

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120718\
 Data File : PO052359.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Dec 2018 2:50
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 04:35:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 04 03:10:39 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.270	3.289	55611357	14651896	64.595	65.695
2)	SA Decachlor...	9.835	7.980	26152296	11743647	52.258	56.332
Target Compounds							
3)	L1 AR-1016-1	5.448	4.304	19125465	7891237	836.219	1100.201 #
4)	L1 AR-1016-2	5.448	4.304	19125465	7891237	549.502	602.270
5)	L1 AR-1016-3	5.509	4.466	6235330	3567398	300.118	624.152 #
6)	L1 AR-1016-4	5.607	4.509	8567551	3007683	513.982	584.892
7)	L1 AR-1016-5	5.898	4.705	9822075	3975181	613.934	575.076
8)	L2 AR-1221-1	4.478	3.487	1397865	378200	181.806	201.111
9)	L2 AR-1221-2	4.567	3.565	2138806	606687	381.471	372.454
10)	L2 AR-1221-3	4.641	3.634	7657092	2243477	433.440	456.683
11)	L3 AR-1232-1	4.641	3.634	7657092	2243477	520.649	529.261
12)	L3 AR-1232-2	5.162	4.304	10928195	7891237	1476.498	1406.907
13)	L3 AR-1232-3	5.448	4.466	19125465	3567398	1248.716	1471.994
14)	L3 AR-1232-4	5.607	4.546	8567551	3505327	1189.916	1650.144 #
15)	L3 AR-1232-5	5.695	4.705	8702785	3975181	1859.600	1585.853
16)	L4 AR-1242-1	5.448	4.304	19125465	7891237	1035.802	1426.273 #
17)	L4 AR-1242-2	5.448	4.304	19125465	7891237	696.170	749.961
18)	L4 AR-1242-3	5.509	4.466	6235330	3567398	394.602	747.576 #
19)	L4 AR-1242-4	5.607	4.546	8567551	3505327	635.140	766.923
20)	L4 AR-1242-5	6.336	5.034	2943436	4615592	208.744	722.923 #
21)	L5 AR-1248-1	5.448	4.304	19125465	7891237	1443.509	1756.488
22)	L5 AR-1248-2	5.695	4.509	8702785	3007683	465.861	459.542
23)	L5 AR-1248-3	5.898	4.546	9822075	3505327	465.631	539.528
24)	L5 AR-1248-4	6.298	4.705	3705025	3975181	161.377	481.676 #
25)	L5 AR-1248-5	6.336	5.073	2943436	1163276	132.623	143.302
26)	L6 AR-1254-1	6.298	5.034	3705025	4615592	143.390	330.728 #
27)	L6 AR-1254-2	6.485	5.175	8218548	3567154	206.008	283.588 #
28)	L6 AR-1254-3	6.851	5.567	4970506	5366812	118.426	273.711 #
29)	L6 AR-1254-4	7.133	5.804	4394872	1721497	153.477	152.056
30)	L6 AR-1254-5	7.580	6.171	3213621	9579172	109.135	568.380 #
31)	L7 AR-1260-1	7.011	5.676	17409604	7270281	589.834	519.979
32)	L7 AR-1260-2	7.266	5.861	19160548	8610967	543.906	515.766
33)	L7 AR-1260-3	7.621	6.002	12567081	3437540	519.569	217.063 #
34)	L7 AR-1260-4	7.847	6.454	12949171	5306491	529.222	508.398
35)	L7 AR-1260-5	8.155	6.694	25037516	12418917	509.571	513.610
36)	L8 AR-1262-1	7.621	6.208	12567081	6464543	308.625	353.145
37)	L8 AR-1262-2	8.155	6.694	25037516	12418917	385.986	429.427
38)	L8 AR-1262-3	8.467	6.964	13279499	2529068	320.555	215.028 #
39)	L8 AR-1262-4	8.515	7.026	8697812	8921691	261.798	426.288 #
40)	L8 AR-1262-5	9.151	0.000	604076	0	28.812	N.D. #
41)	L9 AR-1268-1	8.467	6.964	13279499	2529068	142.396	64.002 #

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

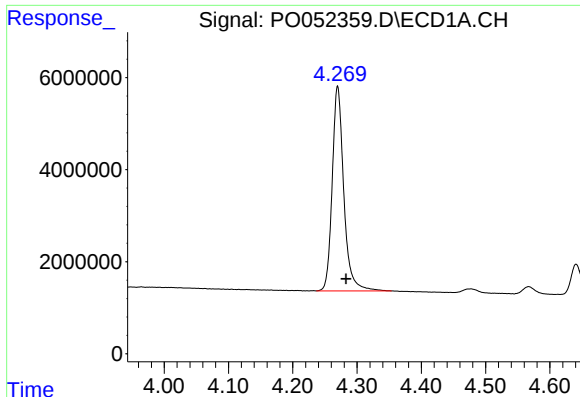
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 04:35:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120318.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	8.515	7.026	8697812	8921691	105.446	237.934 #
43) L9	AR-1268-3	0.000	7.281	0	80442	N.D.	2.462 #
44) L9	AR-1268-4	9.151	0.000	604076	0	23.215	N.D. #
45) L9	AR-1268-5	9.532	0.000	1160954	0	5.655	N.D. #

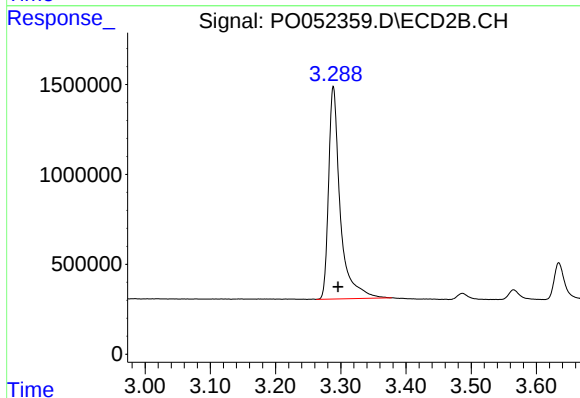
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

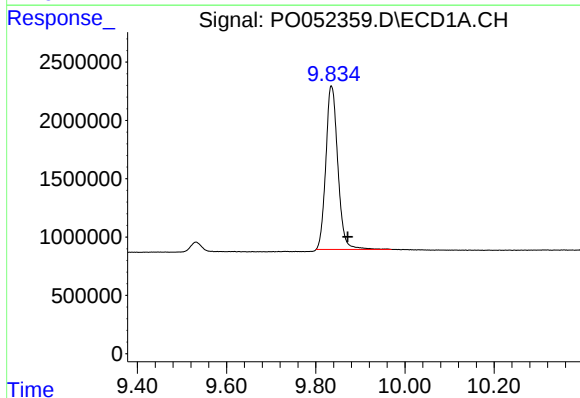
R.T.: 4.270 min
Delta R.T.: -0.013 min
Response: 55611357
Conc: 64.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



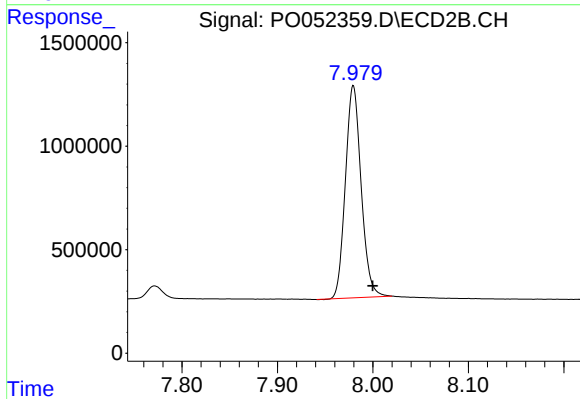
#1 Tetrachloro-m-xylene

R.T.: 3.289 min
Delta R.T.: -0.007 min
Response: 14651896
Conc: 65.69 ng/ml



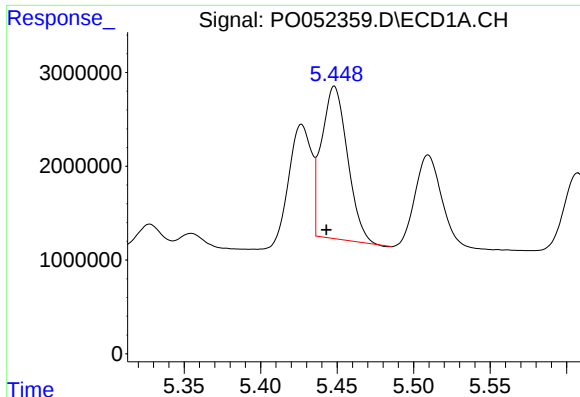
#2 Decachlorobiphenyl

R.T.: 9.835 min
Delta R.T.: -0.037 min
Response: 26152296
Conc: 52.26 ng/ml



#2 Decachlorobiphenyl

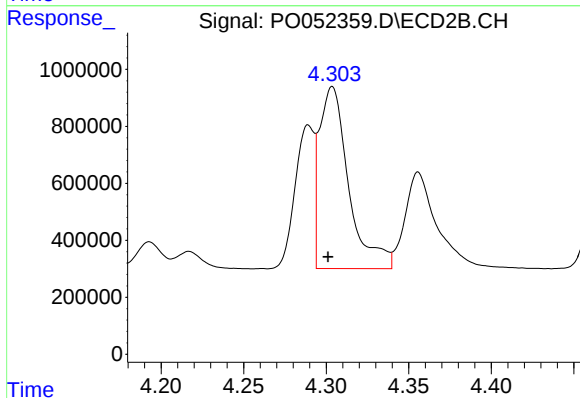
R.T.: 7.980 min
Delta R.T.: -0.020 min
Response: 11743647
Conc: 56.33 ng/ml



#3 AR-1016-1

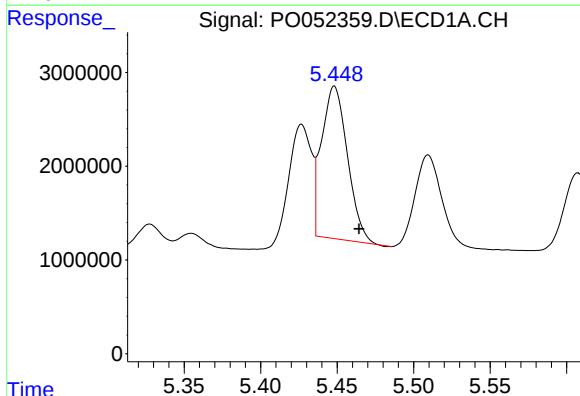
R.T.: 5.448 min
Delta R.T.: 0.005 min
Response: 19125465
Conc: 836.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



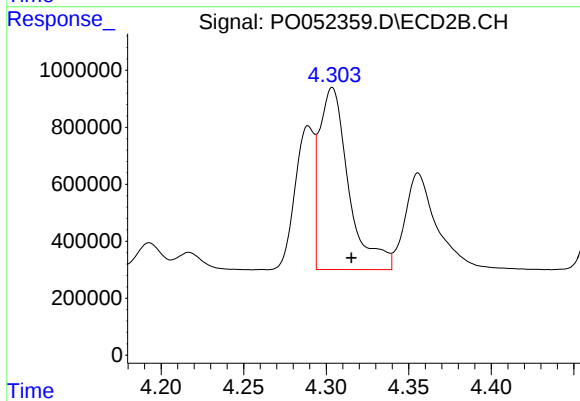
#3 AR-1016-1

R.T.: 4.304 min
Delta R.T.: 0.003 min
Response: 7891237
Conc: 1100.20 ng/ml



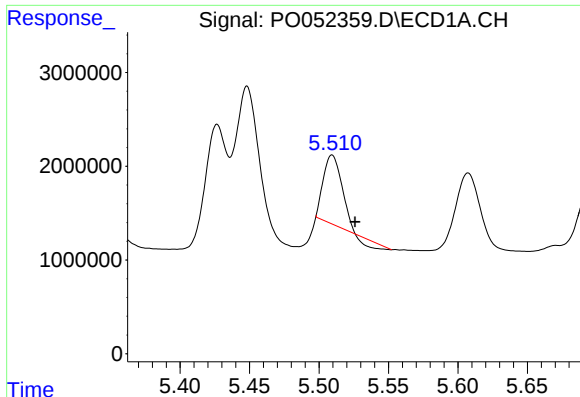
#4 AR-1016-2

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 19125465
Conc: 549.50 ng/ml



#4 AR-1016-2

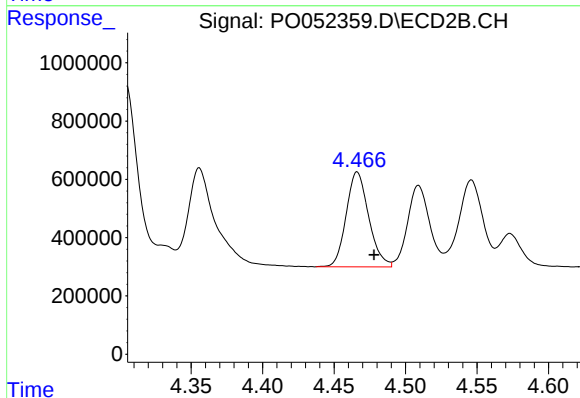
R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 7891237
Conc: 602.27 ng/ml



#5 AR-1016-3

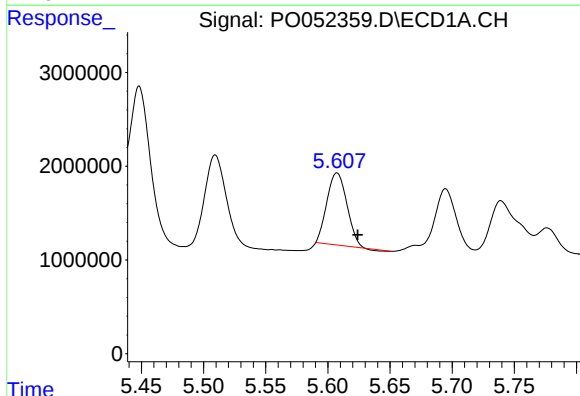
R.T.: 5.509 min
Delta R.T.: -0.017 min
Response: 6235330
Conc: 300.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



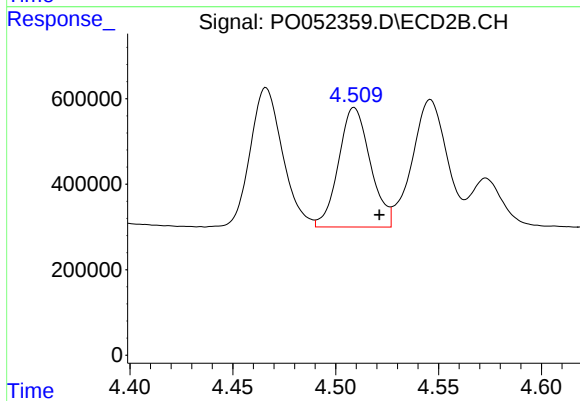
#5 AR-1016-3

R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 3567398
Conc: 624.15 ng/ml



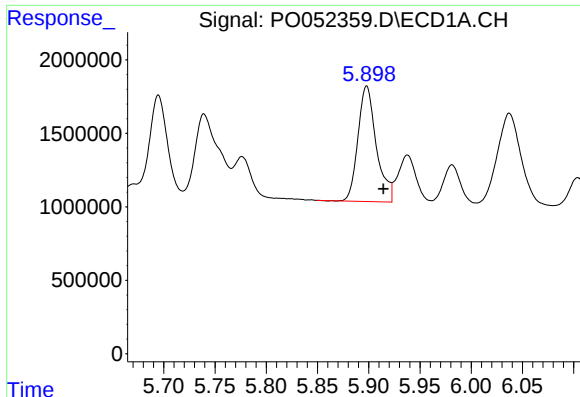
#6 AR-1016-4

R.T.: 5.607 min
Delta R.T.: -0.017 min
Response: 8567551
Conc: 513.98 ng/ml



#6 AR-1016-4

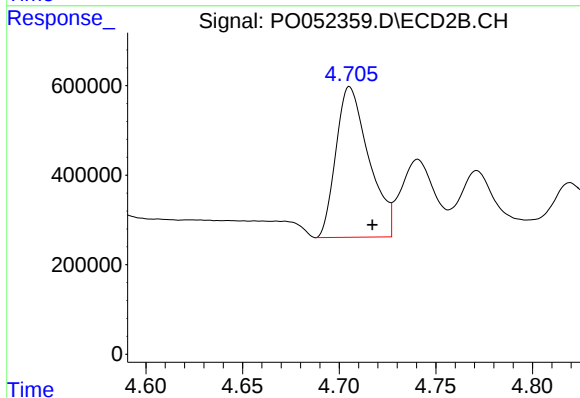
R.T.: 4.509 min
Delta R.T.: -0.012 min
Response: 3007683
Conc: 584.89 ng/ml



#7 AR-1016-5

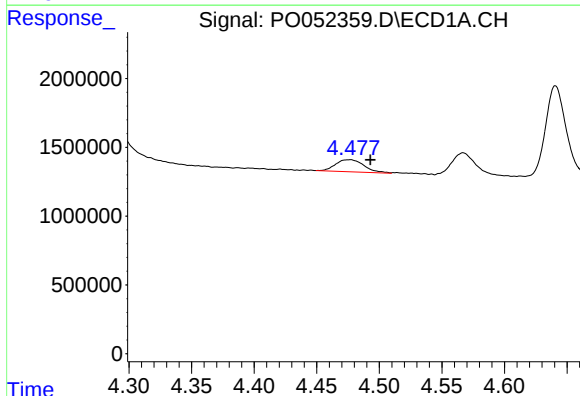
R.T.: 5.898 min
Delta R.T.: -0.016 min
Response: 9822075
Conc: 613.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



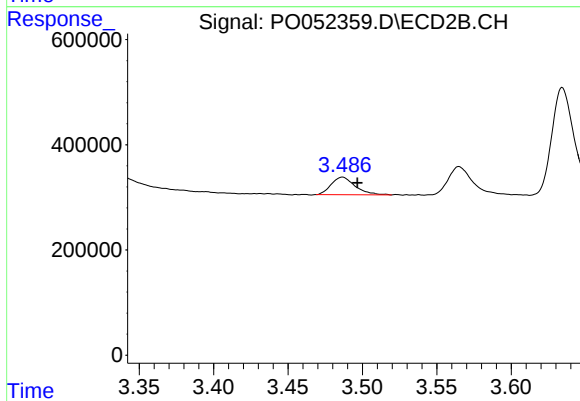
#7 AR-1016-5

R.T.: 4.705 min
Delta R.T.: -0.012 min
Response: 3975181
Conc: 575.08 ng/ml



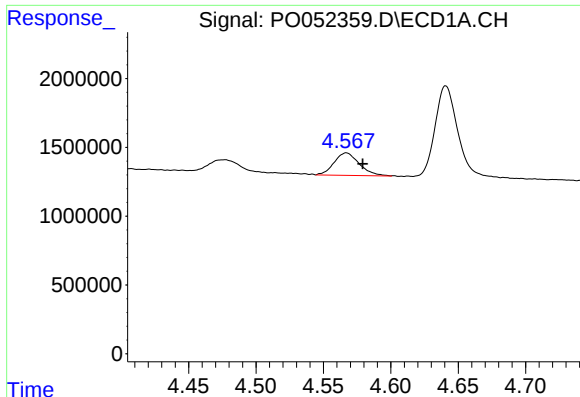
#8 AR-1221-1

R.T.: 4.478 min
Delta R.T.: -0.015 min
Response: 1397865
Conc: 181.81 ng/ml



#8 AR-1221-1

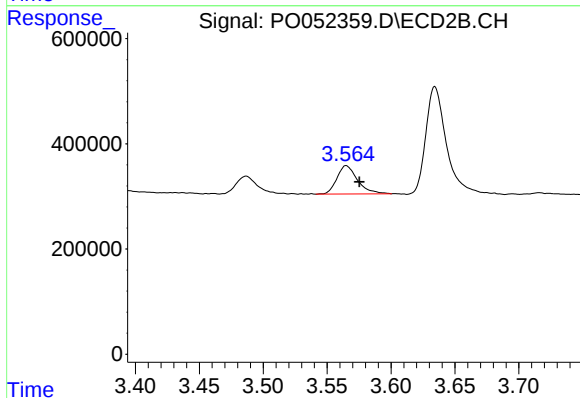
R.T.: 3.487 min
Delta R.T.: -0.010 min
Response: 378200
Conc: 201.11 ng/ml



#9 AR-1221-2

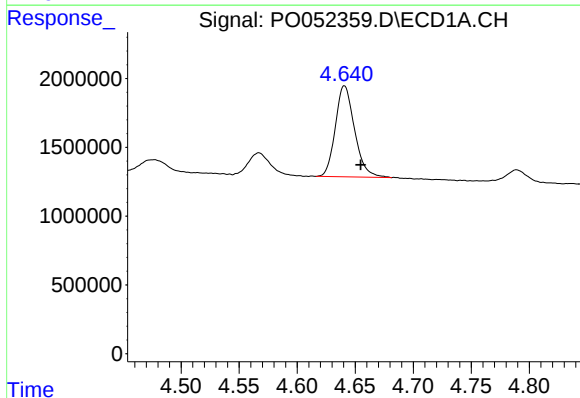
R.T.: 4.567 min
Delta R.T.: -0.012 min
Response: 2138806
Conc: 381.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



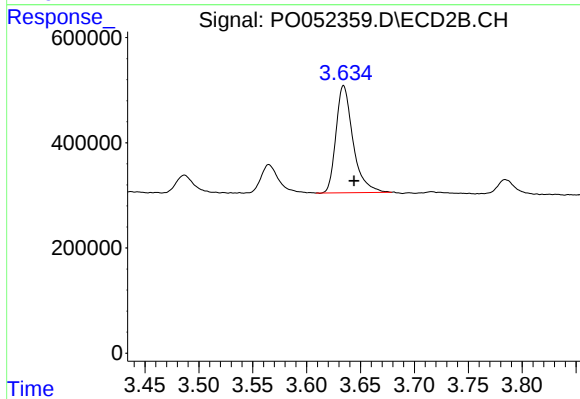
#9 AR-1221-2

R.T.: 3.565 min
Delta R.T.: -0.010 min
Response: 606687
Conc: 372.45 ng/ml



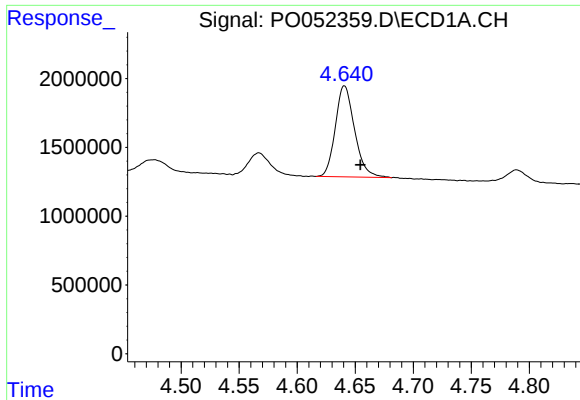
#10 AR-1221-3

R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 7657092
Conc: 433.44 ng/ml



#10 AR-1221-3

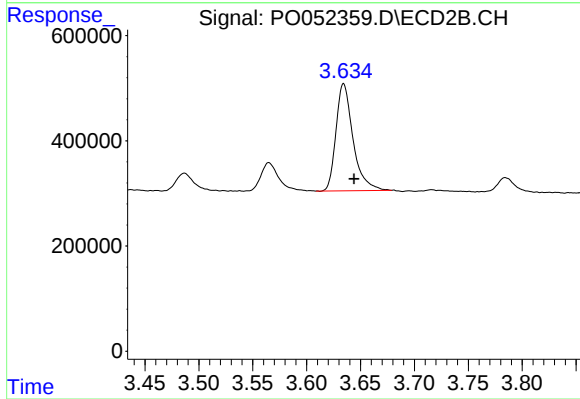
R.T.: 3.634 min
Delta R.T.: -0.010 min
Response: 2243477
Conc: 456.68 ng/ml



#11 AR-1232-1

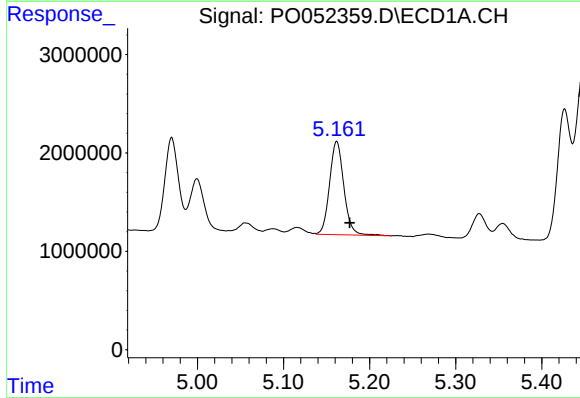
R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 7657092
Conc: 520.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



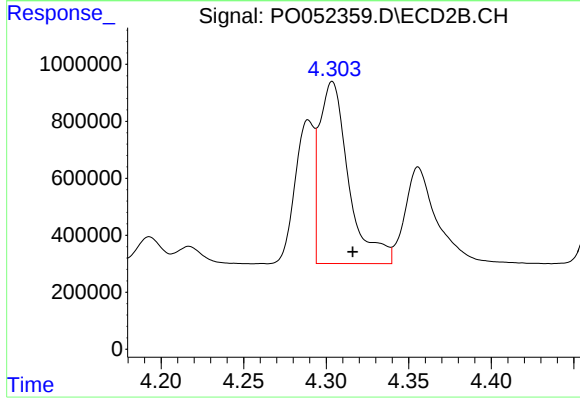
#11 AR-1232-1

R.T.: 3.634 min
Delta R.T.: -0.010 min
Response: 2243477
Conc: 529.26 ng/ml



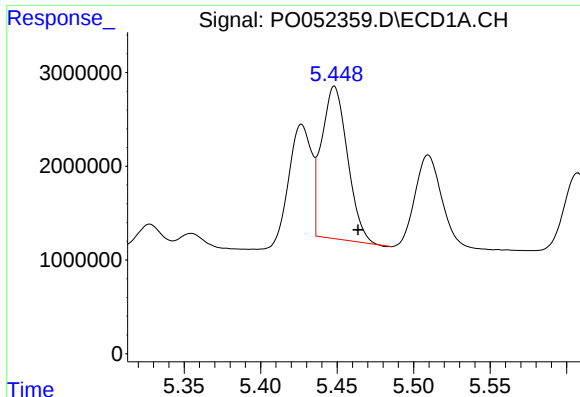
#12 AR-1232-2

R.T.: 5.162 min
Delta R.T.: -0.015 min
Response: 10928195
Conc: 1476.50 ng/ml



#12 AR-1232-2

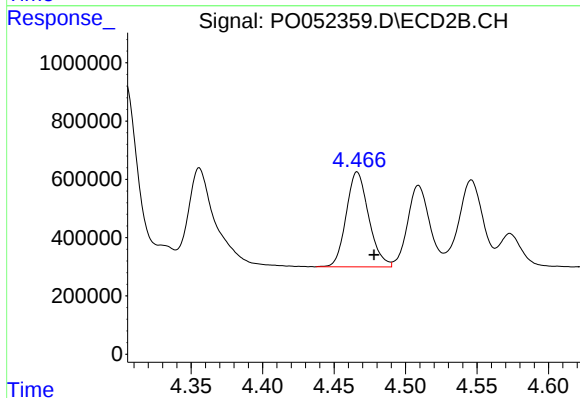
R.T.: 4.304 min
Delta R.T.: -0.012 min
Response: 7891237
Conc: 1406.91 ng/ml



#13 AR-1232-3

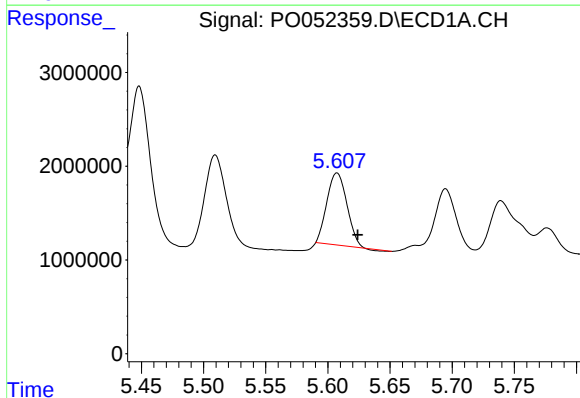
R.T.: 5.448 min
Delta R.T.: -0.015 min
Response: 19125465
Conc: 1248.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



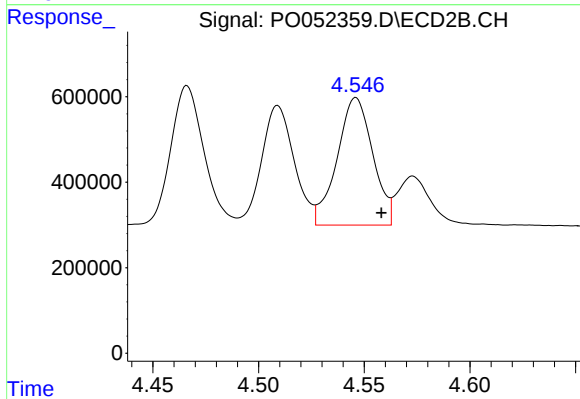
#13 AR-1232-3

R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 3567398
Conc: 1471.99 ng/ml



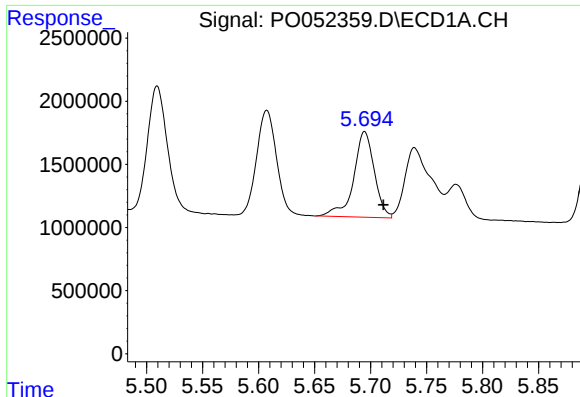
#14 AR-1232-4

R.T.: 5.607 min
Delta R.T.: -0.017 min
Response: 8567551
Conc: 1189.92 ng/ml



#14 AR-1232-4

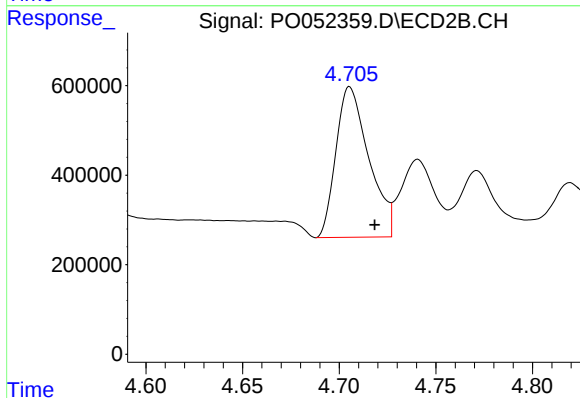
R.T.: 4.546 min
Delta R.T.: -0.012 min
Response: 3505327
Conc: 1650.14 ng/ml



#15 AR-1232-5

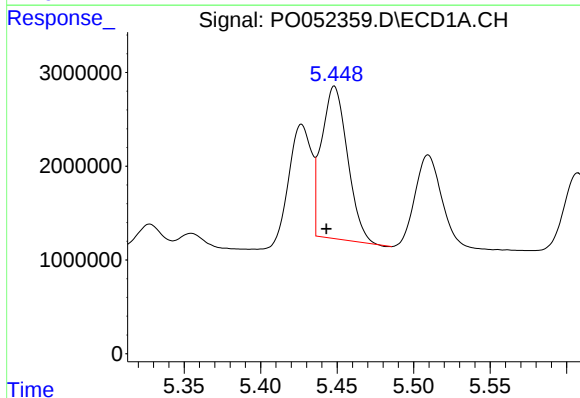
R.T.: 5.695 min
Delta R.T.: -0.017 min
Response: 8702785
Conc: 1859.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



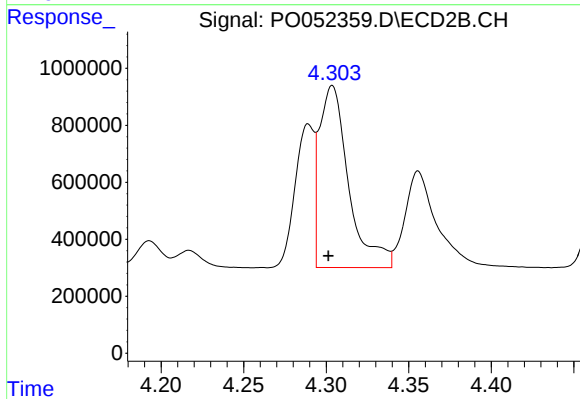
#15 AR-1232-5

R.T.: 4.705 min
Delta R.T.: -0.013 min
Response: 3975181
Conc: 1585.85 ng/ml



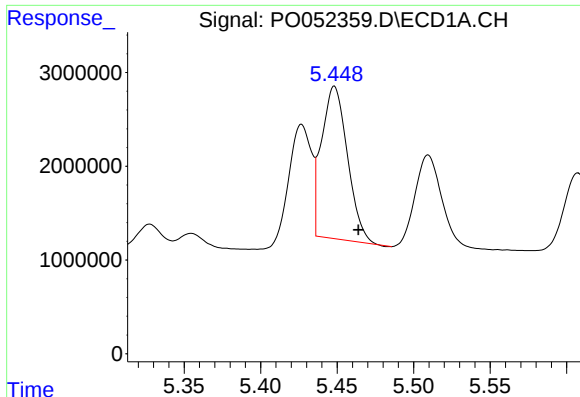
#16 AR-1242-1

R.T.: 5.448 min
Delta R.T.: 0.005 min
Response: 19125465
Conc: 1035.80 ng/ml



#16 AR-1242-1

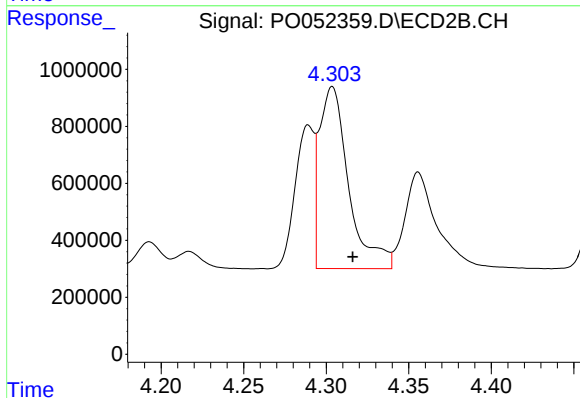
R.T.: 4.304 min
Delta R.T.: 0.002 min
Response: 7891237
Conc: 1426.27 ng/ml



#17 AR-1242-2

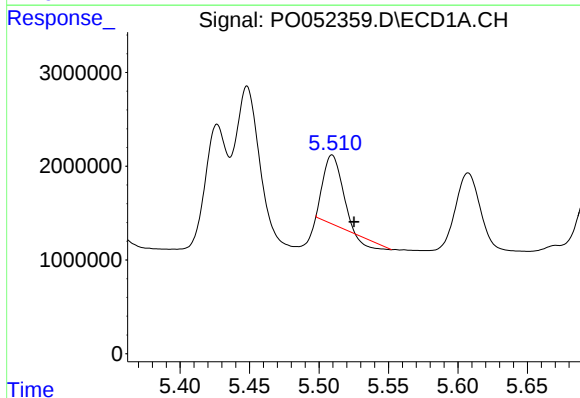
R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 19125465
Conc: 696.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



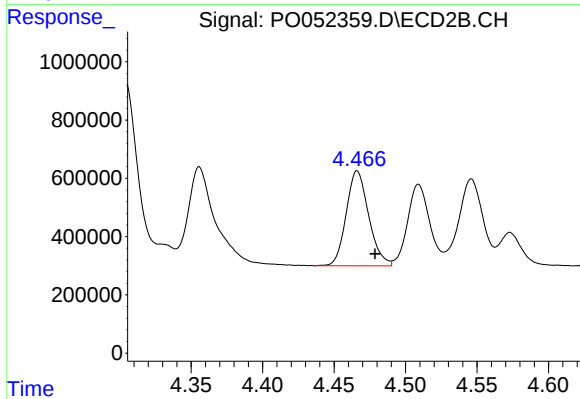
#17 AR-1242-2

R.T.: 4.304 min
Delta R.T.: -0.012 min
Response: 7891237
Conc: 749.96 ng/ml



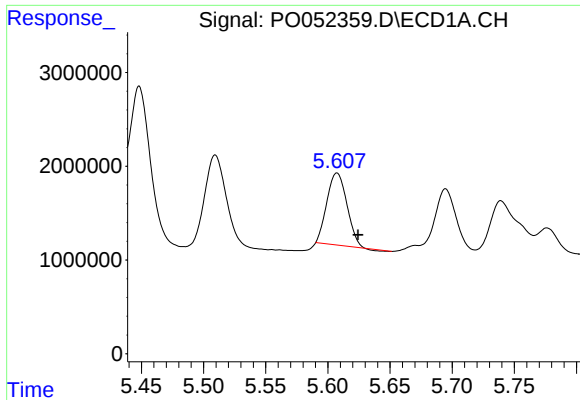
#18 AR-1242-3

R.T.: 5.509 min
Delta R.T.: -0.016 min
Response: 6235330
Conc: 394.60 ng/ml



#18 AR-1242-3

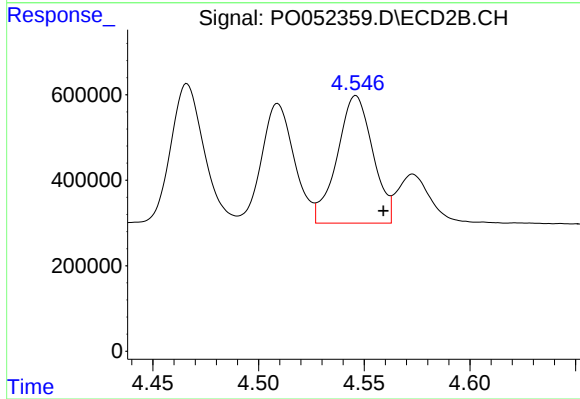
R.T.: 4.466 min
Delta R.T.: -0.013 min
Response: 3567398
Conc: 747.58 ng/ml



#19 AR-1242-4

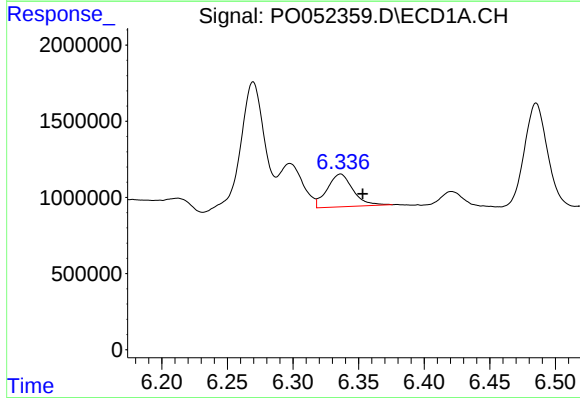
R.T.: 5.607 min
Delta R.T.: -0.017 min
Response: 8567551
Conc: 635.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



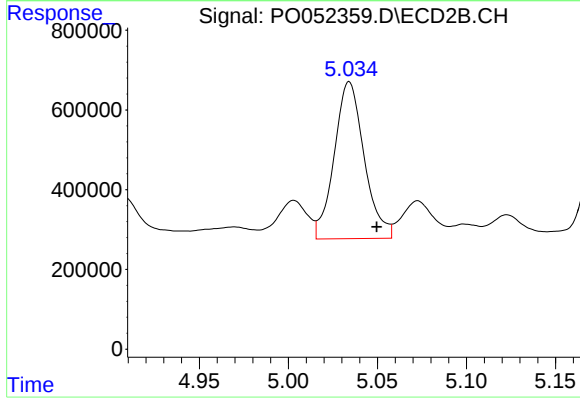
#19 AR-1242-4

R.T.: 4.546 min
Delta R.T.: -0.013 min
Response: 3505327
Conc: 766.92 ng/ml



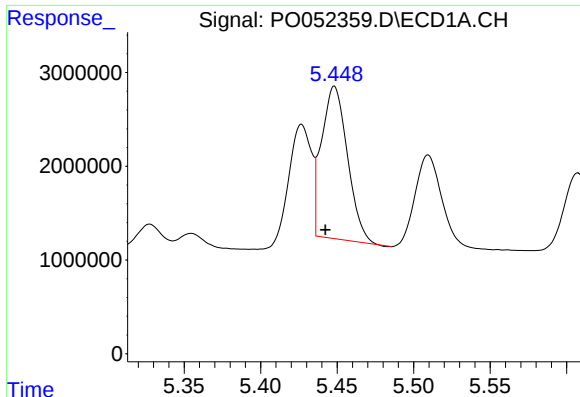
#20 AR-1242-5

R.T.: 6.336 min
Delta R.T.: -0.017 min
Response: 2943436
Conc: 208.74 ng/ml



#20 AR-1242-5

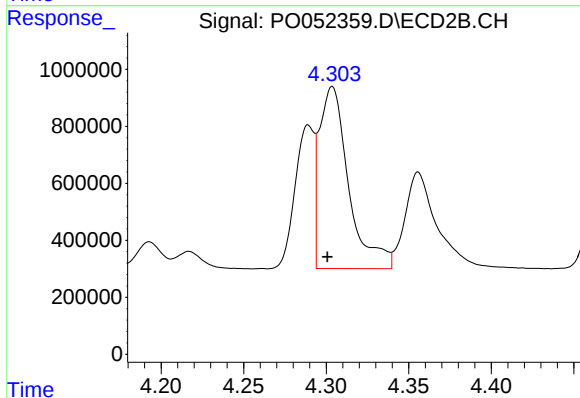
R.T.: 5.034 min
Delta R.T.: -0.015 min
Response: 4615592
Conc: 722.92 ng/ml



#21 AR-1248-1

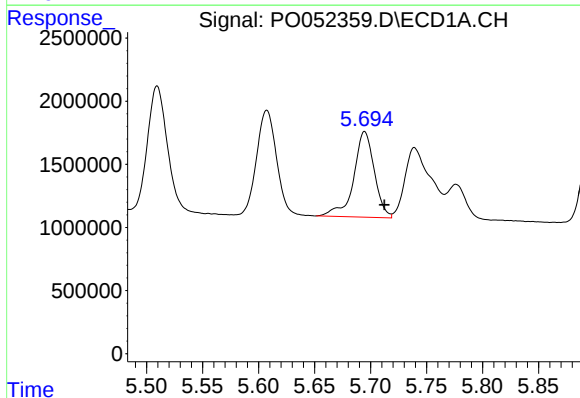
R.T.: 5.448 min
Delta R.T.: 0.006 min
Response: 19125465
Conc: 1443.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



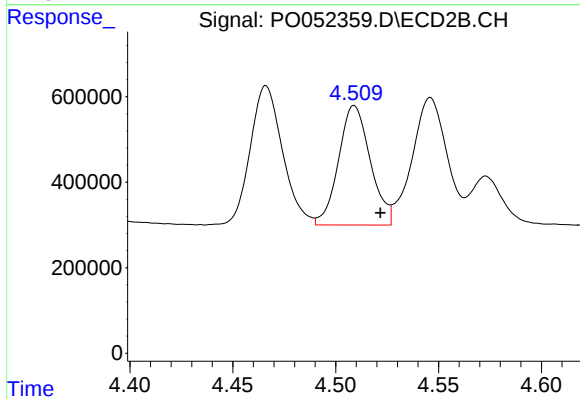
#21 AR-1248-1

R.T.: 4.304 min
Delta R.T.: 0.003 min
Response: 7891237
Conc: 1756.49 ng/ml



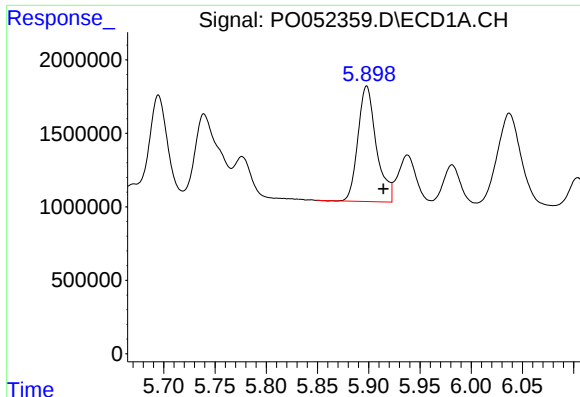
#22 AR-1248-2

R.T.: 5.695 min
Delta R.T.: -0.018 min
Response: 8702785
Conc: 465.86 ng/ml



#22 AR-1248-2

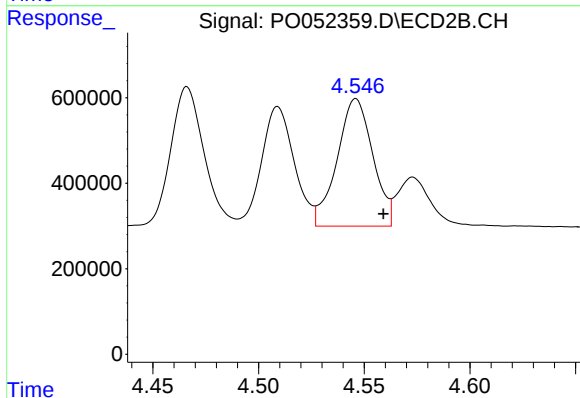
R.T.: 4.509 min
Delta R.T.: -0.013 min
Response: 3007683
Conc: 459.54 ng/ml



#23 AR-1248-3

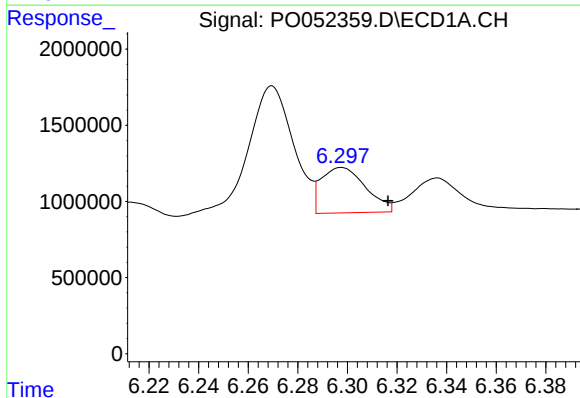
R.T.: 5.898 min
Delta R.T.: -0.016 min
Response: 9822075
Conc: 465.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



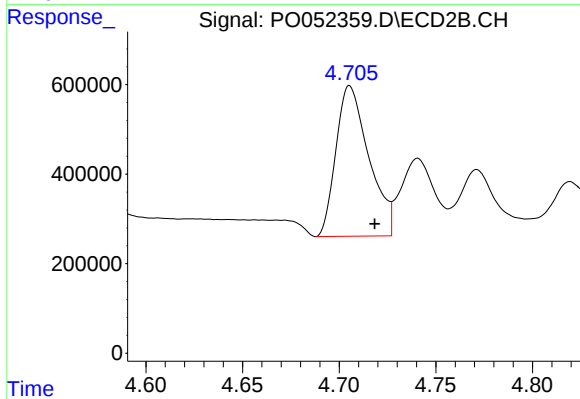
#23 AR-1248-3

R.T.: 4.546 min
Delta R.T.: -0.013 min
Response: 3505327
Conc: 539.53 ng/ml



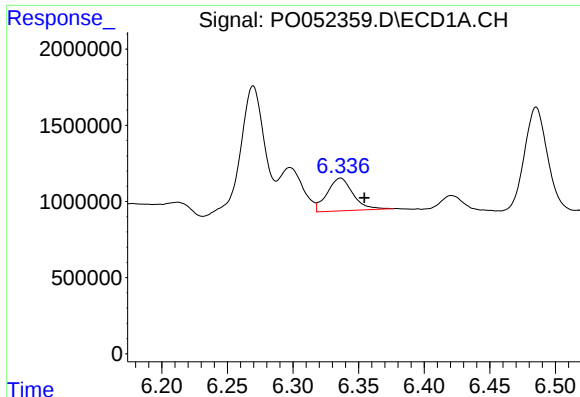
#24 AR-1248-4

R.T.: 6.298 min
Delta R.T.: -0.019 min
Response: 3705025
Conc: 161.38 ng/ml



#24 AR-1248-4

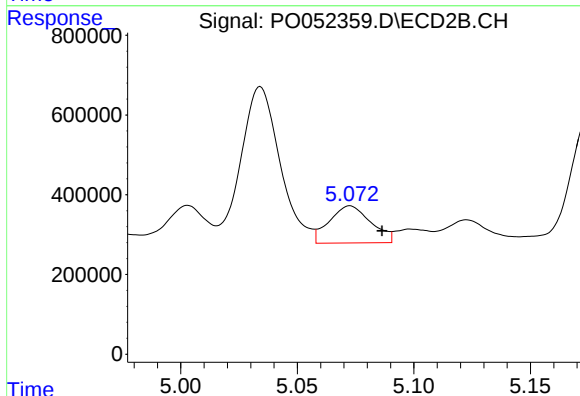
R.T.: 4.705 min
Delta R.T.: -0.013 min
Response: 3975181
Conc: 481.68 ng/ml



#25 AR-1248-5

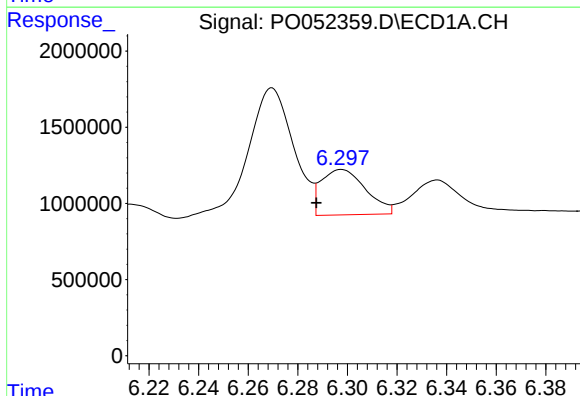
R.T.: 6.336 min
Delta R.T.: -0.018 min
Response: 2943436
Conc: 132.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



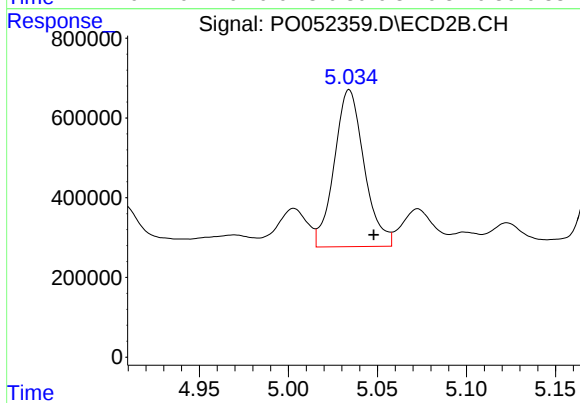
#25 AR-1248-5

R.T.: 5.073 min
Delta R.T.: -0.014 min
Response: 1163276
Conc: 143.30 ng/ml



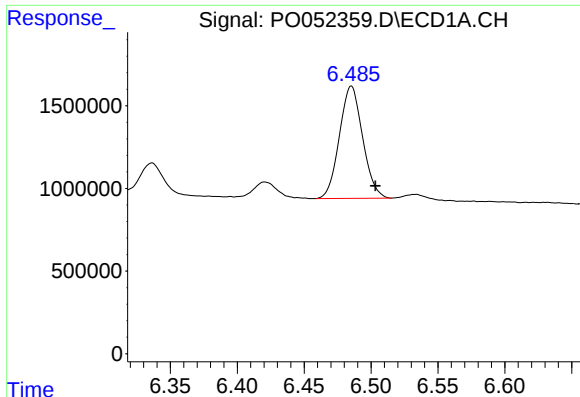
#26 AR-1254-1

R.T.: 6.298 min
Delta R.T.: 0.010 min
Response: 3705025
Conc: 143.39 ng/ml



#26 AR-1254-1

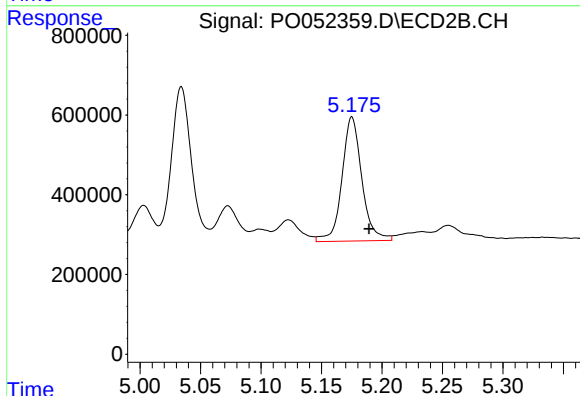
R.T.: 5.034 min
Delta R.T.: -0.014 min
Response: 4615592
Conc: 330.73 ng/ml



#27 AR-1254-2

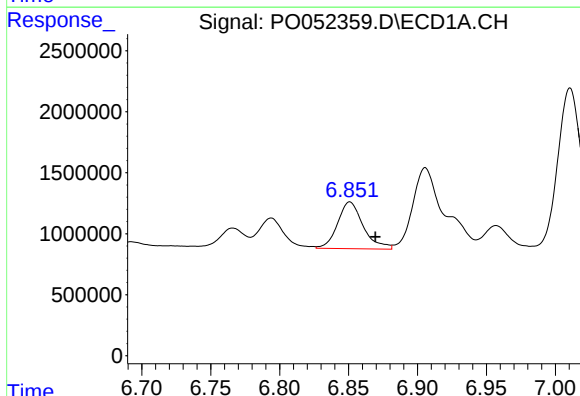
R.T.: 6.485 min
Delta R.T.: -0.018 min
Response: 8218548
Conc: 206.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



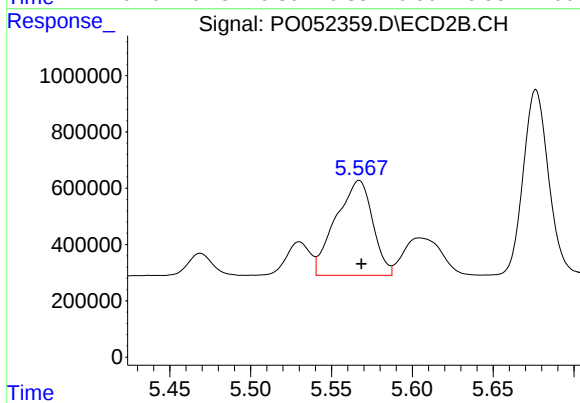
#27 AR-1254-2

R.T.: 5.175 min
Delta R.T.: -0.014 min
Response: 3567154
Conc: 283.59 ng/ml



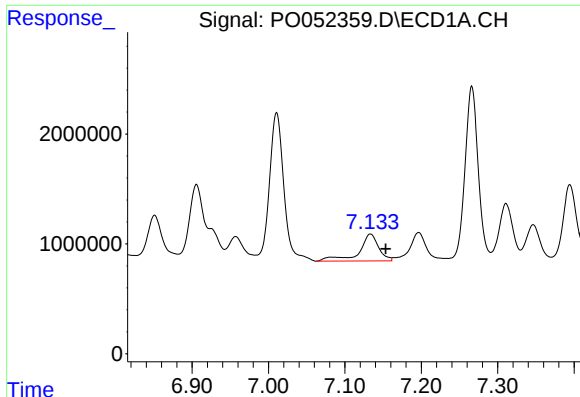
#28 AR-1254-3

R.T.: 6.851 min
Delta R.T.: -0.019 min
Response: 4970506
Conc: 118.43 ng/ml



#28 AR-1254-3

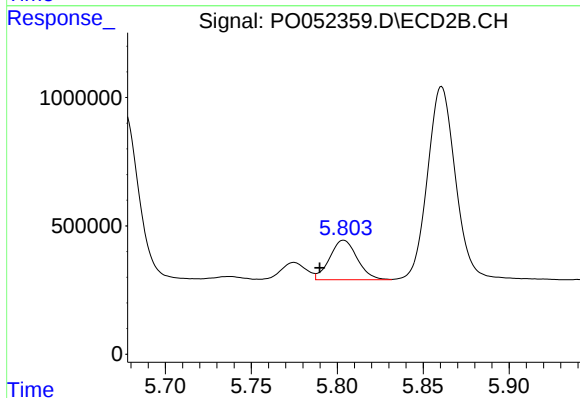
R.T.: 5.567 min
Delta R.T.: -0.002 min
Response: 5366812
Conc: 273.71 ng/ml



#29 AR-1254-4

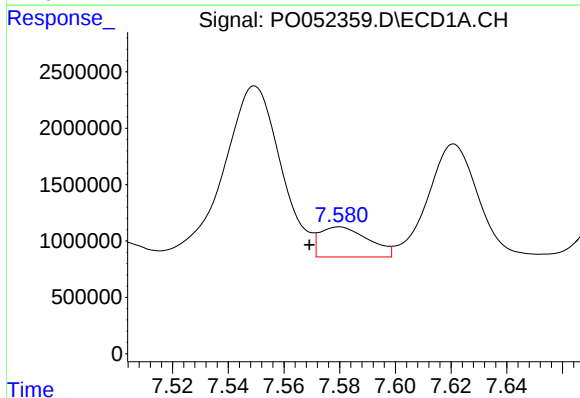
R.T.: 7.133 min
Delta R.T.: -0.020 min
Response: 4394872
Conc: 153.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



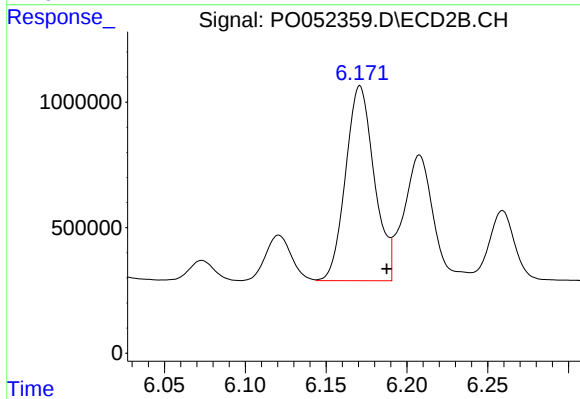
#29 AR-1254-4

R.T.: 5.804 min
Delta R.T.: 0.014 min
Response: 1721497
Conc: 152.06 ng/ml



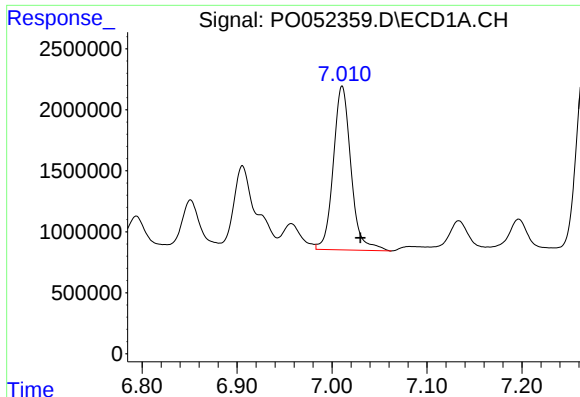
#30 AR-1254-5

R.T.: 7.580 min
Delta R.T.: 0.011 min
Response: 3213621
Conc: 109.14 ng/ml



#30 AR-1254-5

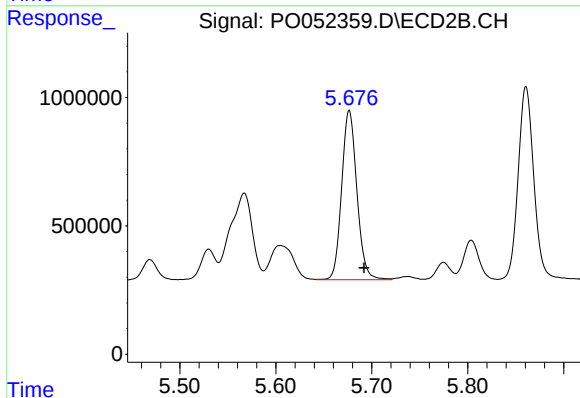
R.T.: 6.171 min
Delta R.T.: -0.016 min
Response: 9579172
Conc: 568.38 ng/ml



#31 AR-1260-1

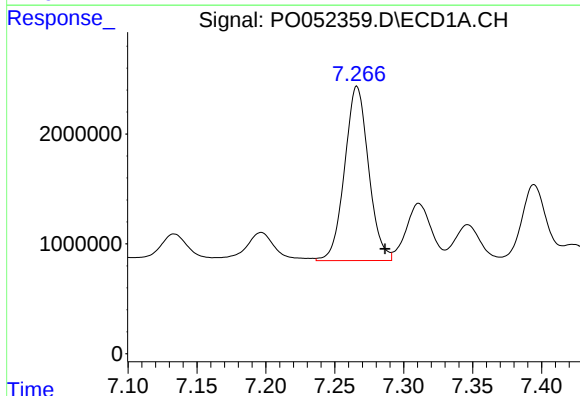
R.T.: 7.011 min
Delta R.T.: -0.019 min
Response: 17409604
Conc: 589.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



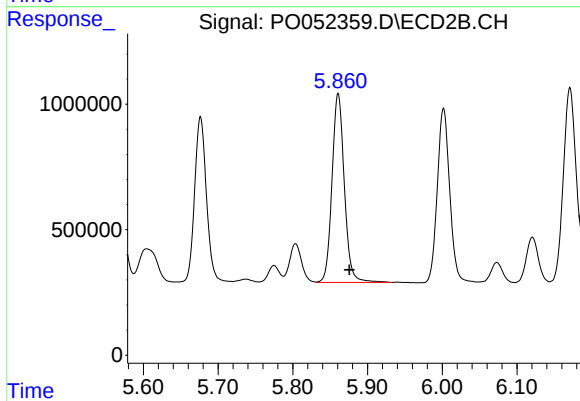
#31 AR-1260-1

R.T.: 5.676 min
Delta R.T.: -0.016 min
Response: 7270281
Conc: 519.98 ng/ml



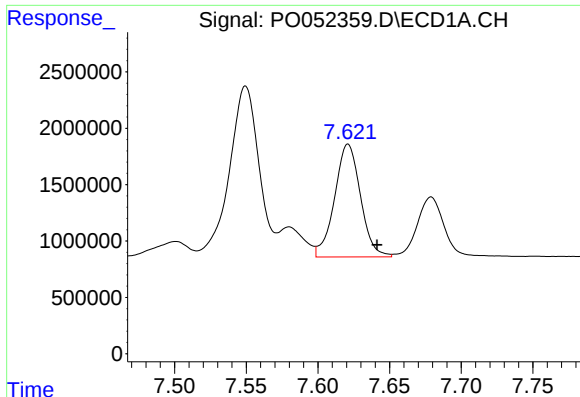
#32 AR-1260-2

R.T.: 7.266 min
Delta R.T.: -0.020 min
Response: 19160548
Conc: 543.91 ng/ml



#32 AR-1260-2

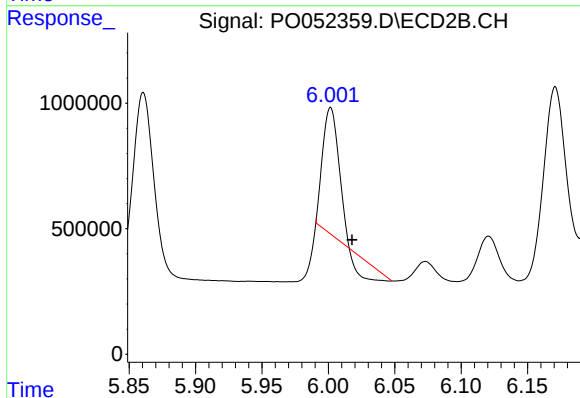
R.T.: 5.861 min
Delta R.T.: -0.015 min
Response: 8610967
Conc: 515.77 ng/ml



#33 AR-1260-3

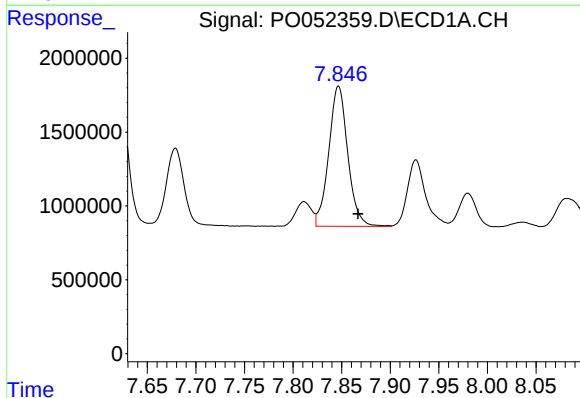
R.T.: 7.621 min
Delta R.T.: -0.020 min
Response: 12567081
Conc: 519.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



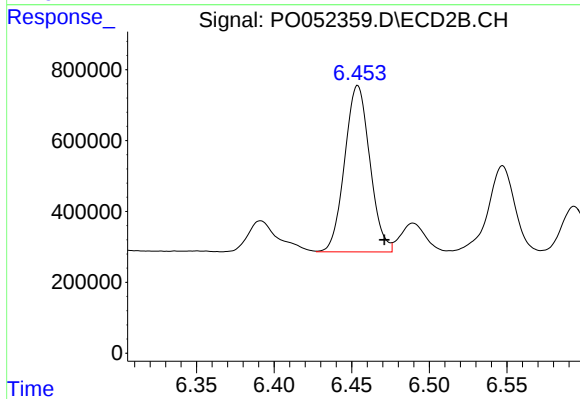
#33 AR-1260-3

R.T.: 6.002 min
Delta R.T.: -0.016 min
Response: 3437540
Conc: 217.06 ng/ml



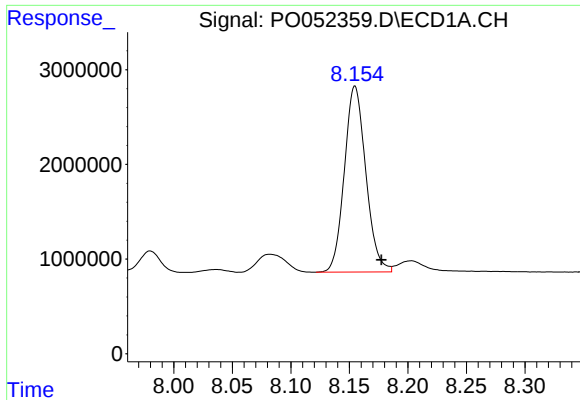
#34 AR-1260-4

R.T.: 7.847 min
Delta R.T.: -0.020 min
Response: 12949171
Conc: 529.22 ng/ml



#34 AR-1260-4

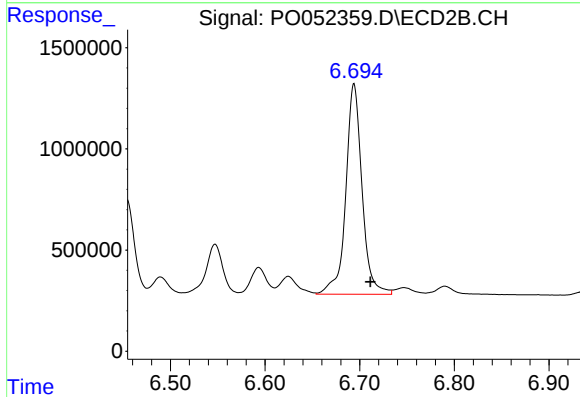
R.T.: 6.454 min
Delta R.T.: -0.017 min
Response: 5306491
Conc: 508.40 ng/ml



#35 AR-1260-5

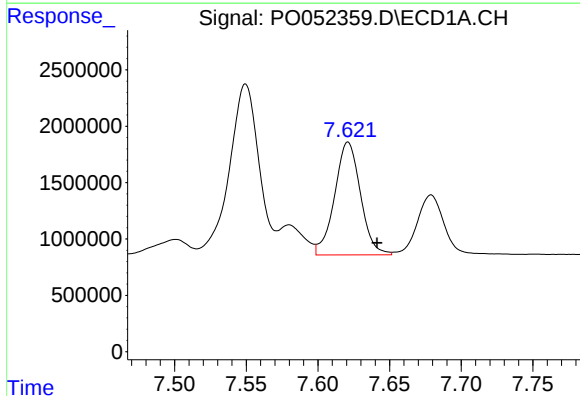
R.T.: 8.155 min
Delta R.T.: -0.023 min
Response: 25037516
Conc: 509.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



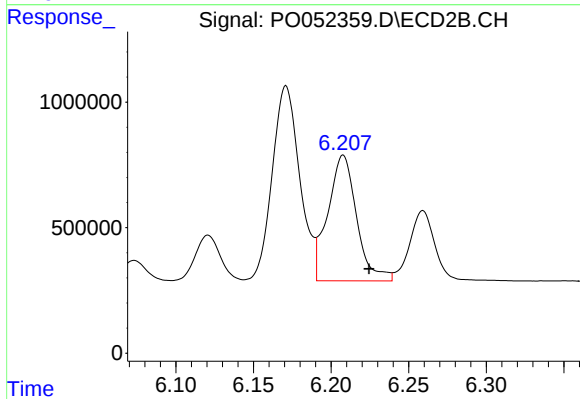
#35 AR-1260-5

R.T.: 6.694 min
Delta R.T.: -0.017 min
Response: 12418917
Conc: 513.61 ng/ml



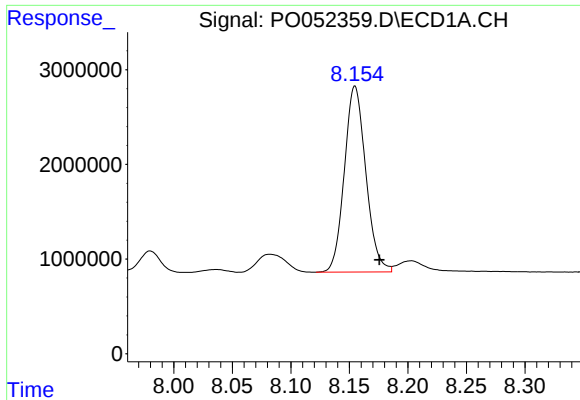
#36 AR-1262-1

R.T.: 7.621 min
Delta R.T.: -0.020 min
Response: 12567081
Conc: 308.62 ng/ml



#36 AR-1262-1

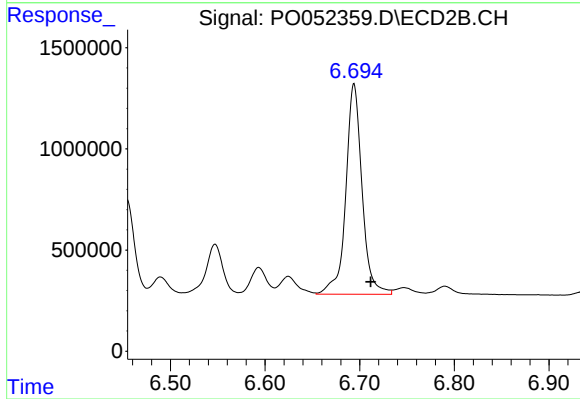
R.T.: 6.208 min
Delta R.T.: -0.017 min
Response: 6464543
Conc: 353.15 ng/ml



#37 AR-1262-2

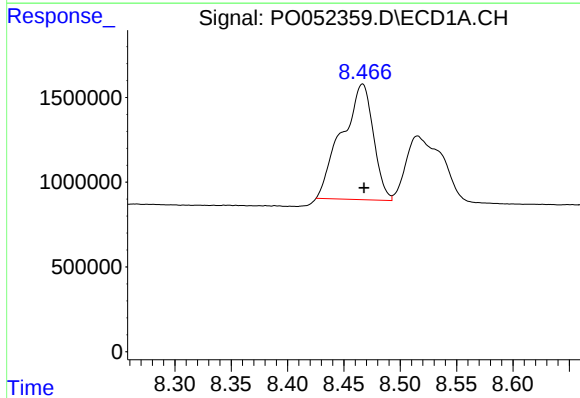
R.T.: 8.155 min
Delta R.T.: -0.021 min
Response: 25037516
Conc: 385.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



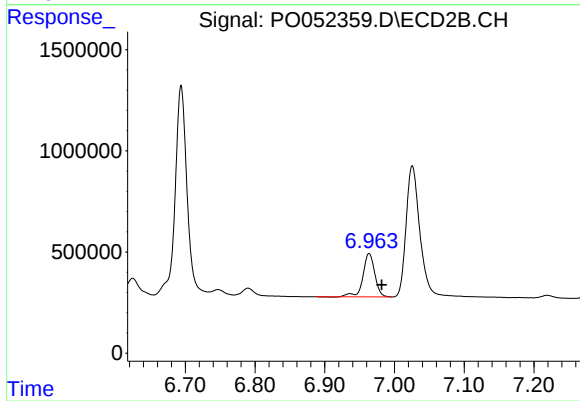
#37 AR-1262-2

R.T.: 6.694 min
Delta R.T.: -0.017 min
Response: 12418917
Conc: 429.43 ng/ml



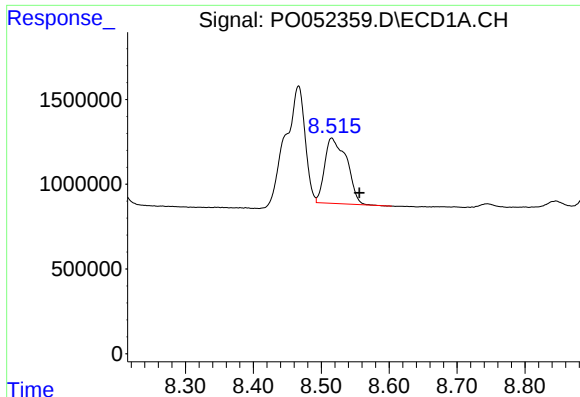
#38 AR-1262-3

R.T.: 8.467 min
Delta R.T.: -0.001 min
Response: 13279499
Conc: 320.56 ng/ml



#38 AR-1262-3

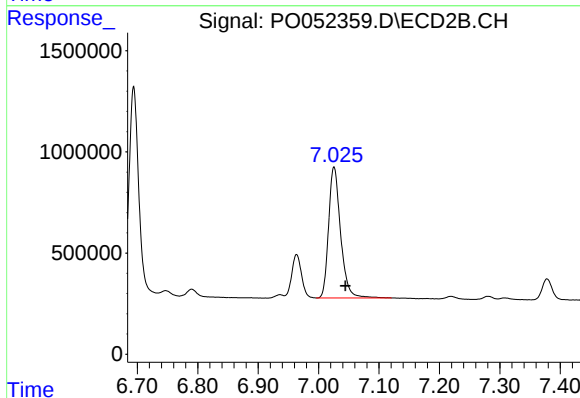
R.T.: 6.964 min
Delta R.T.: -0.018 min
Response: 2529068
Conc: 215.03 ng/ml



#39 AR-1262-4

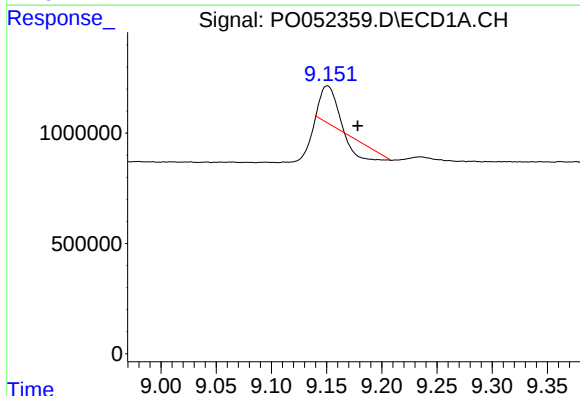
R.T.: 8.515 min
Delta R.T.: -0.041 min
Response: 8697812
Conc: 261.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



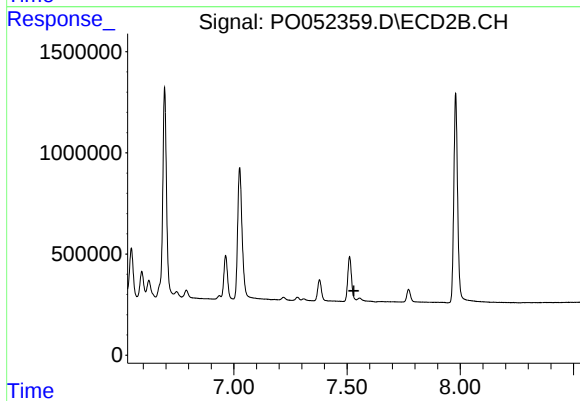
#39 AR-1262-4

R.T.: 7.026 min
Delta R.T.: -0.018 min
Response: 8921691
Conc: 426.29 ng/ml



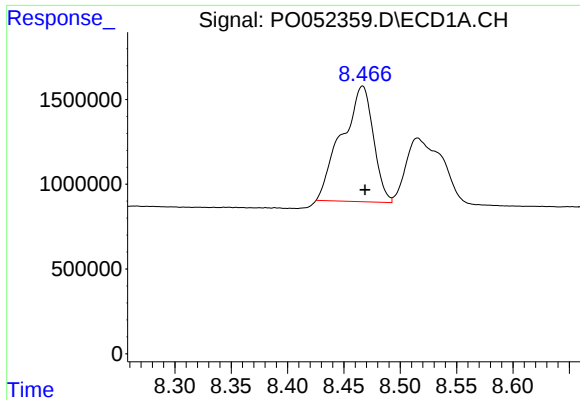
#40 AR-1262-5

R.T.: 9.151 min
Delta R.T.: -0.028 min
Response: 604076
Conc: 28.81 ng/ml



#40 AR-1262-5

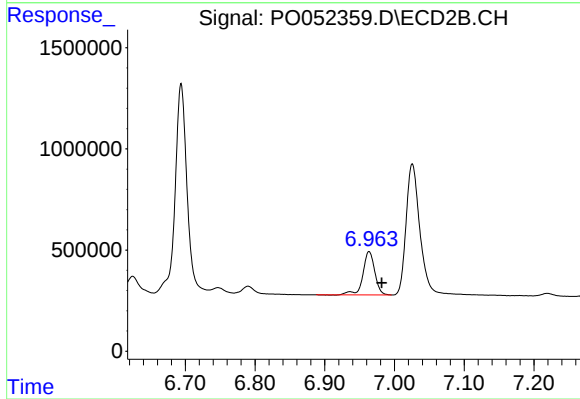
R.T.: 0.000 min
Exp R.T. : 7.530 min
Response: 0
Conc: N.D.



#41 AR-1268-1

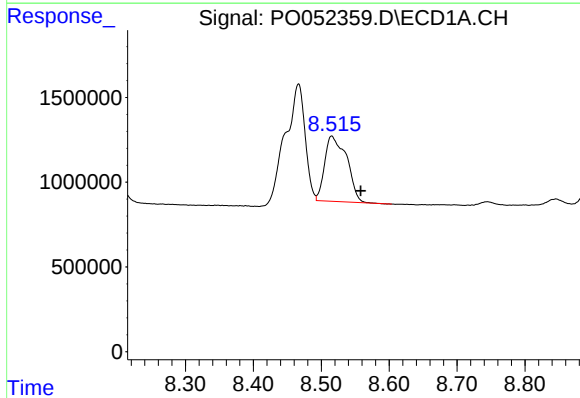
R.T.: 8.467 min
Delta R.T.: -0.002 min
Response: 13279499
Conc: 142.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



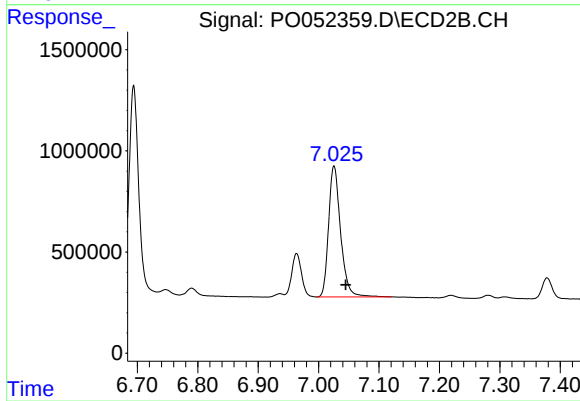
#41 AR-1268-1

R.T.: 6.964 min
Delta R.T.: -0.018 min
Response: 2529068
Conc: 64.00 ng/ml



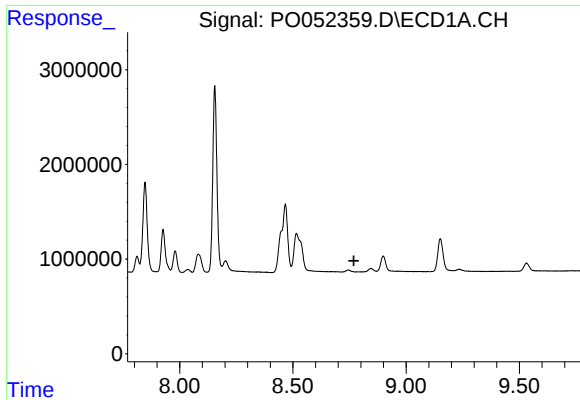
#42 AR-1268-2

R.T.: 8.515 min
Delta R.T.: -0.043 min
Response: 8697812
Conc: 105.45 ng/ml



#42 AR-1268-2

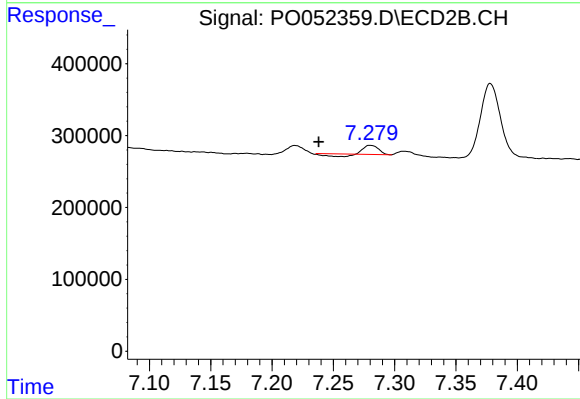
R.T.: 7.026 min
Delta R.T.: -0.019 min
Response: 8921691
Conc: 237.93 ng/ml



#43 AR-1268-3

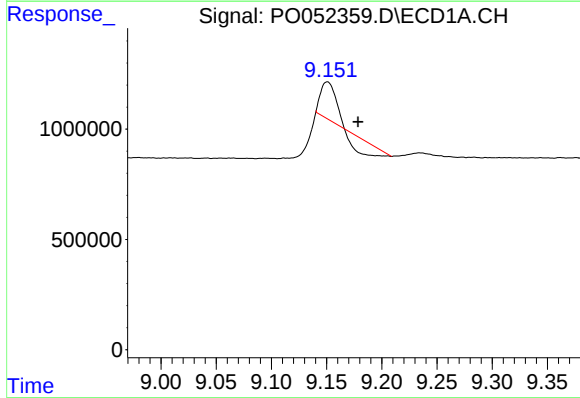
R.T.: 0.000 min
Exp R.T.: 8.769 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



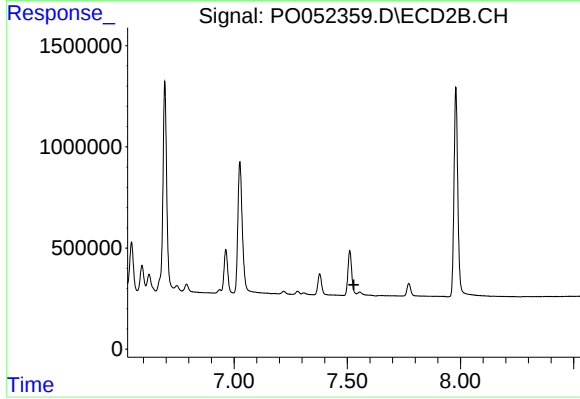
#43 AR-1268-3

R.T.: 7.281 min
Delta R.T.: 0.043 min
Response: 80442
Conc: 2.46 ng/ml



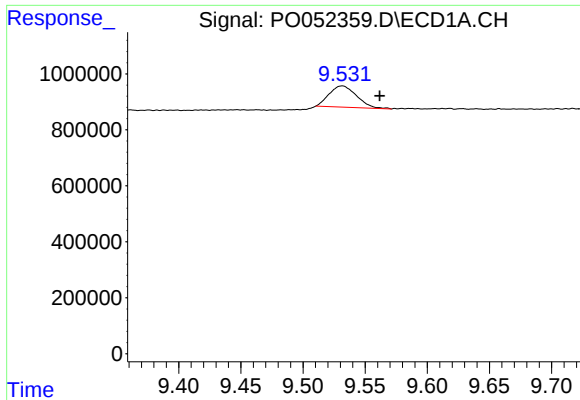
#44 AR-1268-4

R.T.: 9.151 min
Delta R.T.: -0.028 min
Response: 604076
Conc: 23.21 ng/ml



#44 AR-1268-4

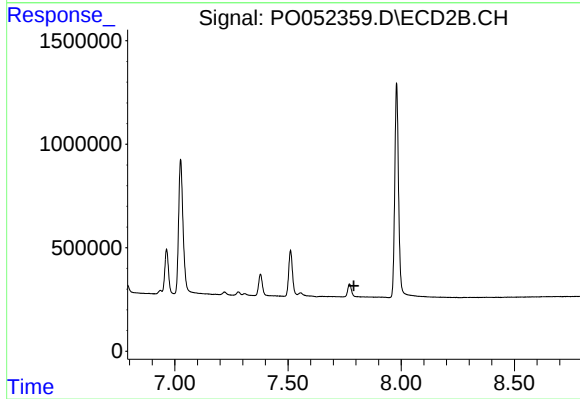
R.T.: 0.000 min
Exp R.T.: 7.529 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.532 min
Delta R.T.: -0.030 min
Response: 1160954
Conc: 5.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.791 min
Response: 0
Conc: N.D.