

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090518\
 Data File : P0048752.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Sep 2018 15:51
 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 06 02:10:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 05 03:48:40 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...	4.445	3.529	7877075	9114785	65.284	58.314
2)	SA Decachlor...	10.189	8.468	6651302	6861457	47.670	46.408
Target Compounds							
3)	L1 AR-1016-1	5.155	4.193	1785877	2497268	550.010	576.246
4)	L1 AR-1016-2	5.350	4.599	1801624	3677907	523.845	571.176
5)	L1 AR-1016-3	5.618	4.617	2397797	4928366	474.888	583.671
6)	L1 AR-1016-4	5.703	4.672	2090508	3463534	454.196	589.578 #
7)	L1 AR-1016-5	6.097	5.043	1855633	3521751	478.116	681.213 #
8)	L2 AR-1221-1	4.651	3.739	248568	329235	160.087	153.793
9)	L2 AR-1221-2	4.743	3.824	356356	486590	297.982	300.190
10)	L2 AR-1221-3	4.819	3.899	1402865	1773450	371.845	360.119
11)	L3 AR-1232-1	5.641	4.381	3343635	2640260	1205.309	1369.453
12)	L3 AR-1232-2	5.802	4.495	1747417	858542	1176.999	1292.247
13)	L3 AR-1232-3	5.975	4.874	633153	2632723	1473.131	1511.744
14)	L3 AR-1232-4	6.306	5.190	832450	3107400	2101.327	1680.401
15)	L3 AR-1232-5	7.168	0.000	628524	0	2673.912	N.D. #
16)	L4 AR-1242-1	5.187	4.212	981843	1420911	658.820	723.981
17)	L4 AR-1242-2	5.937	4.791	1590779	2776607	553.793	686.334
18)	L4 AR-1242-3	6.138	4.905	869738	951112	607.719	664.294
19)	L4 AR-1242-4	6.181	5.260	727056	1408868	658.787	1164.033 #
20)	L4 AR-1242-5	6.237	5.627	2292448	315980	603.073	102.192 #
21)	L5 AR-1248-1	5.891	4.833	1497262	2114715	299.822	398.258 #
22)	L5 AR-1248-2	6.473	5.391	2114360	3020053	404.009	314.486
23)	L5 AR-1248-3	6.500	5.430	767682	1297248	112.777	190.614 #
24)	L5 AR-1248-4	6.539	5.602	624702	224713	94.882	36.989 #
25)	L5 AR-1248-5	6.691	5.952	1448228	3577945	318.508	768.759 #
26)	L6 AR-1254-1	6.691	5.536	1448228	2154072	127.828	212.283 #
27)	L6 AR-1254-2	6.973	5.847	280193	892136	38.150	101.133 #
28)	L6 AR-1254-3	7.059	6.162	981520	383962	77.071	34.835 #
29)	L6 AR-1254-4	7.344	6.484	969505	670928	99.999	82.602
30)	L6 AR-1254-5	7.607	6.576	2163964	6642999	279.988	438.309 #
31)	L7 AR-1260-1	7.222	6.065	3980041	4965801	483.082	477.011
32)	L7 AR-1260-2	7.479	6.251	4549675	6067320	462.998	484.509
33)	L7 AR-1260-3	7.762	6.404	5209245	5633048	436.574	474.789
34)	L7 AR-1260-4	8.063	6.873	3562322	4329910	415.045	457.656
35)	L7 AR-1260-5	8.384	7.112	7114548	10024894	428.542	461.661
36)	L8 AR-1262-1	7.116	5.952	2577706	3577945	527.928	649.999
37)	L8 AR-1262-2	7.895	6.667	1667939	2417056	383.876	446.343
38)	L8 AR-1262-3	8.144	6.970	1734917	2421330	357.112	405.910
39)	L8 AR-1262-4	8.783	7.395	1166710	2496694	221.644	281.263 #
40)	L8 AR-1262-5	9.442	7.948	2058012	2359533	306.452	311.952
41)	L9 AR-1268-1	7.837	6.615	3180673	4689944	744.695	859.390

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 Acq On : 05 Sep 2018 15:51
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

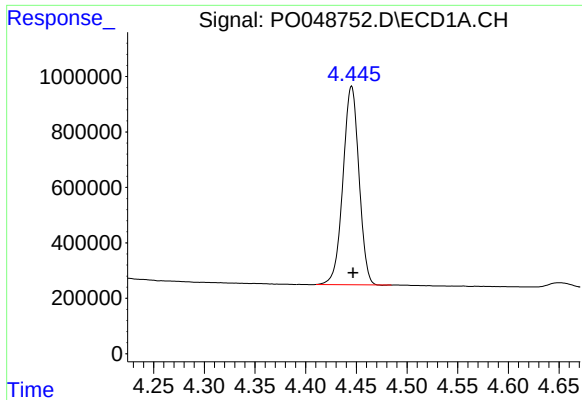
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 02:10:38 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	8.063	7.457	3562322	7570803	653.020	318.437 #
43) L9	AR-1268-3	8.712	7.665	4550101	124538	205.819	6.362 #
44) L9	AR-1268-4	9.016	7.755	122205	99815	7.175	17.771 #
45) L9	AR-1268-5	9.852	8.225	550756	637387	10.624	11.689

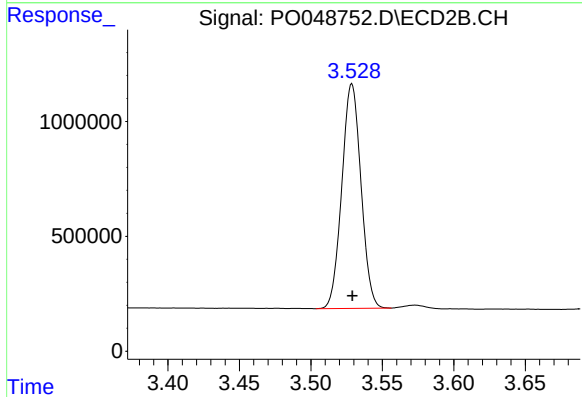
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

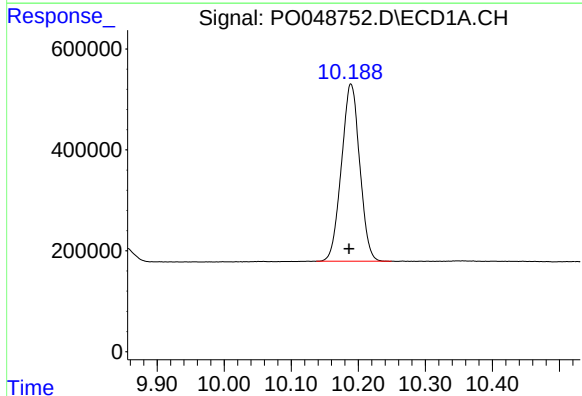
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 7877075
Conc: 65.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



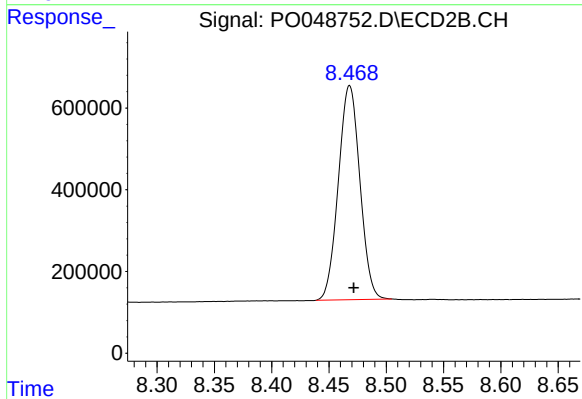
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 9114785
Conc: 58.31 ng/ml



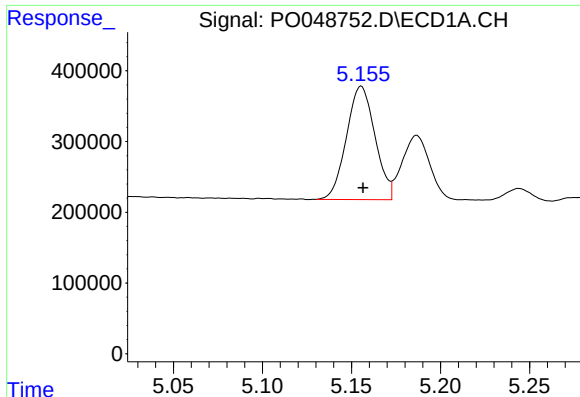
#2 Decachlorobiphenyl

R.T.: 10.189 min
Delta R.T.: 0.003 min
Response: 6651302
Conc: 47.67 ng/ml



#2 Decachlorobiphenyl

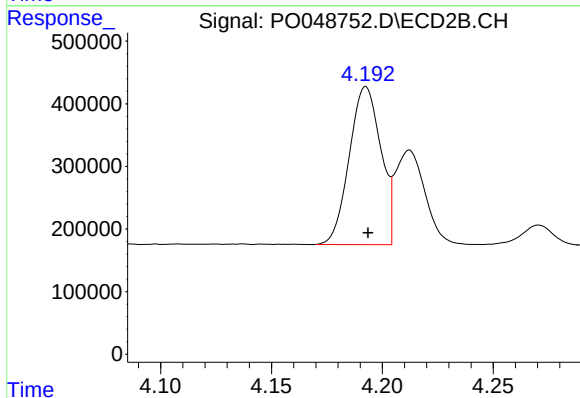
R.T.: 8.468 min
Delta R.T.: -0.004 min
Response: 6861457
Conc: 46.41 ng/ml



#3 AR-1016-1

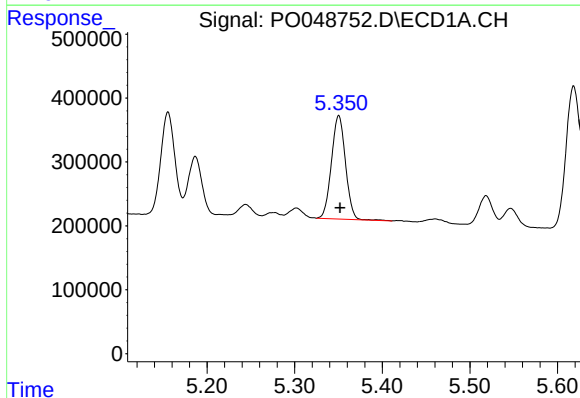
R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 1785877
Conc: 550.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



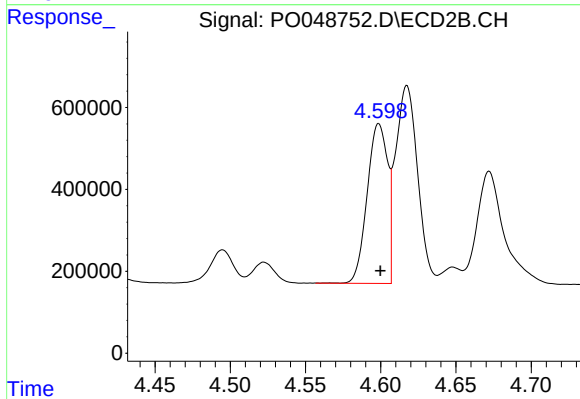
#3 AR-1016-1

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 2497268
Conc: 576.25 ng/ml



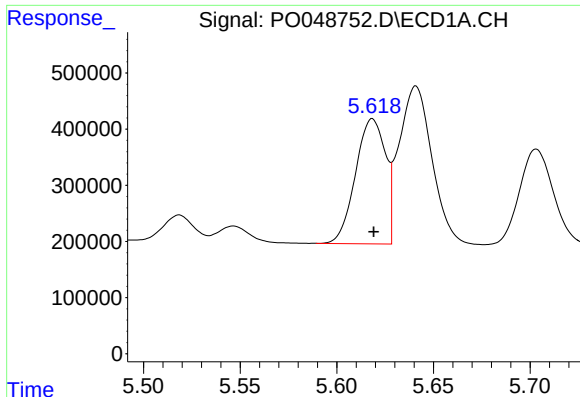
#4 AR-1016-2

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 1801624
Conc: 523.85 ng/ml



#4 AR-1016-2

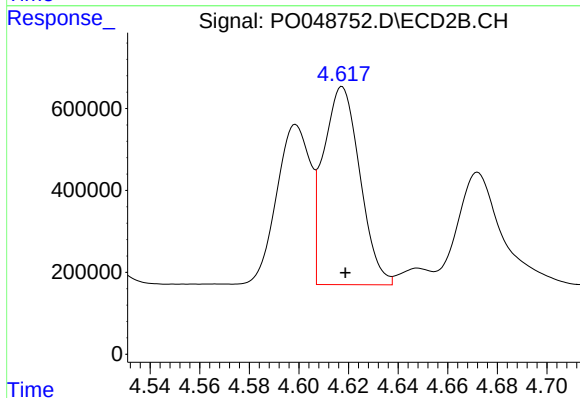
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 3677907
Conc: 571.18 ng/ml



#5 AR-1016-3

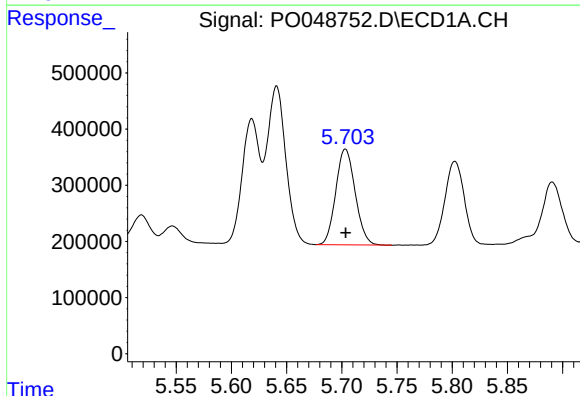
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 2397797
Conc: 474.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



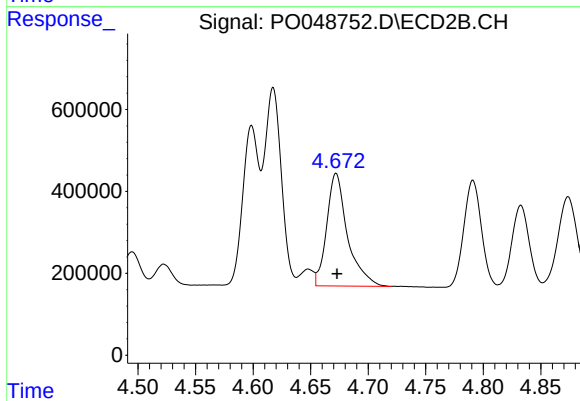
#5 AR-1016-3

R.T.: 4.617 min
Delta R.T.: -0.001 min
Response: 4928366
Conc: 583.67 ng/ml



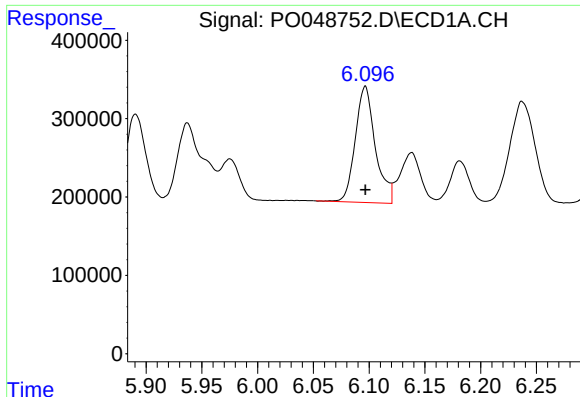
#6 AR-1016-4

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 2090508
Conc: 454.20 ng/ml



#6 AR-1016-4

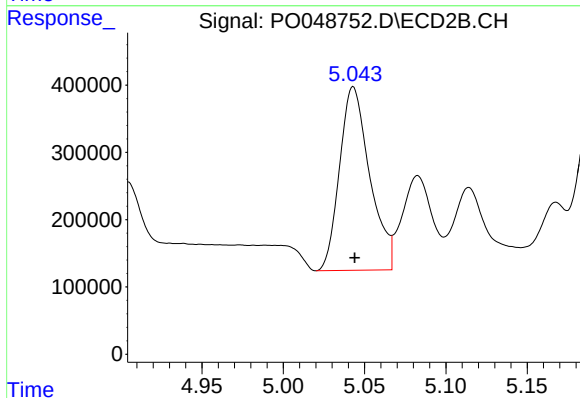
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 3463534
Conc: 589.58 ng/ml



#7 AR-1016-5

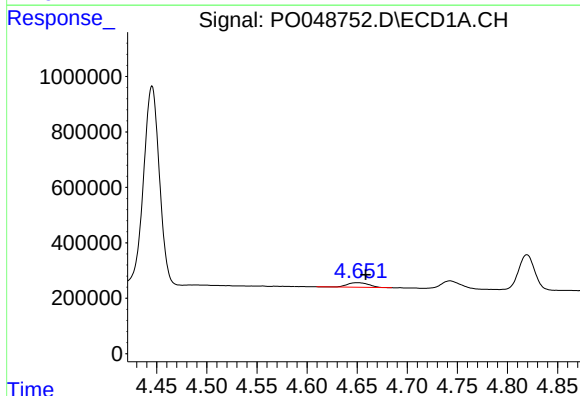
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 1855633
Conc: 478.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



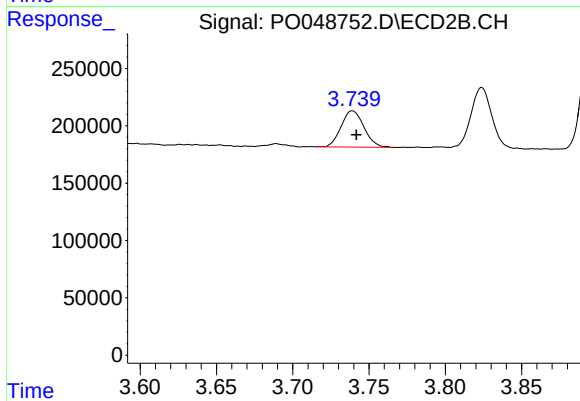
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 3521751
Conc: 681.21 ng/ml



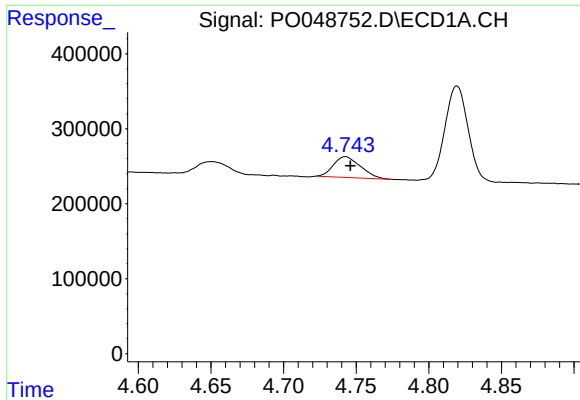
#8 AR-1221-1

R.T.: 4.651 min
Delta R.T.: -0.008 min
Response: 248568
Conc: 160.09 ng/ml



#8 AR-1221-1

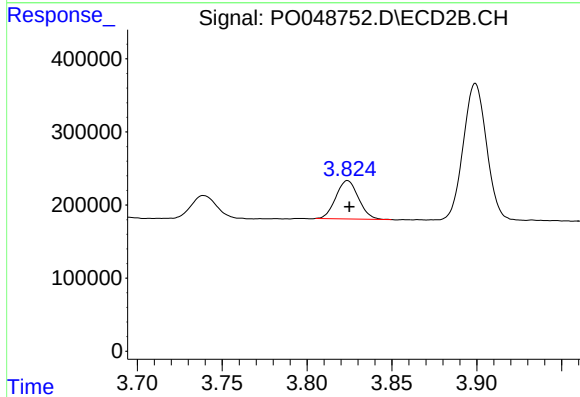
R.T.: 3.739 min
Delta R.T.: -0.003 min
Response: 329235
Conc: 153.79 ng/ml



#9 AR-1221-2

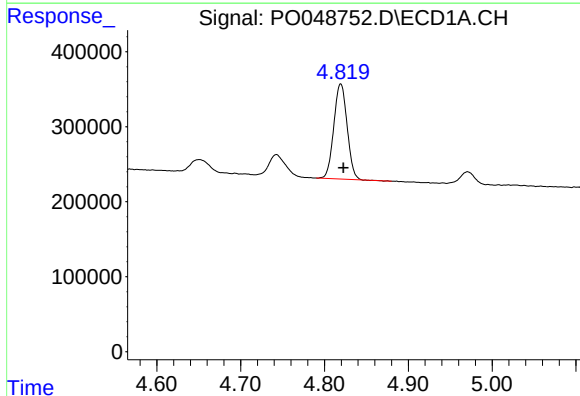
R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 356356
Conc: 297.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



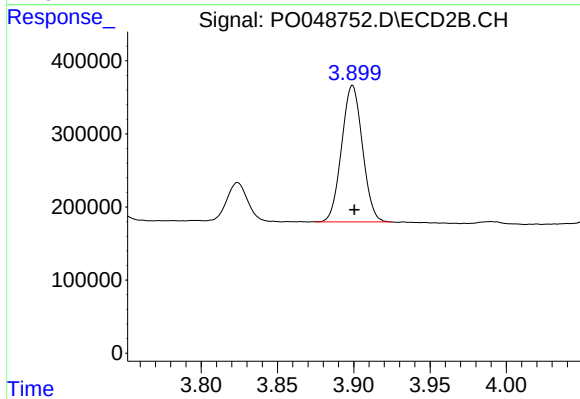
#9 AR-1221-2

R.T.: 3.824 min
Delta R.T.: -0.001 min
Response: 486590
Conc: 300.19 ng/ml



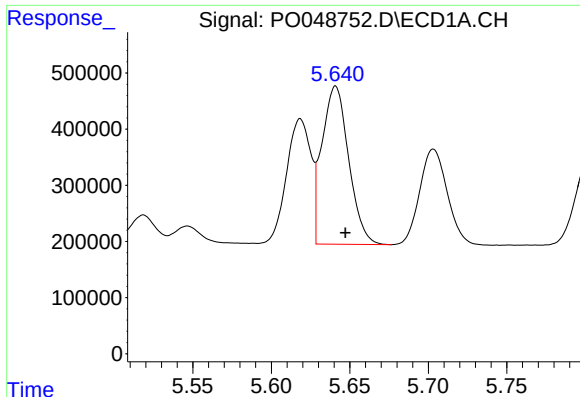
#10 AR-1221-3

R.T.: 4.819 min
Delta R.T.: -0.003 min
Response: 1402865
Conc: 371.84 ng/ml



#10 AR-1221-3

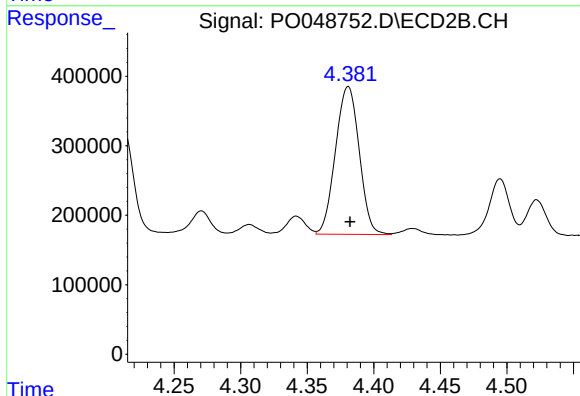
R.T.: 3.899 min
Delta R.T.: -0.001 min
Response: 1773450
Conc: 360.12 ng/ml



#11 AR-1232-1

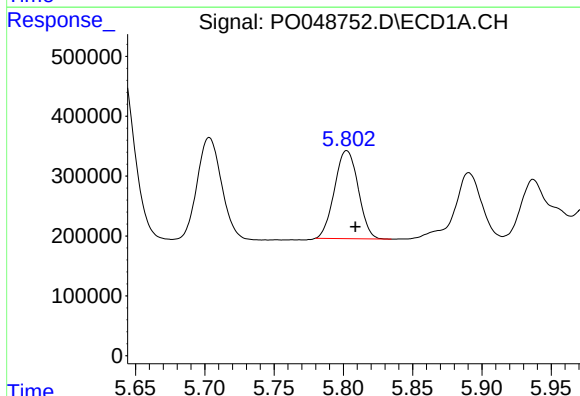
R.T.: 5.641 min
Delta R.T.: -0.006 min
Response: 3343635
Conc: 1205.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



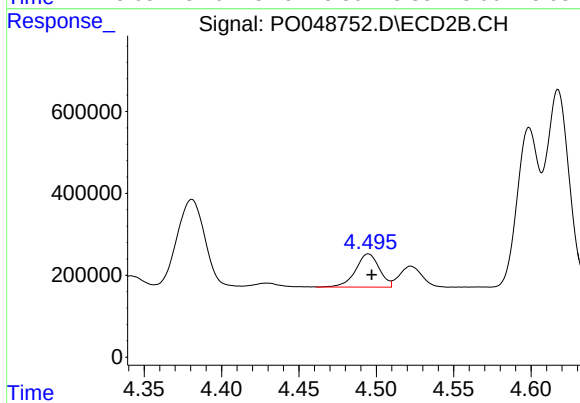
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 2640260
Conc: 1369.45 ng/ml



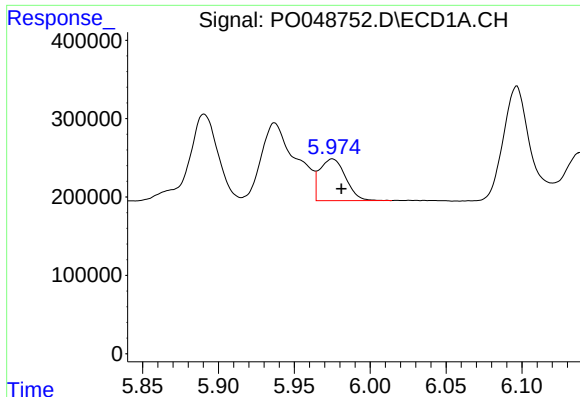
#12 AR-1232-2

R.T.: 5.802 min
Delta R.T.: -0.006 min
Response: 1747417
Conc: 1177.00 ng/ml



#12 AR-1232-2

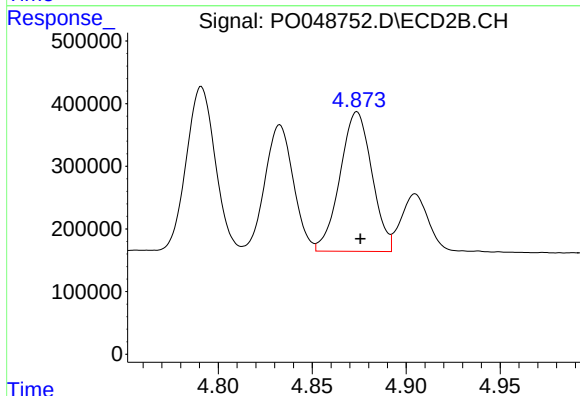
R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 858542
Conc: 1292.25 ng/ml



#13 AR-1232-3

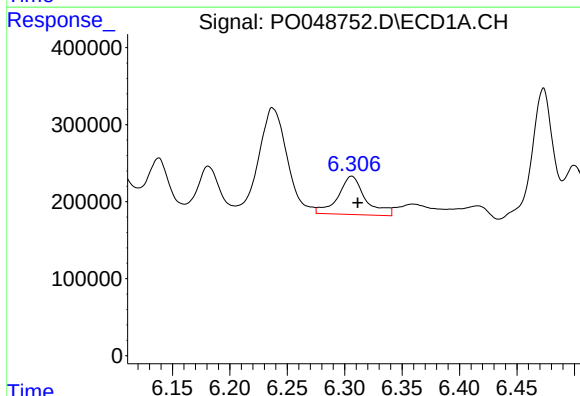
R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 633153
Conc: 1473.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



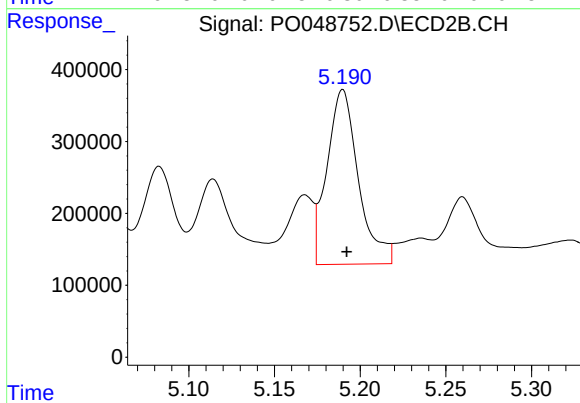
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 2632723
Conc: 1511.74 ng/ml



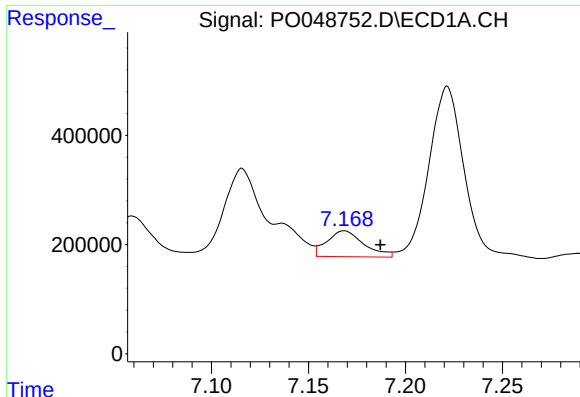
#14 AR-1232-4

R.T.: 6.306 min
Delta R.T.: -0.005 min
Response: 832450
Conc: 2101.33 ng/ml



#14 AR-1232-4

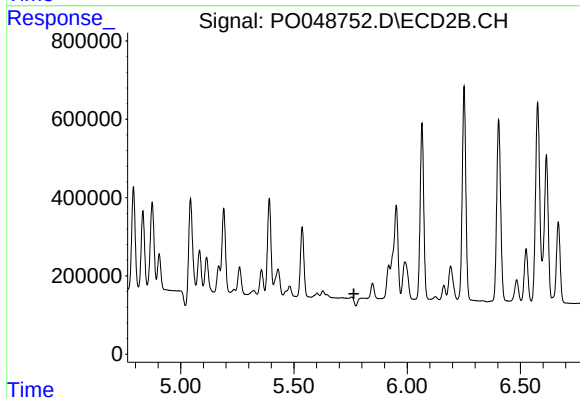
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 3107400
Conc: 1680.40 ng/ml



#15 AR-1232-5

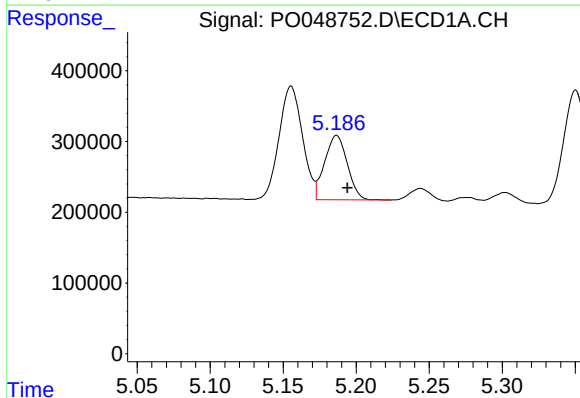
R.T.: 7.168 min
Delta R.T.: -0.019 min
Response: 628524
Conc: 2673.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



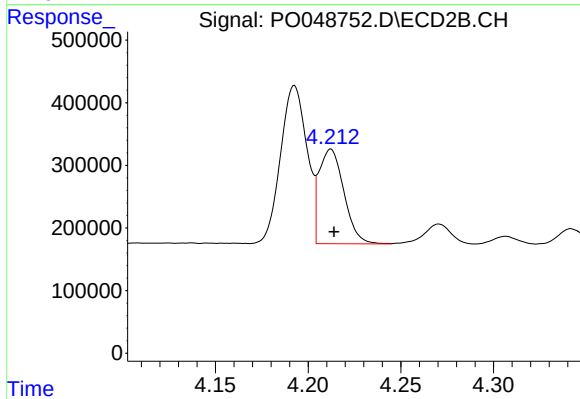
#15 AR-1232-5

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



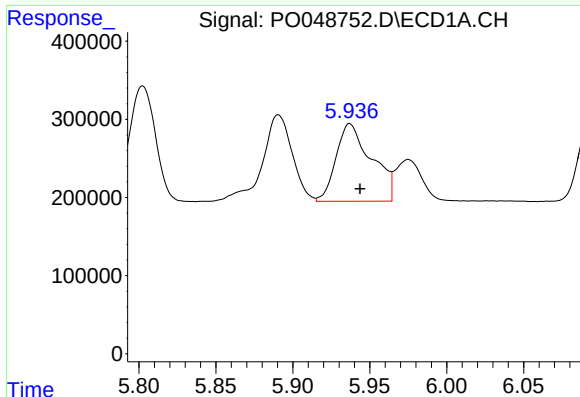
#16 AR-1242-1

R.T.: 5.187 min
Delta R.T.: -0.007 min
Response: 981843
Conc: 658.82 ng/ml



#16 AR-1242-1

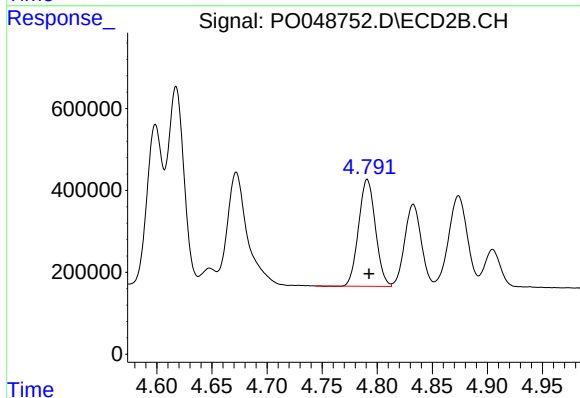
R.T.: 4.212 min
Delta R.T.: -0.002 min
Response: 1420911
Conc: 723.98 ng/ml



#17 AR-1242-2

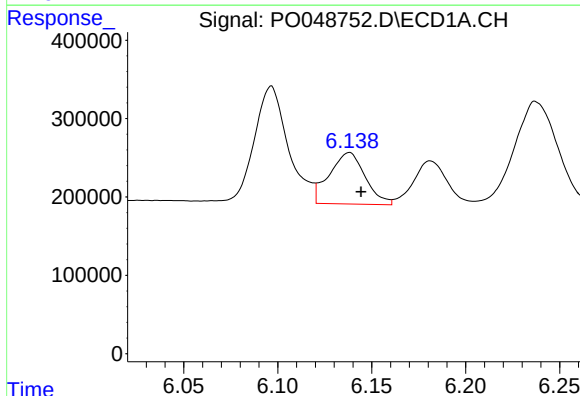
R.T.: 5.937 min
Delta R.T.: -0.007 min
Response: 1590779
Conc: 553.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



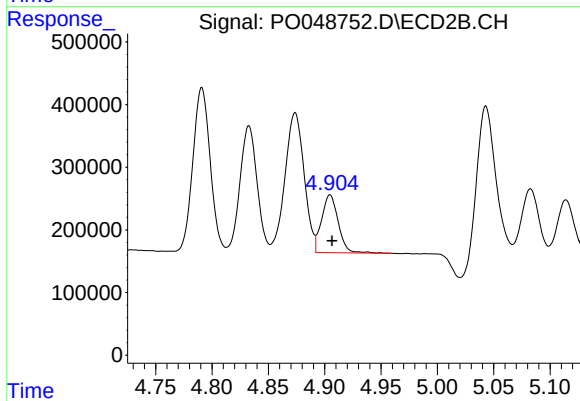
#17 AR-1242-2

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 2776607
Conc: 686.33 ng/ml



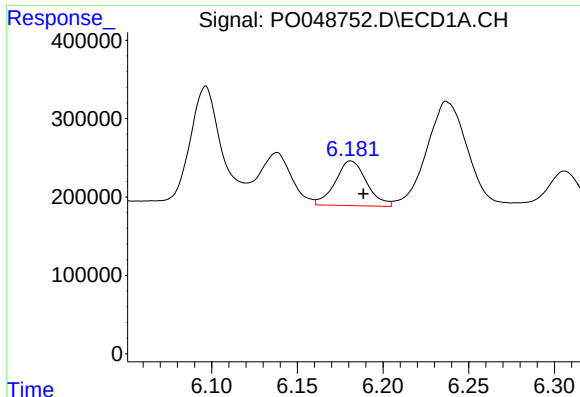
#18 AR-1242-3

R.T.: 6.138 min
Delta R.T.: -0.006 min
Response: 869738
Conc: 607.72 ng/ml



#18 AR-1242-3

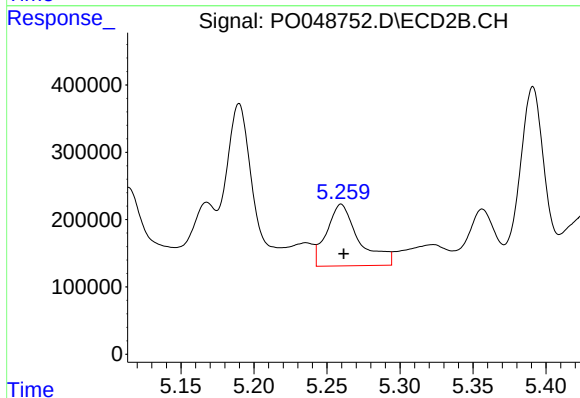
R.T.: 4.905 min
Delta R.T.: -0.002 min
Response: 951112
Conc: 664.29 ng/ml



#19 AR-1242-4

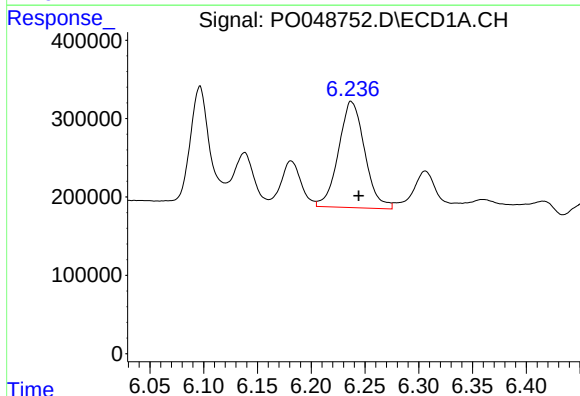
R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 727056
Conc: 658.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



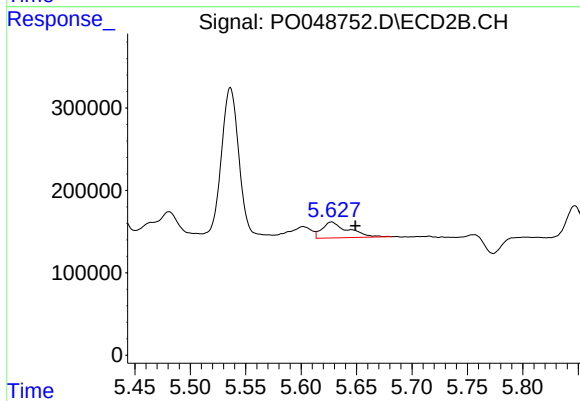
#19 AR-1242-4

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 1408868
Conc: 1164.03 ng/ml



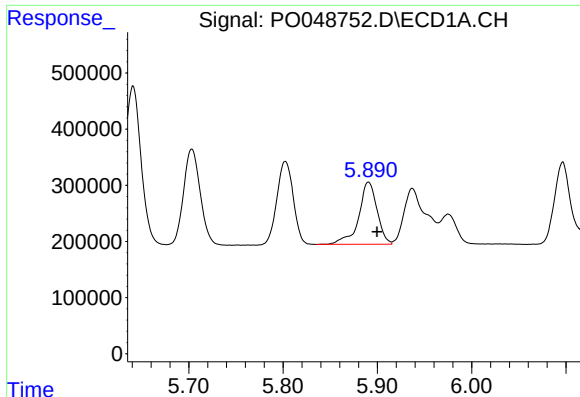
#20 AR-1242-5

R.T.: 6.237 min
Delta R.T.: -0.007 min
Response: 2292448
Conc: 603.07 ng/ml



#20 AR-1242-5

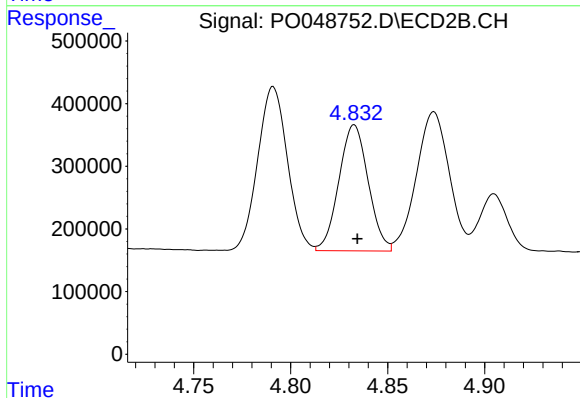
R.T.: 5.627 min
Delta R.T.: -0.022 min
Response: 315980
Conc: 102.19 ng/ml



#21 AR-1248-1

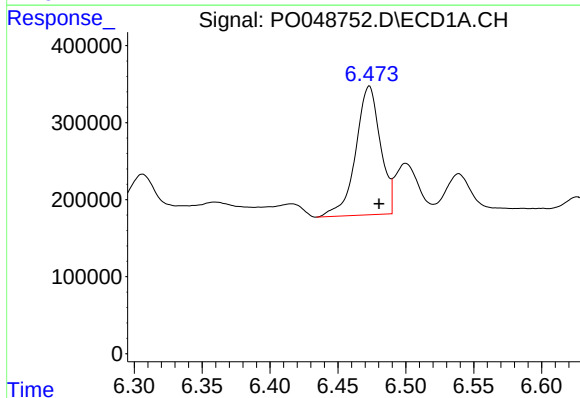
R.T.: 5.891 min
Delta R.T.: -0.009 min
Response: 1497262
Conc: 299.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



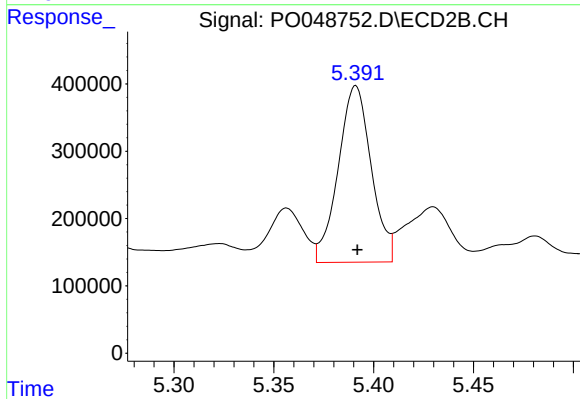
#21 AR-1248-1

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 2114715
Conc: 398.26 ng/ml



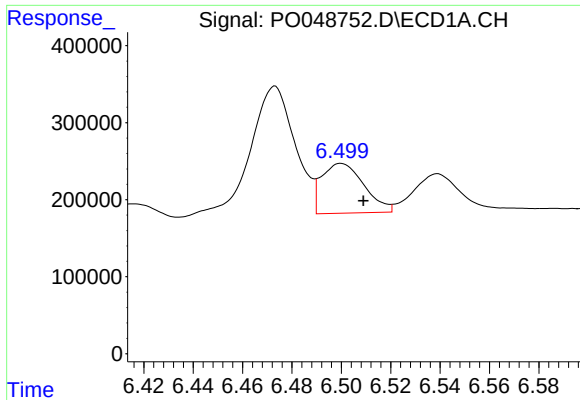
#22 AR-1248-2

R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 2114360
Conc: 404.01 ng/ml



#22 AR-1248-2

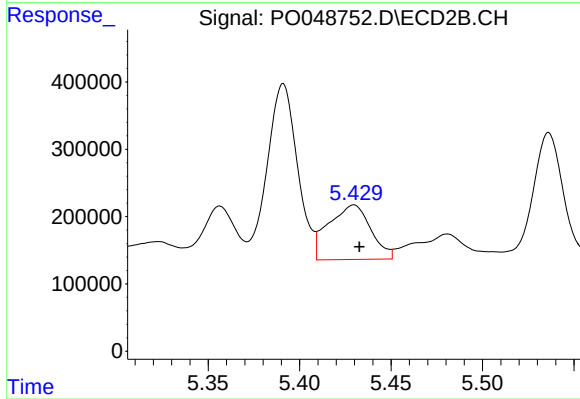
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 3020053
Conc: 314.49 ng/ml



#23 AR-1248-3

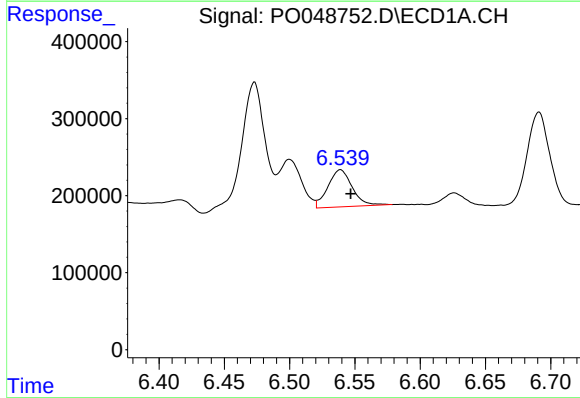
R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 767682
Conc: 112.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



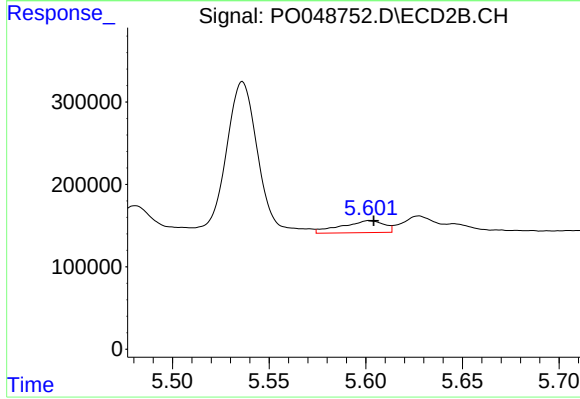
#23 AR-1248-3

R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 1297248
Conc: 190.61 ng/ml



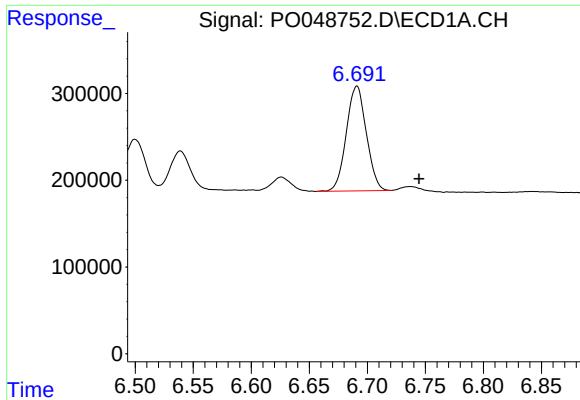
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: -0.008 min
Response: 624702
Conc: 94.88 ng/ml



#24 AR-1248-4

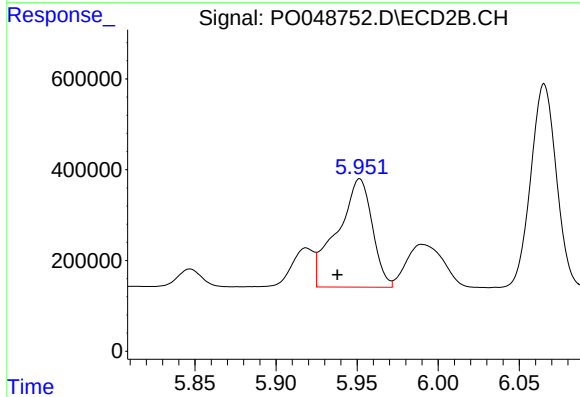
R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 224713
Conc: 36.99 ng/ml



#25 AR-1248-5

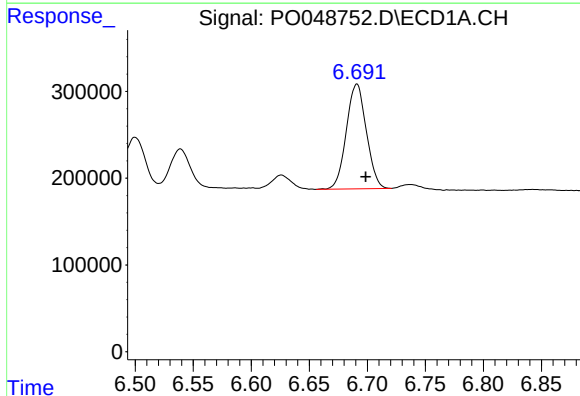
R.T.: 6.691 min
Delta R.T.: -0.053 min
Response: 1448228
Conc: 318.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



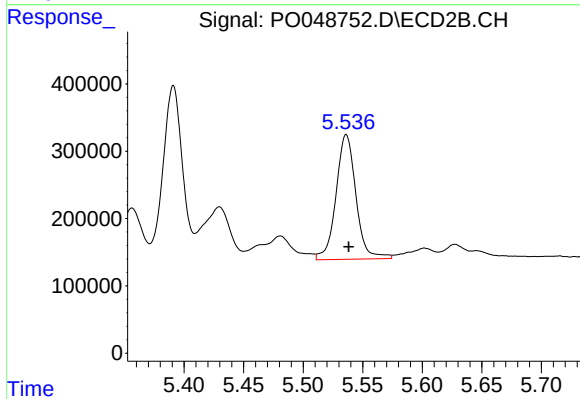
#25 AR-1248-5

R.T.: 5.952 min
Delta R.T.: 0.014 min
Response: 3577945
Conc: 768.76 ng/ml



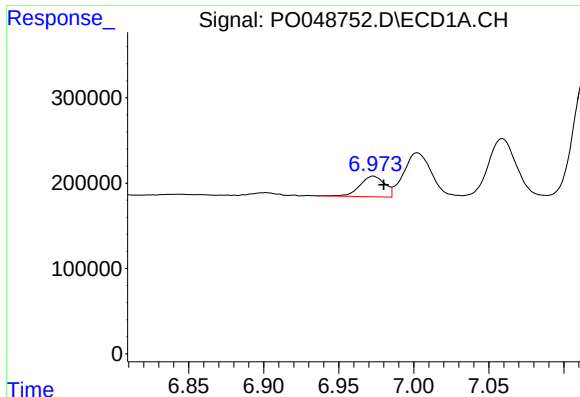
#26 AR-1254-1

R.T.: 6.691 min
Delta R.T.: -0.008 min
Response: 1448228
Conc: 127.83 ng/ml



#26 AR-1254-1

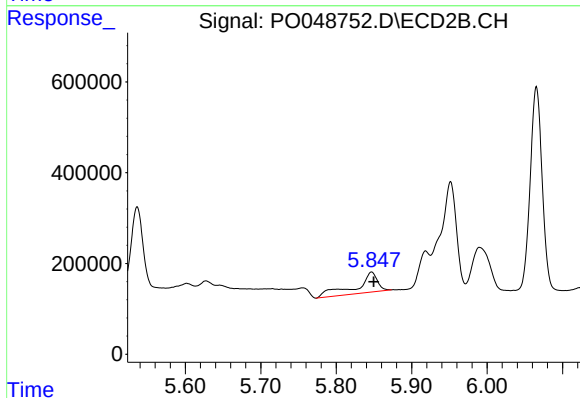
R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 2154072
Conc: 212.28 ng/ml



#27 AR-1254-2

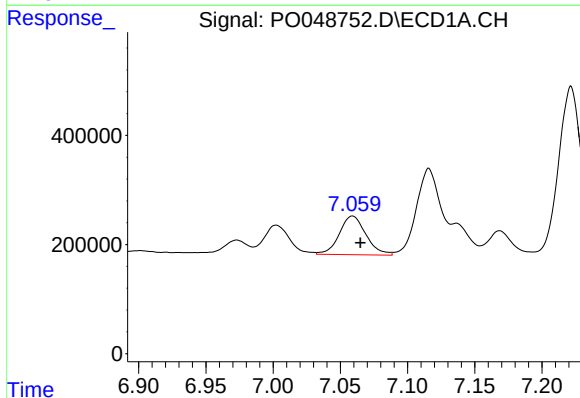
R.T.: 6.973 min
Delta R.T.: -0.007 min
Response: 280193
Conc: 38.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



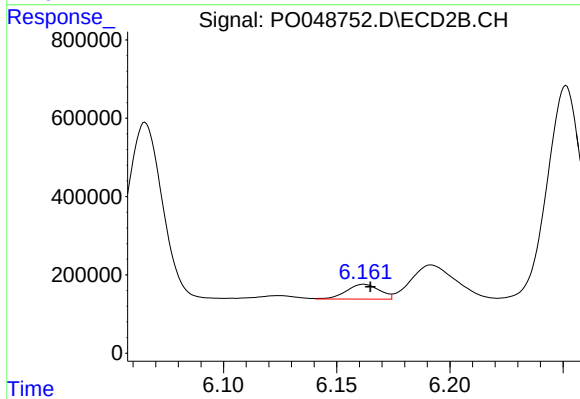
#27 AR-1254-2

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 892136
Conc: 101.13 ng/ml



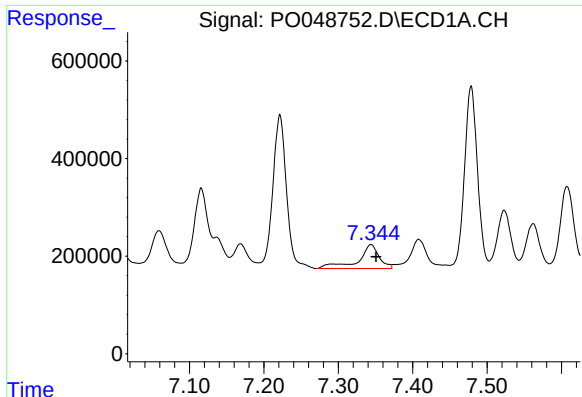
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: -0.006 min
Response: 981520
Conc: 77.07 ng/ml



#28 AR-1254-3

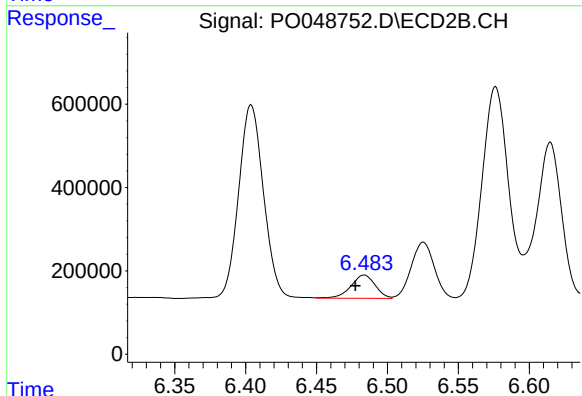
R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 383962
Conc: 34.83 ng/ml



#29 AR-1254-4

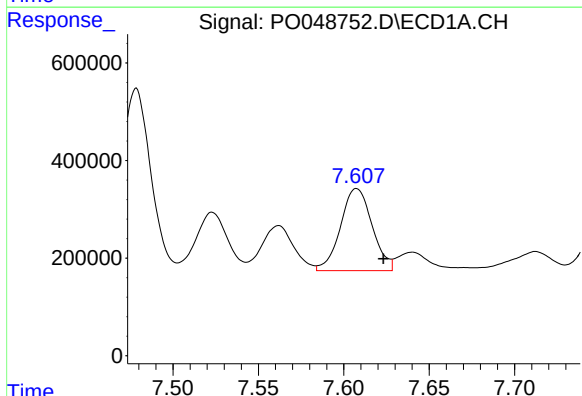
R.T.: 7.344 min
Delta R.T.: -0.007 min
Response: 969505
Conc: 100.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



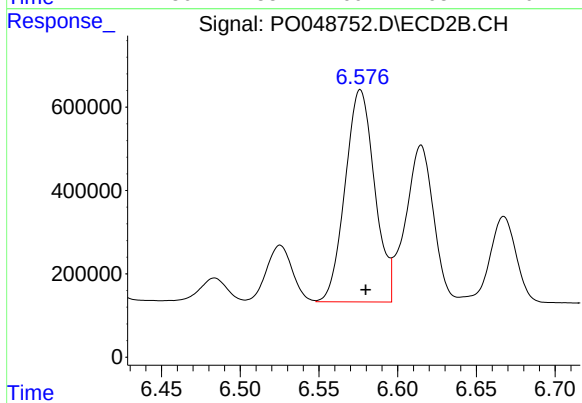
#29 AR-1254-4

R.T.: 6.484 min
Delta R.T.: 0.006 min
Response: 670928
Conc: 82.60 ng/ml



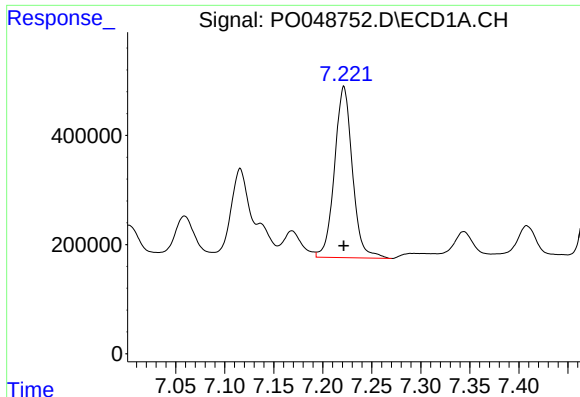
#30 AR-1254-5

R.T.: 7.607 min
Delta R.T.: -0.016 min
Response: 2163964
Conc: 279.99 ng/ml



#30 AR-1254-5

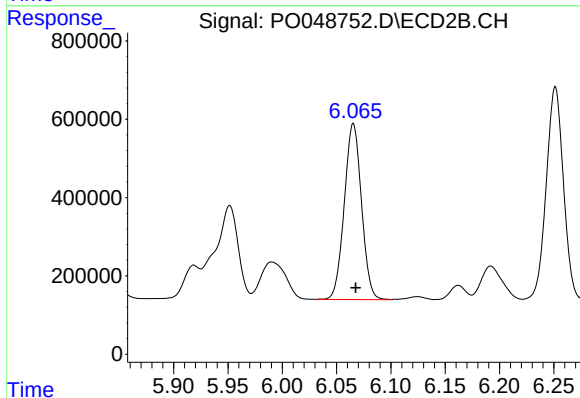
R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 6642999
Conc: 438.31 ng/ml



#31 AR-1260-1

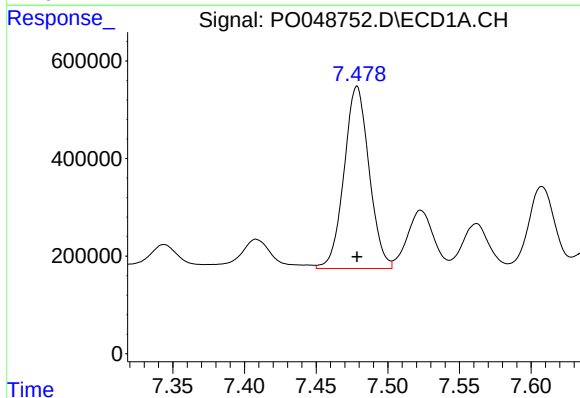
R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 3980041
Conc: 483.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



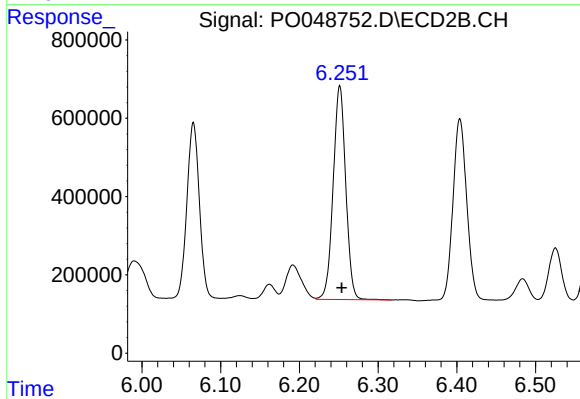
#31 AR-1260-1

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 4965801
Conc: 477.01 ng/ml



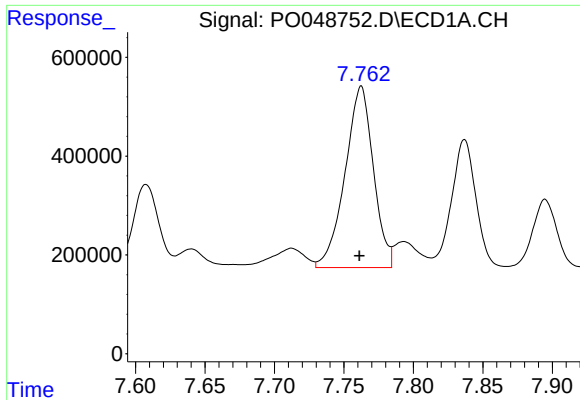
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 4549675
Conc: 463.00 ng/ml



#32 AR-1260-2

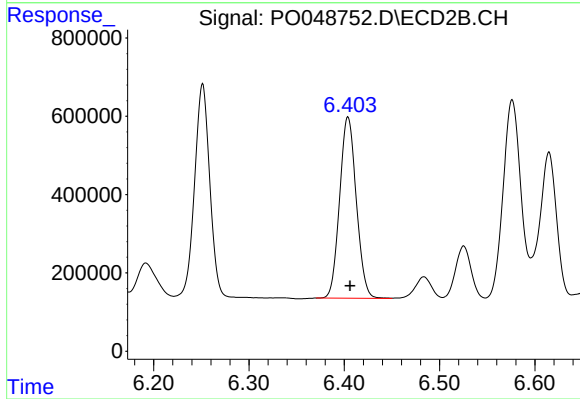
R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 6067320
Conc: 484.51 ng/ml



#33 AR-1260-3

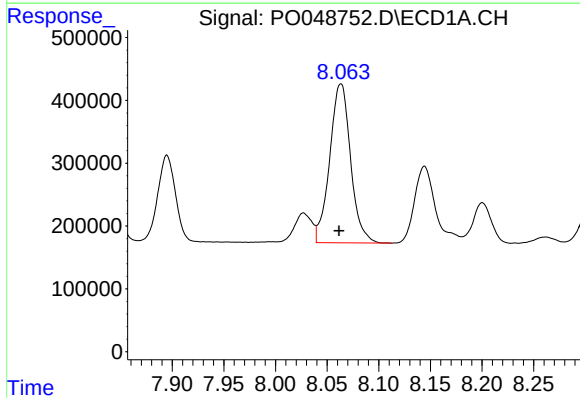
R.T.: 7.762 min
Delta R.T.: 0.001 min
Response: 5209245
Conc: 436.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



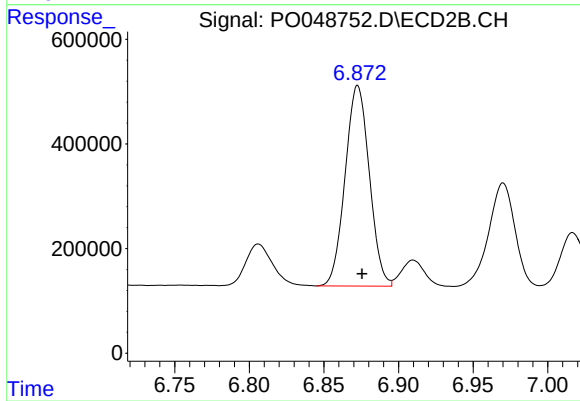
#33 AR-1260-3

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 5633048
Conc: 474.79 ng/ml



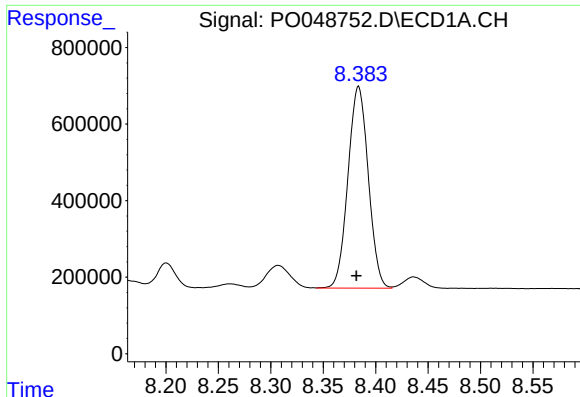
#34 AR-1260-4

R.T.: 8.063 min
Delta R.T.: 0.002 min
Response: 3562322
Conc: 415.05 ng/ml



#34 AR-1260-4

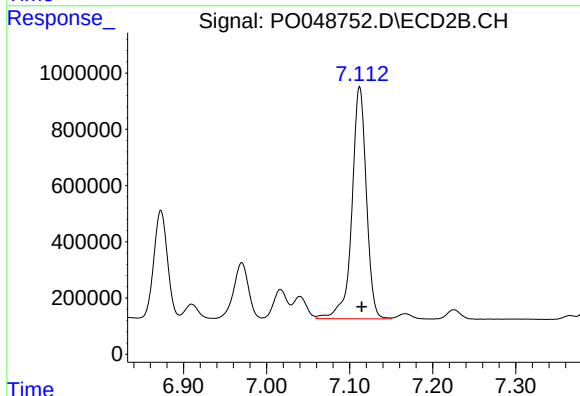
R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 4329910
Conc: 457.66 ng/ml



#35 AR-1260-5

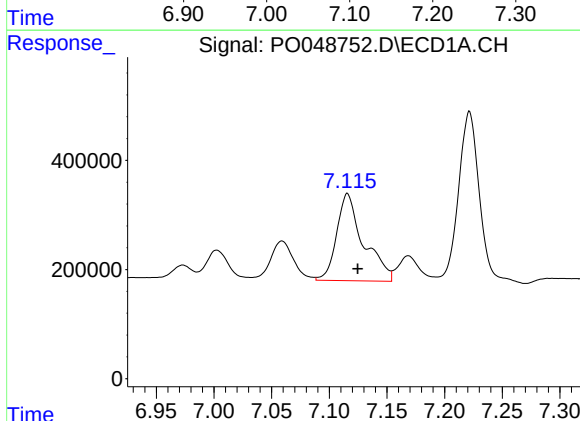
R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 7114548
Conc: 428.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



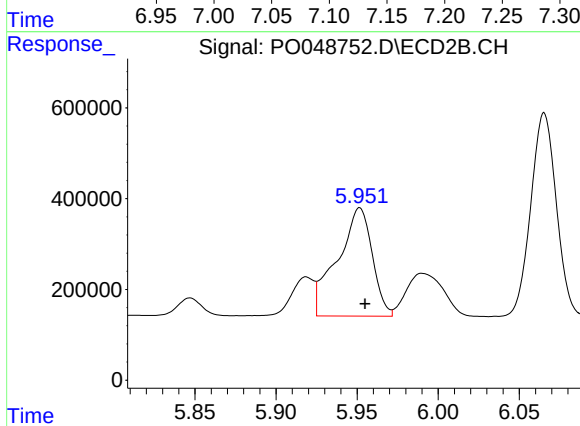
#35 AR-1260-5

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 10024894
Conc: 461.66 ng/ml



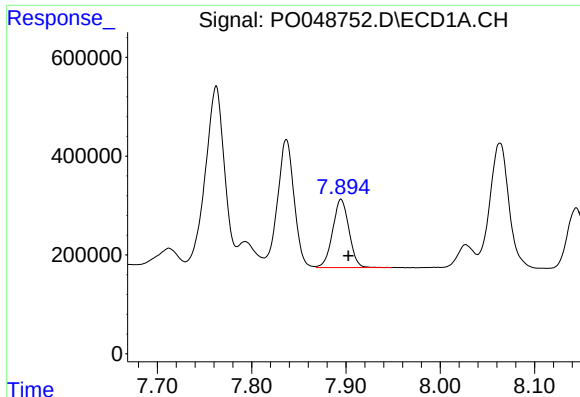
#36 AR-1262-1

R.T.: 7.116 min
Delta R.T.: -0.009 min
Response: 2577706
Conc: 527.93 ng/ml



#36 AR-1262-1

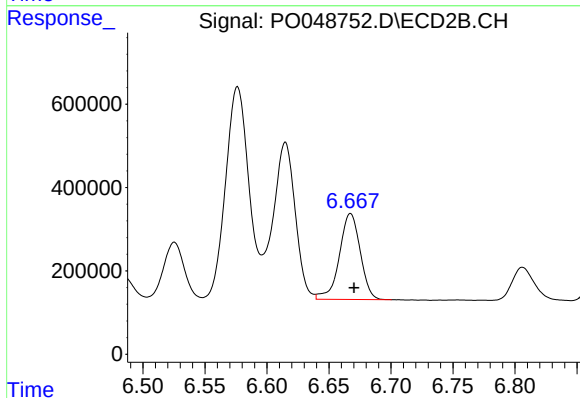
R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 3577945
Conc: 650.00 ng/ml



#37 AR-1262-2

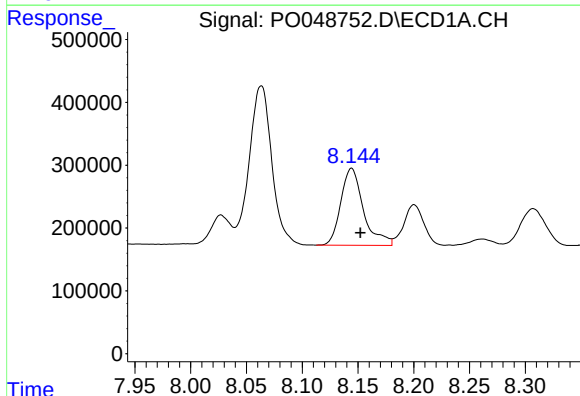
R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 1667939
Conc: 383.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



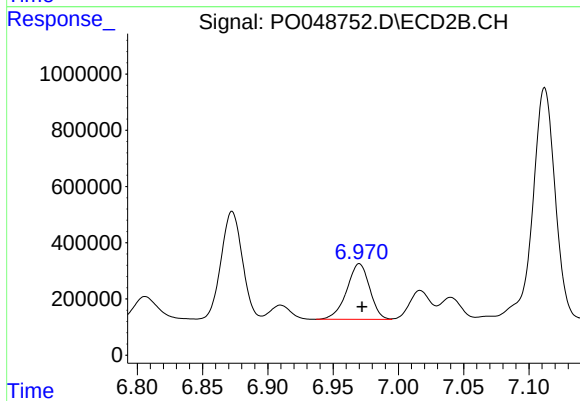
#37 AR-1262-2

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 2417056
Conc: 446.34 ng/ml



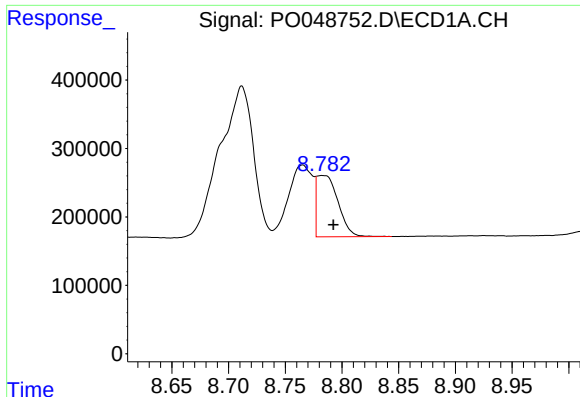
#38 AR-1262-3

R.T.: 8.144 min
Delta R.T.: -0.008 min
Response: 1734917
Conc: 357.11 ng/ml



#38 AR-1262-3

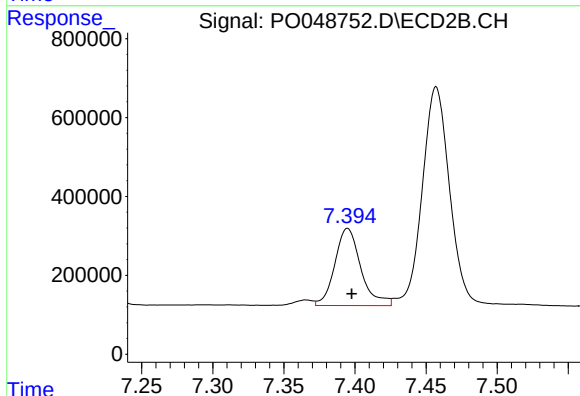
R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 2421330
Conc: 405.91 ng/ml



#39 AR-1262-4

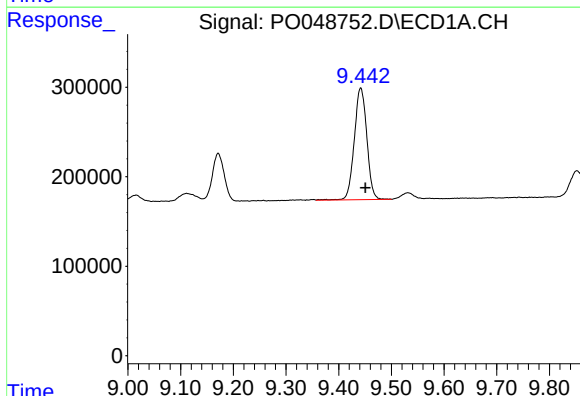
R.T.: 8.783 min
Delta R.T.: -0.010 min
Response: 1166710
Conc: 221.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



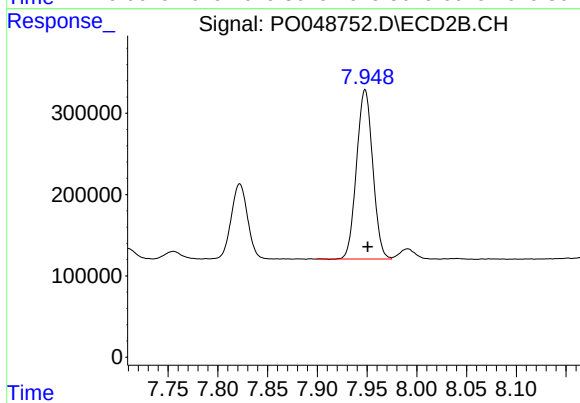
#39 AR-1262-4

R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 2496694
Conc: 281.26 ng/ml



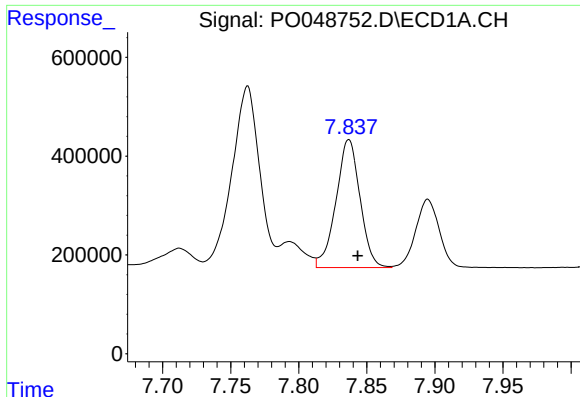
#40 AR-1262-5

R.T.: 9.442 min
Delta R.T.: -0.009 min
Response: 2058012
Conc: 306.45 ng/ml



#40 AR-1262-5

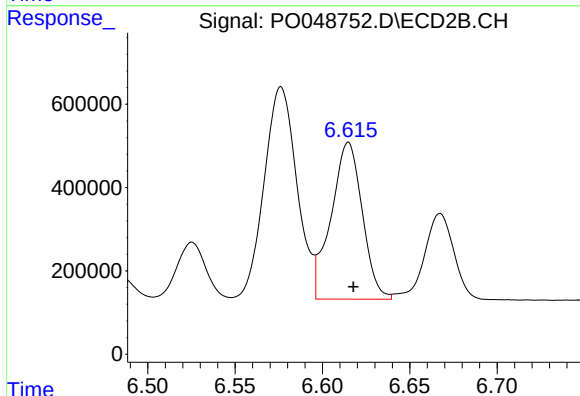
R.T.: 7.948 min
Delta R.T.: -0.003 min
Response: 2359533
Conc: 311.95 ng/ml



#41 AR-1268-1

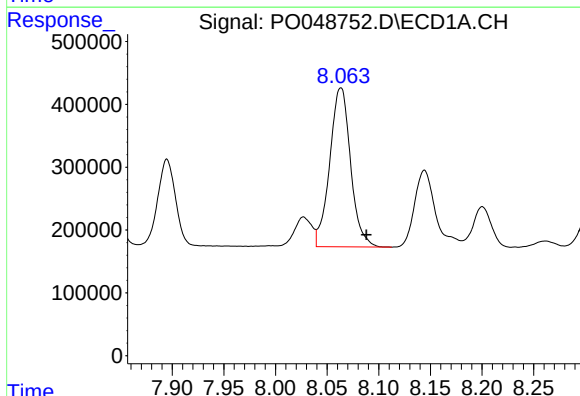
R.T.: 7.837 min
Delta R.T.: -0.007 min
Response: 3180673
Conc: 744.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



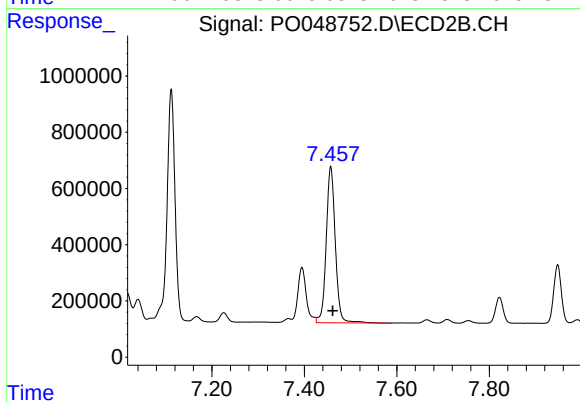
#41 AR-1268-1

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 4689944
Conc: 859.39 ng/ml



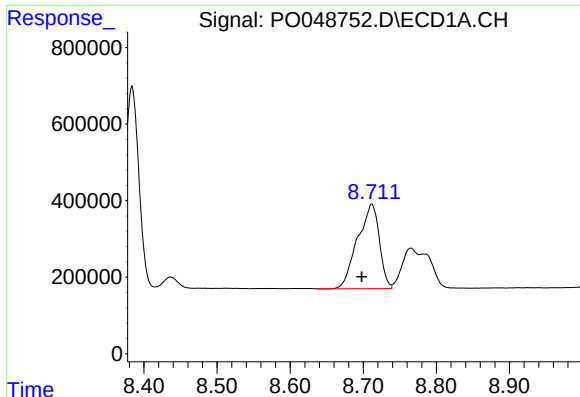
#42 AR-1268-2

R.T.: 8.063 min
Delta R.T.: -0.025 min
Response: 3562322
Conc: 653.02 ng/ml



#42 AR-1268-2

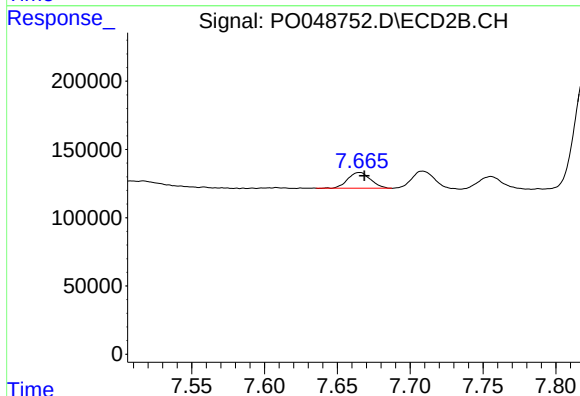
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 7570803
Conc: 318.44 ng/ml



#43 AR-1268-3

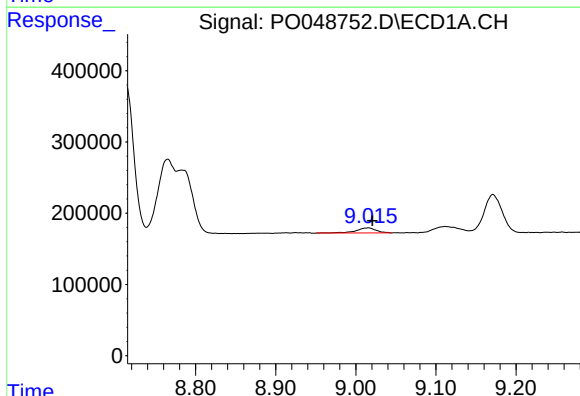
R.T.: 8.712 min
Delta R.T.: 0.013 min
Response: 4550101
Conc: 205.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



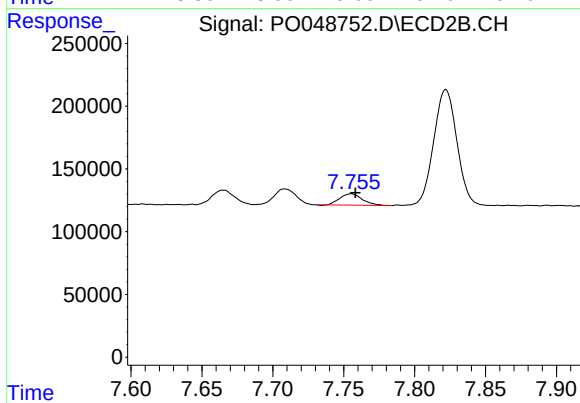
#43 AR-1268-3

R.T.: 7.665 min
Delta R.T.: -0.003 min
Response: 124538
Conc: 6.36 ng/ml



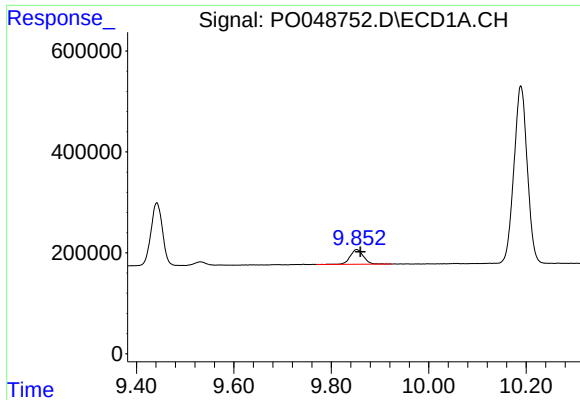
#44 AR-1268-4

R.T.: 9.016 min
Delta R.T.: -0.005 min
Response: 122205
Conc: 7.18 ng/ml



#44 AR-1268-4

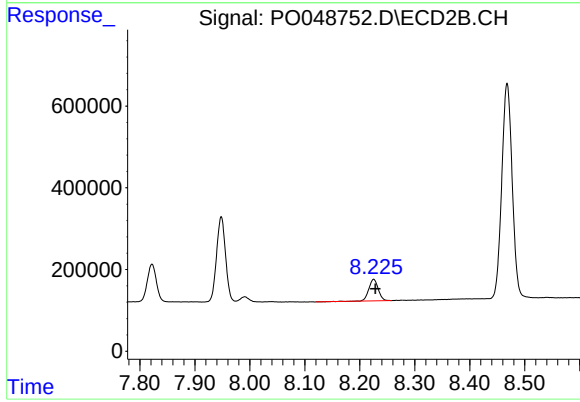
R.T.: 7.755 min
Delta R.T.: -0.003 min
Response: 99815
Conc: 17.77 ng/ml



#45 AR-1268-5

R.T.: 9.852 min
Delta R.T.: -0.007 min
Response: 550756
Conc: 10.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 637387
Conc: 11.69 ng/ml