

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012021\
 Data File : P0074993.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jan 2021 14:42
 Operator : AJ/MA
 Sample : M1086-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DUP-10

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:24:19 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...	4.929	4.002	2330829	1182592	22.089	21.023
2)	SA Decachlor...	10.944	9.251	1502895	1023503	14.808	18.641 #
Target Compounds							
3)	L1 AR-1016-1	6.252	5.245	102354	43732	25.035	19.120
4)	L1 AR-1016-2	6.273	5.266	63809	26694	11.205	8.448
5)	L1 AR-1016-3	0.000	5.454	0	25150	N.D.	14.652 #
6)	L1 AR-1016-4	6.449	5.507	60753	855629	21.367	608.808 #
7)	L1 AR-1016-5	6.765	5.734	746402	418837	272.905	243.568
8)	L2 AR-1221-1	5.183	4.247f	148734	31782	121.089	44.731 #
12)	L3 AR-1232-2	0.000	5.266	0	26694	N.D.	19.769 #
13)	L3 AR-1232-3	6.273	5.454	63809	25150	26.445	34.283 #
14)	L3 AR-1232-4	6.449	5.550	60753	312091	50.547	490.744 #
15)	L3 AR-1232-5	6.546	5.734	1568368	418837	1927.561	603.165 #
16)	L4 AR-1242-1	6.252	5.245	102354	43732	31.786	23.726 #
17)	L4 AR-1242-2	6.273	5.266	63809	26694	14.139	10.604 #
18)	L4 AR-1242-3	0.000	5.454	0	25150	N.D.	18.521 #
19)	L4 AR-1242-4	6.449	5.550	60753	312091	26.772	238.791 #
20)	L4 AR-1242-5	7.236	6.110	2046972	3698153	813.425	2112.227 #
21)	L5 AR-1248-1	6.252	5.245	102354	43732	42.515	31.797 #
22)	L5 AR-1248-2	6.546	5.507	1568368	855629	504.289	455.280
23)	L5 AR-1248-3	6.765	5.550	746402	312091	206.116	165.336
24)	L5 AR-1248-4	7.195	5.734	3281271	418837	735.796	185.955 #
25)	L5 AR-1248-5	7.236	6.153	2046972	522535	485.737	222.260 #
26)	L6 AR-1254-1	7.164	6.110	7576231	3698153	1722.599	1023.850 #
27)	L6 AR-1254-2	7.393	6.269	11530408	5021890	1692.967	1611.369
28)	L6 AR-1254-3	7.777	6.685	16746387	10296727	2387.454	2099.692
29)	L6 AR-1254-4	8.074	6.923	16164670	7518408	2665.382	2168.075
30)	L6 AR-1254-5	8.503	7.349	28068761	23309017	4831.996	5150.093
31)	L7 AR-1260-1	7.944	6.821	9561495	5684998	1916.617	1781.973
32)	L7 AR-1260-2	8.210	7.018	17228160	8072144	2532.769	1898.859 #
33)	L7 AR-1260-3	8.566	7.168	3493091	5561936	609.431	1543.494 #
34)	L7 AR-1260-4	8.800	7.649	10200205	1198100	1864.307	382.618 #
35)	L7 AR-1260-5	9.134	7.895	4680792	2400441	374.614	301.993
36)	L8 AR-1262-1	8.566	7.349	3493091	23309017	392.298	9160.267 #
37)	L8 AR-1262-2	9.134	7.895	4680792	2400441	305.729	261.078
38)	L8 AR-1262-3	9.467f	8.182	3797616	-2316	379.163	N.D. #
39)	L8 AR-1262-4	9.516f	8.240	1015836	2572155	136.402	388.238 #
40)	L8 AR-1262-5	10.203	8.738	248711	201462	47.540	65.253 #
41)	L9 AR-1268-1	9.467f	8.182	3797616	-2316	203.261	N.D. #
42)	L9 AR-1268-2	9.516f	8.240	1015836	2572155	63.669	268.851 #
43)	L9 AR-1268-3	9.761	8.450	119407	32648	8.408	3.929 #
44)	L9 AR-1268-4	10.203	8.738	248711	201462	42.453	58.072 #

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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
45) L9	AR-1268-5	10.614	9.014	264956	148113	6.340	6.255

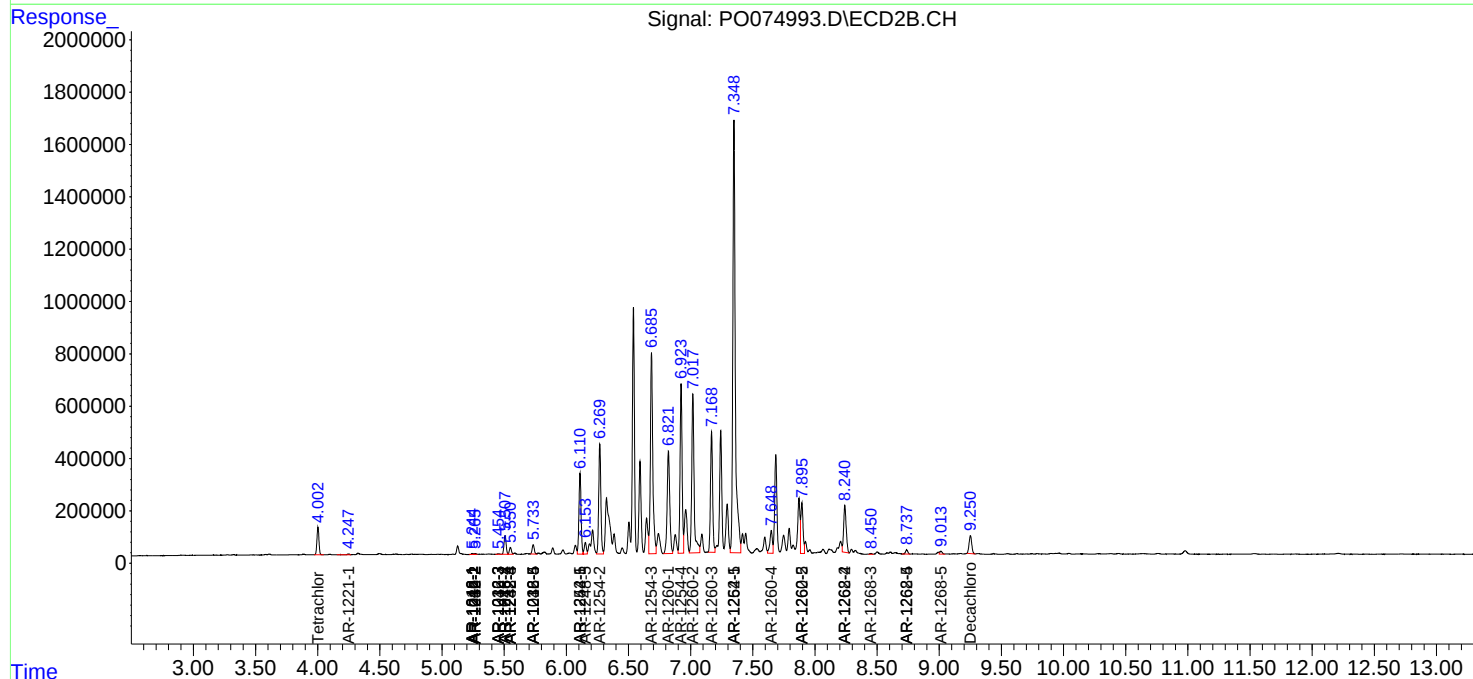
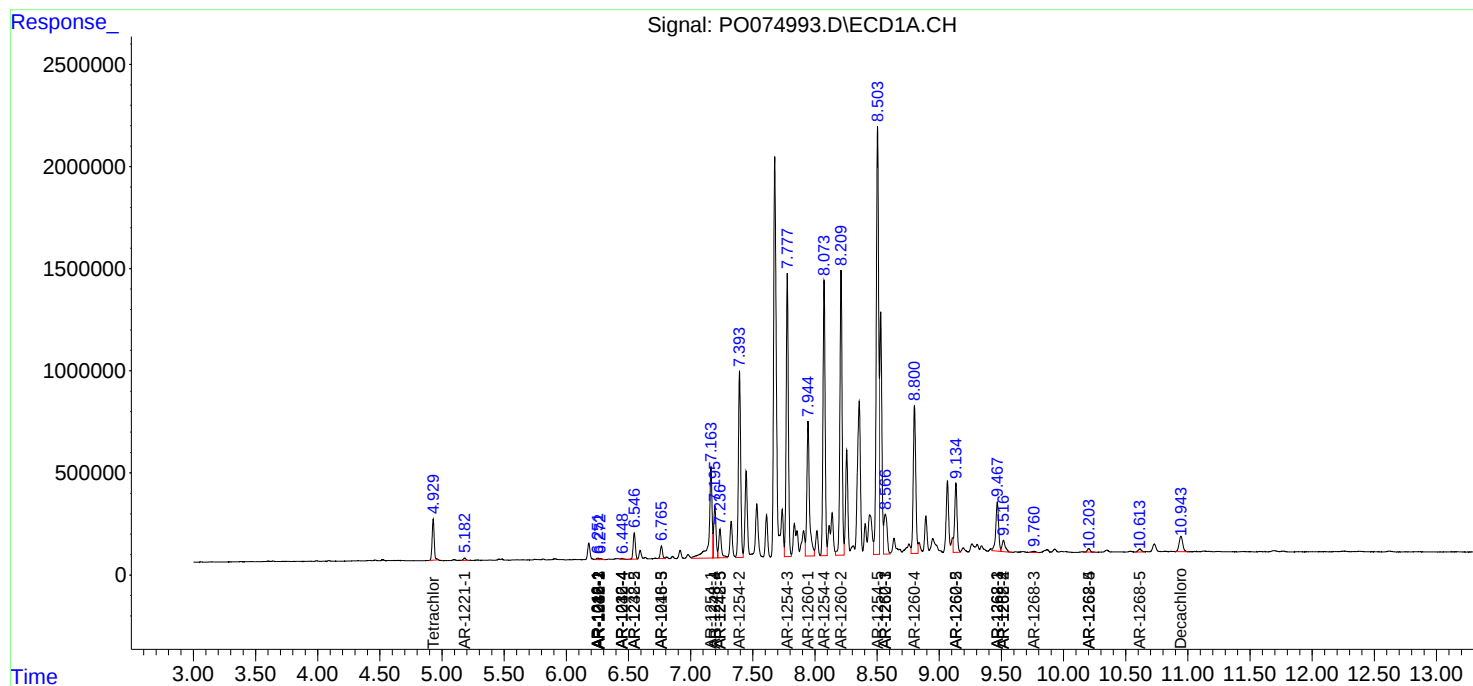
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

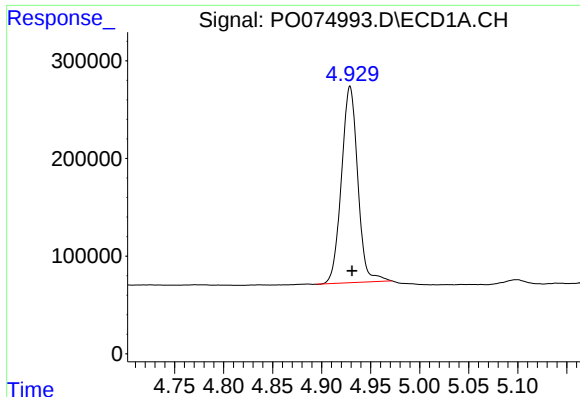
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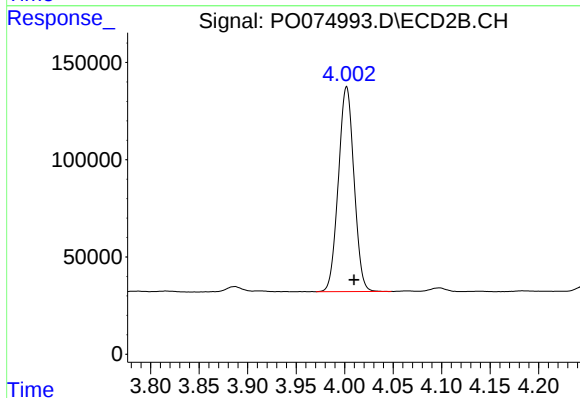




#1 Tetrachloro-m-xylene

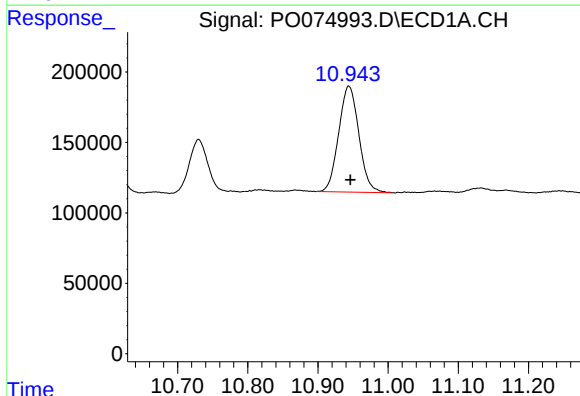
R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 2330829
Conc: 22.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



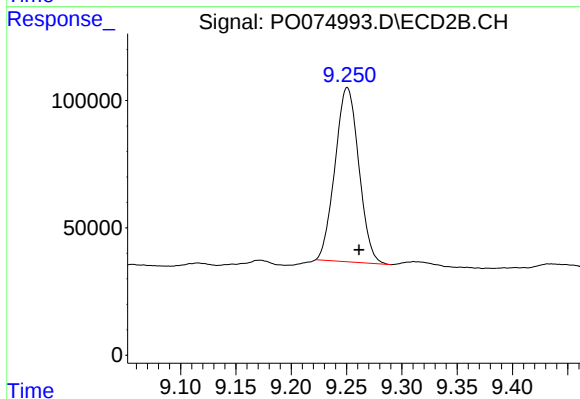
#1 Tetrachloro-m-xylene

R.T.: 4.002 min
Delta R.T.: -0.008 min
Response: 1182592
Conc: 21.02 ng/ml



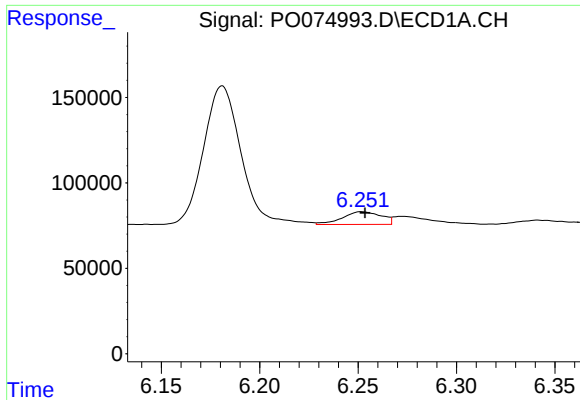
#2 Decachlorobiphenyl

R.T.: 10.944 min
Delta R.T.: -0.002 min
Response: 1502895
Conc: 14.81 ng/ml



#2 Decachlorobiphenyl

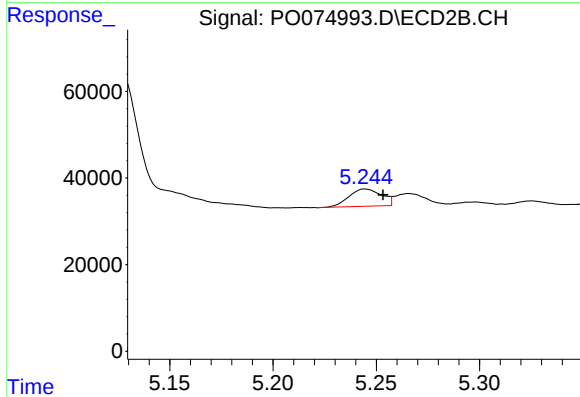
R.T.: 9.251 min
Delta R.T.: -0.011 min
Response: 1023503
Conc: 18.64 ng/ml



#3 AR-1016-1

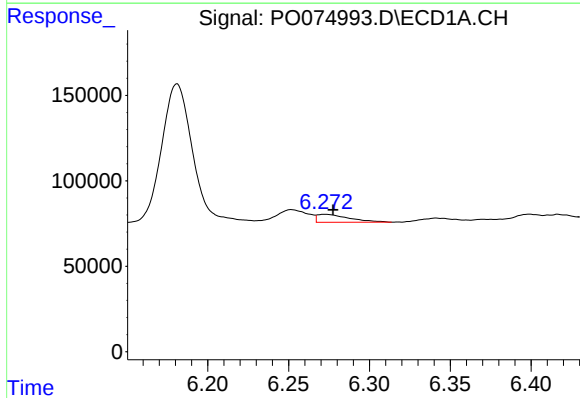
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 102354
Conc: 25.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



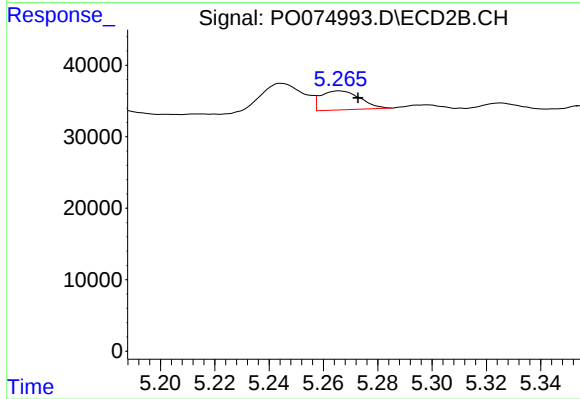
#3 AR-1016-1

R.T.: 5.245 min
Delta R.T.: -0.009 min
Response: 43732
Conc: 19.12 ng/ml



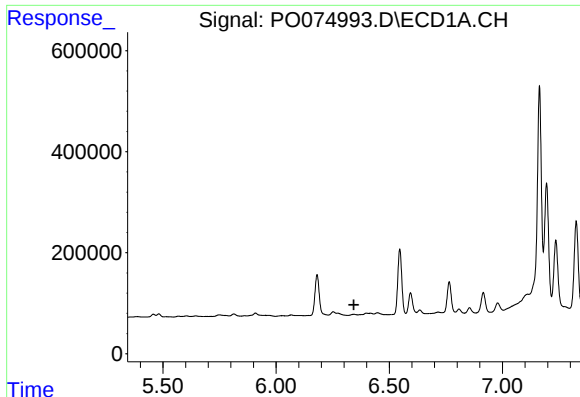
#4 AR-1016-2

R.T.: 6.273 min
Delta R.T.: -0.005 min
Response: 63809
Conc: 11.20 ng/ml



#4 AR-1016-2

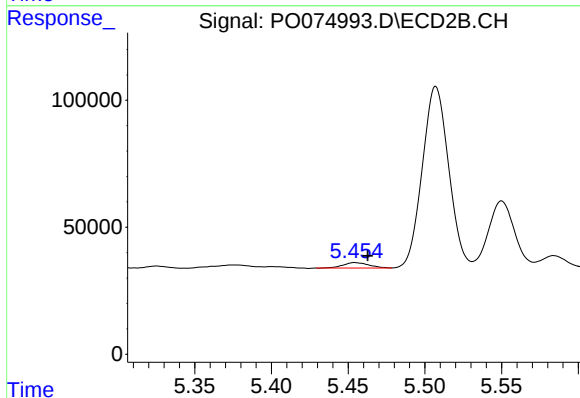
R.T.: 5.266 min
Delta R.T.: -0.007 min
Response: 26694
Conc: 8.45 ng/ml



#5 AR-1016-3

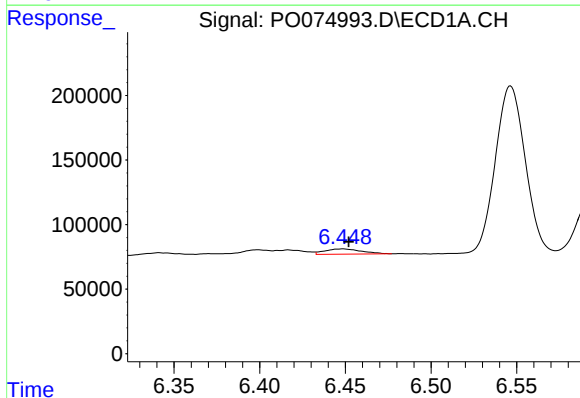
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10



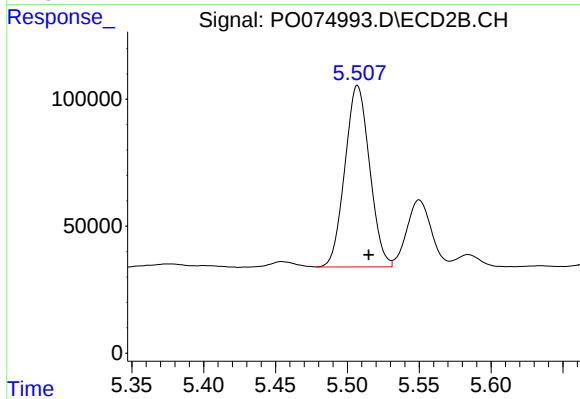
#5 AR-1016-3

R.T.: 5.454 min
Delta R.T.: -0.008 min
Response: 25150
Conc: 14.65 ng/ml



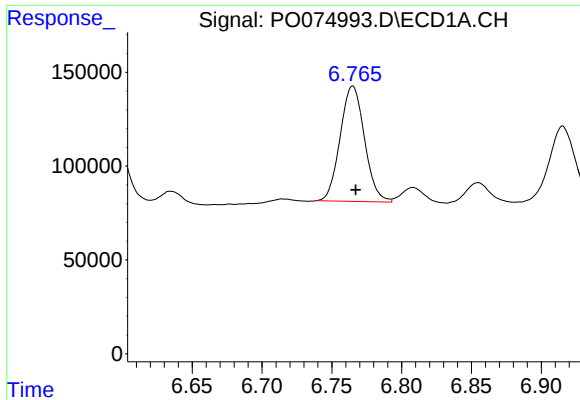
#6 AR-1016-4

R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 60753
Conc: 21.37 ng/ml



#6 AR-1016-4

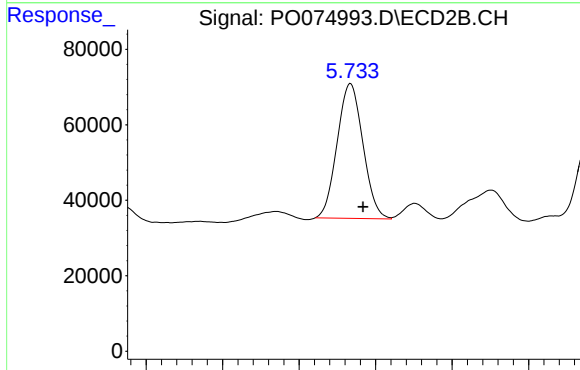
R.T.: 5.507 min
Delta R.T.: -0.008 min
Response: 855629
Conc: 608.81 ng/ml



#7 AR-1016-5

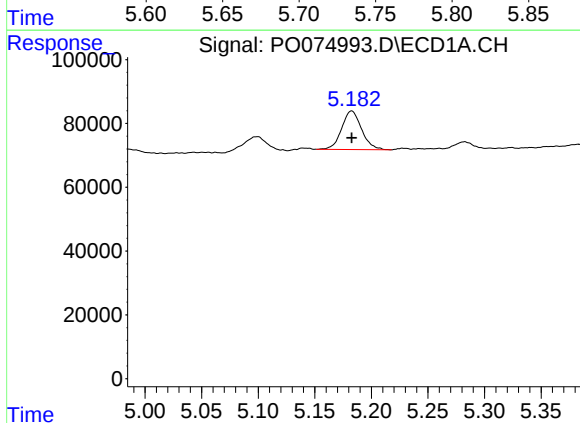
R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 746402
Conc: 272.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



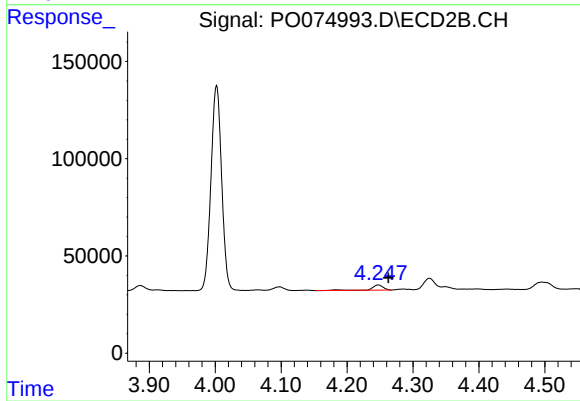
#7 AR-1016-5

R.T.: 5.734 min
Delta R.T.: -0.008 min
Response: 418837
Conc: 243.57 ng/ml



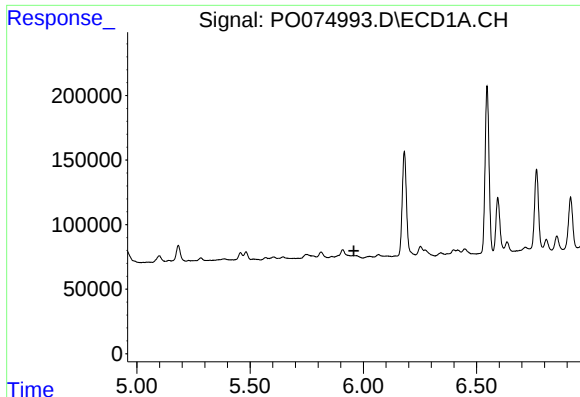
#8 AR-1221-1

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 148734
Conc: 121.09 ng/ml



#8 AR-1221-1

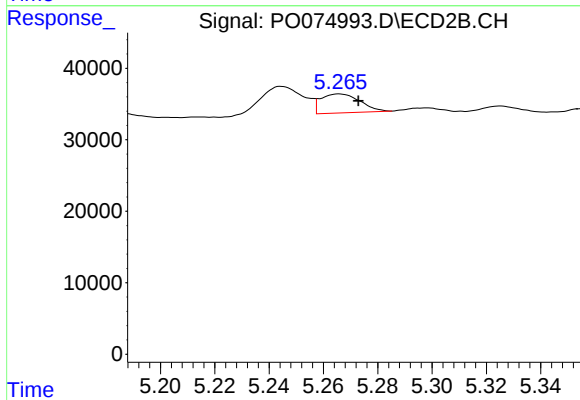
R.T.: 4.247 min
Delta R.T.: -0.015 min
Response: 31782
Conc: 44.73 ng/ml



#12 AR-1232-2

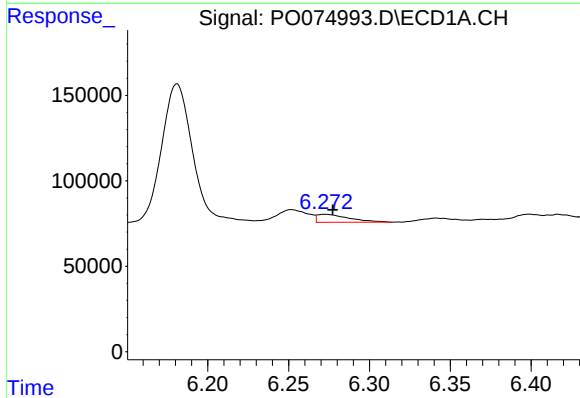
R.T.: 0.000 min
Exp R.T.: 5.958 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10



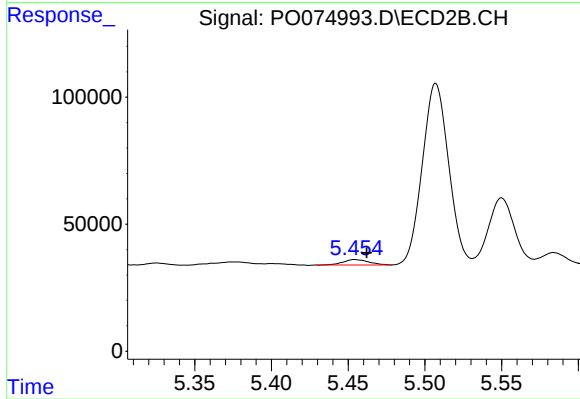
#12 AR-1232-2

R.T.: 5.266 min
Delta R.T.: -0.007 min
Response: 26694
Conc: 19.77 ng/ml



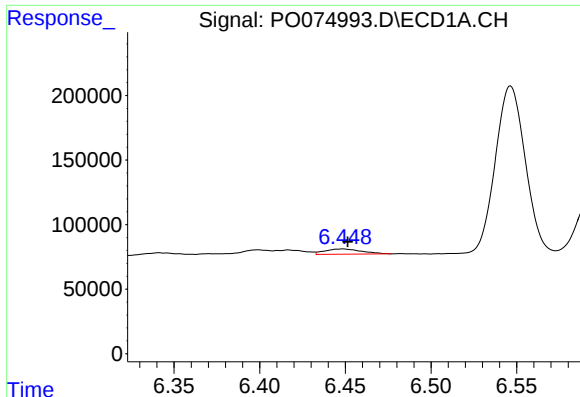
#13 AR-1232-3

R.T.: 6.273 min
Delta R.T.: -0.005 min
Response: 63809
Conc: 26.44 ng/ml



#13 AR-1232-3

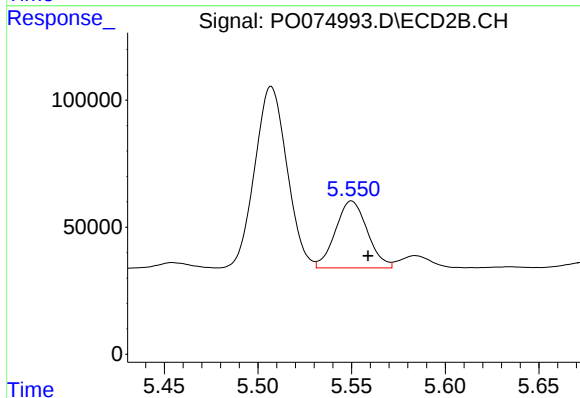
R.T.: 5.454 min
Delta R.T.: -0.008 min
Response: 25150
Conc: 34.28 ng/ml



#14 AR-1232-4

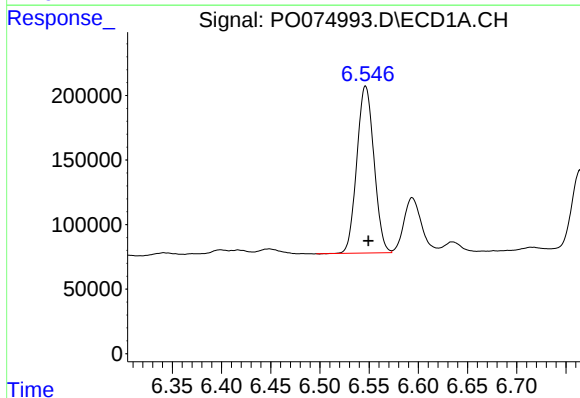
R.T.: 6.449 min
Delta R.T.: -0.003 min
Response: 60753
Conc: 50.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



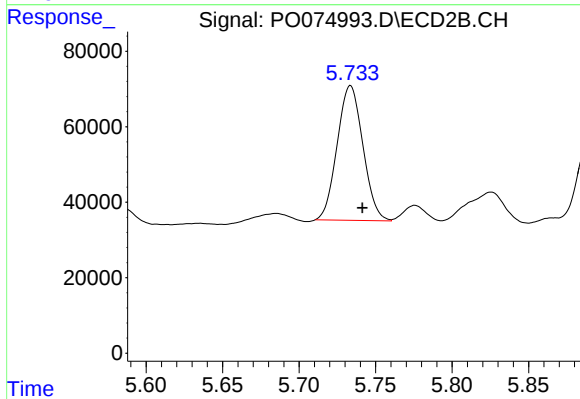
#14 AR-1232-4

R.T.: 5.550 min
Delta R.T.: -0.009 min
Response: 312091
Conc: 490.74 ng/ml



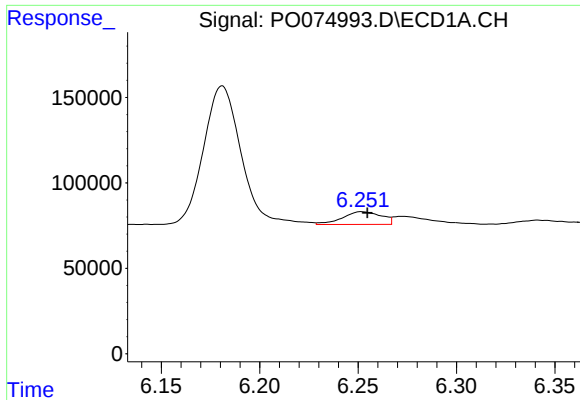
#15 AR-1232-5

R.T.: 6.546 min
Delta R.T.: -0.003 min
Response: 1568368
Conc: 1927.56 ng/ml



#15 AR-1232-5

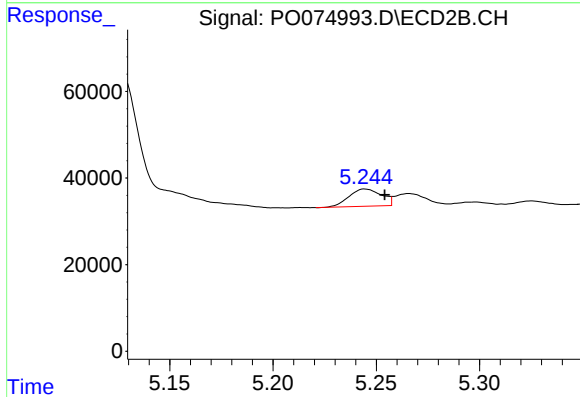
R.T.: 5.734 min
Delta R.T.: -0.008 min
Response: 418837
Conc: 603.16 ng/ml



#16 AR-1242-1

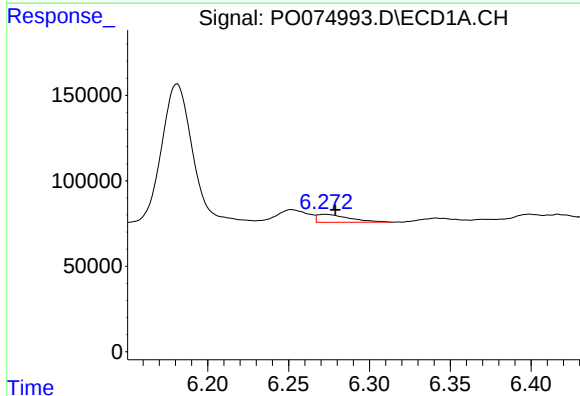
R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 102354
Conc: 31.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



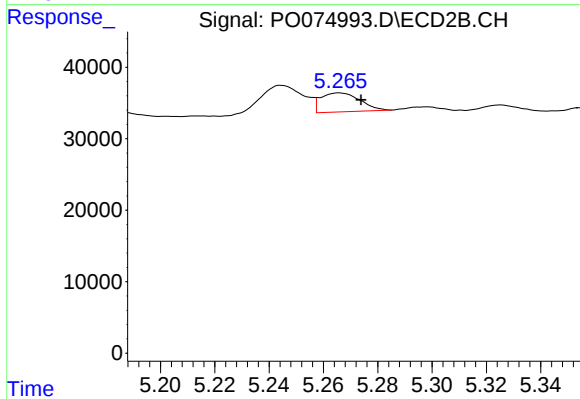
#16 AR-1242-1

R.T.: 5.245 min
Delta R.T.: -0.009 min
Response: 43732
Conc: 23.73 ng/ml



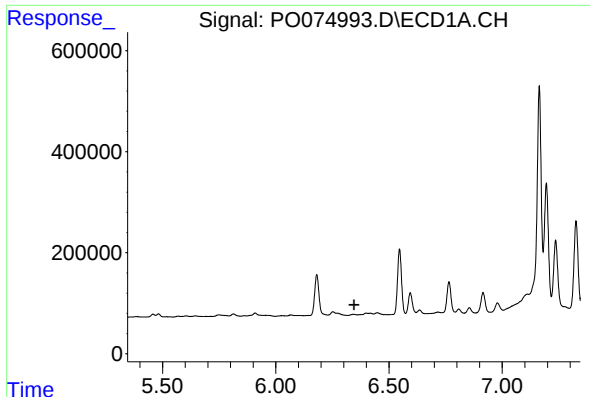
#17 AR-1242-2

R.T.: 6.273 min
Delta R.T.: -0.006 min
Response: 63809
Conc: 14.14 ng/ml



#17 AR-1242-2

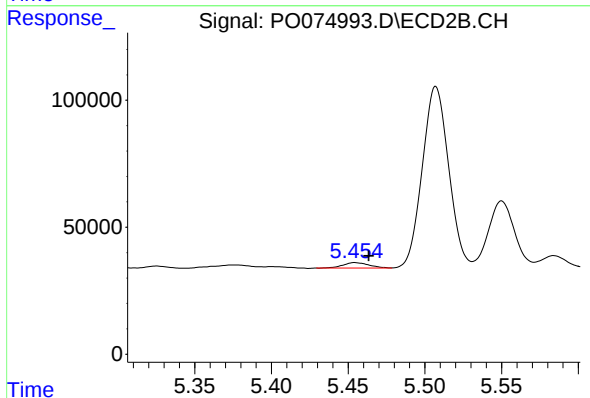
R.T.: 5.266 min
Delta R.T.: -0.008 min
Response: 26694
Conc: 10.60 ng/ml



#18 AR-1242-3

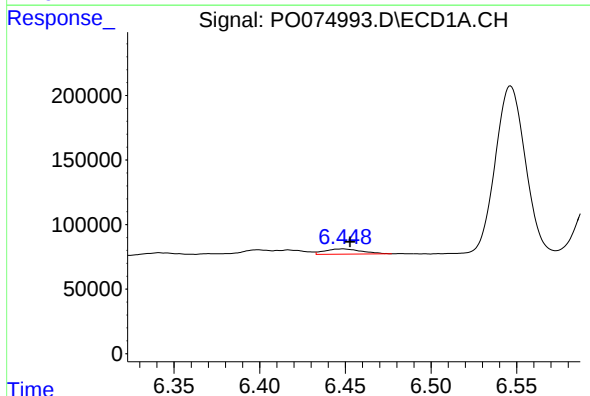
R.T.: 0.000 min
Exp R.T.: 6.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
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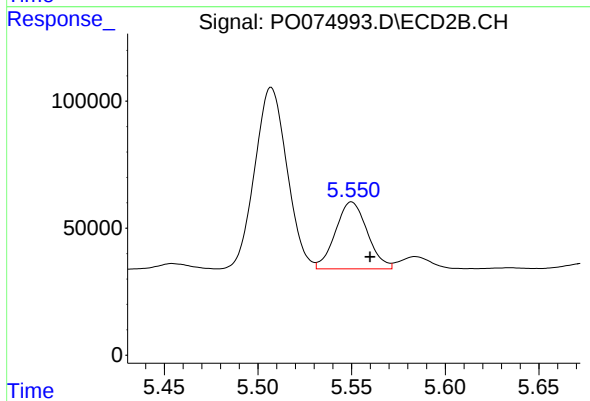
#18 AR-1242-3

R.T.: 5.454 min
Delta R.T.: -0.009 min
Response: 25150
Conc: 18.52 ng/ml



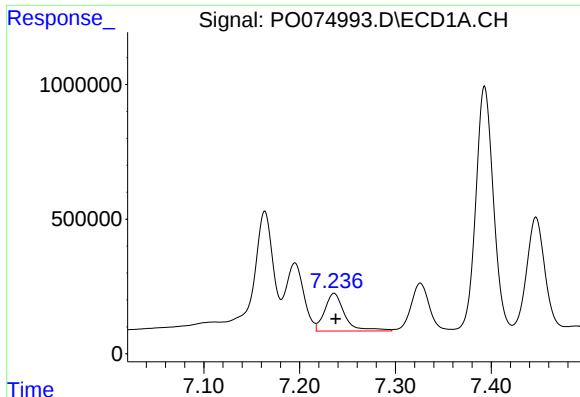
#19 AR-1242-4

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 60753
Conc: 26.77 ng/ml



#19 AR-1242-4

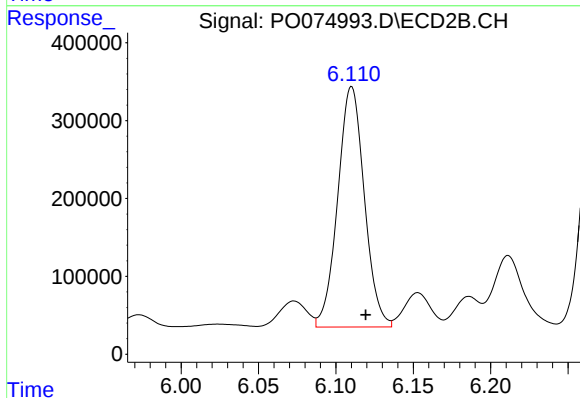
R.T.: 5.550 min
Delta R.T.: -0.010 min
Response: 312091
Conc: 238.79 ng/ml



#20 AR-1242-5

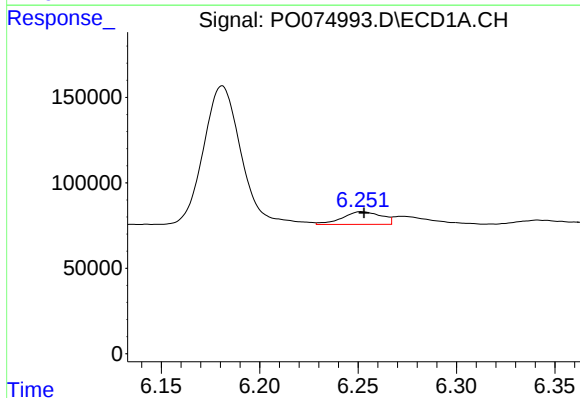
R.T.: 7.236 min
Delta R.T.: -0.002 min
Response: 2046972
Conc: 813.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



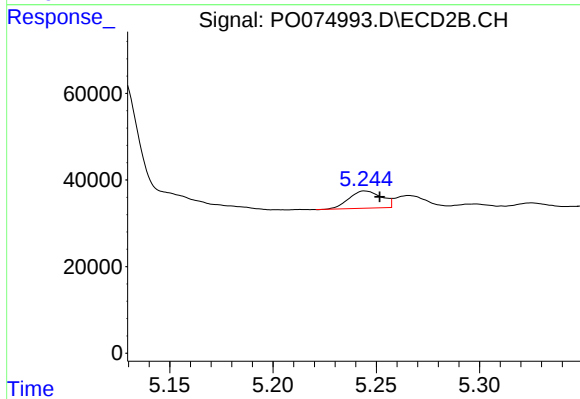
#20 AR-1242-5

R.T.: 6.110 min
Delta R.T.: -0.009 min
Response: 3698153
Conc: 2112.23 ng/ml



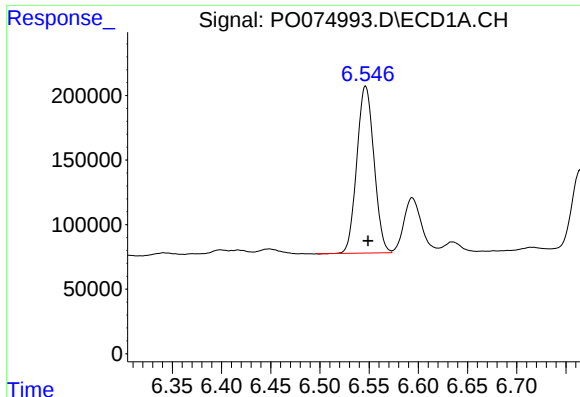
#21 AR-1248-1

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 102354
Conc: 42.52 ng/ml



#21 AR-1248-1

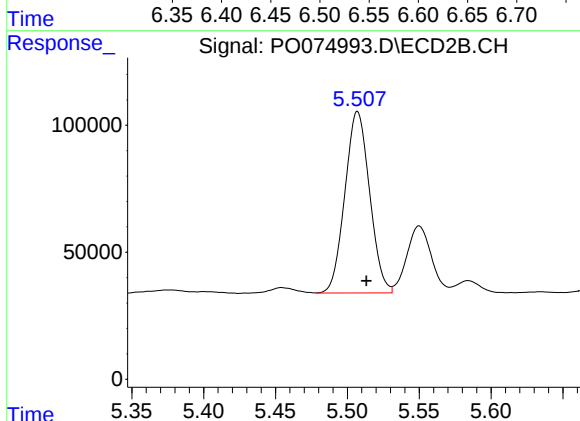
R.T.: 5.245 min
Delta R.T.: -0.007 min
Response: 43732
Conc: 31.80 ng/ml



#22 AR-1248-2

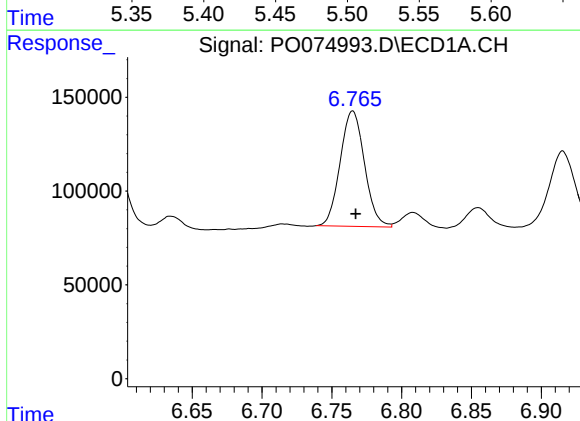
R.T.: 6.546 min
Delta R.T.: -0.002 min
Response: 1568368
Conc: 504.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



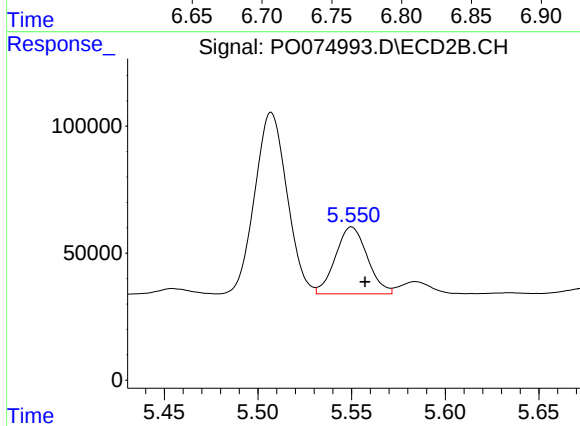
#22 AR-1248-2

R.T.: 5.507 min
Delta R.T.: -0.006 min
Response: 855629
Conc: 455.28 ng/ml



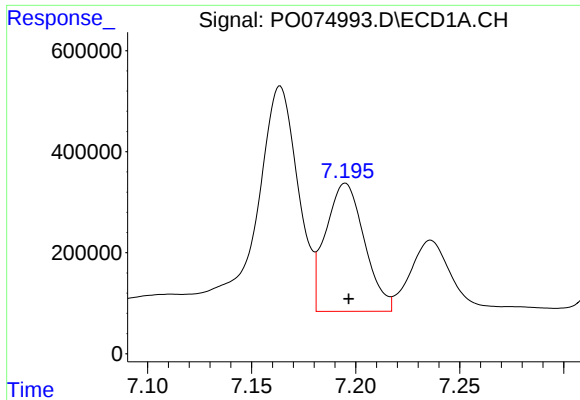
#23 AR-1248-3

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 746402
Conc: 206.12 ng/ml



#23 AR-1248-3

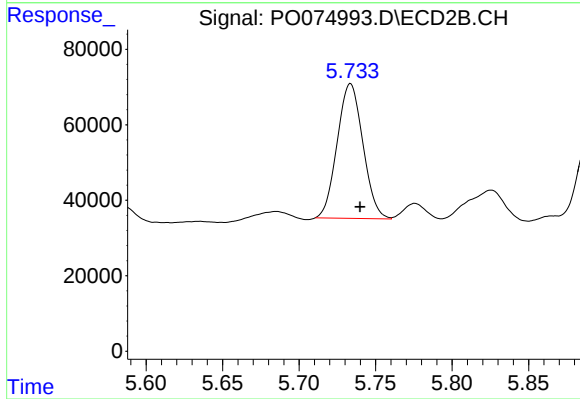
R.T.: 5.550 min
Delta R.T.: -0.007 min
Response: 312091
Conc: 165.34 ng/ml



#24 AR-1248-4

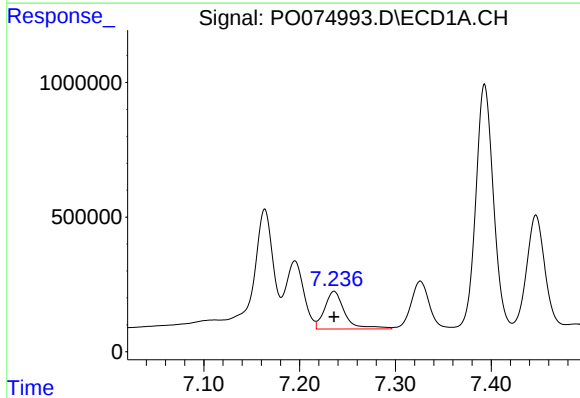
R.T.: 7.195 min
Delta R.T.: -0.002 min
Response: 3281271
Conc: 735.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



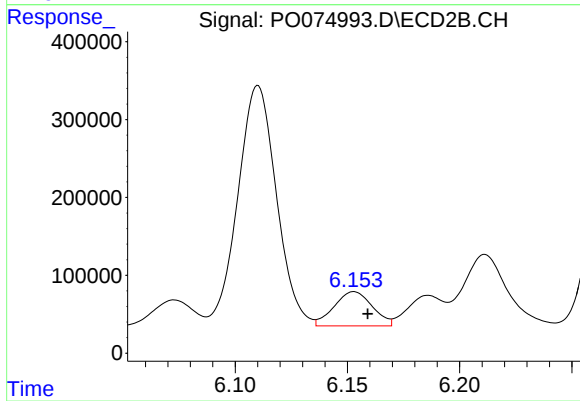
#24 AR-1248-4

R.T.: 5.734 min
Delta R.T.: -0.006 min
Response: 418837
Conc: 185.95 ng/ml



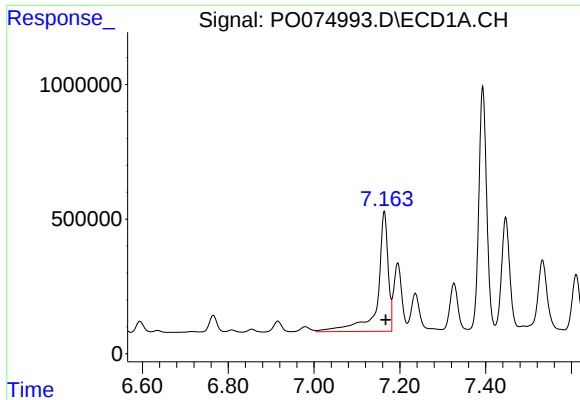
#25 AR-1248-5

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 2046972
Conc: 485.74 ng/ml



#25 AR-1248-5

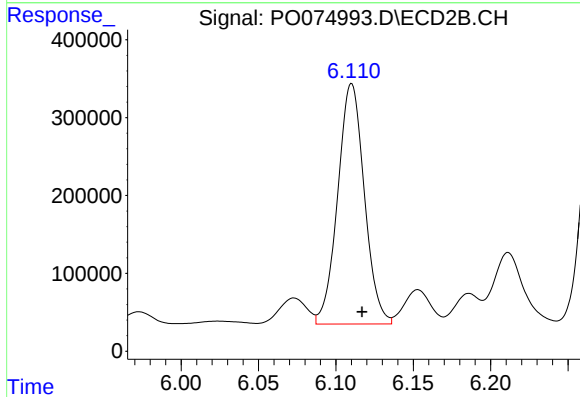
R.T.: 6.153 min
Delta R.T.: -0.006 min
Response: 522535
Conc: 222.26 ng/ml



#26 AR-1254-1

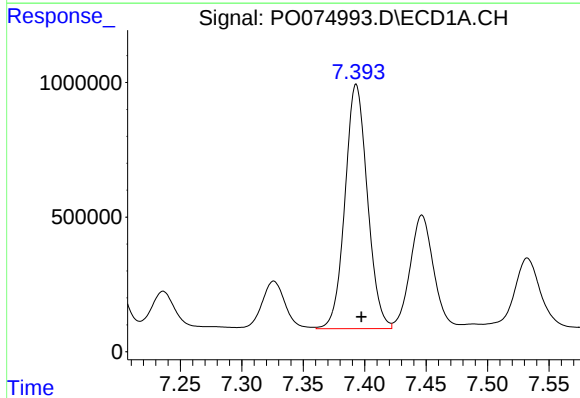
R.T.: 7.164 min
Delta R.T.: -0.003 min
Response: 7576231
Conc: 1722.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



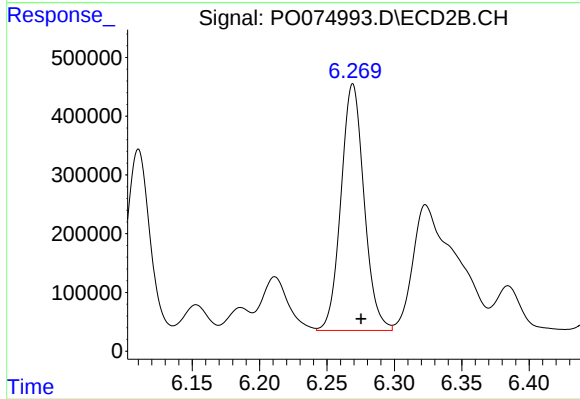
#26 AR-1254-1

R.T.: 6.110 min
Delta R.T.: -0.007 min
Response: 3698153
Conc: 1023.85 ng/ml



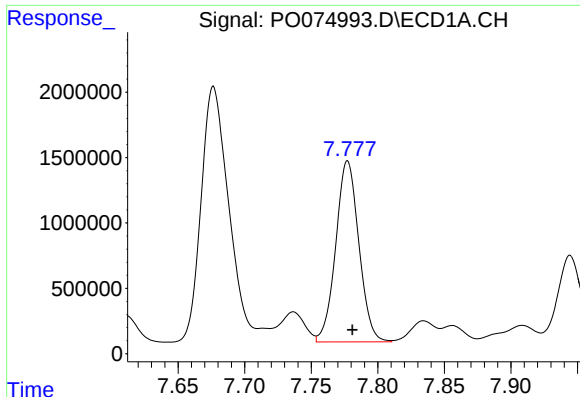
#27 AR-1254-2

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 11530408
Conc: 1692.97 ng/ml



#27 AR-1254-2

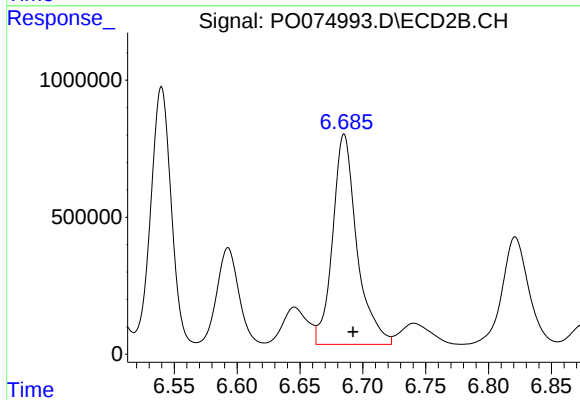
R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 5021890
Conc: 1611.37 ng/ml



#28 AR-1254-3

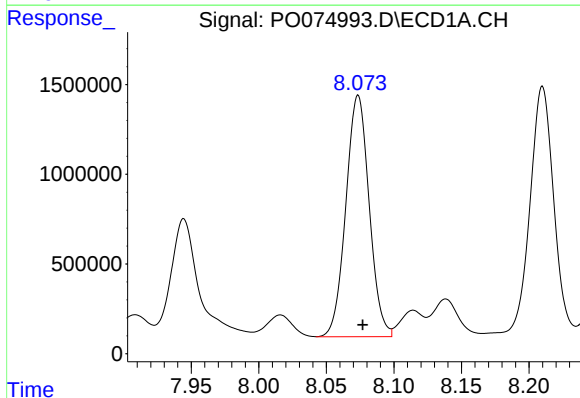
R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 16746387
Conc: 2387.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



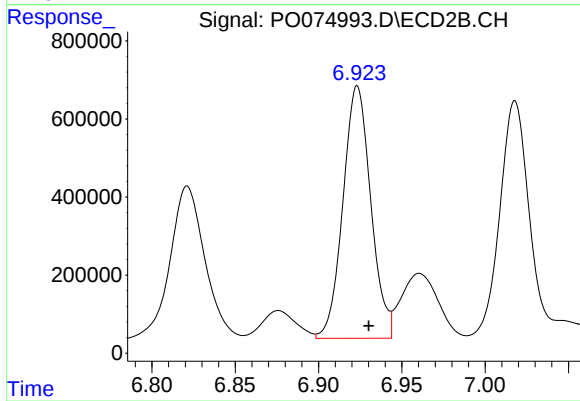
#28 AR-1254-3

R.T.: 6.685 min
Delta R.T.: -0.007 min
Response: 10296727
Conc: 2099.69 ng/ml



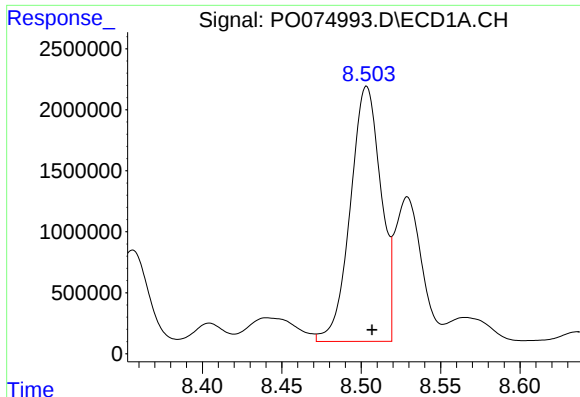
#29 AR-1254-4

R.T.: 8.074 min
Delta R.T.: -0.004 min
Response: 16164670
Conc: 2665.38 ng/ml



#29 AR-1254-4

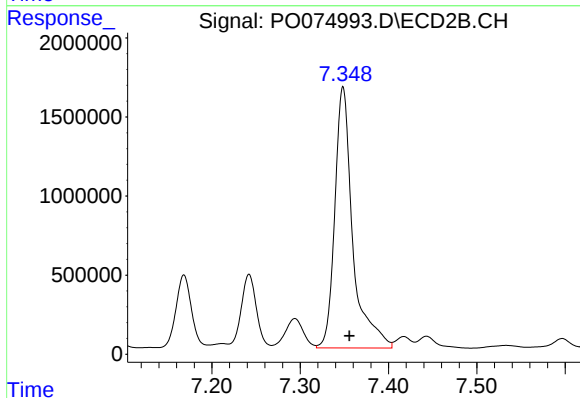
R.T.: 6.923 min
Delta R.T.: -0.007 min
Response: 7518408
Conc: 2168.08 ng/ml



#30 AR-1254-5

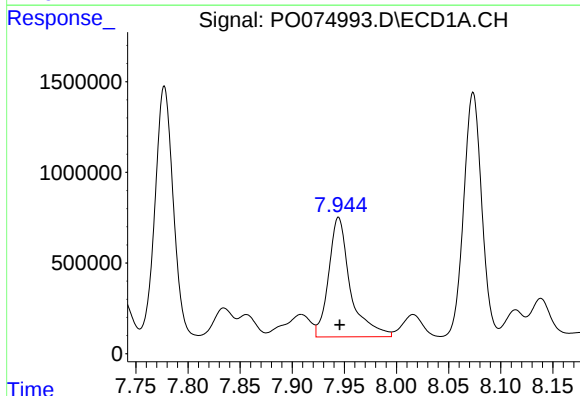
R.T.: 8.503 min
Delta R.T.: -0.003 min
Response: 28068761
Conc: 4832.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



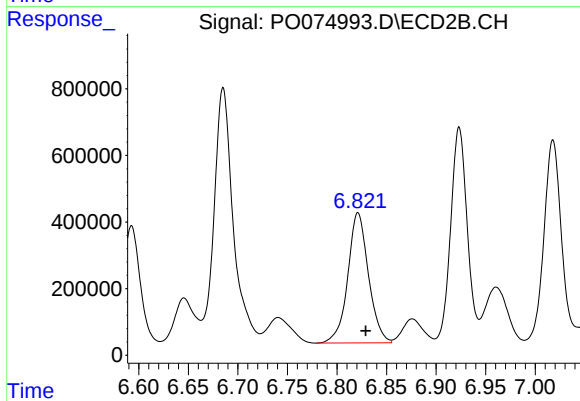
#30 AR-1254-5

R.T.: 7.349 min
Delta R.T.: -0.007 min
Response: 23309017
Conc: 5150.09 ng/ml



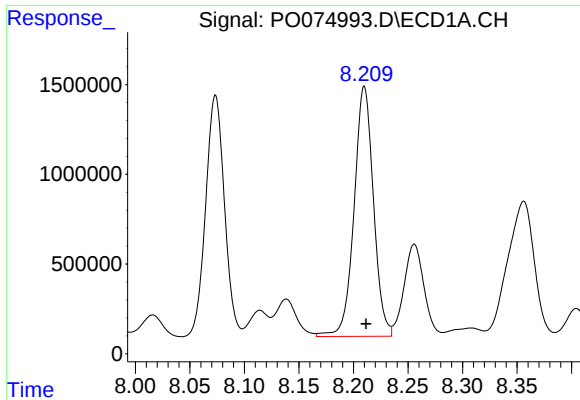
#31 AR-1260-1

R.T.: 7.944 min
Delta R.T.: -0.001 min
Response: 9561495
Conc: 1916.62 ng/ml



#31 AR-1260-1

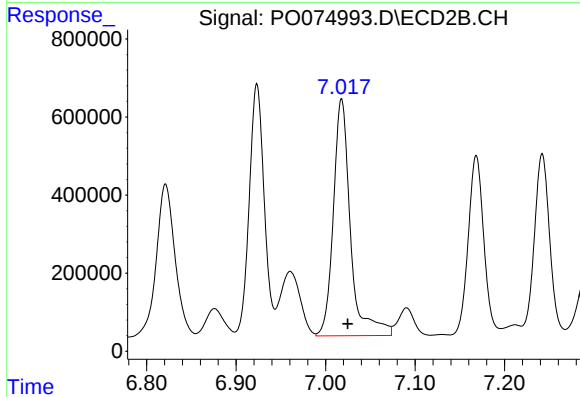
R.T.: 6.821 min
Delta R.T.: -0.008 min
Response: 5684998
Conc: 1781.97 ng/ml



#32 AR-1260-2

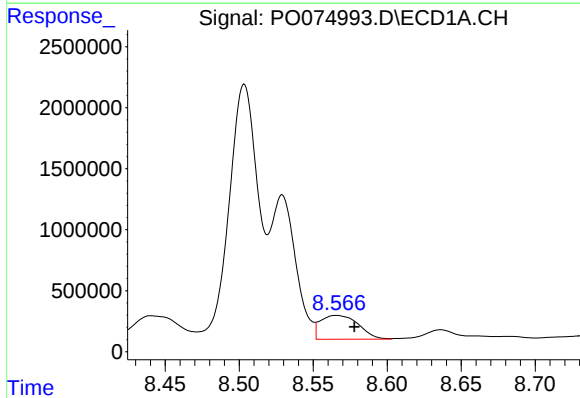
R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 17228160
Conc: 2532.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



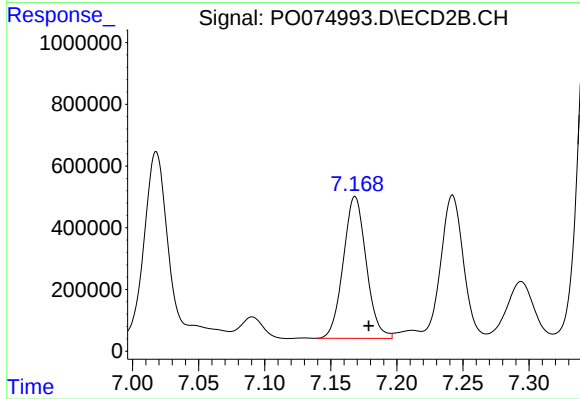
#32 AR-1260-2

R.T.: 7.018 min
Delta R.T.: -0.007 min
Response: 8072144
Conc: 1898.86 ng/ml



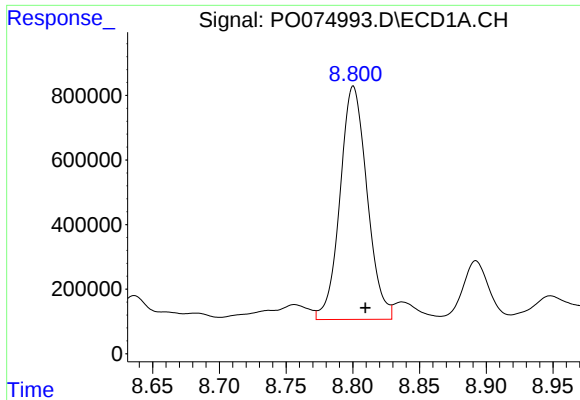
#33 AR-1260-3

R.T.: 8.566 min
Delta R.T.: -0.012 min
Response: 3493091
Conc: 609.43 ng/ml



#33 AR-1260-3

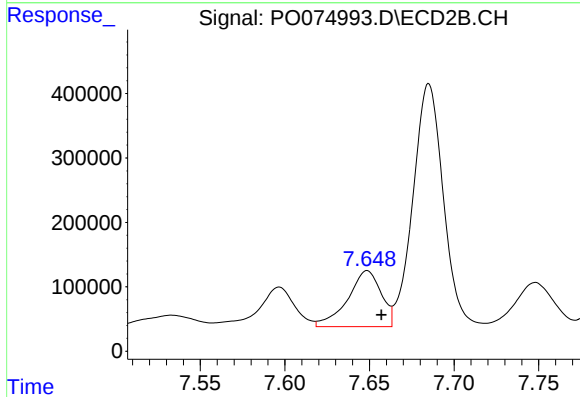
R.T.: 7.168 min
Delta R.T.: -0.010 min
Response: 5561936
Conc: 1543.49 ng/ml



#34 AR-1260-4

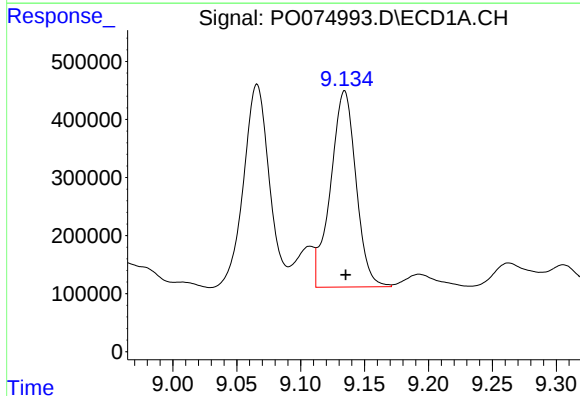
R.T.: 8.800 min
Delta R.T.: -0.009 min
Response: 10200205
Conc: 1864.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



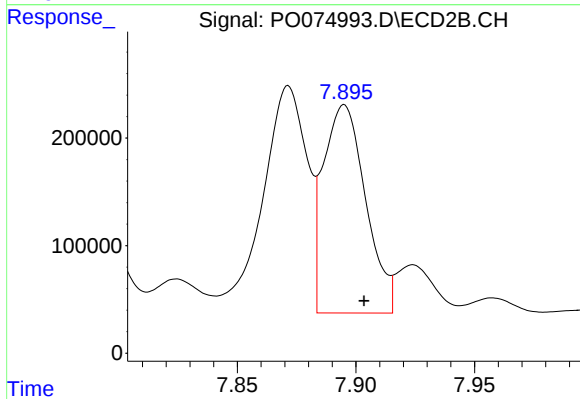
#34 AR-1260-4

R.T.: 7.649 min
Delta R.T.: -0.008 min
Response: 1198100
Conc: 382.62 ng/ml



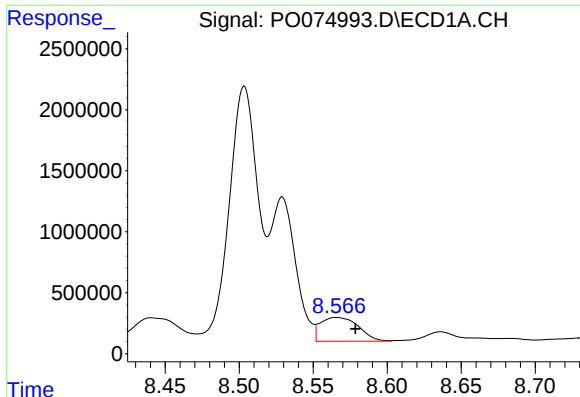
#35 AR-1260-5

R.T.: 9.134 min
Delta R.T.: -0.001 min
Response: 4680792
Conc: 374.61 ng/ml



#35 AR-1260-5

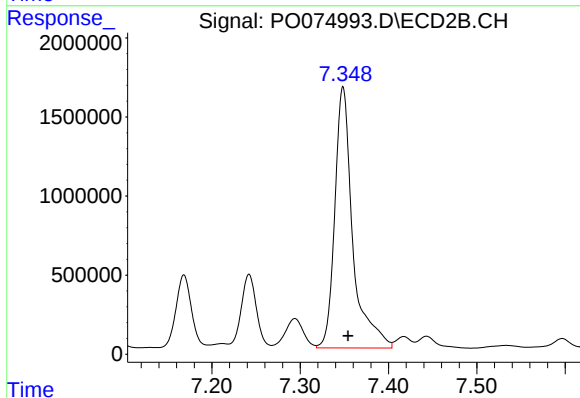
R.T.: 7.895 min
Delta R.T.: -0.008 min
Response: 2400441
Conc: 301.99 ng/ml



#36 AR-1262-1

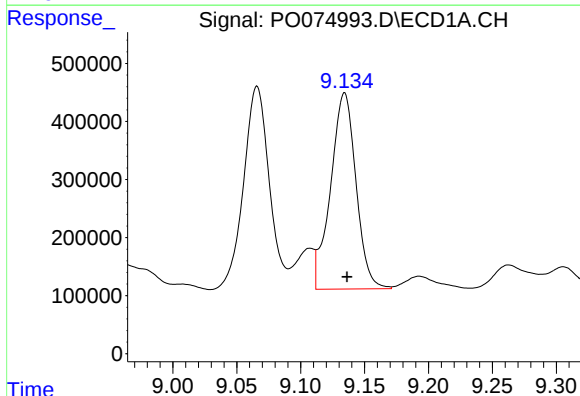
R.T.: 8.566 min
Delta R.T.: -0.013 min
Response: 3493091
Conc: 392.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



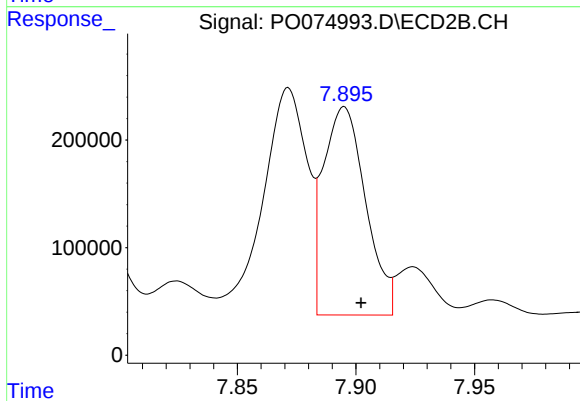
#36 AR-1262-1

R.T.: 7.349 min
Delta R.T.: -0.005 min
Response: 23309017
Conc: 9160.27 ng/ml



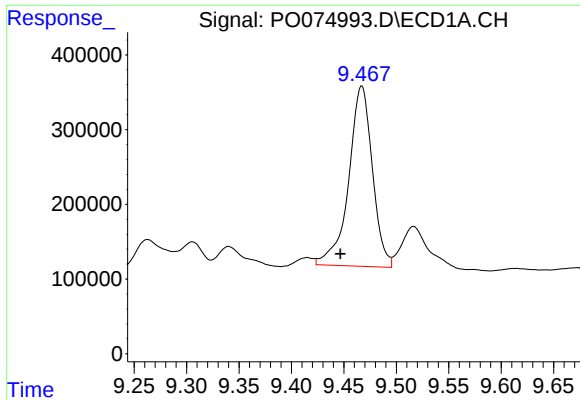
#37 AR-1262-2

R.T.: 9.134 min
Delta R.T.: -0.002 min
Response: 4680792
Conc: 305.73 ng/ml



#37 AR-1262-2

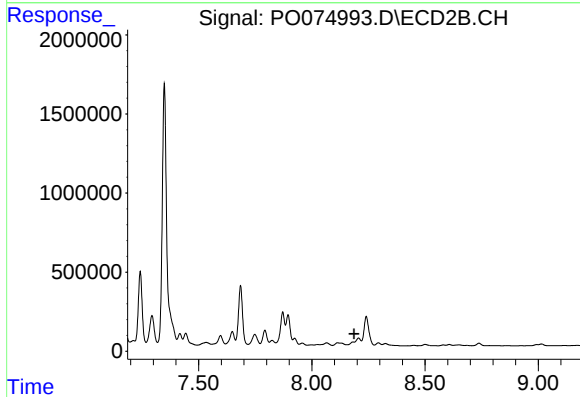
R.T.: 7.895 min
Delta R.T.: -0.007 min
Response: 2400441
Conc: 261.08 ng/ml



#38 AR-1262-3

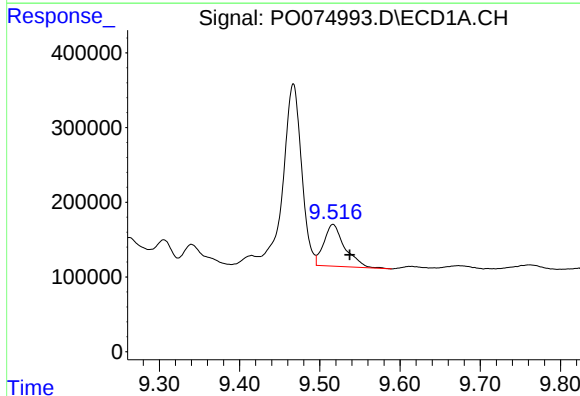
R.T.: 9.467 min
Delta R.T.: 0.020 min
Response: 3797616
Conc: 379.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



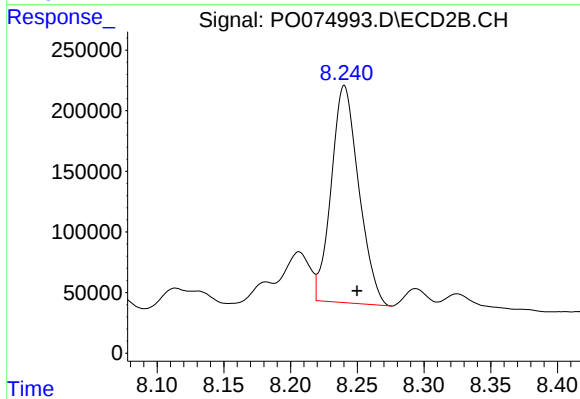
#38 AR-1262-3

R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: -2316
Conc: N.D.



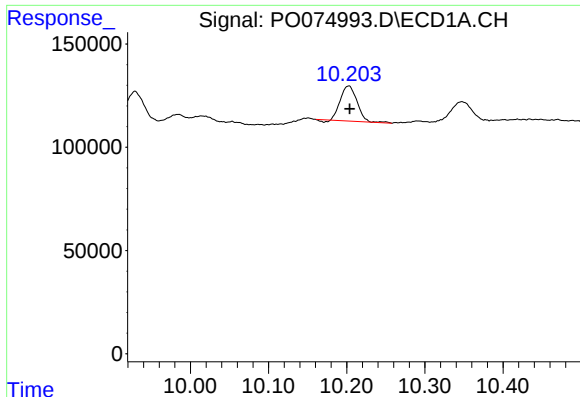
#39 AR-1262-4

R.T.: 9.516 min
Delta R.T.: -0.021 min
Response: 1015836
Conc: 136.40 ng/ml



#39 AR-1262-4

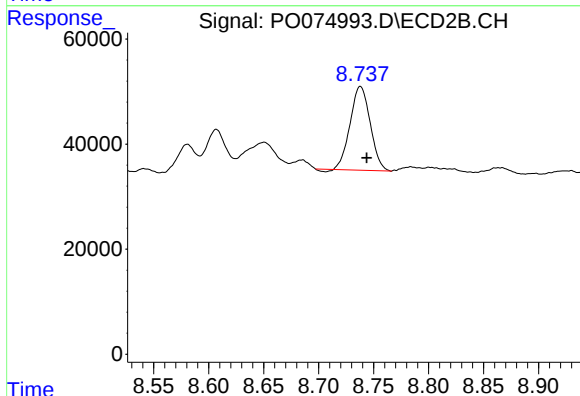
R.T.: 8.240 min
Delta R.T.: -0.009 min
Response: 2572155
Conc: 388.24 ng/ml



#40 AR-1262-5

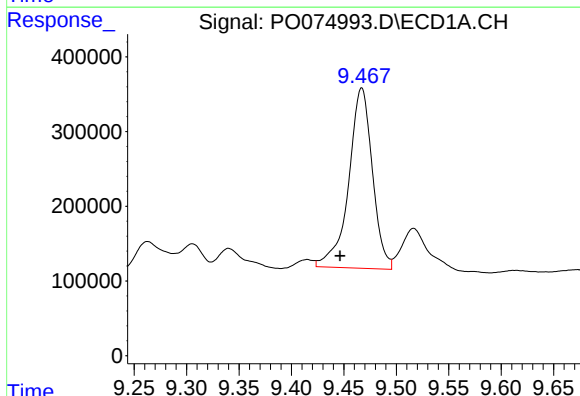
R.T.: 10.203 min
Delta R.T.: -0.002 min
Response: 248711
Conc: 47.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



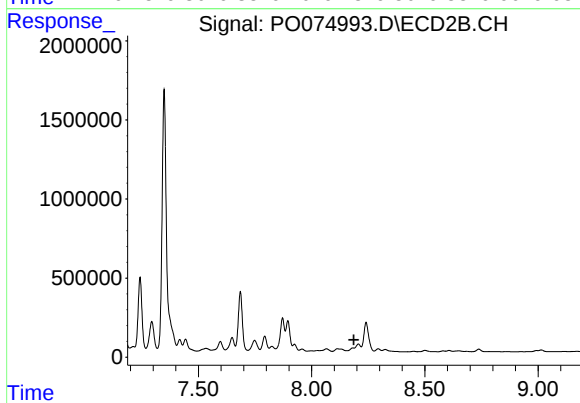
#40 AR-1262-5

R.T.: 8.738 min
Delta R.T.: -0.006 min
Response: 201462
Conc: 65.25 ng/ml



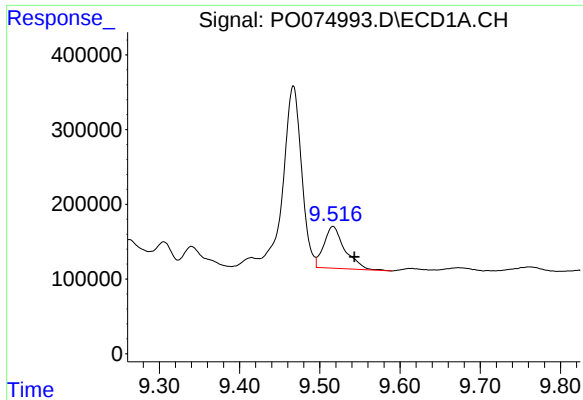
#41 AR-1268-1

R.T.: 9.467 min
Delta R.T.: 0.021 min
Response: 3797616
Conc: 203.26 ng/ml



#41 AR-1268-1

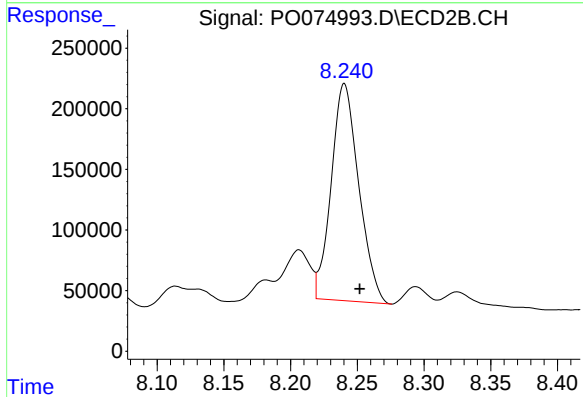
R.T.: 8.182 min
Delta R.T.: -0.005 min
Response: -2316
Conc: N.D.



#42 AR-1268-2

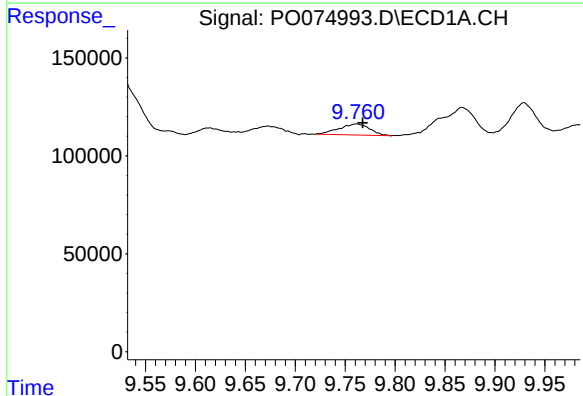
R.T.: 9.516 min
Delta R.T.: -0.027 min
Response: 1015836
Conc: 63.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



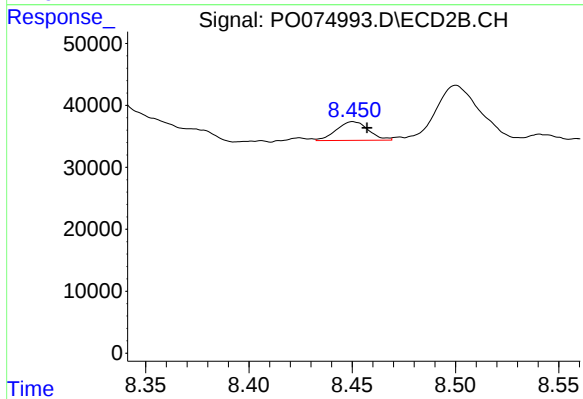
#42 AR-1268-2

R.T.: 8.240 min
Delta R.T.: -0.012 min
Response: 2572155
Conc: 268.85 ng/ml



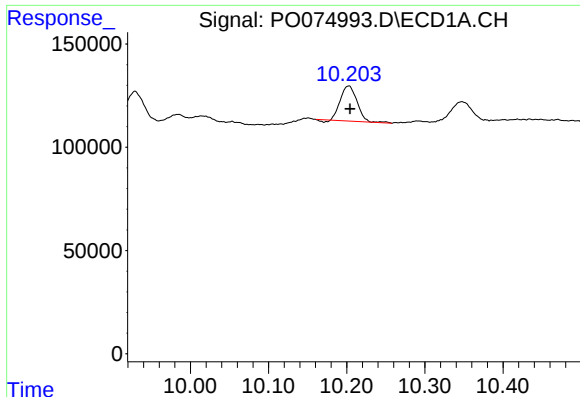
#43 AR-1268-3

R.T.: 9.761 min
Delta R.T.: -0.007 min
Response: 119407
Conc: 8.41 ng/ml



#43 AR-1268-3

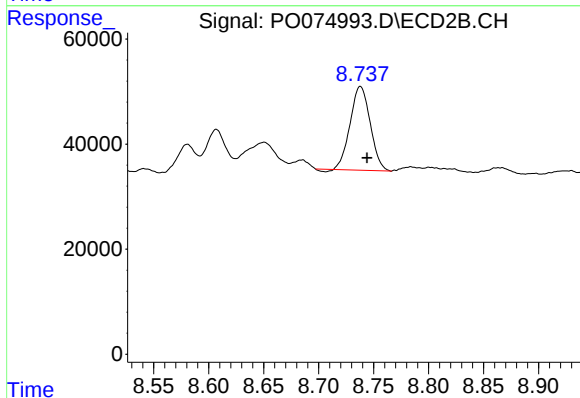
R.T.: 8.450 min
Delta R.T.: -0.007 min
Response: 32648
Conc: 3.93 ng/ml



#44 AR-1268-4

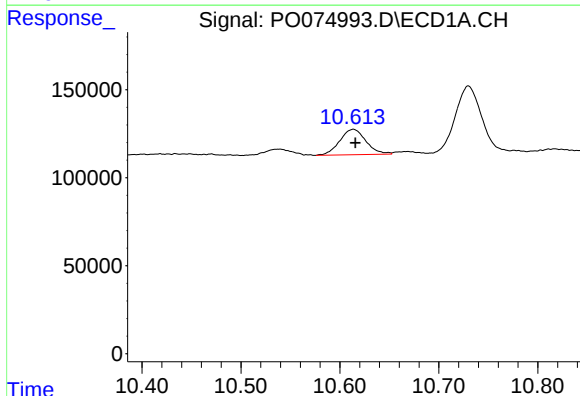
R.T.: 10.203 min
Delta R.T.: -0.002 min
Response: 248711
Conc: 42.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



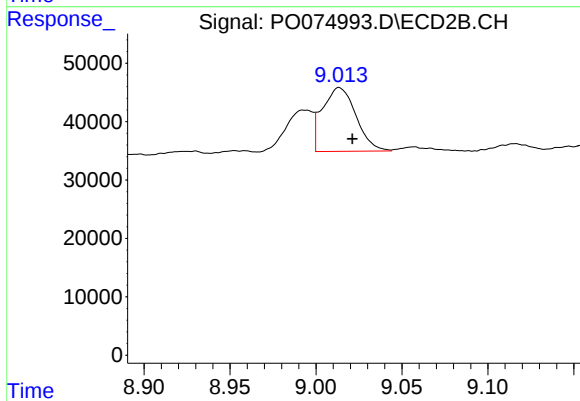
#44 AR-1268-4

R.T.: 8.738 min
Delta R.T.: -0.006 min
Response: 201462
Conc: 58.07 ng/ml



#45 AR-1268-5

R.T.: 10.614 min
Delta R.T.: -0.002 min
Response: 264956
Conc: 6.34 ng/ml



#45 AR-1268-5

R.T.: 9.014 min
Delta R.T.: -0.008 min
Response: 148113
Conc: 6.26 ng/ml