

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
 Data File : P0056542.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2019 7:55
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:18:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 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...	4.257	3.573	1859624	1588393	48.575	48.165
2)	SA Decachlor...	9.840	8.514	2452077	1784023	49.957	50.033
Target Compounds							
3)	L1 AR-1016-1	5.419	4.643	826056	599831	459.272	476.629
4)	L1 AR-1016-2	5.441	4.661	1224969	867753	487.827	481.650
5)	L1 AR-1016-3	5.502	4.835	781605	477934	486.286	484.747
6)	L1 AR-1016-4	5.601	4.876	642415	405783	489.721	490.170
7)	L1 AR-1016-5	5.892	5.088	665521	517094	481.700	482.039
8)	L2 AR-1221-1	4.464	3.782	63074	52419	99.844	103.360
9)	L2 AR-1221-2	4.555	3.869	96976	78596	203.262	208.550
10)	L2 AR-1221-3	4.630	3.943	374235	292125	253.192	244.037
11)	L3 AR-1232-1	4.630	3.943	374235	292125	317.583	325.174
12)	L3 AR-1232-2	5.153	4.661	574266	867753	866.111	892.861
13)	L3 AR-1232-3	5.441	4.835	1224969	477934	863.475	913.322
14)	L3 AR-1232-4	5.601	4.918	642415	483573	912.616	981.500
15)	L3 AR-1232-5	5.689	5.088	608532	517094	1076.307	918.046
16)	L4 AR-1242-1	5.419	4.643	826056	599831	478.820	484.288
17)	L4 AR-1242-2	5.441	4.661	1224969	867753	482.504	482.508
18)	L4 AR-1242-3	5.502	4.835	781605	477934	480.687	486.148
19)	L4 AR-1242-4	5.601	4.918	642415	483573	480.589	496.942
20)	L4 AR-1242-5	6.332	5.435	109415	401546	66.309	339.639 #
21)	L5 AR-1248-1	5.419	4.643	826056	599831	641.092	640.490
22)	L5 AR-1248-2	5.689	4.876	608532	405783	326.659	319.402
23)	L5 AR-1248-3	5.892	4.918	665521	483573	324.430	370.298
24)	L5 AR-1248-4	6.266	5.088	623970	517094	269.687	326.525
25)	L5 AR-1248-5	6.332	5.476	109415	68618	49.748	41.459
26)	L6 AR-1254-1	6.266	5.435	623970	401546	226.673	151.829 #
27)	L6 AR-1254-2	6.482	5.582	547471	363468	140.952	168.600
28)	L6 AR-1254-3	6.848	5.995	317762	728435	77.063	198.968 #
29)	L6 AR-1254-4	7.132	6.209	219493	94595	72.925	43.058 #
30)	L6 AR-1254-5	7.548	6.623	1875335	1197482	498.012	377.726
31)	L7 AR-1260-1	7.009	6.110	1250262	970406	487.208	485.110
32)	L7 AR-1260-2	7.265	6.297	1451157	1199907	479.854	486.786
33)	L7 AR-1260-3	7.622	6.450	1162237	1092646	482.446	487.086
34)	L7 AR-1260-4	7.847	6.917	1271192	921048	485.334	494.916
35)	L7 AR-1260-5	8.156	7.159	2316429	2153653	484.397	499.417
36)	L8 AR-1262-1	7.622	6.659	1162237	1117277	248.504	267.672
37)	L8 AR-1262-2	8.156	7.159	2316429	2153653	303.842	313.458
38)	L8 AR-1262-3	8.464	7.438	1506337	544919	287.823	184.504 #
39)	L8 AR-1262-4	8.516	7.502	1090214	1574176	255.374	302.110
40)	L8 AR-1262-5	9.150	7.995	653336	560376	237.779	241.318
41)	L9 AR-1268-1	8.464	7.438	1506337	544919	185.111	72.996 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052419\
 Data File : P0056542.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2019 7:55
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

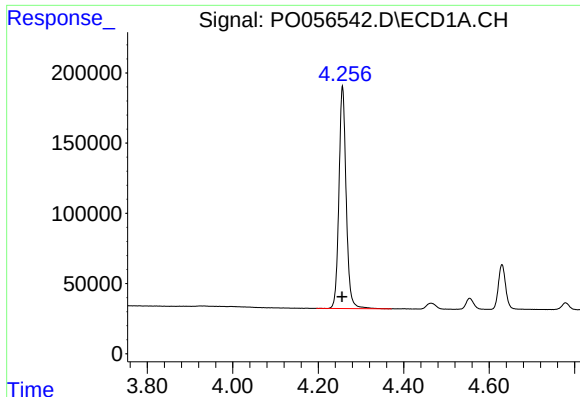
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 22:18:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
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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	8.516	7.502	1090214	1574176	134.764	225.427 #
43) L9	AR-1268-3	0.000	7.706	0	30941	N.D.	5.213 #
44) L9	AR-1268-4	9.150	7.995	653336	560376	239.574	240.067
45) L9	AR-1268-5	9.533	8.273	212160	140155	10.121	8.098

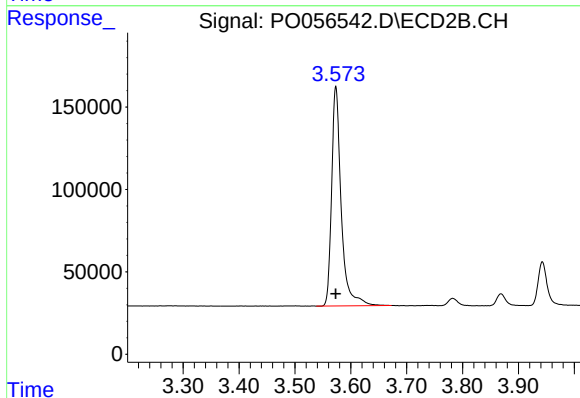
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

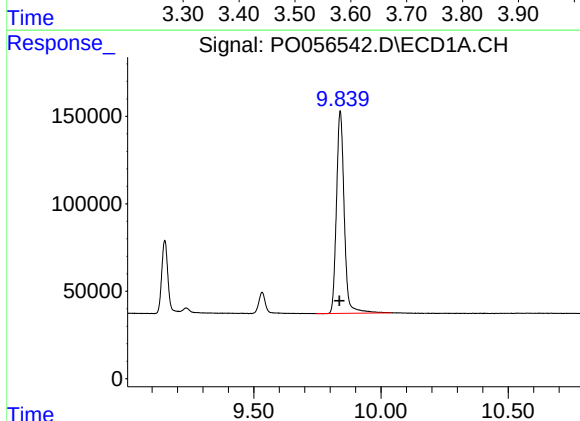
R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 1859624
Conc: 48.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



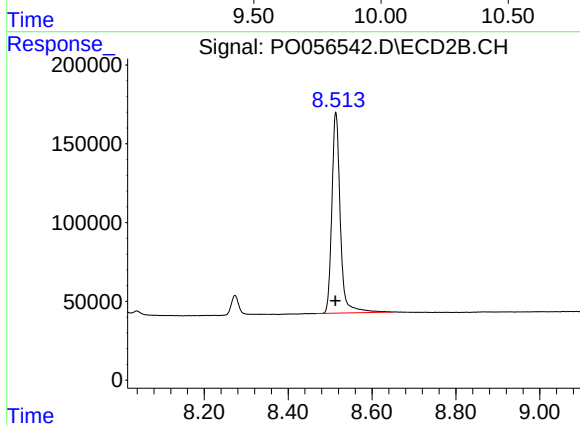
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: 0.000 min
Response: 1588393
Conc: 48.16 ng/ml



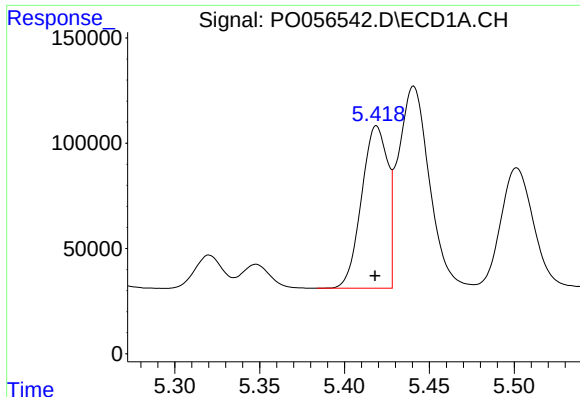
#2 Decachlorobiphenyl

R.T.: 9.840 min
Delta R.T.: 0.003 min
Response: 2452077
Conc: 49.96 ng/ml



#2 Decachlorobiphenyl

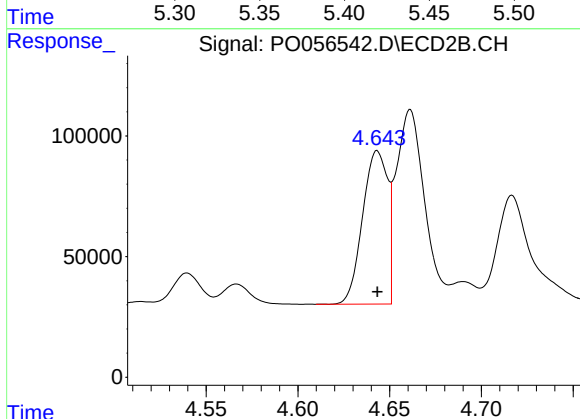
R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 1784023
Conc: 50.03 ng/ml



#3 AR-1016-1

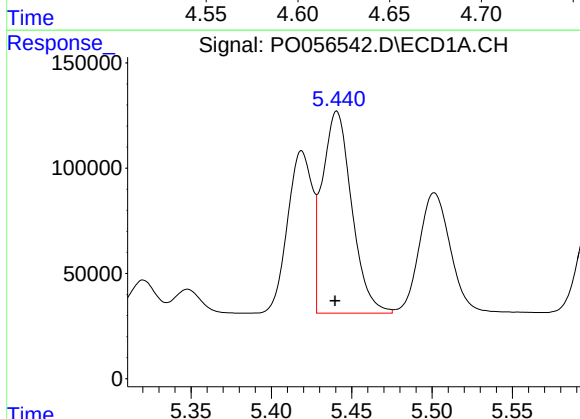
R.T.: 5.419 min
Delta R.T.: 0.001 min
Response: 826056
Conc: 459.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



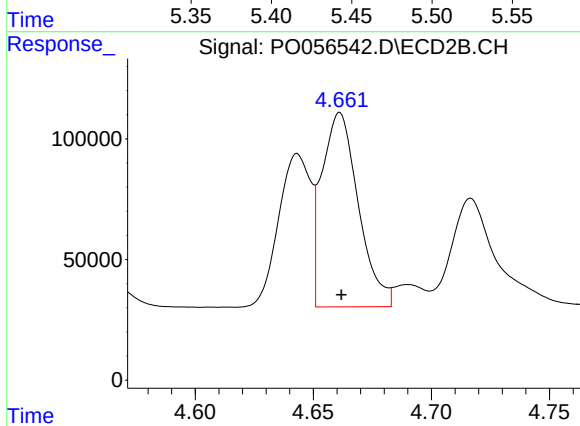
#3 AR-1016-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 599831
Conc: 476.63 ng/ml



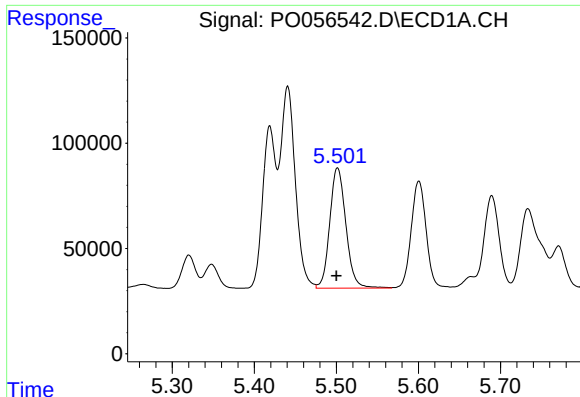
#4 AR-1016-2

R.T.: 5.441 min
Delta R.T.: 0.001 min
Response: 1224969
Conc: 487.83 ng/ml



#4 AR-1016-2

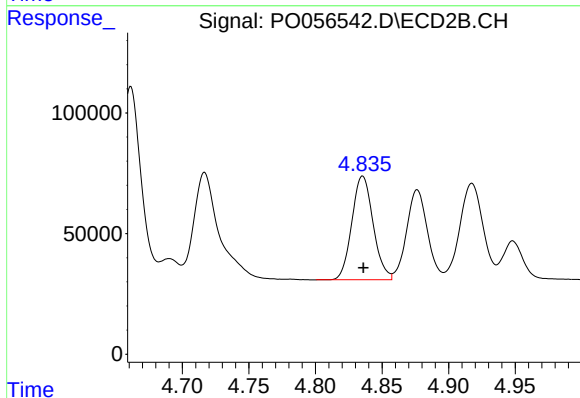
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 867753
Conc: 481.65 ng/ml



#5 AR-1016-3

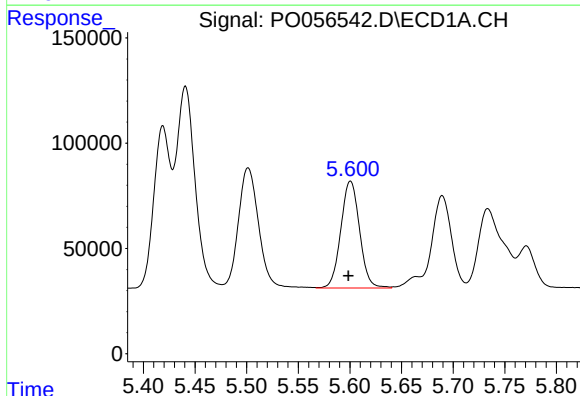
R.T.: 5.502 min
Delta R.T.: 0.001 min
Response: 781605
Conc: 486.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



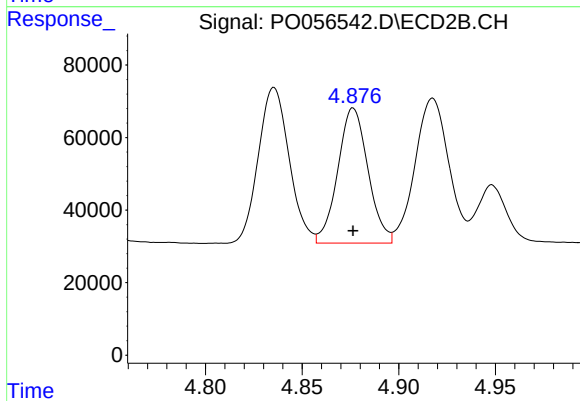
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 477934
Conc: 484.75 ng/ml



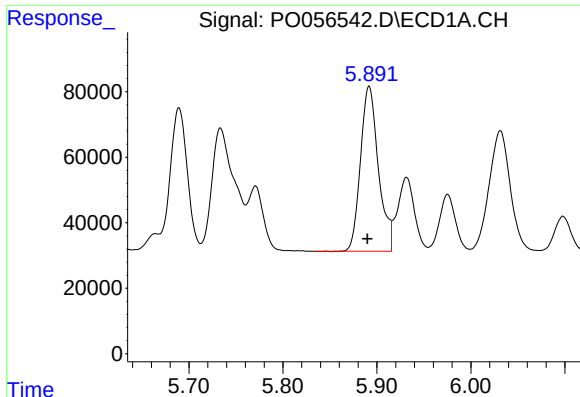
#6 AR-1016-4

R.T.: 5.601 min
Delta R.T.: 0.002 min
Response: 642415
Conc: 489.72 ng/ml



#6 AR-1016-4

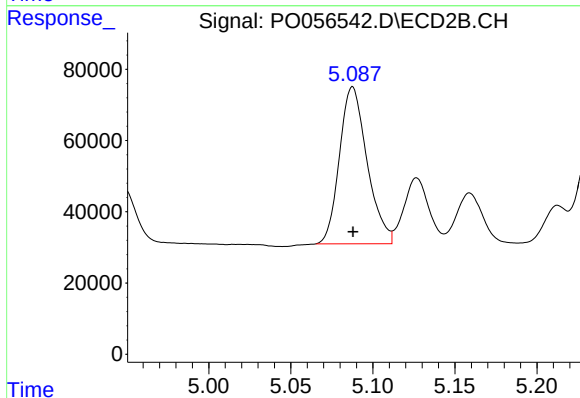
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 405783
Conc: 490.17 ng/ml



#7 AR-1016-5

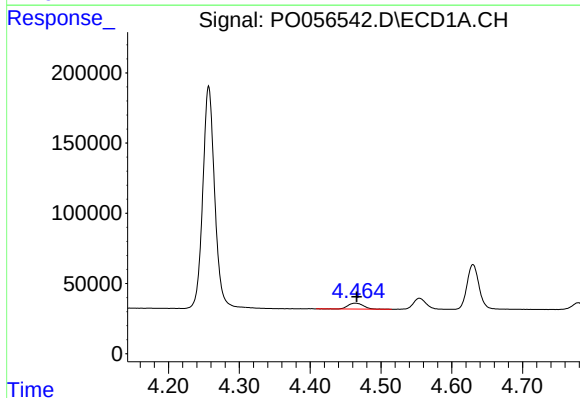
R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 665521
Conc: 481.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



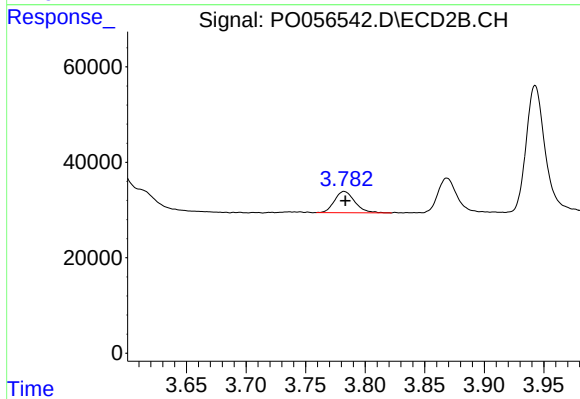
#7 AR-1016-5

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 517094
Conc: 482.04 ng/ml



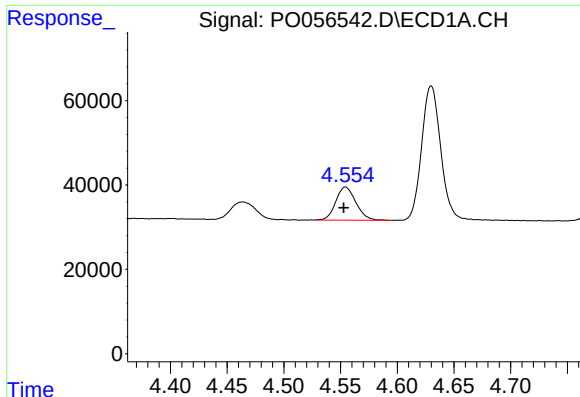
#8 AR-1221-1

R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 63074
Conc: 99.84 ng/ml



#8 AR-1221-1

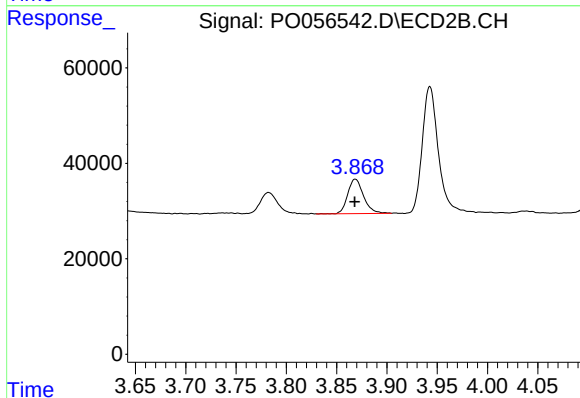
R.T.: 3.782 min
Delta R.T.: -0.001 min
Response: 52419
Conc: 103.36 ng/ml



#9 AR-1221-2

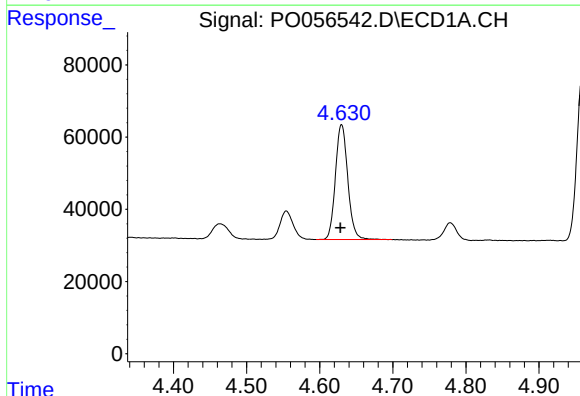
R.T.: 4.555 min
Delta R.T.: 0.002 min
Response: 96976
Conc: 203.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



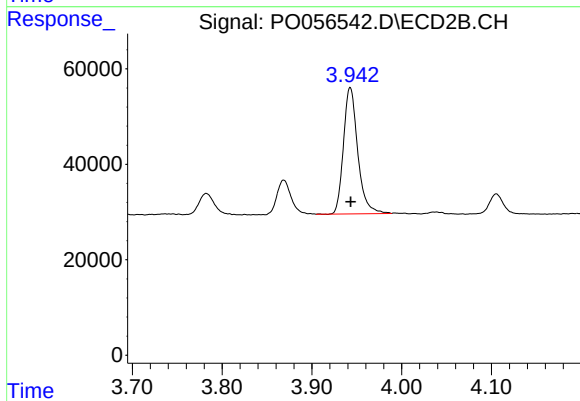
#9 AR-1221-2

R.T.: 3.869 min
Delta R.T.: 0.000 min
Response: 78596
Conc: 208.55 ng/ml



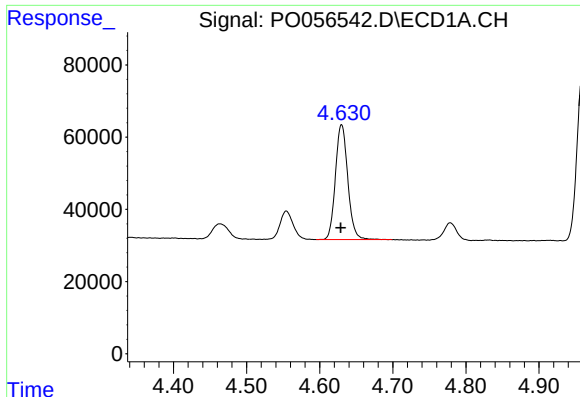
#10 AR-1221-3

R.T.: 4.630 min
Delta R.T.: 0.002 min
Response: 374235
Conc: 253.19 ng/ml



#10 AR-1221-3

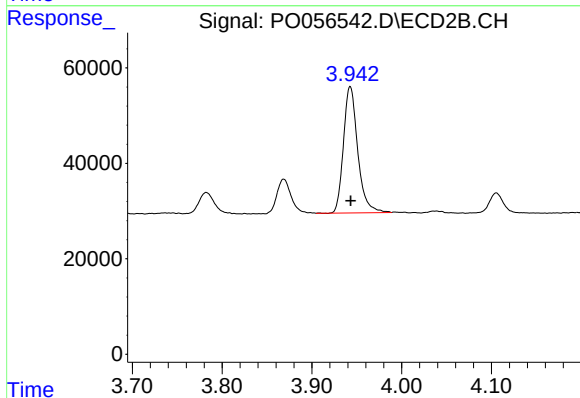
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 292125
Conc: 244.04 ng/ml



#11 AR-1232-1

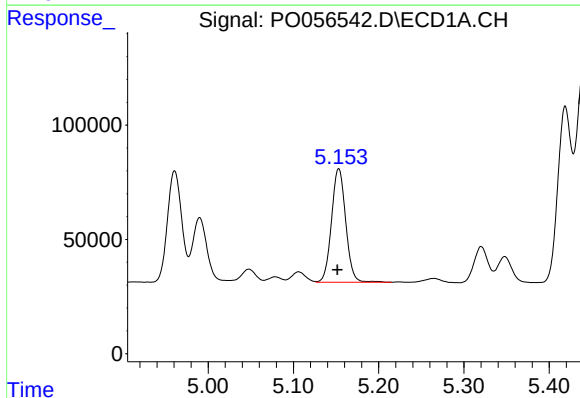
R.T.: 4.630 min
Delta R.T.: 0.001 min
Response: 374235
Conc: 317.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



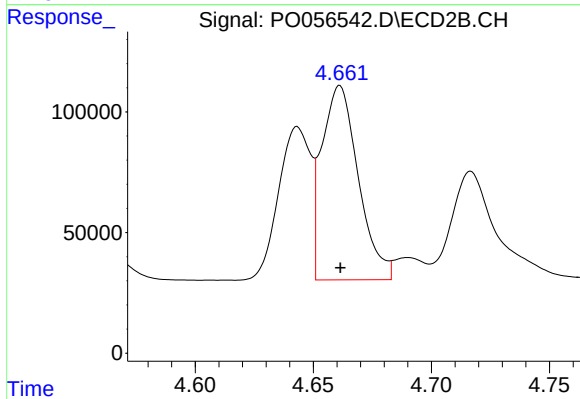
#11 AR-1232-1

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 292125
Conc: 325.17 ng/ml



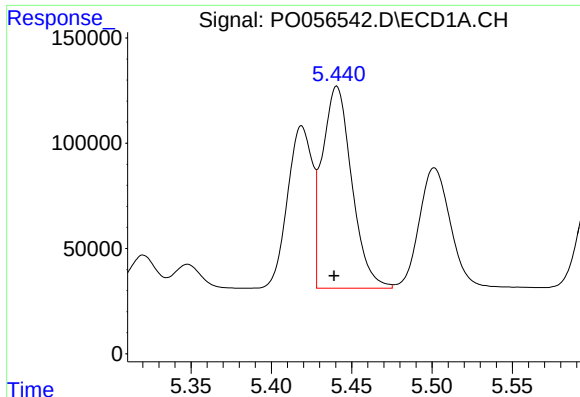
#12 AR-1232-2

R.T.: 5.153 min
Delta R.T.: 0.001 min
Response: 574266
Conc: 866.11 ng/ml



#12 AR-1232-2

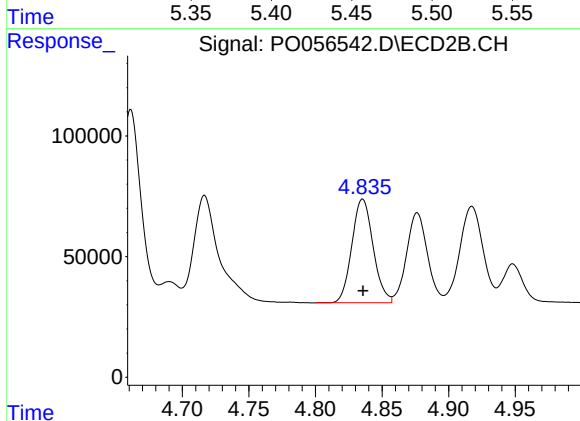
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 867753
Conc: 892.86 ng/ml



#13 AR-1232-3

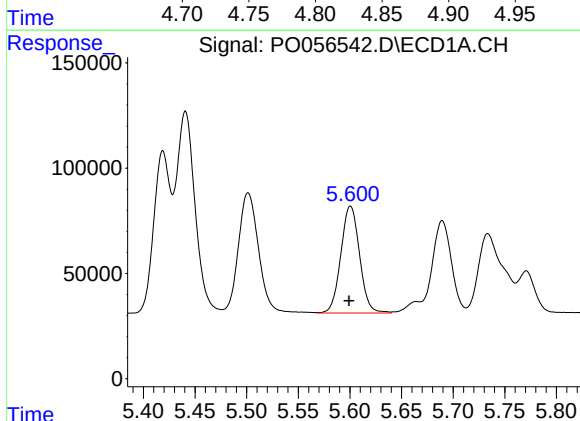
R.T.: 5.441 min
Delta R.T.: 0.002 min
Response: 1224969
Conc: 863.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



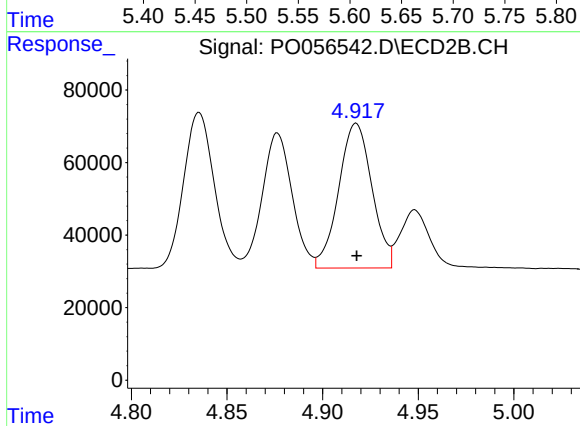
#13 AR-1232-3

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 477934
Conc: 913.32 ng/ml



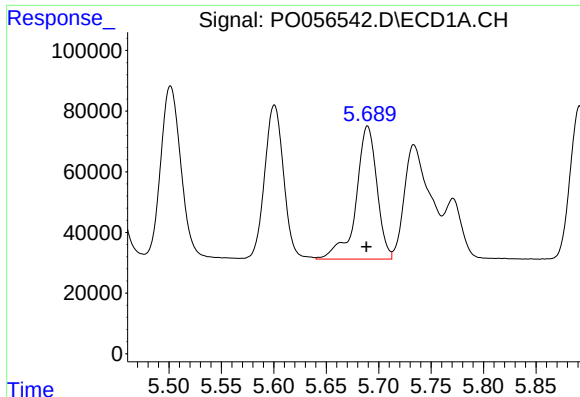
#14 AR-1232-4

R.T.: 5.601 min
Delta R.T.: 0.001 min
Response: 642415
Conc: 912.62 ng/ml



#14 AR-1232-4

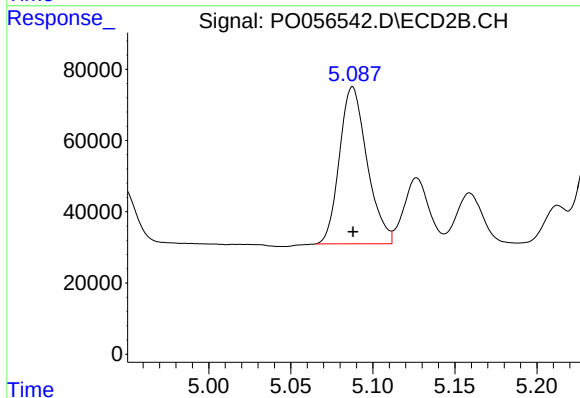
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 483573
Conc: 981.50 ng/ml



#15 AR-1232-5

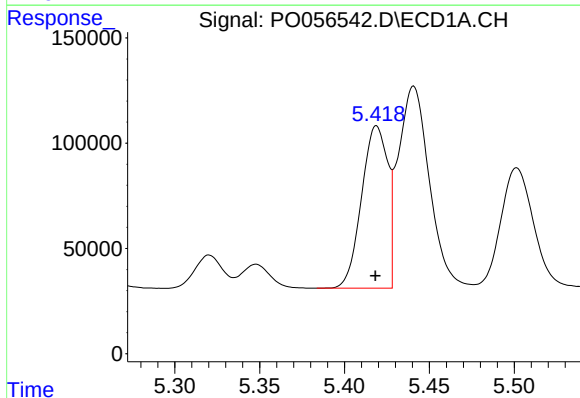
R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 608532
Conc: 1076.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



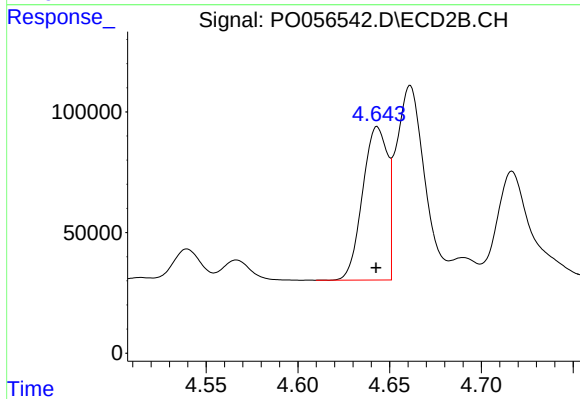
#15 AR-1232-5

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 517094
Conc: 918.05 ng/ml



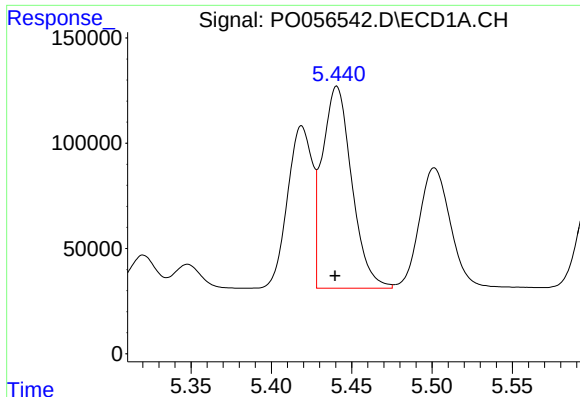
#16 AR-1242-1

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 826056
Conc: 478.82 ng/ml



#16 AR-1242-1

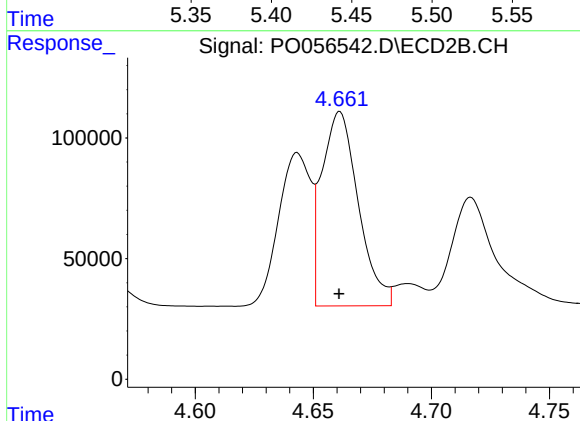
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 599831
Conc: 484.29 ng/ml



#17 AR-1242-2

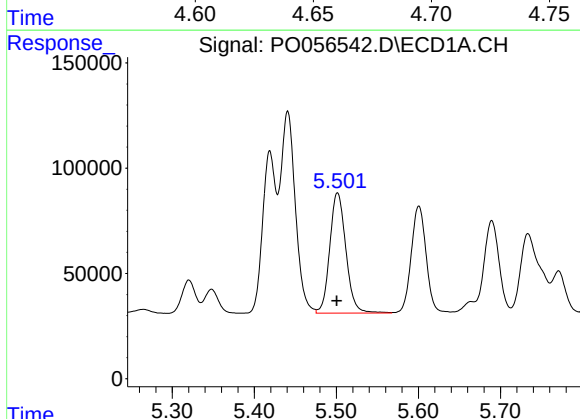
R.T.: 5.441 min
Delta R.T.: 0.001 min
Response: 1224969
Conc: 482.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



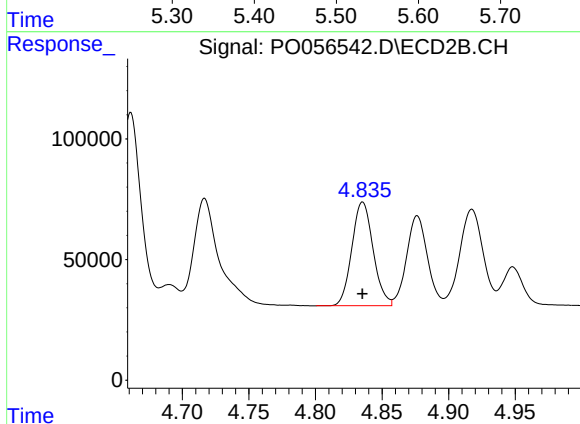
#17 AR-1242-2

R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 867753
Conc: 482.51 ng/ml



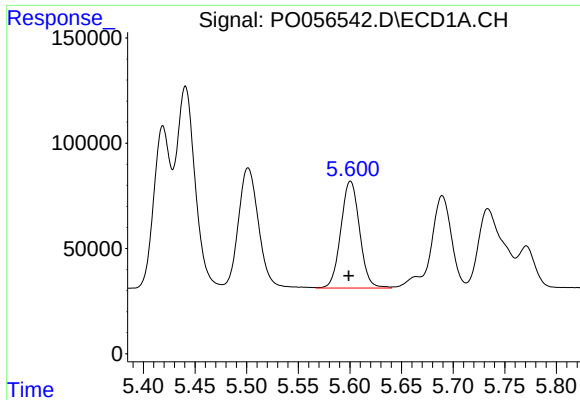
#18 AR-1242-3

R.T.: 5.502 min
Delta R.T.: 0.001 min
Response: 781605
Conc: 480.69 ng/ml



#18 AR-1242-3

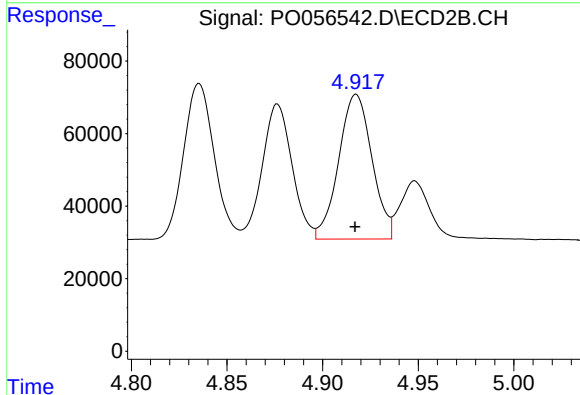
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 477934
Conc: 486.15 ng/ml



#19 AR-1242-4

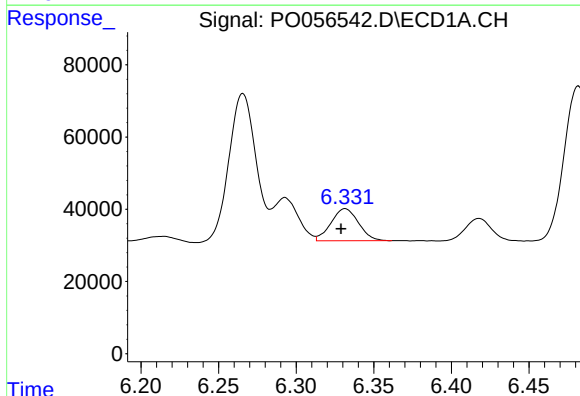
R.T.: 5.601 min
Delta R.T.: 0.002 min
Response: 642415
Conc: 480.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



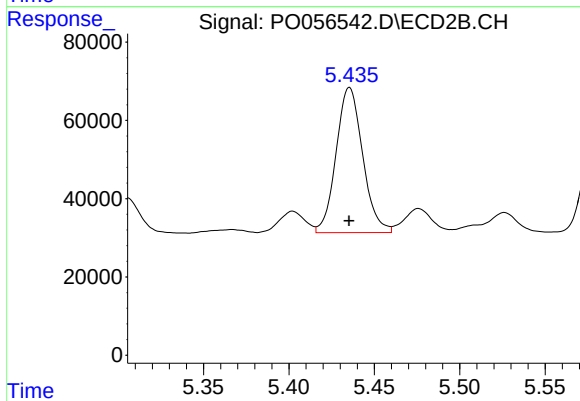
#19 AR-1242-4

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 483573
Conc: 496.94 ng/ml



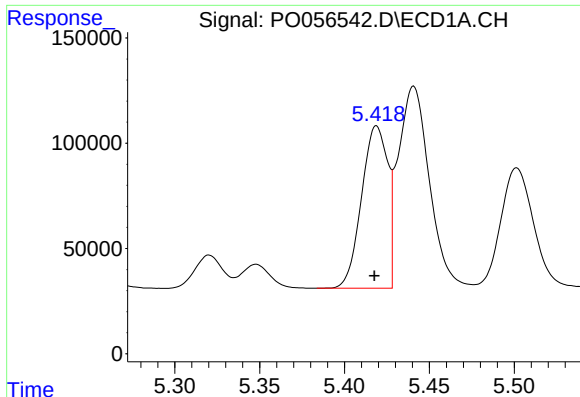
#20 AR-1242-5

R.T.: 6.332 min
Delta R.T.: 0.003 min
Response: 109415
Conc: 66.31 ng/ml



#20 AR-1242-5

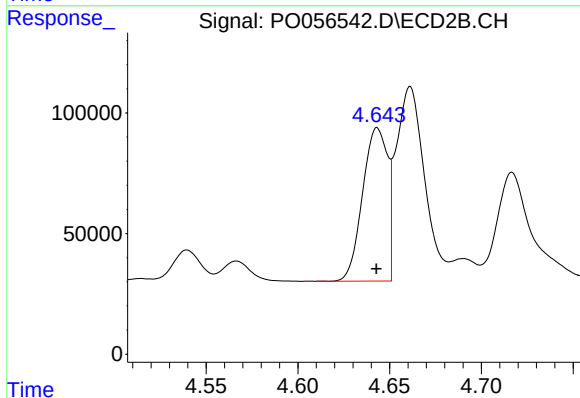
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 401546
Conc: 339.64 ng/ml



#21 AR-1248-1

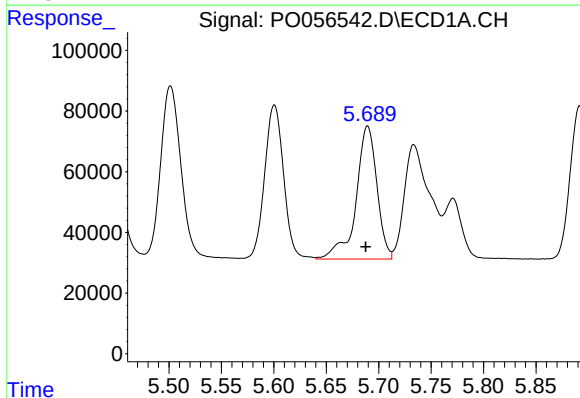
R.T.: 5.419 min
Delta R.T.: 0.002 min
Response: 826056
Conc: 641.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



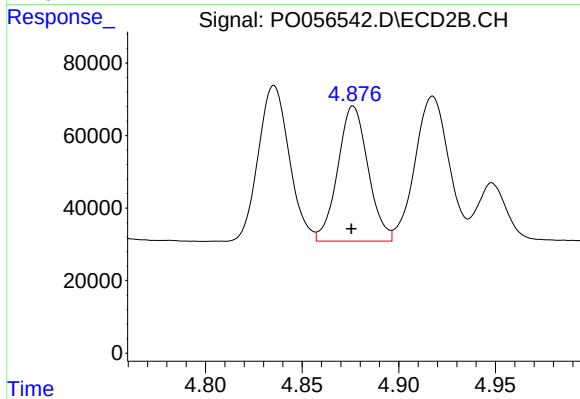
#21 AR-1248-1

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 599831
Conc: 640.49 ng/ml



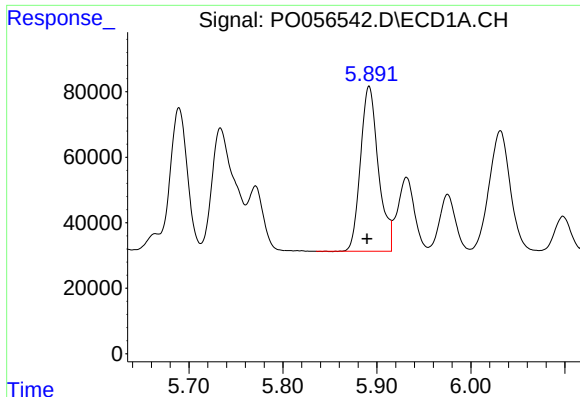
#22 AR-1248-2

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 608532
Conc: 326.66 ng/ml



#22 AR-1248-2

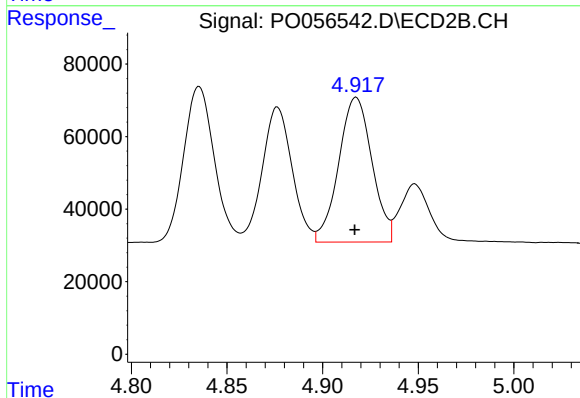
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 405783
Conc: 319.40 ng/ml



#23 AR-1248-3

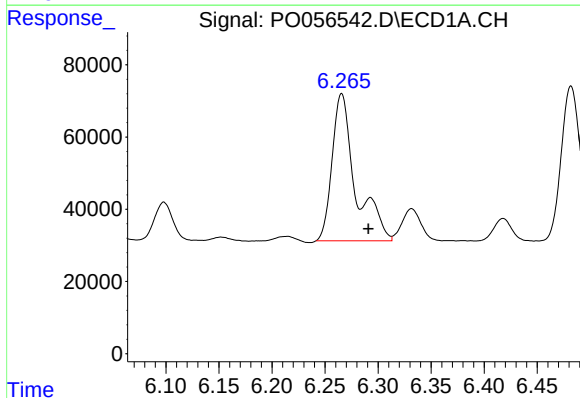
R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 665521
Conc: 324.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



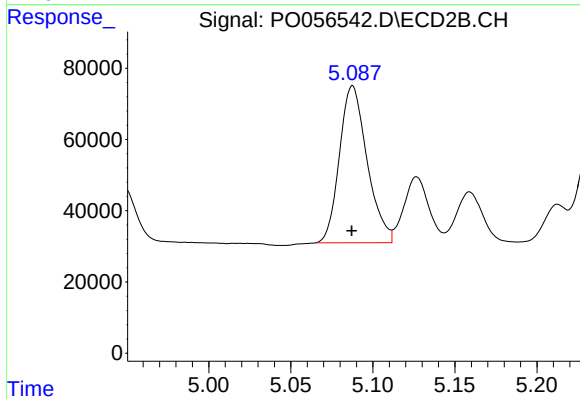
#23 AR-1248-3

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 483573
Conc: 370.30 ng/ml



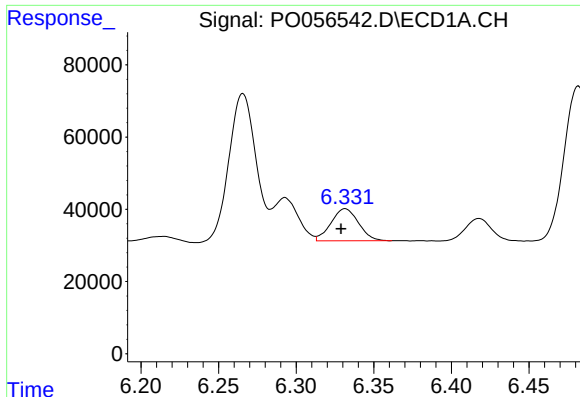
#24 AR-1248-4

R.T.: 6.266 min
Delta R.T.: -0.025 min
Response: 623970
Conc: 269.69 ng/ml



#24 AR-1248-4

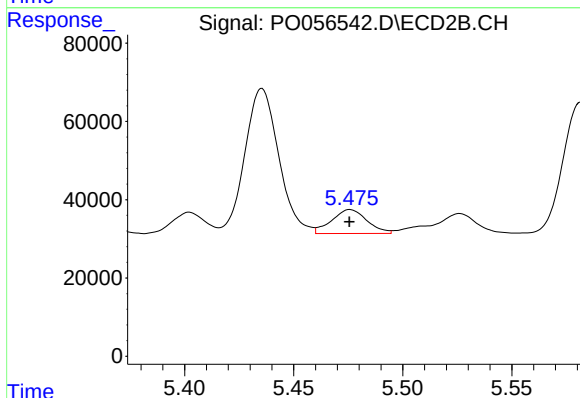
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 517094
Conc: 326.53 ng/ml



#25 AR-1248-5

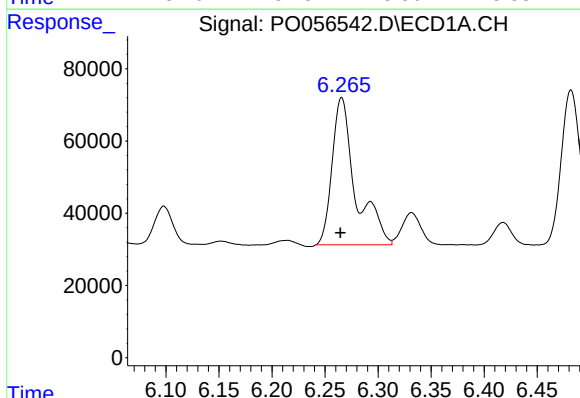
R.T.: 6.332 min
Delta R.T.: 0.003 min
Response: 109415
Conc: 49.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



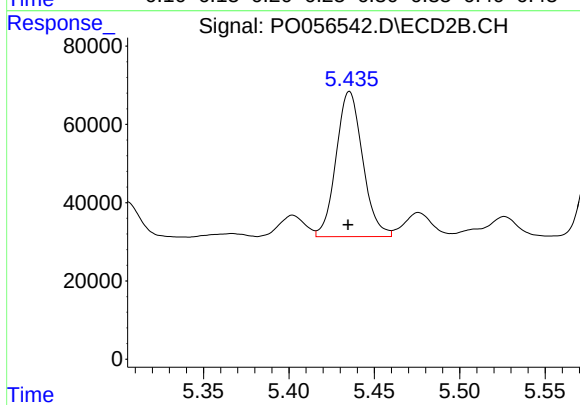
#25 AR-1248-5

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 68618
Conc: 41.46 ng/ml



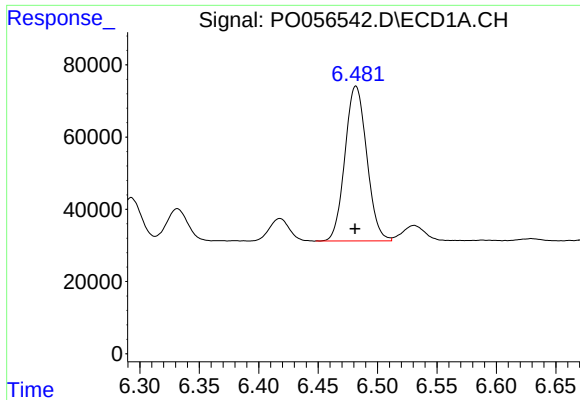
#26 AR-1254-1

R.T.: 6.266 min
Delta R.T.: 0.001 min
Response: 623970
Conc: 226.67 ng/ml



#26 AR-1254-1

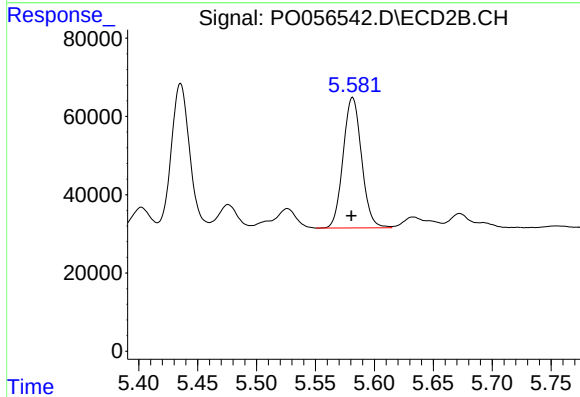
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 401546
Conc: 151.83 ng/ml



#27 AR-1254-2

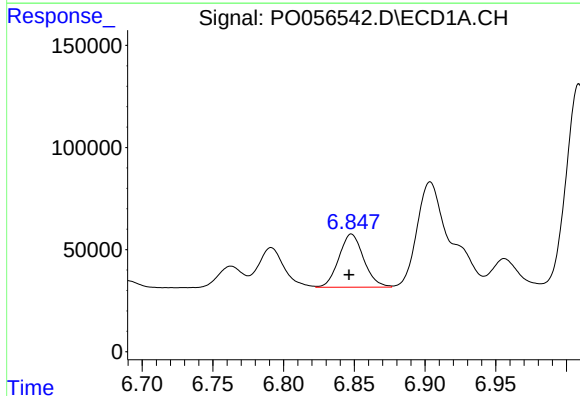
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 547471
Conc: 140.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



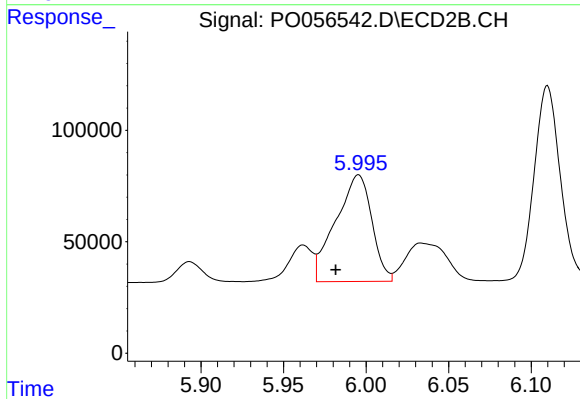
#27 AR-1254-2

R.T.: 5.582 min
Delta R.T.: 0.001 min
Response: 363468
Conc: 168.60 ng/ml



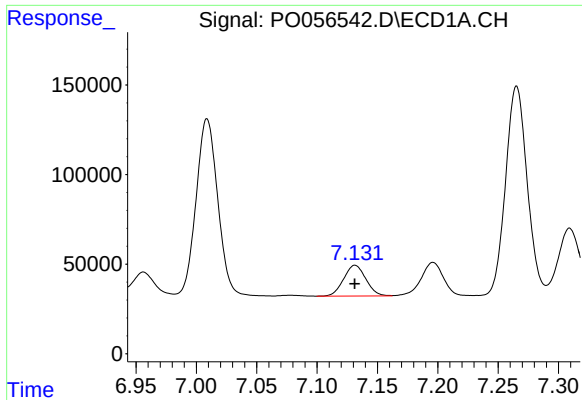
#28 AR-1254-3

R.T.: 6.848 min
Delta R.T.: 0.002 min
Response: 317762
Conc: 77.06 ng/ml



#28 AR-1254-3

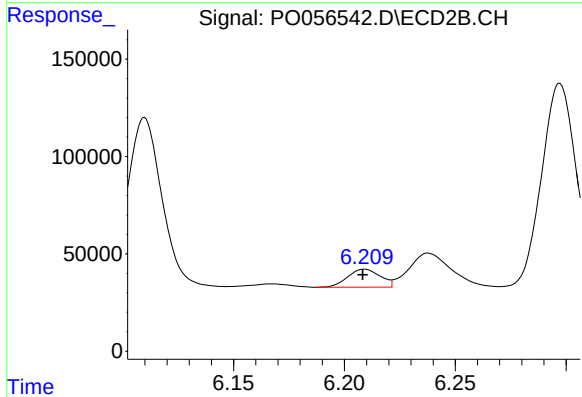
R.T.: 5.995 min
Delta R.T.: 0.014 min
Response: 728435
Conc: 198.97 ng/ml



#29 AR-1254-4

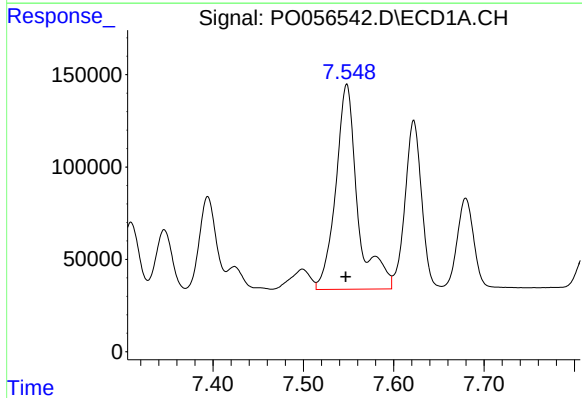
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 219493
Conc: 72.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



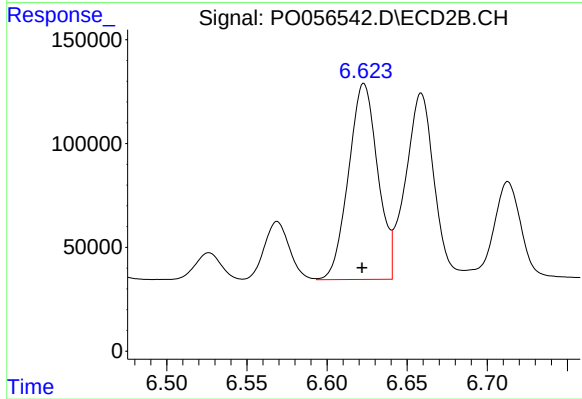
#29 AR-1254-4

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 94595
Conc: 43.06 ng/ml



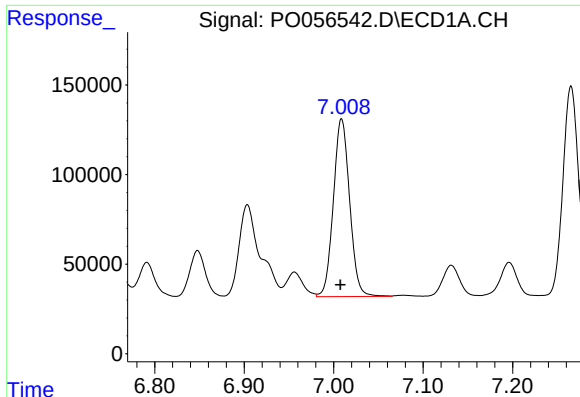
#30 AR-1254-5

R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 1875335
Conc: 498.01 ng/ml



#30 AR-1254-5

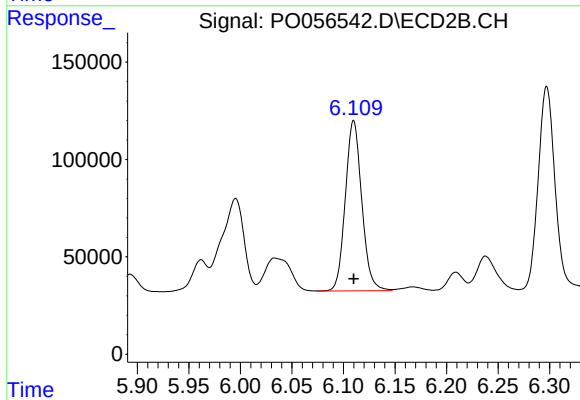
R.T.: 6.623 min
Delta R.T.: 0.001 min
Response: 1197482
Conc: 377.73 ng/ml



#31 AR-1260-1

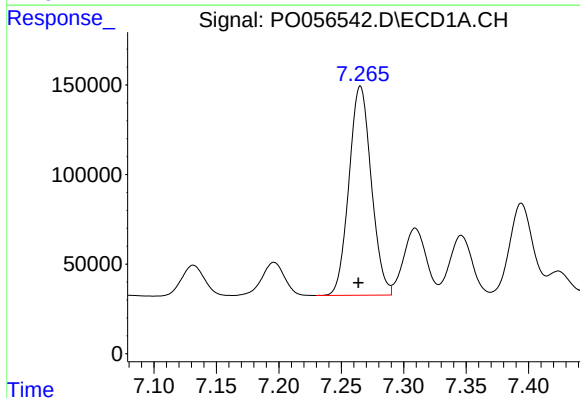
R.T.: 7.009 min
Delta R.T.: 0.001 min
Response: 1250262
Conc: 487.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



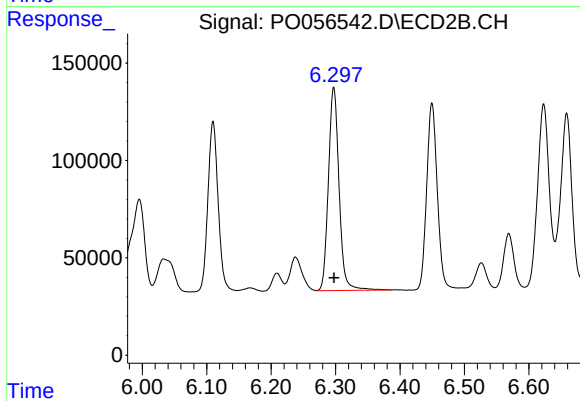
#31 AR-1260-1

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 970406
Conc: 485.11 ng/ml



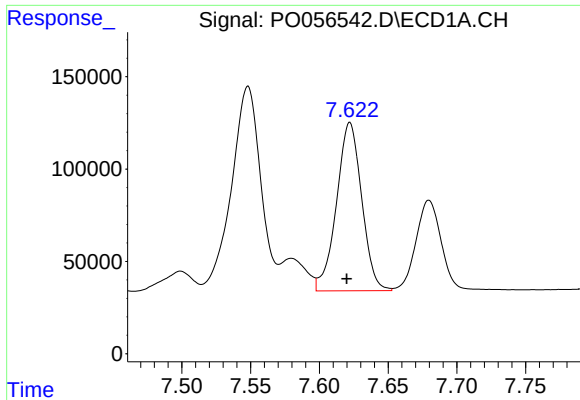
#32 AR-1260-2

R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 1451157
Conc: 479.85 ng/ml



#32 AR-1260-2

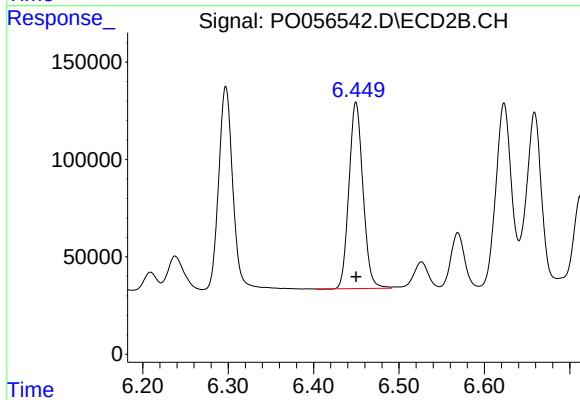
R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 1199907
Conc: 486.79 ng/ml



#33 AR-1260-3

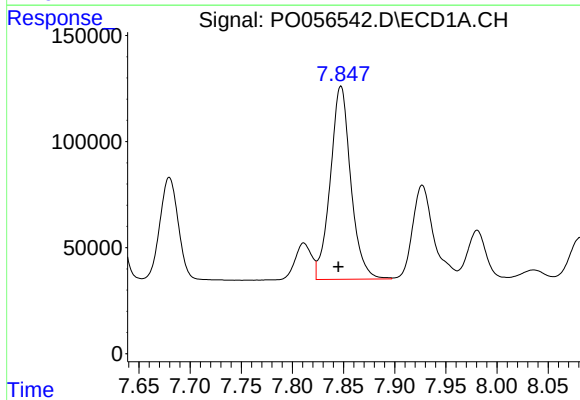
R.T.: 7.622 min
Delta R.T.: 0.002 min
Response: 1162237
Conc: 482.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



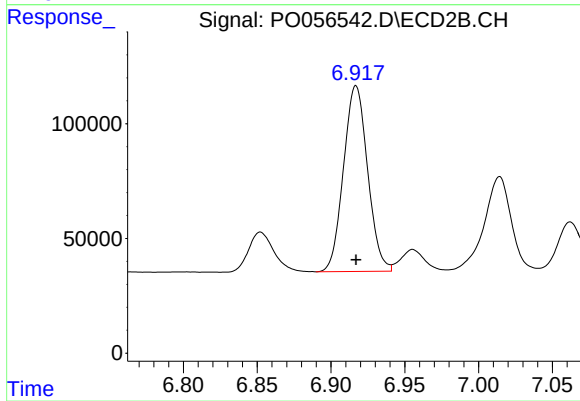
#33 AR-1260-3

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1092646
Conc: 487.09 ng/ml



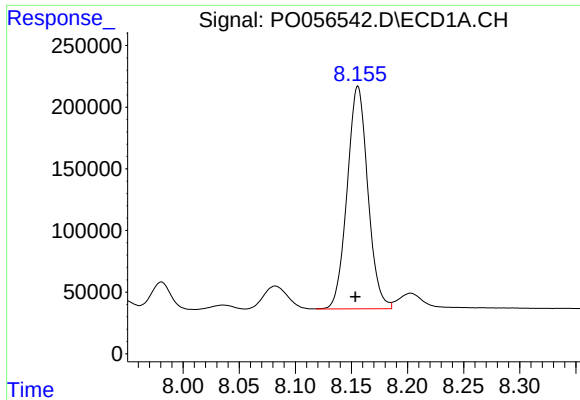
#34 AR-1260-4

R.T.: 7.847 min
Delta R.T.: 0.002 min
Response: 1271192
Conc: 485.33 ng/ml



#34 AR-1260-4

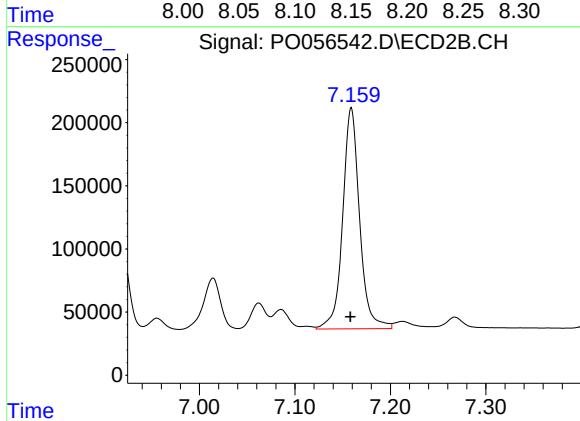
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 921048
Conc: 494.92 ng/ml



#35 AR-1260-5

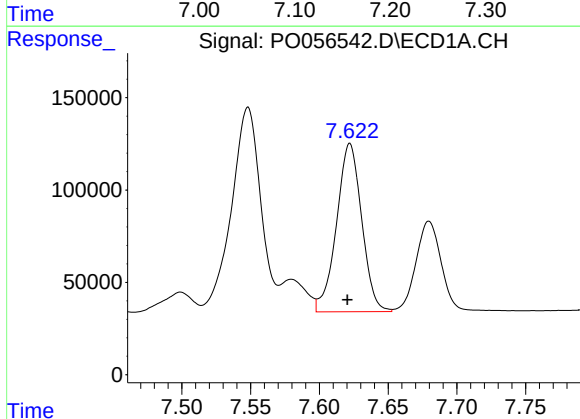
R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 2316429
Conc: 484.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



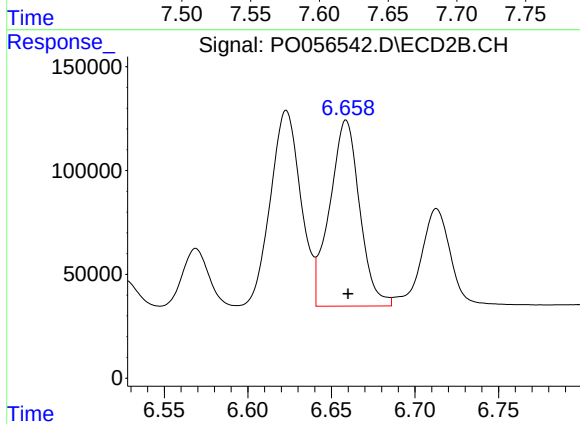
#35 AR-1260-5

R.T.: 7.159 min
Delta R.T.: 0.001 min
Response: 2153653
Conc: 499.42 ng/ml



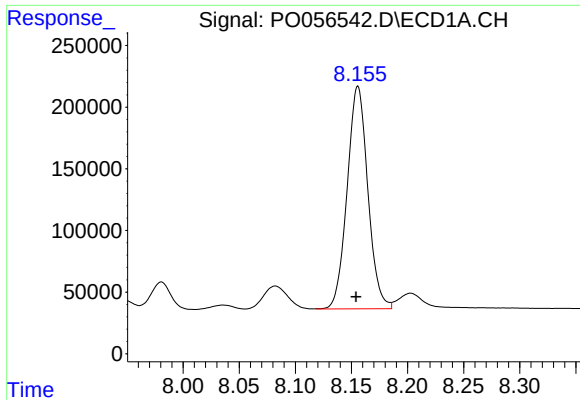
#36 AR-1262-1

R.T.: 7.622 min
Delta R.T.: 0.002 min
Response: 1162237
Conc: 248.50 ng/ml



#36 AR-1262-1

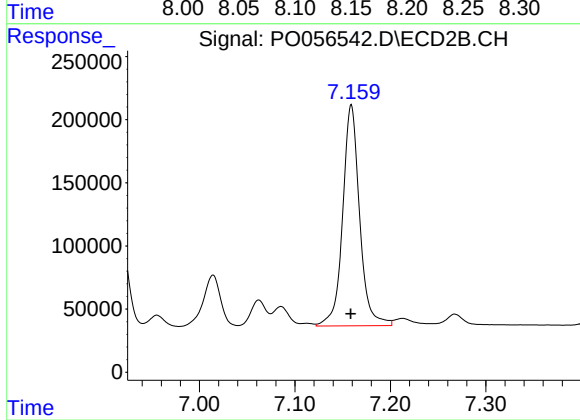
R.T.: 6.659 min
Delta R.T.: -0.001 min
Response: 1117277
Conc: 267.67 ng/ml



#37 AR-1262-2

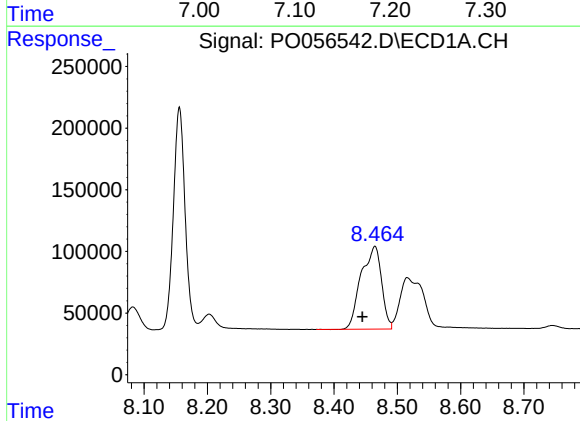
R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 2316429
Conc: 303.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



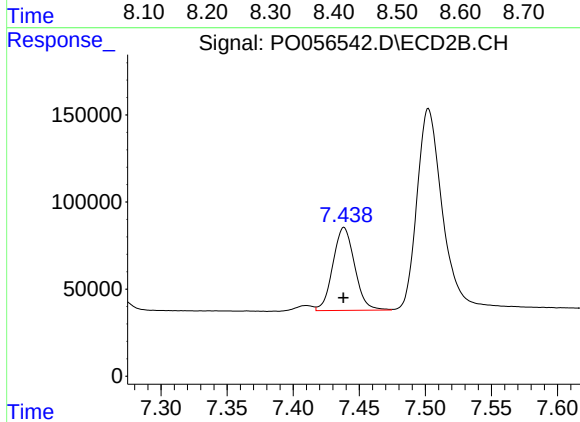
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 2153653
Conc: 313.46 ng/ml



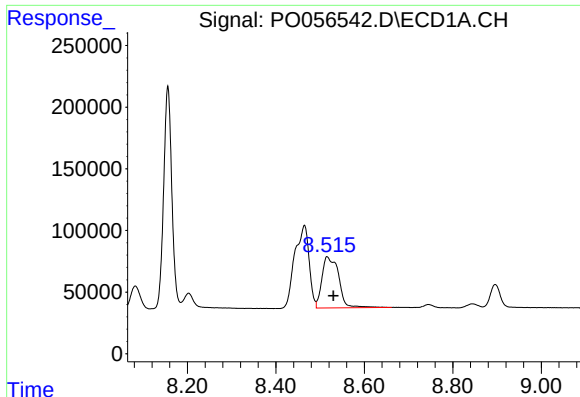
#38 AR-1262-3

R.T.: 8.464 min
Delta R.T.: 0.019 min
Response: 1506337
Conc: 287.82 ng/ml



#38 AR-1262-3

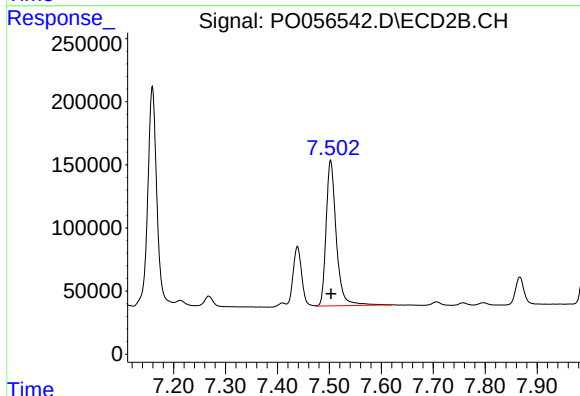
R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 544919
Conc: 184.50 ng/ml



#39 AR-1262-4

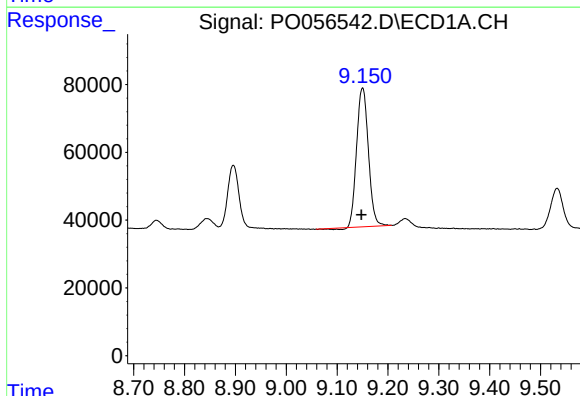
R.T.: 8.516 min
Delta R.T.: -0.014 min
Response: 1090214
Conc: 255.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



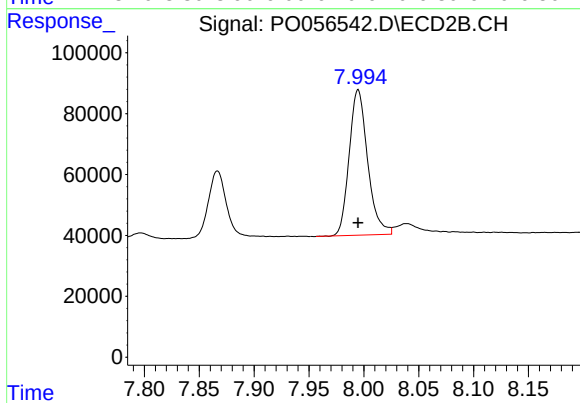
#39 AR-1262-4

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 1574176
Conc: 302.11 ng/ml



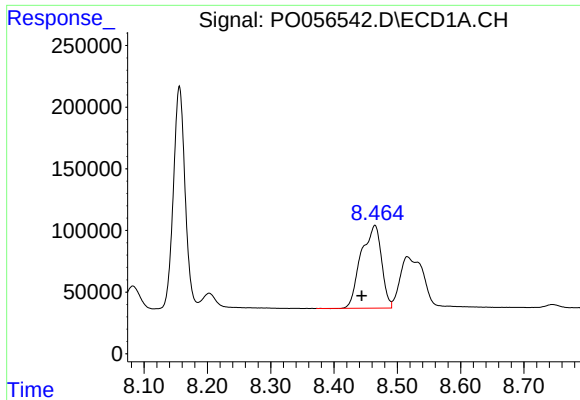
#40 AR-1262-5

R.T.: 9.150 min
Delta R.T.: 0.002 min
Response: 653336
Conc: 237.78 ng/ml



#40 AR-1262-5

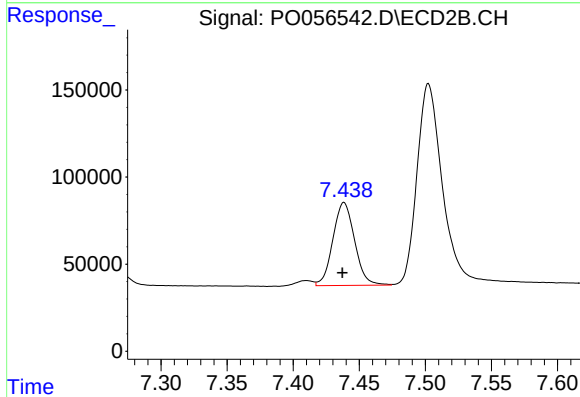
R.T.: 7.995 min
Delta R.T.: 0.000 min
Response: 560376
Conc: 241.32 ng/ml



#41 AR-1268-1

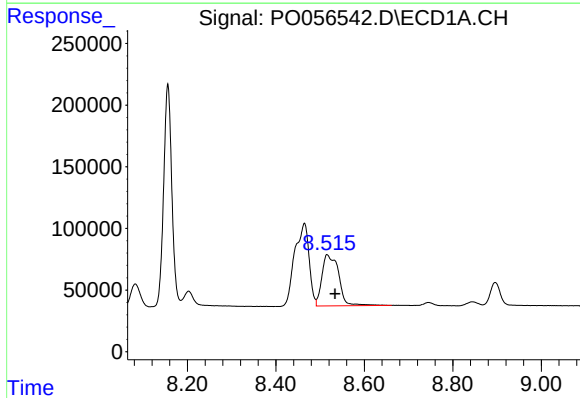
R.T.: 8.464 min
Delta R.T.: 0.020 min
Response: 1506337
Conc: 185.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



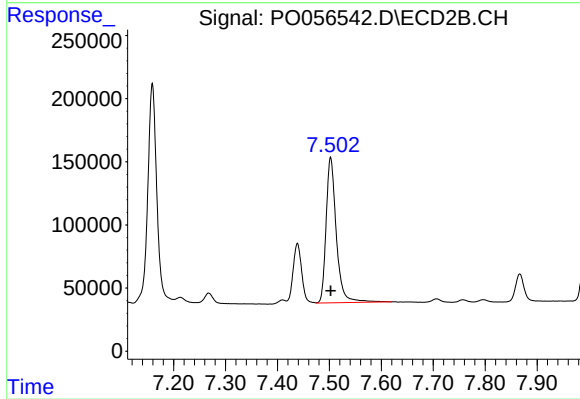
#41 AR-1268-1

R.T.: 7.438 min
Delta R.T.: 0.001 min
Response: 544919
Conc: 73.00 ng/ml



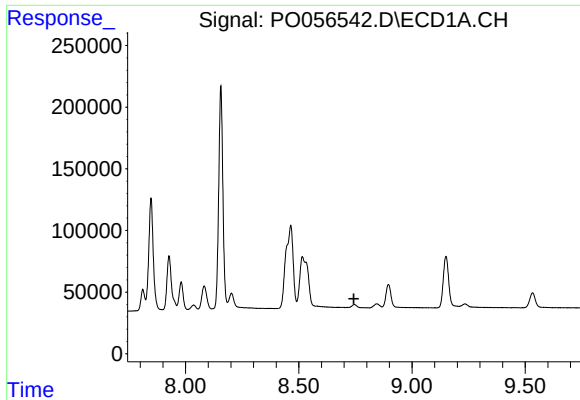
#42 AR-1268-2

R.T.: 8.516 min
Delta R.T.: -0.017 min
Response: 1090214
Conc: 134.76 ng/ml



#42 AR-1268-2

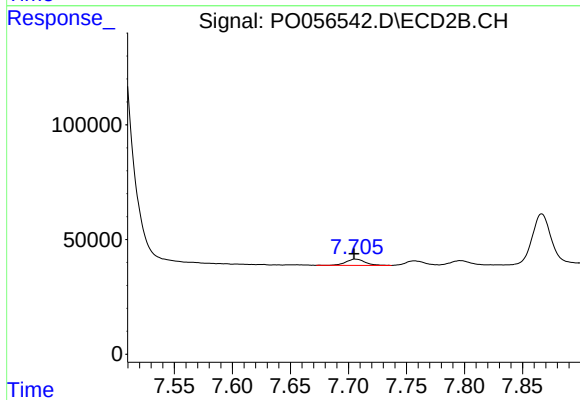
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 1574176
Conc: 225.43 ng/ml



#43 AR-1268-3

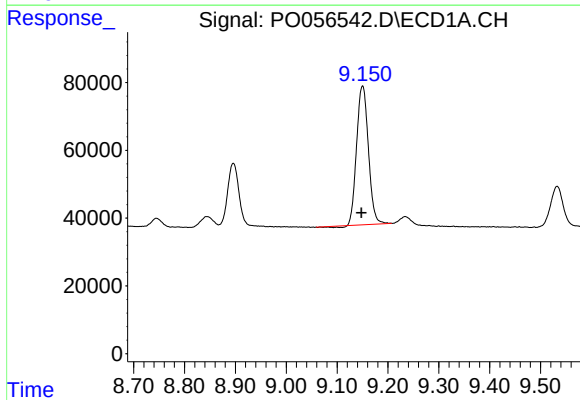
R.T.: 0.000 min
Exp R.T.: 8.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



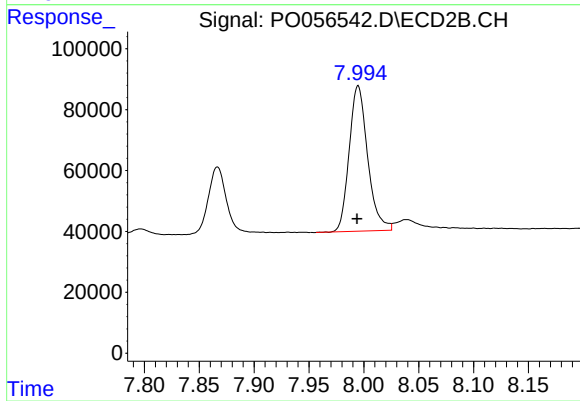
#43 AR-1268-3

R.T.: 7.706 min
Delta R.T.: 0.001 min
Response: 30941
Conc: 5.21 ng/ml



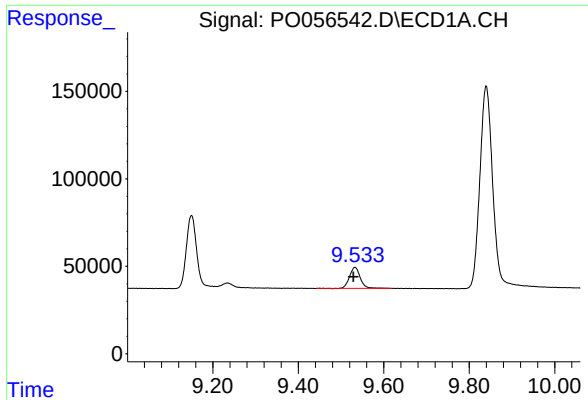
#44 AR-1268-4

R.T.: 9.150 min
Delta R.T.: 0.002 min
Response: 653336
Conc: 239.57 ng/ml



#44 AR-1268-4

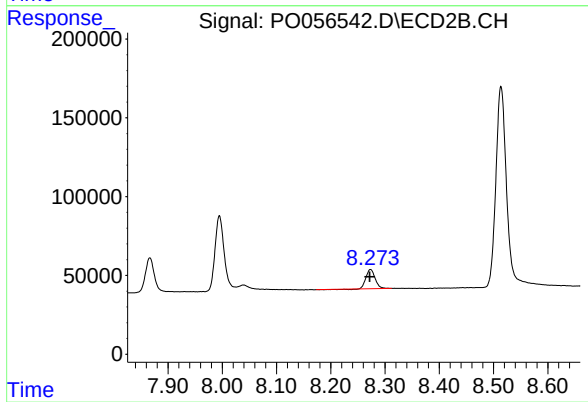
R.T.: 7.995 min
Delta R.T.: 0.000 min
Response: 560376
Conc: 240.07 ng/ml



#45 AR-1268-5

R.T.: 9.533 min
Delta R.T.: 0.004 min
Response: 212160
Conc: 10.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.273 min
Delta R.T.: 0.001 min
Response: 140155
Conc: 8.10 ng/ml