

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092419\
 Data File : P00CCC6.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Sep 2019 21:09
 Operator : SM/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: Sep 25 02:47:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 2019
 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...	4.369	3.529	2236143	1641535	60.780	58.790
2)	SA Decachlor...	10.036	8.404	2204416	1529952	47.978	43.648
Target Compounds							
3)	L1 AR-1016-1	5.533	4.583	1013457	716413	634.146	579.509
4)	L1 AR-1016-2	5.555	4.600	1451023	1002478	633.813	589.233
5)	L1 AR-1016-3	5.617	4.770	895897	559156	624.065	576.765
6)	L1 AR-1016-4	5.715	4.813	748415	453468	634.480	554.008
7)	L1 AR-1016-5	6.008	5.019	778385	618248	620.942	590.288
8)	L2 AR-1221-1	4.574	3.736	75339	64082	171.646	181.033
9)	L2 AR-1221-2	4.665	3.820	113800	97228	333.179	345.959
10)	L2 AR-1221-3	4.740	3.894	429681	347404	405.663	418.524
11)	L3 AR-1232-1	4.740	3.894	429681	347404	368.265	381.198
12)	L3 AR-1232-2	5.266	4.600	666891	1002478	1028.535	992.882
13)	L3 AR-1232-3	5.555	4.770	1451023	559156	1083.376	996.357
14)	L3 AR-1232-4	5.715	4.853	748415	569009	1089.170	1089.594
15)	L3 AR-1232-5	5.804	5.019	687050	618248	1254.672	1092.443
16)	L4 AR-1242-1	5.533	4.583	1013457	716413	849.207	786.937
17)	L4 AR-1242-2	5.555	4.600	1451023	1002478	849.000	800.793
18)	L4 AR-1242-3	5.617	4.770	895897	559156	827.327	782.523
19)	L4 AR-1242-4	5.715	4.853	748415	569009	847.772	781.348
20)	L4 AR-1242-5	6.450	5.362	169754	501853	151.474	506.972 #
21)	L5 AR-1248-1	5.533	4.583	1013457	716413	1100.866	1010.063
22)	L5 AR-1248-2	5.804	4.813	687050	453468	513.777	469.333
23)	L5 AR-1248-3	6.008	4.853	778385	569009	514.314	564.982
24)	L5 AR-1248-4	6.410	5.019	171907	618248	94.357	514.810 #
25)	L5 AR-1248-5	6.450	5.400	169754	151429	97.025	119.786
26)	L6 AR-1254-1	6.384	5.362	639556	501853	331.953	243.507 #
27)	L6 AR-1254-2	6.601	5.506	665186	471770	211.376	250.007
28)	L6 AR-1254-3	6.968	5.916	408190	834653	115.898	262.509 #
29)	L6 AR-1254-4	7.252	6.125	276512	137937	102.145	66.253 #
30)	L6 AR-1254-5	7.669	6.535	1868181	1345595	633.535	425.162 #
31)	L7 AR-1260-1	7.129	6.028	1369787	1052923	562.630	500.583
32)	L7 AR-1260-2	7.386	6.214	1661133	1213444	549.435	470.419
33)	L7 AR-1260-3	7.744	6.364	1222952	1148712	512.460	477.026
34)	L7 AR-1260-4	7.969	6.828	1395339	937732	498.747	438.143
35)	L7 AR-1260-5	8.283	7.067	2521468	1998593	463.051	413.574
36)	L8 AR-1262-1	7.744	6.573	1222952	1015764	346.219	340.073
37)	L8 AR-1262-2	8.283	7.067	2521468	1998593	404.441	384.384
38)	L8 AR-1262-3	8.602	7.347	1607971	494863	377.379	233.159 #
39)	L8 AR-1262-4	8.657	7.409	1026967	1458905	314.981	381.964
40)	L8 AR-1262-5	9.314	7.898	695725	546970	342.152	326.787
41)	L9 AR-1268-1	8.602	7.347	1607971	494863	217.869	84.418 #
42)	L9 AR-1268-2	8.657	7.409	1026967	1458905	152.029	273.717 #

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 Acq On : 24 Sep 2019 21:09
 Operator : SM/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

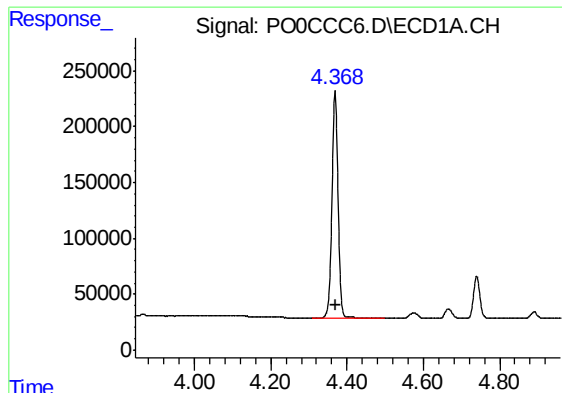
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 02:47:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.897	7.613	46970	32529	8.364	7.339
44) L9	AR-1268-4	9.314	7.898	695725	546970	301.607	286.243
45) L9	AR-1268-5	9.711	8.170	190437	158910	12.006	13.206

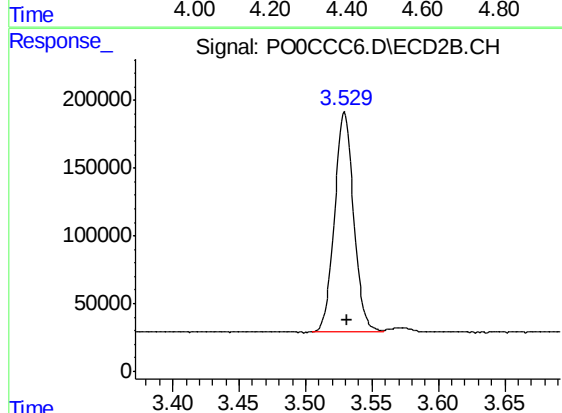
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

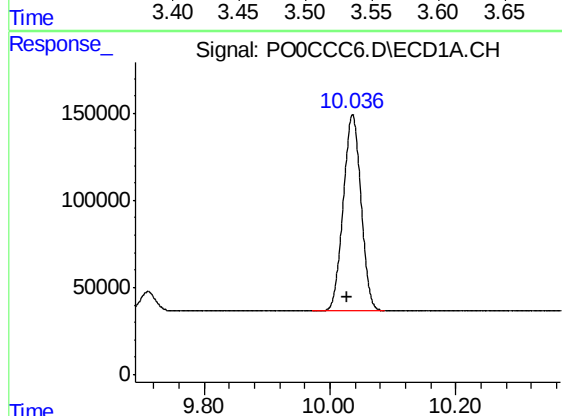
R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 2236143
Conc: 60.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



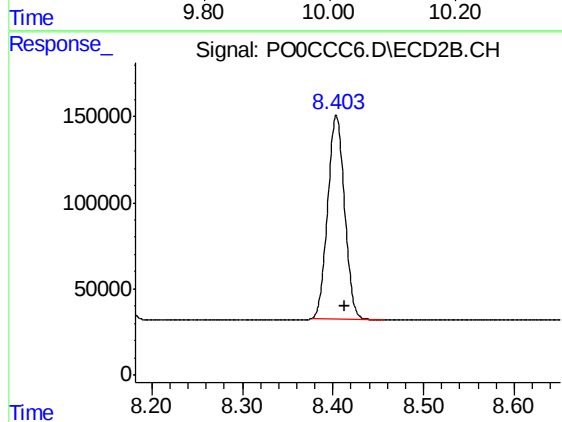
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.002 min
Response: 1641535
Conc: 58.79 ng/ml



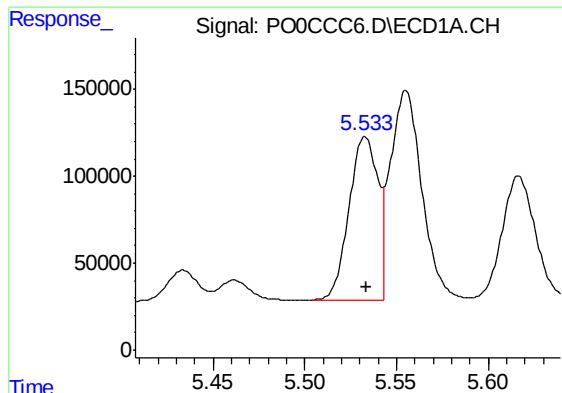
#2 Decachlorobiphenyl

R.T.: 10.036 min
Delta R.T.: 0.008 min
Response: 2204416
Conc: 47.98 ng/ml



#2 Decachlorobiphenyl

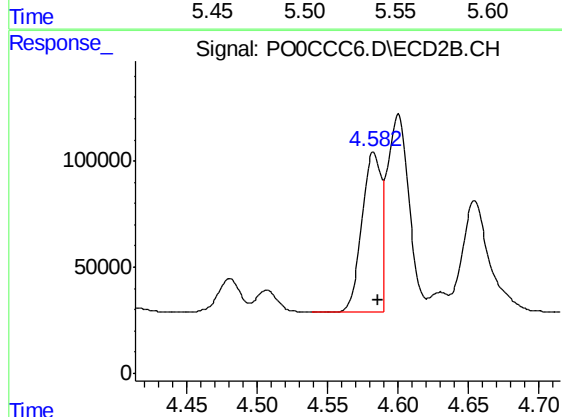
R.T.: 8.404 min
Delta R.T.: -0.009 min
Response: 1529952
Conc: 43.65 ng/ml



#3 AR-1016-1

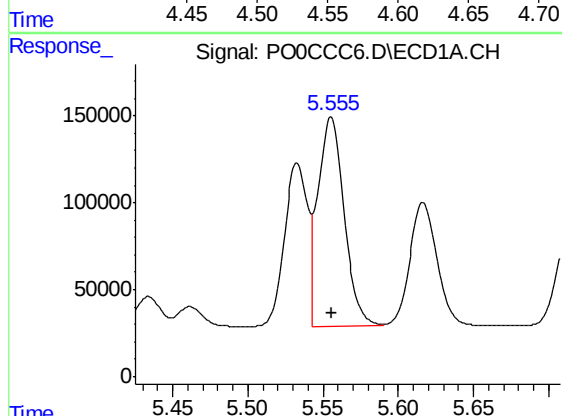
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 1013457
Conc: 634.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



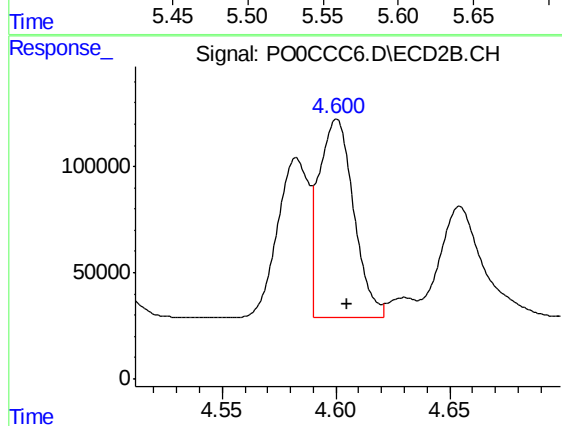
#3 AR-1016-1

R.T.: 4.583 min
Delta R.T.: -0.004 min
Response: 716413
Conc: 579.51 ng/ml



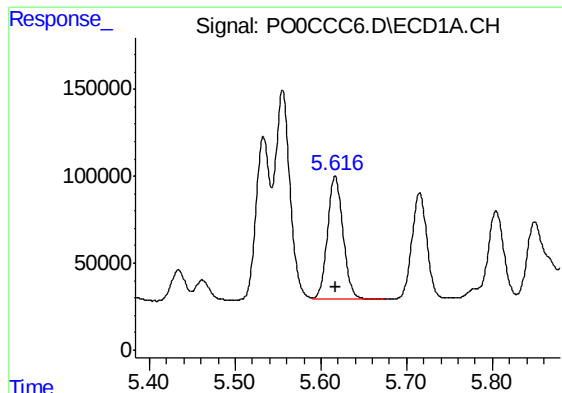
#4 AR-1016-2

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 1451023
Conc: 633.81 ng/ml



#4 AR-1016-2

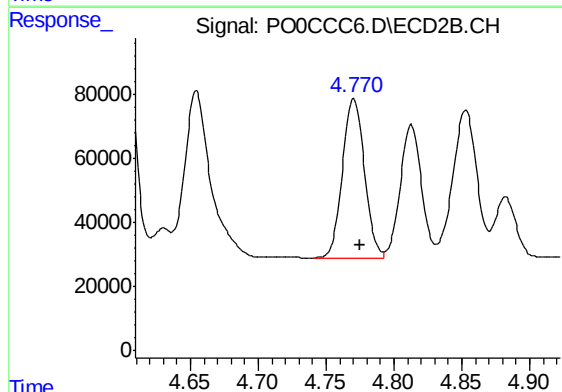
R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 1002478
Conc: 589.23 ng/ml



#5 AR-1016-3

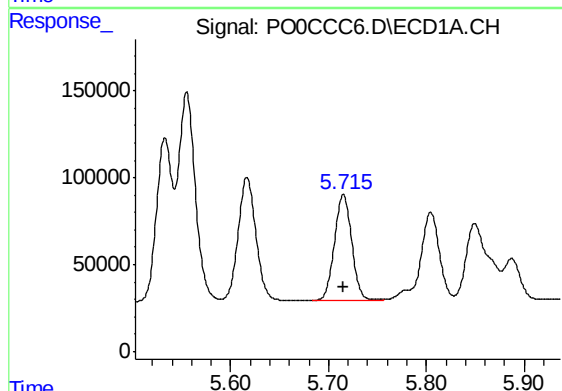
R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 895897
Conc: 624.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



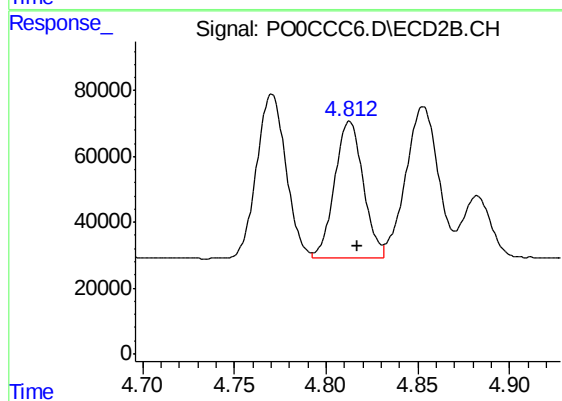
#5 AR-1016-3

R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 559156
Conc: 576.76 ng/ml



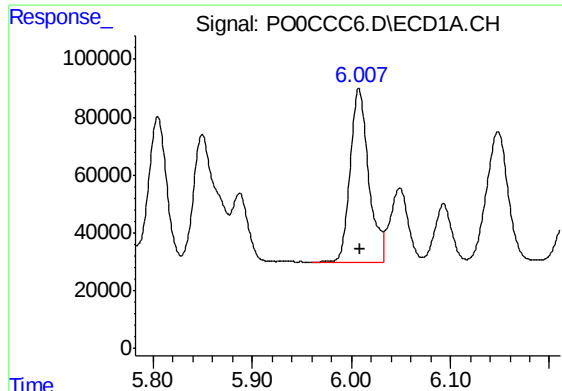
#6 AR-1016-4

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 748415
Conc: 634.48 ng/ml



#6 AR-1016-4

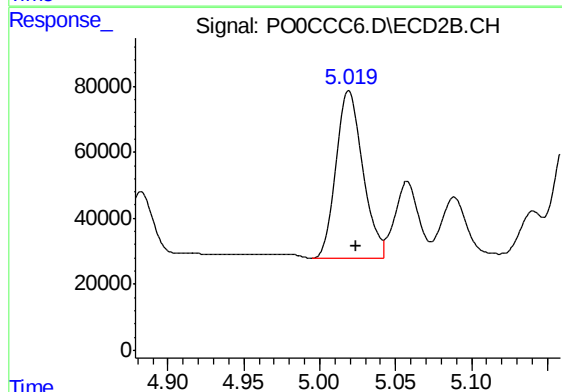
R.T.: 4.813 min
Delta R.T.: -0.004 min
Response: 453468
Conc: 554.01 ng/ml



#7 AR-1016-5

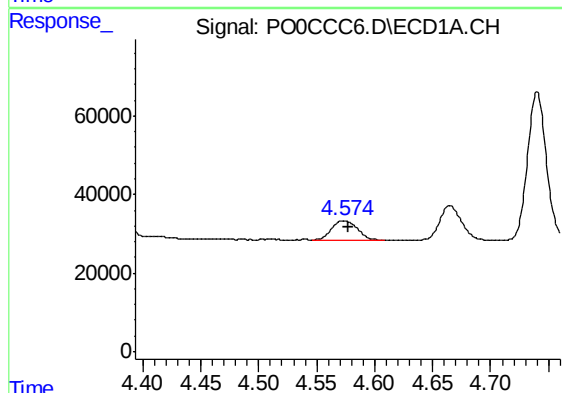
R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 778385
Conc: 620.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



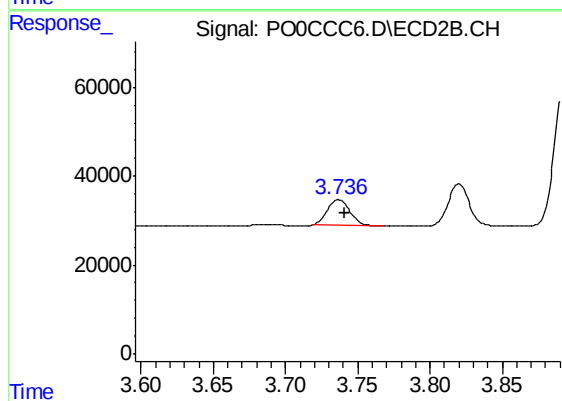
#7 AR-1016-5

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 618248
Conc: 590.29 ng/ml



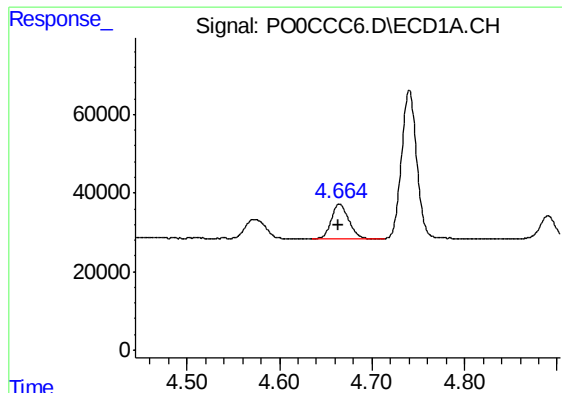
#8 AR-1221-1

R.T.: 4.574 min
Delta R.T.: -0.004 min
Response: 75339
Conc: 171.65 ng/ml



#8 AR-1221-1

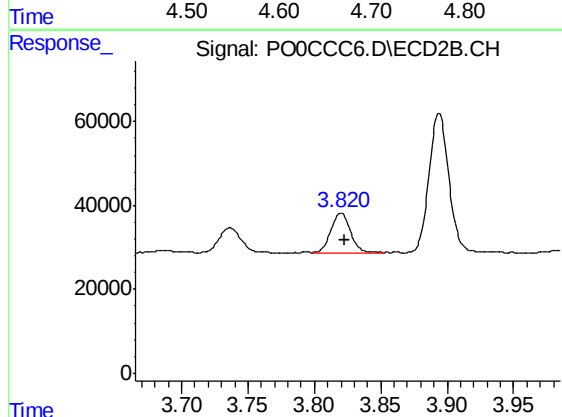
R.T.: 3.736 min
Delta R.T.: -0.004 min
Response: 64082
Conc: 181.03 ng/ml



#9 AR-1221-2

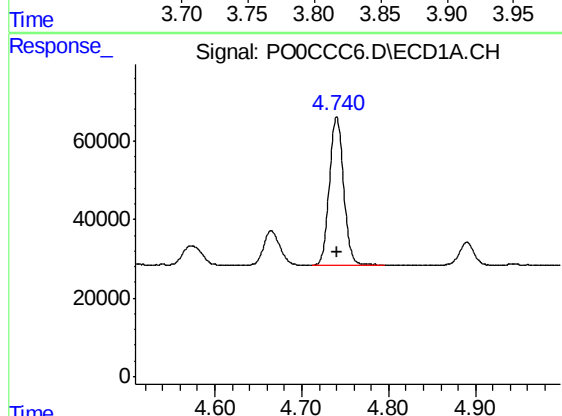
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 113800
Conc: 333.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



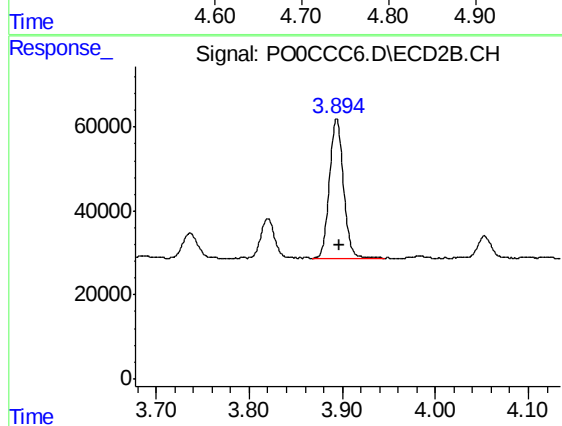
#9 AR-1221-2

R.T.: 3.820 min
Delta R.T.: -0.003 min
Response: 97228
Conc: 345.96 ng/ml



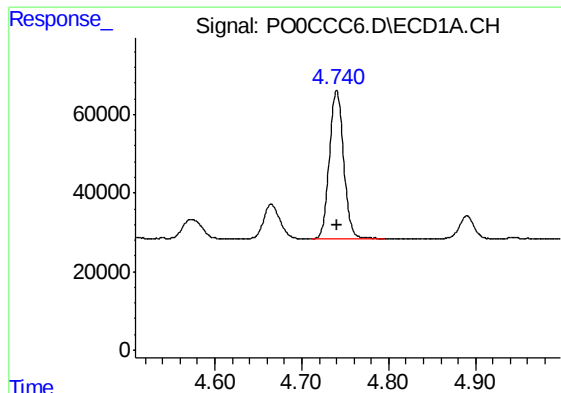
#10 AR-1221-3

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 429681
Conc: 405.66 ng/ml



#10 AR-1221-3

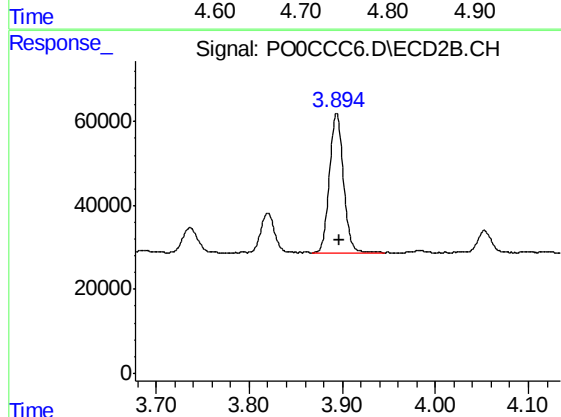
R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 347404
Conc: 418.52 ng/ml



#11 AR-1232-1

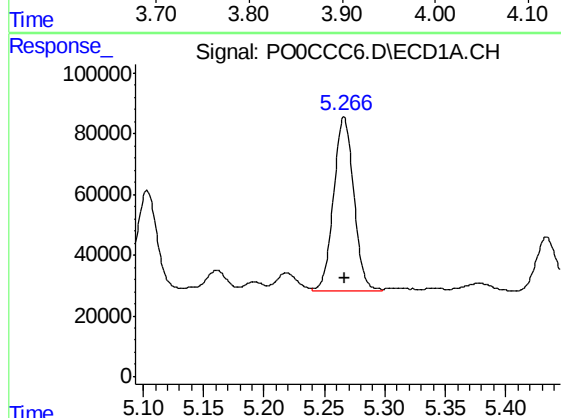
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 429681
Conc: 368.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



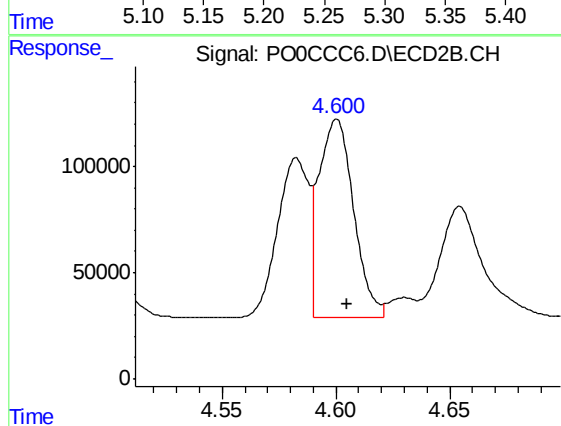
#11 AR-1232-1

R.T.: 3.894 min
Delta R.T.: -0.003 min
Response: 347404
Conc: 381.20 ng/ml



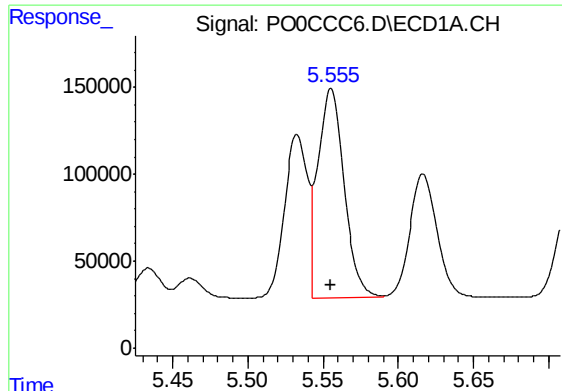
#12 AR-1232-2

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 666891
Conc: 1028.53 ng/ml



#12 AR-1232-2

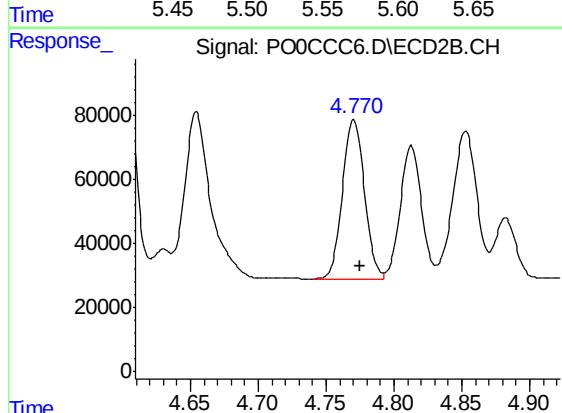
R.T.: 4.600 min
Delta R.T.: -0.004 min
Response: 1002478
Conc: 992.88 ng/ml



#13 AR-1232-3

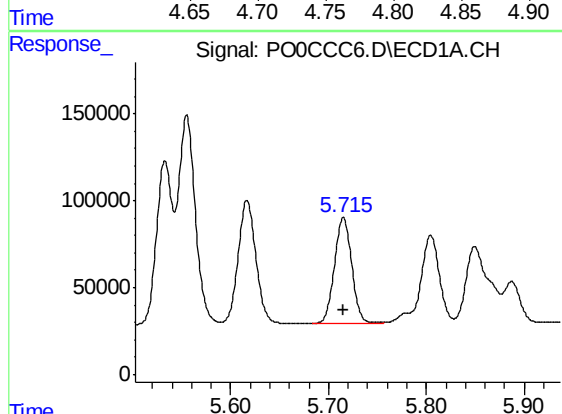
R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 1451023
Conc: 1083.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



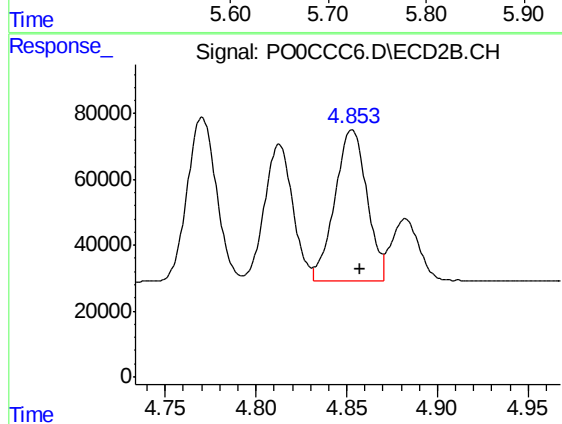
#13 AR-1232-3

R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 559156
Conc: 996.36 ng/ml



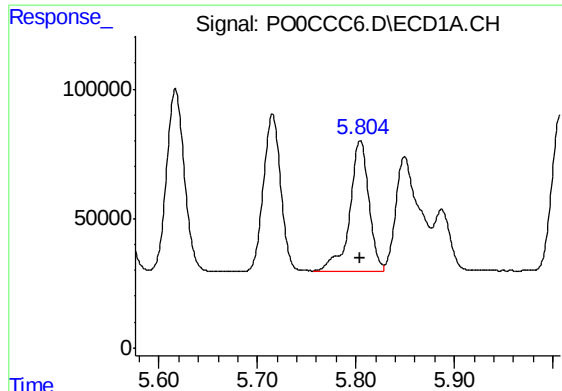
#14 AR-1232-4

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 748415
Conc: 1089.17 ng/ml



#14 AR-1232-4

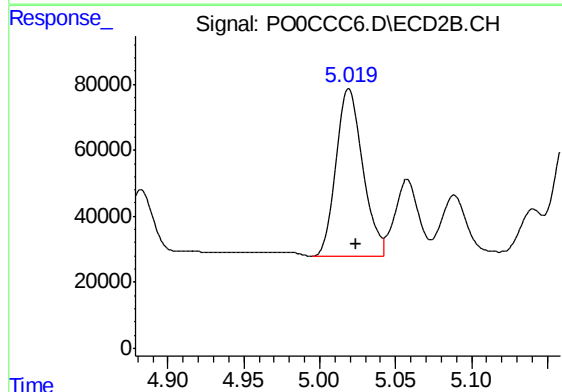
R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 569009
Conc: 1089.59 ng/ml



#15 AR-1232-5

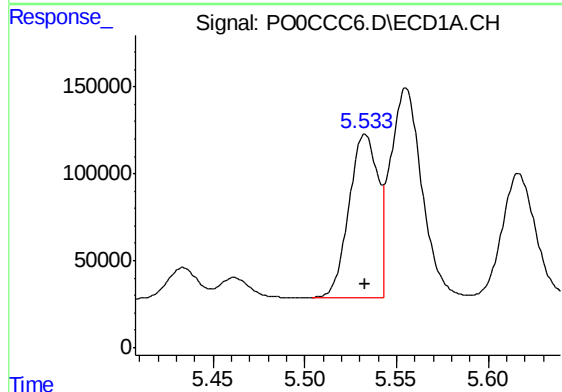
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 687050
Conc: 1254.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



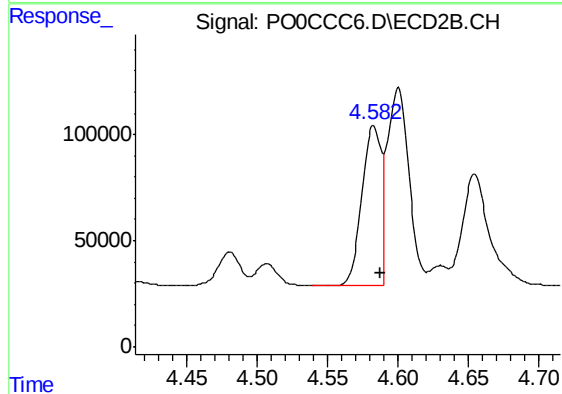
#15 AR-1232-5

R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 618248
Conc: 1092.44 ng/ml



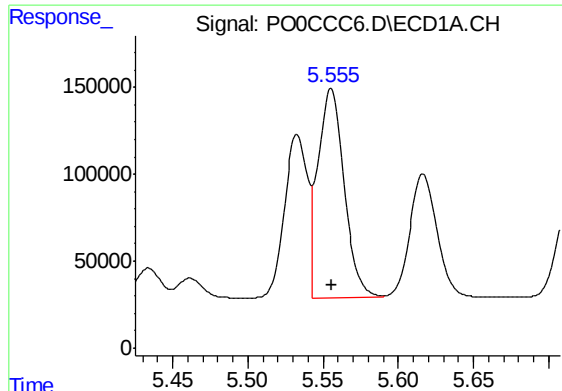
#16 AR-1242-1

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 1013457
Conc: 849.21 ng/ml



#16 AR-1242-1

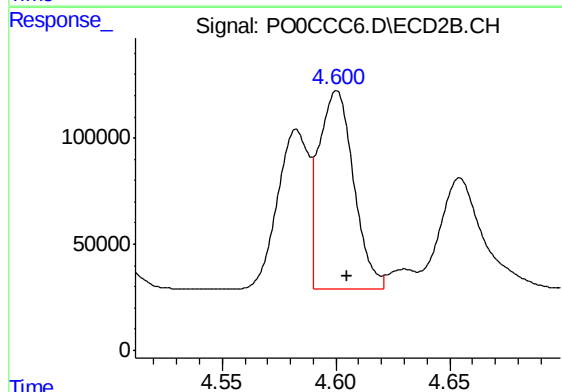
R.T.: 4.583 min
Delta R.T.: -0.005 min
Response: 716413
Conc: 786.94 ng/ml



#17 AR-1242-2

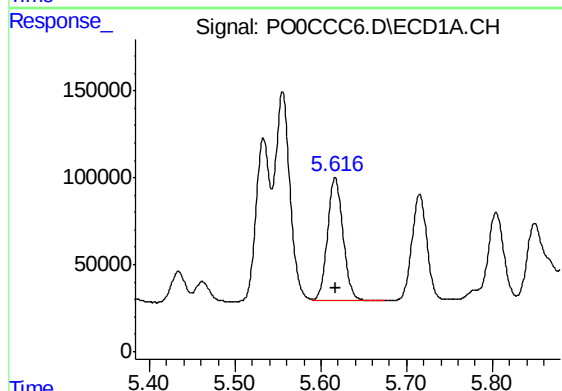
R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 1451023
Conc: 849.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



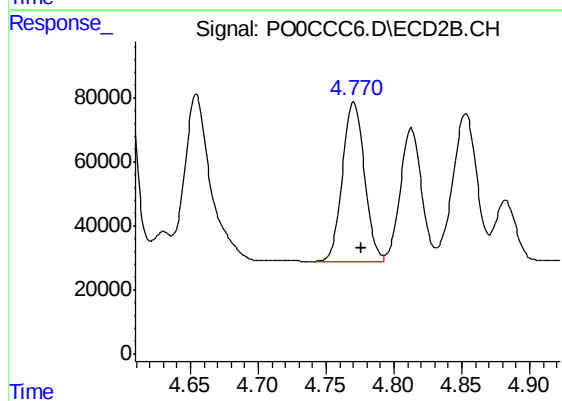
#17 AR-1242-2

R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 1002478
Conc: 800.79 ng/ml



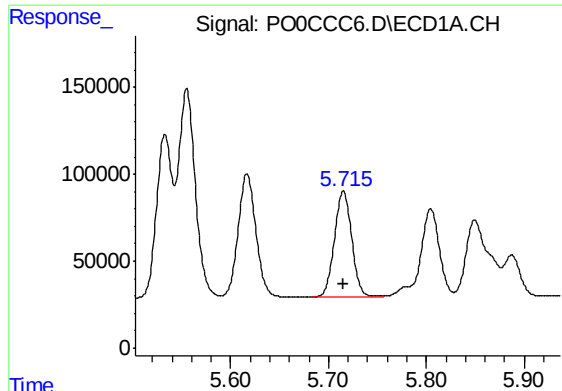
#18 AR-1242-3

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 895897
Conc: 827.33 ng/ml



#18 AR-1242-3

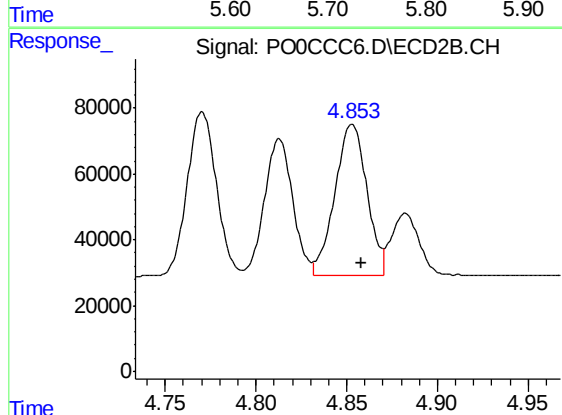
R.T.: 4.770 min
Delta R.T.: -0.005 min
Response: 559156
Conc: 782.52 ng/ml



#19 AR-1242-4

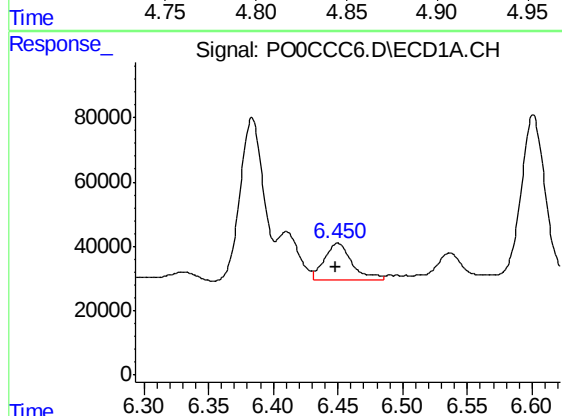
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 748415
Conc: 847.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



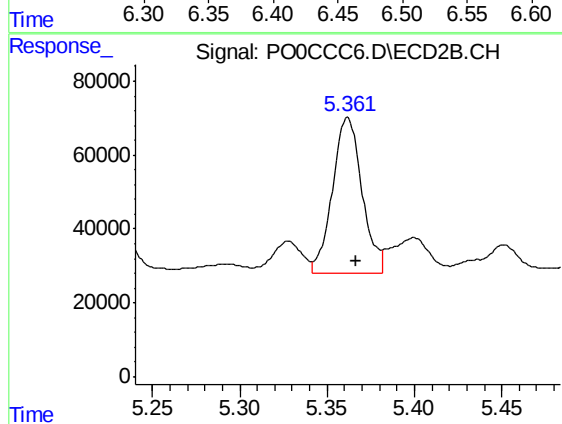
#19 AR-1242-4

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 569009
Conc: 781.35 ng/ml



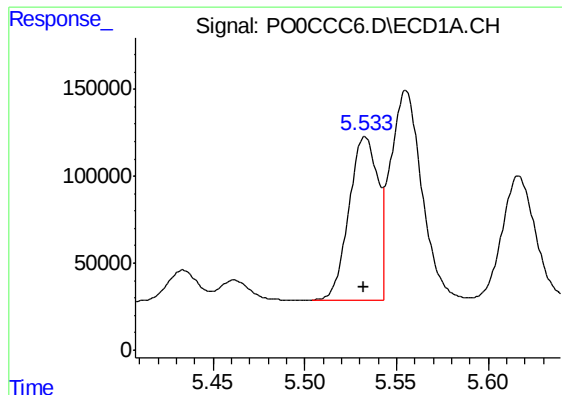
#20 AR-1242-5

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 169754
Conc: 151.47 ng/ml



#20 AR-1242-5

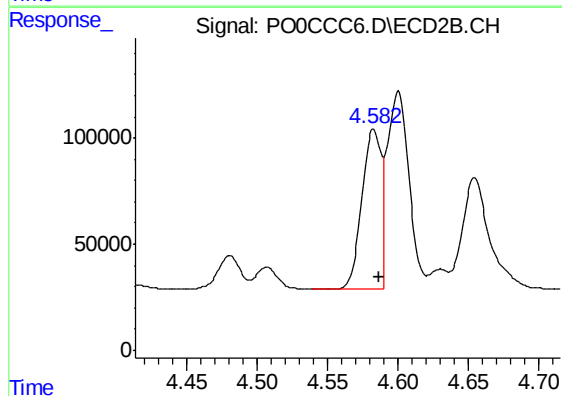
R.T.: 5.362 min
Delta R.T.: -0.005 min
Response: 501853
Conc: 506.97 ng/ml



#21 AR-1248-1

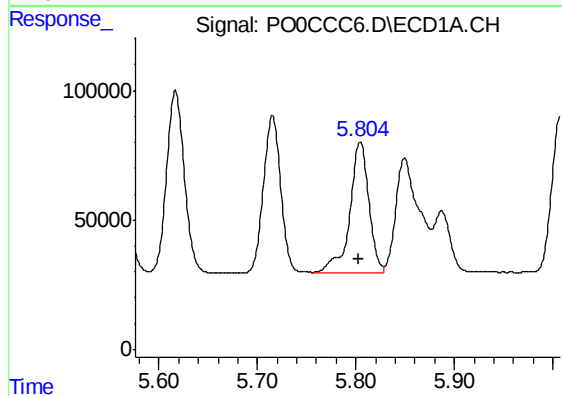
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 1013457
Conc: 1100.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



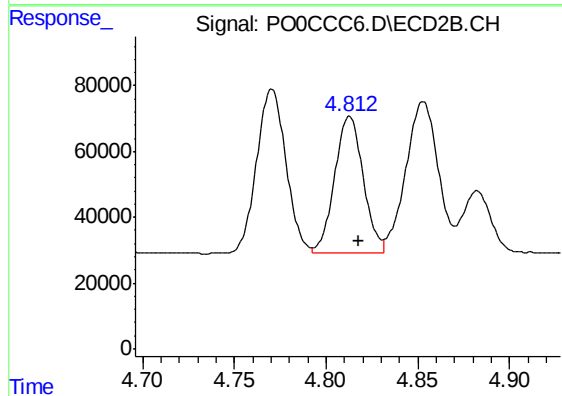
#21 AR-1248-1

R.T.: 4.583 min
Delta R.T.: -0.004 min
Response: 716413
Conc: 1010.06 ng/ml



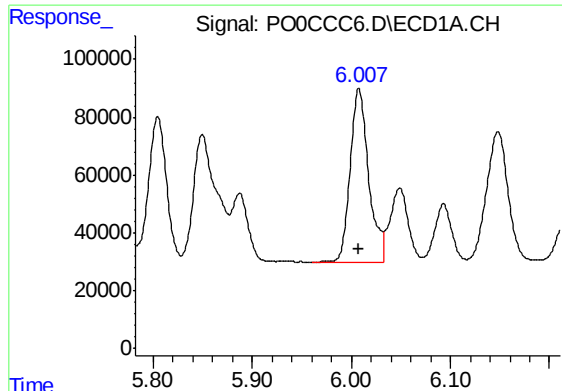
#22 AR-1248-2

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 687050
Conc: 513.78 ng/ml



#22 AR-1248-2

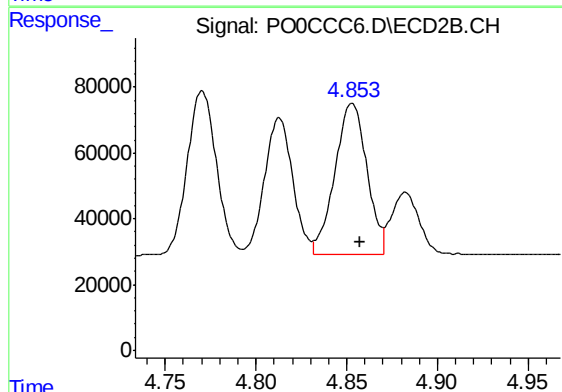
R.T.: 4.813 min
Delta R.T.: -0.005 min
Response: 453468
Conc: 469.33 ng/ml



#23 AR-1248-3

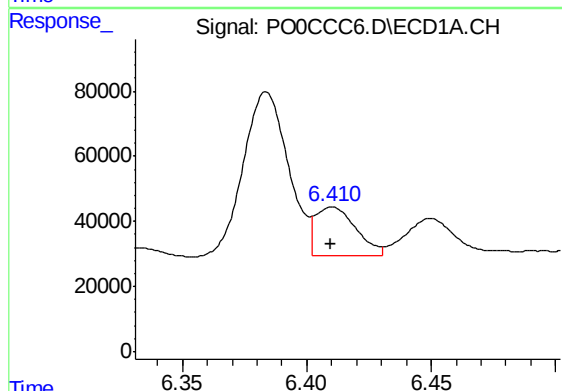
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 778385
Conc: 514.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



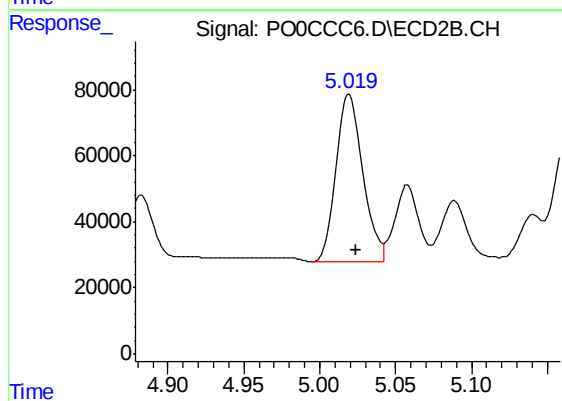
#23 AR-1248-3

R.T.: 4.853 min
Delta R.T.: -0.004 min
Response: 569009
Conc: 564.98 ng/ml



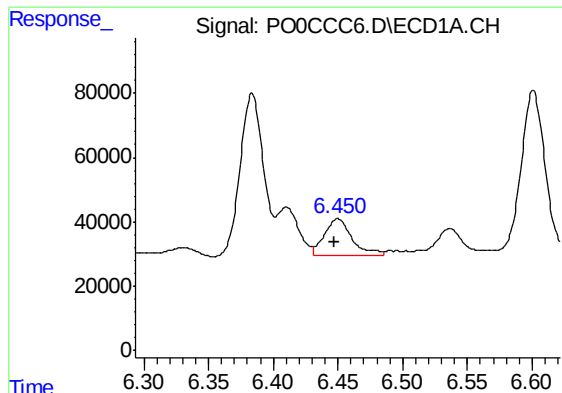
#24 AR-1248-4

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 171907
Conc: 94.36 ng/ml



#24 AR-1248-4

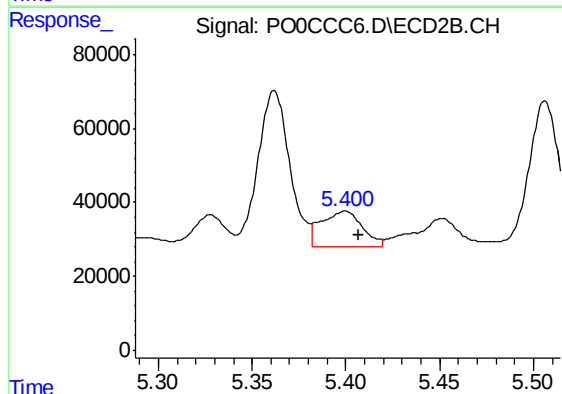
R.T.: 5.019 min
Delta R.T.: -0.005 min
Response: 618248
Conc: 514.81 ng/ml



#25 AR-1248-5

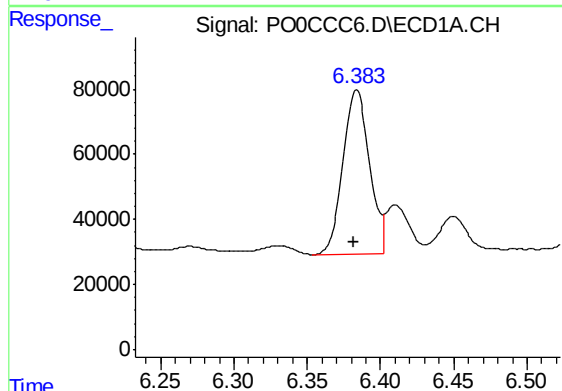
R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 169754
Conc: 97.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



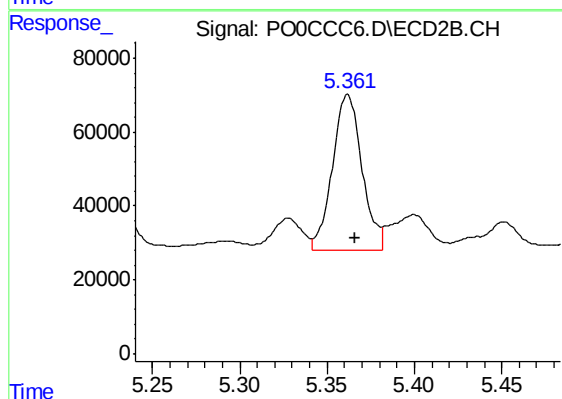
#25 AR-1248-5

R.T.: 5.400 min
Delta R.T.: -0.007 min
Response: 151429
Conc: 119.79 ng/ml



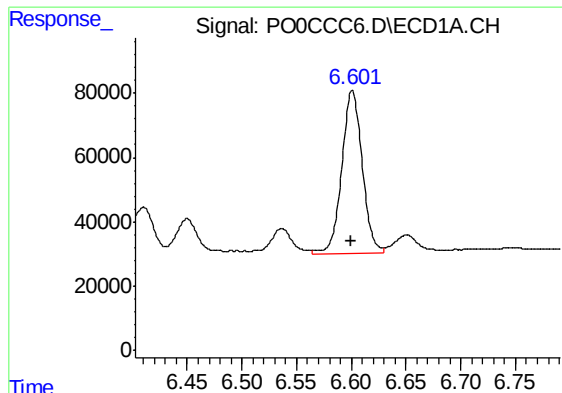
#26 AR-1254-1

R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 639556
Conc: 331.95 ng/ml



#26 AR-1254-1

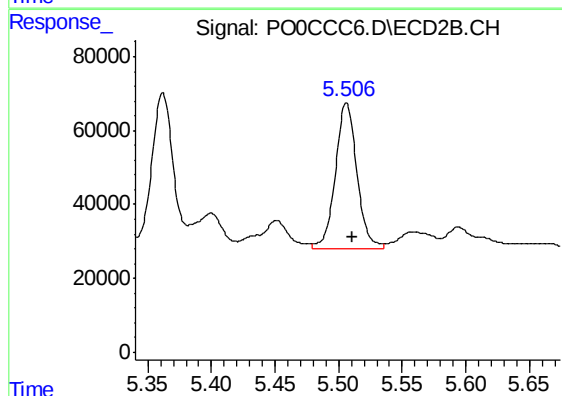
R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 501853
Conc: 243.51 ng/ml



#27 AR-1254-2

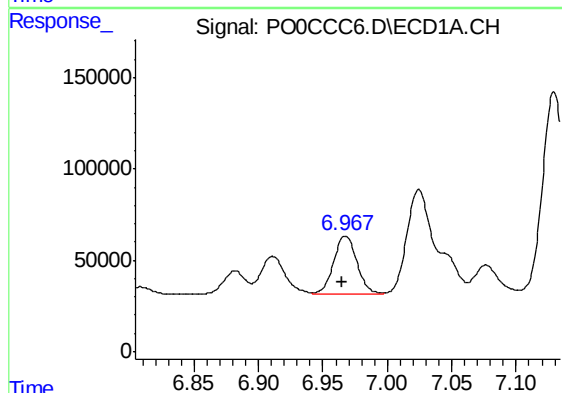
R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 665186
Conc: 211.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



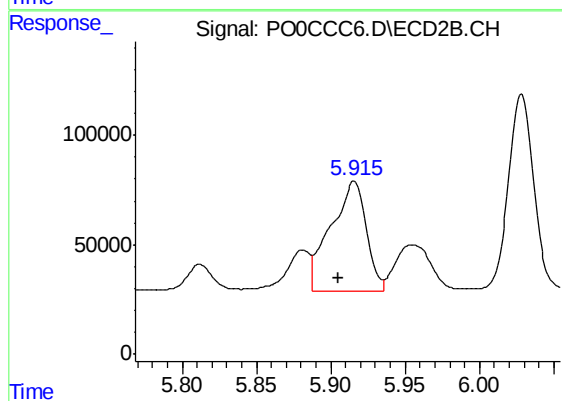
#27 AR-1254-2

R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 471770
Conc: 250.01 ng/ml



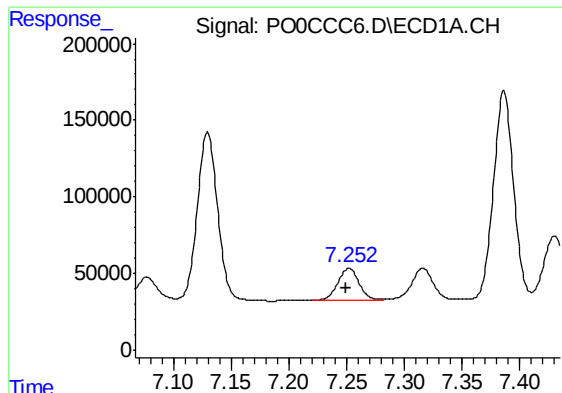
#28 AR-1254-3

R.T.: 6.968 min
Delta R.T.: 0.002 min
Response: 408190
Conc: 115.90 ng/ml



#28 AR-1254-3

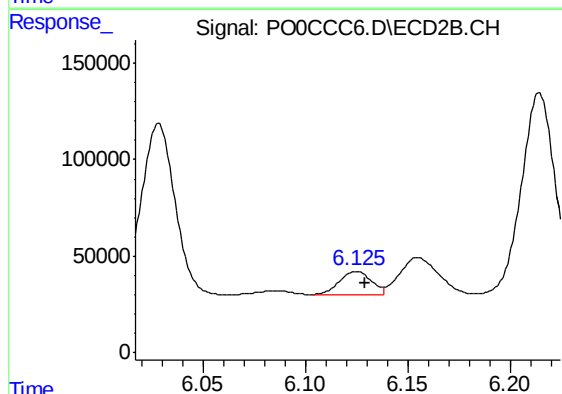
R.T.: 5.916 min
Delta R.T.: 0.011 min
Response: 834653
Conc: 262.51 ng/ml



#29 AR-1254-4

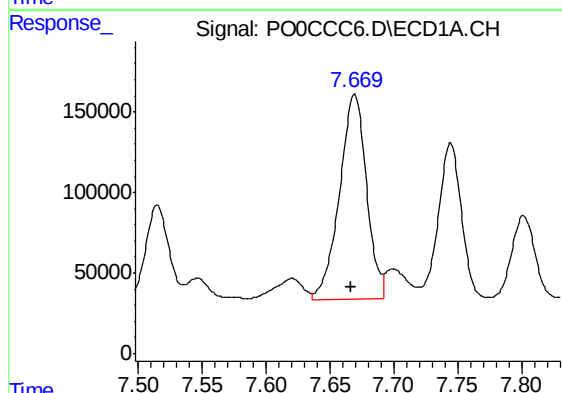
R.T.: 7.252 min
Delta R.T.: 0.002 min
Response: 276512
Conc: 102.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



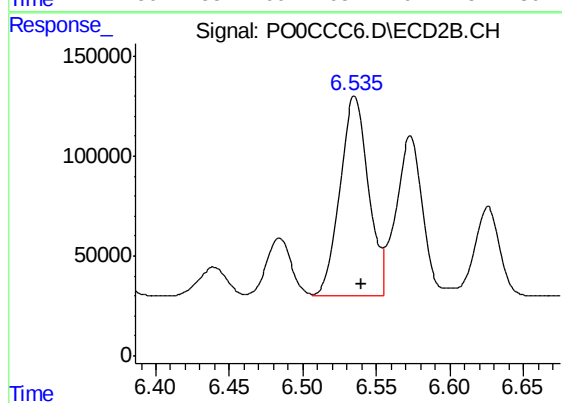
#29 AR-1254-4

R.T.: 6.125 min
Delta R.T.: -0.004 min
Response: 137937
Conc: 66.25 ng/ml



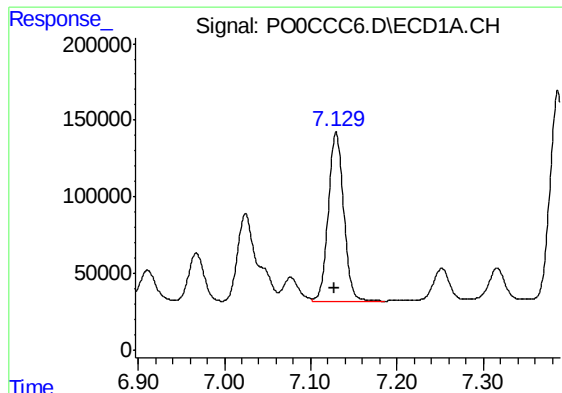
#30 AR-1254-5

R.T.: 7.669 min
Delta R.T.: 0.003 min
Response: 1868181
Conc: 633.54 ng/ml



#30 AR-1254-5

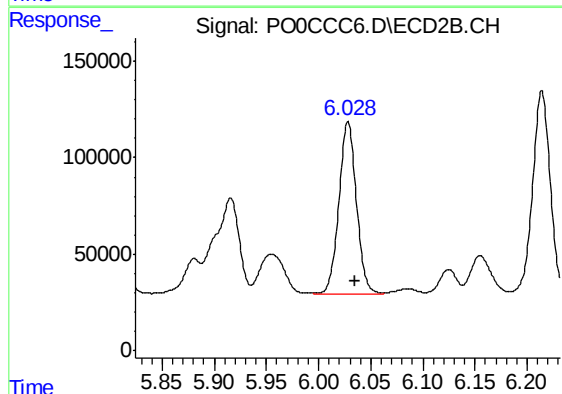
R.T.: 6.535 min
Delta R.T.: -0.005 min
Response: 1345595
Conc: 425.16 ng/ml



#31 AR-1260-1

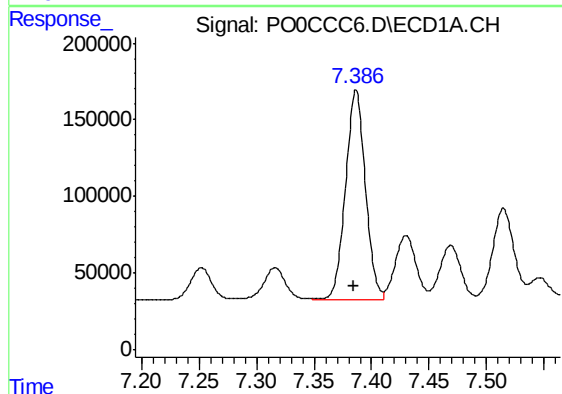
R.T.: 7.129 min
Delta R.T.: 0.002 min
Response: 1369787
Conc: 562.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



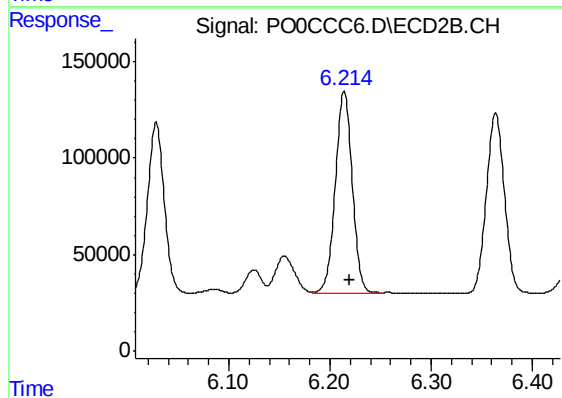
#31 AR-1260-1

R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 1052923
Conc: 500.58 ng/ml



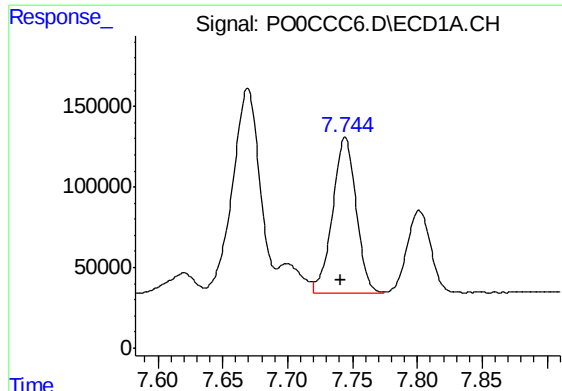
#32 AR-1260-2

R.T.: 7.386 min
Delta R.T.: 0.002 min
Response: 1661133
Conc: 549.43 ng/ml



#32 AR-1260-2

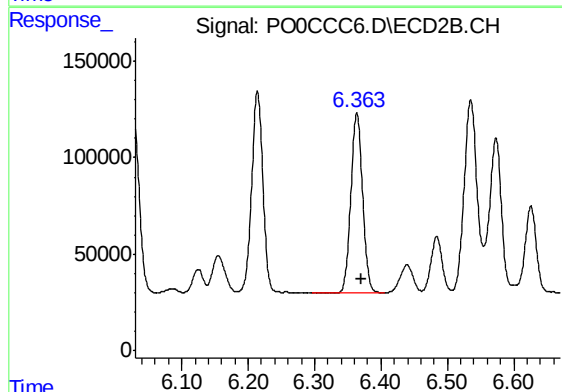
R.T.: 6.214 min
Delta R.T.: -0.005 min
Response: 1213444
Conc: 470.42 ng/ml



#33 AR-1260-3

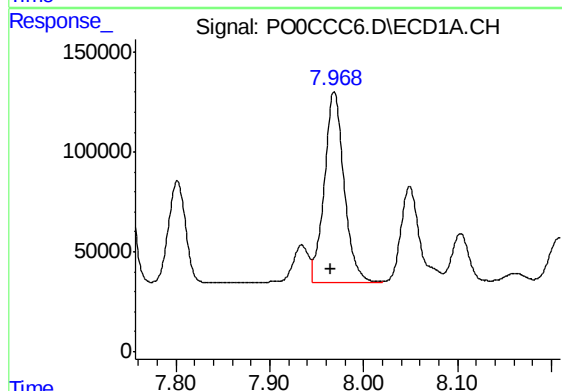
R.T.: 7.744 min
Delta R.T.: 0.003 min
Response: 1222952
Conc: 512.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



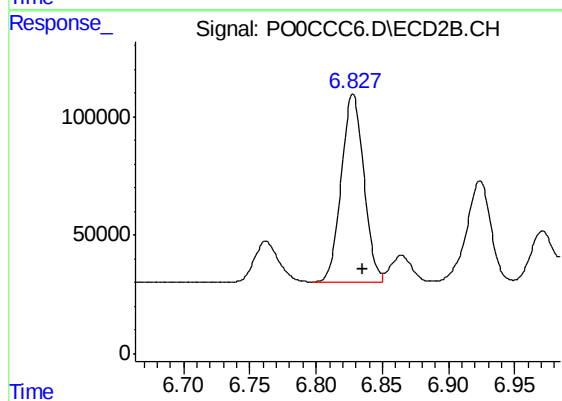
#33 AR-1260-3

R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 1148712
Conc: 477.03 ng/ml



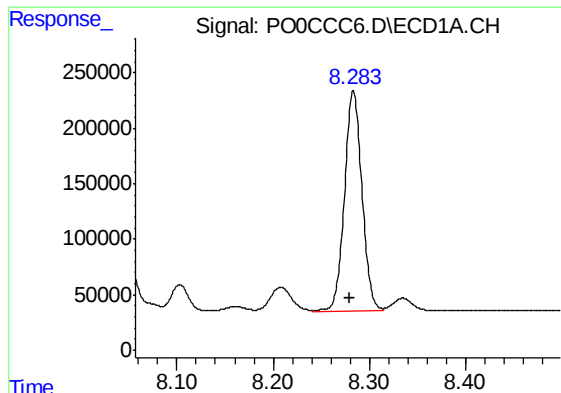
#34 AR-1260-4

R.T.: 7.969 min
Delta R.T.: 0.003 min
Response: 1395339
Conc: 498.75 ng/ml



#34 AR-1260-4

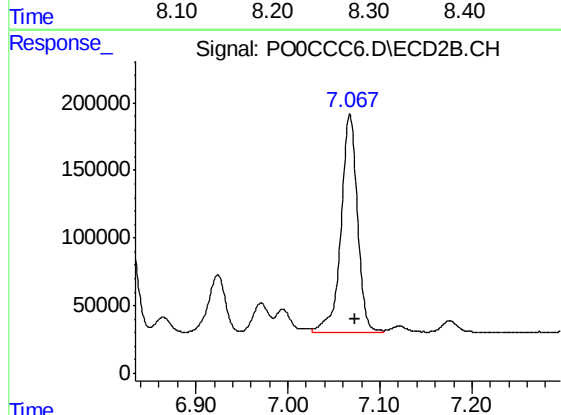
R.T.: 6.828 min
Delta R.T.: -0.007 min
Response: 937732
Conc: 438.14 ng/ml



#35 AR-1260-5

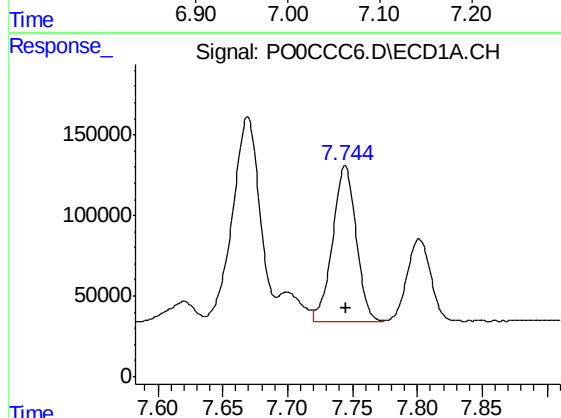
R.T.: 8.283 min
Delta R.T.: 0.004 min
Response: 2521468
Conc: 463.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



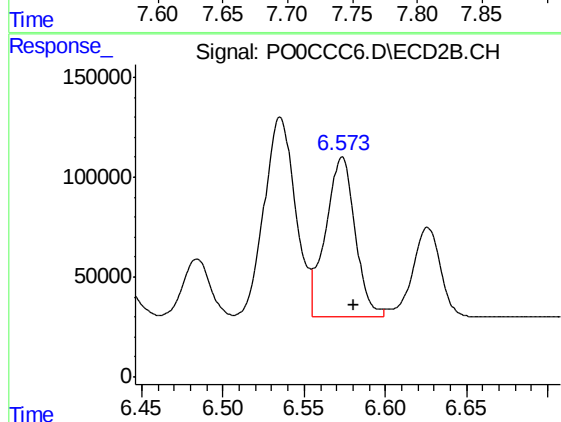
#35 AR-1260-5

R.T.: 7.067 min
Delta R.T.: -0.006 min
Response: 1998593
Conc: 413.57 ng/ml



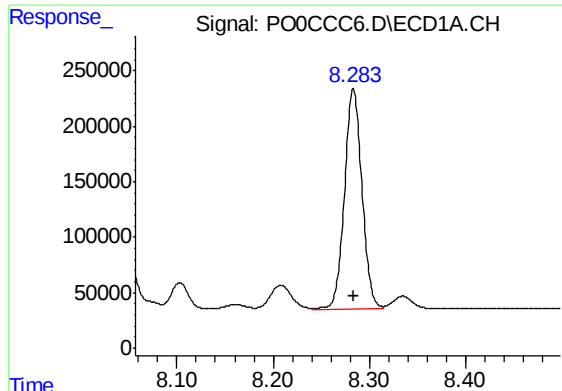
#36 AR-1262-1

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 1222952
Conc: 346.22 ng/ml



#36 AR-1262-1

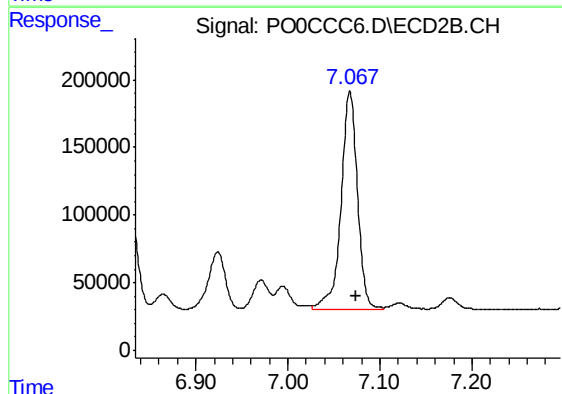
R.T.: 6.573 min
Delta R.T.: -0.008 min
Response: 1015764
Conc: 340.07 ng/ml



#37 AR-1262-2

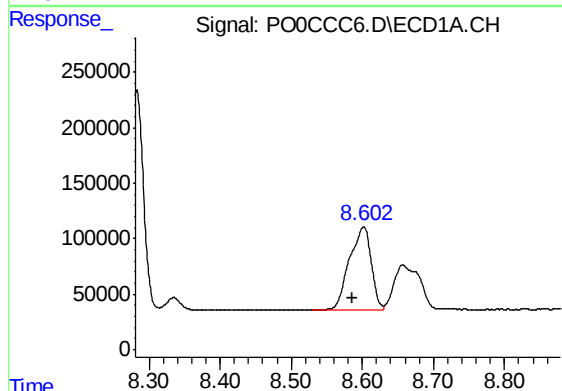
R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 2521468
Conc: 404.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



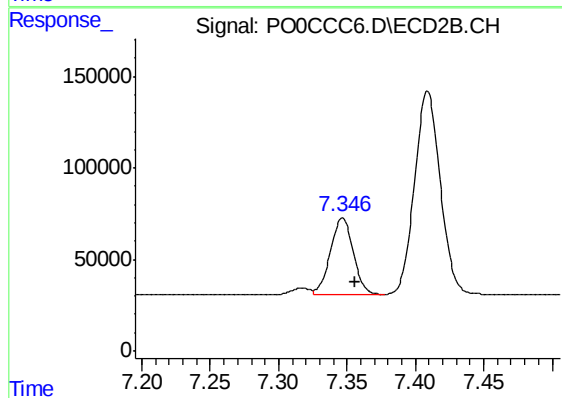
#37 AR-1262-2

R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 1998593
Conc: 384.38 ng/ml



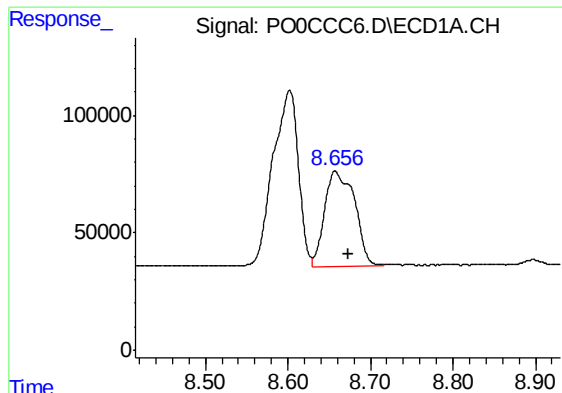
#38 AR-1262-3

R.T.: 8.602 min
Delta R.T.: 0.015 min
Response: 1607971
Conc: 377.38 ng/ml



#38 AR-1262-3

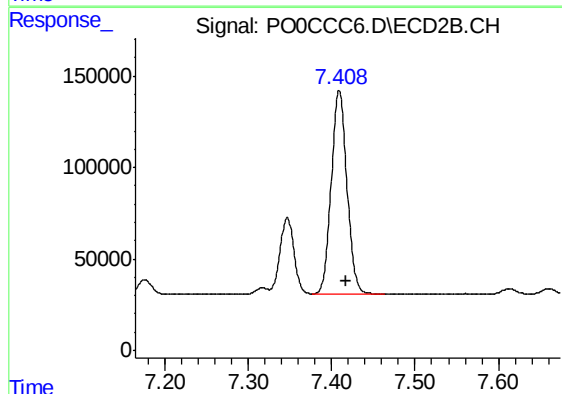
R.T.: 7.347 min
Delta R.T.: -0.009 min
Response: 494863
Conc: 233.16 ng/ml



#39 AR-1262-4

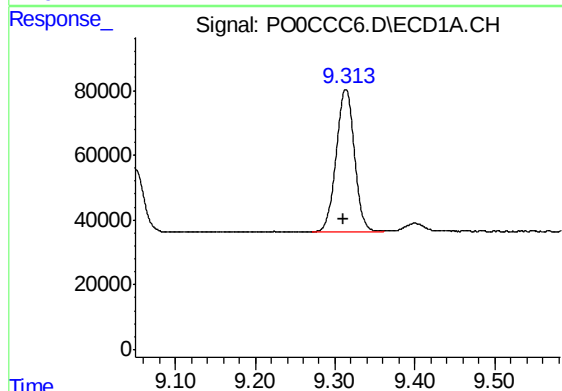
R.T.: 8.657 min
Delta R.T.: -0.016 min
Response: 1026967
Conc: 314.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



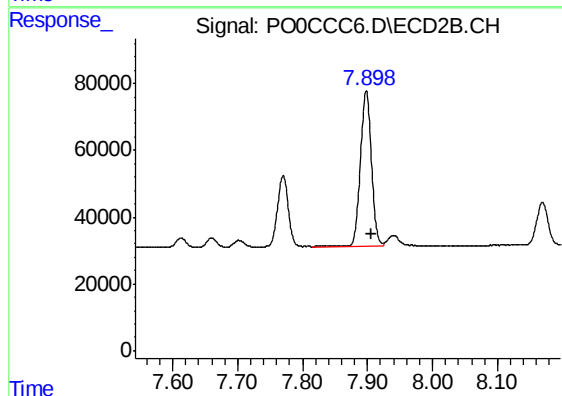
#39 AR-1262-4

R.T.: 7.409 min
Delta R.T.: -0.009 min
Response: 1458905
Conc: 381.96 ng/ml



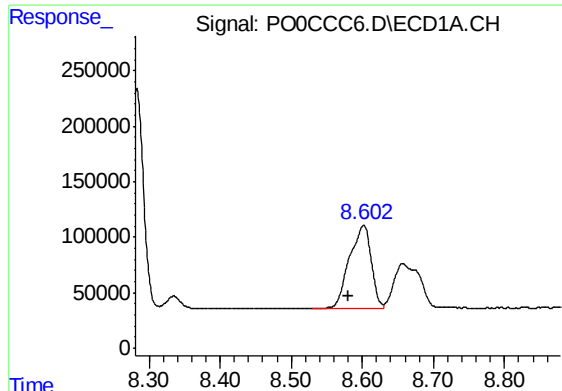
#40 AR-1262-5

R.T.: 9.314 min
Delta R.T.: 0.002 min
Response: 695725
Conc: 342.15 ng/ml



#40 AR-1262-5

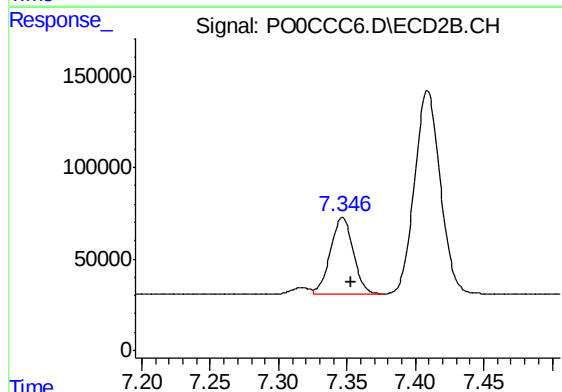
R.T.: 7.898 min
Delta R.T.: -0.007 min
Response: 546970
Conc: 326.79 ng/ml



#41 AR-1268-1

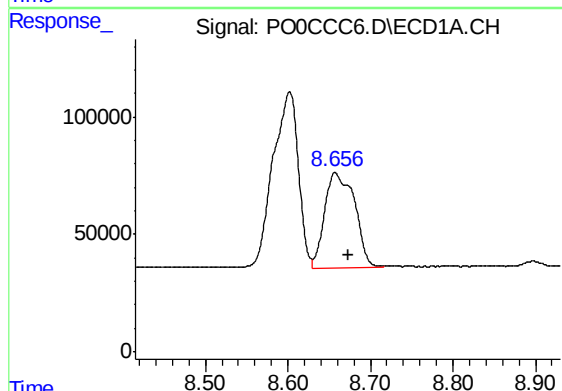
R.T.: 8.602 min
Delta R.T.: 0.022 min
Response: 1607971
Conc: 217.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



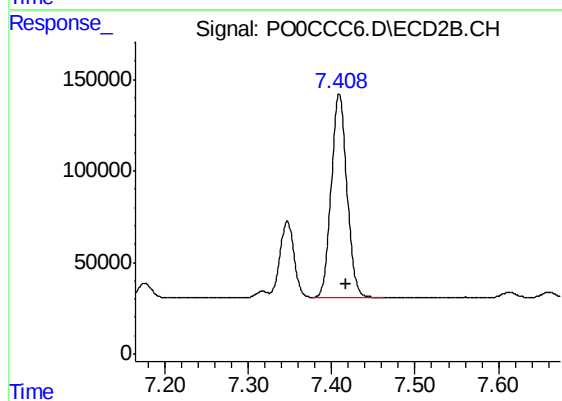
#41 AR-1268-1

R.T.: 7.347 min
Delta R.T.: -0.007 min
Response: 494863
Conc: 84.42 ng/ml



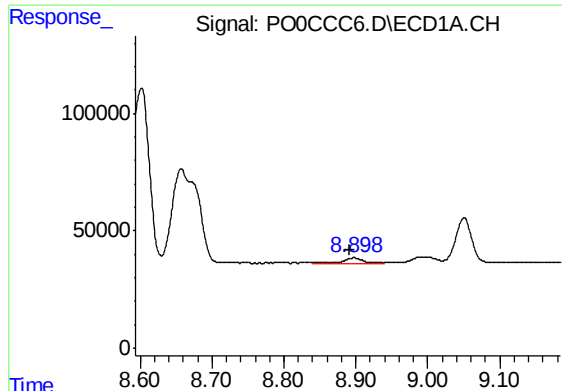
#42 AR-1268-2

R.T.: 8.657 min
Delta R.T.: -0.016 min
Response: 1026967
Conc: 152.03 ng/ml



#42 AR-1268-2

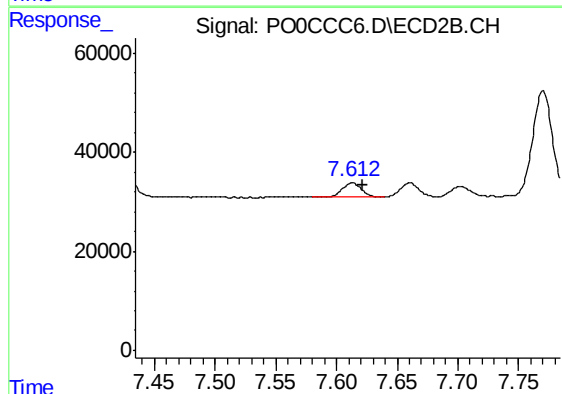
R.T.: 7.409 min
Delta R.T.: -0.008 min
Response: 1458905
Conc: 273.72 ng/ml



#43 AR-1268-3

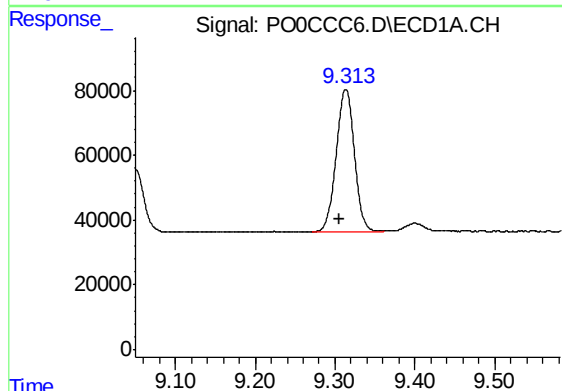
R.T.: 8.897 min
Delta R.T.: 0.005 min
Response: 46970
Conc: 8.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



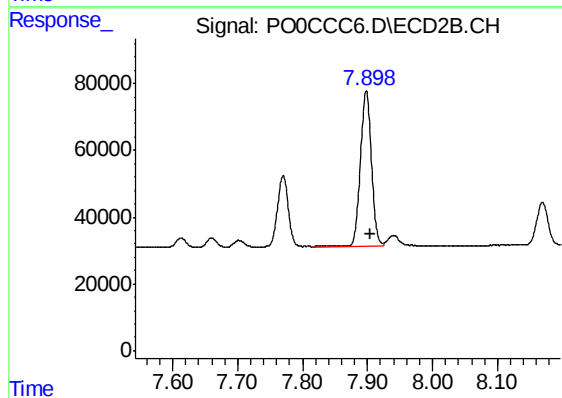
#43 AR-1268-3

R.T.: 7.613 min
Delta R.T.: -0.009 min
Response: 32529
Conc: 7.34 ng/ml



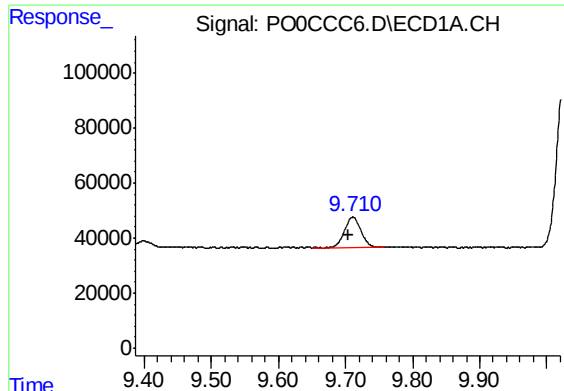
#44 AR-1268-4

R.T.: 9.314 min
Delta R.T.: 0.007 min
Response: 695725
Conc: 301.61 ng/ml



#44 AR-1268-4

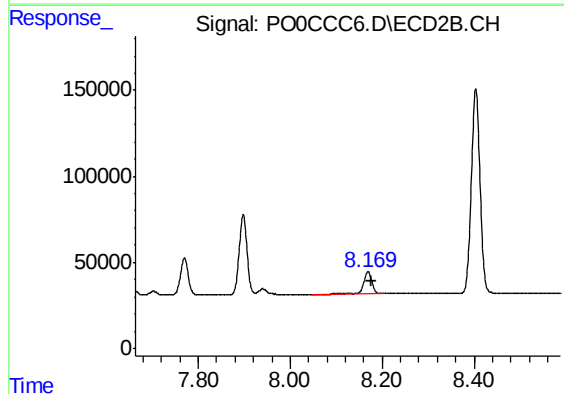
R.T.: 7.898 min
Delta R.T.: -0.005 min
Response: 546970
Conc: 286.24 ng/ml



#45 AR-1268-5

R.T.: 9.711 min
Delta R.T.: 0.007 min
Response: 190437
Conc: 12.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.170 min
Delta R.T.: -0.007 min
Response: 158910
Conc: 13.21 ng/ml