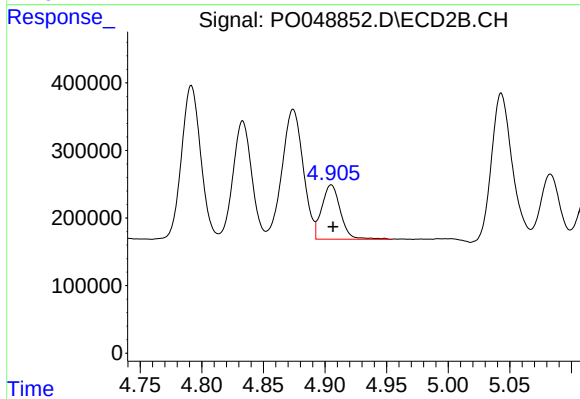
#17 AR-1242-2

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 2440536
Conc: 603.26 ng/ml



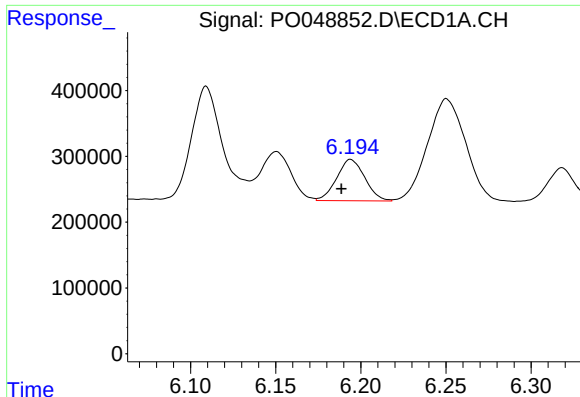
#18 AR-1242-3

R.T.: 6.150 min
Delta R.T.: 0.006 min
Response: 933077
Conc: 651.98 ng/ml



#18 AR-1242-3

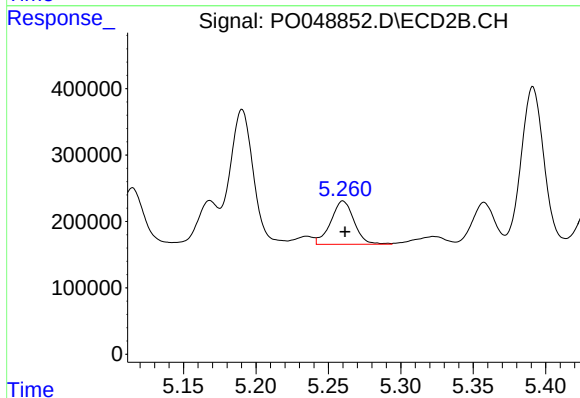
R.T.: 4.905 min
Delta R.T.: -0.001 min
Response: 844942
Conc: 590.14 ng/ml



#19 AR-1242-4

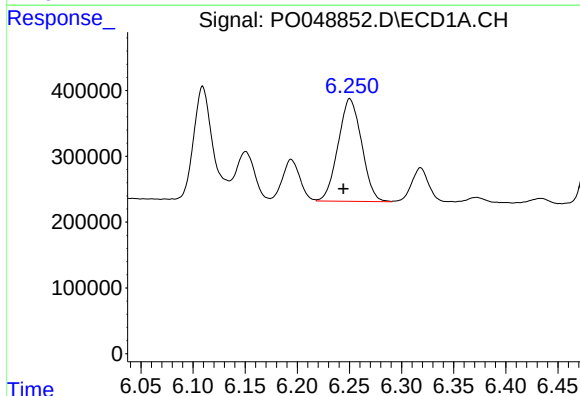
R.T.: 6.194 min
Delta R.T.: 0.006 min
Response: 721195
Conc: 653.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



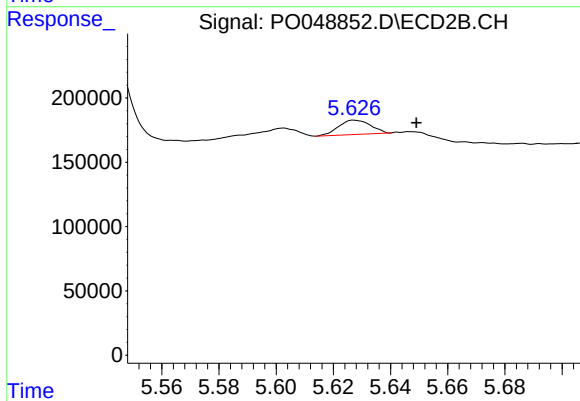
#19 AR-1242-4

R.T.: 5.260 min
Delta R.T.: -0.001 min
Response: 731147
Conc: 604.09 ng/ml



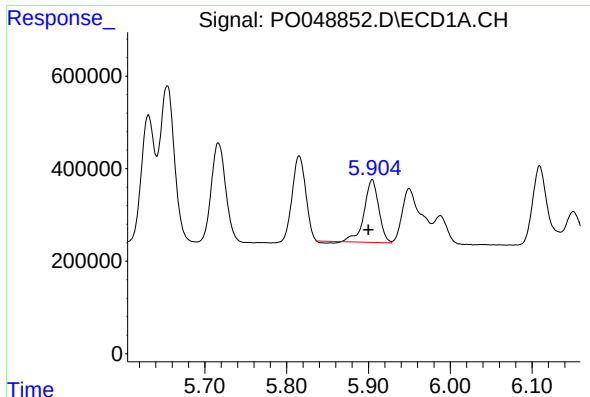
#20 AR-1242-5

R.T.: 6.250 min
Delta R.T.: 0.006 min
Response: 2449233
Conc: 644.32 ng/ml



#20 AR-1242-5

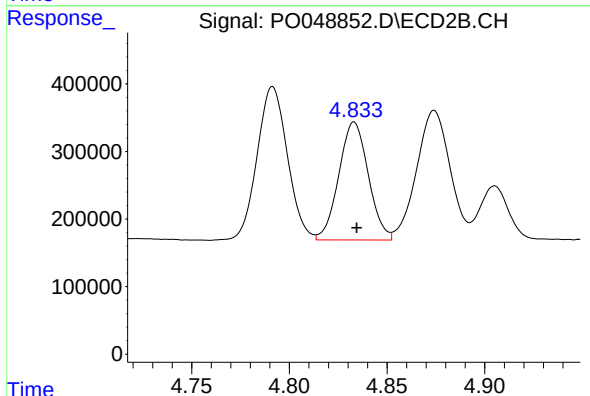
R.T.: 5.628 min
Delta R.T.: -0.021 min
Response: 86384
Conc: 27.94 ng/ml



#21 AR-1248-1

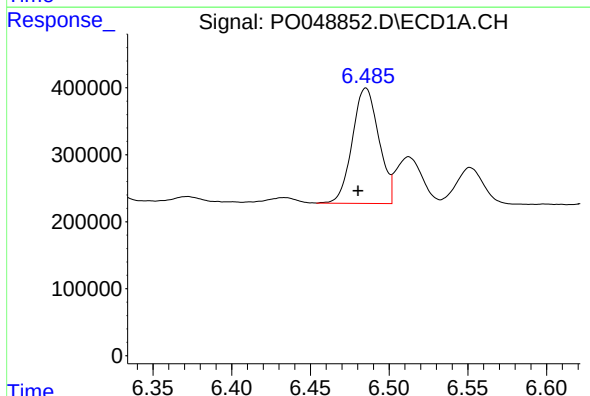
R.T.: 5.905 min
Delta R.T.: 0.005 min
Response: 1657997
Conc: 332.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



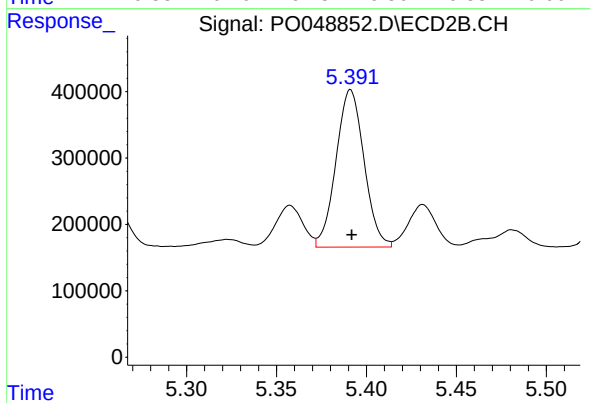
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: -0.001 min
Response: 1836893
Conc: 345.94 ng/ml



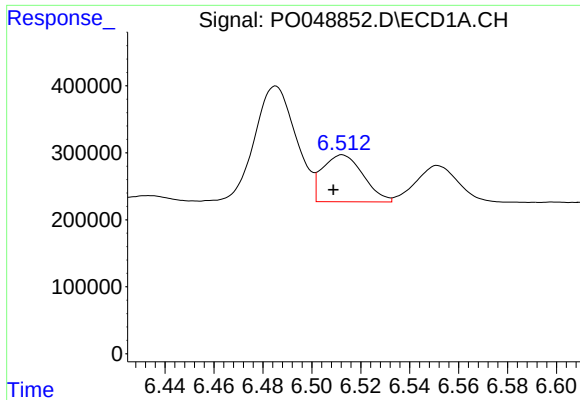
#22 AR-1248-2

R.T.: 6.485 min
Delta R.T.: 0.005 min
Response: 2017923
Conc: 385.58 ng/ml



#22 AR-1248-2

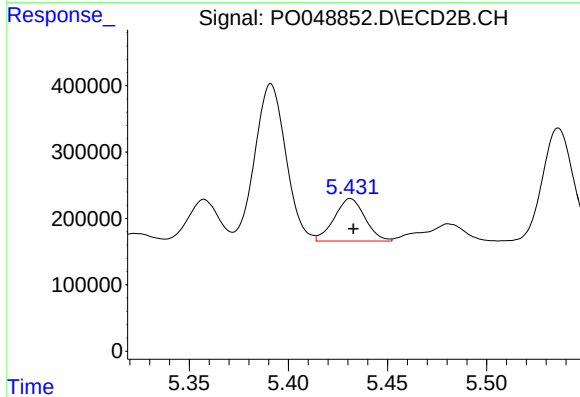
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 2574338
Conc: 268.07 ng/ml



#23 AR-1248-3

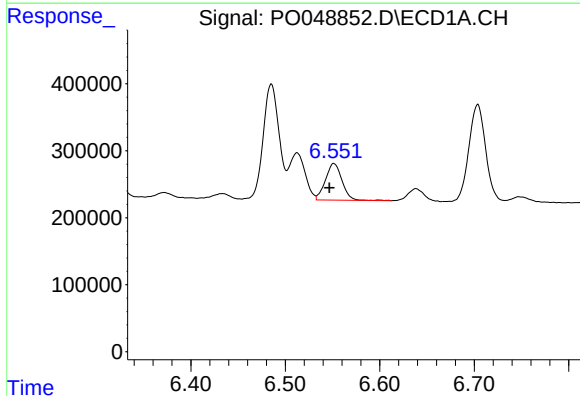
R.T.: 6.512 min
Delta R.T.: 0.004 min
Response: 808007
Conc: 118.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



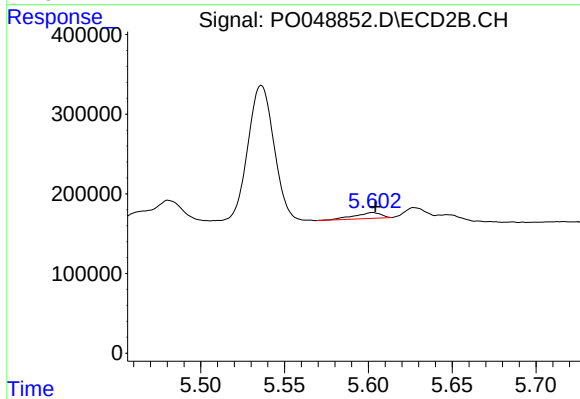
#23 AR-1248-3

R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 688578
Conc: 101.18 ng/ml



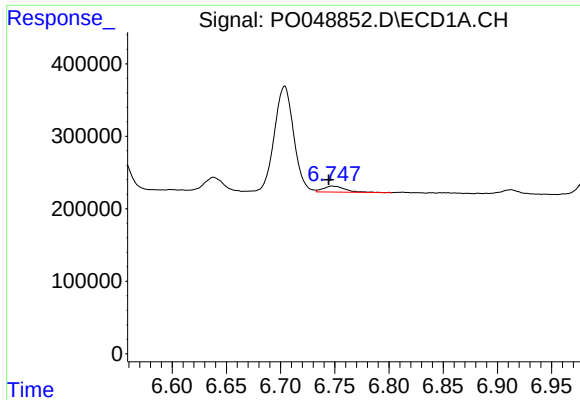
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: 0.005 min
Response: 663237
Conc: 100.73 ng/ml



#24 AR-1248-4

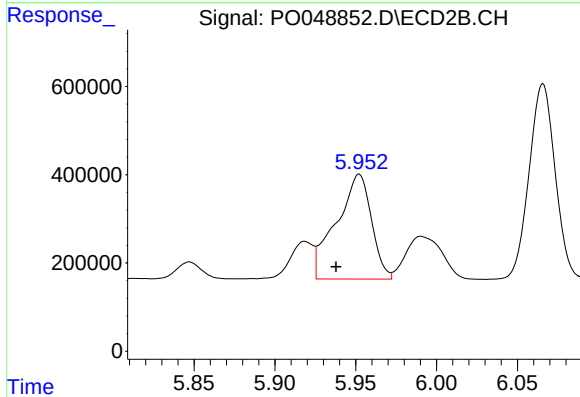
R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 81295
Conc: 13.38 ng/ml



#25 AR-1248-5

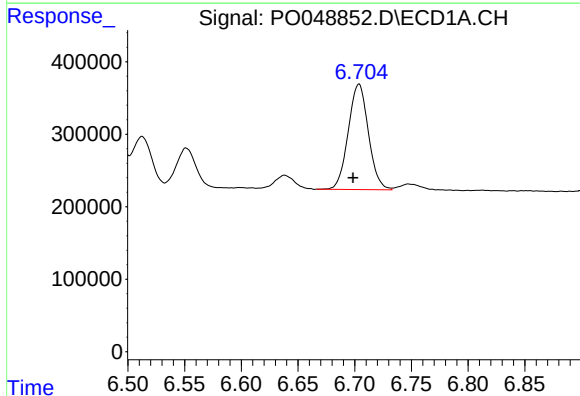
R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 117703
Conc: 25.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



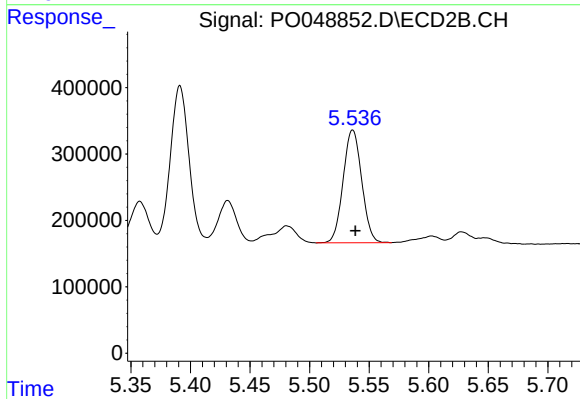
#25 AR-1248-5

R.T.: 5.952 min
Delta R.T.: 0.014 min
Response: 3597378
Conc: 772.93 ng/ml



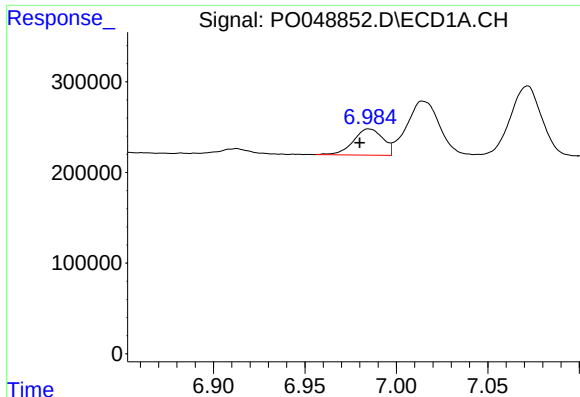
#26 AR-1254-1

R.T.: 6.704 min
Delta R.T.: 0.005 min
Response: 1802272
Conc: 159.08 ng/ml



#26 AR-1254-1

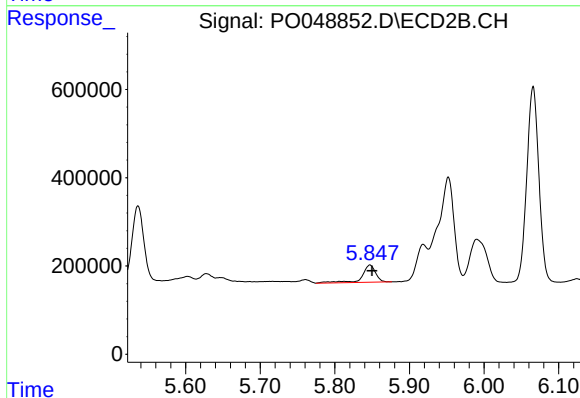
R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 1843445
Conc: 181.67 ng/ml



#27 AR-1254-2

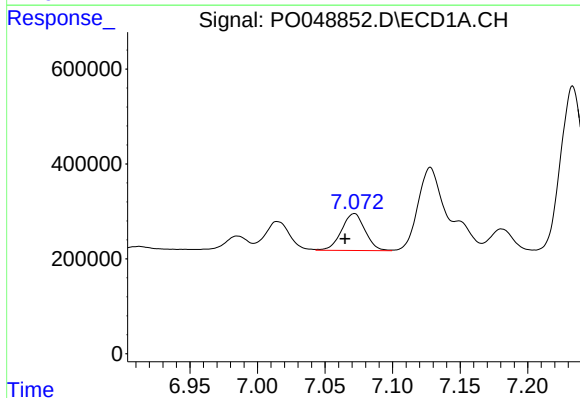
R.T.: 6.985 min
Delta R.T.: 0.005 min
Response: 326123
Conc: 44.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



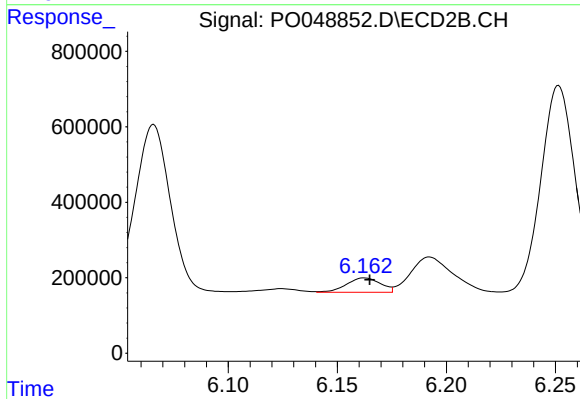
#27 AR-1254-2

R.T.: 5.847 min
Delta R.T.: -0.002 min
Response: 489296
Conc: 55.47 ng/ml



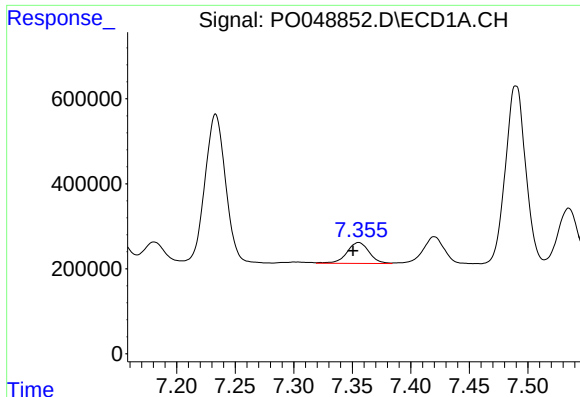
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.007 min
Response: 948408
Conc: 74.47 ng/ml



#28 AR-1254-3

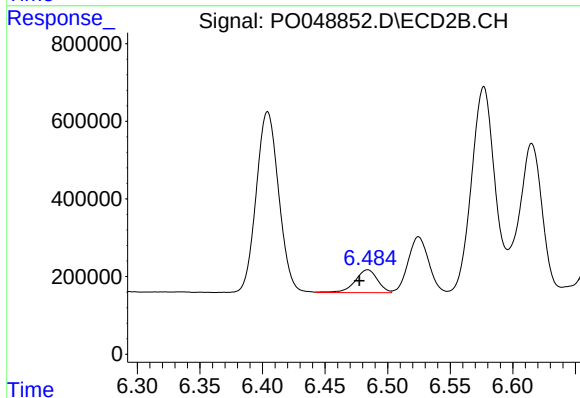
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 412115
Conc: 37.39 ng/ml



#29 AR-1254-4

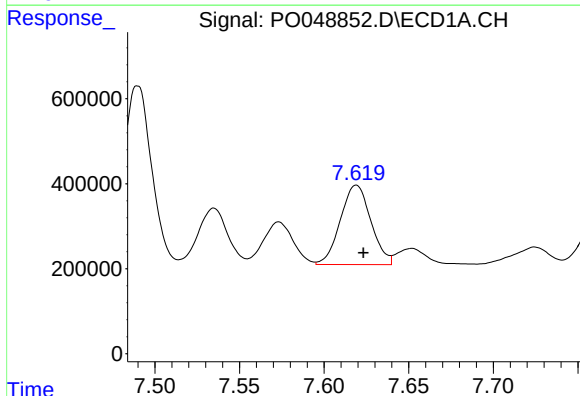
R.T.: 7.356 min
Delta R.T.: 0.005 min
Response: 652789
Conc: 67.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



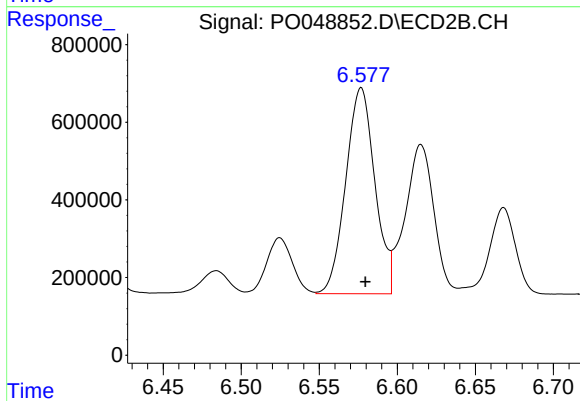
#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: 0.007 min
Response: 732804
Conc: 90.22 ng/ml



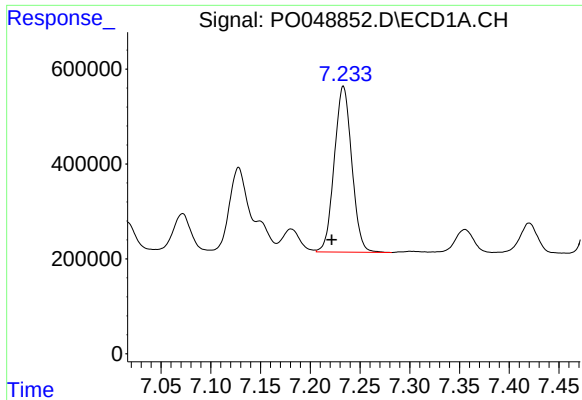
#30 AR-1254-5

R.T.: 7.619 min
Delta R.T.: -0.004 min
Response: 2348436
Conc: 303.86 ng/ml



#30 AR-1254-5

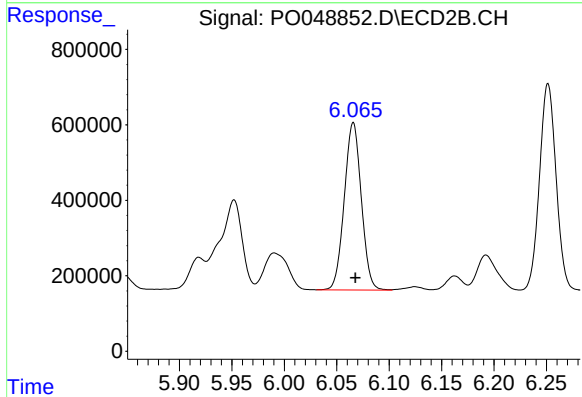
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 6898632
Conc: 455.18 ng/ml



#31 AR-1260-1

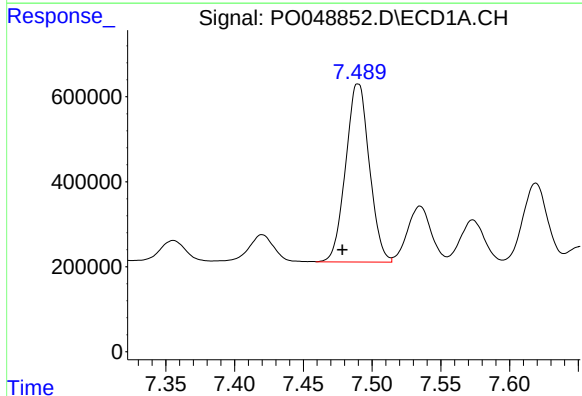
R.T.: 7.233 min
Delta R.T.: 0.012 min
Response: 4268965
Conc: 518.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



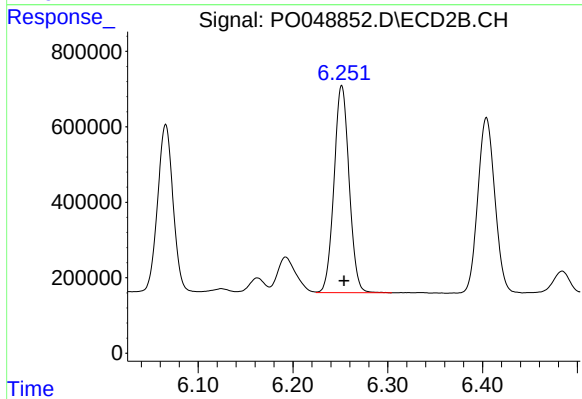
#31 AR-1260-1

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 5010142
Conc: 481.27 ng/ml



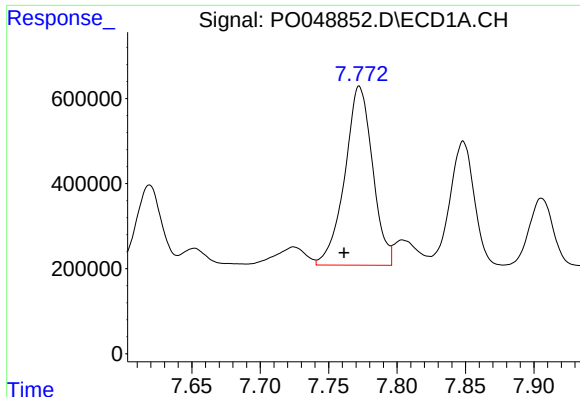
#32 AR-1260-2

R.T.: 7.490 min
Delta R.T.: 0.011 min
Response: 5029775
Conc: 511.86 ng/ml



#32 AR-1260-2

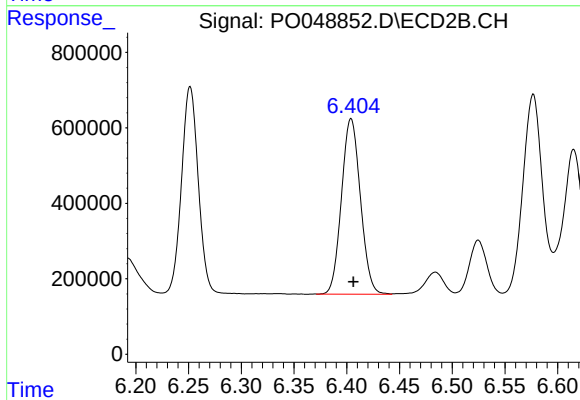
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 6076255
Conc: 485.22 ng/ml



#33 AR-1260-3

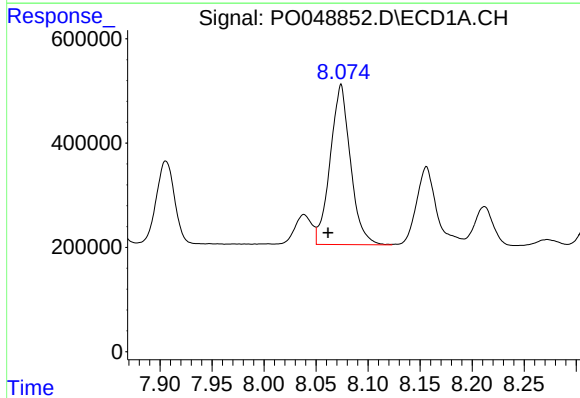
R.T.: 7.772 min
Delta R.T.: 0.011 min
Response: 5950933
Conc: 498.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



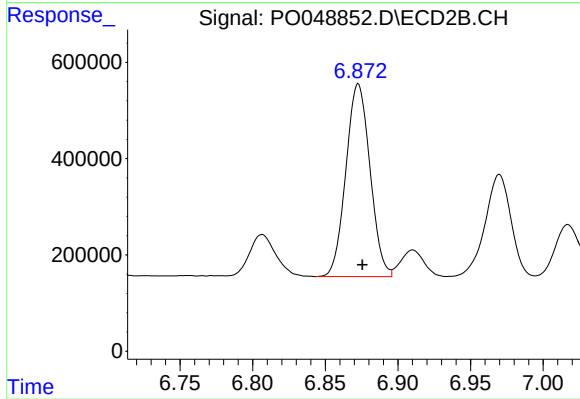
#33 AR-1260-3

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 5800704
Conc: 488.92 ng/ml



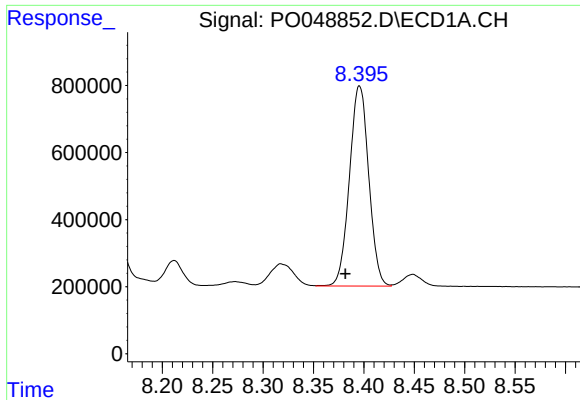
#34 AR-1260-4

R.T.: 8.074 min
Delta R.T.: 0.013 min
Response: 4161934
Conc: 484.91 ng/ml



#34 AR-1260-4

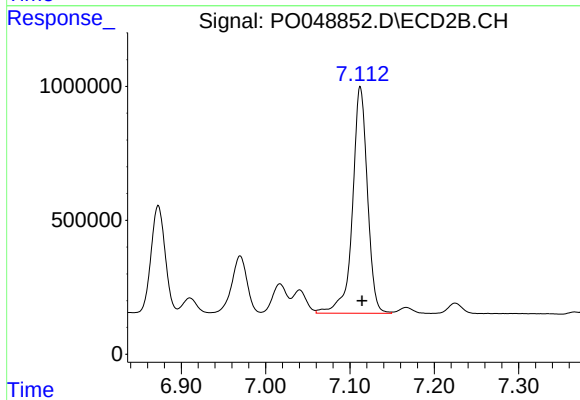
R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 4633982
Conc: 489.80 ng/ml



#35 AR-1260-5

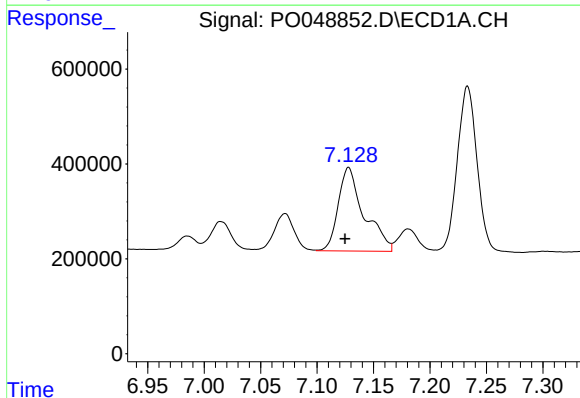
R.T.: 8.396 min
Delta R.T.: 0.014 min
Response: 7946624
Conc: 478.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



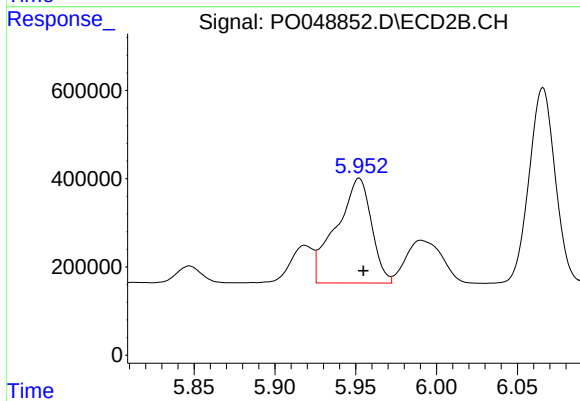
#35 AR-1260-5

R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 10444558
Conc: 480.99 ng/ml



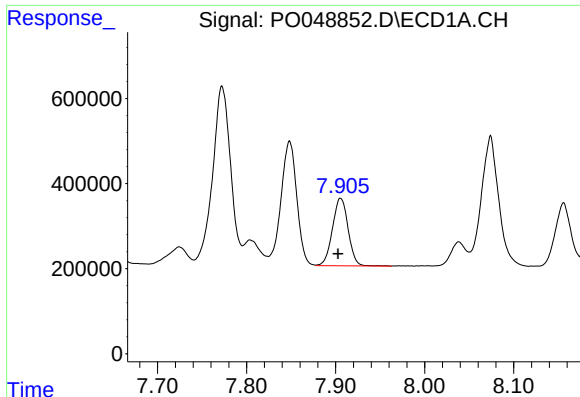
#36 AR-1262-1

R.T.: 7.128 min
Delta R.T.: 0.003 min
Response: 2799939
Conc: 573.44 ng/ml



#36 AR-1262-1

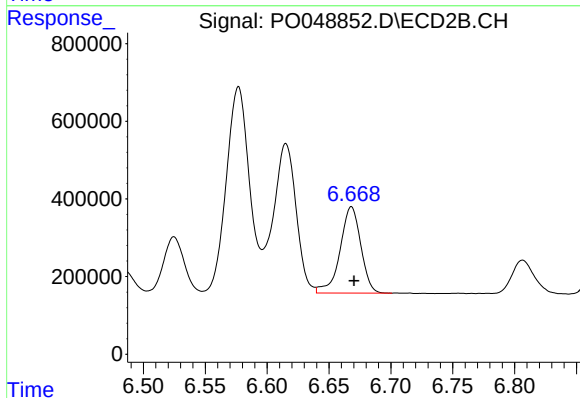
R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 3597378
Conc: 653.53 ng/ml



#37 AR-1262-2

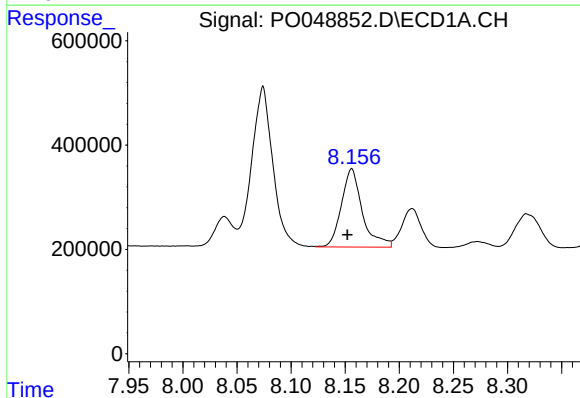
R.T.: 7.906 min
Delta R.T.: 0.003 min
Response: 1943393
Conc: 447.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



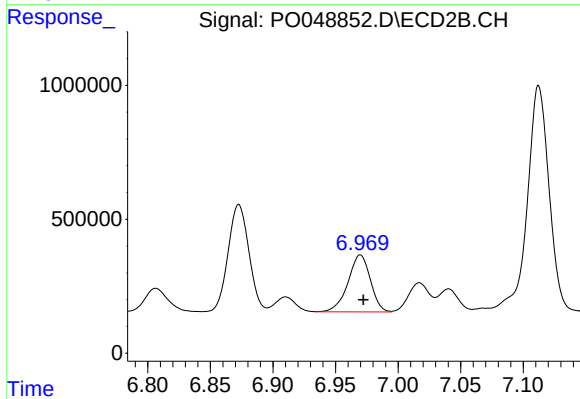
#37 AR-1262-2

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2592837
Conc: 478.80 ng/ml



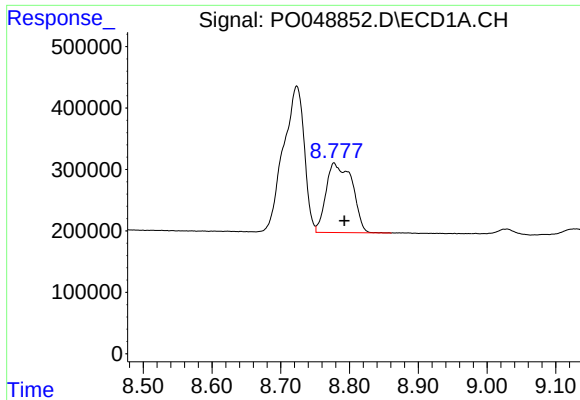
#38 AR-1262-3

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 2029014
Conc: 417.65 ng/ml



#38 AR-1262-3

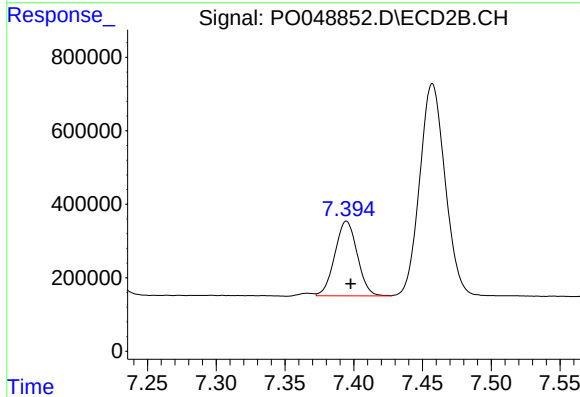
R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 2655345
Conc: 445.14 ng/ml



#39 AR-1262-4

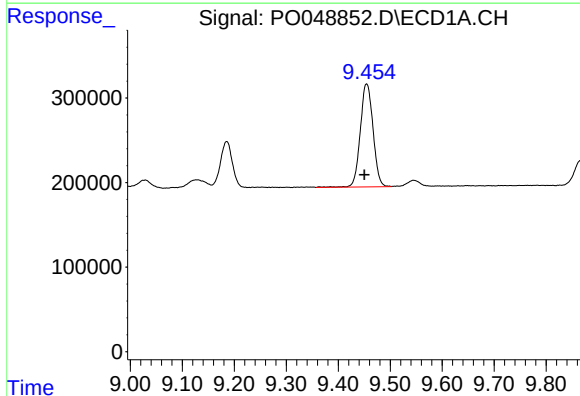
R.T.: 8.778 min
Delta R.T.: -0.015 min
Response: 2981777
Conc: 566.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



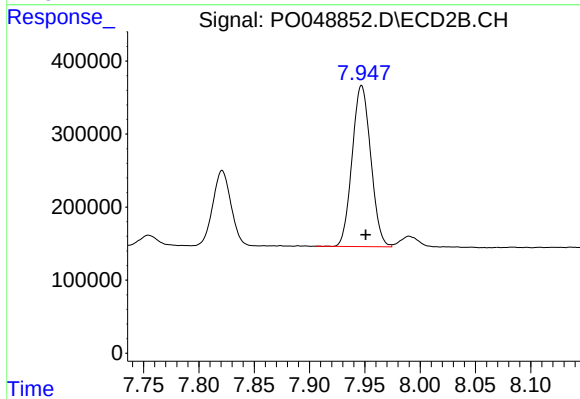
#39 AR-1262-4

R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 2316429
Conc: 260.96 ng/ml



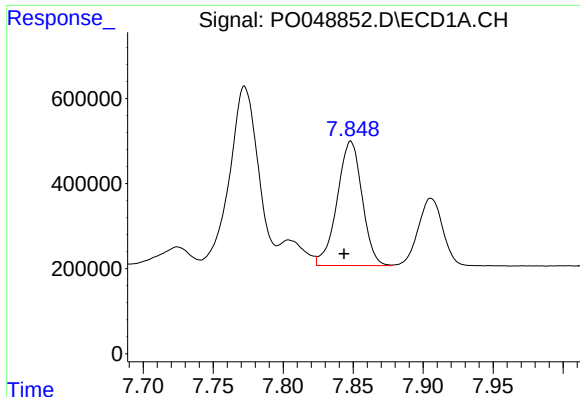
#40 AR-1262-5

R.T.: 9.455 min
Delta R.T.: 0.004 min
Response: 2077614
Conc: 309.37 ng/ml



#40 AR-1262-5

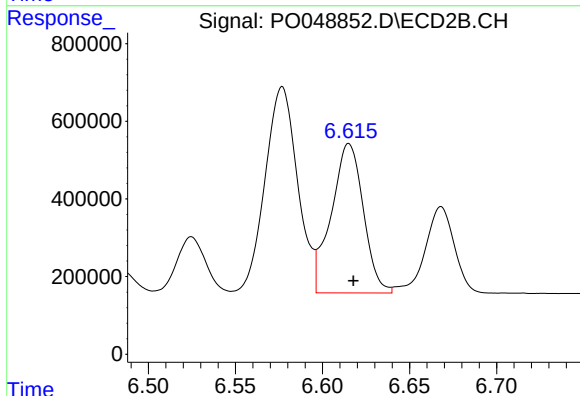
R.T.: 7.947 min
Delta R.T.: -0.004 min
Response: 2585334
Conc: 341.80 ng/ml



#41 AR-1268-1

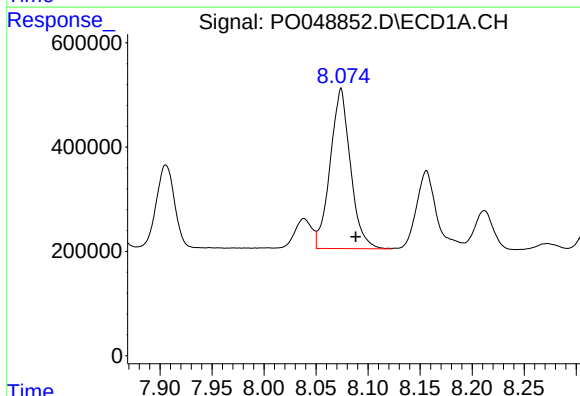
R.T.: 7.848 min
Delta R.T.: 0.005 min
Response: 3624312
Conc: 848.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



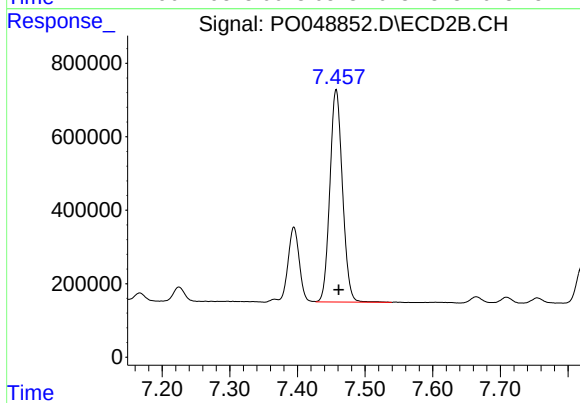
#41 AR-1268-1

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 4938911
Conc: 905.01 ng/ml



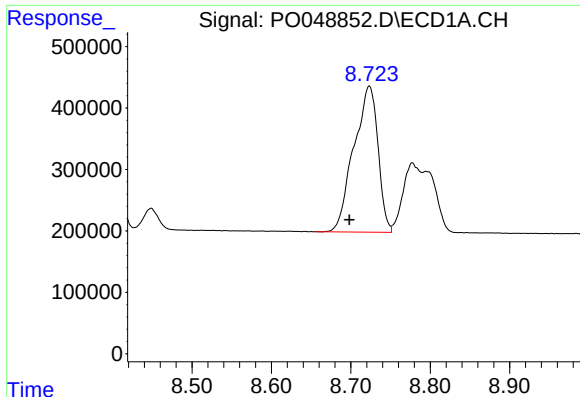
#42 AR-1268-2

R.T.: 8.074 min
Delta R.T.: -0.014 min
Response: 4161934
Conc: 762.94 ng/ml



#42 AR-1268-2

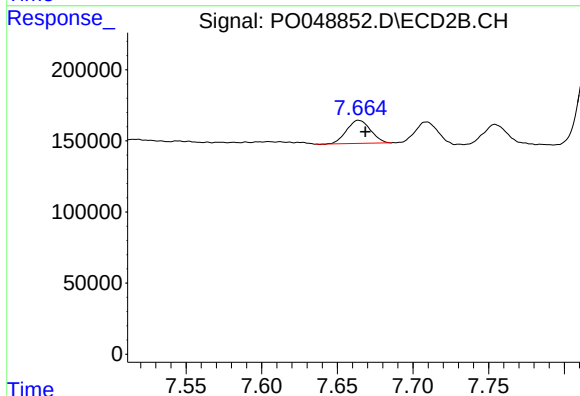
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 7476040
Conc: 314.45 ng/ml



#43 AR-1268-3

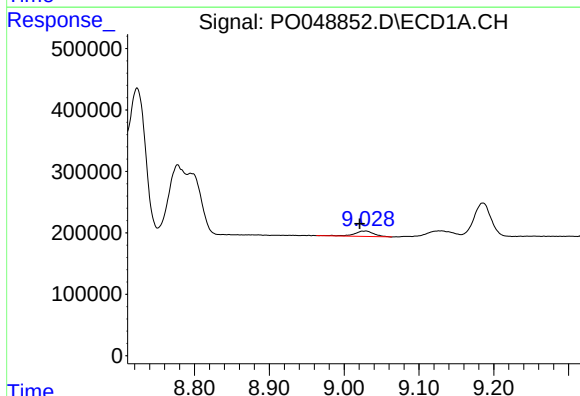
R.T.: 8.723 min
Delta R.T.: 0.025 min
Response: 5026673
Conc: 227.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



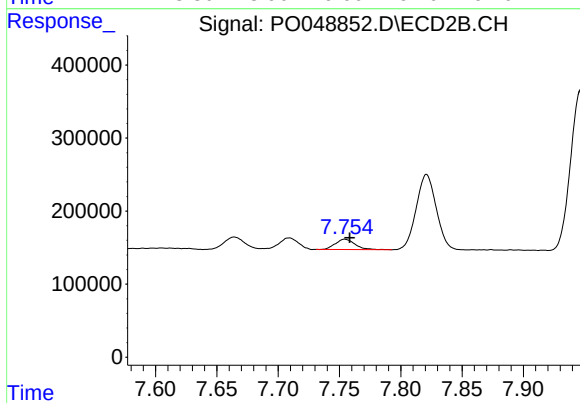
#43 AR-1268-3

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 178386
Conc: 9.11 ng/ml



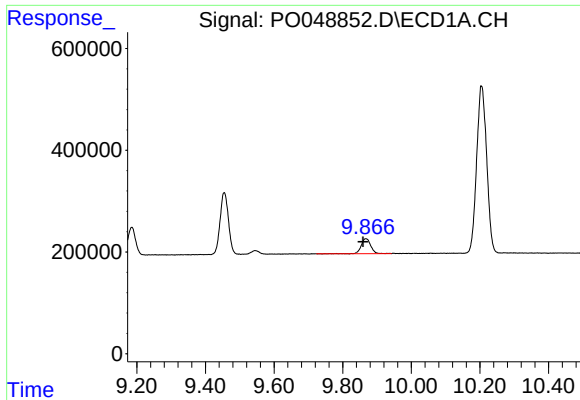
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: 0.008 min
Response: 160841
Conc: 9.44 ng/ml



#44 AR-1268-4

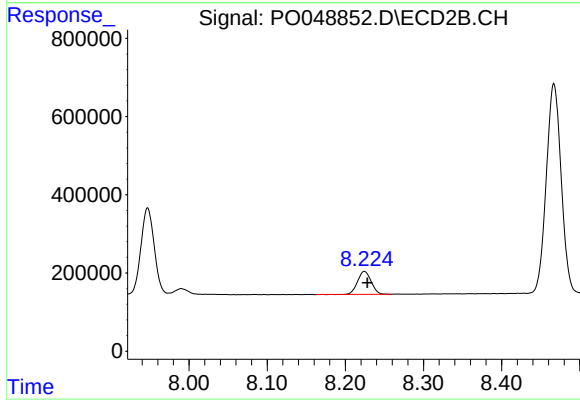
R.T.: 7.754 min
Delta R.T.: -0.004 min
Response: 156888
Conc: 27.93 ng/ml



#45 AR-1268-5

R.T.: 9.867 min
Delta R.T.: 0.008 min
Response: 571474
Conc: 11.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 712768
Conc: 13.07 ng/ml