

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071319\
 Data File : P0057893.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jul 2019 14:14
 Operator : SM/AJ
 Sample : K3771-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 DUP-10

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 14:31:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 24 14:02:43 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.240	3.543	50596	776386	1.288	22.080 #
2)	SA Decachlor...	9.732	8.452	1718467	2543427	30.560	67.994 #
Target Compounds							
5)	L1 AR-1016-3	0.000	4.837	0	40565	N.D.	38.315 #
6)	L1 AR-1016-4	5.632	4.837	36619	40565	28.238	45.594 #
7)	L1 AR-1016-5	0.000	5.083	0	69124	N.D.	60.508 #
8)	L2 AR-1221-1	4.441	0.000	70917	0	162.897	N.D. #
9)	L2 AR-1221-2	4.554	3.839	90953	72677	273.704	260.398
10)	L2 AR-1221-3	4.595	3.955	125296	688267	118.694	785.834 #
11)	L3 AR-1232-1	4.595	3.955	125296	688267	139.574	921.306 #
13)	L3 AR-1232-3	0.000	4.837	0	40565	N.D.	93.915 #
14)	L3 AR-1232-4	5.632	4.837	36619	40565	68.894	106.694 #
15)	L3 AR-1232-5	5.632	5.083	36619	69124	88.679	162.363 #
18)	L4 AR-1242-3	0.000	4.837	0	40565	N.D.	47.842 #
19)	L4 AR-1242-4	5.632	4.837	36619	40565	33.753	48.611 #
20)	L4 AR-1242-5	6.298	5.430	108571	65140	83.672	65.045
22)	L5 AR-1248-2	5.632	4.837	36619	40565	21.095	31.560 #
23)	L5 AR-1248-3	0.000	4.837	0	40565	N.D.	30.741 #
24)	L5 AR-1248-4	6.274	5.083	131761	69124	56.216	42.710
25)	L5 AR-1248-5	6.298	5.430	108571	65140	48.349	42.119
26)	L6 AR-1254-1	6.234	5.430	262402	65140	134.720	30.630 #
27)	L6 AR-1254-2	6.472	5.539	775659	471853	248.867	253.513
28)	L6 AR-1254-3	6.841	5.937	156331	1103856	47.286	366.581 #
29)	L6 AR-1254-4	7.132	6.192	344088	273098	126.787	151.716
30)	L6 AR-1254-5	7.511	6.609	426800	604079	152.653	222.981 #
31)	L7 AR-1260-1	6.946	6.064	688526	612099	248.443	285.989
32)	L7 AR-1260-2	7.246	6.288	479706	238763	130.122	87.025 #
33)	L7 AR-1260-3	7.613	6.401	92928	555573	30.587	227.554 #
34)	L7 AR-1260-4	7.795	6.907	1802950	463340	594.497	222.541 #
35)	L7 AR-1260-5	8.131	7.109	259763	295927	41.538	58.344 #
36)	L8 AR-1262-1	7.613	6.644	92928	65267	20.447	17.436
37)	L8 AR-1262-2	8.131	7.109	259763	295927	36.256	49.804 #
38)	L8 AR-1262-3	8.372	7.387	4960786	4221531	1010.322	1650.440 #
39)	L8 AR-1262-4	8.459	7.453	2673916	2607821	657.254	591.698
40)	L8 AR-1262-5	9.063	7.944	575691	454285	228.297	248.753
41)	L9 AR-1268-1	8.372	7.387	4960786	4221531	588.323	616.552
42)	L9 AR-1268-2	8.459	7.453	2673916	2607821	334.892	410.869
43)	L9 AR-1268-3	8.663	7.651	6264889	5250424	929.354	981.248
44)	L9 AR-1268-4	9.063	7.944	575691	454285	223.431	226.759
45)	L9 AR-1268-5	9.435	8.218	15179617	12401657	767.372	807.080

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QLast Update : Mon Jun 24 14:02:43 2019
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

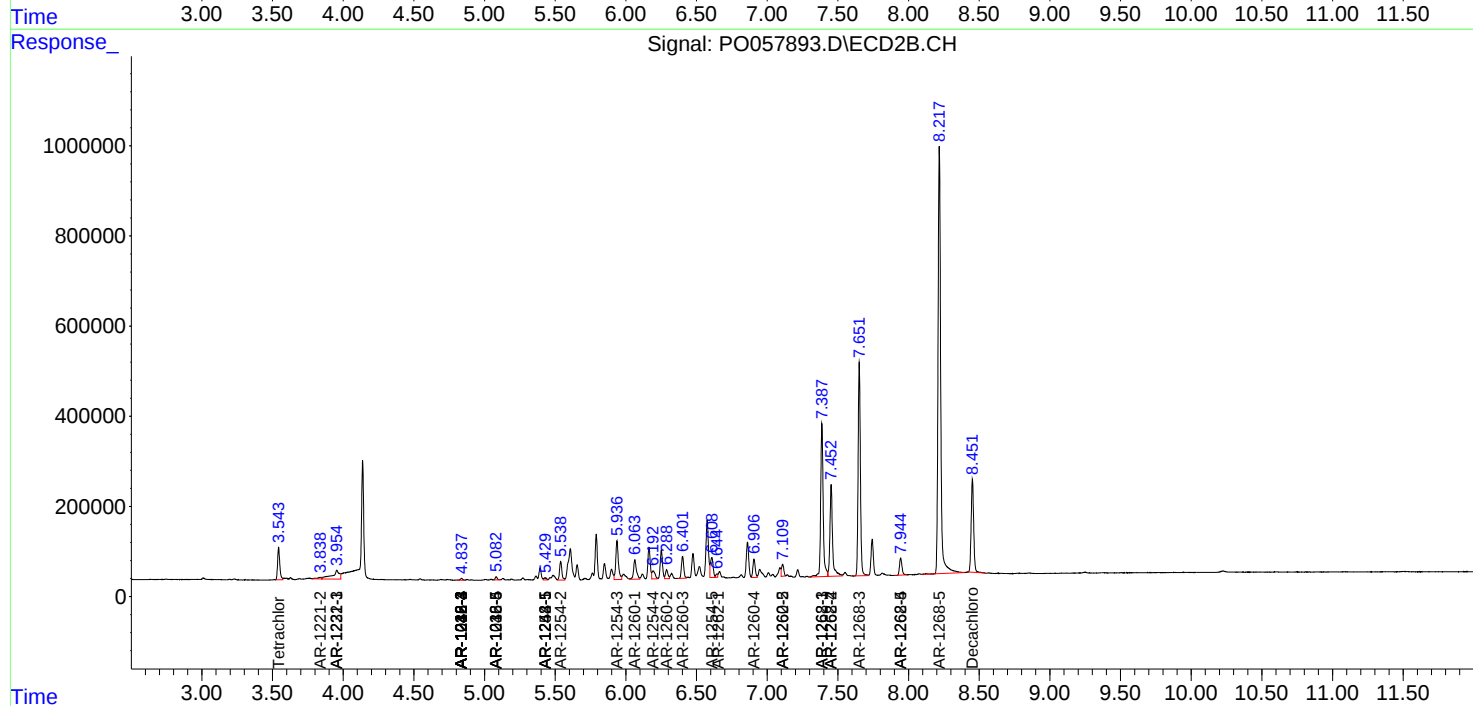
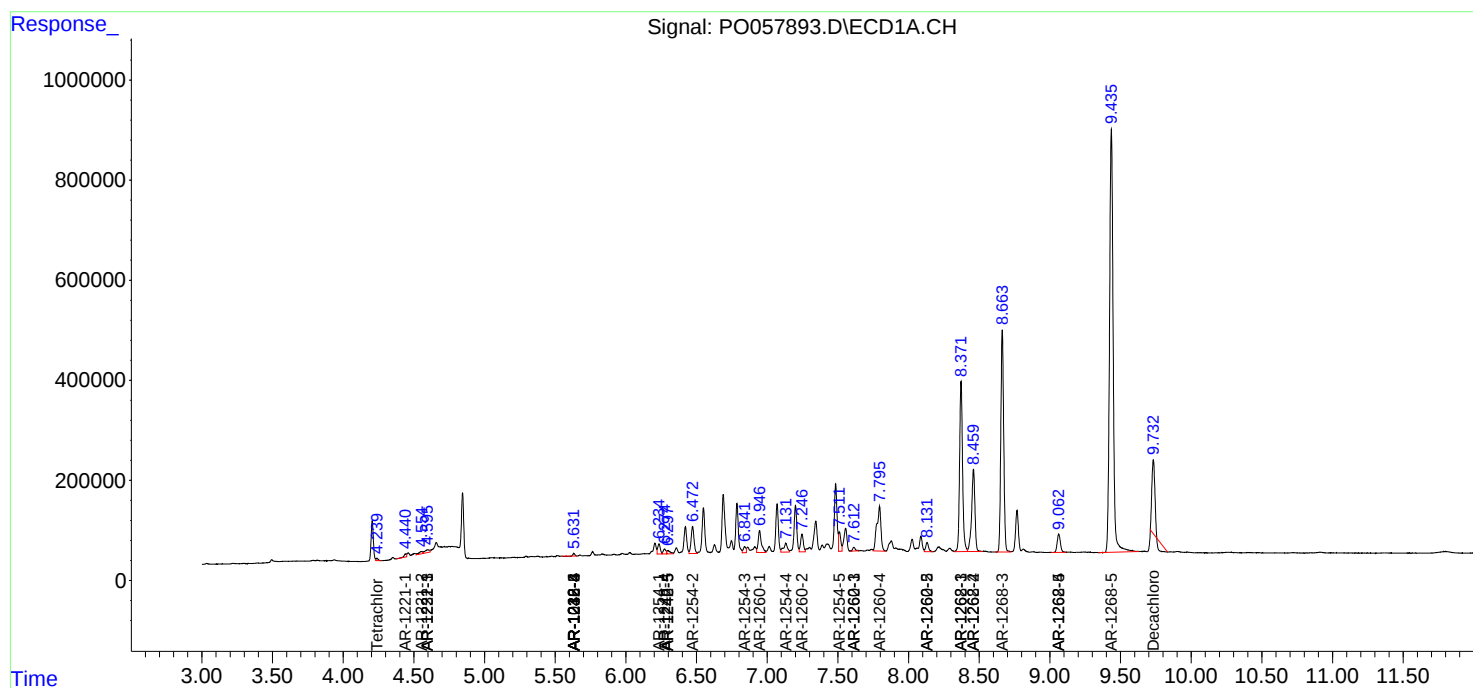
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

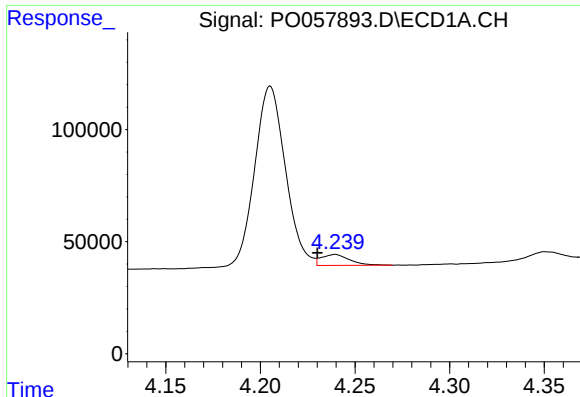
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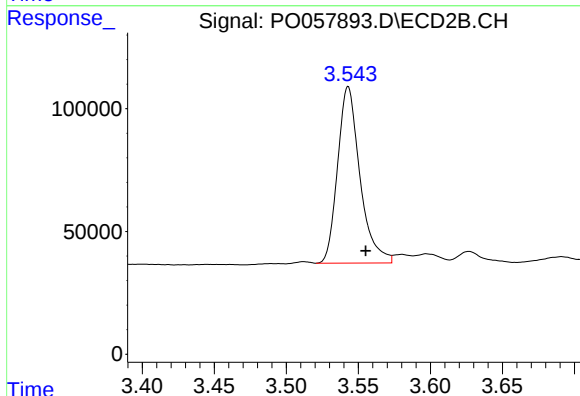




#1 Tetrachloro-m-xylene

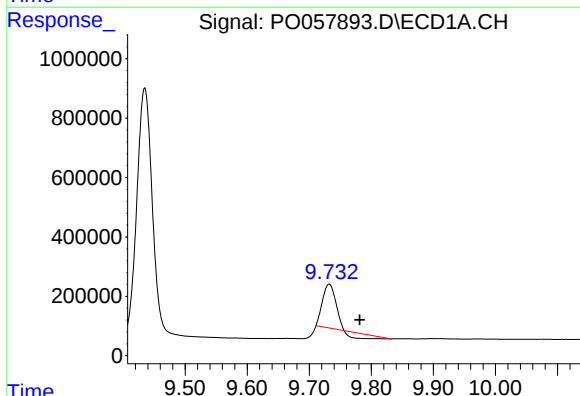
R.T.: 4.240 min
Delta R.T.: 0.010 min
Response: 50596
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



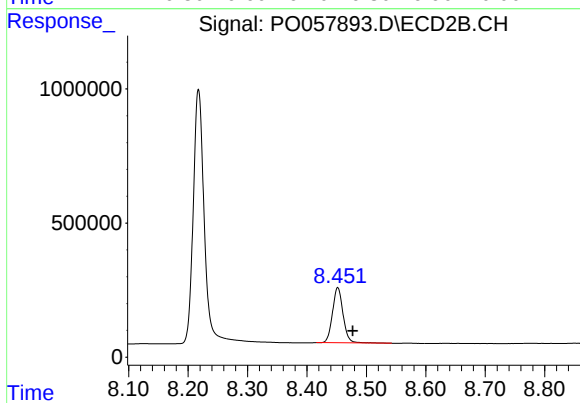
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.012 min
Response: 776386
Conc: 22.08 ng/ml



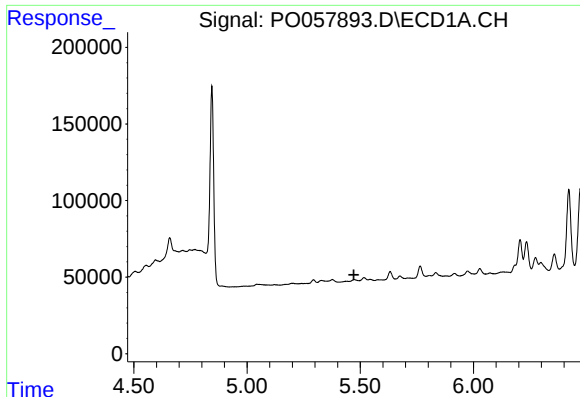
#2 Decachlorobiphenyl

R.T.: 9.732 min
Delta R.T.: -0.049 min
Response: 1718467
Conc: 30.56 ng/ml



#2 Decachlorobiphenyl

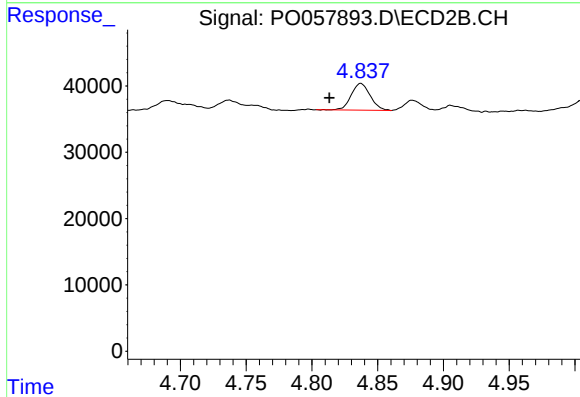
R.T.: 8.452 min
Delta R.T.: -0.025 min
Response: 2543427
Conc: 67.99 ng/ml



#5 AR-1016-3

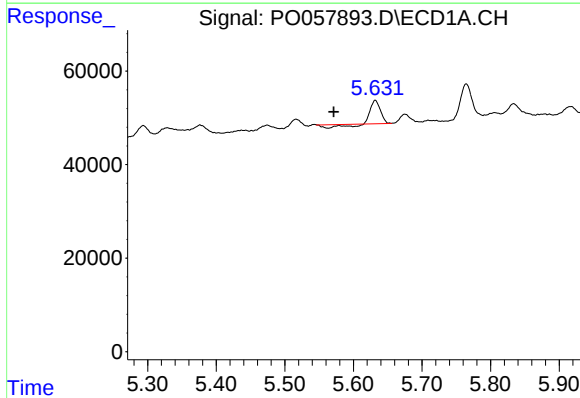
R.T.: 0.000 min
Exp R.T.: 5.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10



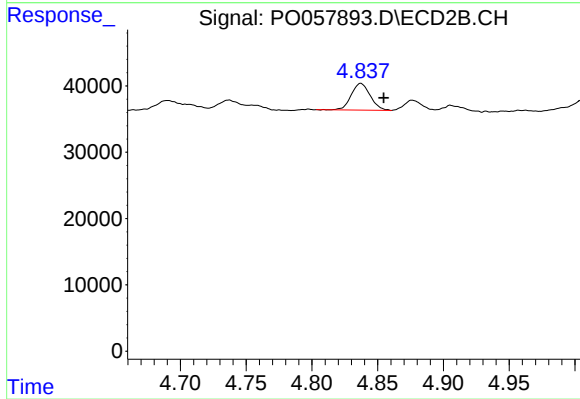
#5 AR-1016-3

R.T.: 4.837 min
Delta R.T.: 0.024 min
Response: 40565
Conc: 38.31 ng/ml



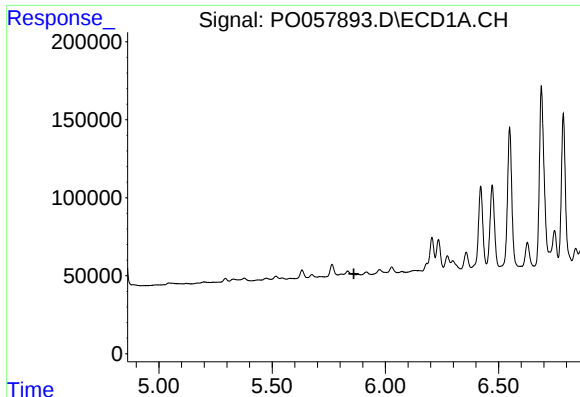
#6 AR-1016-4

R.T.: 5.632 min
Delta R.T.: 0.061 min
Response: 36619
Conc: 28.24 ng/ml



#6 AR-1016-4

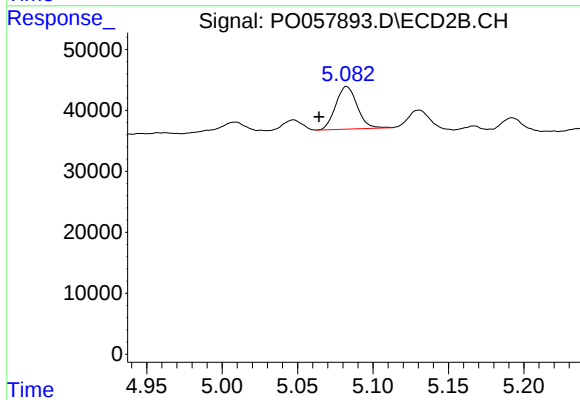
R.T.: 4.837 min
Delta R.T.: -0.017 min
Response: 40565
Conc: 45.59 ng/ml



#7 AR-1016-5

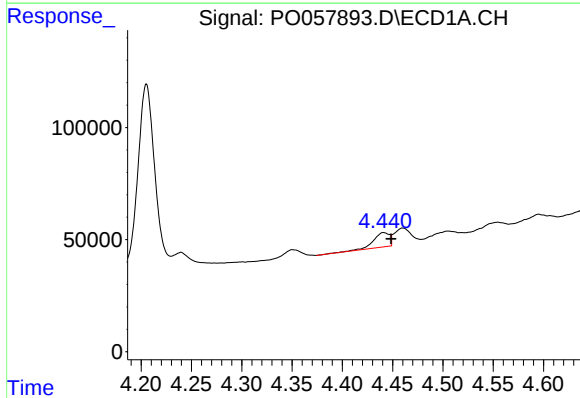
R.T.: 0.000 min
Exp R.T.: 5.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10



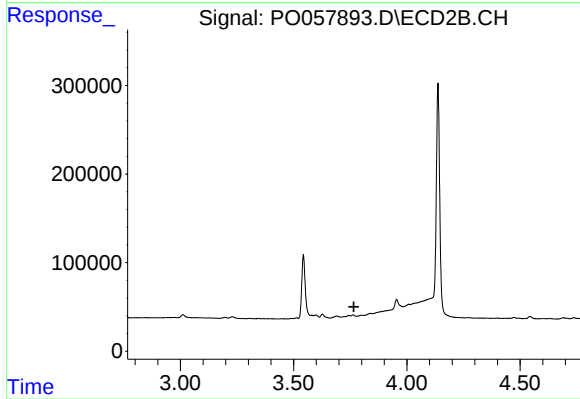
#7 AR-1016-5

R.T.: 5.083 min
Delta R.T.: 0.018 min
Response: 69124
Conc: 60.51 ng/ml



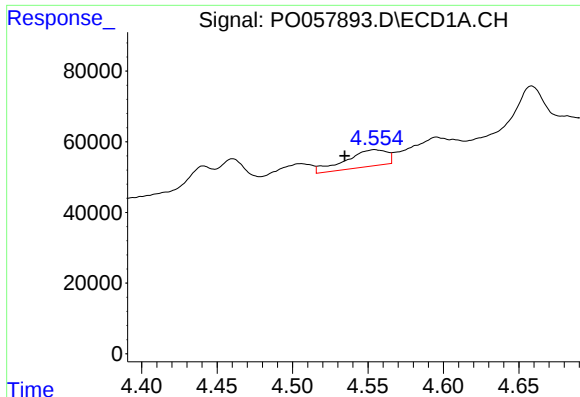
#8 AR-1221-1

R.T.: 4.441 min
Delta R.T.: -0.007 min
Response: 70917
Conc: 162.90 ng/ml



#8 AR-1221-1

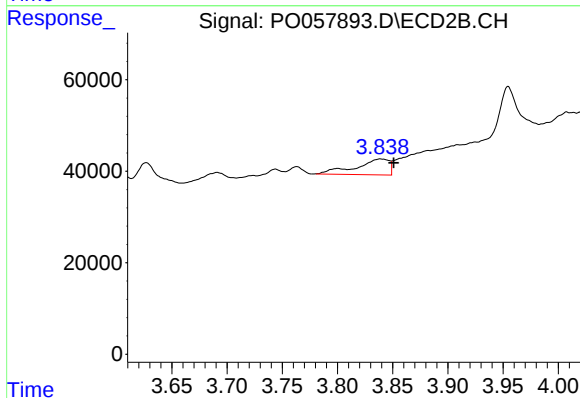
R.T.: 0.000 min
Exp R.T.: 3.766 min
Response: 0
Conc: N.D.



#9 AR-1221-2

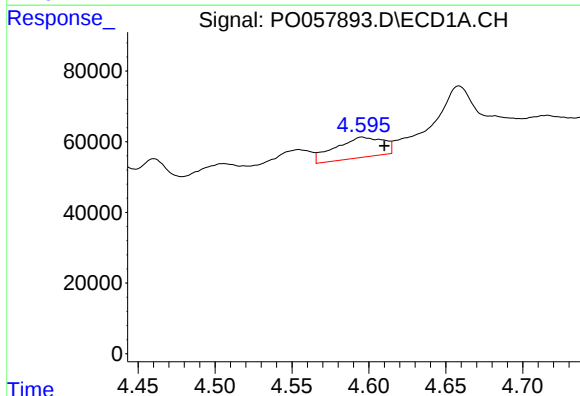
R.T.: 4.554 min
Delta R.T.: 0.020 min
Response: 90953
Conc: 273.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



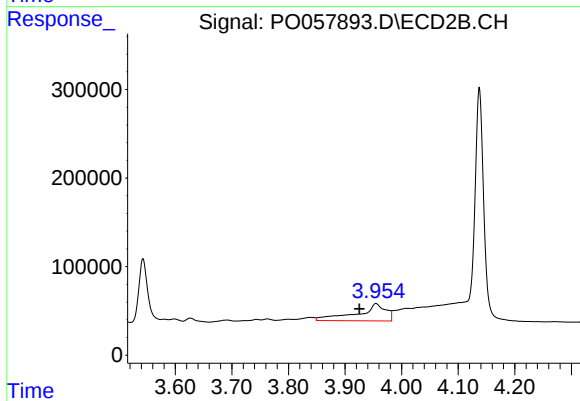
#9 AR-1221-2

R.T.: 3.839 min
Delta R.T.: -0.012 min
Response: 72677
Conc: 260.40 ng/ml



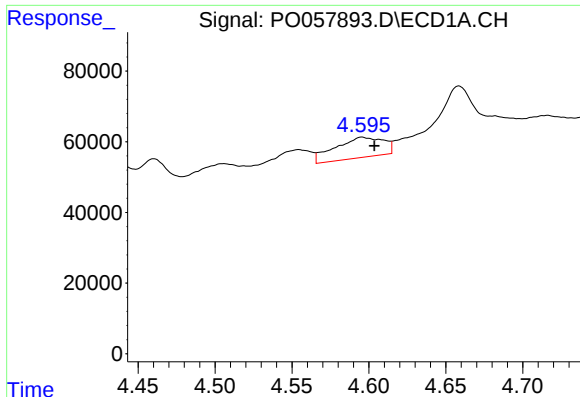
#10 AR-1221-3

R.T.: 4.595 min
Delta R.T.: -0.015 min
Response: 125296
Conc: 118.69 ng/ml



#10 AR-1221-3

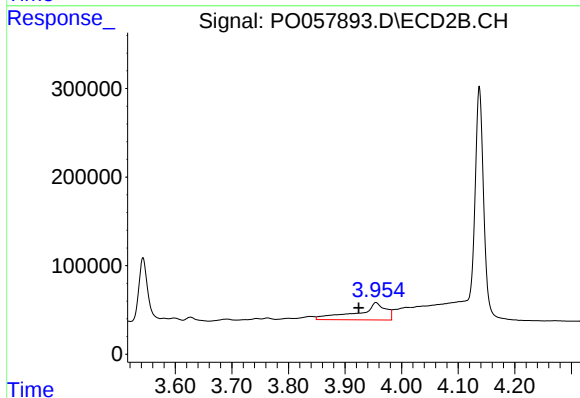
R.T.: 3.955 min
Delta R.T.: 0.029 min
Response: 688267
Conc: 785.83 ng/ml



#11 AR-1232-1

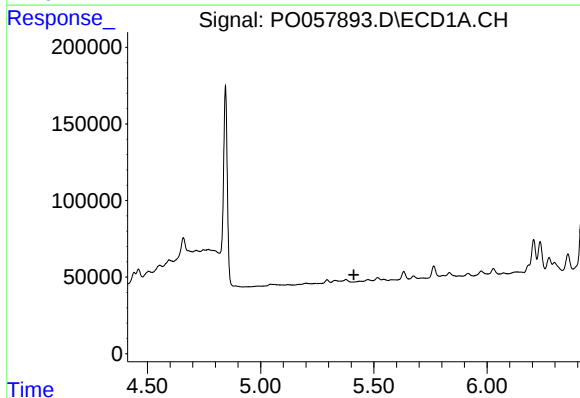
R.T.: 4.595 min
Delta R.T.: -0.008 min
Response: 125296
Conc: 139.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



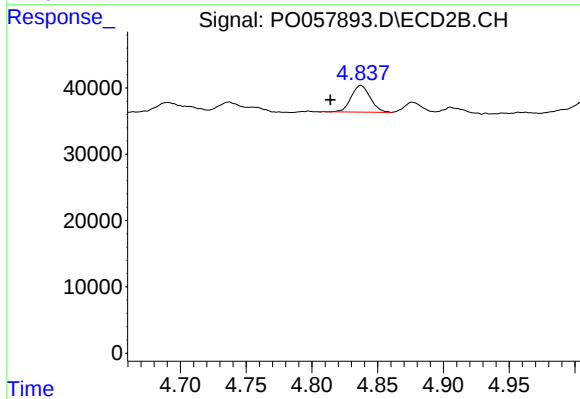
#11 AR-1232-1

R.T.: 3.955 min
Delta R.T.: 0.030 min
Response: 688267
Conc: 921.31 ng/ml



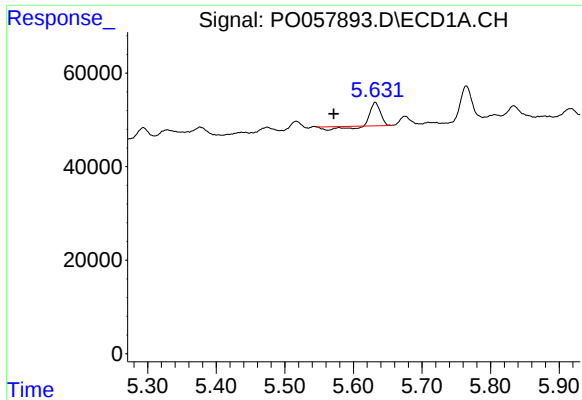
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.412 min
Response: 0
Conc: N.D.



#13 AR-1232-3

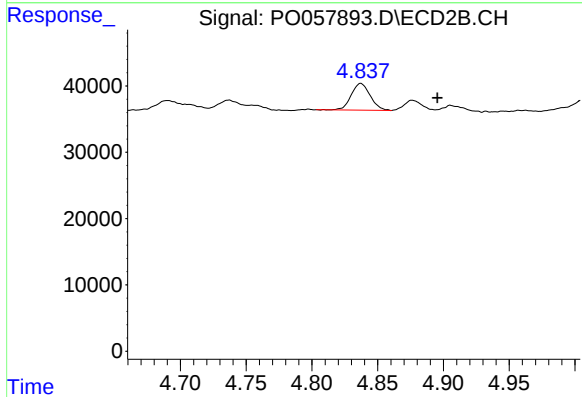
R.T.: 4.837 min
Delta R.T.: 0.023 min
Response: 40565
Conc: 93.92 ng/ml



#14 AR-1232-4

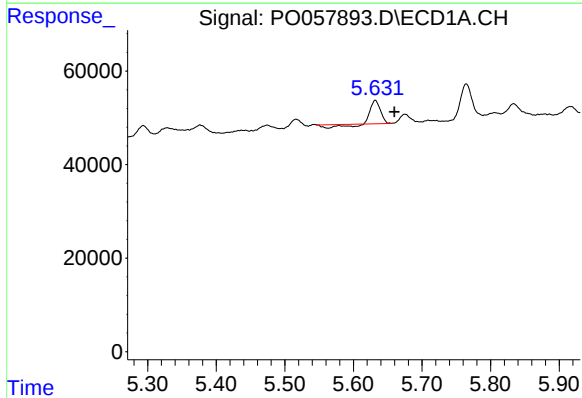
R.T.: 5.632 min
Delta R.T.: 0.060 min
Response: 36619
Conc: 68.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



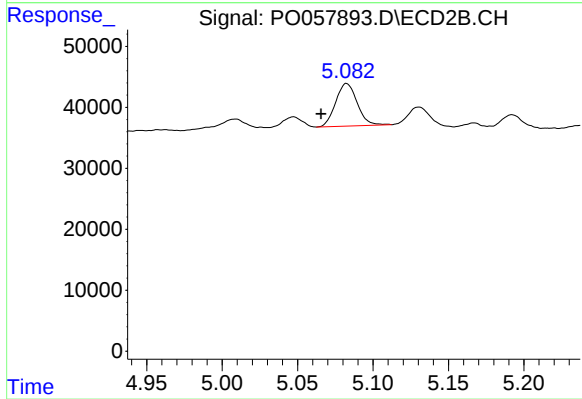
#14 AR-1232-4

R.T.: 4.837 min
Delta R.T.: -0.058 min
Response: 40565
Conc: 106.69 ng/ml



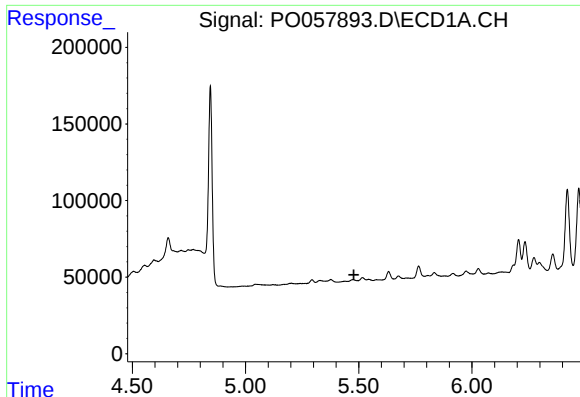
#15 AR-1232-5

R.T.: 5.632 min
Delta R.T.: -0.028 min
Response: 36619
Conc: 88.68 ng/ml



#15 AR-1232-5

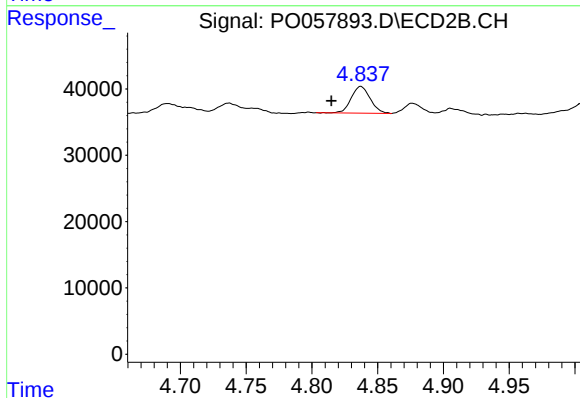
R.T.: 5.083 min
Delta R.T.: 0.017 min
Response: 69124
Conc: 162.36 ng/ml



#18 AR-1242-3

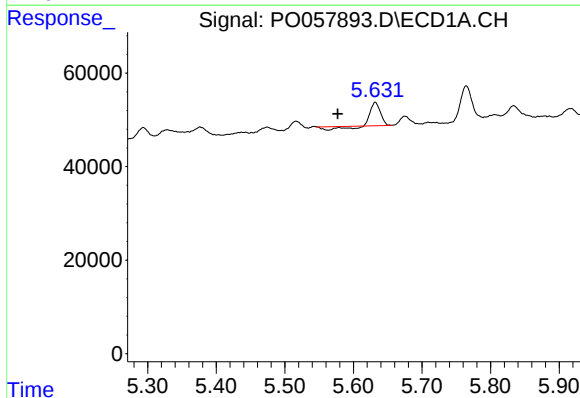
R.T.: 0.000 min
Exp R.T.: 5.479 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10



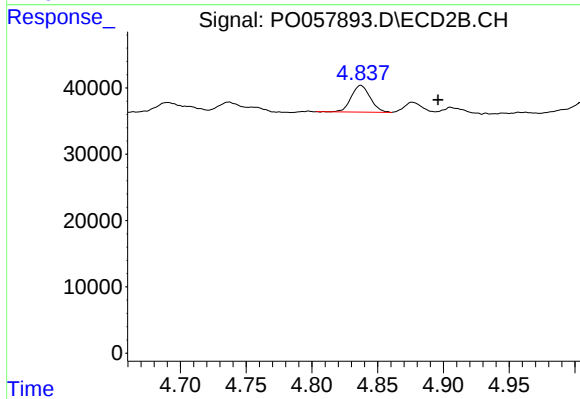
#18 AR-1242-3

R.T.: 4.837 min
Delta R.T.: 0.022 min
Response: 40565
Conc: 47.84 ng/ml



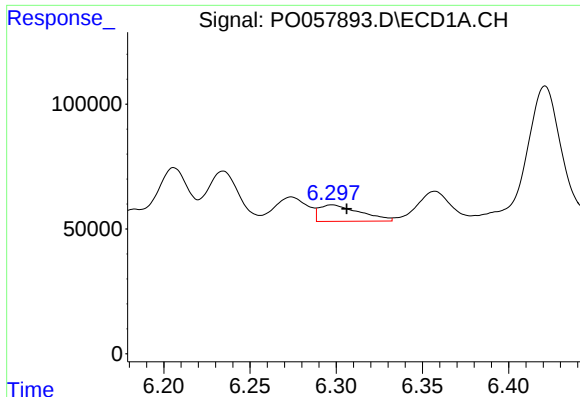
#19 AR-1242-4

R.T.: 5.632 min
Delta R.T.: 0.055 min
Response: 36619
Conc: 33.75 ng/ml



#19 AR-1242-4

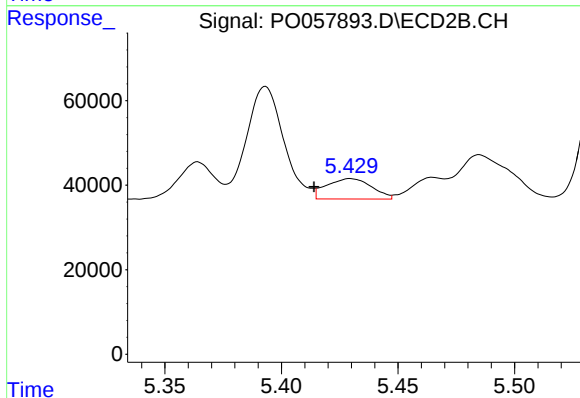
R.T.: 4.837 min
Delta R.T.: -0.059 min
Response: 40565
Conc: 48.61 ng/ml



#20 AR-1242-5

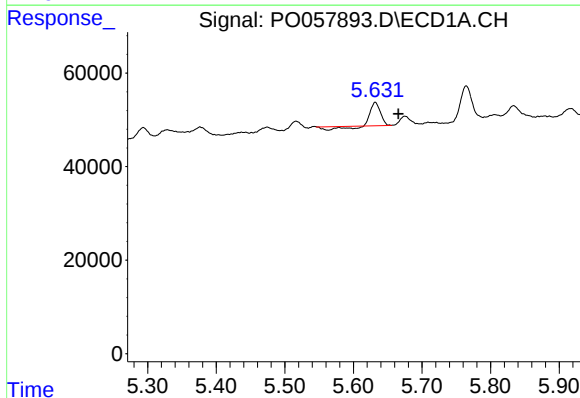
R.T.: 6.298 min
Delta R.T.: -0.008 min
Response: 108571
Conc: 83.67 ng/ml

Instrument :
ECD_O
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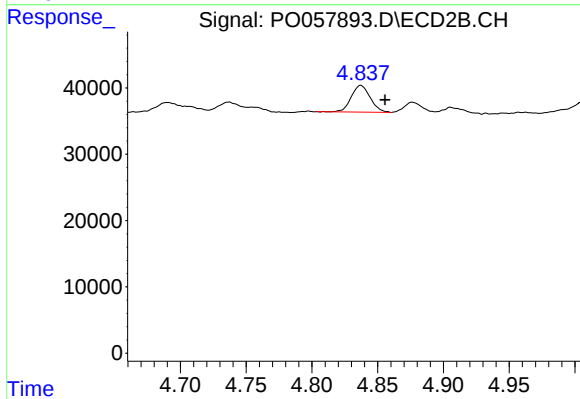
#20 AR-1242-5

R.T.: 5.430 min
Delta R.T.: 0.016 min
Response: 65140
Conc: 65.05 ng/ml



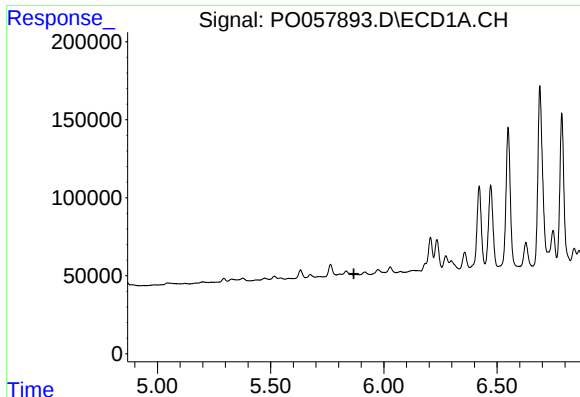
#22 AR-1248-2

R.T.: 5.632 min
Delta R.T.: -0.034 min
Response: 36619
Conc: 21.10 ng/ml



#22 AR-1248-2

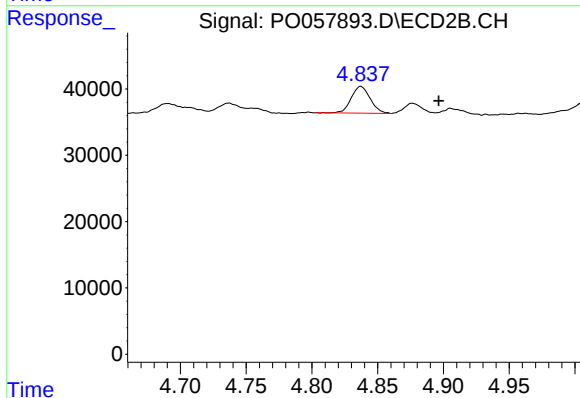
R.T.: 4.837 min
Delta R.T.: -0.018 min
Response: 40565
Conc: 31.56 ng/ml



#23 AR-1248-3

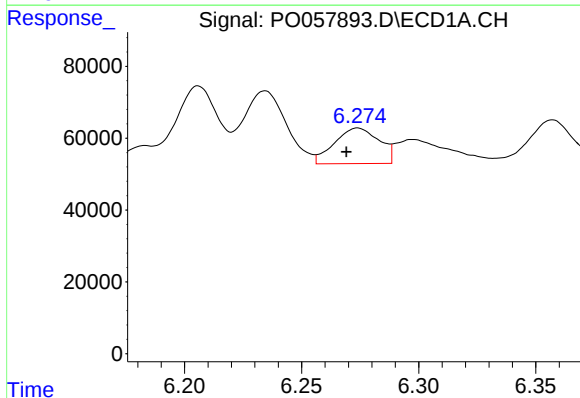
R.T.: 0.000 min
Exp R.T.: 5.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
DUP-10



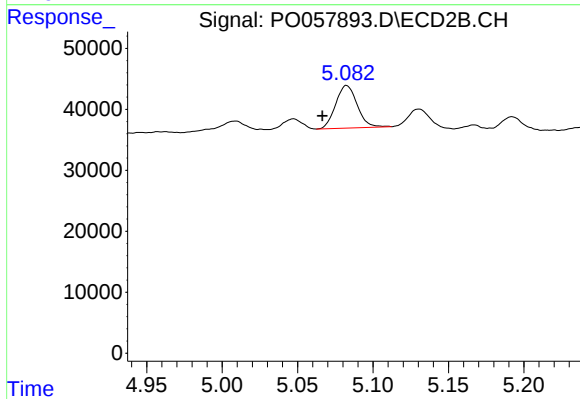
#23 AR-1248-3

R.T.: 4.837 min
Delta R.T.: -0.059 min
Response: 40565
Conc: 30.74 ng/ml



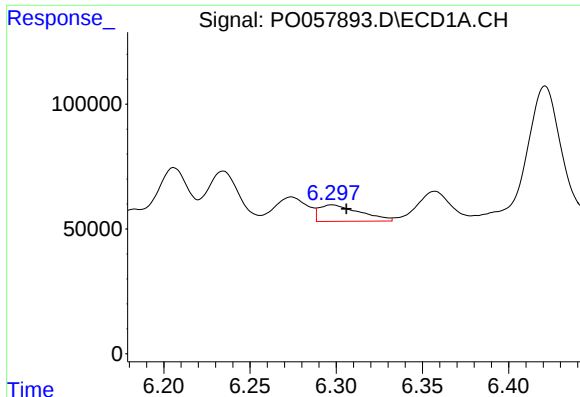
#24 AR-1248-4

R.T.: 6.274 min
Delta R.T.: 0.005 min
Response: 131761
Conc: 56.22 ng/ml



#24 AR-1248-4

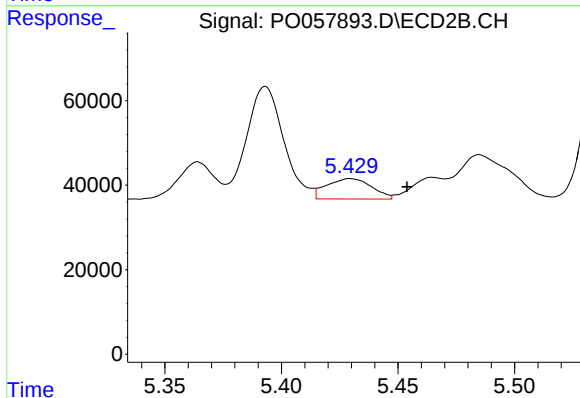
R.T.: 5.083 min
Delta R.T.: 0.016 min
Response: 69124
Conc: 42.71 ng/ml



#25 AR-1248-5

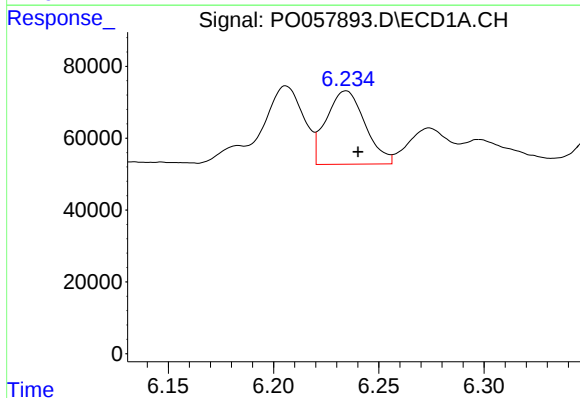
R.T.: 6.298 min
Delta R.T.: -0.008 min
Response: 108571
Conc: 48.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



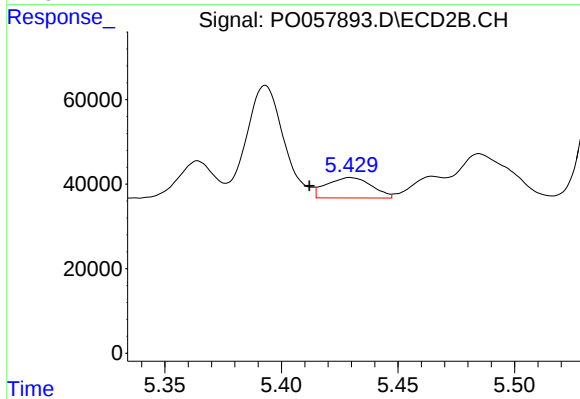
#25 AR-1248-5

R.T.: 5.430 min
Delta R.T.: -0.024 min
Response: 65140
Conc: 42.12 ng/ml



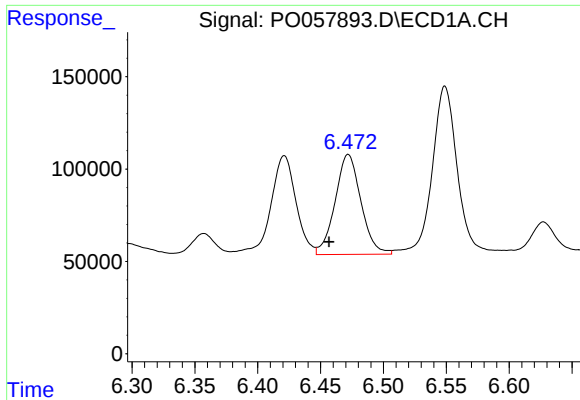
#26 AR-1254-1

R.T.: 6.234 min
Delta R.T.: -0.006 min
Response: 262402
Conc: 134.72 ng/ml



#26 AR-1254-1

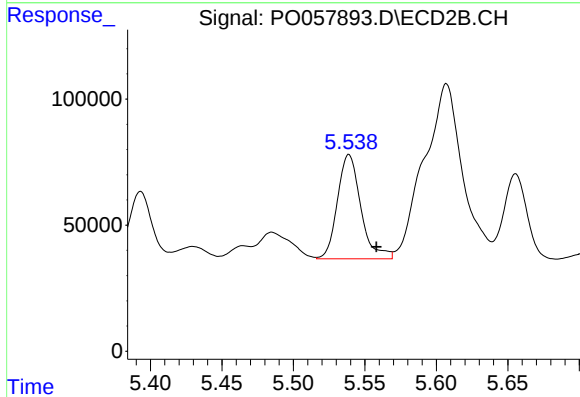
R.T.: 5.430 min
Delta R.T.: 0.018 min
Response: 65140
Conc: 30.63 ng/ml



#27 AR-1254-2

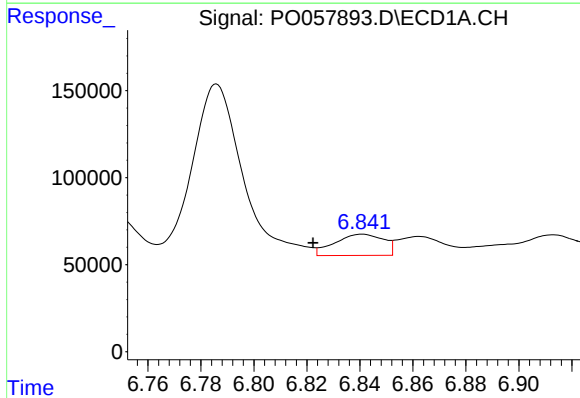
R.T.: 6.472 min
Delta R.T.: 0.015 min
Response: 775659
Conc: 248.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



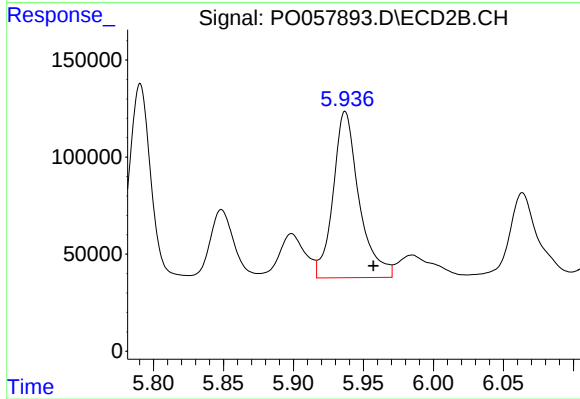
#27 AR-1254-2

R.T.: 5.539 min
Delta R.T.: -0.019 min
Response: 471853
Conc: 253.51 ng/ml



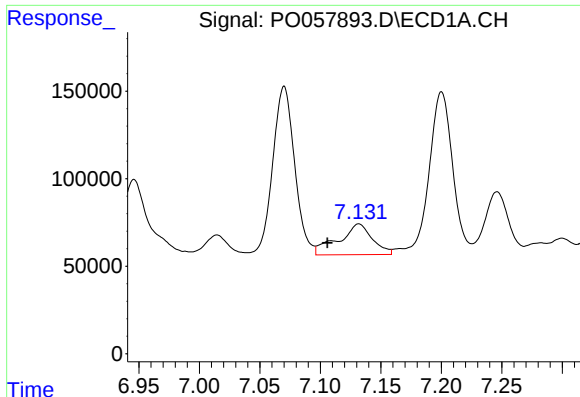
#28 AR-1254-3

R.T.: 6.841 min
Delta R.T.: 0.019 min
Response: 156331
Conc: 47.29 ng/ml



#28 AR-1254-3

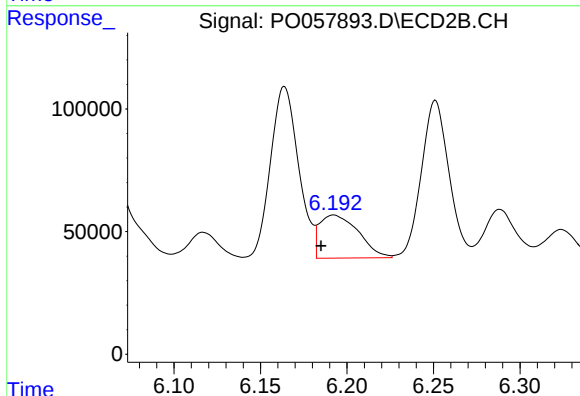
R.T.: 5.937 min
Delta R.T.: -0.020 min
Response: 1103856
Conc: 366.58 ng/ml



#29 AR-1254-4

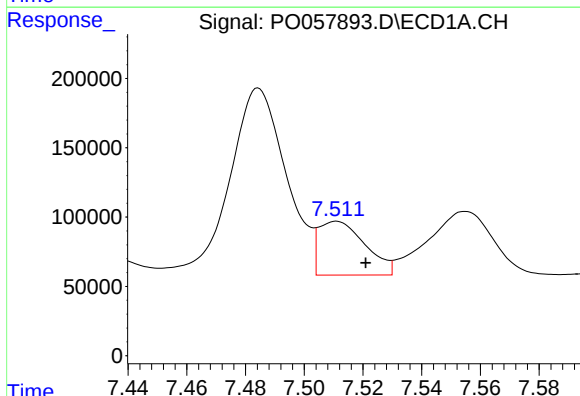
R.T.: 7.132 min
Delta R.T.: 0.026 min
Response: 344088
Conc: 126.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



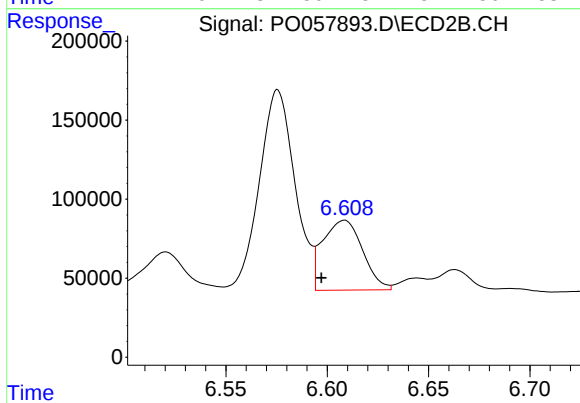
#29 AR-1254-4

R.T.: 6.192 min
Delta R.T.: 0.007 min
Response: 273098
Conc: 151.72 ng/ml



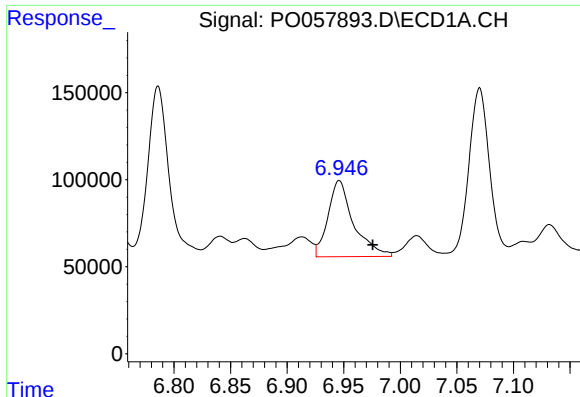
#30 AR-1254-5

R.T.: 7.511 min
Delta R.T.: -0.010 min
Response: 426800
Conc: 152.65 ng/ml



#30 AR-1254-5

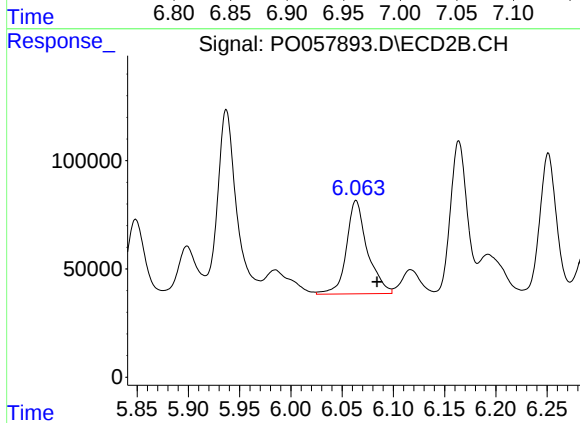
R.T.: 6.609 min
Delta R.T.: 0.011 min
Response: 604079
Conc: 222.98 ng/ml



#31 AR-1260-1

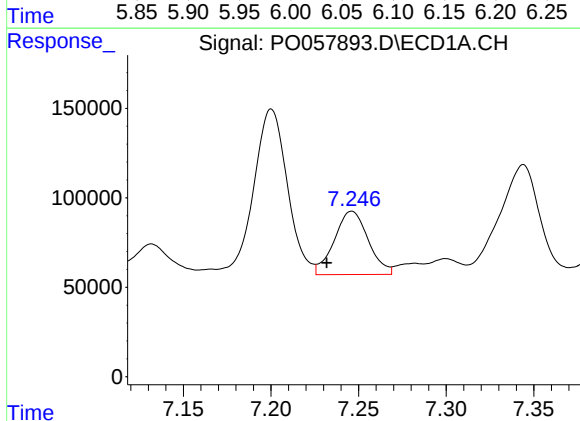
R.T.: 6.946 min
Delta R.T.: -0.029 min
Response: 688526
Conc: 248.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



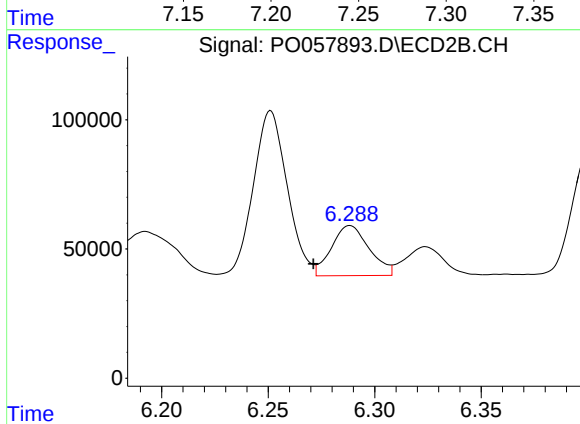
#31 AR-1260-1

R.T.: 6.064 min
Delta R.T.: -0.020 min
Response: 612099
Conc: 285.99 ng/ml



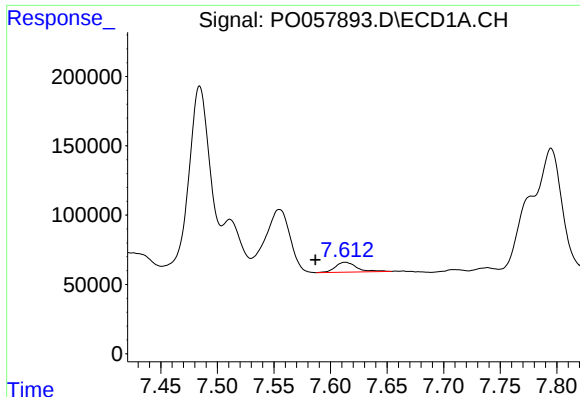
#32 AR-1260-2

R.T.: 7.246 min
Delta R.T.: 0.014 min
Response: 479706
Conc: 130.12 ng/ml



#32 AR-1260-2

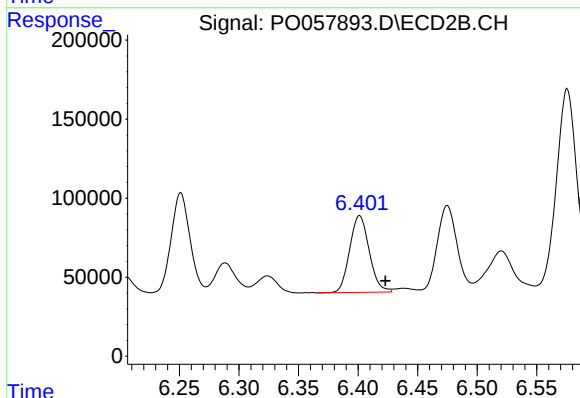
R.T.: 6.288 min
Delta R.T.: 0.017 min
Response: 238763
Conc: 87.02 ng/ml



#33 AR-1260-3

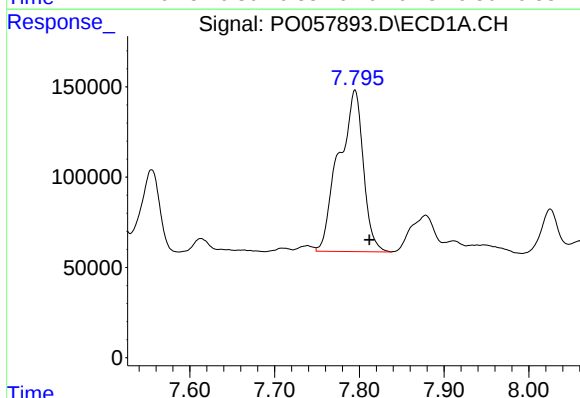
R.T.: 7.613 min
Delta R.T.: 0.026 min
Response: 92928
Conc: 30.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



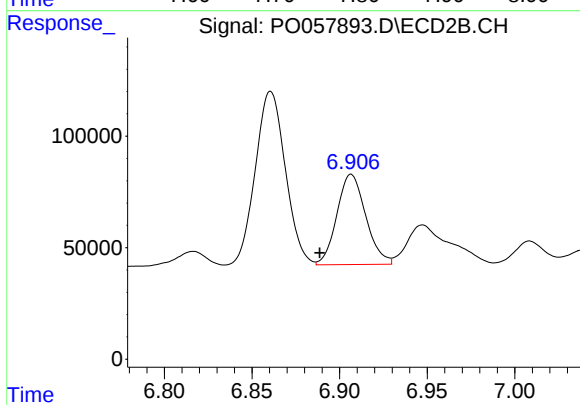
#33 AR-1260-3

R.T.: 6.401 min
Delta R.T.: -0.022 min
Response: 555573
Conc: 227.55 ng/ml



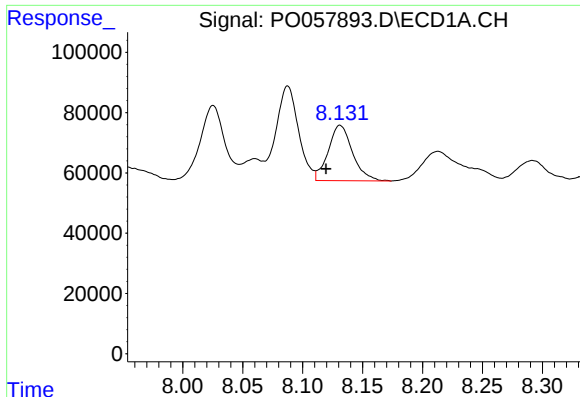
#34 AR-1260-4

R.T.: 7.795 min
Delta R.T.: -0.017 min
Response: 1802950
Conc: 594.50 ng/ml



#34 AR-1260-4

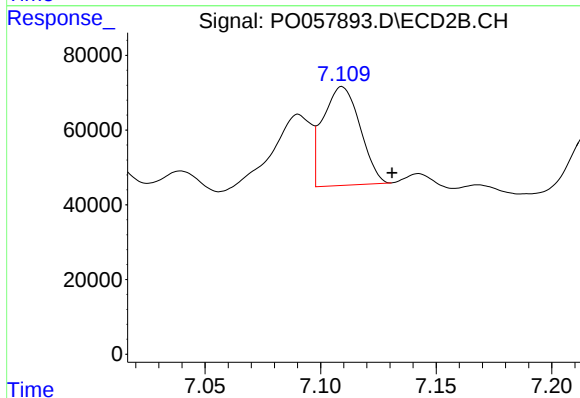
R.T.: 6.907 min
Delta R.T.: 0.018 min
Response: 463340
Conc: 222.54 ng/ml



#35 AR-1260-5

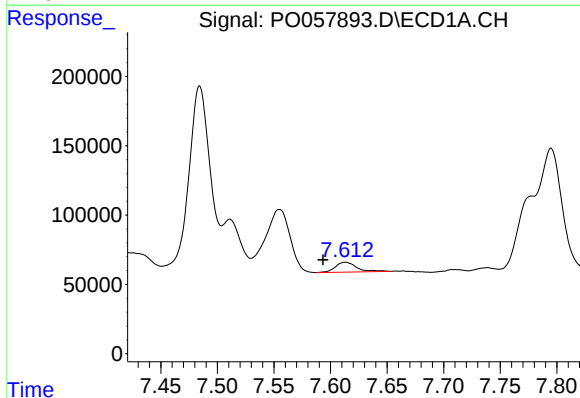
R.T.: 8.131 min
Delta R.T.: 0.012 min
Response: 259763
Conc: 41.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



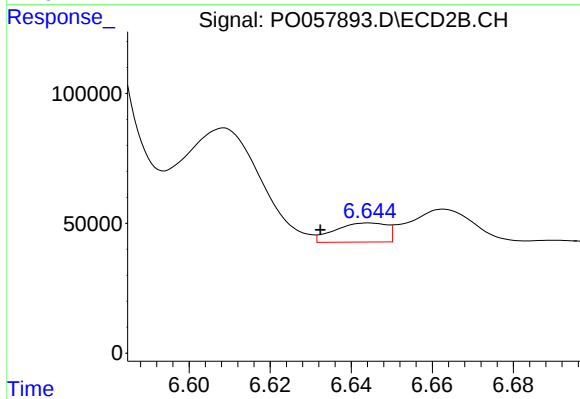
#35 AR-1260-5

R.T.: 7.109 min
Delta R.T.: -0.022 min
Response: 295927
Conc: 58.34 ng/ml



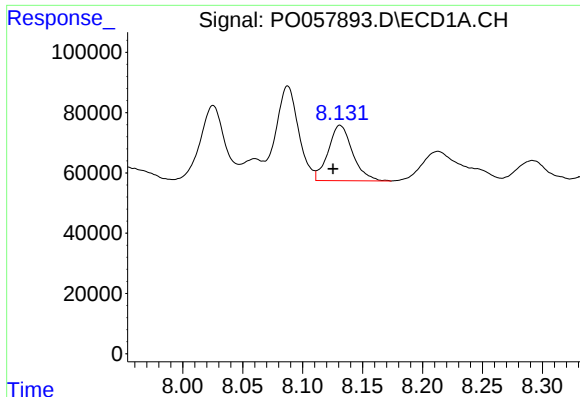
#36 AR-1262-1

R.T.: 7.613 min
Delta R.T.: 0.020 min
Response: 92928
Conc: 20.45 ng/ml



#36 AR-1262-1

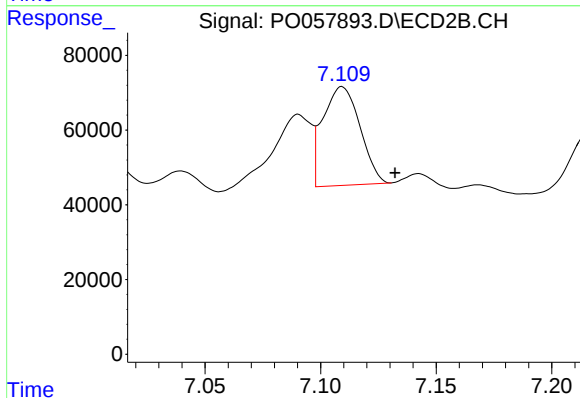
R.T.: 6.644 min
Delta R.T.: 0.012 min
Response: 65267
Conc: 17.44 ng/ml



#37 AR-1262-2

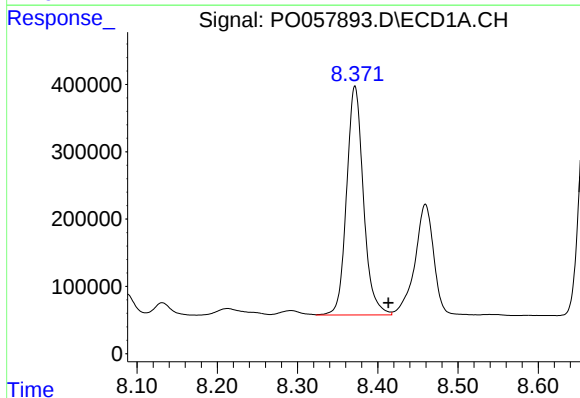
R.T.: 8.131 min
Delta R.T.: 0.006 min
Response: 259763
Conc: 36.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



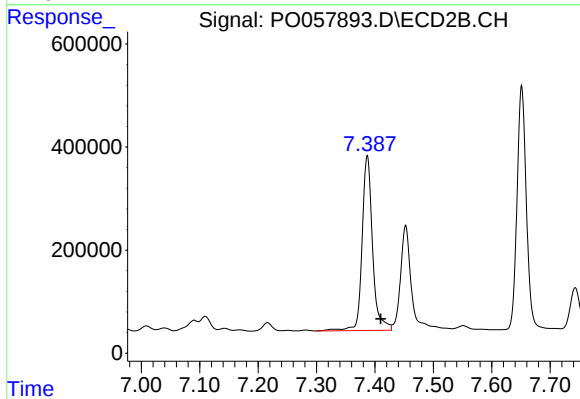
#37 AR-1262-2

R.T.: 7.109 min
Delta R.T.: -0.023 min
Response: 295927
Conc: 49.80 ng/ml



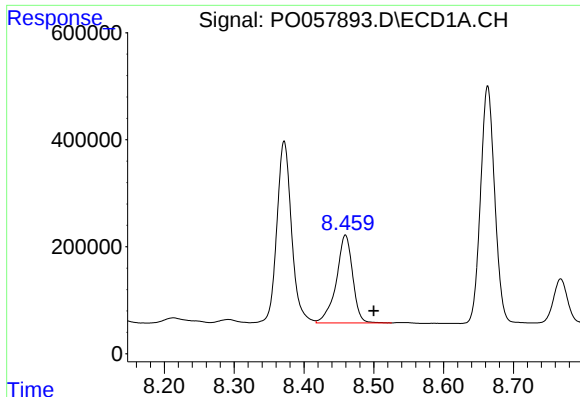
#38 AR-1262-3

R.T.: 8.372 min
Delta R.T.: -0.042 min
Response: 4960786
Conc: 1010.32 ng/ml



#38 AR-1262-3

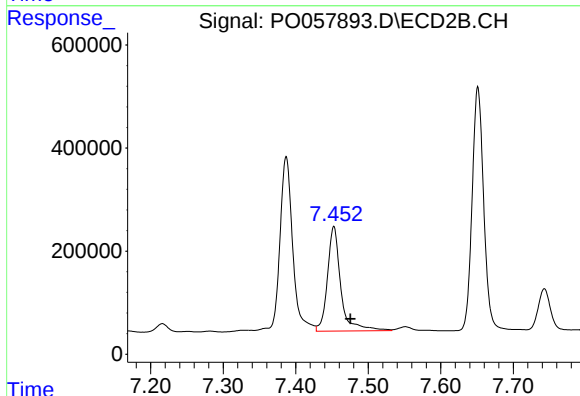
R.T.: 7.387 min
Delta R.T.: -0.023 min
Response: 4221531
Conc: 1650.44 ng/ml



#39 AR-1262-4

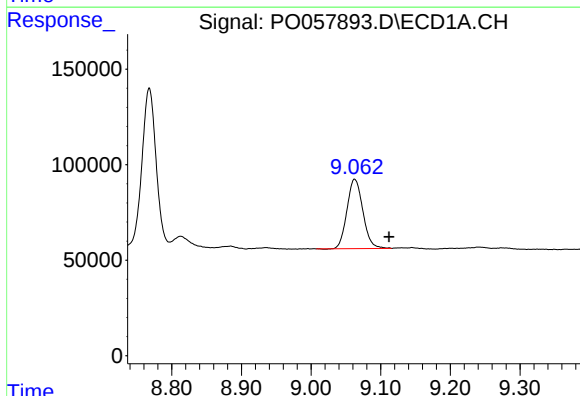
R.T.: 8.459 min
Delta R.T.: -0.040 min
Response: 2673916
Conc: 657.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



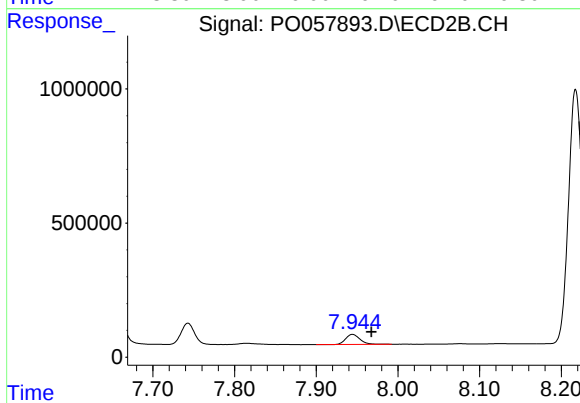
#39 AR-1262-4

R.T.: 7.453 min
Delta R.T.: -0.023 min
Response: 2607821
Conc: 591.70 ng/ml



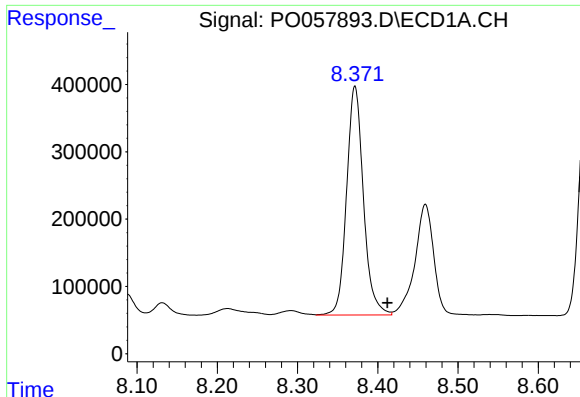
#40 AR-1262-5

R.T.: 9.063 min
Delta R.T.: -0.049 min
Response: 575691
Conc: 228.30 ng/ml



#40 AR-1262-5

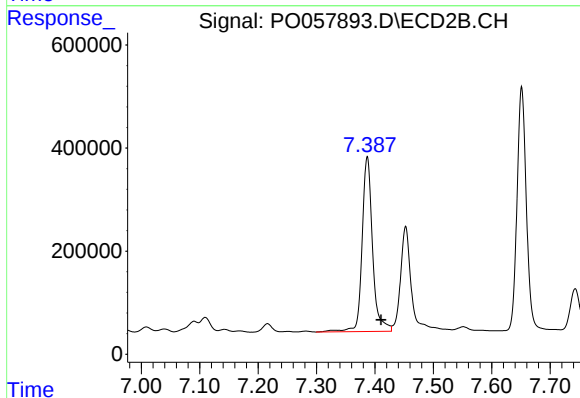
R.T.: 7.944 min
Delta R.T.: -0.023 min
Response: 454285
Conc: 248.75 ng/ml



#41 AR-1268-1

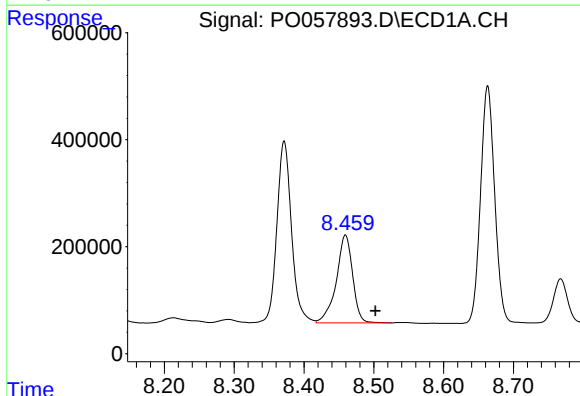
R.T.: 8.372 min
Delta R.T.: -0.040 min
Response: 4960786
Conc: 588.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



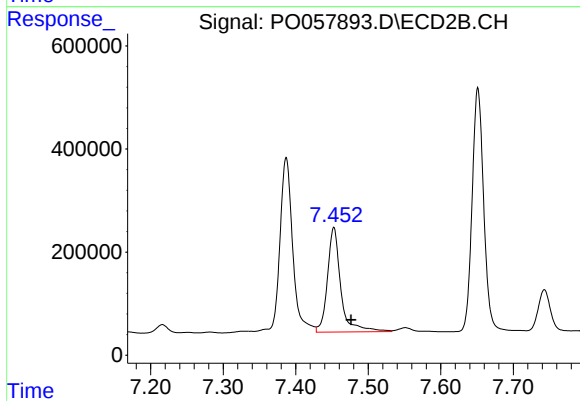
#41 AR-1268-1

R.T.: 7.387 min
Delta R.T.: -0.023 min
Response: 4221531
Conc: 616.55 ng/ml



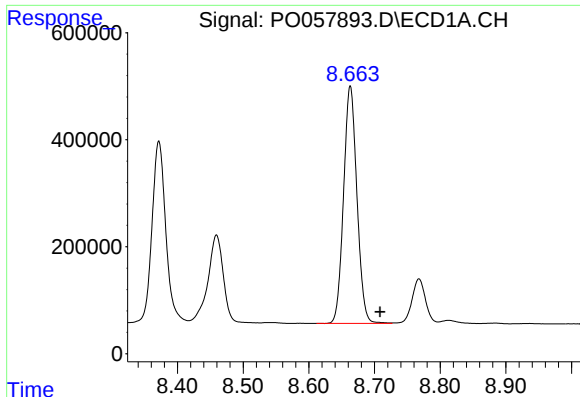
#42 AR-1268-2

R.T.: 8.459 min
Delta R.T.: -0.043 min
Response: 2673916
Conc: 334.89 ng/ml



#42 AR-1268-2

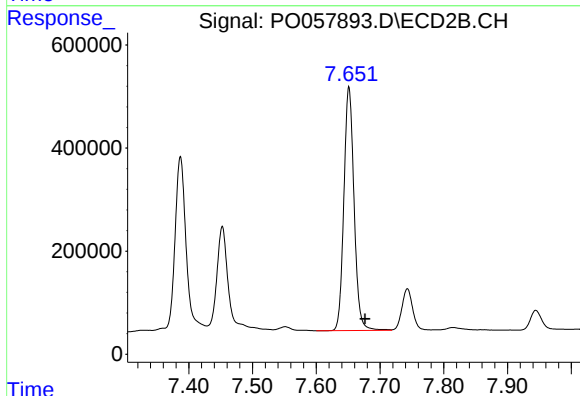
R.T.: 7.453 min
Delta R.T.: -0.024 min
Response: 2607821
Conc: 410.87 ng/ml



#43 AR-1268-3

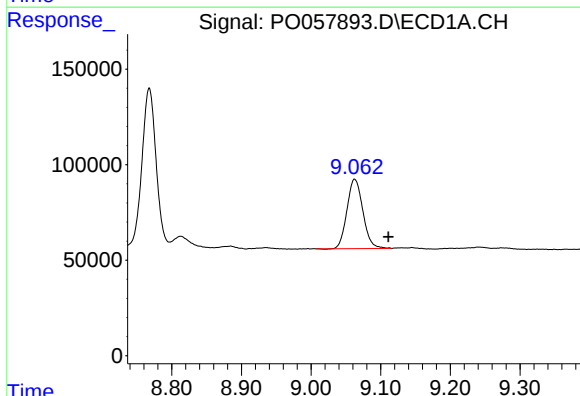
R.T.: 8.663 min
Delta R.T.: -0.045 min
Response: 6264889
Conc: 929.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



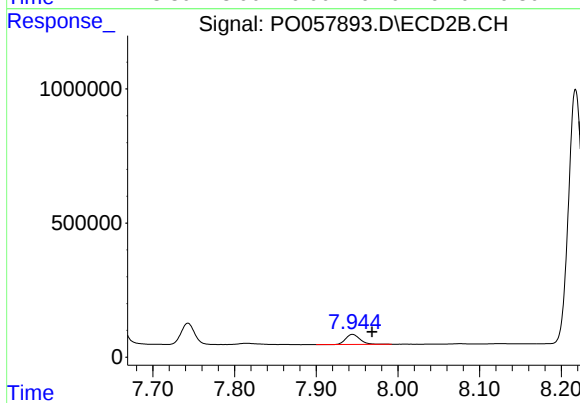
#43 AR-1268-3

R.T.: 7.651 min
Delta R.T.: -0.025 min
Response: 5250424
Conc: 981.25 ng/ml



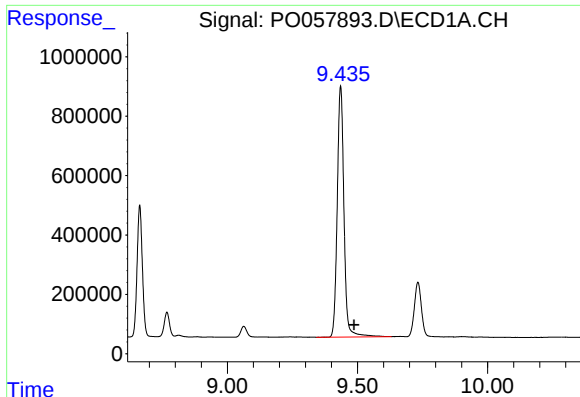
#44 AR-1268-4

R.T.: 9.063 min
Delta R.T.: -0.048 min
Response: 575691
Conc: 223.43 ng/ml



#44 AR-1268-4

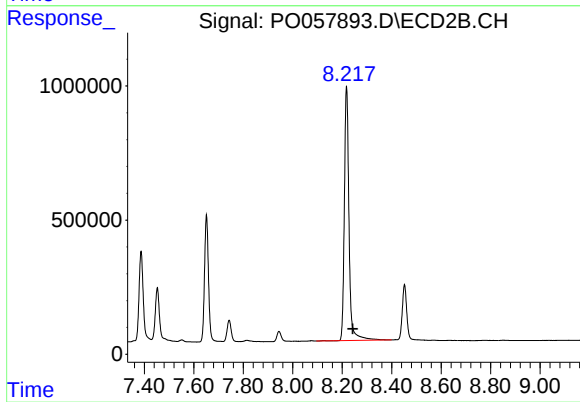
R.T.: 7.944 min
Delta R.T.: -0.024 min
Response: 454285
Conc: 226.76 ng/ml



#45 AR-1268-5

R.T.: 9.435 min
Delta R.T.: -0.052 min
Response: 15179617
Conc: 767.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
DUP-10



#45 AR-1268-5

R.T.: 8.218 min
Delta R.T.: -0.025 min
Response: 12401657
Conc: 807.08 ng/ml