

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011521\
 Data File : P0074786.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jan 2021 1:30
 Operator : AJ/MA
 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: Jan 16 04:22:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 2021
 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...	4.930	4.003	5408800	2760894	51.259	49.081
2)	SA Decachlor...	10.950	9.258	4851216	2428193	47.799	44.226
Target Compounds							
3)	L1 AR-1016-1	6.254	5.247	2003965	1076817	490.143	470.786
4)	L1 AR-1016-2	6.277	5.266	2793443	1487642	490.513	470.806
5)	L1 AR-1016-3	6.343	5.456	1676209	803429	493.946	468.050
6)	L1 AR-1016-4	6.451	5.509	1404825	662173	494.086	471.158
7)	L1 AR-1016-5	6.767	5.735	1355919	775101	495.761	450.747
8)	L2 AR-1221-1	5.177	4.254	177721	101407	144.689	142.723
9)	L2 AR-1221-2	5.281	4.354	251806	148768	279.466	278.368
10)	L2 AR-1221-3	5.368	4.441	968545	551321	343.786	344.792
11)	L3 AR-1232-1	5.368	4.441	968545	551321	422.899	420.595
12)	L3 AR-1232-2	5.958	5.266	1320931	1487642	1148.890	1101.739
13)	L3 AR-1232-3	6.277	5.456	2793443	803429	1157.706	1095.184
14)	L3 AR-1232-4	6.451	5.553	1404825	775102	1168.819	1218.800
15)	L3 AR-1232-5	6.549	5.735	1111820	775101	1366.453	1116.219
16)	L4 AR-1242-1	6.254	5.247	2003965	1076817	622.332	584.224
17)	L4 AR-1242-2	6.277	5.266	2793443	1487642	618.995	590.971
18)	L4 AR-1242-3	6.343	5.456	1676209	803429	614.932	591.652
19)	L4 AR-1242-4	6.451	5.553	1404825	775102	619.050	593.055
20)	L4 AR-1242-5	7.237	6.112	215717	638618	85.722	364.752 #
21)	L5 AR-1248-1	6.254	5.247	2003965	1076817	832.398	782.955
22)	L5 AR-1248-2	6.549	5.509	1111820	662173	357.492	352.342
23)	L5 AR-1248-3	6.767	5.553	1355919	775102	374.431	410.625
24)	L5 AR-1248-4	7.197	5.735	288912	775101	64.786	344.129 #
25)	L5 AR-1248-5	7.237	6.155	215717	116320	51.189	49.477
26)	L6 AR-1254-1	7.167	6.112	1025454	638618	233.156	176.804
27)	L6 AR-1254-2	7.396	6.270	1138350	554612	167.140	177.958
28)	L6 AR-1254-3	7.780	6.705	588642	1112695	83.920	226.899 #
29)	L6 AR-1254-4	8.075	6.925	453804	188811	74.827	54.447 #
30)	L6 AR-1254-5	8.505	7.351	3488476	1901157	600.536	420.058 #
31)	L7 AR-1260-1	7.947	6.824	2405159	1433034	482.118	449.187
32)	L7 AR-1260-2	8.213	7.020	3241414	1776973	476.531	418.008
33)	L7 AR-1260-3	8.579	7.173	2757441	1579276	481.084	438.265
34)	L7 AR-1260-4	8.812	7.652	2789897	1340850	509.914	428.206
35)	L7 AR-1260-5	9.138	7.899	5900770	3311168	472.252	416.569
36)	L8 AR-1262-1	8.579	7.351	2757441	1901157	309.680	747.140 #
37)	L8 AR-1262-2	9.138	7.899	5900770	3311168	385.413	360.131
38)	L8 AR-1262-3	9.449	8.183	1376140	824775	137.397	208.576 #
39)	L8 AR-1262-4	9.524	8.246	2302763	2363139	309.206	356.689
40)	L8 AR-1262-5	10.207	8.741	1678472	900002	320.834	291.506
41)	L9 AR-1268-1	9.449	8.183	1376140	824775	73.656	73.675

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 Acq On : 16 Jan 2021 1:30
 Operator : AJ/MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

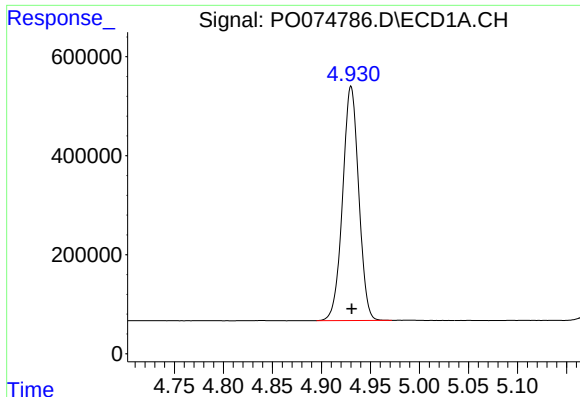
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 16 04:22:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.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
42) L9	AR-1268-2	9.524f	8.246	2302763	2363139	144.329	247.004 #
43) L9	AR-1268-3	9.770	8.453	80699	46709	5.682	5.622
44) L9	AR-1268-4	10.207	8.741	1678472	900002	286.500	259.430
45) L9	AR-1268-5	10.618	9.018	477090	241490	11.417	10.199

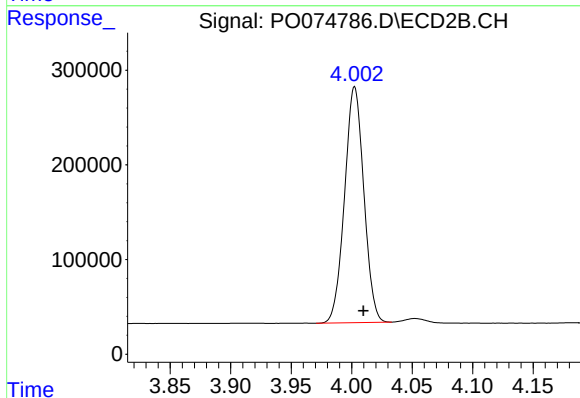
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

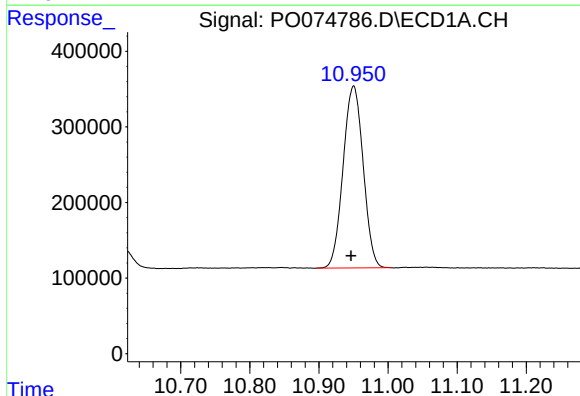
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 5408800
Conc: 51.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



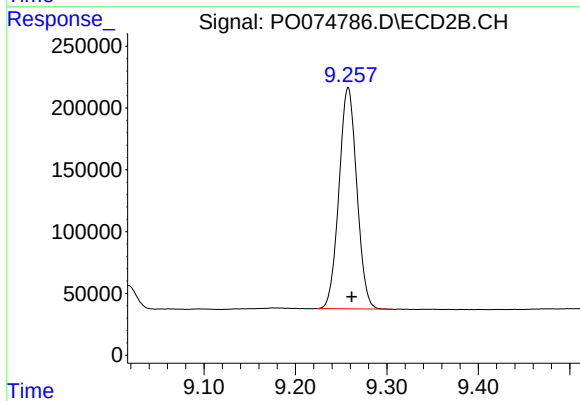
#1 Tetrachloro-m-xylene

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 2760894
Conc: 49.08 ng/ml



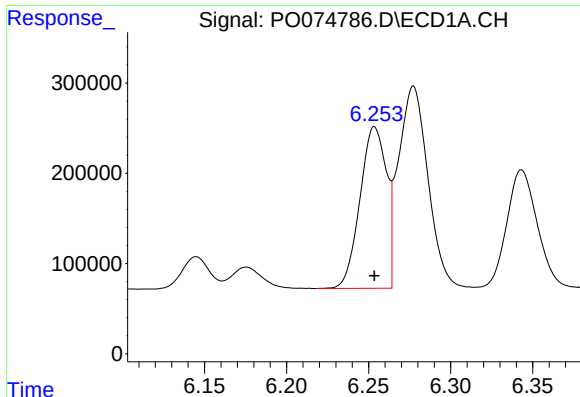
#2 Decachlorobiphenyl

R.T.: 10.950 min
Delta R.T.: 0.004 min
Response: 4851216
Conc: 47.80 ng/ml



#2 Decachlorobiphenyl

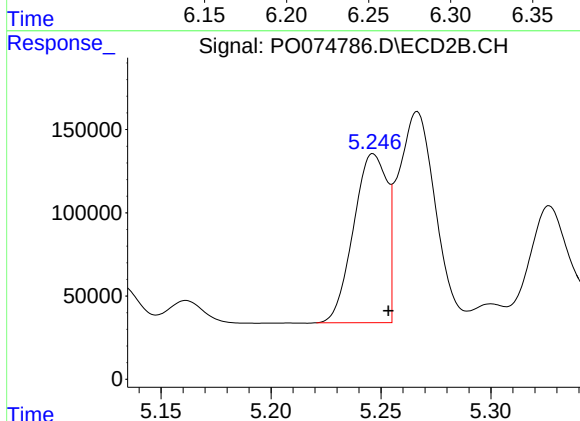
R.T.: 9.258 min
Delta R.T.: -0.004 min
Response: 2428193
Conc: 44.23 ng/ml



#3 AR-1016-1

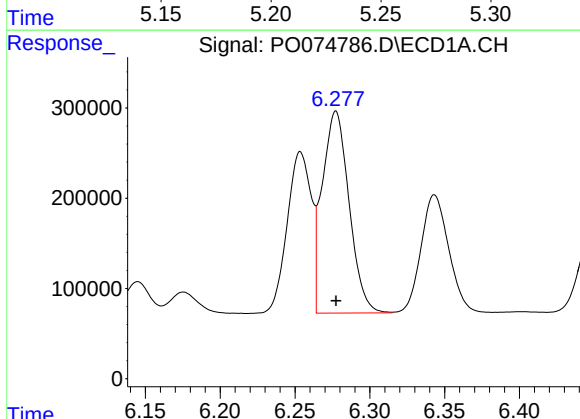
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2003965
Conc: 490.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



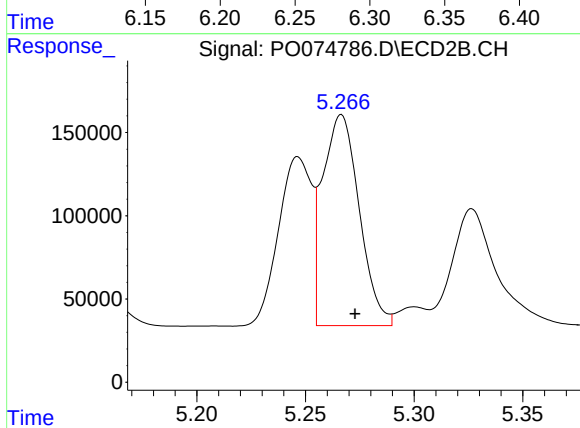
#3 AR-1016-1

R.T.: 5.247 min
Delta R.T.: -0.007 min
Response: 1076817
Conc: 470.79 ng/ml



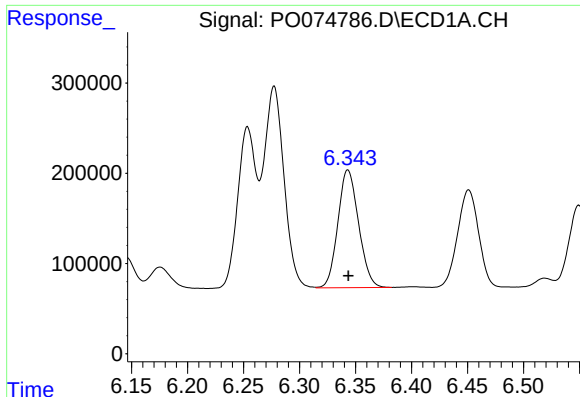
#4 AR-1016-2

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2793443
Conc: 490.51 ng/ml



#4 AR-1016-2

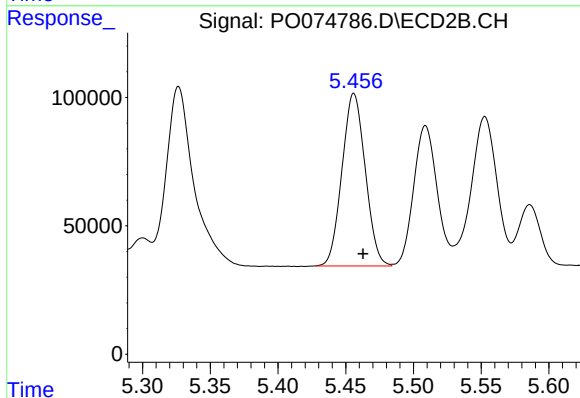
R.T.: 5.266 min
Delta R.T.: -0.006 min
Response: 1487642
Conc: 470.81 ng/ml



#5 AR-1016-3

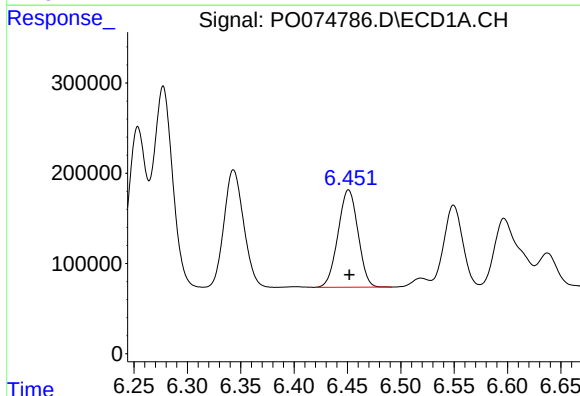
R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 1676209
Conc: 493.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



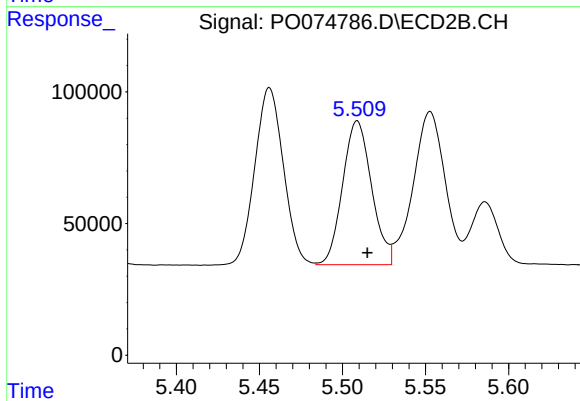
#5 AR-1016-3

R.T.: 5.456 min
Delta R.T.: -0.007 min
Response: 803429
Conc: 468.05 ng/ml



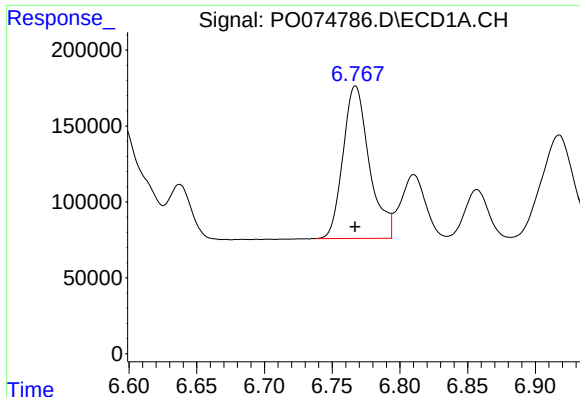
#6 AR-1016-4

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 1404825
Conc: 494.09 ng/ml



#6 AR-1016-4

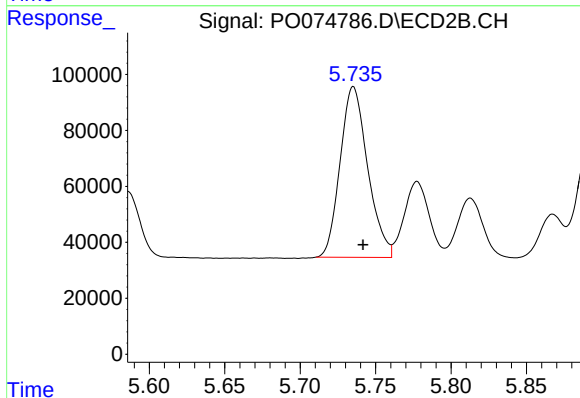
R.T.: 5.509 min
Delta R.T.: -0.006 min
Response: 662173
Conc: 471.16 ng/ml



#7 AR-1016-5

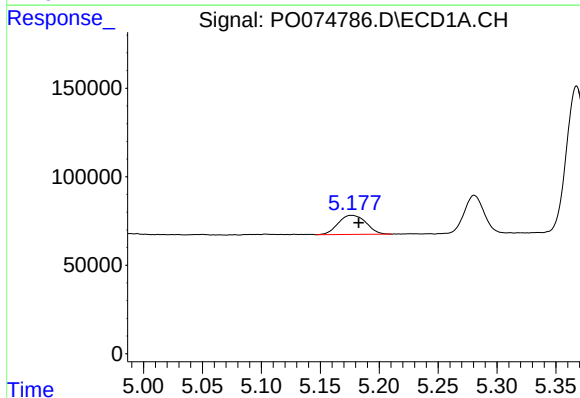
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1355919
Conc: 495.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



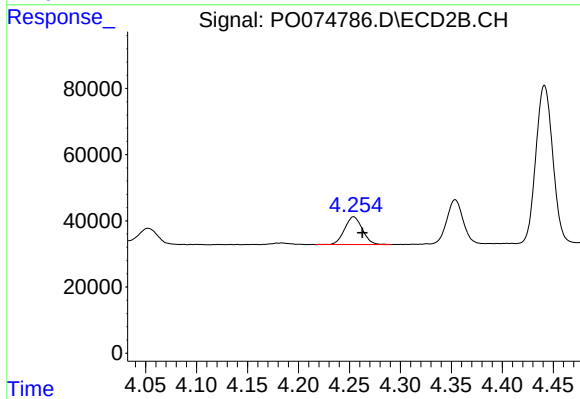
#7 AR-1016-5

R.T.: 5.735 min
Delta R.T.: -0.006 min
Response: 775101
Conc: 450.75 ng/ml



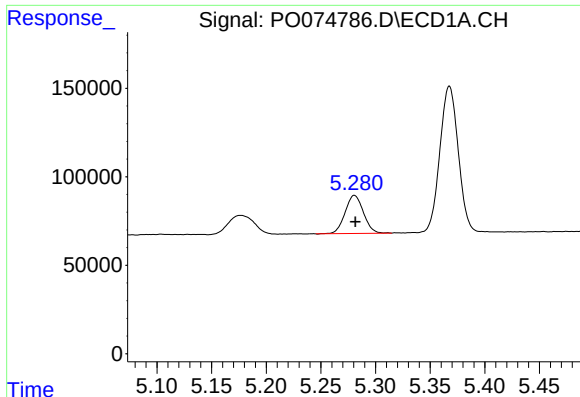
#8 AR-1221-1

R.T.: 5.177 min
Delta R.T.: -0.006 min
Response: 177721
Conc: 144.69 ng/ml



#8 AR-1221-1

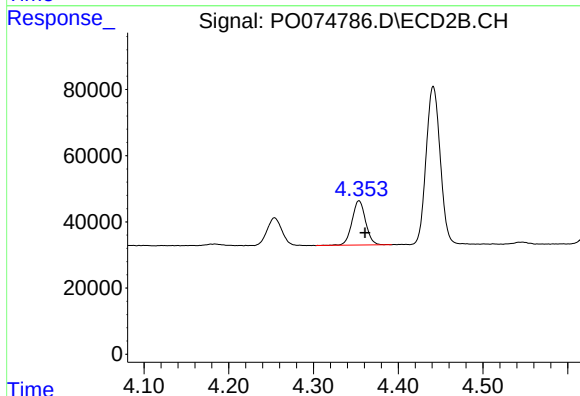
R.T.: 4.254 min
Delta R.T.: -0.009 min
Response: 101407
Conc: 142.72 ng/ml



#9 AR-1221-2

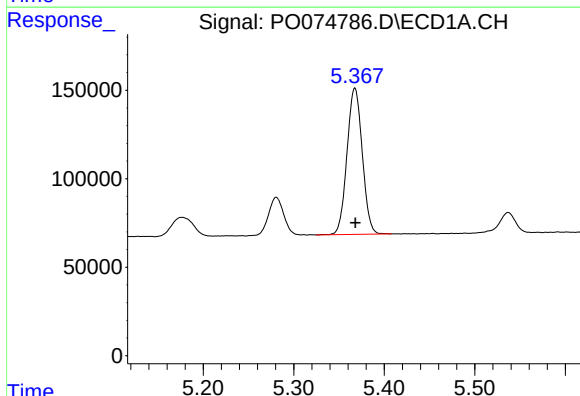
R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 251806
Conc: 279.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



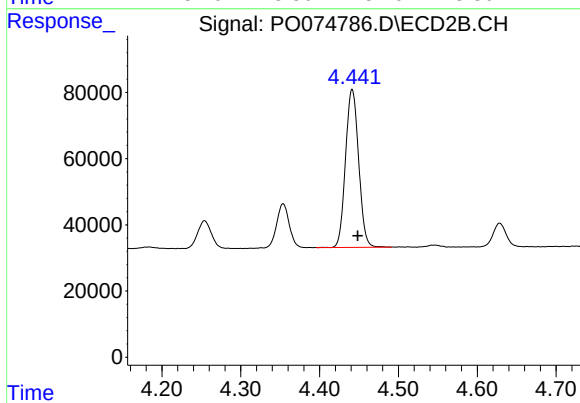
#9 AR-1221-2

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 148768
Conc: 278.37 ng/ml



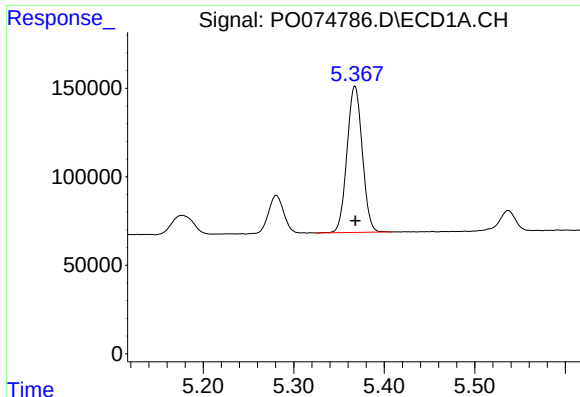
#10 AR-1221-3

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 968545
Conc: 343.79 ng/ml



#10 AR-1221-3

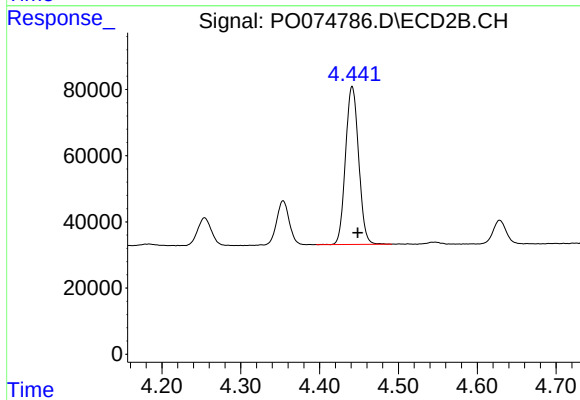
R.T.: 4.441 min
Delta R.T.: -0.007 min
Response: 551321
Conc: 344.79 ng/ml



#11 AR-1232-1

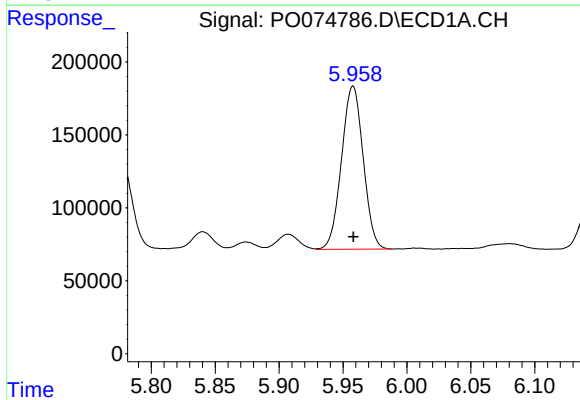
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 968545
Conc: 422.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



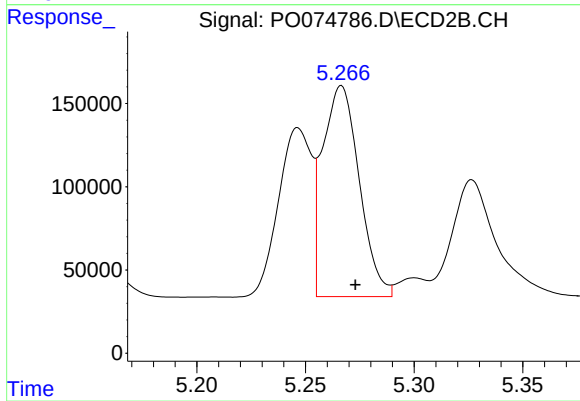
#11 AR-1232-1

R.T.: 4.441 min
Delta R.T.: -0.007 min
Response: 551321
Conc: 420.59 ng/ml



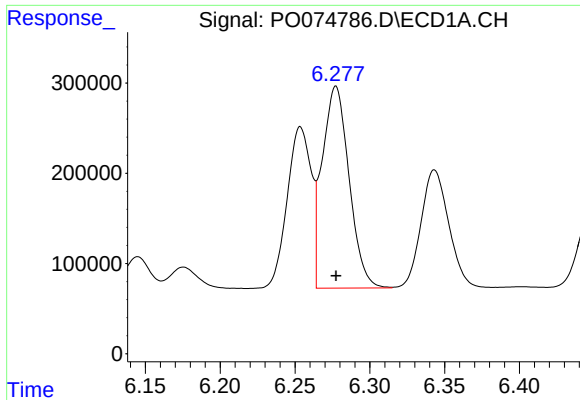
#12 AR-1232-2

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 1320931
Conc: 1148.89 ng/ml



#12 AR-1232-2

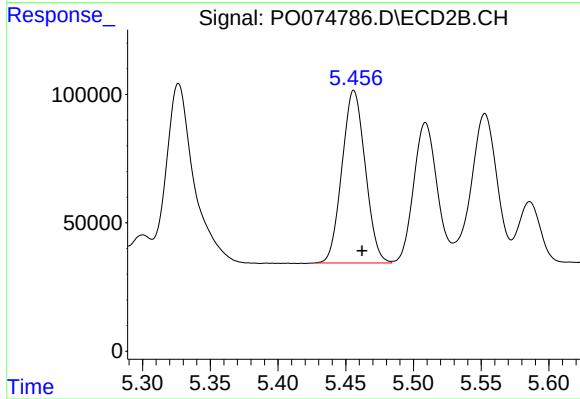
R.T.: 5.266 min
Delta R.T.: -0.006 min
Response: 1487642
Conc: 1101.74 ng/ml



#13 AR-1232-3

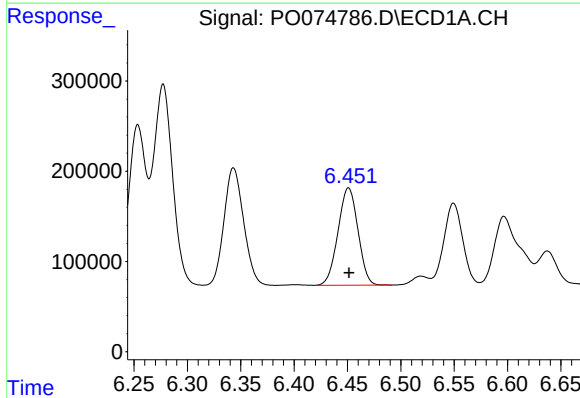
R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2793443
Conc: 1157.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



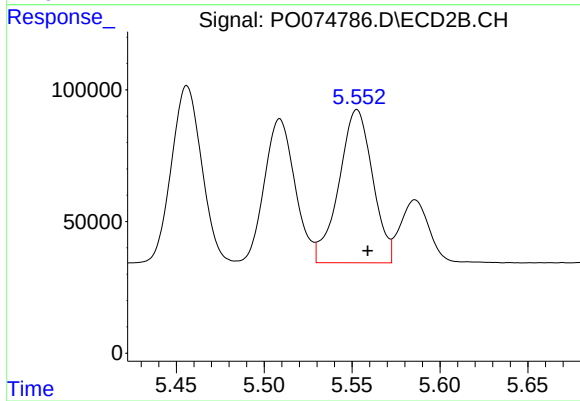
#13 AR-1232-3

R.T.: 5.456 min
Delta R.T.: -0.006 min
Response: 803429
Conc: 1095.18 ng/ml



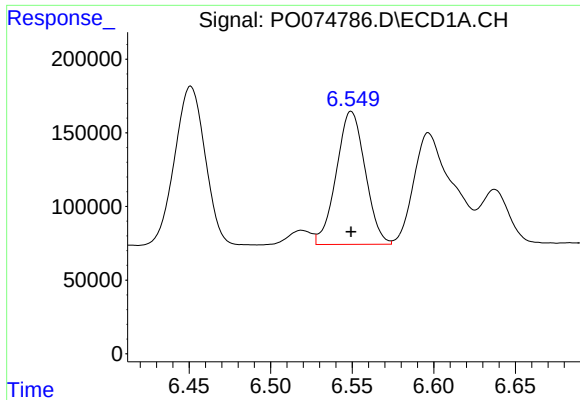
#14 AR-1232-4

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 1404825
Conc: 1168.82 ng/ml



#14 AR-1232-4

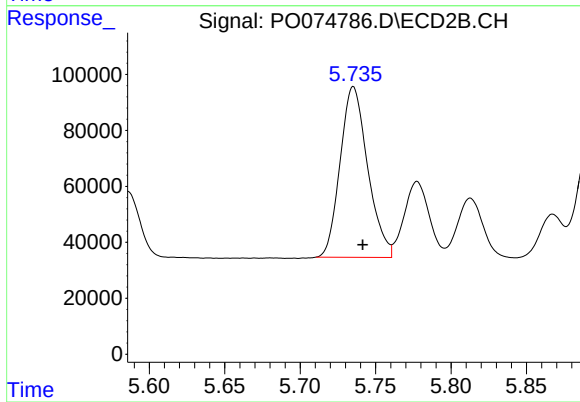
R.T.: 5.553 min
Delta R.T.: -0.006 min
Response: 775102
Conc: 1218.80 ng/ml



#15 AR-1232-5

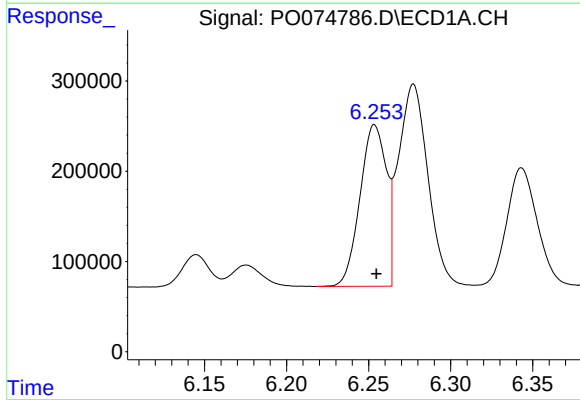
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 1111820
Conc: 1366.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



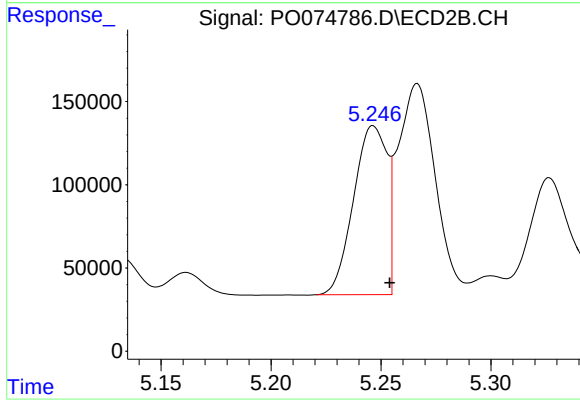
#15 AR-1232-5

R.T.: 5.735 min
Delta R.T.: -0.006 min
Response: 775101
Conc: 1116.22 ng/ml



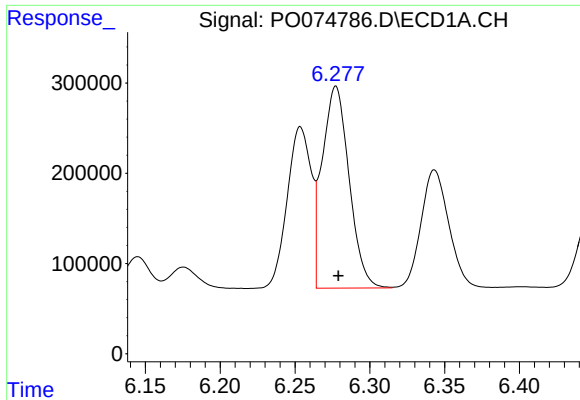
#16 AR-1242-1

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 2003965
Conc: 622.33 ng/ml



#16 AR-1242-1

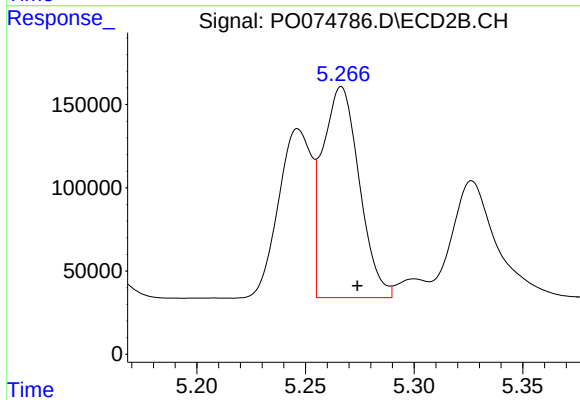
R.T.: 5.247 min
Delta R.T.: -0.008 min
Response: 1076817
Conc: 584.22 ng/ml



#17 AR-1242-2

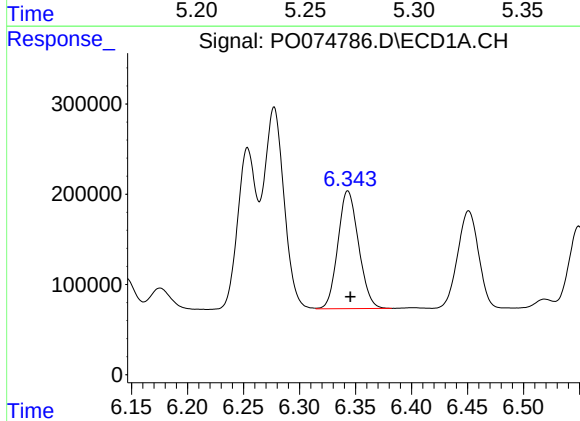
R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 2793443
Conc: 618.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



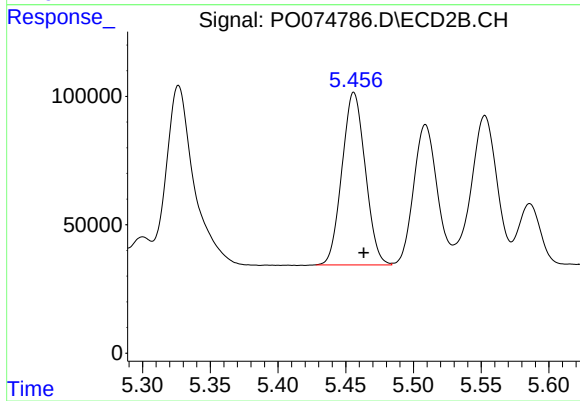
#17 AR-1242-2

R.T.: 5.266 min
Delta R.T.: -0.007 min
Response: 1487642
Conc: 590.97 ng/ml



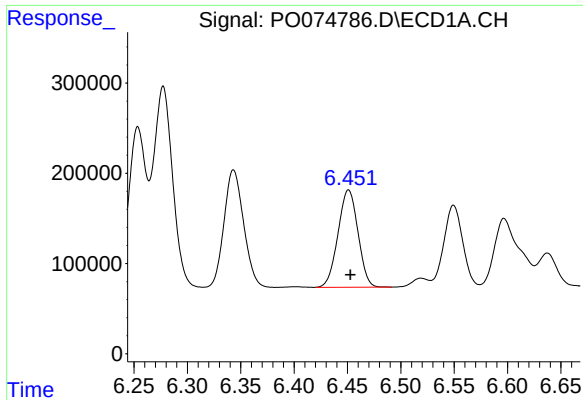
#18 AR-1242-3

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 1676209
Conc: 614.93 ng/ml



#18 AR-1242-3

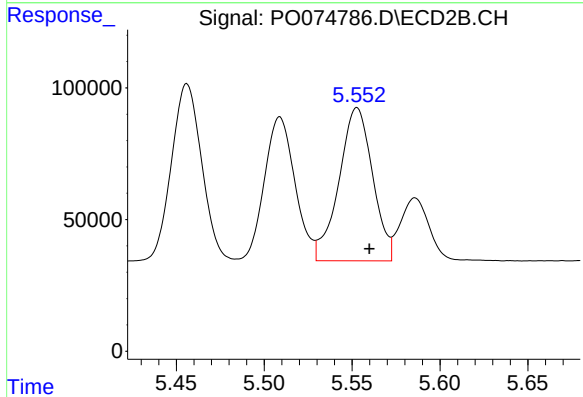
R.T.: 5.456 min
Delta R.T.: -0.007 min
Response: 803429
Conc: 591.65 ng/ml



#19 AR-1242-4

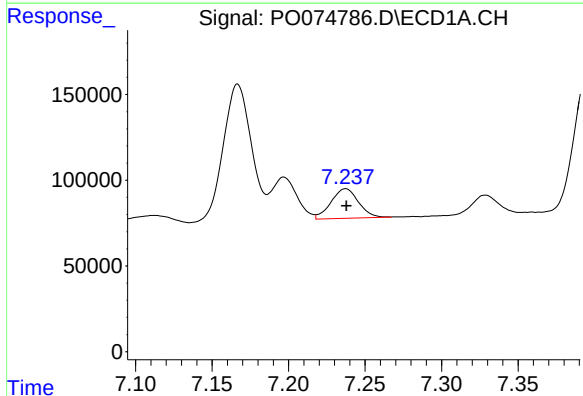
R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 1404825
Conc: 619.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



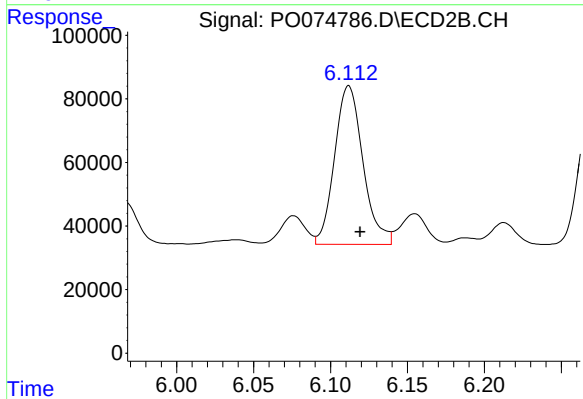
#19 AR-1242-4

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 775102
Conc: 593.05 ng/ml



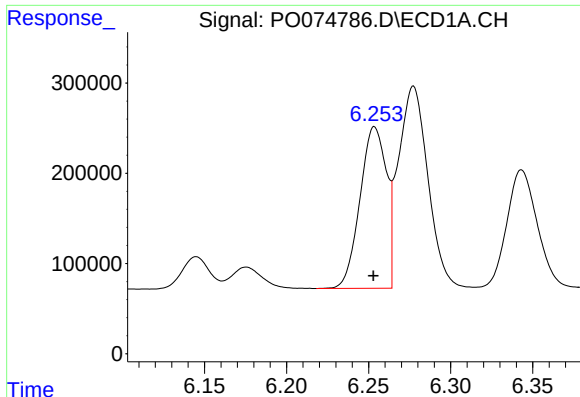
#20 AR-1242-5

R.T.: 7.237 min
Delta R.T.: 0.000 min
Response: 215717
Conc: 85.72 ng/ml



#20 AR-1242-5

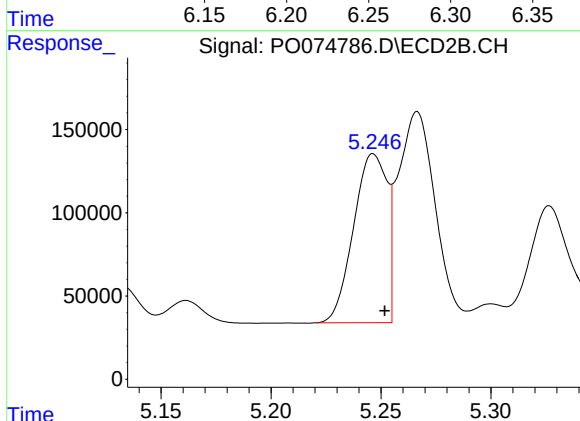
R.T.: 6.112 min
Delta R.T.: -0.007 min
Response: 638618
Conc: 364.75 ng/ml



#21 AR-1248-1

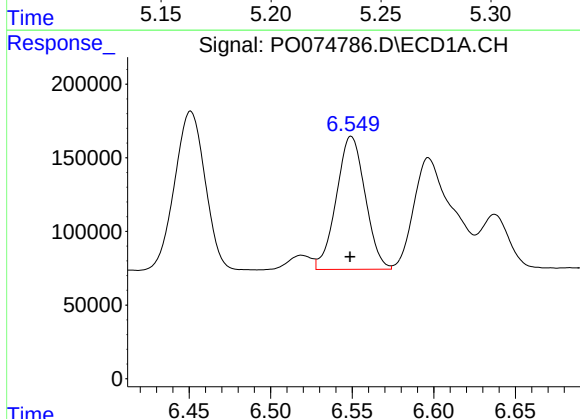
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 2003965
Conc: 832.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



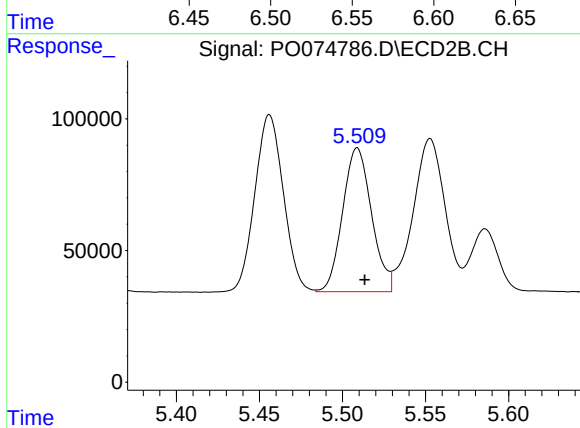
#21 AR-1248-1

R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 1076817
Conc: 782.96 ng/ml



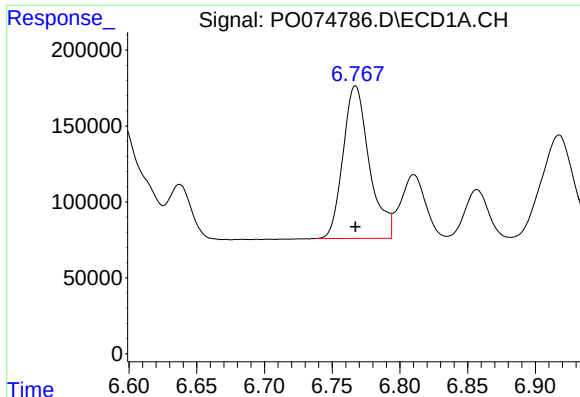
#22 AR-1248-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 1111820
Conc: 357.49 ng/ml



#22 AR-1248-2

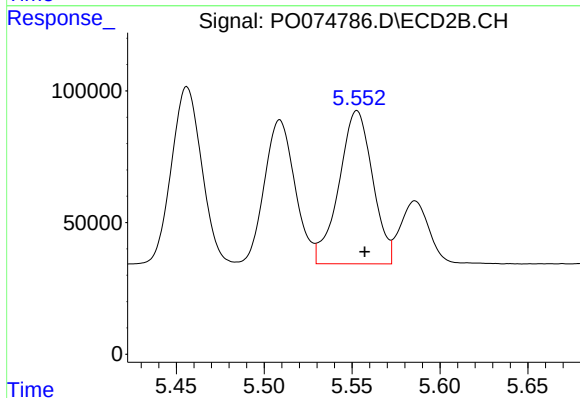
R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: 662173
Conc: 352.34 ng/ml



#23 AR-1248-3

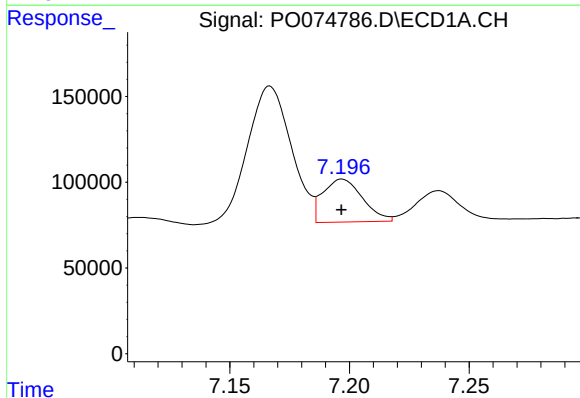
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 1355919
Conc: 374.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



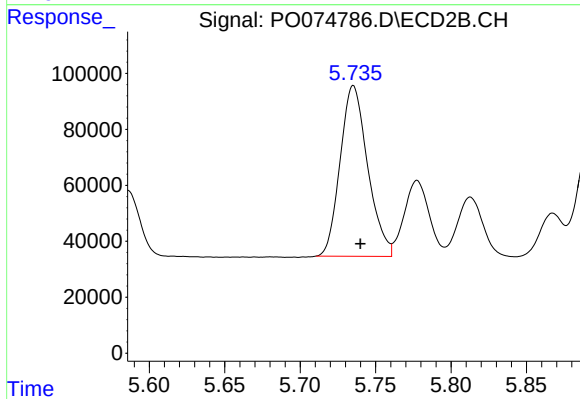
#23 AR-1248-3

R.T.: 5.553 min
Delta R.T.: -0.004 min
Response: 775102
Conc: 410.62 ng/ml



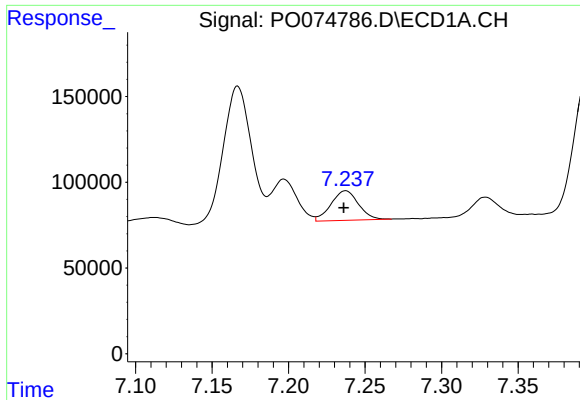
#24 AR-1248-4

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 288912
Conc: 64.79 ng/ml



#24 AR-1248-4

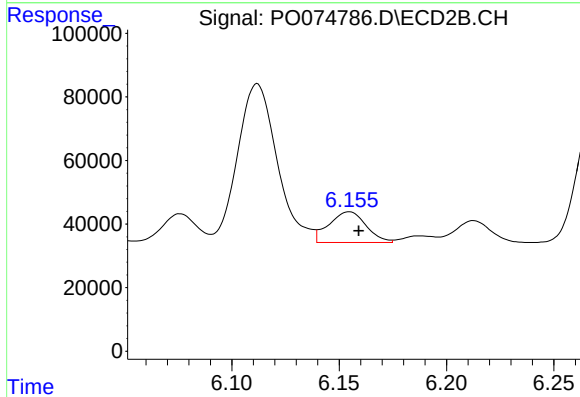
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 775101
Conc: 344.13 ng/ml



#25 AR-1248-5

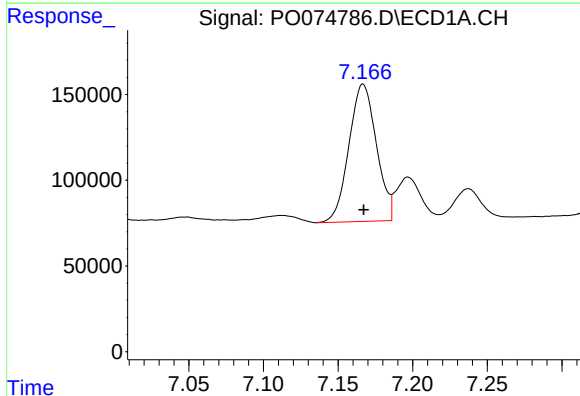
R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 215717
Conc: 51.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



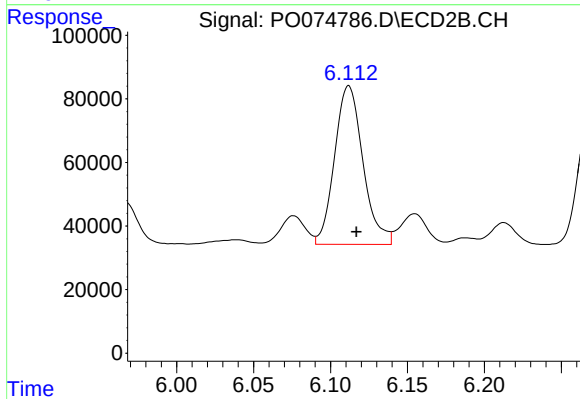
#25 AR-1248-5

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 116320
Conc: 49.48 ng/ml



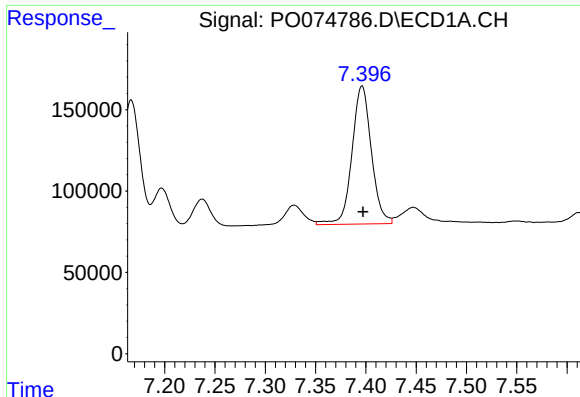
#26 AR-1254-1

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 1025454
Conc: 233.16 ng/ml



#26 AR-1254-1

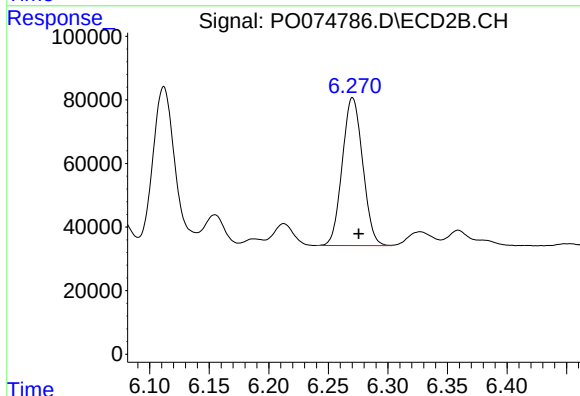
R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 638618
Conc: 176.80 ng/ml



#27 AR-1254-2

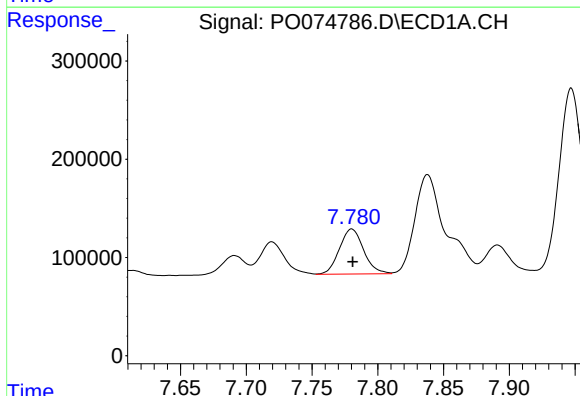
R.T.: 7.396 min
Delta R.T.: -0.001 min
Response: 1138350
Conc: 167.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



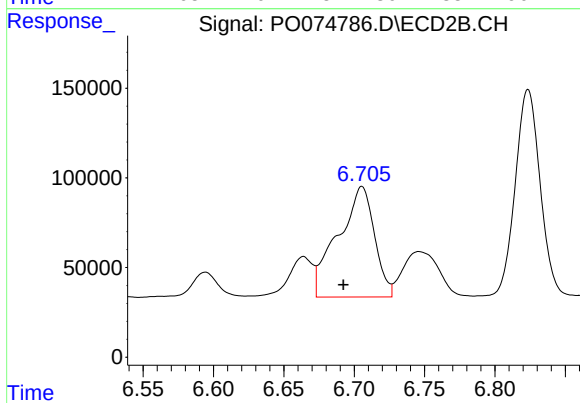
#27 AR-1254-2

R.T.: 6.270 min
Delta R.T.: -0.005 min
Response: 554612
Conc: 177.96 ng/ml



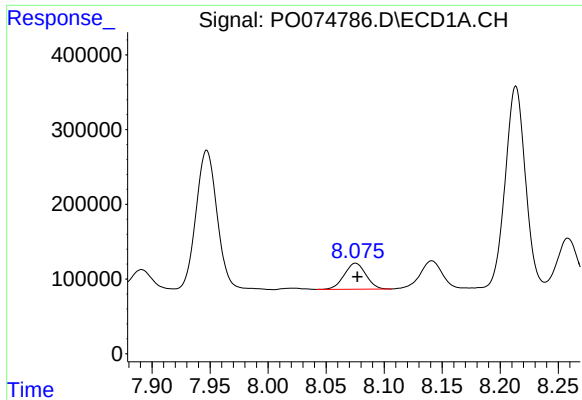
#28 AR-1254-3

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 588642
Conc: 83.92 ng/ml



#28 AR-1254-3

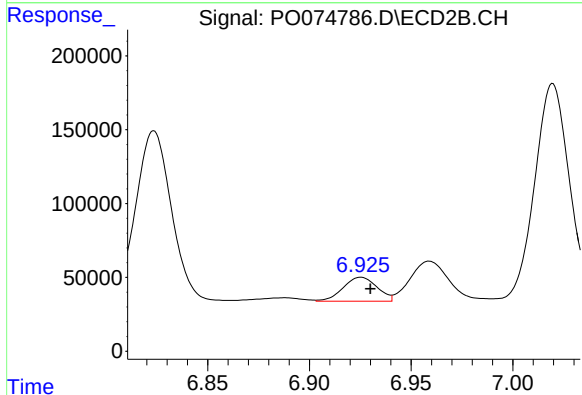
R.T.: 6.705 min
Delta R.T.: 0.013 min
Response: 1112695
Conc: 226.90 ng/ml



#29 AR-1254-4

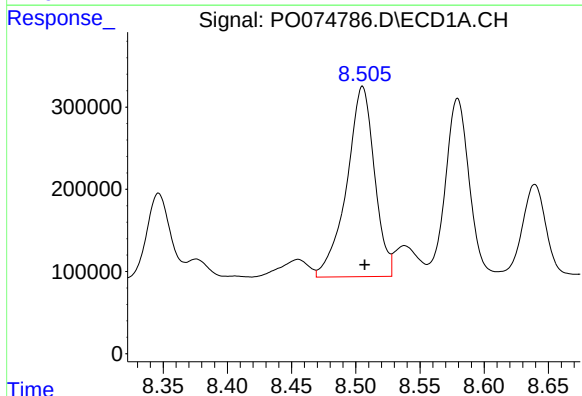
R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 453804
Conc: 74.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



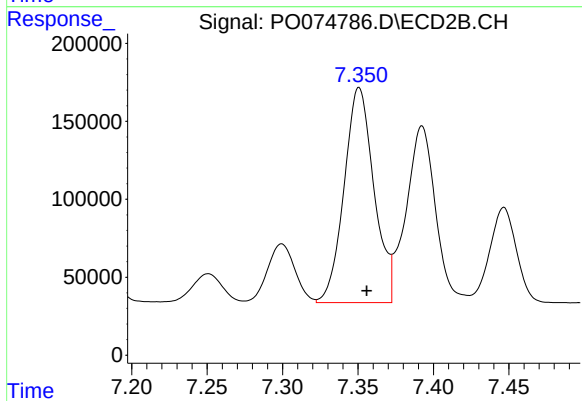
#29 AR-1254-4

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 188811
Conc: 54.45 ng/ml



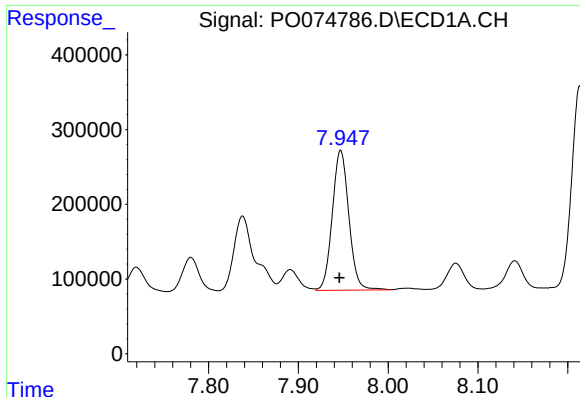
#30 AR-1254-5

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 3488476
Conc: 600.54 ng/ml



#30 AR-1254-5

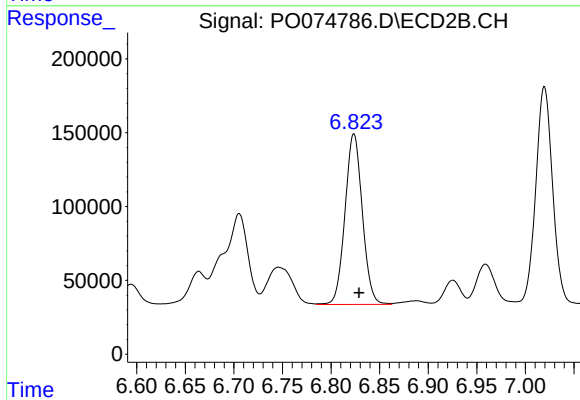
R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 1901157
Conc: 420.06 ng/ml



#31 AR-1260-1

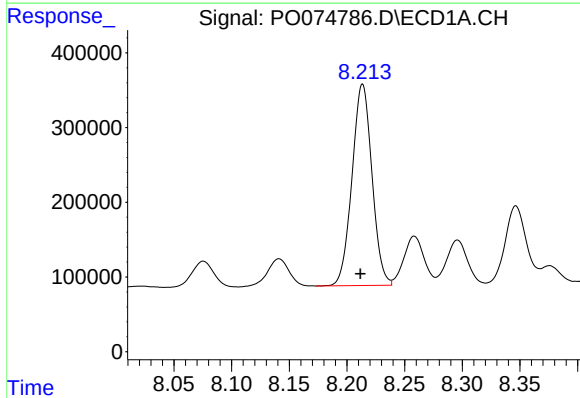
R.T.: 7.947 min
Delta R.T.: 0.002 min
Response: 2405159
Conc: 482.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



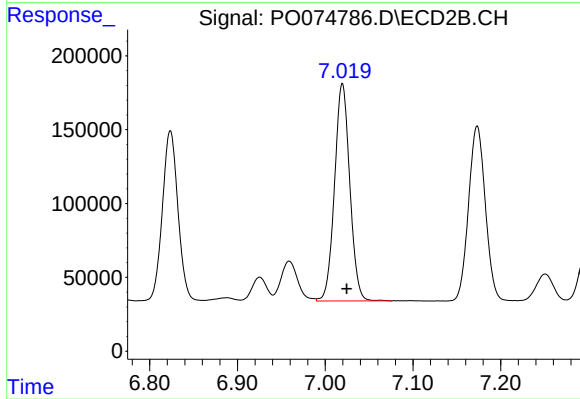
#31 AR-1260-1

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 1433034
Conc: 449.19 ng/ml



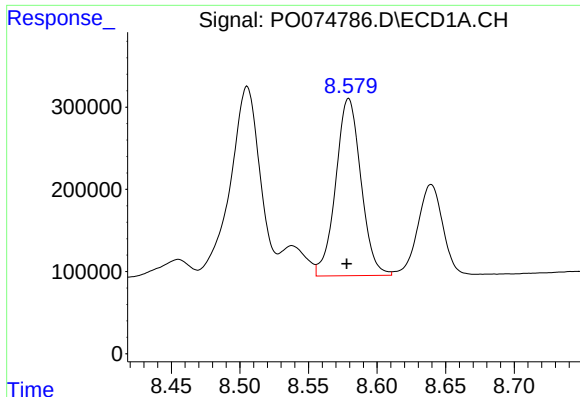
#32 AR-1260-2

R.T.: 8.213 min
Delta R.T.: 0.002 min
Response: 3241414
Conc: 476.53 ng/ml



#32 AR-1260-2

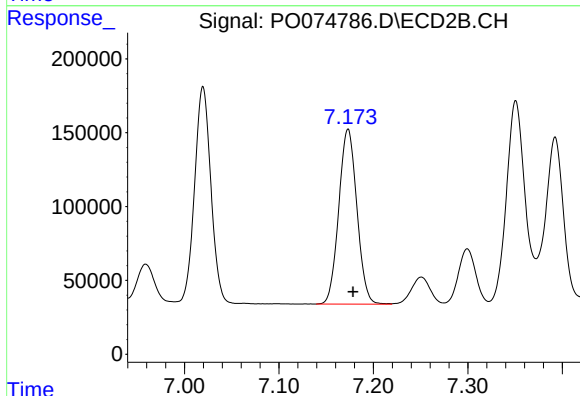
R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 1776973
Conc: 418.01 ng/ml



#33 AR-1260-3

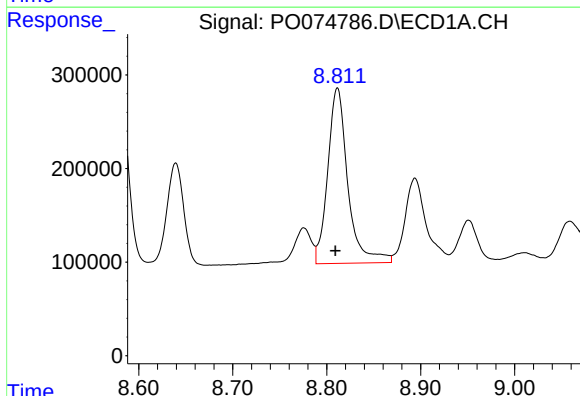
R.T.: 8.579 min
Delta R.T.: 0.001 min
Response: 2757441
Conc: 481.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



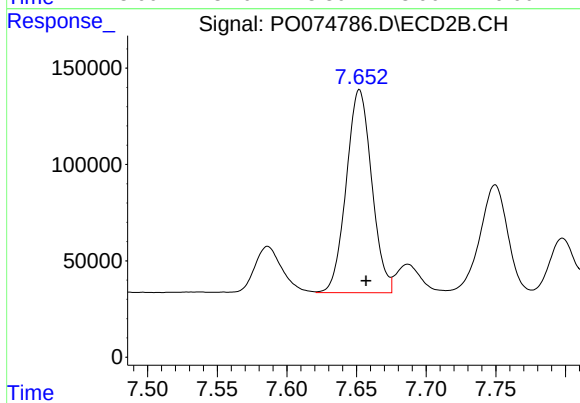
#33 AR-1260-3

R.T.: 7.173 min
Delta R.T.: -0.005 min
Response: 1579276
Conc: 438.27 ng/ml



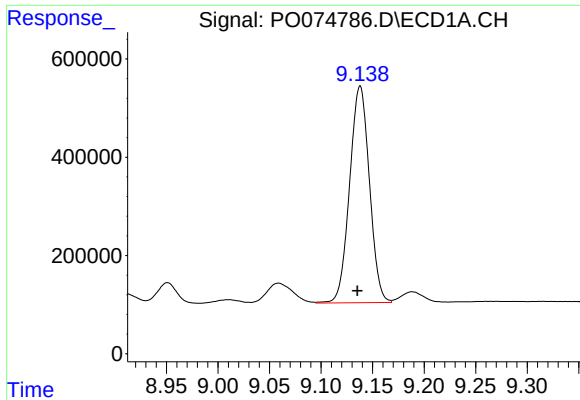
#34 AR-1260-4

R.T.: 8.812 min
Delta R.T.: 0.002 min
Response: 2789897
Conc: 509.91 ng/ml



#34 AR-1260-4

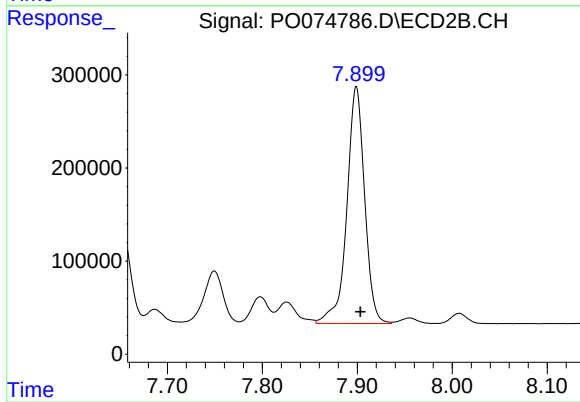
R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 1340850
Conc: 428.21 ng/ml



#35 AR-1260-5

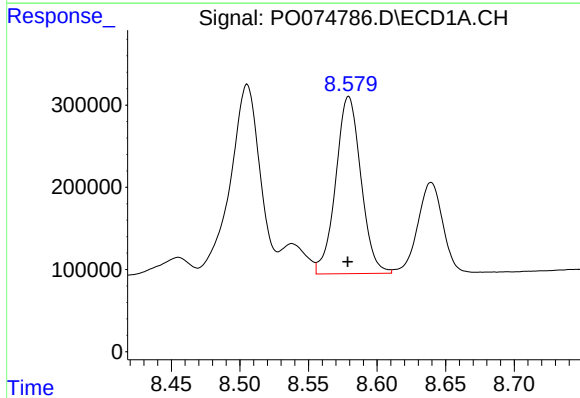
R.T.: 9.138 min
Delta R.T.: 0.002 min
Response: 5900770
Conc: 472.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



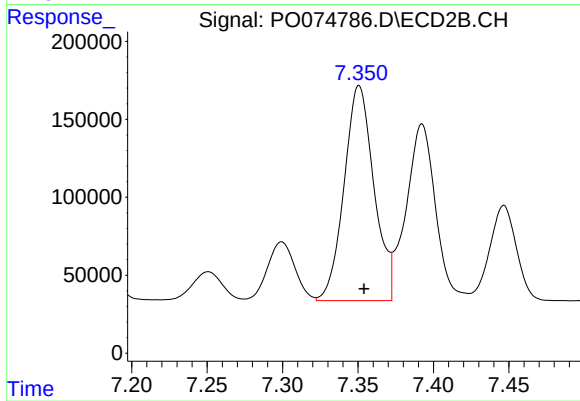
#35 AR-1260-5

R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 3311168
Conc: 416.57 ng/ml



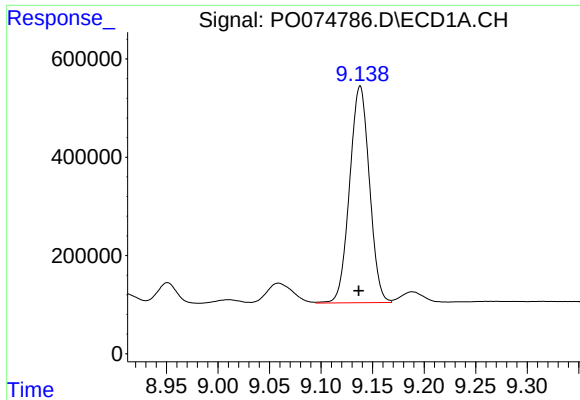
#36 AR-1262-1

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 2757441
Conc: 309.68 ng/ml



#36 AR-1262-1

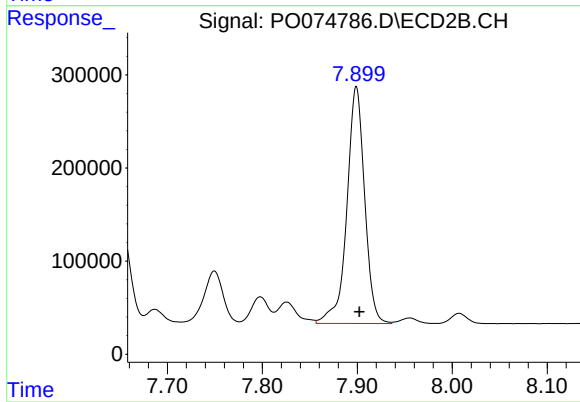
R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 1901157
Conc: 747.14 ng/ml



#37 AR-1262-2

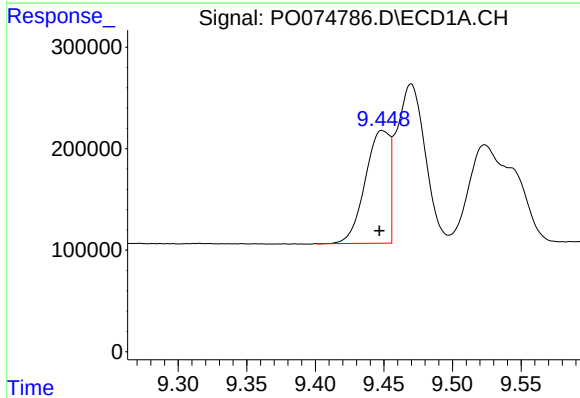
R.T.: 9.138 min
Delta R.T.: 0.001 min
Response: 5900770
Conc: 385.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



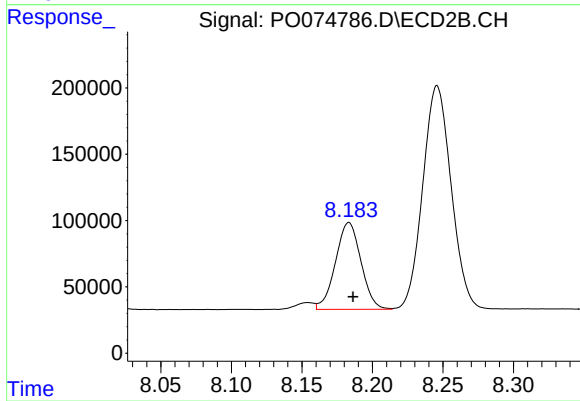
#37 AR-1262-2

R.T.: 7.899 min
Delta R.T.: -0.003 min
Response: 3311168
Conc: 360.13 ng/ml



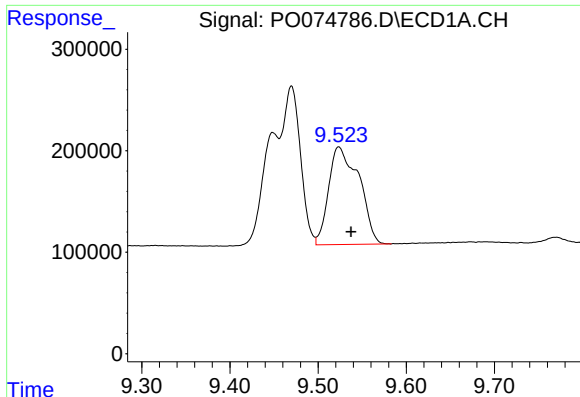
#38 AR-1262-3

R.T.: 9.449 min
Delta R.T.: 0.002 min
Response: 1376140
Conc: 137.40 ng/ml



#38 AR-1262-3

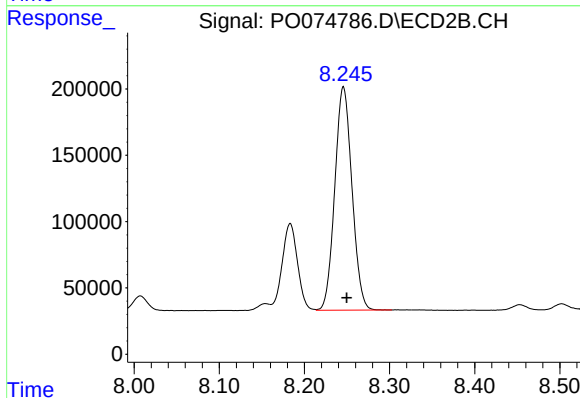
R.T.: 8.183 min
Delta R.T.: -0.003 min
Response: 824775
Conc: 208.58 ng/ml



#39 AR-1262-4

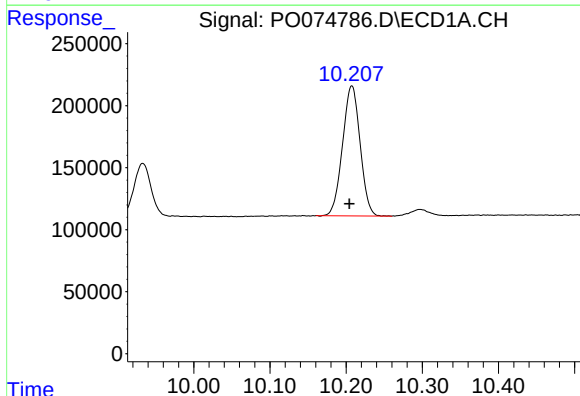
R.T.: 9.524 min
Delta R.T.: -0.014 min
Response: 2302763
Conc: 309.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



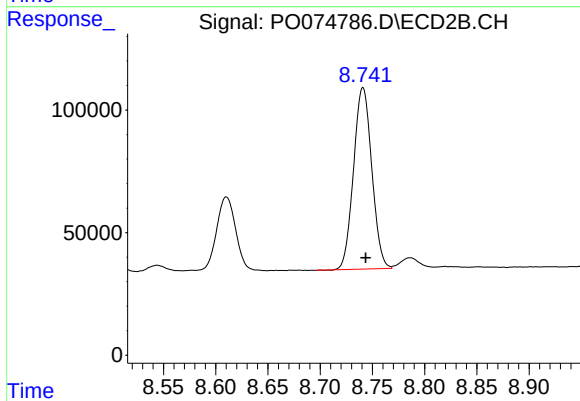
#39 AR-1262-4

R.T.: 8.246 min
Delta R.T.: -0.004 min
Response: 2363139
Conc: 356.69 ng/ml



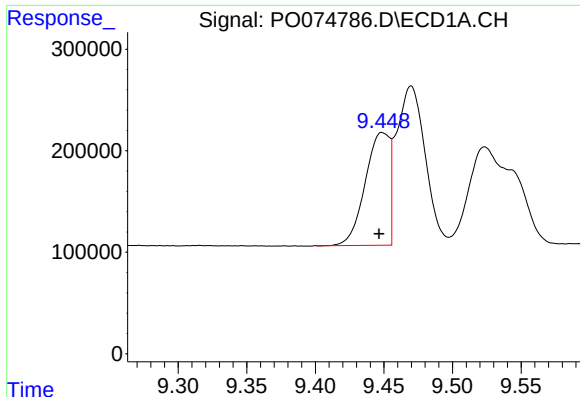
#40 AR-1262-5

R.T.: 10.207 min
Delta R.T.: 0.003 min
Response: 1678472
Conc: 320.83 ng/ml



#40 AR-1262-5

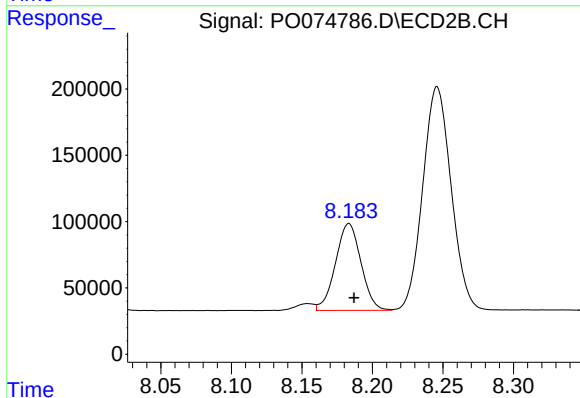
R.T.: 8.741 min
Delta R.T.: -0.003 min
Response: 900002
Conc: 291.51 ng/ml



#41 AR-1268-1

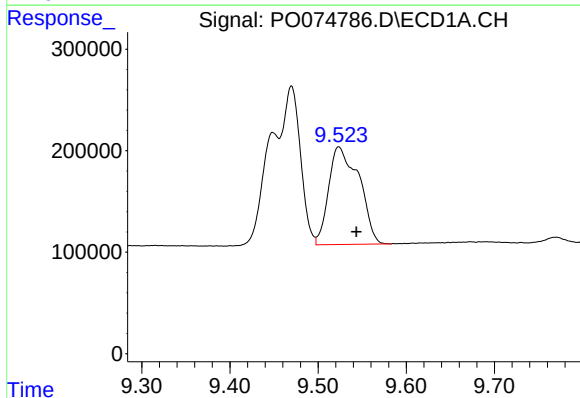
R.T.: 9.449 min
Delta R.T.: 0.002 min
Response: 1376140
Conc: 73.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



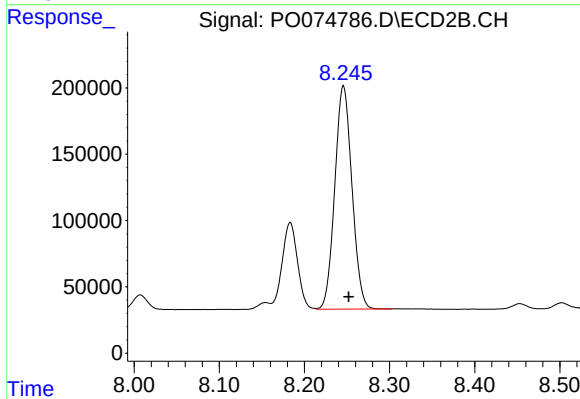
#41 AR-1268-1

R.T.: 8.183 min
Delta R.T.: -0.004 min
Response: 824775
Conc: 73.68 ng/ml



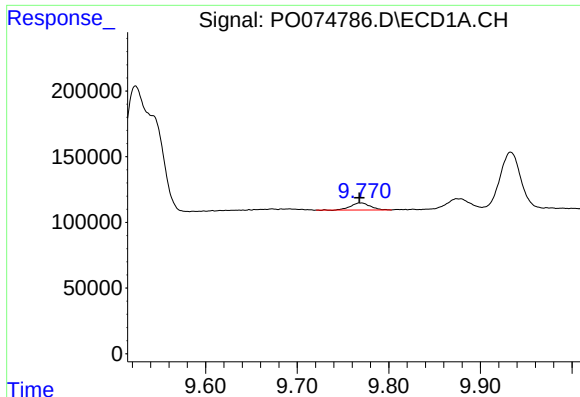
#42 AR-1268-2

R.T.: 9.524 min
Delta R.T.: -0.020 min
Response: 2302763
Conc: 144.33 ng/ml



#42 AR-1268-2

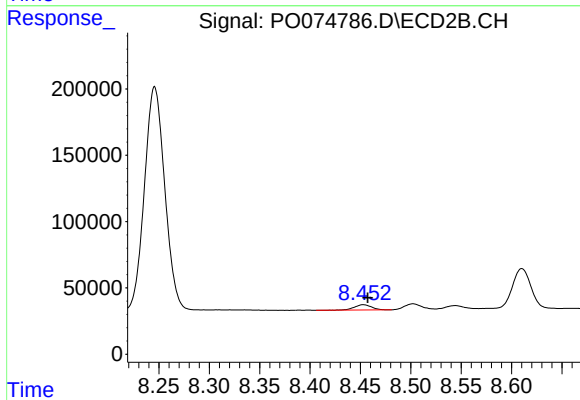
R.T.: 8.246 min
Delta R.T.: -0.006 min
Response: 2363139
Conc: 247.00 ng/ml



#43 AR-1268-3

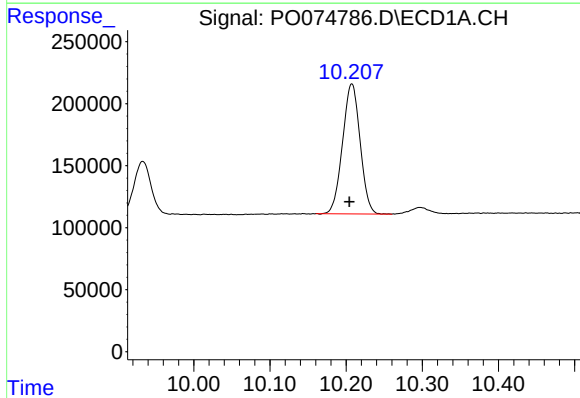
R.T.: 9.770 min
Delta R.T.: 0.002 min
Response: 80699
Conc: 5.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



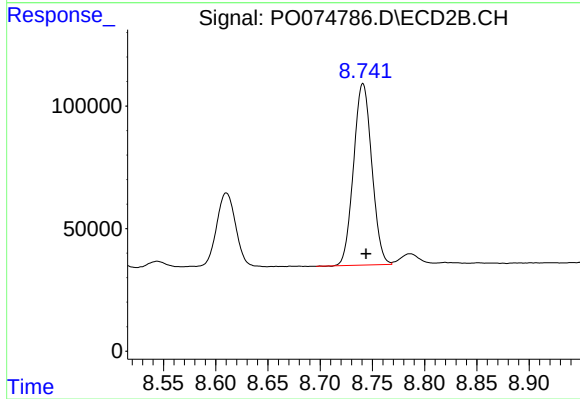
#43 AR-1268-3

R.T.: 8.453 min
Delta R.T.: -0.004 min
Response: 46709
Conc: 5.62 ng/ml



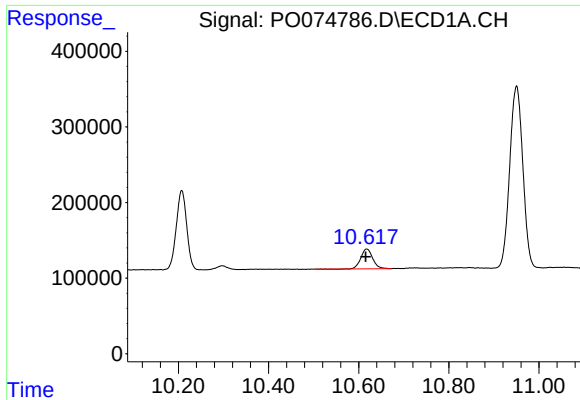
#44 AR-1268-4

R.T.: 10.207 min
Delta R.T.: 0.003 min
Response: 1678472
Conc: 286.50 ng/ml



#44 AR-1268-4

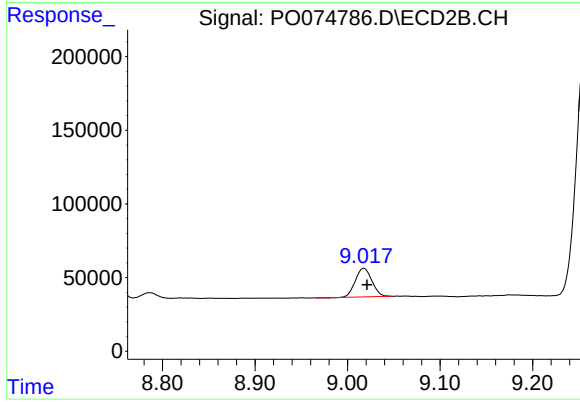
R.T.: 8.741 min
Delta R.T.: -0.003 min
Response: 900002
Conc: 259.43 ng/ml



#45 AR-1268-5

R.T.: 10.618 min
Delta R.T.: 0.002 min
Response: 477090
Conc: 11.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.018 min
Delta R.T.: -0.004 min
Response: 241490
Conc: 10.20 ng/ml