

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100620\
 Data File : PO072045.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Oct 2020 16:35
 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: Oct 06 17:05:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 05 11:48:20 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...	4.332	3.512	3958288	1775091	55.109	47.391
2)	SA Decachlor...	9.936	8.684	5047976	2448005	45.846	43.039
Target Compounds							
3)	L1 AR-1016-1	5.635	4.734	1565482	727236	516.660	447.641
4)	L1 AR-1016-2	5.656	4.751	2241476	1023813	513.197	450.941
5)	L1 AR-1016-3	5.719	4.936	1315869	552175	513.094	448.832
6)	L1 AR-1016-4	5.825	4.993	1109149	479887	510.842	449.611
7)	L1 AR-1016-5	6.134	5.213	1065961	574568	481.551	453.418
8)	L2 AR-1221-1	4.583	3.761	119944	65947	162.738	152.271
9)	L2 AR-1221-2	4.683	3.857	182157	93968	329.777	290.924
10)	L2 AR-1221-3	4.770	3.942	710618	359466	393.235	362.189
11)	L3 AR-1232-1	4.770	3.942	710618	359466	469.481	422.300
12)	L3 AR-1232-2	5.342	4.751	1029419	1023813	1297.874	1088.703
13)	L3 AR-1232-3	5.656	4.936	2241476	552175	1301.998	1110.529
14)	L3 AR-1232-4	5.825	5.035	1109149	508489	1271.629	1233.367
15)	L3 AR-1232-5	5.923	5.213	867307	574568	1585.797	1183.939 #
16)	L4 AR-1242-1	5.635	4.734	1565482	727236	718.029	652.332
17)	L4 AR-1242-2	5.656	4.751	2241476	1023813	721.399	654.605
18)	L4 AR-1242-3	5.719	4.936	1315869	552175	706.783	632.720
19)	L4 AR-1242-4	5.825	5.035	1109149	508489	716.896	636.595
20)	L4 AR-1242-5	6.595	5.586	186706	482284	96.450	413.827 #
21)	L5 AR-1248-1	5.635	4.734	1565482	727236	994.042	854.962
22)	L5 AR-1248-2	5.923	4.993	867307	479887	421.443	401.062
23)	L5 AR-1248-3	6.134	5.035	1065961	508489	425.967	448.312
24)	L5 AR-1248-4	6.558	5.213	262507	574568	77.464	406.186 #
25)	L5 AR-1248-5	6.595	5.628	186706	78040	58.759	50.233
26)	L6 AR-1254-1	6.524	5.586	860217	482284	246.216	201.806
27)	L6 AR-1254-2	6.751	5.747	986635	437613	179.208	204.591
28)	L6 AR-1254-3	7.127	6.157	565767	243801	97.965	71.808 #
29)	L6 AR-1254-4	7.421	6.396	541744	146526	92.988	60.344 #
30)	L6 AR-1254-5	7.842	6.817	3706483	1592667	688.699	486.740 #
31)	L7 AR-1260-1	7.290	6.292	2445029	1129340	510.159	441.078
32)	L7 AR-1260-2	7.556	6.493	3576583	1419594	477.504	443.750
33)	L7 AR-1260-3	7.913	6.639	2911606	1294325	456.701	438.573
34)	L7 AR-1260-4	8.138	7.114	2698391	1122487	449.541	424.246
35)	L7 AR-1260-5	8.454	7.367	6244159	2827439	450.615	425.569
36)	L8 AR-1262-1	7.913	6.817	2911606	1592667	353.332	899.292 #
37)	L8 AR-1262-2	8.454	7.367	6244159	2827439	448.304	449.586
38)	L8 AR-1262-3	8.721	7.645	1411199	700260	230.558	258.123
39)	L8 AR-1262-4	8.787	7.708	2261221	2135091	338.029	440.747 #
40)	L8 AR-1262-5	9.351	8.205	1866797	858639	385.938	346.631
41)	L9 AR-1268-1	8.721	7.645	1411199	700260	83.496	91.104

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 Acq On : 06 Oct 2020 16:35
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

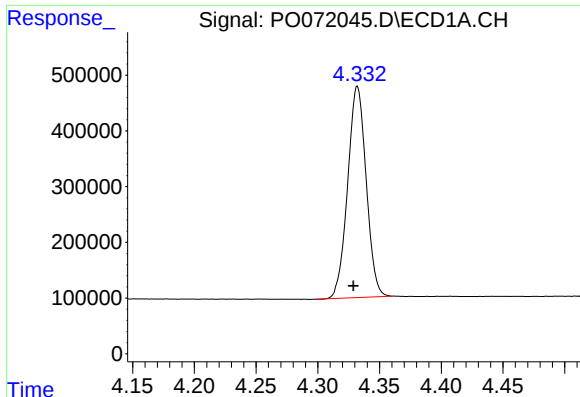
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 17:05:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100320.M
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Volume Inj. : 2 µl
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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	8.787f	7.708	2261221	2135091	158.998	305.806 #
43) L9	AR-1268-3	8.982	7.907	102009	55129	8.299	9.233
44) L9	AR-1268-4	9.351	8.205	1866797	858639	341.796	309.068
45) L9	AR-1268-5	9.677	8.472	432169	243634	11.786	12.877

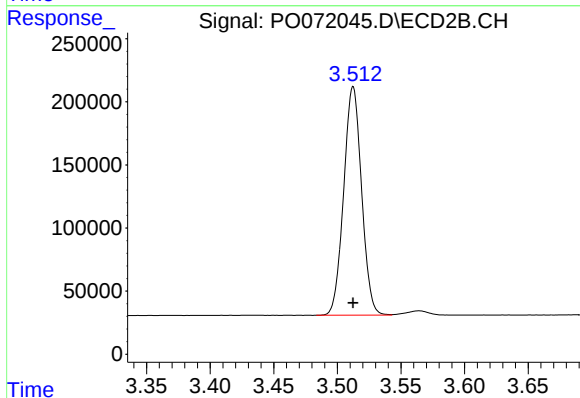
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

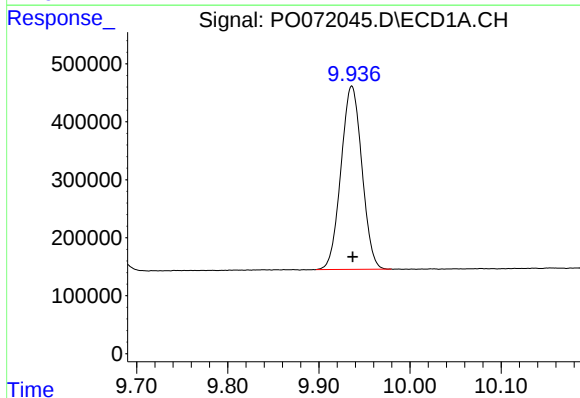
R.T.: 4.332 min
Delta R.T.: 0.003 min
Response: 3958288
Conc: 55.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



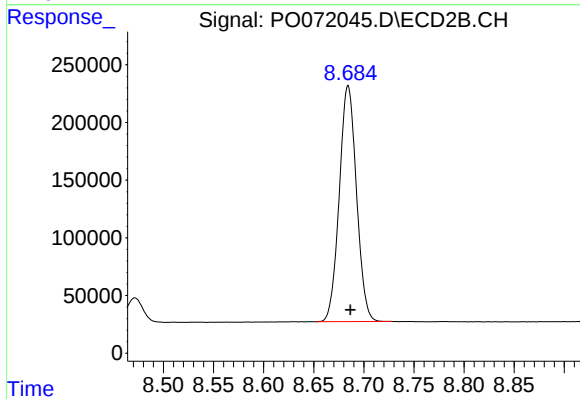
#1 Tetrachloro-m-xylene

R.T.: 3.512 min
Delta R.T.: 0.000 min
Response: 1775091
Conc: 47.39 ng/ml



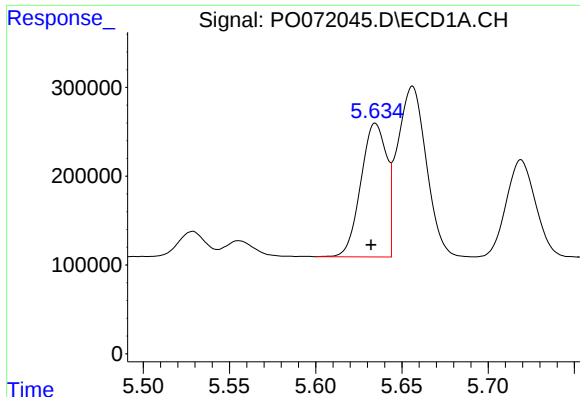
#2 Decachlorobiphenyl

R.T.: 9.936 min
Delta R.T.: 0.000 min
Response: 5047976
Conc: 45.85 ng/ml



#2 Decachlorobiphenyl

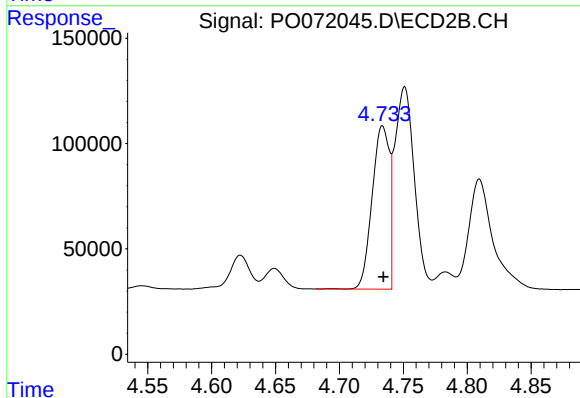
R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 2448005
Conc: 43.04 ng/ml



#3 AR-1016-1

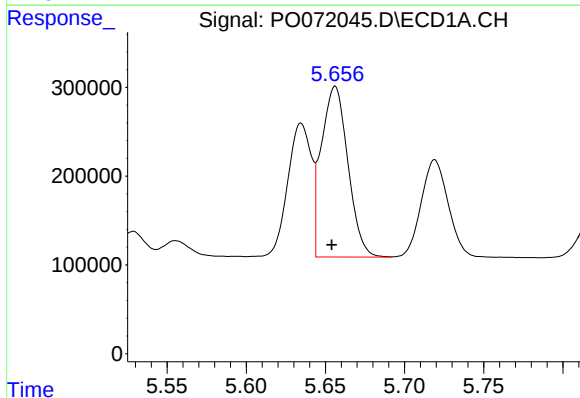
R.T.: 5.635 min
Delta R.T.: 0.002 min
Response: 1565482
Conc: 516.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



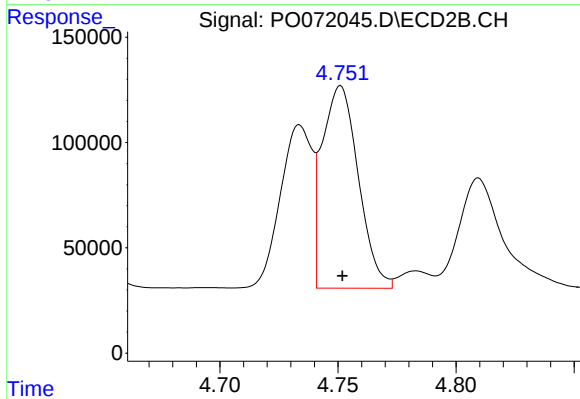
#3 AR-1016-1

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 727236
Conc: 447.64 ng/ml



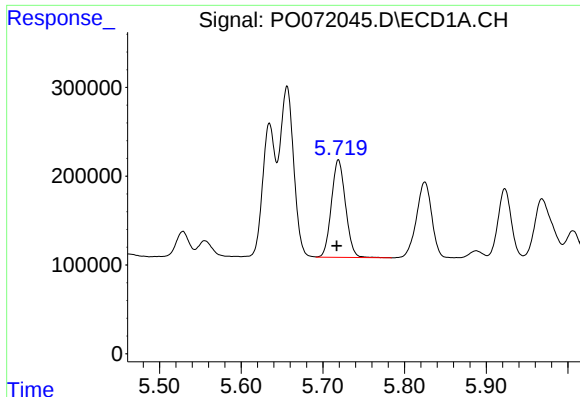
#4 AR-1016-2

R.T.: 5.656 min
Delta R.T.: 0.002 min
Response: 2241476
Conc: 513.20 ng/ml



#4 AR-1016-2

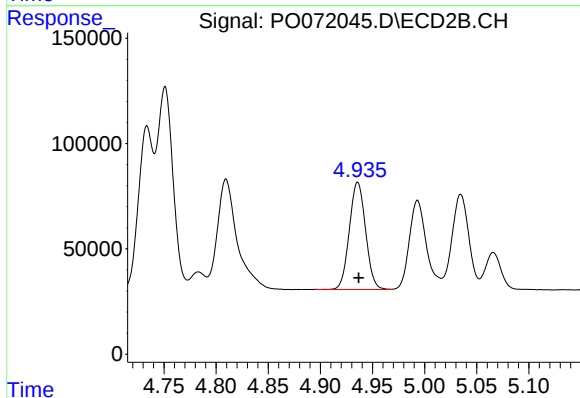
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1023813
Conc: 450.94 ng/ml



#5 AR-1016-3

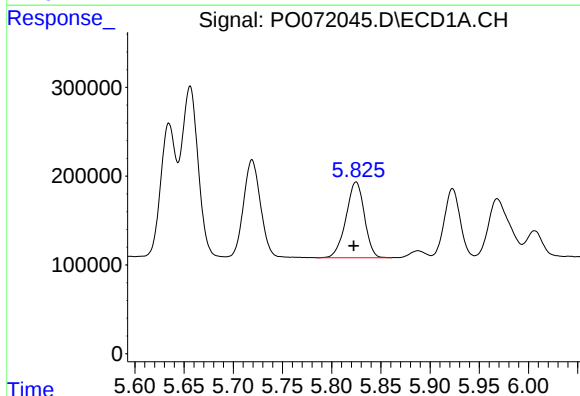
R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 1315869
Conc: 513.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



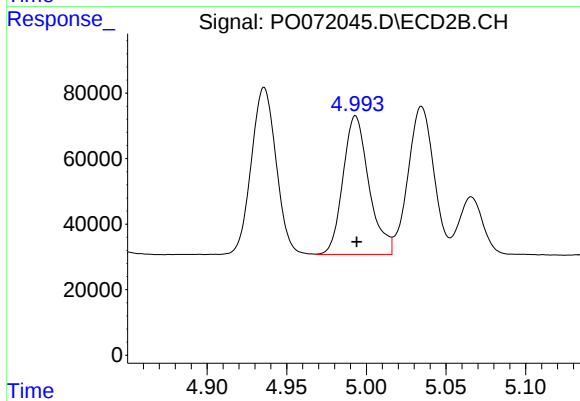
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 552175
Conc: 448.83 ng/ml



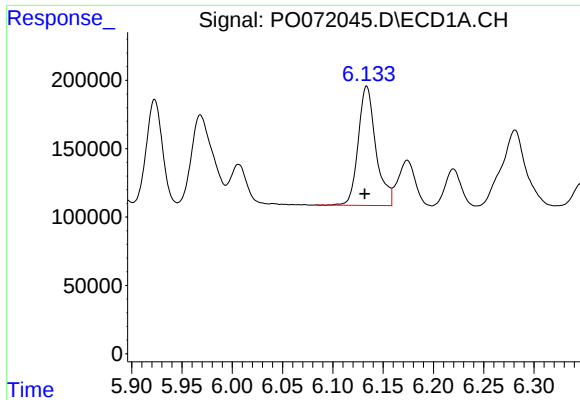
#6 AR-1016-4

R.T.: 5.825 min
Delta R.T.: 0.002 min
Response: 1109149
Conc: 510.84 ng/ml



#6 AR-1016-4

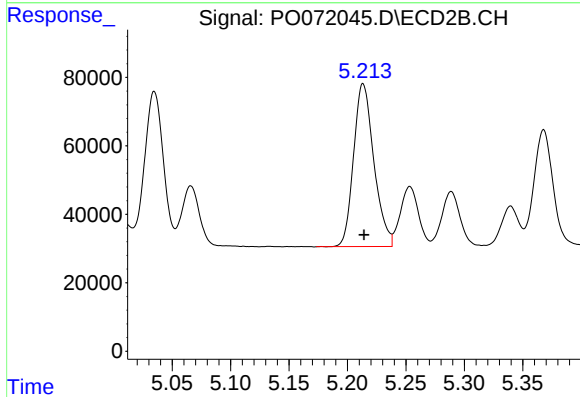
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 479887
Conc: 449.61 ng/ml



#7 AR-1016-5

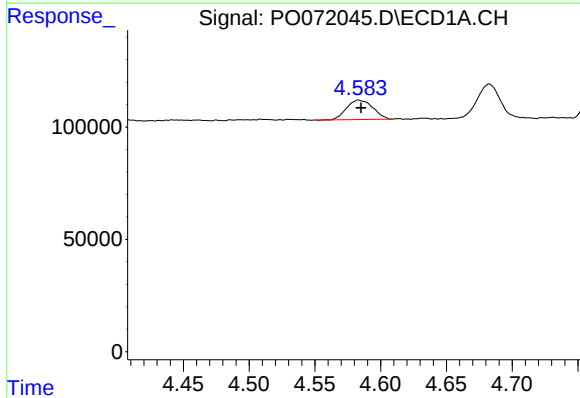
R.T.: 6.134 min
Delta R.T.: 0.002 min
Response: 1065961
Conc: 481.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



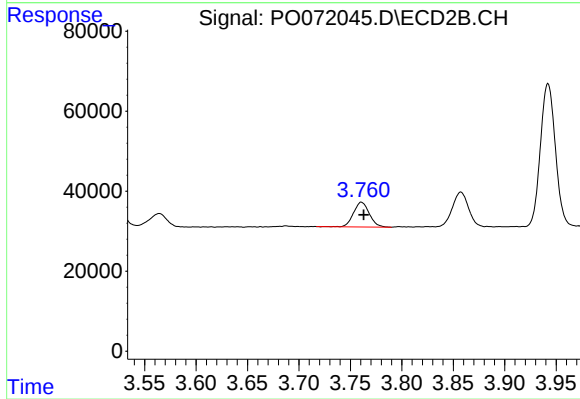
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 574568
Conc: 453.42 ng/ml



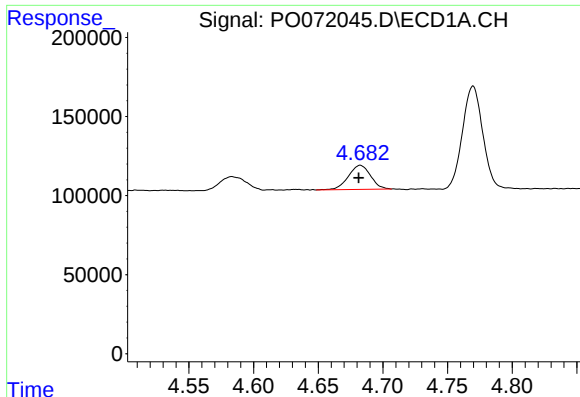
#8 AR-1221-1

R.T.: 4.583 min
Delta R.T.: -0.002 min
Response: 119944
Conc: 162.74 ng/ml



#8 AR-1221-1

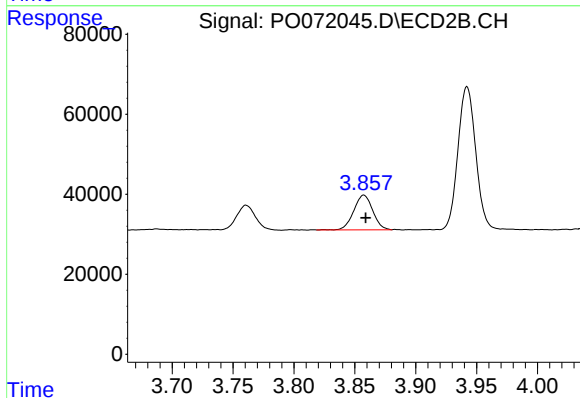
R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 65947
Conc: 152.27 ng/ml



#9 AR-1221-2

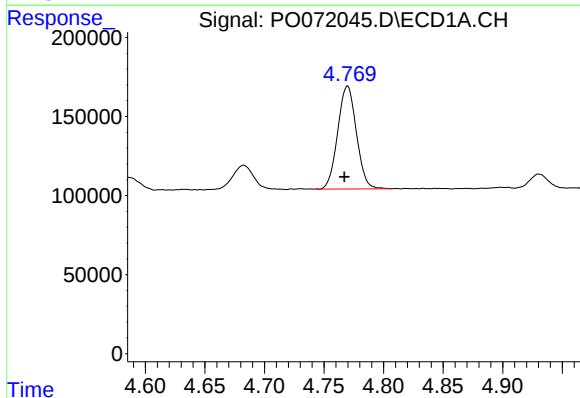
R.T.: 4.683 min
Delta R.T.: 0.001 min
Response: 182157
Conc: 329.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



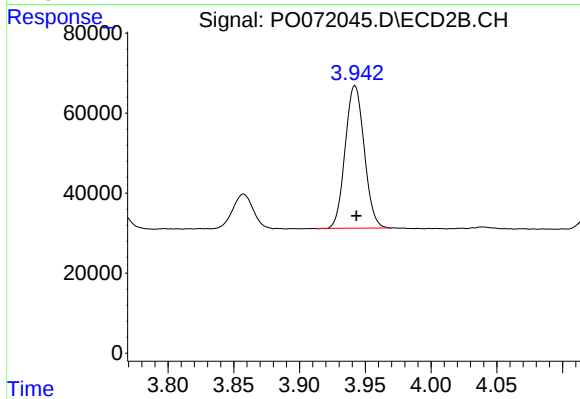
#9 AR-1221-2

R.T.: 3.857 min
Delta R.T.: -0.002 min
Response: 93968
Conc: 290.92 ng/ml



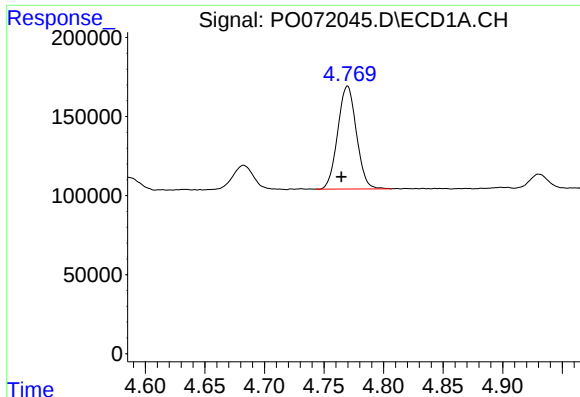
#10 AR-1221-3

R.T.: 4.770 min
Delta R.T.: 0.003 min
Response: 710618
Conc: 393.23 ng/ml



#10 AR-1221-3

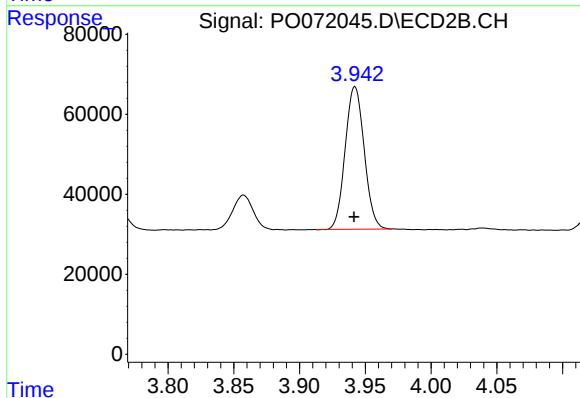
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 359466
Conc: 362.19 ng/ml



#11 AR-1232-1

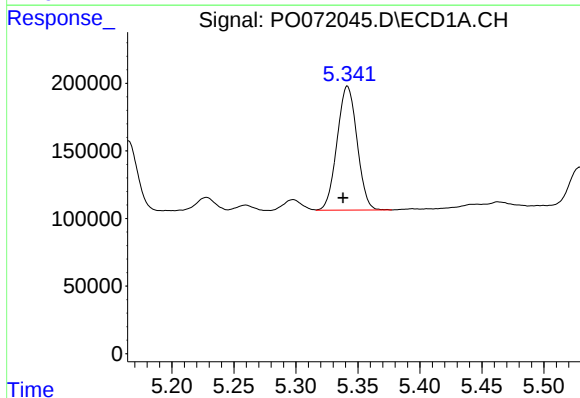
R.T.: 4.770 min
Delta R.T.: 0.005 min
Response: 710618
Conc: 469.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



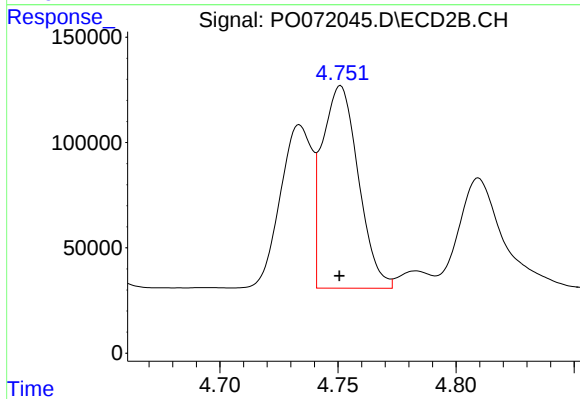
#11 AR-1232-1

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 359466
Conc: 422.30 ng/ml



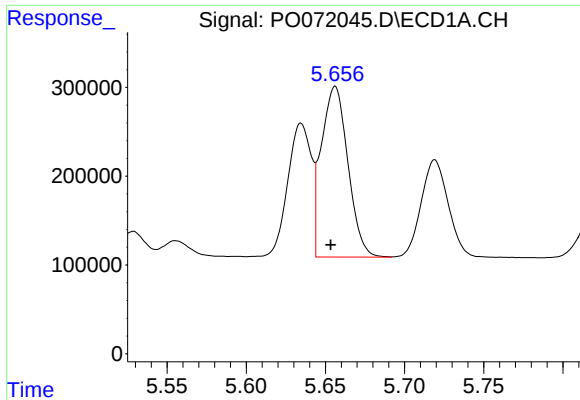
#12 AR-1232-2

R.T.: 5.342 min
Delta R.T.: 0.003 min
Response: 1029419
Conc: 1297.87 ng/ml



#12 AR-1232-2

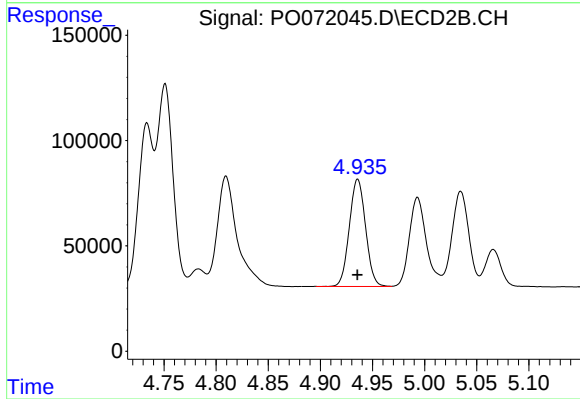
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1023813
Conc: 1088.70 ng/ml



#13 AR-1232-3

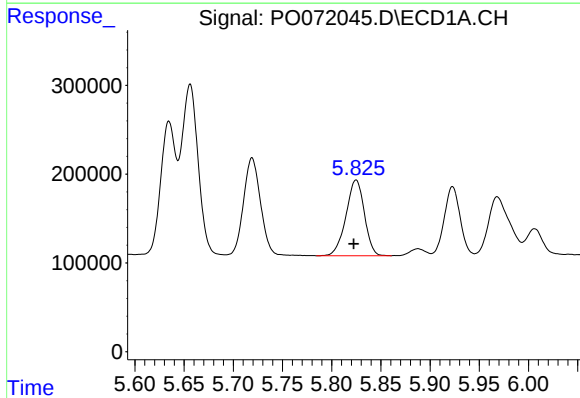
R.T.: 5.656 min
Delta R.T.: 0.003 min
Response: 2241476
Conc: 1302.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



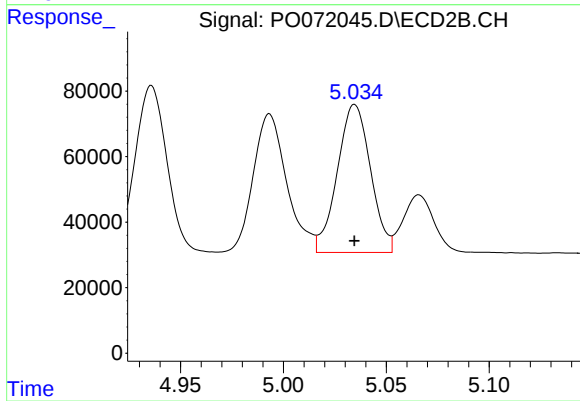
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 552175
Conc: 1110.53 ng/ml



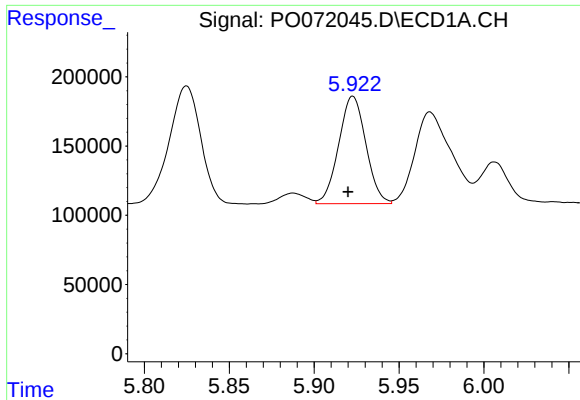
#14 AR-1232-4

R.T.: 5.825 min
Delta R.T.: 0.002 min
Response: 1109149
Conc: 1271.63 ng/ml



#14 AR-1232-4

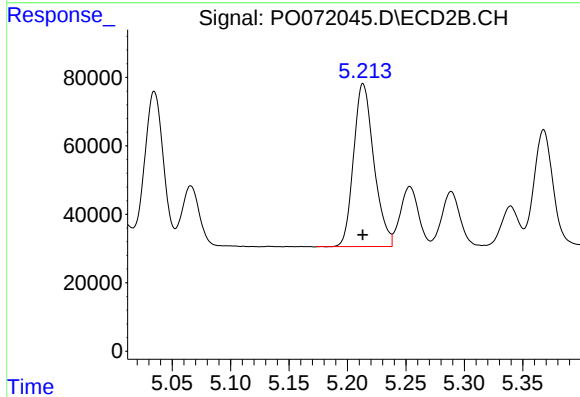
R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 508489
Conc: 1233.37 ng/ml



#15 AR-1232-5

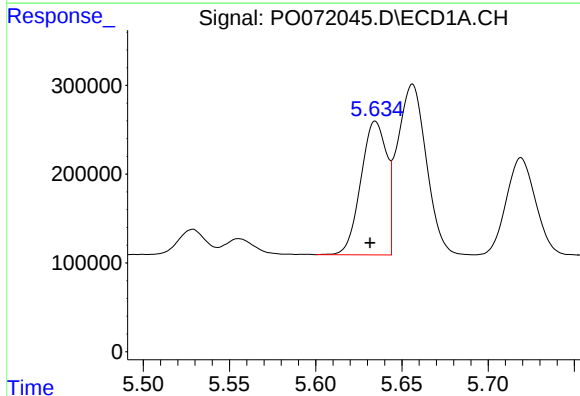
R.T.: 5.923 min
Delta R.T.: 0.003 min
Response: 867307
Conc: 1585.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



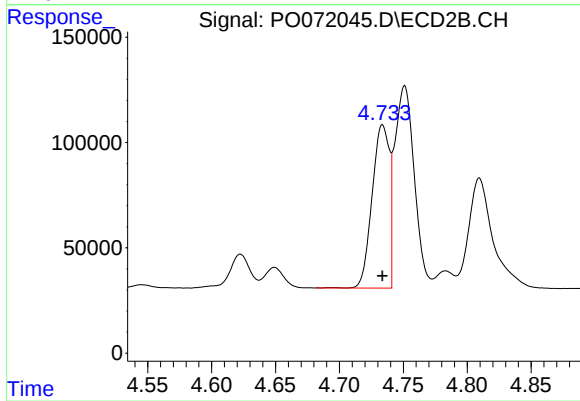
#15 AR-1232-5

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 574568
Conc: 1183.94 ng/ml



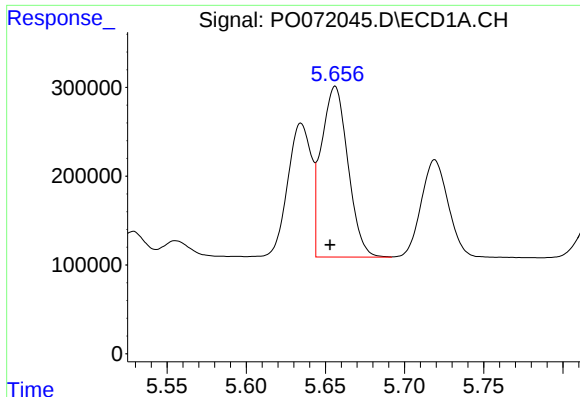
#16 AR-1242-1

R.T.: 5.635 min
Delta R.T.: 0.003 min
Response: 1565482
Conc: 718.03 ng/ml



#16 AR-1242-1

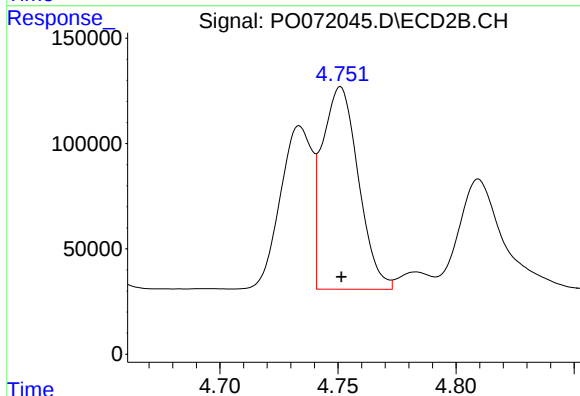
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 727236
Conc: 652.33 ng/ml



#17 AR-1242-2

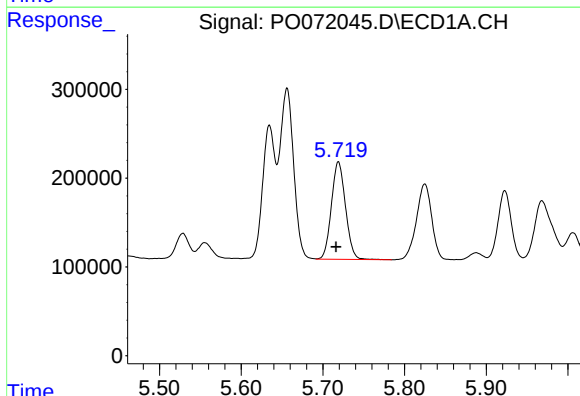
R.T.: 5.656 min
Delta R.T.: 0.003 min
Response: 2241476
Conc: 721.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



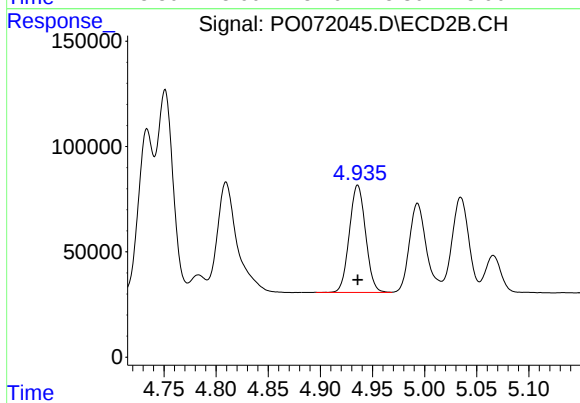
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 1023813
Conc: 654.60 ng/ml



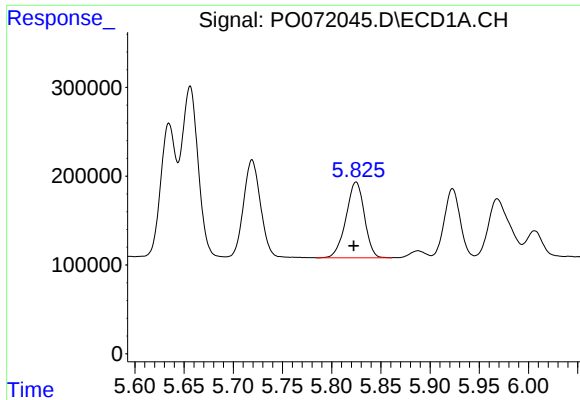
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.003 min
Response: 1315869
Conc: 706.78 ng/ml



#18 AR-1242-3

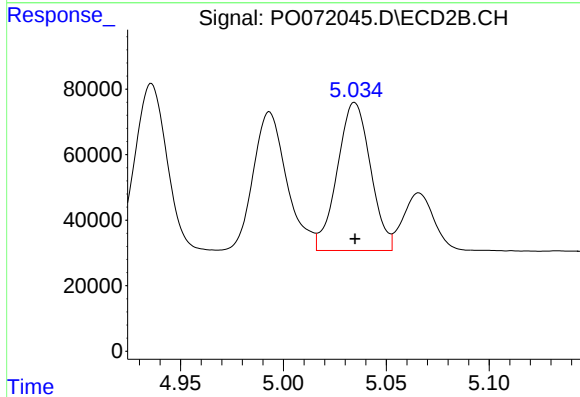
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 552175
Conc: 632.72 ng/ml



#19 AR-1242-4

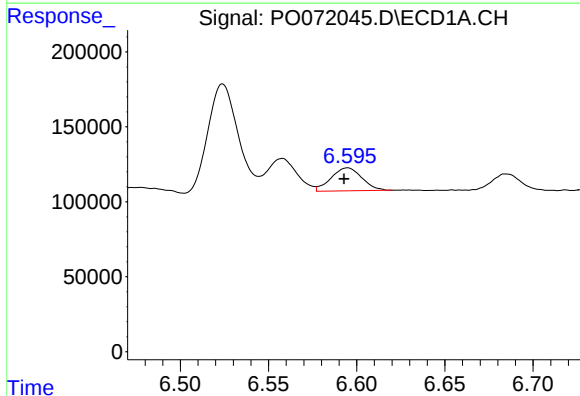
R.T.: 5.825 min
Delta R.T.: 0.002 min
Response: 1109149
Conc: 716.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



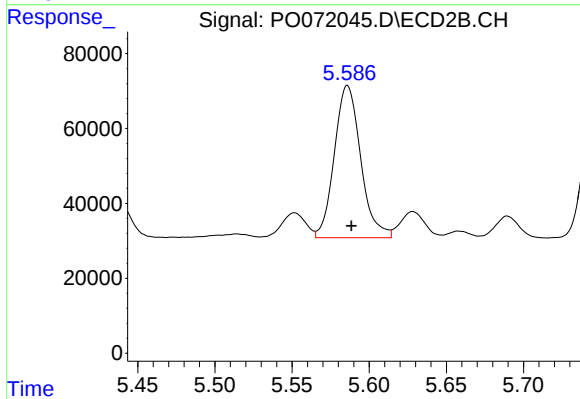
#19 AR-1242-4

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 508489
Conc: 636.60 ng/ml



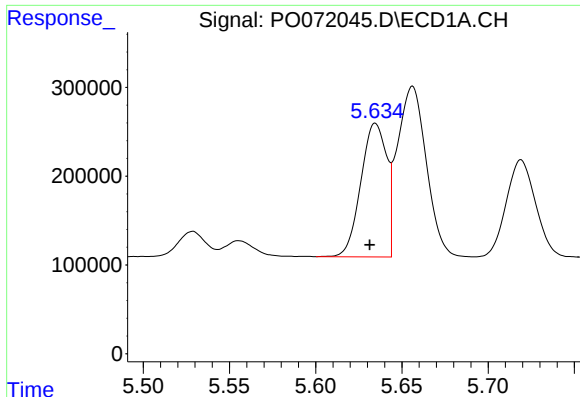
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: 0.002 min
Response: 186706
Conc: 96.45 ng/ml



#20 AR-1242-5

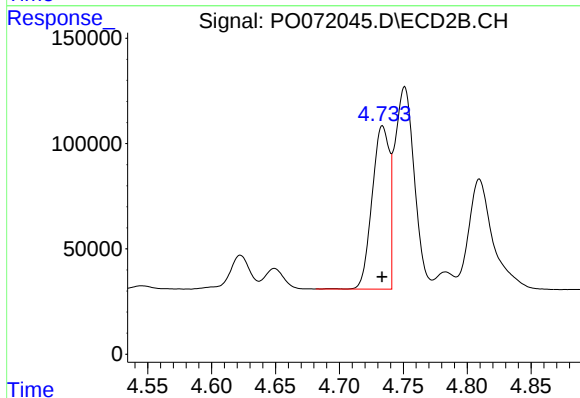
R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 482284
Conc: 413.83 ng/ml



#21 AR-1248-1

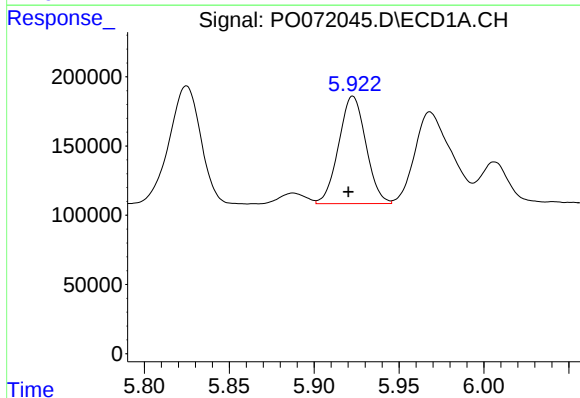
R.T.: 5.635 min
Delta R.T.: 0.003 min
Response: 1565482
Conc: 994.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



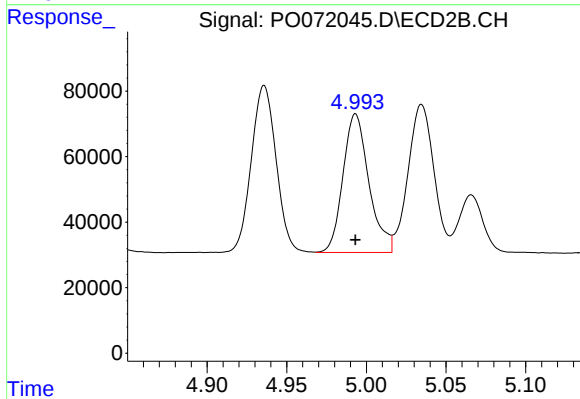
#21 AR-1248-1

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 727236
Conc: 854.96 ng/ml



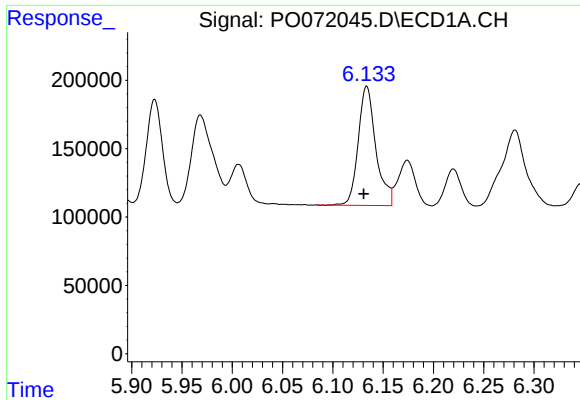
#22 AR-1248-2

R.T.: 5.923 min
Delta R.T.: 0.003 min
Response: 867307
Conc: 421.44 ng/ml



#22 AR-1248-2

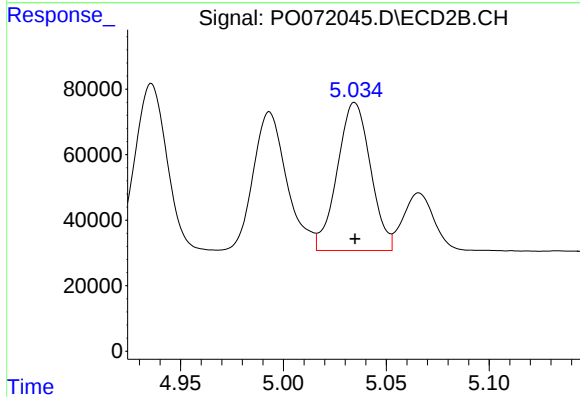
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 479887
Conc: 401.06 ng/ml



#23 AR-1248-3

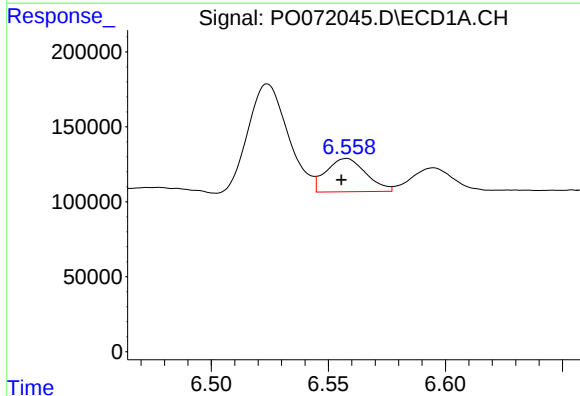
R.T.: 6.134 min
Delta R.T.: 0.003 min
Response: 1065961
Conc: 425.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



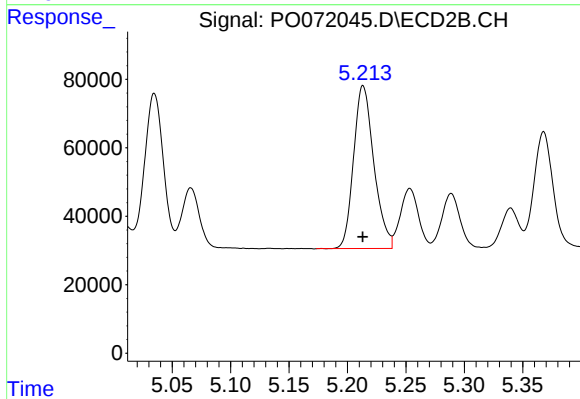
#23 AR-1248-3

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 508489
Conc: 448.31 ng/ml



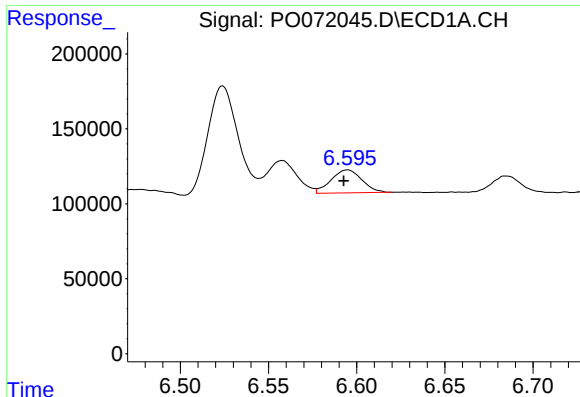
#24 AR-1248-4

R.T.: 6.558 min
Delta R.T.: 0.002 min
Response: 262507
Conc: 77.46 ng/ml



#24 AR-1248-4

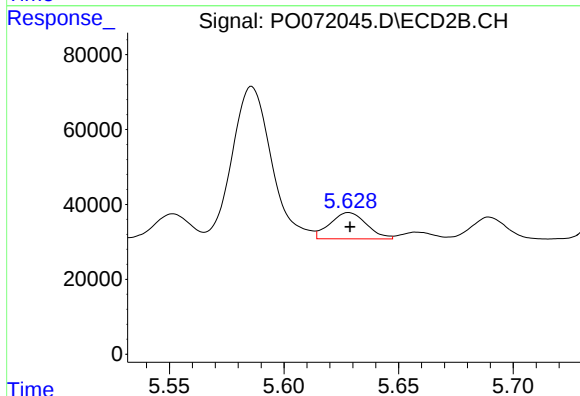
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 574568
Conc: 406.19 ng/ml



#25 AR-1248-5

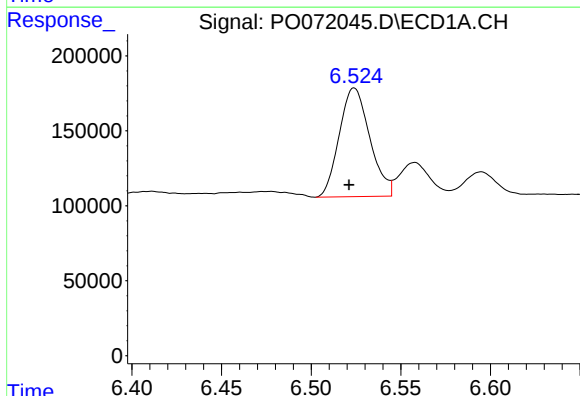
R.T.: 6.595 min
Delta R.T.: 0.002 min
Response: 186706
Conc: 58.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



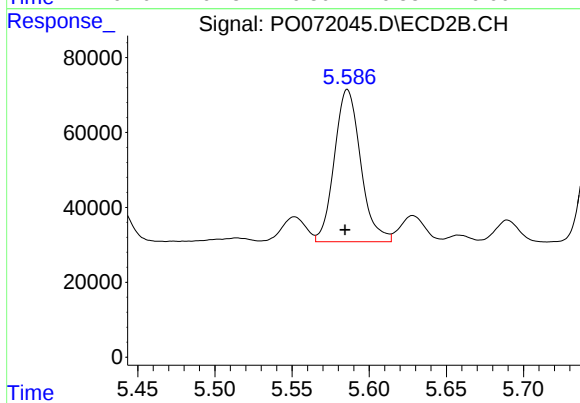
#25 AR-1248-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 78040
Conc: 50.23 ng/ml



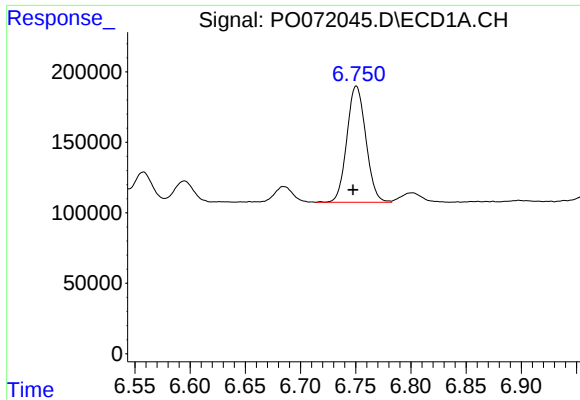
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: 0.003 min
Response: 860217
Conc: 246.22 ng/ml



#26 AR-1254-1

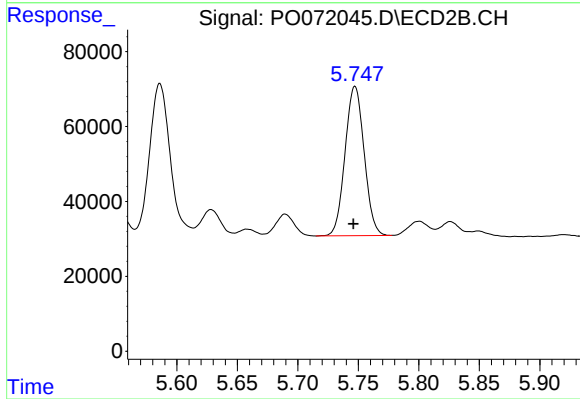
R.T.: 5.586 min
Delta R.T.: 0.002 min
Response: 482284
Conc: 201.81 ng/ml



#27 AR-1254-2

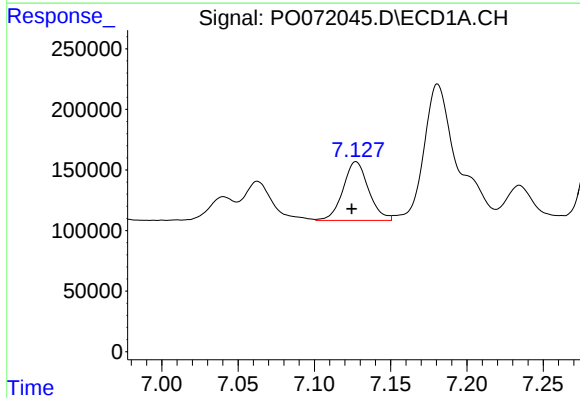
R.T.: 6.751 min
Delta R.T.: 0.003 min
Response: 986635
Conc: 179.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



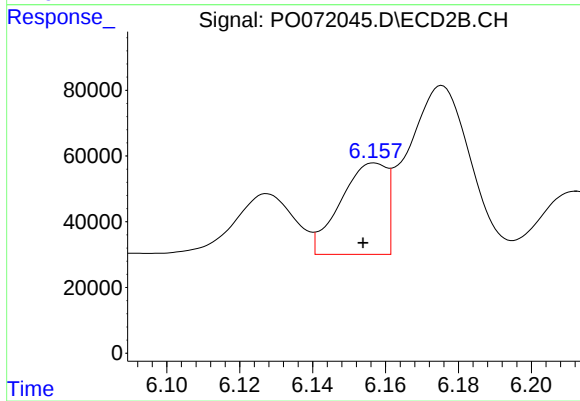
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: 0.001 min
Response: 437613
Conc: 204.59 ng/ml



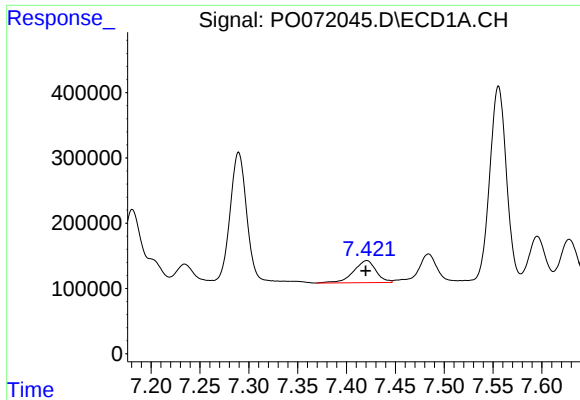
#28 AR-1254-3

R.T.: 7.127 min
Delta R.T.: 0.003 min
Response: 565767
Conc: 97.97 ng/ml



#28 AR-1254-3

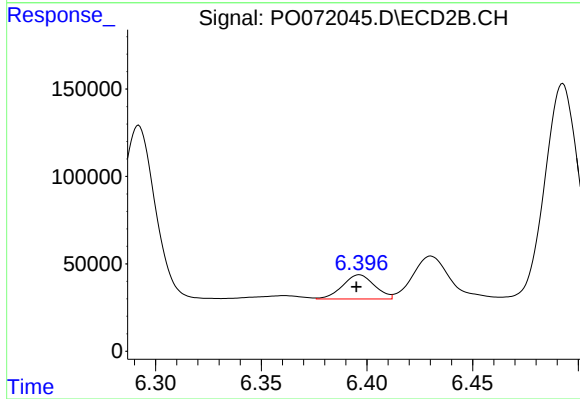
R.T.: 6.157 min
Delta R.T.: 0.003 min
Response: 243801
Conc: 71.81 ng/ml



#29 AR-1254-4

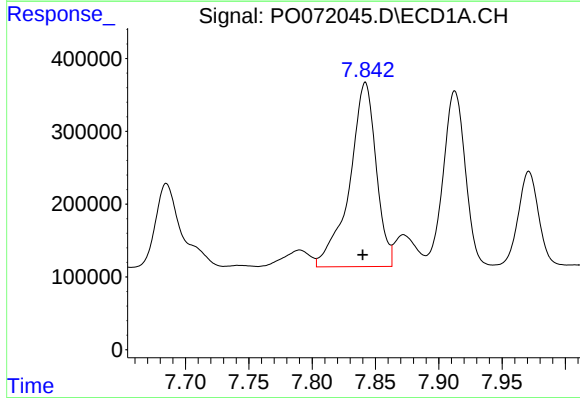
R.T.: 7.421 min
Delta R.T.: 0.001 min
Response: 541744
Conc: 92.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



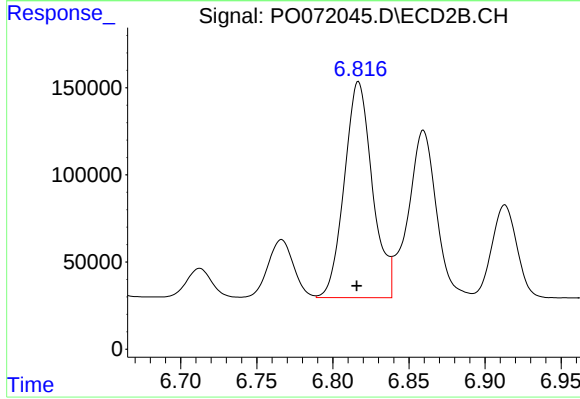
#29 AR-1254-4

R.T.: 6.396 min
Delta R.T.: 0.002 min
Response: 146526
Conc: 60.34 ng/ml



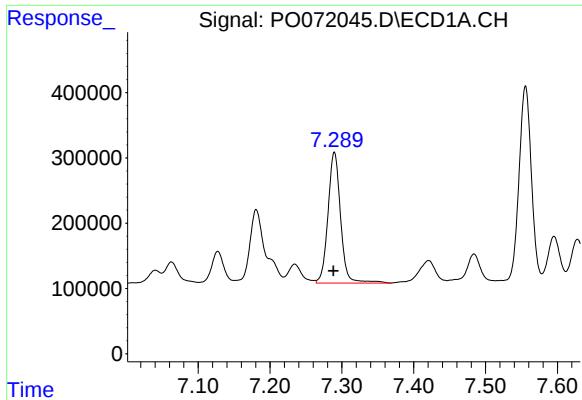
#30 AR-1254-5

R.T.: 7.842 min
Delta R.T.: 0.002 min
Response: 3706483
Conc: 688.70 ng/ml



#30 AR-1254-5

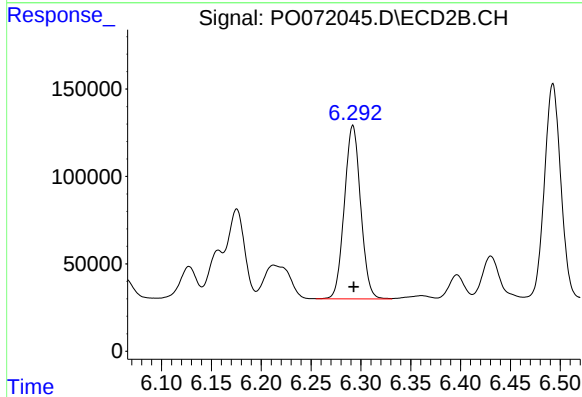
R.T.: 6.817 min
Delta R.T.: 0.001 min
Response: 1592667
Conc: 486.74 ng/ml



#31 AR-1260-1

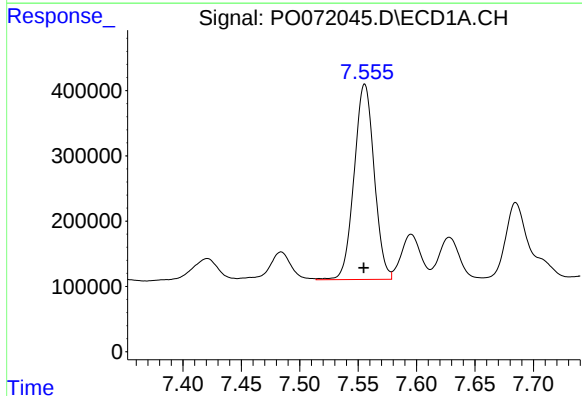
R.T.: 7.290 min
Delta R.T.: 0.001 min
Response: 2445029
Conc: 510.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



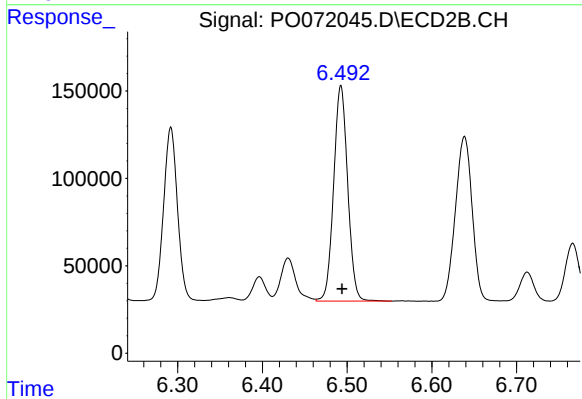
#31 AR-1260-1

R.T.: 6.292 min
Delta R.T.: -0.001 min
Response: 1129340
Conc: 441.08 ng/ml



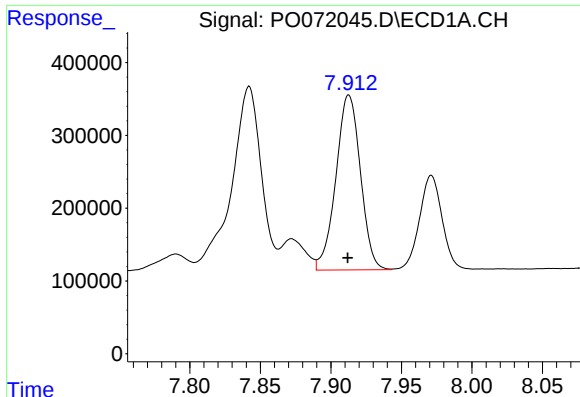
#32 AR-1260-2

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 3576583
Conc: 477.50 ng/ml



#32 AR-1260-2

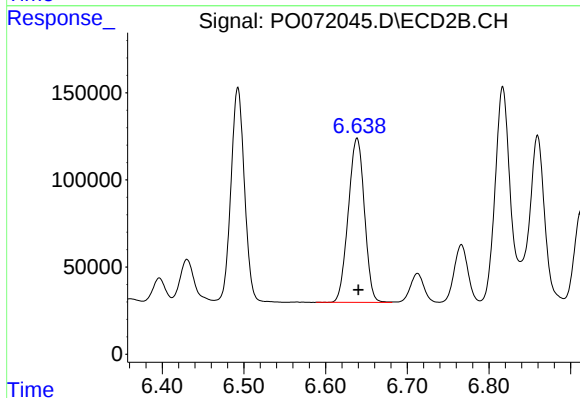
R.T.: 6.493 min
Delta R.T.: -0.001 min
Response: 1419594
Conc: 443.75 ng/ml



#33 AR-1260-3

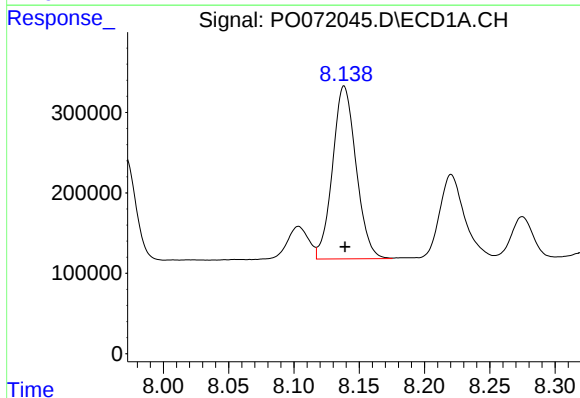
R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 2911606
Conc: 456.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



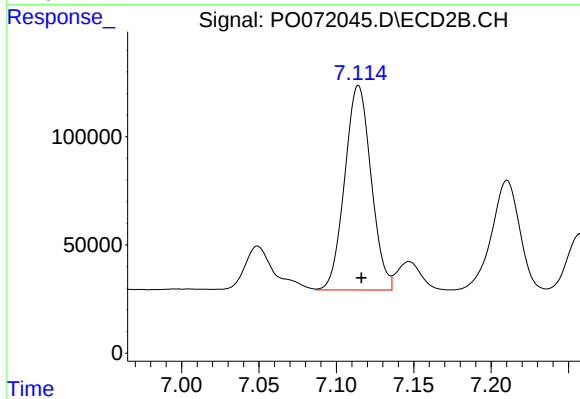
#33 AR-1260-3

R.T.: 6.639 min
Delta R.T.: -0.002 min
Response: 1294325
Conc: 438.57 ng/ml



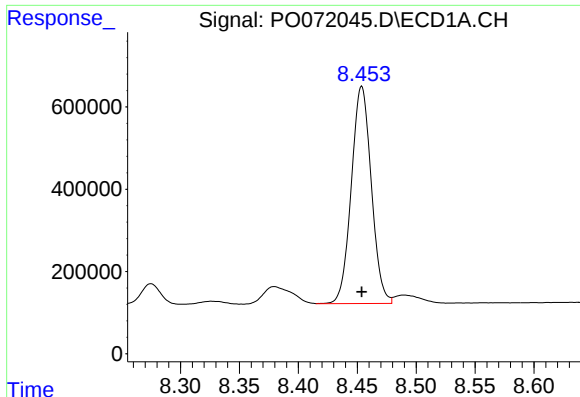
#34 AR-1260-4

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 2698391
Conc: 449.54 ng/ml



#34 AR-1260-4

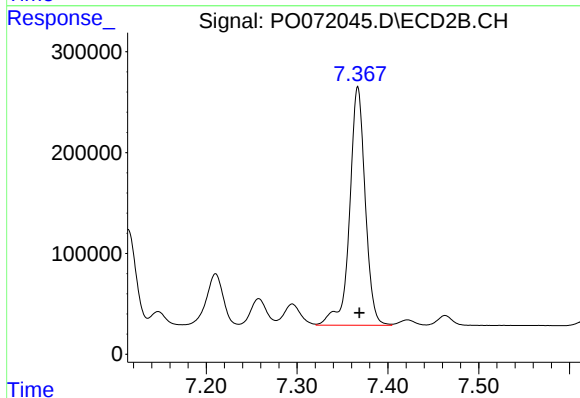
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 1122487
Conc: 424.25 ng/ml



#35 AR-1260-5

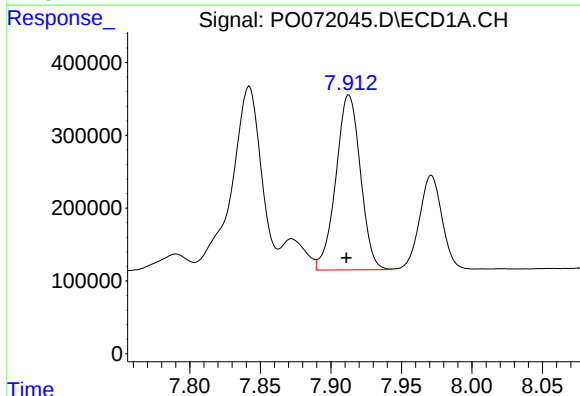
R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 6244159
Conc: 450.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



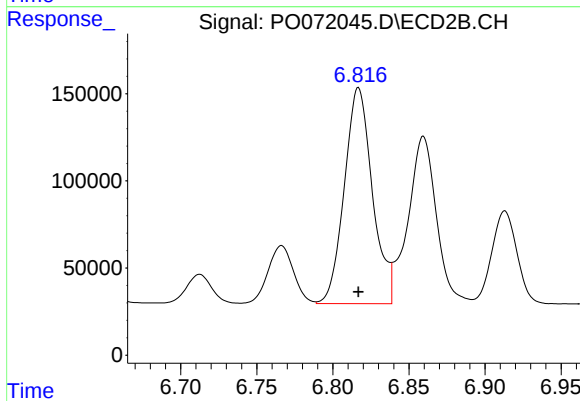
#35 AR-1260-5

R.T.: 7.367 min
Delta R.T.: -0.002 min
Response: 2827439
Conc: 425.57 ng/ml



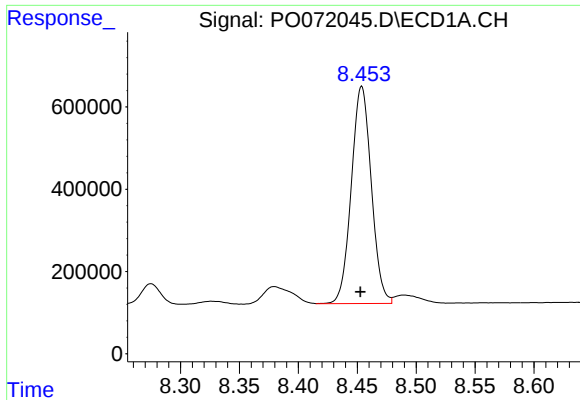
#36 AR-1262-1

R.T.: 7.913 min
Delta R.T.: 0.002 min
Response: 2911606
Conc: 353.33 ng/ml



#36 AR-1262-1

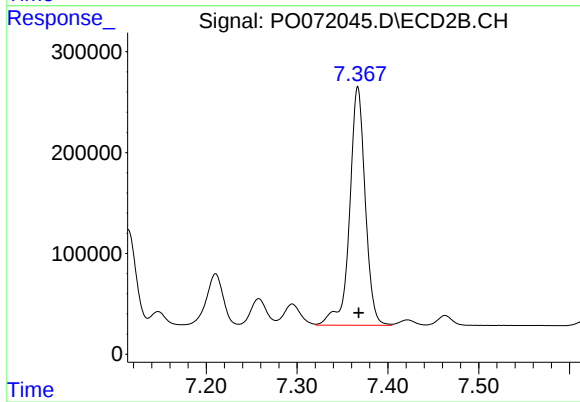
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 1592667
Conc: 899.29 ng/ml



#37 AR-1262-2

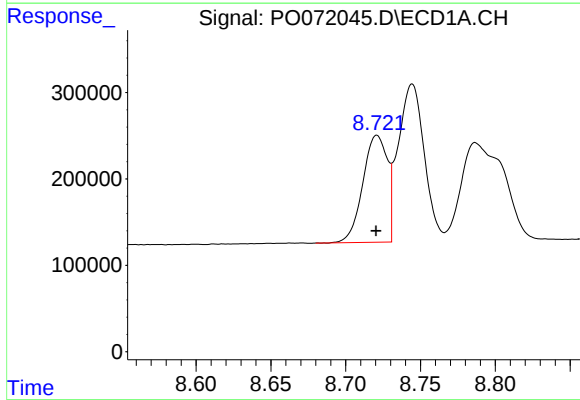
R.T.: 8.454 min
Delta R.T.: 0.001 min
Response: 6244159
Conc: 448.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



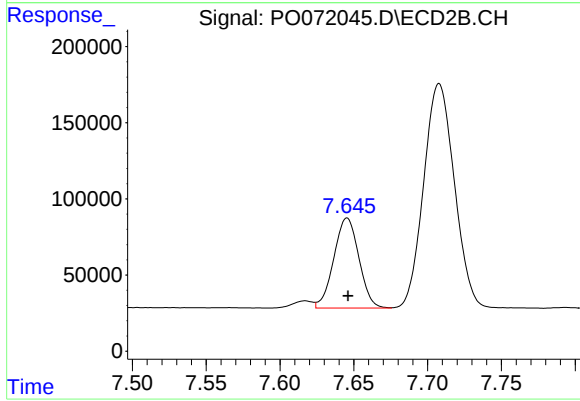
#37 AR-1262-2

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 2827439
Conc: 449.59 ng/ml



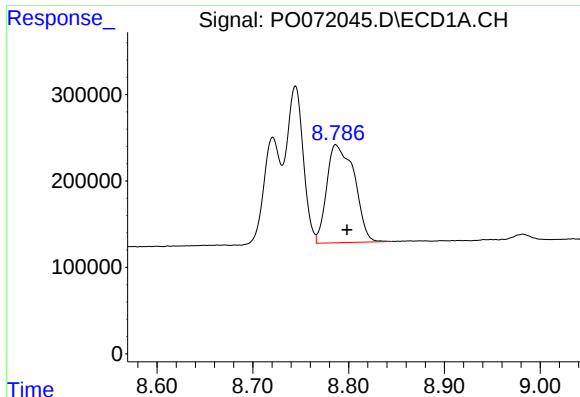
#38 AR-1262-3

R.T.: 8.721 min
Delta R.T.: 0.000 min
Response: 1411199
Conc: 230.56 ng/ml



#38 AR-1262-3

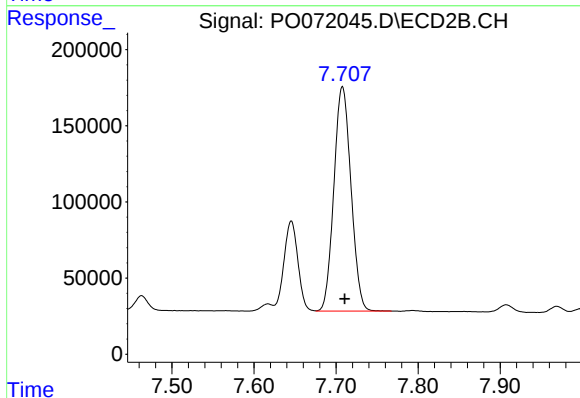
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 700260
Conc: 258.12 ng/ml



#39 AR-1262-4

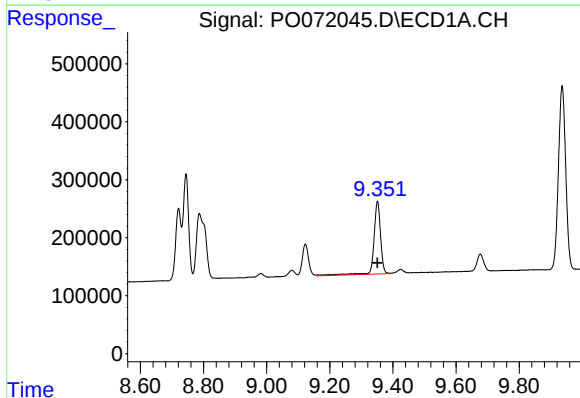
R.T.: 8.787 min
Delta R.T.: -0.012 min
Response: 2261221
Conc: 338.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



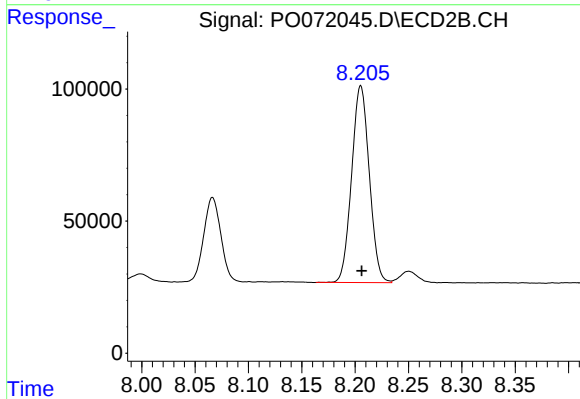
#39 AR-1262-4

R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 2135091
Conc: 440.75 ng/ml



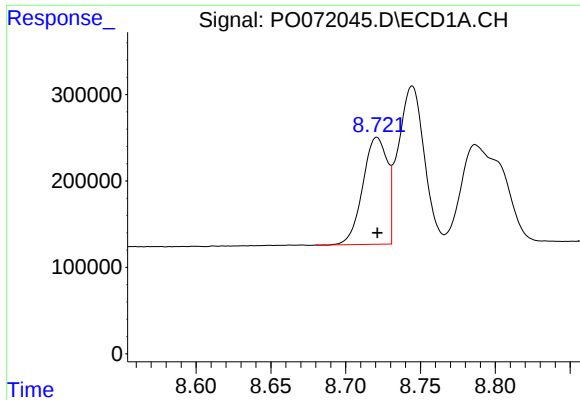
#40 AR-1262-5

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 1866797
Conc: 385.94 ng/ml



#40 AR-1262-5

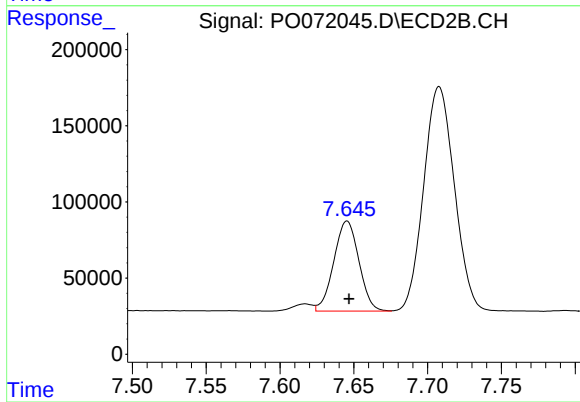
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 858639
Conc: 346.63 ng/ml



#41 AR-1268-1

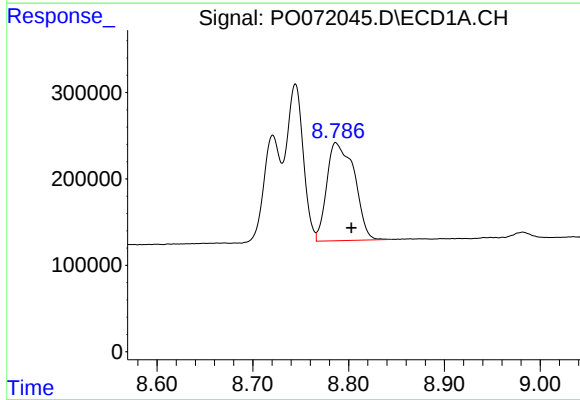
R.T.: 8.721 min
Delta R.T.: 0.000 min
Response: 1411199
Conc: 83.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



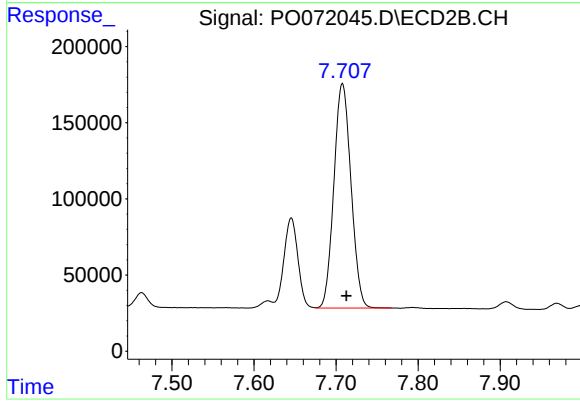
#41 AR-1268-1

R.T.: 7.645 min
Delta R.T.: -0.001 min
Response: 700260
Conc: 91.10 ng/ml



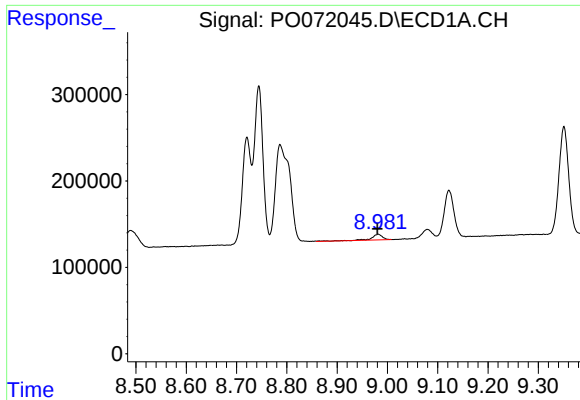
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: -0.016 min
Response: 2261221
Conc: 159.00 ng/ml



#42 AR-1268-2

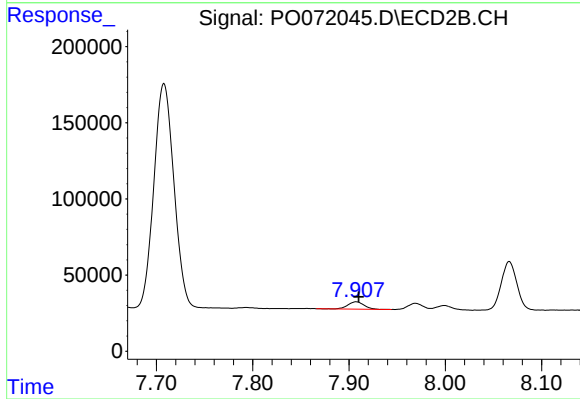
R.T.: 7.708 min
Delta R.T.: -0.005 min
Response: 2135091
Conc: 305.81 ng/ml



#43 AR-1268-3

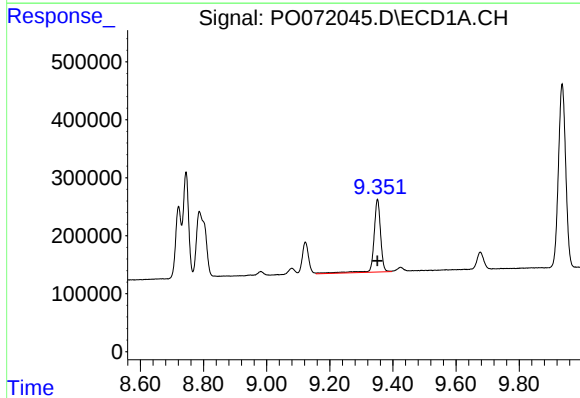
R.T.: 8.982 min
Delta R.T.: 0.001 min
Response: 102009
Conc: 8.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



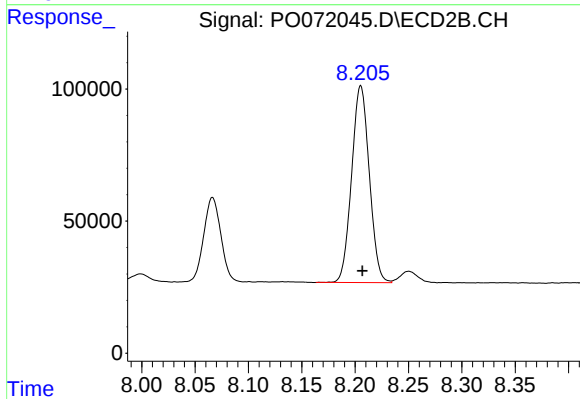
#43 AR-1268-3

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 55129
Conc: 9.23 ng/ml



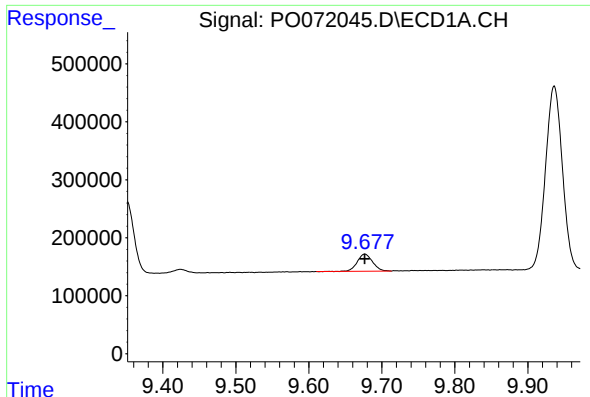
#44 AR-1268-4

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 1866797
Conc: 341.80 ng/ml



#44 AR-1268-4

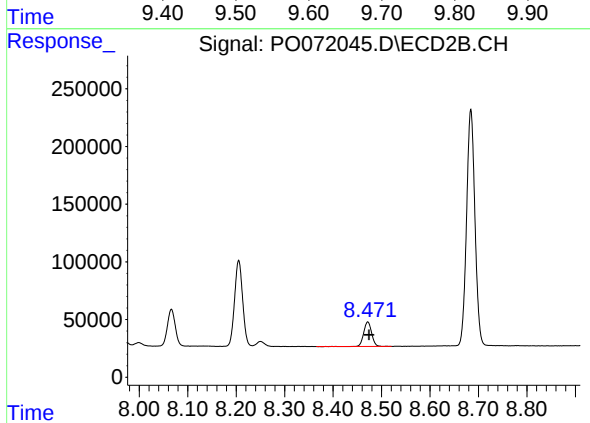
R.T.: 8.205 min
Delta R.T.: -0.001 min
Response: 858639
Conc: 309.07 ng/ml



#45 AR-1268-5

R.T.: 9.677 min
Delta R.T.: 0.000 min
Response: 432169
Conc: 11.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: -0.002 min
Response: 243634
Conc: 12.88 ng/ml