

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051721\
 Data File : P0077866.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 May 2021 11:15
 Operator : DD\AJ
 Sample : M2283-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 12:47:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 05:52:29 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...	4.349	3.629	1597916	649082	27.221	25.509
2)	SA Decachlor...	9.966	8.823	917751	571337	22.200	23.773
Target Compounds							
3)	L1 AR-1016-1	5.645	4.860	1214621	567746	624.795	574.638
4)	L1 AR-1016-2	5.667	4.879	1758202	782765	608.196	562.513
5)	L1 AR-1016-3	5.731	5.067	1054476	408028	589.444	574.456
6)	L1 AR-1016-4	5.836	5.120	841837	336438	606.270	562.017
7)	L1 AR-1016-5	6.147	5.344	750978	425291	536.245	583.495
8)	L2 AR-1221-1	4.595	3.881	104545	59266	151.260	187.531
9)	L2 AR-1221-2	4.695	3.979	150868	64468	296.592	270.059
10)	L2 AR-1221-3	4.781	4.065	716119	299425	429.160	382.406
11)	L3 AR-1232-1	4.781	4.065	716119	299425	542.963	522.936
12)	L3 AR-1232-2	5.355	4.879	1194592	782765	1791.904	1355.053
13)	L3 AR-1232-3	5.667	5.067	1758202	408028	1460.778	1427.868
14)	L3 AR-1232-4	5.836	5.163	841837	434723	1521.016	1630.135
15)	L3 AR-1232-5	5.936	5.344	648492	425291	1632.846	1515.242
16)	L4 AR-1242-1	5.645	4.860	1214621	567746	810.403	769.281
17)	L4 AR-1242-2	5.667	4.879	1758202	782765	779.115	750.085
18)	L4 AR-1242-3	5.731	5.067	1054476	408028	761.419	753.520
19)	L4 AR-1242-4	5.836	5.163	841837	434723	779.360	768.084
20)	L4 AR-1242-5	6.607	5.717	115081	397300	101.136	577.732 #
21)	L5 AR-1248-1	5.645	4.860	1214621	567746	1058.606	1007.606
22)	L5 AR-1248-2	5.936	5.120	648492	336438	408.421	421.479
23)	L5 AR-1248-3	6.147	5.163	750978	434723	407.507	538.617 #
24)	L5 AR-1248-4	6.568	5.344	160981	425291	82.167	443.430 #
25)	L5 AR-1248-5	6.607	5.760	115081	75432	60.246	81.641 #
26)	L6 AR-1254-1	6.538	5.717	626187	397300	295.154	269.974
27)	L6 AR-1254-2	6.766	5.875	875302	369029	269.273	273.461
28)	L6 AR-1254-3	7.142	6.309	756411	681964	229.456	336.625 #
29)	L6 AR-1254-4	7.431	6.526	347242	73942	149.535	59.062 #
30)	L6 AR-1254-5	7.856	6.950	2040715	1627326	781.866	858.721
31)	L7 AR-1260-1	7.306	6.424	1618089	830368	636.477	563.641
32)	L7 AR-1260-2	7.572	6.620	2273827	1017577	814.173	586.637 #
33)	L7 AR-1260-3	7.931	6.771	1071217	828219	537.410	505.815
34)	L7 AR-1260-4	8.157	7.248	1377281	674599	630.685	557.575
35)	L7 AR-1260-5	8.470	7.496	2444968	1506529	565.058	529.870
36)	L8 AR-1262-1	7.931	6.950	1071217	1627326	341.029	1645.798 #
37)	L8 AR-1262-2	8.470	7.496	2444968	1506529	475.725	452.433
38)	L8 AR-1262-3	8.759	7.778	1504560	313477	437.327	227.136 #
39)	L8 AR-1262-4	8.803f	7.840	832414	1109120	530.500	444.565
40)	L8 AR-1262-5	9.369	8.336	416763	318557	237.786	274.459
41)	L9 AR-1268-1	8.759	7.778	1504560	313477	257.438	86.293 #

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 ALS Vial : 8 Sample Multiplier: 1

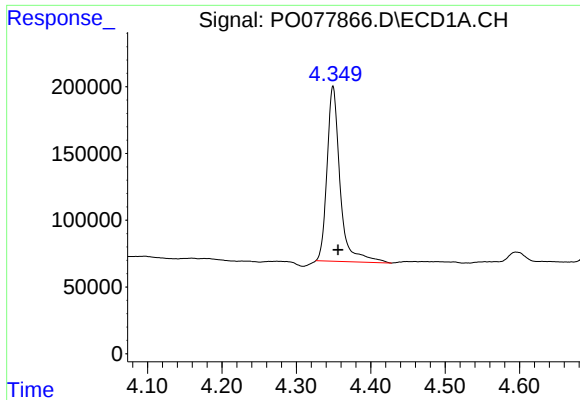
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
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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
42) L9	AR-1268-2	8.803f	7.840	832414	1109120	150.826	336.409 #
43) L9	AR-1268-3	9.005	8.045	38195	31147	8.409	10.879 #
44) L9	AR-1268-4	9.369	8.336	416763	318557	225.597	260.694
45) L9	AR-1268-5	9.700	8.605	187530	115311	12.747	13.429

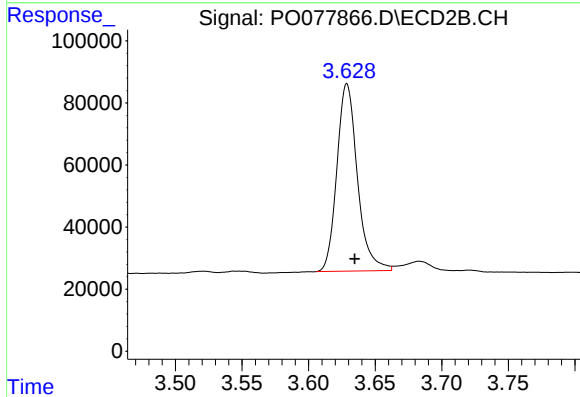
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

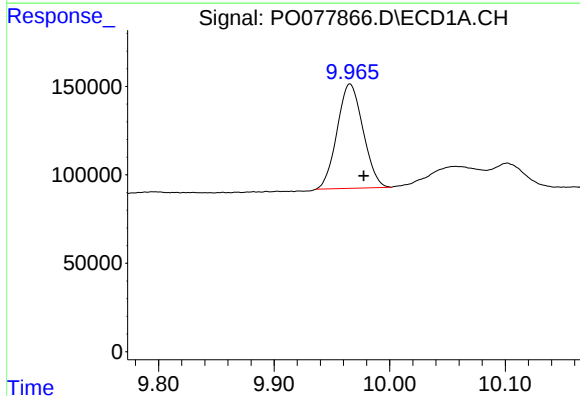
R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 1597916
Conc: 27.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



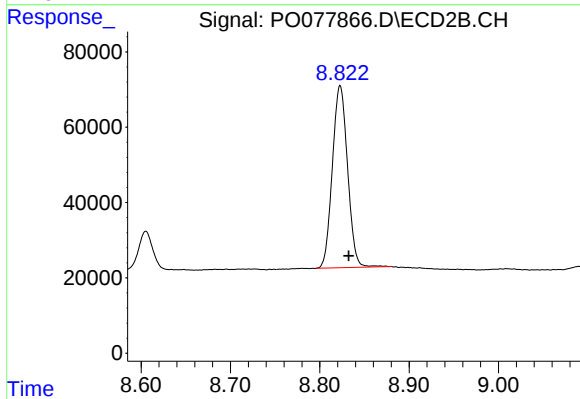
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: -0.006 min
Response: 649082
Conc: 25.51 ng/ml



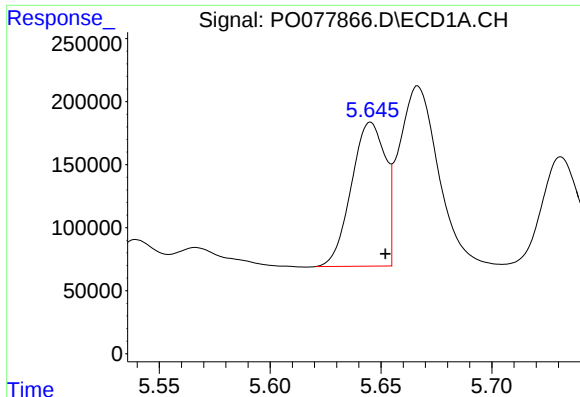
#2 Decachlorobiphenyl

R.T.: 9.966 min
Delta R.T.: -0.012 min
Response: 917751
Conc: 22.20 ng/ml



#2 Decachlorobiphenyl

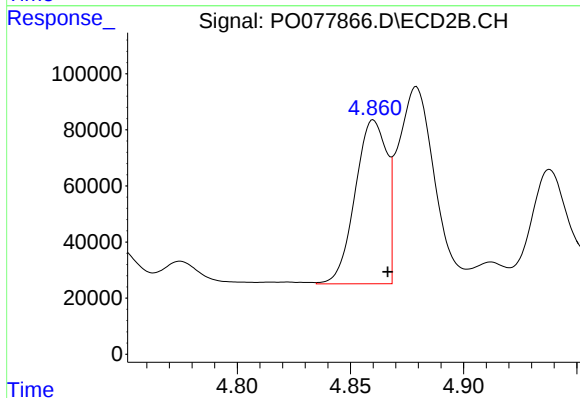
R.T.: 8.823 min
Delta R.T.: -0.009 min
Response: 571337
Conc: 23.77 ng/ml



#3 AR-1016-1

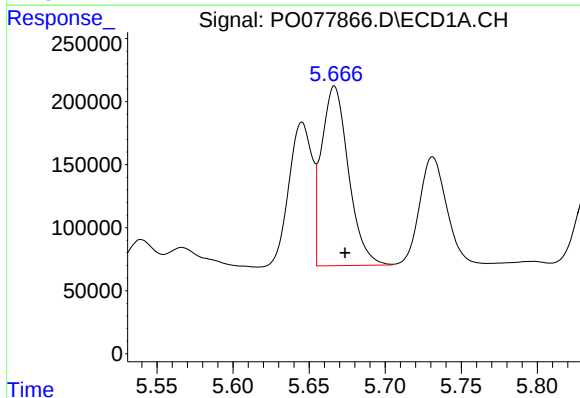
R.T.: 5.645 min
Delta R.T.: -0.007 min
Response: 1214621
Conc: 624.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



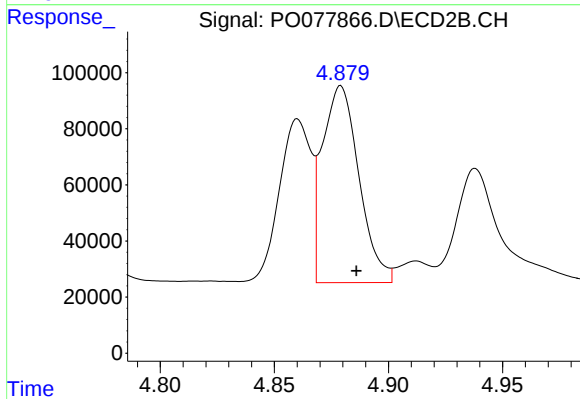
#3 AR-1016-1

R.T.: 4.860 min
Delta R.T.: -0.006 min
Response: 567746
Conc: 574.64 ng/ml



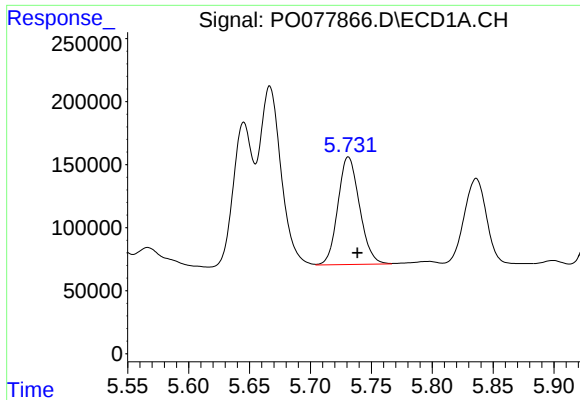
#4 AR-1016-2

R.T.: 5.667 min
Delta R.T.: -0.007 min
Response: 1758202
Conc: 608.20 ng/ml



#4 AR-1016-2

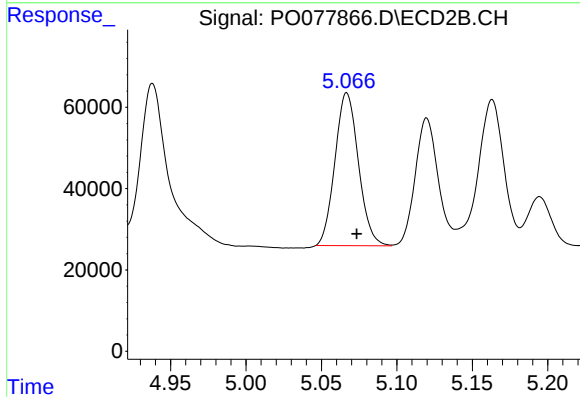
R.T.: 4.879 min
Delta R.T.: -0.007 min
Response: 782765
Conc: 562.51 ng/ml



#5 AR-1016-3

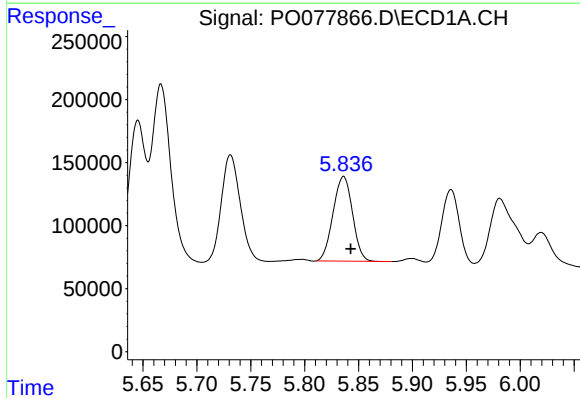
R.T.: 5.731 min
Delta R.T.: -0.007 min
Response: 1054476
Conc: 589.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



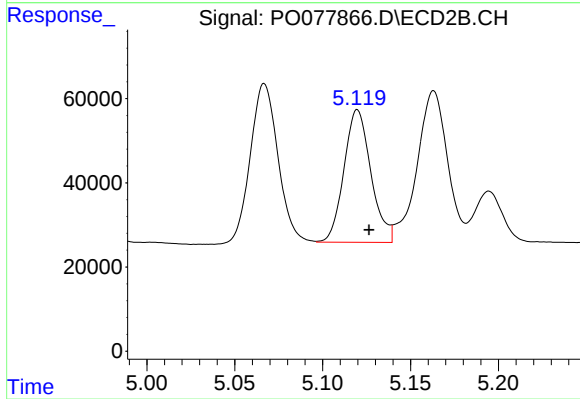
#5 AR-1016-3

R.T.: 5.067 min
Delta R.T.: -0.007 min
Response: 408028
Conc: 574.46 ng/ml



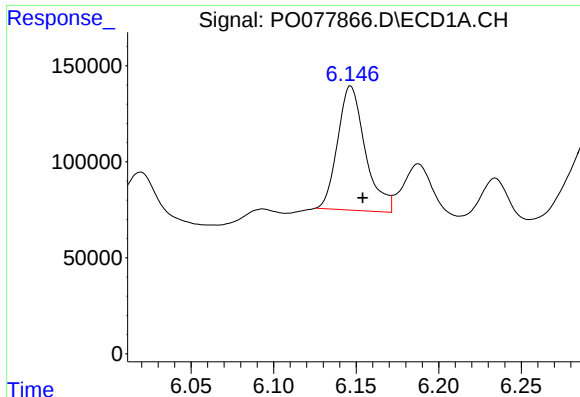
#6 AR-1016-4

R.T.: 5.836 min
Delta R.T.: -0.007 min
Response: 841837
Conc: 606.27 ng/ml



#6 AR-1016-4

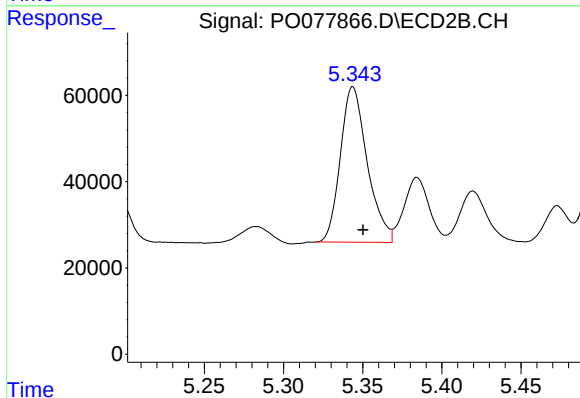
R.T.: 5.120 min
Delta R.T.: -0.007 min
Response: 336438
Conc: 562.02 ng/ml



#7 AR-1016-5

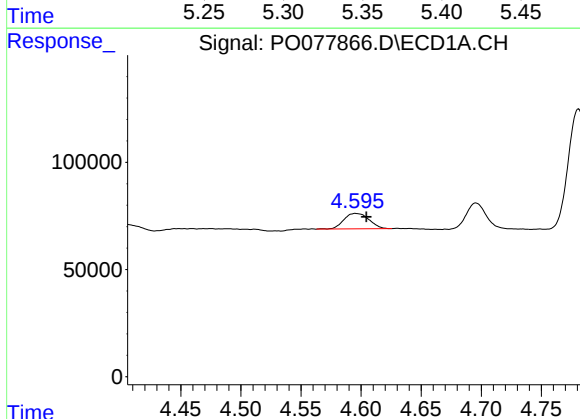
R.T.: 6.147 min
Delta R.T.: -0.007 min
Response: 750978
Conc: 536.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



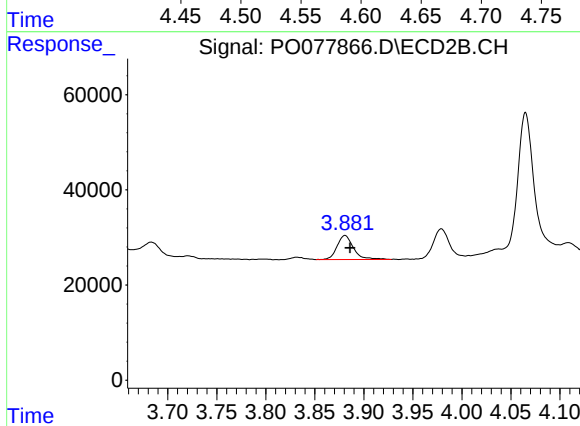
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 425291
Conc: 583.50 ng/ml



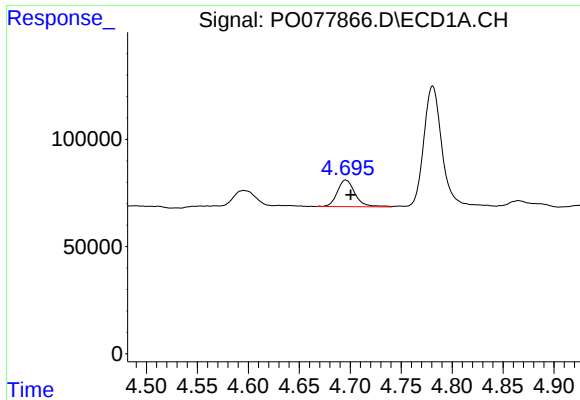
#8 AR-1221-1

R.T.: 4.595 min
Delta R.T.: -0.009 min
Response: 104545
Conc: 151.26 ng/ml



#8 AR-1221-1

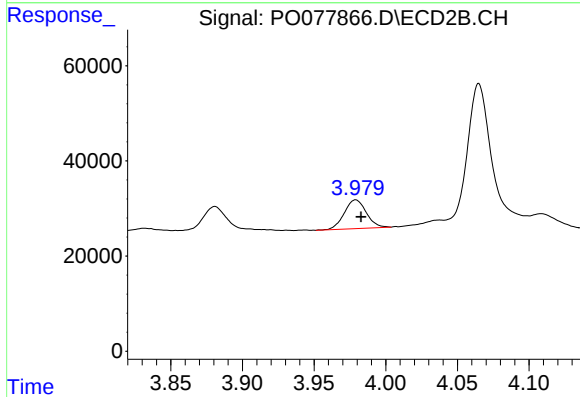
R.T.: 3.881 min
Delta R.T.: -0.005 min
Response: 59266
Conc: 187.53 ng/ml



#9 AR-1221-2

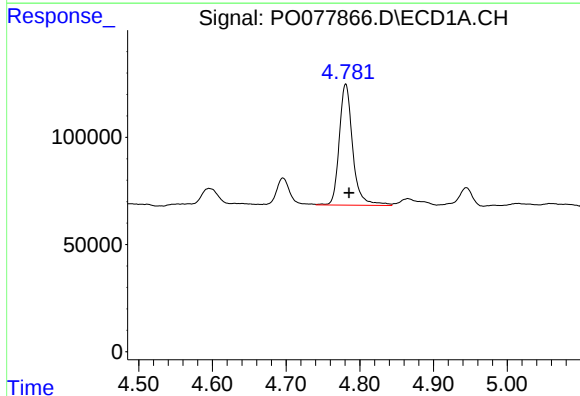
R.T.: 4.695 min
Delta R.T.: -0.005 min
Response: 150868
Conc: 296.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



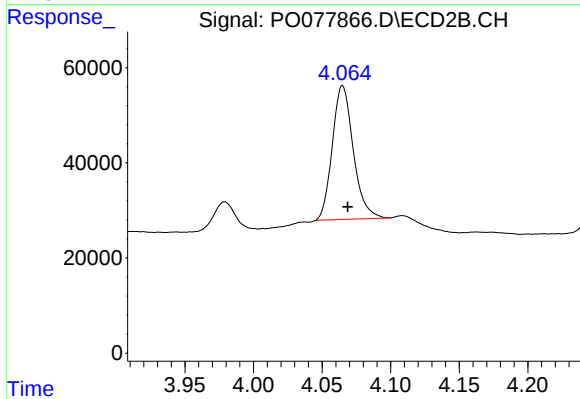
#9 AR-1221-2

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 64468
Conc: 270.06 ng/ml



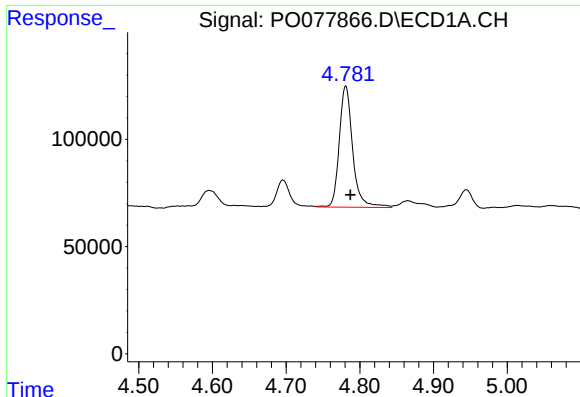
#10 AR-1221-3

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 716119
Conc: 429.16 ng/ml



#10 AR-1221-3

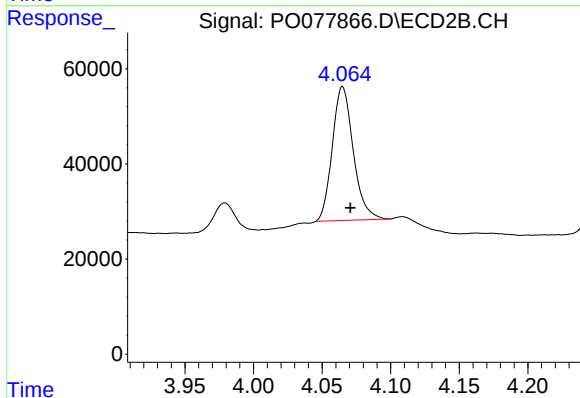
R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 299425
Conc: 382.41 ng/ml



#11 AR-1232-1

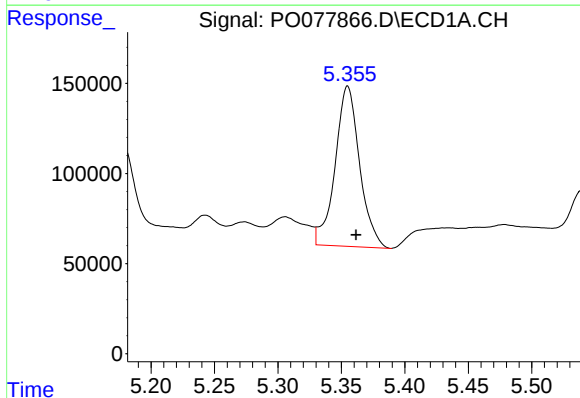
R.T.: 4.781 min
Delta R.T.: -0.006 min
Response: 716119
Conc: 542.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



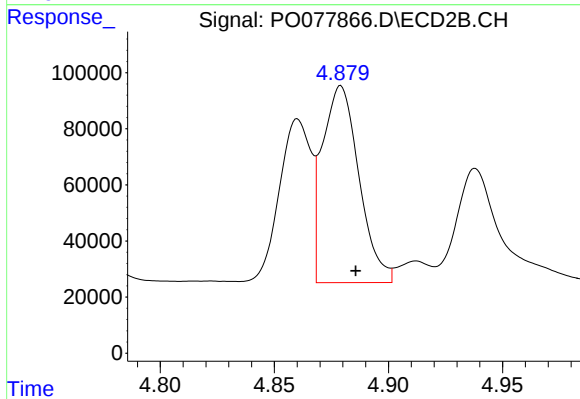
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.006 min
Response: 299425
Conc: 522.94 ng/ml



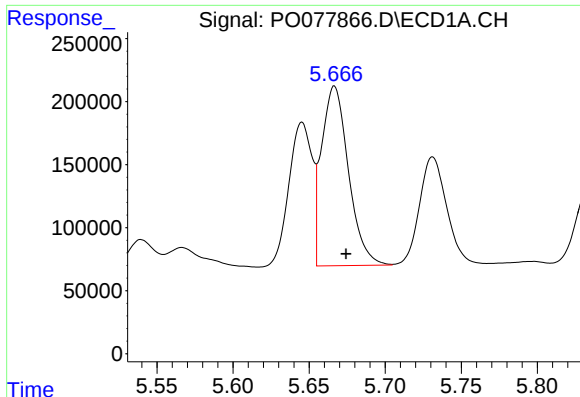
#12 AR-1232-2

R.T.: 5.355 min
Delta R.T.: -0.007 min
Response: 1194592
Conc: 1791.90 ng/ml



#12 AR-1232-2

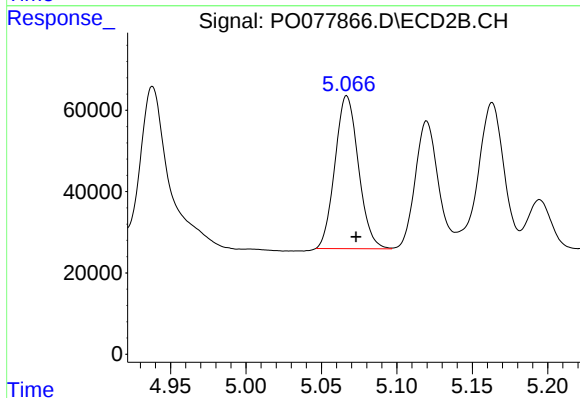
R.T.: 4.879 min
Delta R.T.: -0.006 min
Response: 782765
Conc: 1355.05 ng/ml



#13 AR-1232-3

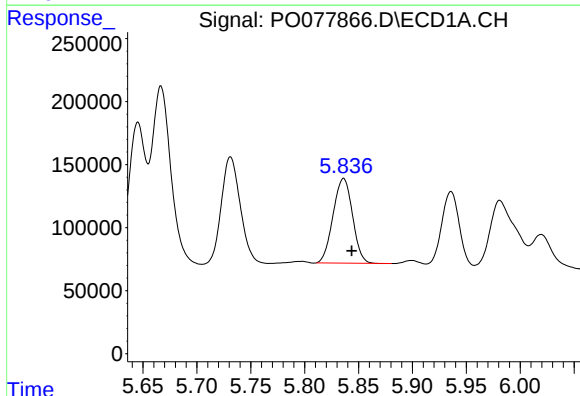
R.T.: 5.667 min
Delta R.T.: -0.008 min
Response: 1758202
Conc: 1460.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



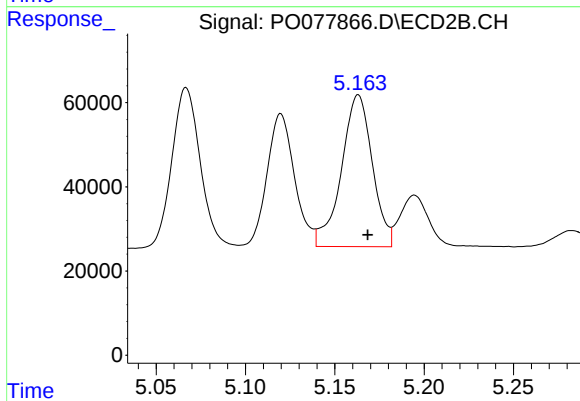
#13 AR-1232-3

R.T.: 5.067 min
Delta R.T.: -0.006 min
Response: 408028
Conc: 1427.87 ng/ml



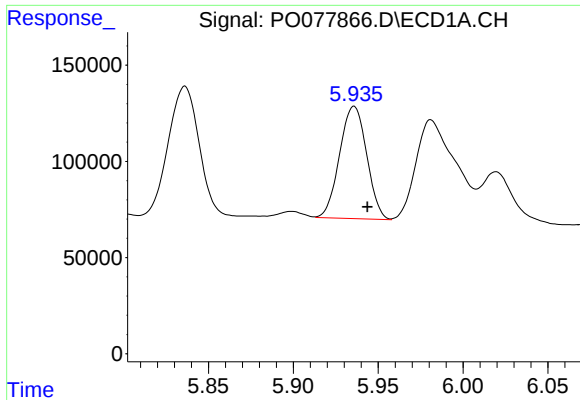
#14 AR-1232-4

R.T.: 5.836 min
Delta R.T.: -0.007 min
Response: 841837
Conc: 1521.02 ng/ml



#14 AR-1232-4

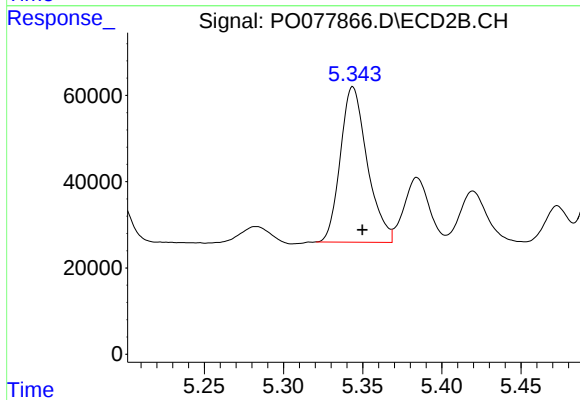
R.T.: 5.163 min
Delta R.T.: -0.005 min
Response: 434723
Conc: 1630.13 ng/ml



#15 AR-1232-5

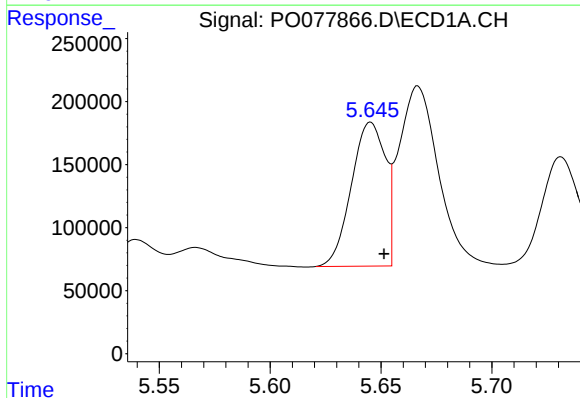
R.T.: 5.936 min
Delta R.T.: -0.008 min
Response: 648492
Conc: 1632.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



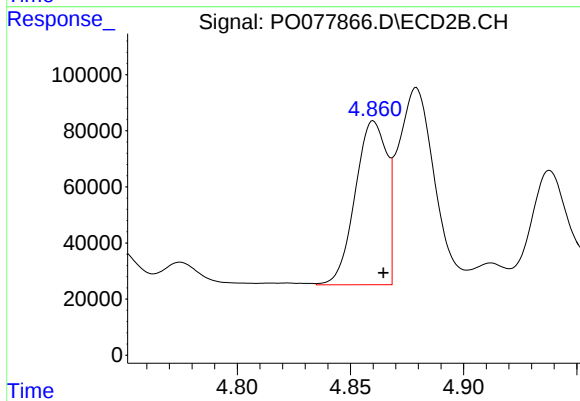
#15 AR-1232-5

R.T.: 5.344 min
Delta R.T.: -0.006 min
Response: 425291
Conc: 1515.24 ng/ml



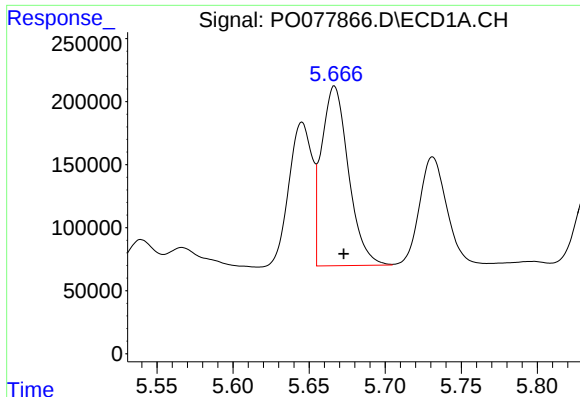
#16 AR-1242-1

R.T.: 5.645 min
Delta R.T.: -0.006 min
Response: 1214621
Conc: 810.40 ng/ml



#16 AR-1242-1

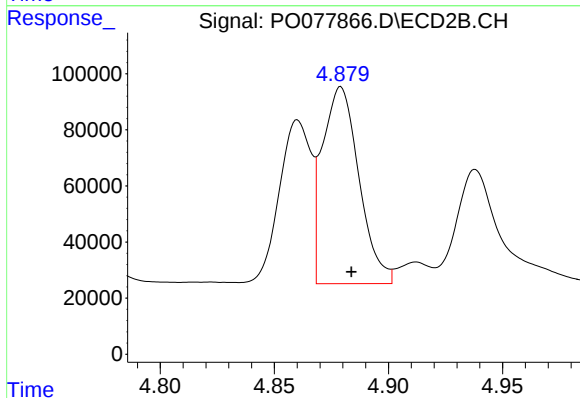
R.T.: 4.860 min
Delta R.T.: -0.004 min
Response: 567746
Conc: 769.28 ng/ml



#17 AR-1242-2

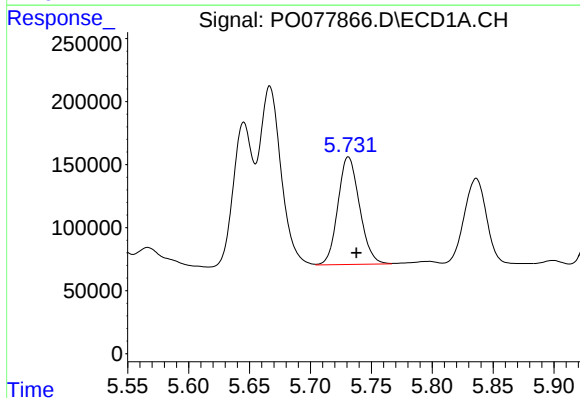
R.T.: 5.667 min
Delta R.T.: -0.006 min
Response: 1758202
Conc: 779.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



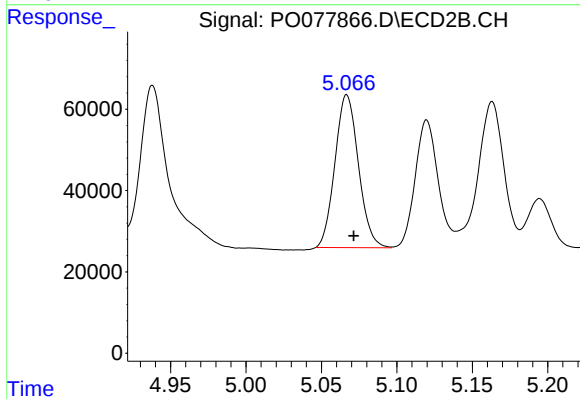
#17 AR-1242-2

R.T.: 4.879 min
Delta R.T.: -0.005 min
Response: 782765
Conc: 750.09 ng/ml



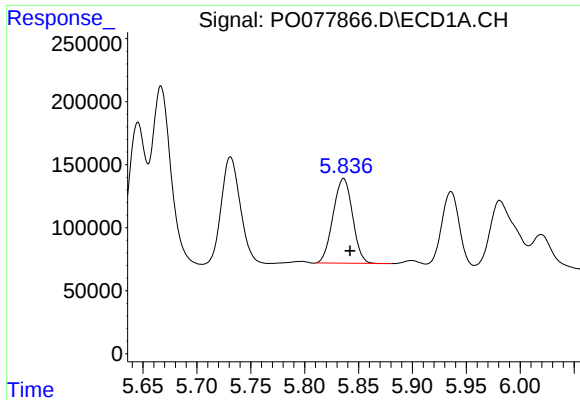
#18 AR-1242-3

R.T.: 5.731 min
Delta R.T.: -0.007 min
Response: 1054476
Conc: 761.42 ng/ml



#18 AR-1242-3

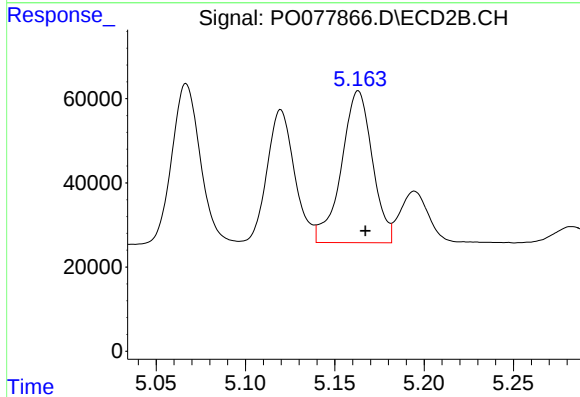
R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 408028
Conc: 753.52 ng/ml



#19 AR-1242-4

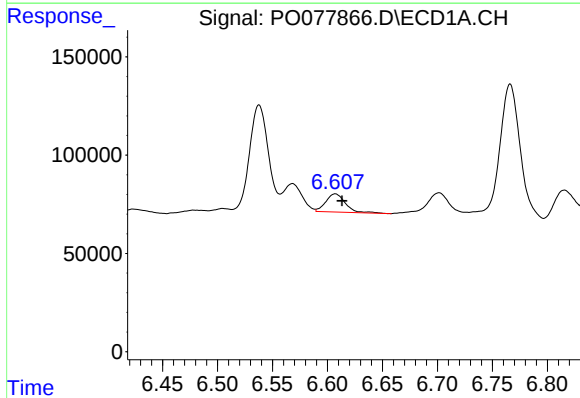
R.T.: 5.836 min
Delta R.T.: -0.006 min
Response: 841837
Conc: 779.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



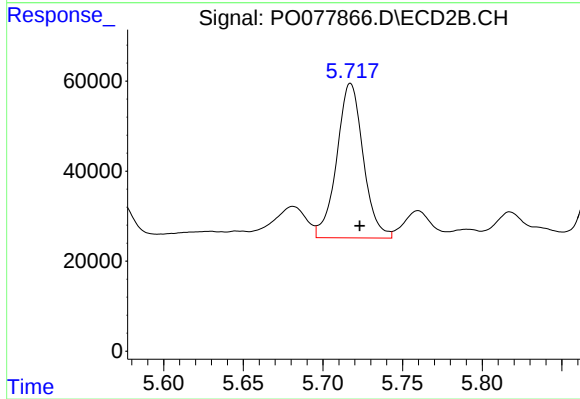
#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 434723
Conc: 768.08 ng/ml



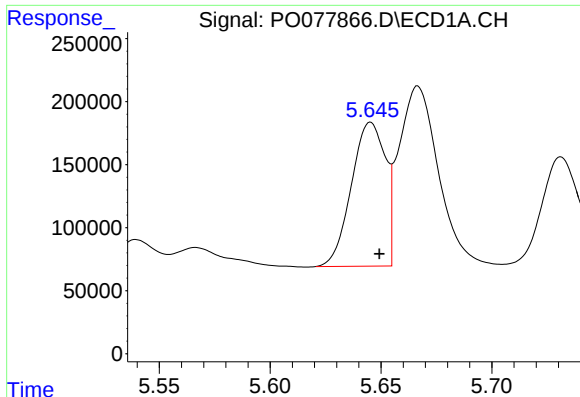
#20 AR-1242-5

R.T.: 6.607 min
Delta R.T.: -0.006 min
Response: 115081
Conc: 101.14 ng/ml



#20 AR-1242-5

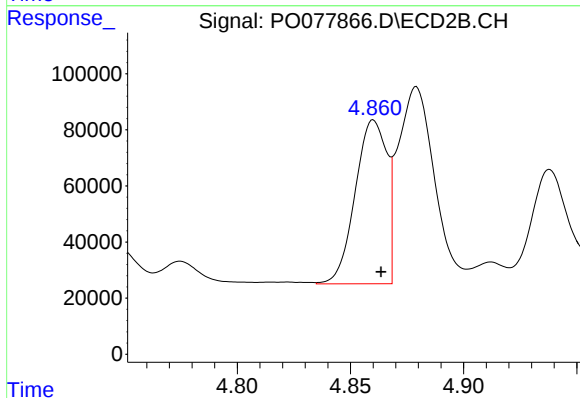
R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 397300
Conc: 577.73 ng/ml



#21 AR-1248-1

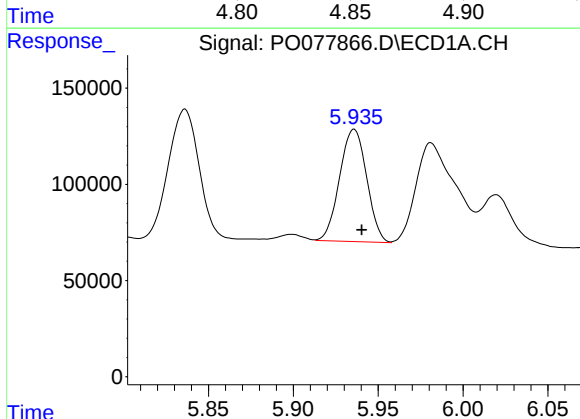
R.T.: 5.645 min
Delta R.T.: -0.004 min
Response: 1214621
Conc: 1058.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



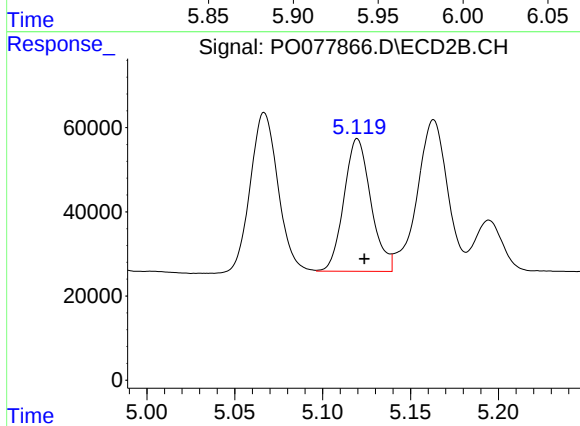
#21 AR-1248-1

R.T.: 4.860 min
Delta R.T.: -0.003 min
Response: 567746
Conc: 1007.61 ng/ml



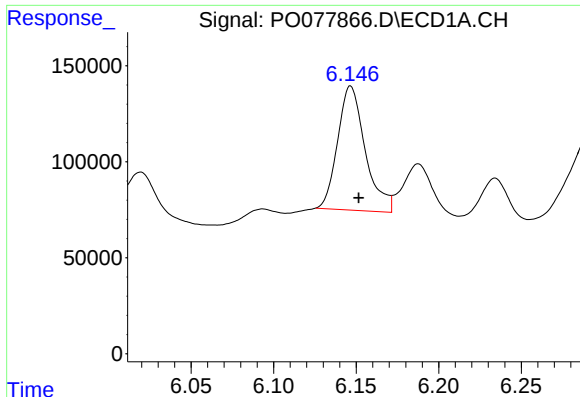
#22 AR-1248-2

R.T.: 5.936 min
Delta R.T.: -0.005 min
Response: 648492
Conc: 408.42 ng/ml



#22 AR-1248-2

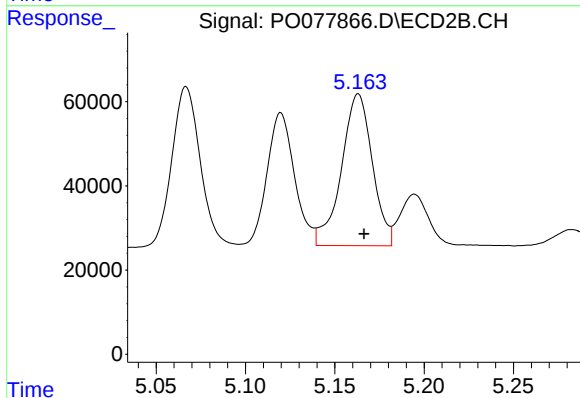
R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 336438
Conc: 421.48 ng/ml



#23 AR-1248-3

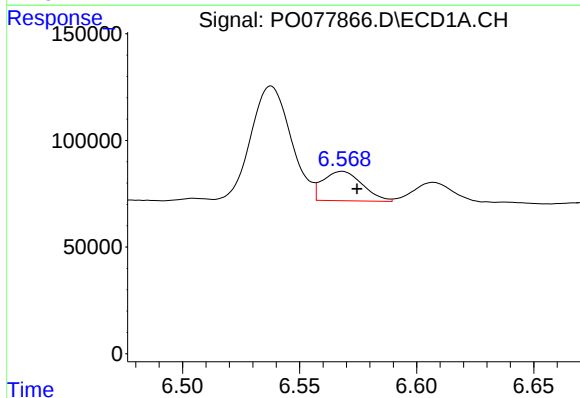
R.T.: 6.147 min
Delta R.T.: -0.005 min
Response: 750978
Conc: 407.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



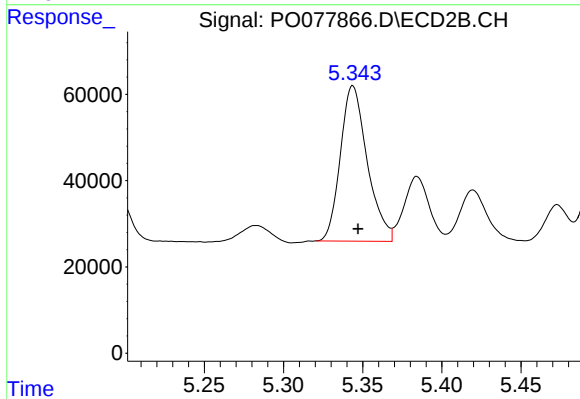
#23 AR-1248-3

R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 434723
Conc: 538.62 ng/ml



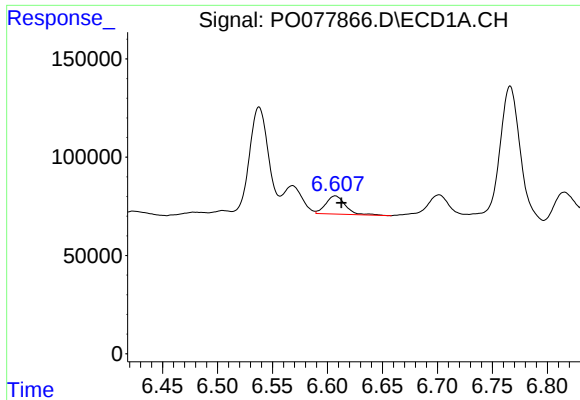
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 160981
Conc: 82.17 ng/ml



#24 AR-1248-4

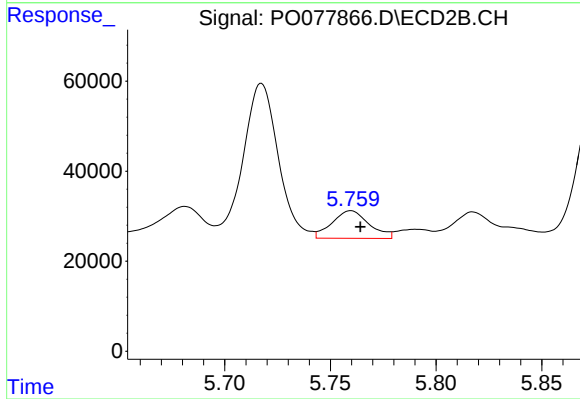
R.T.: 5.344 min
Delta R.T.: -0.003 min
Response: 425291
Conc: 443.43 ng/ml



#25 AR-1248-5

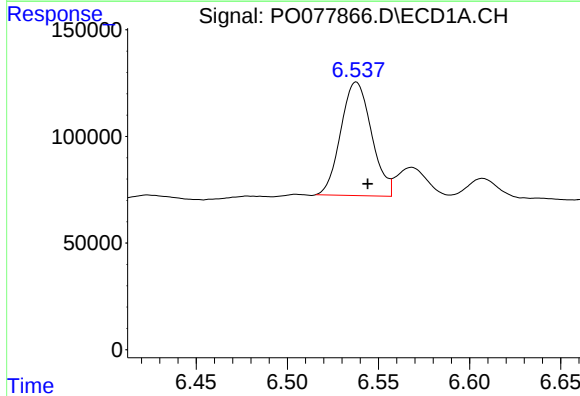
R.T.: 6.607 min
Delta R.T.: -0.005 min
Response: 115081
Conc: 60.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



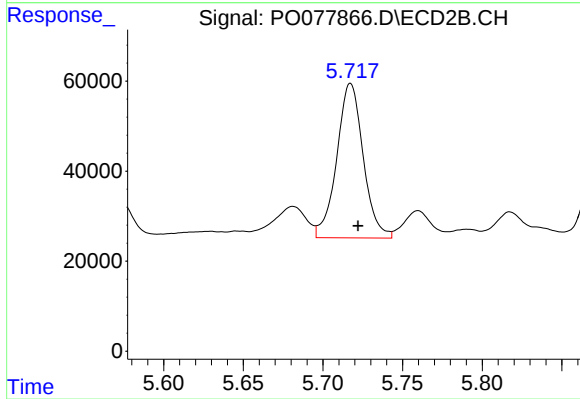
#25 AR-1248-5

R.T.: 5.760 min
Delta R.T.: -0.004 min
Response: 75432
Conc: 81.64 ng/ml



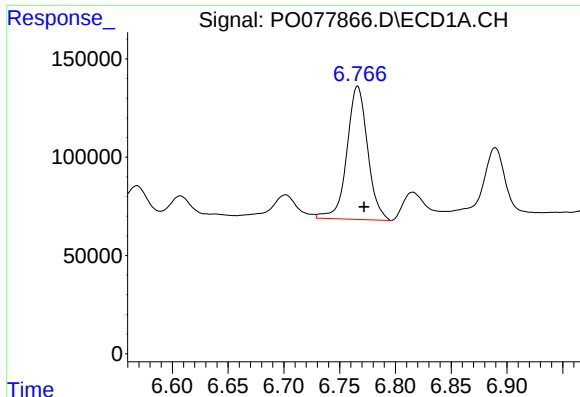
#26 AR-1254-1

R.T.: 6.538 min
Delta R.T.: -0.006 min
Response: 626187
Conc: 295.15 ng/ml



#26 AR-1254-1

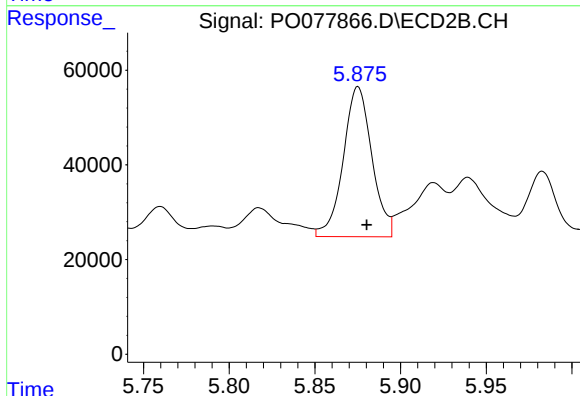
R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 397300
Conc: 269.97 ng/ml



#27 AR-1254-2

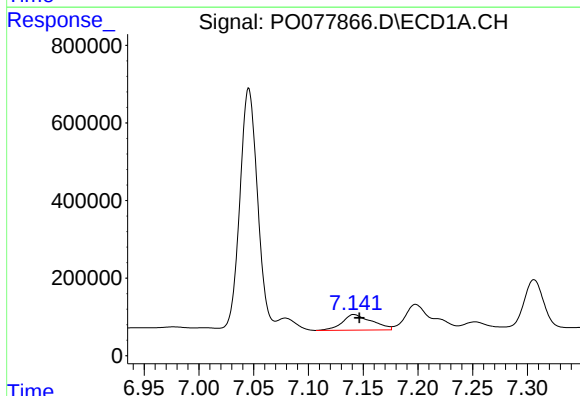
R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 875302
Conc: 269.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



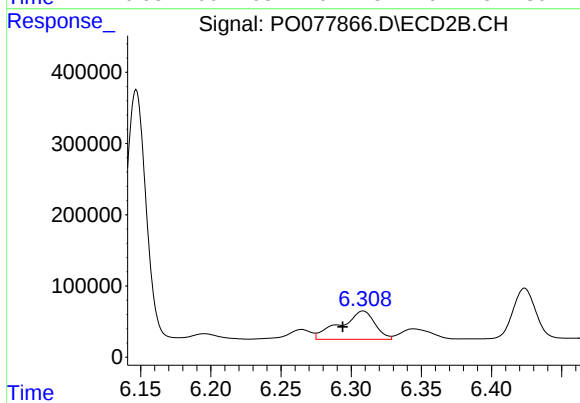
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.005 min
Response: 369029
Conc: 273.46 ng/ml



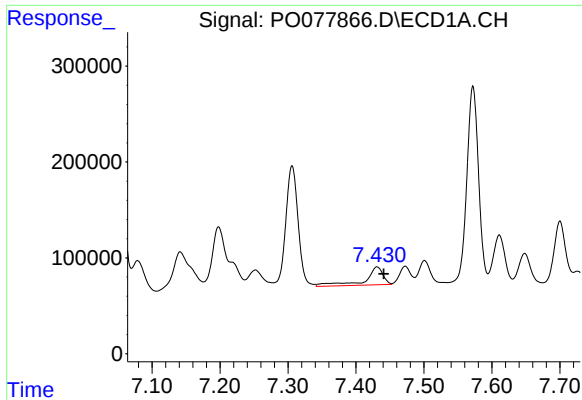
#28 AR-1254-3

R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 756411
Conc: 229.46 ng/ml



#28 AR-1254-3

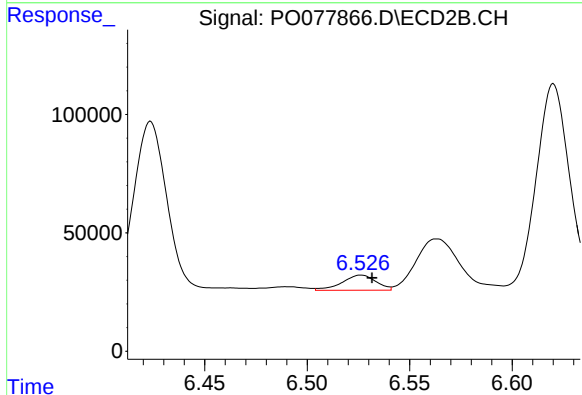
R.T.: 6.309 min
Delta R.T.: 0.015 min
Response: 681964
Conc: 336.63 ng/ml



#29 AR-1254-4

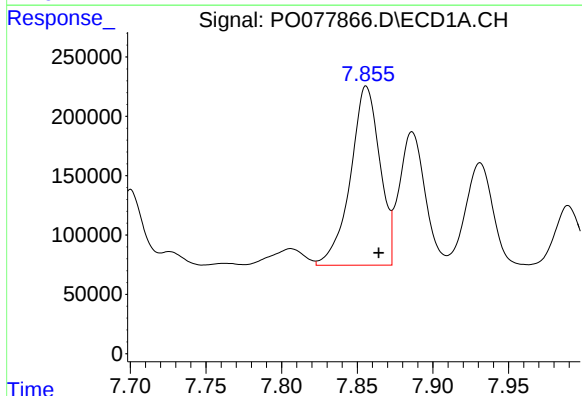
R.T.: 7.431 min
Delta R.T.: -0.010 min
Response: 347242
Conc: 149.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



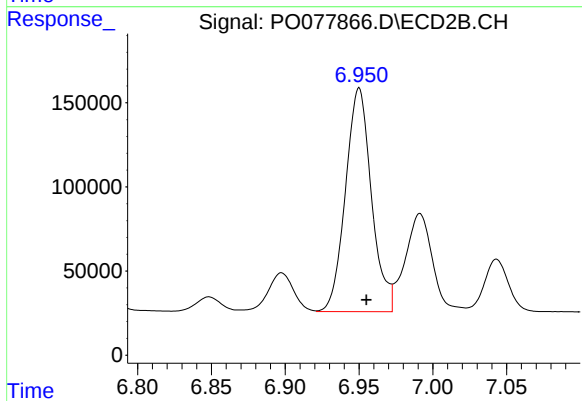
#29 AR-1254-4

R.T.: 6.526 min
Delta R.T.: -0.005 min
Response: 73942
Conc: 59.06 ng/ml



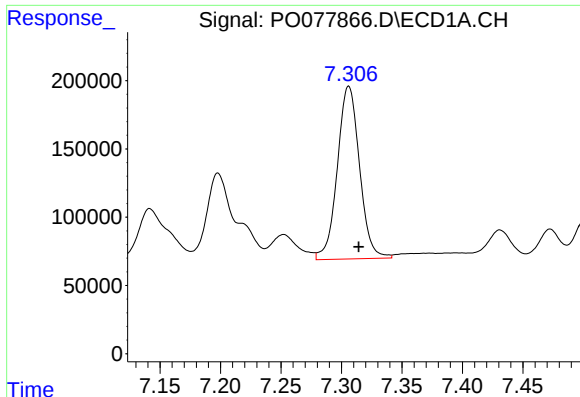
#30 AR-1254-5

R.T.: 7.856 min
Delta R.T.: -0.008 min
Response: 2040715
Conc: 781.87 ng/ml



#30 AR-1254-5

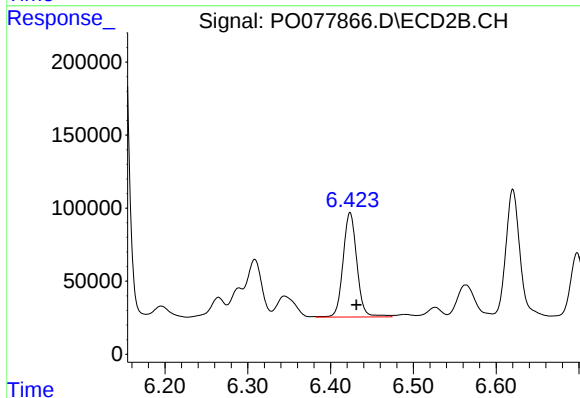
R.T.: 6.950 min
Delta R.T.: -0.005 min
Response: 1627326
Conc: 858.72 ng/ml



#31 AR-1260-1

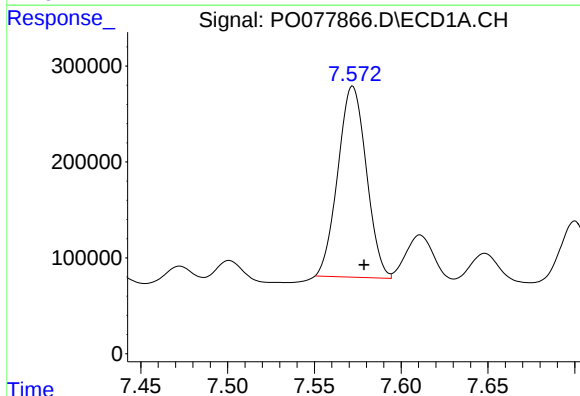
R.T.: 7.306 min
Delta R.T.: -0.008 min
Response: 1618089
Conc: 636.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



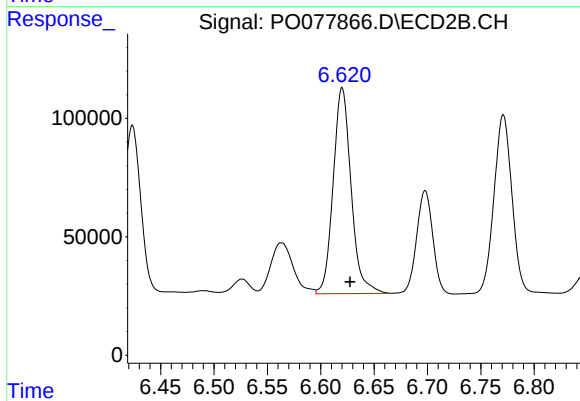
#31 AR-1260-1

R.T.: 6.424 min
Delta R.T.: -0.008 min
Response: 830368
Conc: 563.64 ng/ml



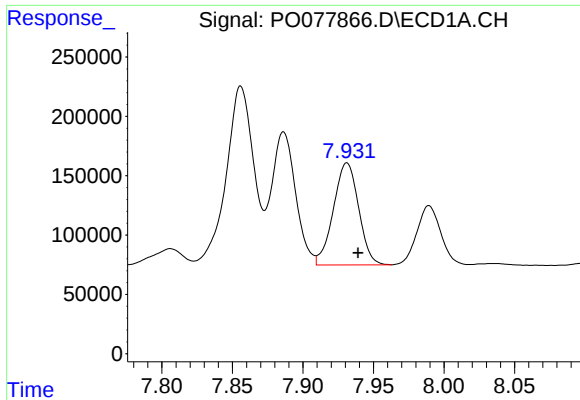
#32 AR-1260-2

R.T.: 7.572 min
Delta R.T.: -0.007 min
Response: 2273827
Conc: 814.17 ng/ml



#32 AR-1260-2

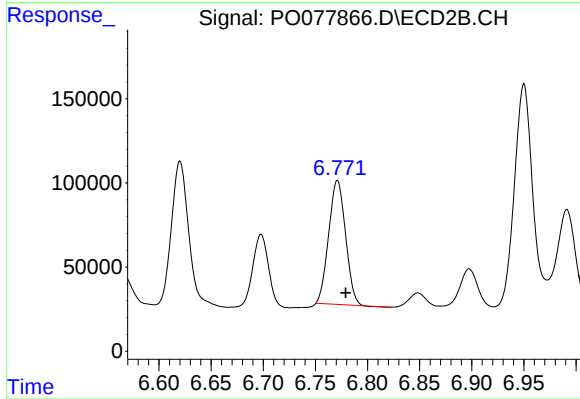
R.T.: 6.620 min
Delta R.T.: -0.007 min
Response: 1017577
Conc: 586.64 ng/ml



#33 AR-1260-3

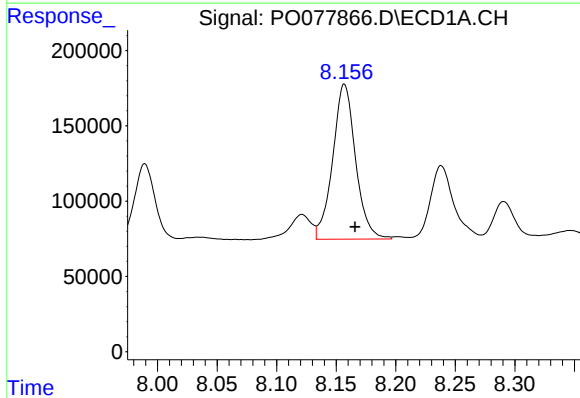
R.T.: 7.931 min
Delta R.T.: -0.008 min
Response: 1071217
Conc: 537.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



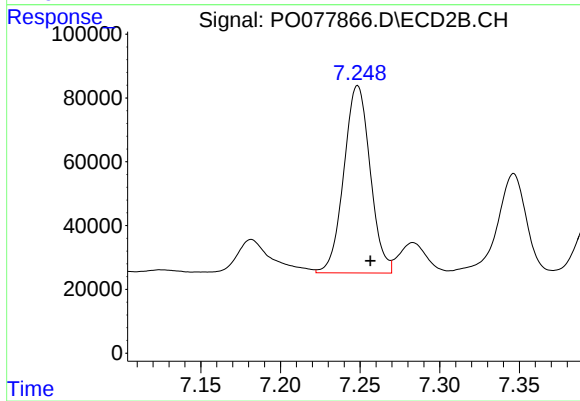
#33 AR-1260-3

R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 828219
Conc: 505.81 ng/ml



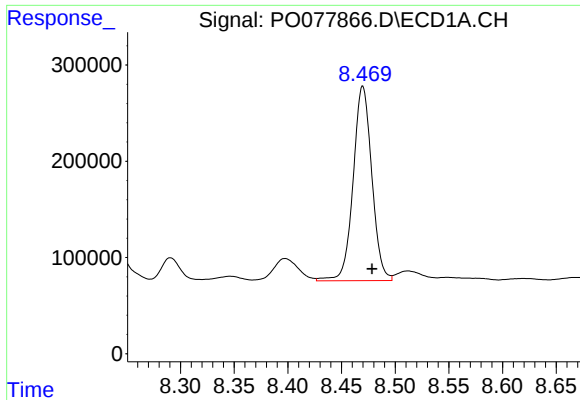
#34 AR-1260-4

R.T.: 8.157 min
Delta R.T.: -0.009 min
Response: 1377281
Conc: 630.68 ng/ml



#34 AR-1260-4

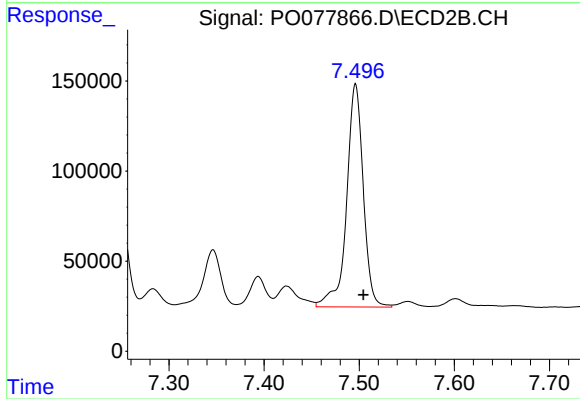
R.T.: 7.248 min
Delta R.T.: -0.008 min
Response: 674599
Conc: 557.57 ng/ml



#35 AR-1260-5

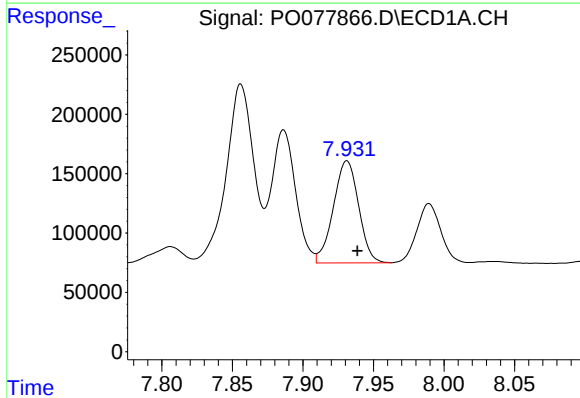
R.T.: 8.470 min
Delta R.T.: -0.009 min
Response: 2444968
Conc: 565.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



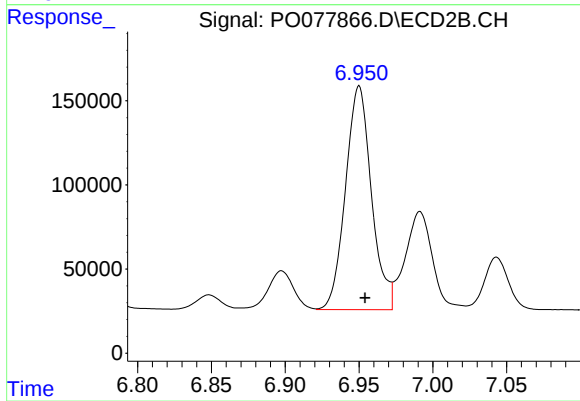
#35 AR-1260-5

R.T.: 7.496 min
Delta R.T.: -0.008 min
Response: 1506529
Conc: 529.87 ng/ml



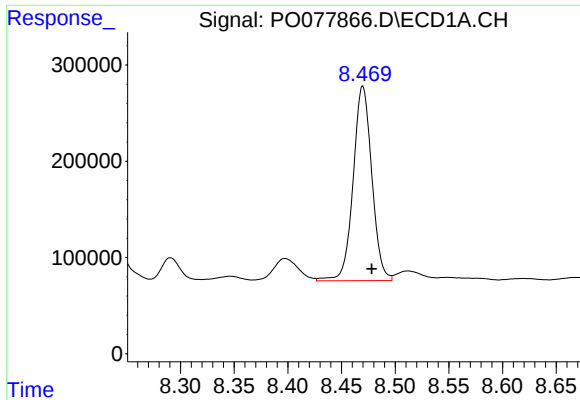
#36 AR-1262-1

R.T.: 7.931 min
Delta R.T.: -0.007 min
Response: 1071217
Conc: 341.03 ng/ml



#36 AR-1262-1

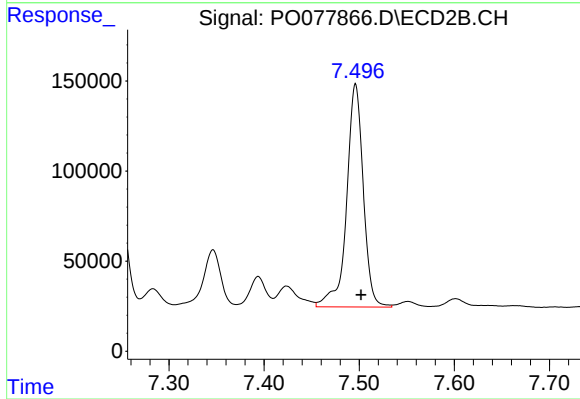
R.T.: 6.950 min
Delta R.T.: -0.004 min
Response: 1627326
Conc: 1645.80 ng/ml



#37 AR-1262-2

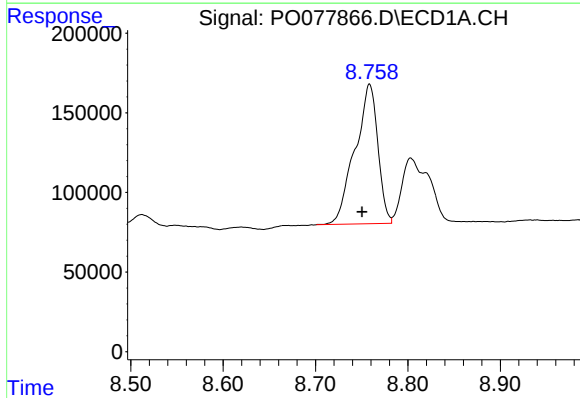
R.T.: 8.470 min
Delta R.T.: -0.008 min
Response: 2444968
Conc: 475.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



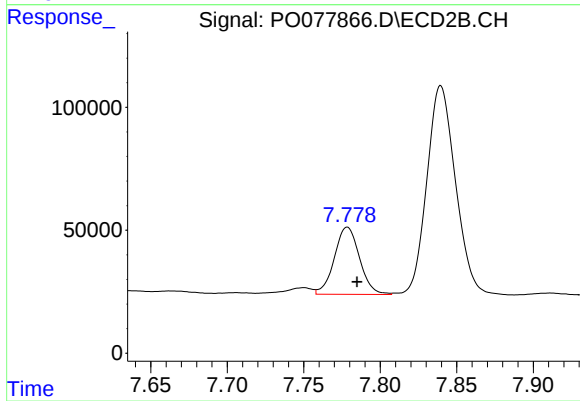
#37 AR-1262-2

R.T.: 7.496 min
Delta R.T.: -0.006 min
Response: 1506529
Conc: 452.43 ng/ml



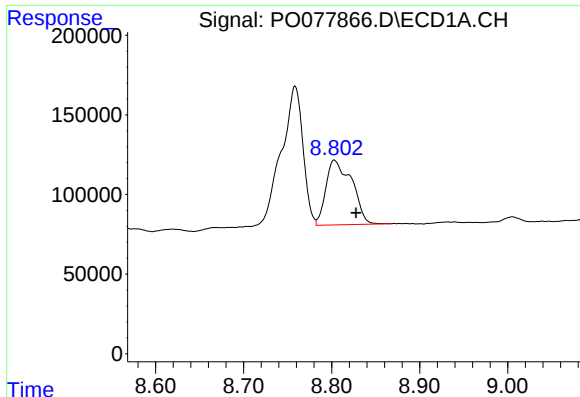
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: 0.008 min
Response: 1504560
Conc: 437.33 ng/ml



#38 AR-1262-3

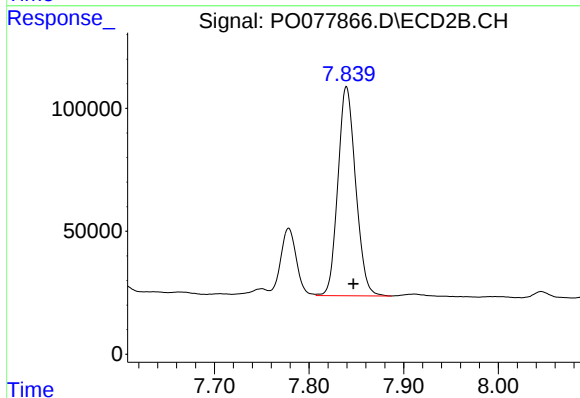
R.T.: 7.778 min
Delta R.T.: -0.006 min
Response: 313477
Conc: 227.14 ng/ml



#39 AR-1262-4

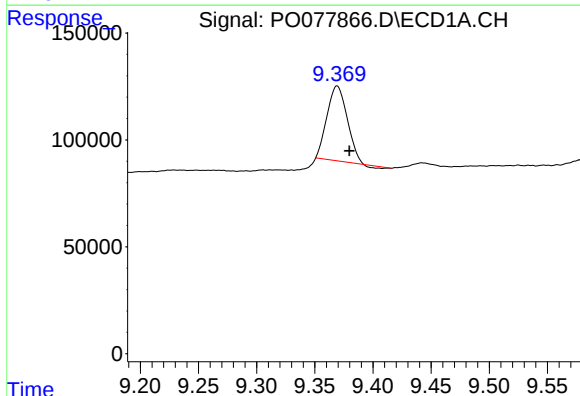
R.T.: 8.803 min
Delta R.T.: -0.024 min
Response: 832414
Conc: 530.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



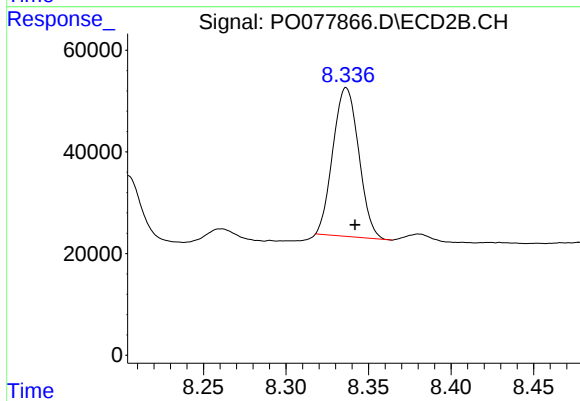
#39 AR-1262-4

R.T.: 7.840 min
Delta R.T.: -0.007 min
Response: 1109120
Conc: 444.56 ng/ml



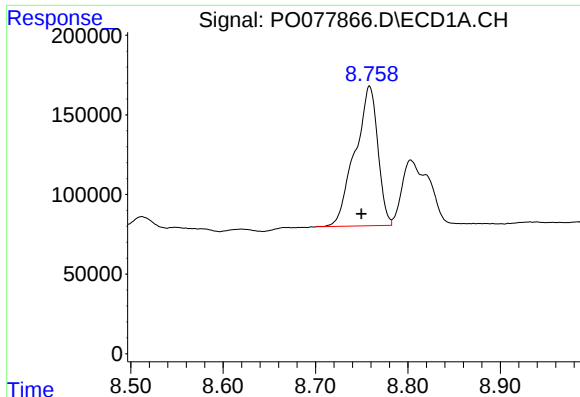
#40 AR-1262-5

R.T.: 9.369 min
Delta R.T.: -0.011 min
Response: 416763
Conc: 237.79 ng/ml



#40 AR-1262-5

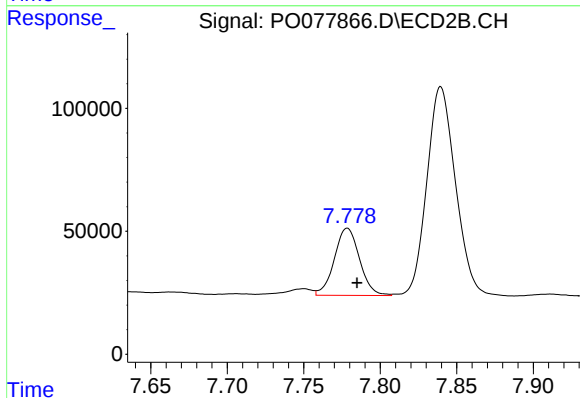
R.T.: 8.336 min
Delta R.T.: -0.005 min
Response: 318557
Conc: 274.46 ng/ml



#41 AR-1268-1

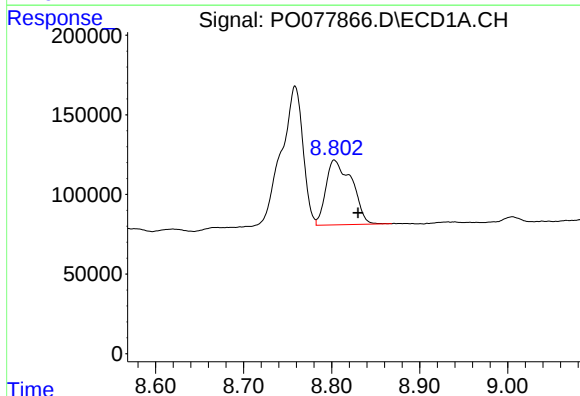
R.T.: 8.759 min
Delta R.T.: 0.009 min
Response: 1504560
Conc: 257.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



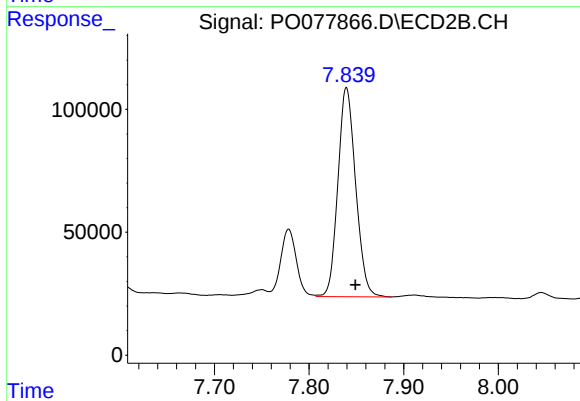
#41 AR-1268-1

R.T.: 7.778 min
Delta R.T.: -0.006 min
Response: 313477
Conc: 86.29 ng/ml



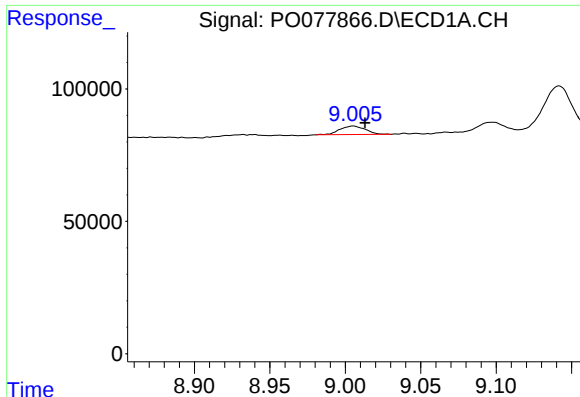
#42 AR-1268-2

R.T.: 8.803 min
Delta R.T.: -0.027 min
Response: 832414
Conc: 150.83 ng/ml



#42 AR-1268-2

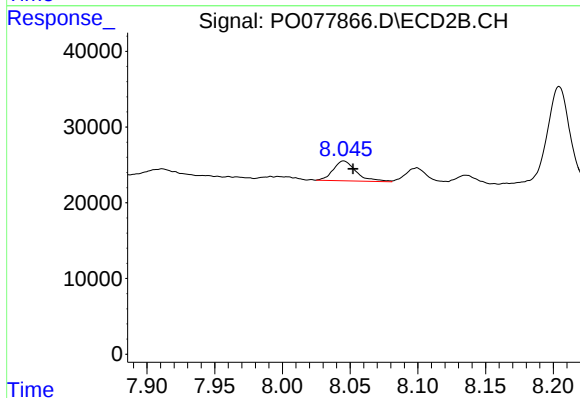
R.T.: 7.840 min
Delta R.T.: -0.010 min
Response: 1109120
Conc: 336.41 ng/ml



#43 AR-1268-3

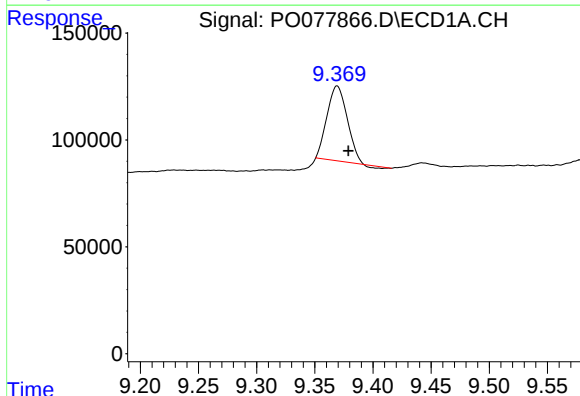
R.T.: 9.005 min
Delta R.T.: -0.008 min
Response: 38195
Conc: 8.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



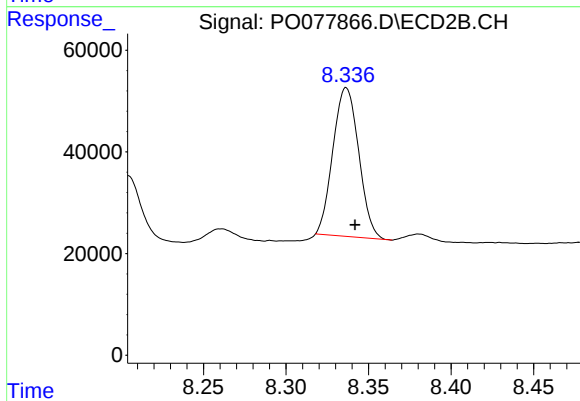
#43 AR-1268-3

R.T.: 8.045 min
Delta R.T.: -0.007 min
Response: 31147
Conc: 10.88 ng/ml



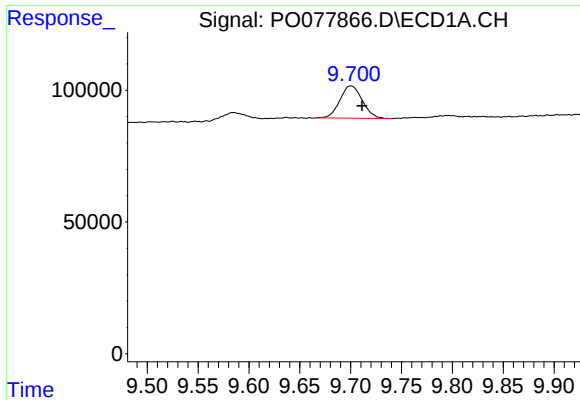
#44 AR-1268-4

R.T.: 9.369 min
Delta R.T.: -0.010 min
Response: 416763
Conc: 225.60 ng/ml



#44 AR-1268-4

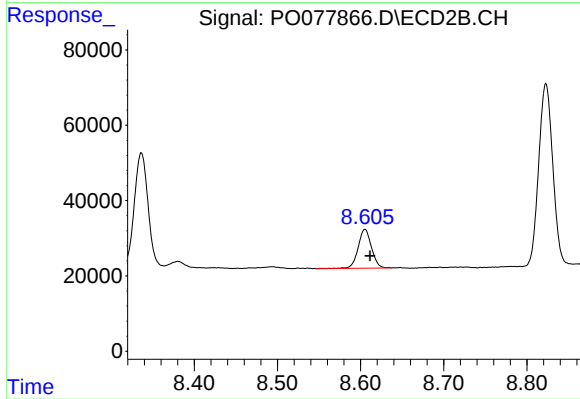
R.T.: 8.336 min
Delta R.T.: -0.005 min
Response: 318557
Conc: 260.69 ng/ml



#45 AR-1268-5

R.T.: 9.700 min
Delta R.T.: -0.011 min
Response: 187530
Conc: 12.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.605 min
Delta R.T.: -0.006 min
Response: 115311
Conc: 13.43 ng/ml