

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052622\
 Data File : P0086606.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 May 2022 9:42
 Operator : YP\AJ
 Sample : PB145084BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB145084BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 01:20:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 19 09:06:34 2022
 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...	4.475	3.671	2279753	897335	22.437	20.601
2)	SA Decachlor...	10.323	8.718	1396744	841427	25.723	24.178
Target Compounds							
3)	L1 AR-1016-1	5.656	4.772	1768214	789303	553.279	505.393
4)	L1 AR-1016-2	5.679	4.791	2470947	1072906	555.839	512.378
5)	L1 AR-1016-3	5.742	4.968	1538142	569891	560.970	515.567
6)	L1 AR-1016-4	5.841	5.010	1267235	451564	571.714	489.833
7)	L1 AR-1016-5	6.139	5.225	1182935	567200	570.893	502.324
8)	L2 AR-1221-1	4.681	3.888	184009	65159	150.292	126.713
9)	L2 AR-1221-2	4.772	3.975	227762	85003	249.510	220.567
10)	L2 AR-1221-3	4.849	4.053	933141	400428	346.247	329.731
11)	L3 AR-1232-1	4.849	4.053	933141	400428	455.827	433.343
12)	L3 AR-1232-2	5.386	4.823	1265872	65654	1344.137	80.542 #
13)	L3 AR-1232-3	5.679	4.968	2470947	569891	1405.797	1380.239
14)	L3 AR-1232-4	5.841	5.084	1267235	189945	1456.724	506.935 #
15)	L3 AR-1232-5	5.933	5.266	1090943	211794	1647.431	505.700 #
16)	L4 AR-1242-1	5.656	4.791	1768214	1072906	650.470	812.296
17)	L4 AR-1242-2	5.679	4.823	2470947	65654	657.283	37.440 #
18)	L4 AR-1242-3	5.742	5.010	1538142	451564	654.690	480.222 #
19)	L4 AR-1242-4	5.841	5.084	1267235	189945	668.559	201.378 #
20)	L4 AR-1242-5	6.586	5.619	182359	62905	99.621	55.314 #
21)	L5 AR-1248-1	5.656	4.791	1768214	1072906	875.415	1104.942 #
22)	L5 AR-1248-2	5.933	5.010	1090943	451564	404.380	339.519
23)	L5 AR-1248-3	6.139	5.084	1182935	189945	398.690	138.025 #
24)	L5 AR-1248-4	6.544	5.266	178455	211794	55.436	132.276 #
25)	L5 AR-1248-5	6.586	5.619	182359	62905	58.593	40.041 #
26)	L6 AR-1254-1	6.520	5.619	910752	62905	270.625	24.975 #
27)	L6 AR-1254-2	6.739	5.726	950091	447756	193.067	204.470
28)	L6 AR-1254-3	7.108	6.148	612056	818789	121.142	231.749 #
29)	L6 AR-1254-4	7.395	6.390	321120	270625	86.213	122.332 #
30)	L6 AR-1254-5	7.817	6.818	2853384	977497	732.298	330.477 #
31)	L7 AR-1260-1	7.274	6.263	2195969	1153934	725.601	592.880
32)	L7 AR-1260-2	7.532	6.450	2368562	1380511	654.752	587.371
33)	L7 AR-1260-3	7.894	6.605	1487082	1279187	538.798	594.896
34)	L7 AR-1260-4	8.122	7.078	1812575	937071	537.221	520.412
35)	L7 AR-1260-5	8.449	7.318	3255450	2261894	527.564	522.158
36)	L8 AR-1262-1	7.894	6.818	1487082	977497	328.803	323.518
37)	L8 AR-1262-2	8.449	7.318	3255450	2261894	415.932	411.760
38)	L8 AR-1262-3	8.783	7.603	2120285	422722	403.152	200.538 #
39)	L8 AR-1262-4	8.862	7.665	391643	1601671	163.658	404.091 #
40)	L8 AR-1262-5	9.539	8.209	795281	24532	288.149	13.694 #
41)	L9 AR-1268-1	8.783	7.603	2120285	422722	242.861	69.278 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052622\
Data File : P0086606.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 May 2022 9:42
Operator : YP\AJ
Sample : PB145084BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

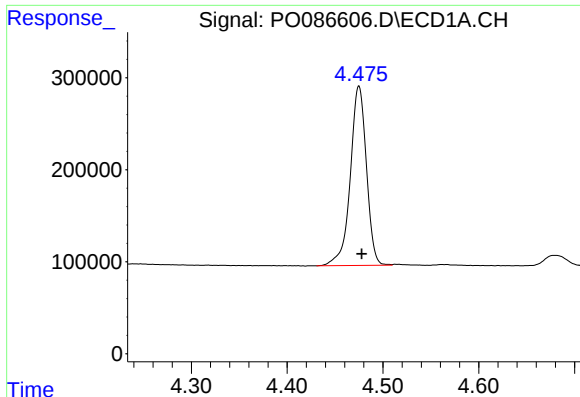
Instrument :
ECD_O
ClientSampleId :
PB145084BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 01:20:02 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051122.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 19 09:06:34 2022
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
42)	L9 AR-1268-2	8.862	7.665	391643	1601671	48.963	291.765 #
43)	L9 AR-1268-3	9.102	7.919	59011	30267	8.891	6.659 #
44)	L9 AR-1268-4	9.539	8.209	795281	24532	263.398	12.564 #
45)	L9 AR-1268-5	9.970	8.458	265110	154505	12.123	10.542

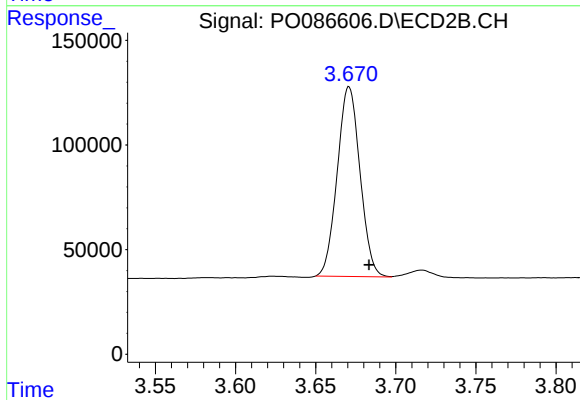
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

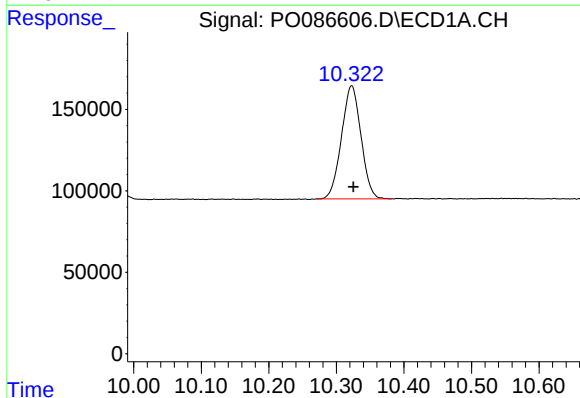
R.T.: 4.475 min
Delta R.T.: -0.003 min
Response: 2279753
Conc: 22.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



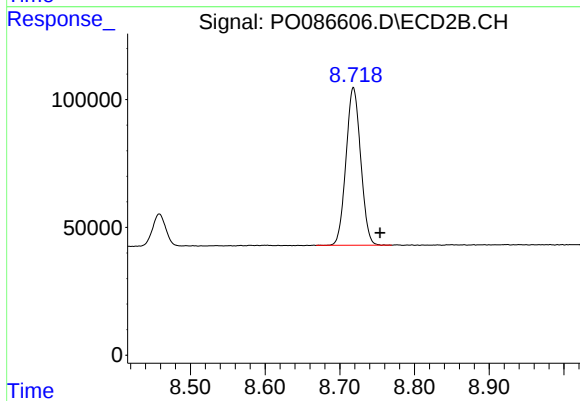
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.012 min
Response: 897335
Conc: 20.60 ng/ml



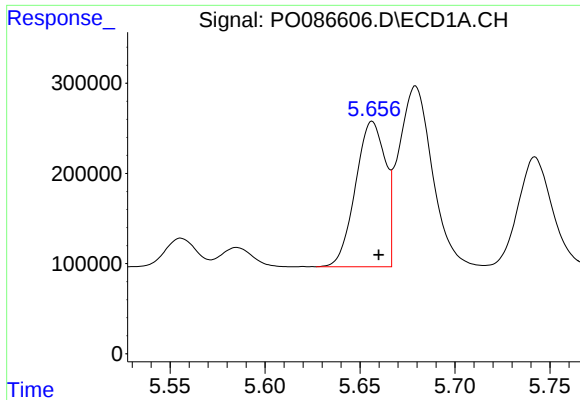
#2 Decachlorobiphenyl

R.T.: 10.323 min
Delta R.T.: -0.002 min
Response: 1396744
Conc: 25.72 ng/ml



#2 Decachlorobiphenyl

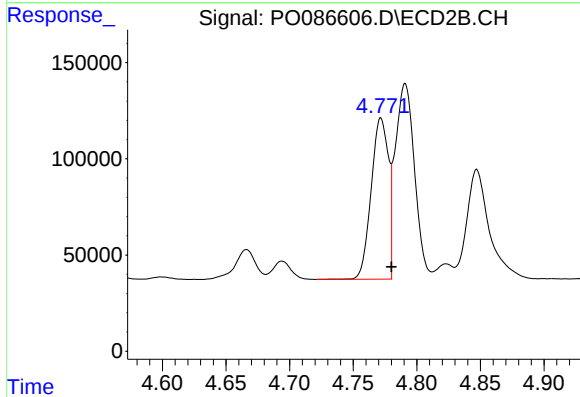
R.T.: 8.718 min
Delta R.T.: -0.036 min
Response: 841427
Conc: 24.18 ng/ml



#3 AR-1016-1

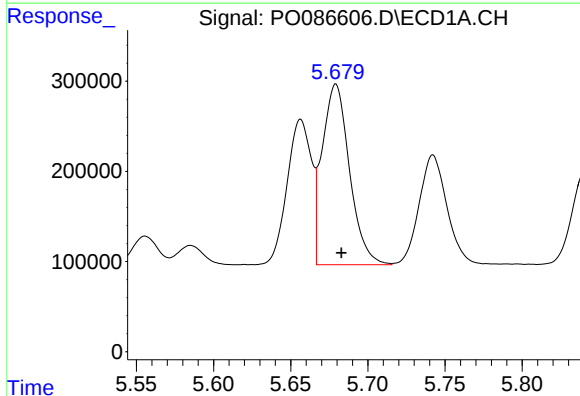
R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 1768214
Conc: 553.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



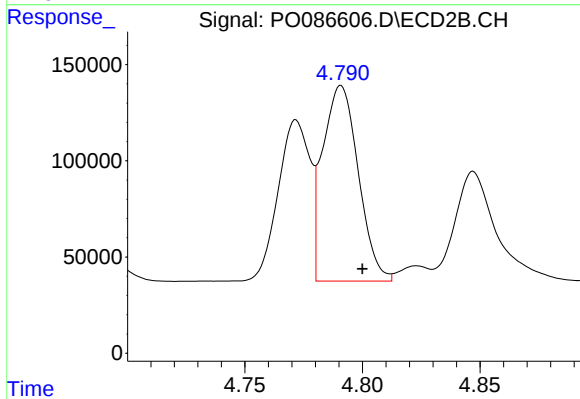
#3 AR-1016-1

R.T.: 4.772 min
Delta R.T.: -0.008 min
Response: 789303
Conc: 505.39 ng/ml



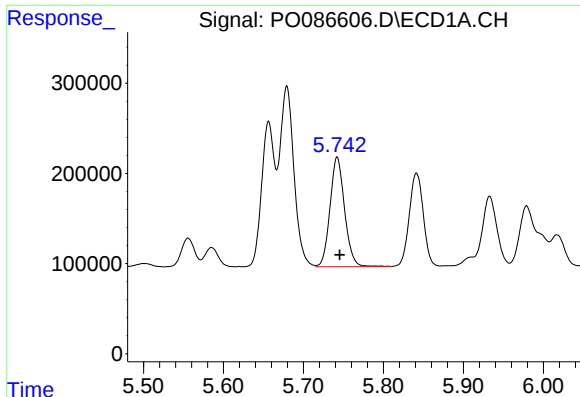
#4 AR-1016-2

R.T.: 5.679 min
Delta R.T.: -0.003 min
Response: 2470947
Conc: 555.84 ng/ml



#4 AR-1016-2

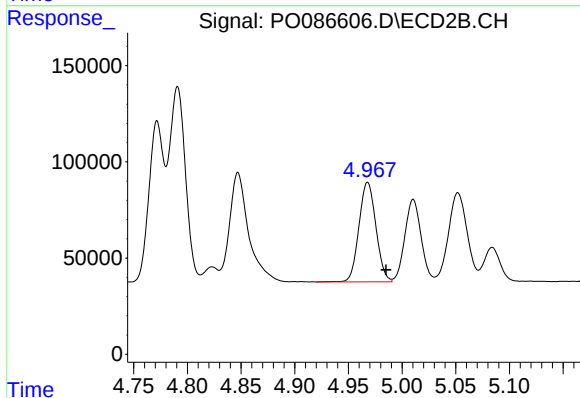
R.T.: 4.791 min
Delta R.T.: -0.009 min
Response: 1072906
Conc: 512.38 ng/ml



#5 AR-1016-3

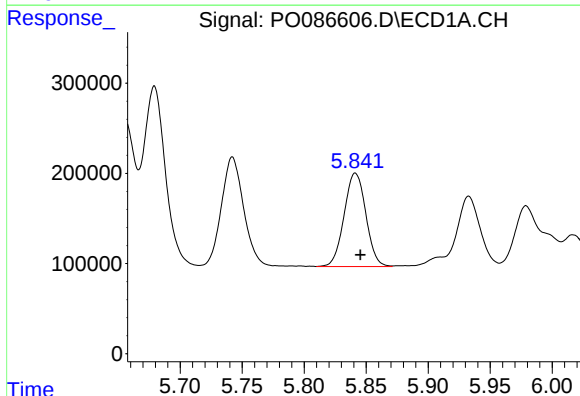
R.T.: 5.742 min
Delta R.T.: -0.003 min
Response: 1538142
Conc: 560.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



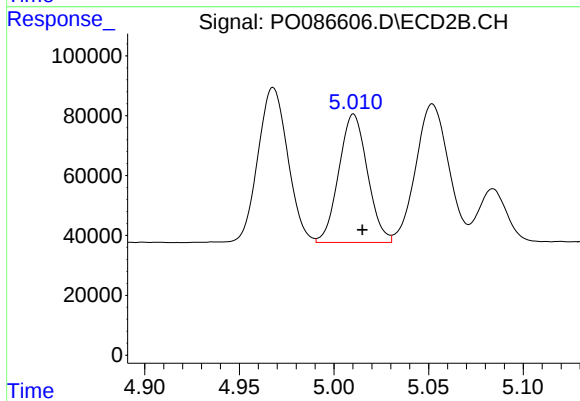
#5 AR-1016-3

R.T.: 4.968 min
Delta R.T.: -0.017 min
Response: 569891
Conc: 515.57 ng/ml



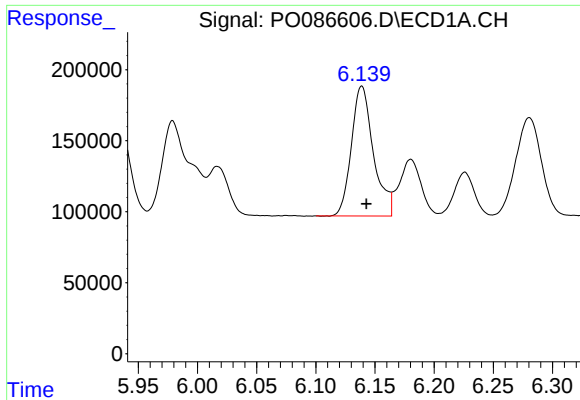
#6 AR-1016-4

R.T.: 5.841 min
Delta R.T.: -0.004 min
Response: 1267235
Conc: 571.71 ng/ml



#6 AR-1016-4

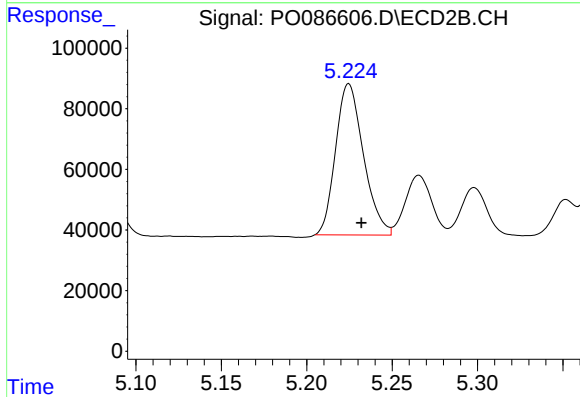
R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 451564
Conc: 489.83 ng/ml



#7 AR-1016-5

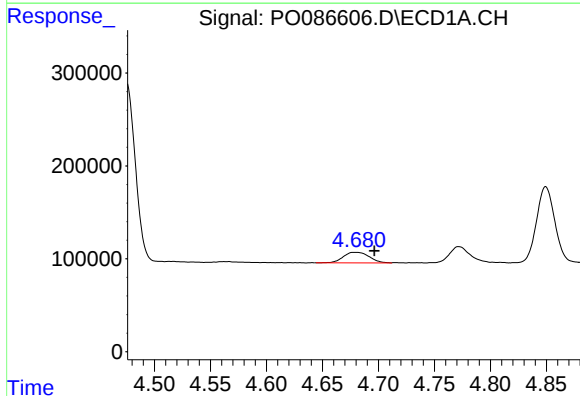
R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 1182935
Conc: 570.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



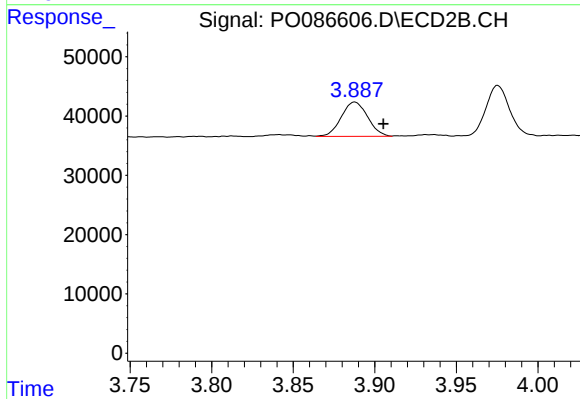
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.007 min
Response: 567200
Conc: 502.32 ng/ml



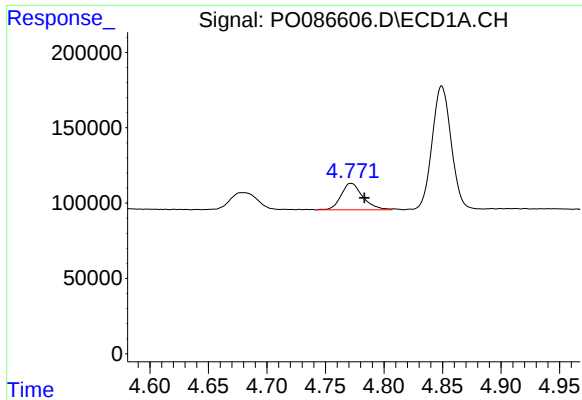
#8 AR-1221-1

R.T.: 4.681 min
Delta R.T.: -0.016 min
Response: 184009
Conc: 150.29 ng/ml



#8 AR-1221-1

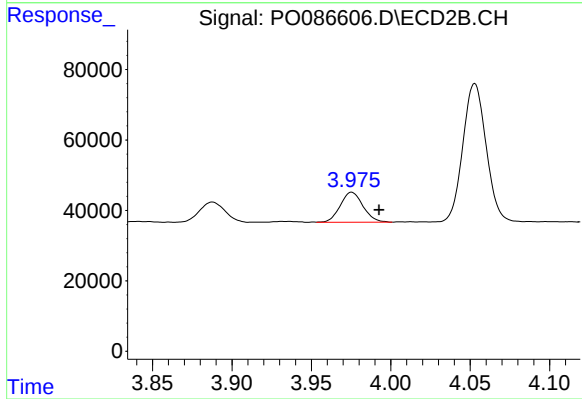
R.T.: 3.888 min
Delta R.T.: -0.017 min
Response: 65159
Conc: 126.71 ng/ml



#9 AR-1221-2

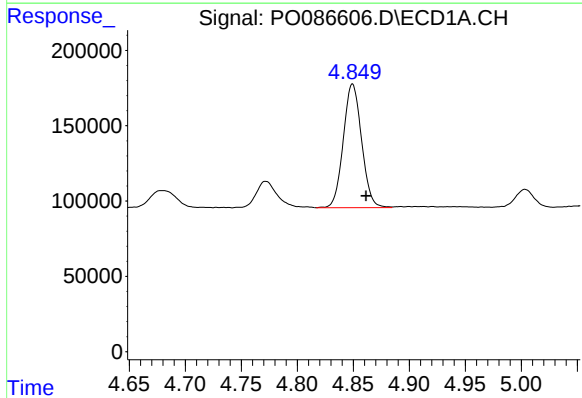
R.T.: 4.772 min
Delta R.T.: -0.011 min
Response: 227762
Conc: 249.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



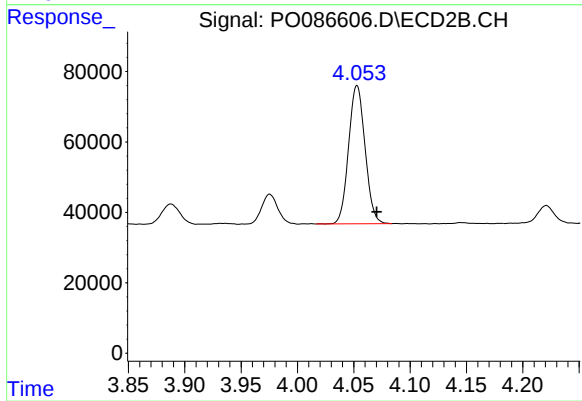
#9 AR-1221-2

R.T.: 3.975 min
Delta R.T.: -0.017 min
Response: 85003
Conc: 220.57 ng/ml



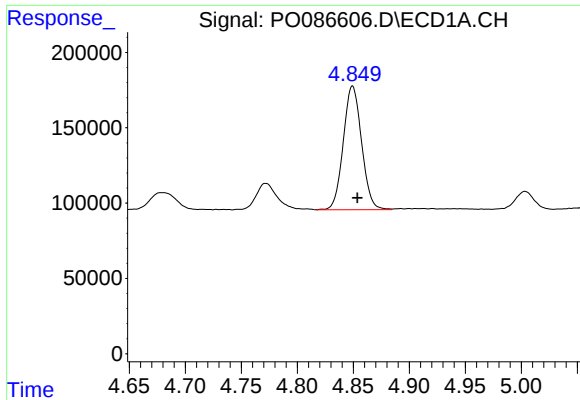
#10 AR-1221-3

R.T.: 4.849 min
Delta R.T.: -0.012 min
Response: 933141
Conc: 346.25 ng/ml



#10 AR-1221-3

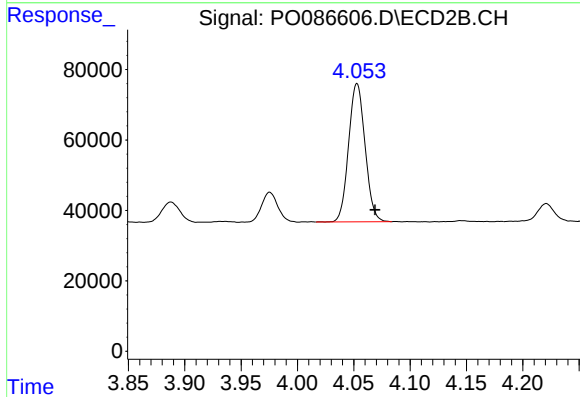
R.T.: 4.053 min
Delta R.T.: -0.017 min
Response: 400428
Conc: 329.73 ng/ml



#11 AR-1232-1

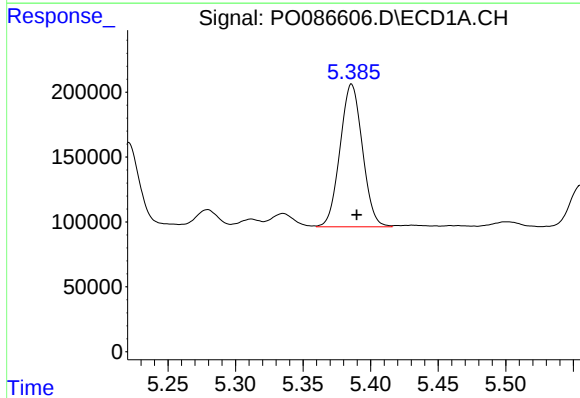
R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 933141
Conc: 455.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



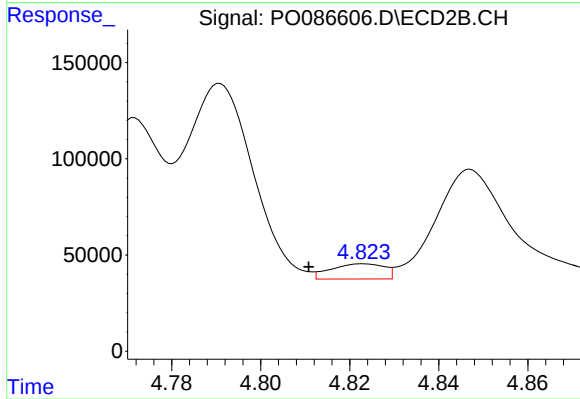
#11 AR-1232-1

R.T.: 4.053 min
Delta R.T.: -0.016 min
Response: 400428
Conc: 433.34 ng/ml



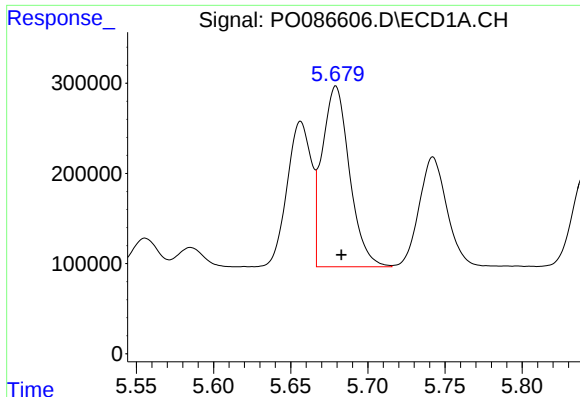
#12 AR-1232-2

R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 1265872
Conc: 1344.14 ng/ml



#12 AR-1232-2

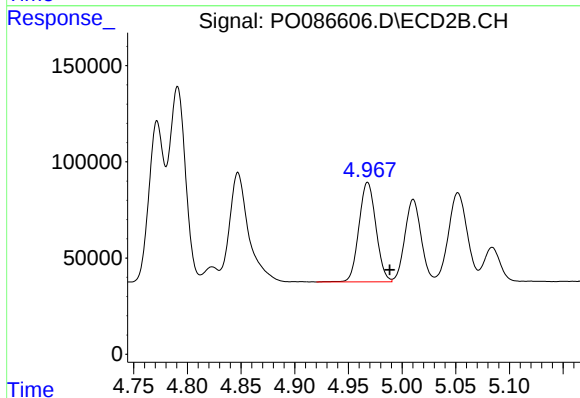
R.T.: 4.823 min
Delta R.T.: 0.012 min
Response: 65654
Conc: 80.54 ng/ml



#13 AR-1232-3

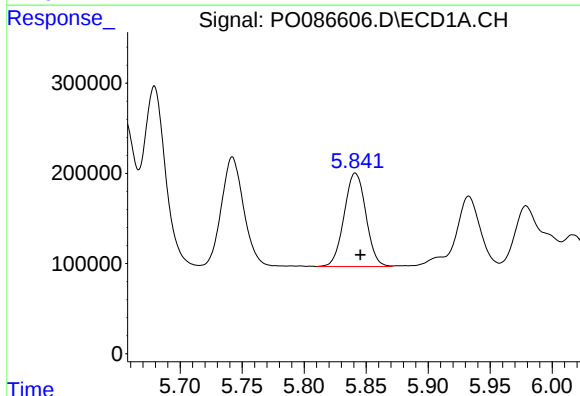
R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 2470947
Conc: 1405.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



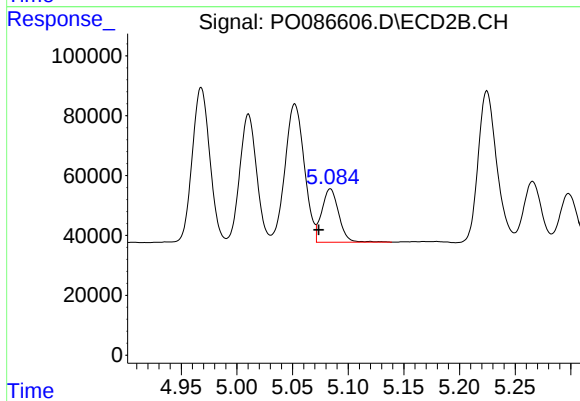
#13 AR-1232-3

R.T.: 4.968 min
Delta R.T.: -0.021 min
Response: 569891
Conc: 1380.24 ng/ml



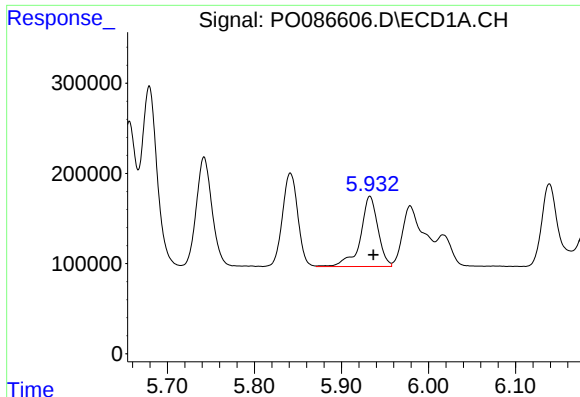
#14 AR-1232-4

R.T.: 5.841 min
Delta R.T.: -0.004 min
Response: 1267235
Conc: 1456.72 ng/ml



#14 AR-1232-4

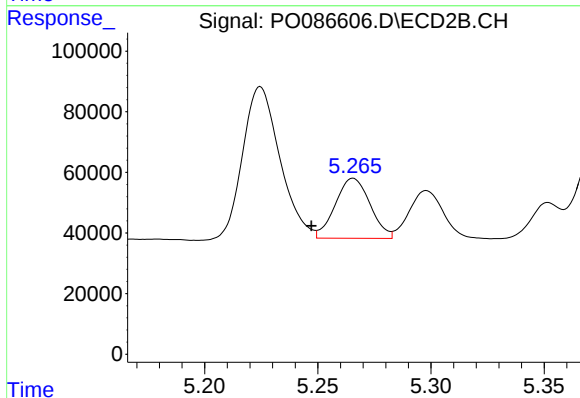
R.T.: 5.084 min
Delta R.T.: 0.011 min
Response: 189945
Conc: 506.94 ng/ml



#15 AR-1232-5

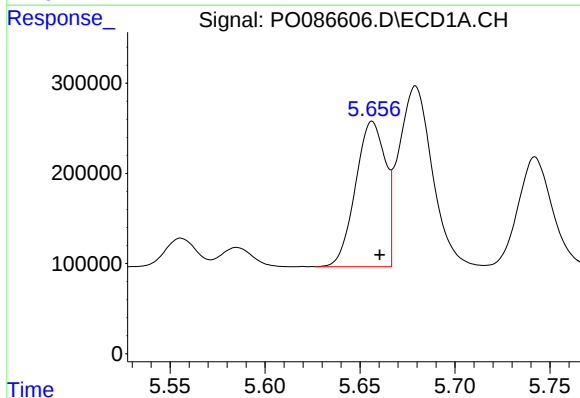
R.T.: 5.933 min
Delta R.T.: -0.004 min
Response: 1090943
Conc: 1647.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



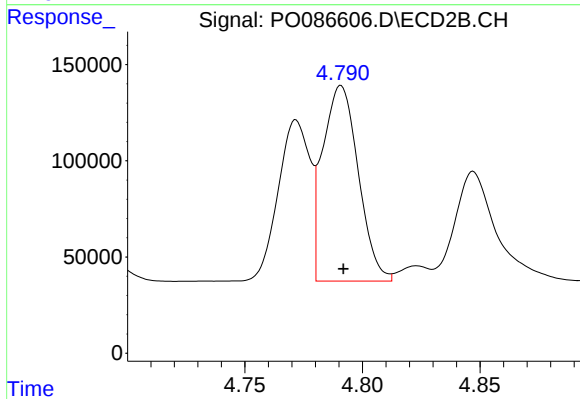
#15 AR-1232-5

R.T.: 5.266 min
Delta R.T.: 0.019 min
Response: 211794
Conc: 505.70 ng/ml



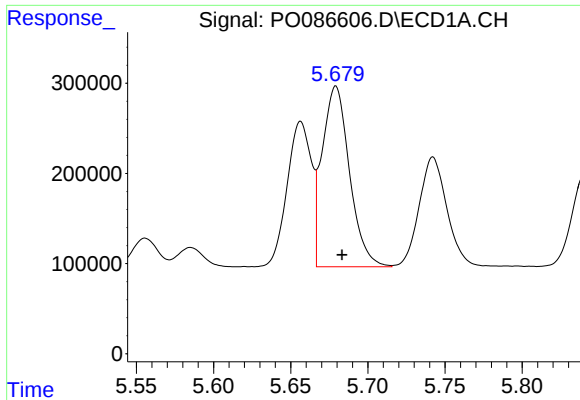
#16 AR-1242-1

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 1768214
Conc: 650.47 ng/ml



#16 AR-1242-1

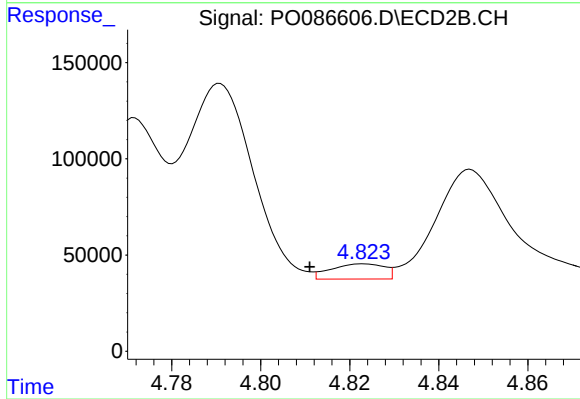
R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 1072906
Conc: 812.30 ng/ml



#17 AR-1242-2

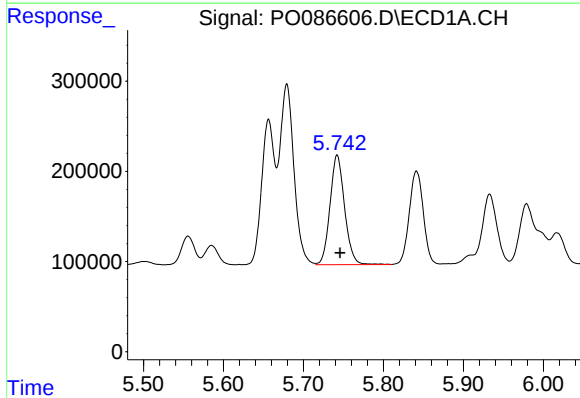
R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 2470947
Conc: 657.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



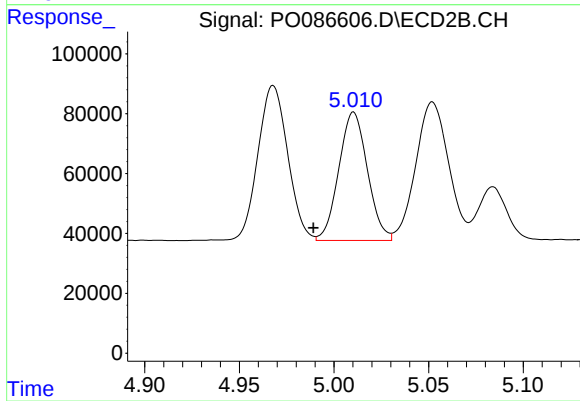
#17 AR-1242-2

R.T.: 4.823 min
Delta R.T.: 0.012 min
Response: 65654
Conc: 37.44 ng/ml



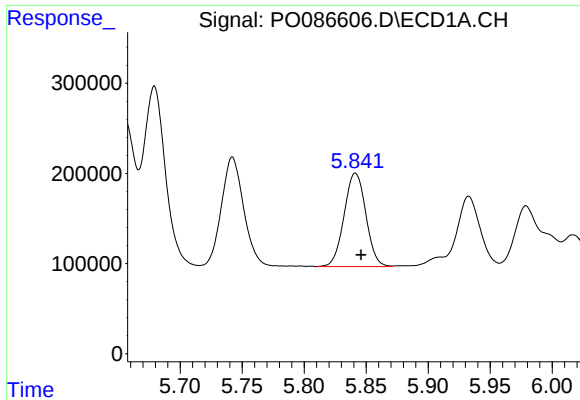
#18 AR-1242-3

R.T.: 5.742 min
Delta R.T.: -0.004 min
Response: 1538142
Conc: 654.69 ng/ml



#18 AR-1242-3

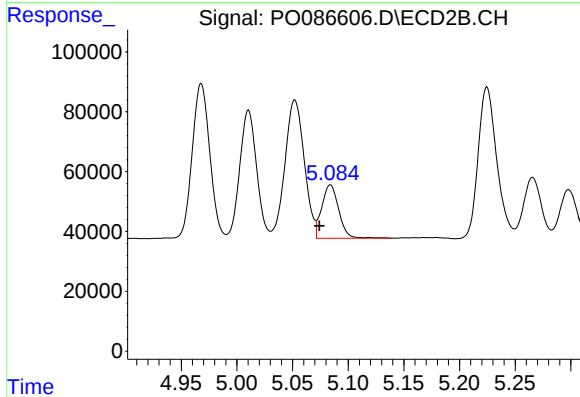
R.T.: 5.010 min
Delta R.T.: 0.021 min
Response: 451564
Conc: 480.22 ng/ml



#19 AR-1242-4

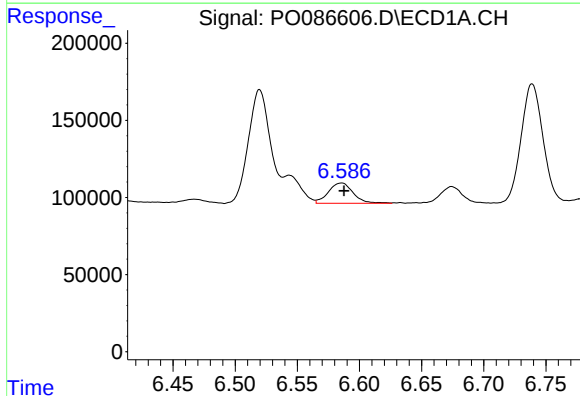
R.T.: 5.841 min
Delta R.T.: -0.005 min
Response: 1267235
Conc: 668.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



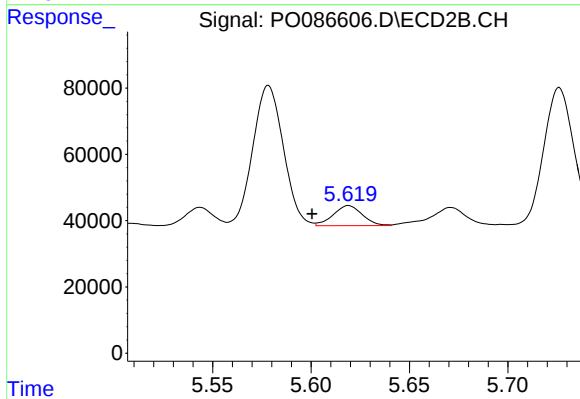
#19 AR-1242-4

R.T.: 5.084 min
Delta R.T.: 0.010 min
Response: 189945
Conc: 201.38 ng/ml



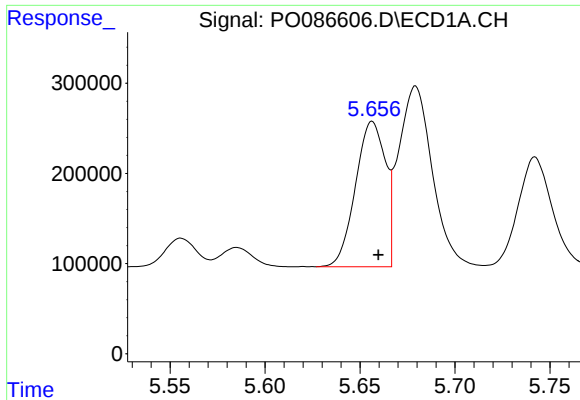
#20 AR-1242-5

R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 182359
Conc: 99.62 ng/ml



#20 AR-1242-5

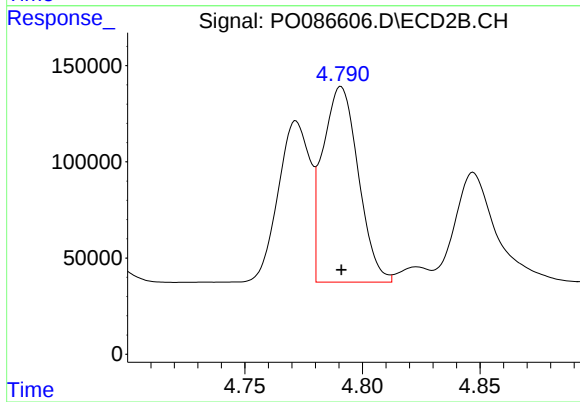
R.T.: 5.619 min
Delta R.T.: 0.019 min
Response: 62905
Conc: 55.31 ng/ml



#21 AR-1248-1

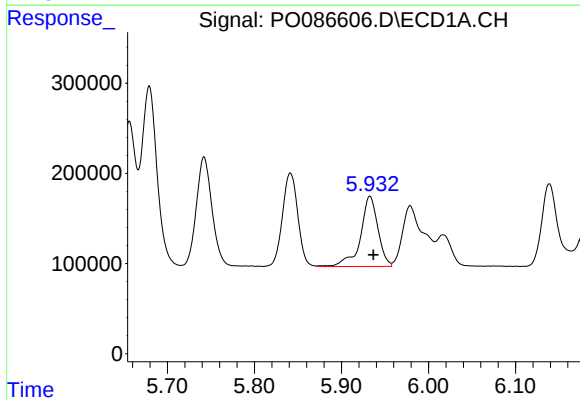
R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 1768214
Conc: 875.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



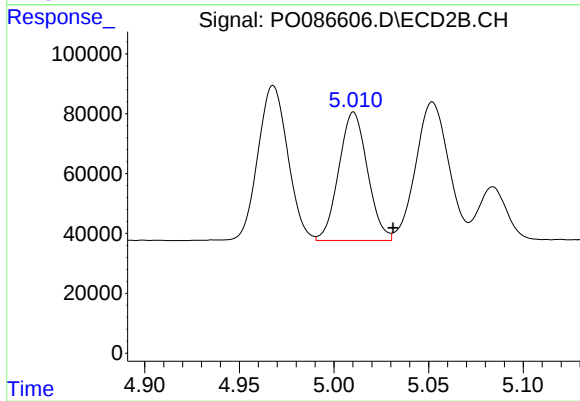
#21 AR-1248-1

R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 1072906
Conc: 1104.94 ng/ml



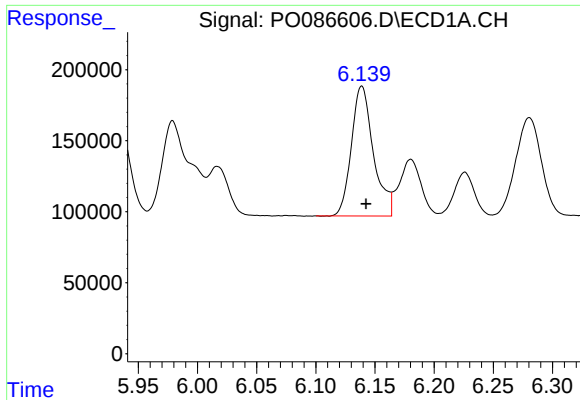
#22 AR-1248-2

R.T.: 5.933 min
Delta R.T.: -0.004 min
Response: 1090943
Conc: 404.38 ng/ml



#22 AR-1248-2

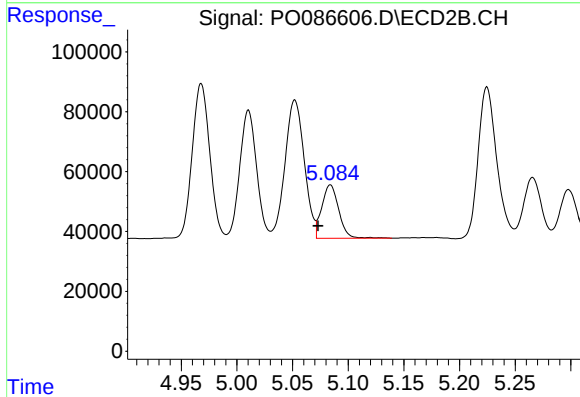
R.T.: 5.010 min
Delta R.T.: -0.021 min
Response: 451564
Conc: 339.52 ng/ml



#23 AR-1248-3

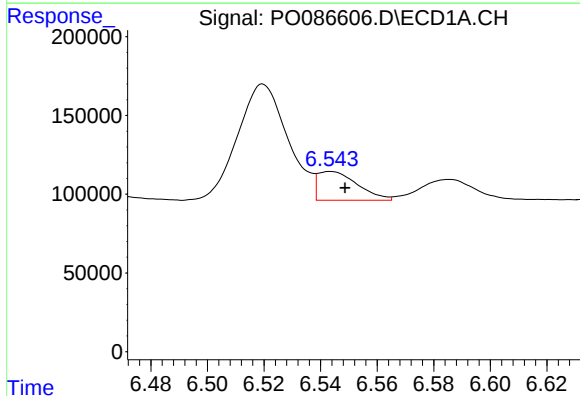
R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 1182935
Conc: 398.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



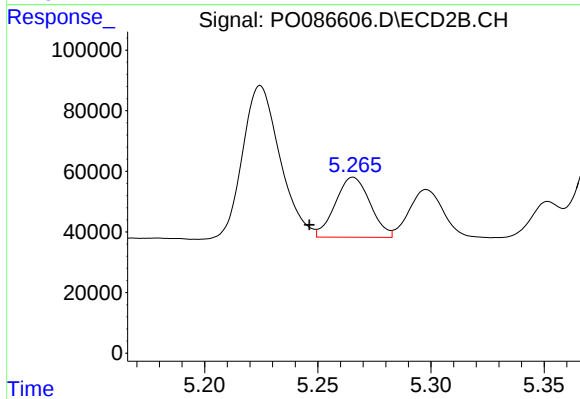
#23 AR-1248-3

R.T.: 5.084 min
Delta R.T.: 0.011 min
Response: 189945
Conc: 138.02 ng/ml



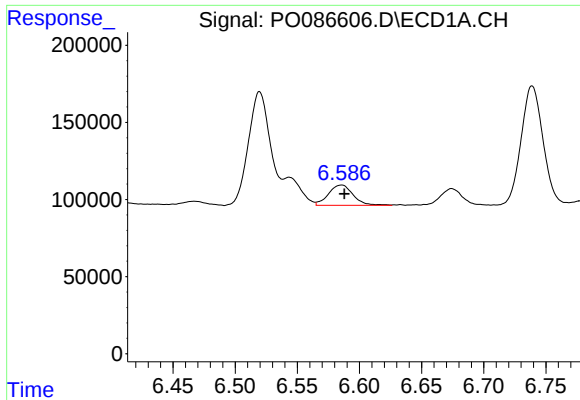
#24 AR-1248-4

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 178455
Conc: 55.44 ng/ml



#24 AR-1248-4

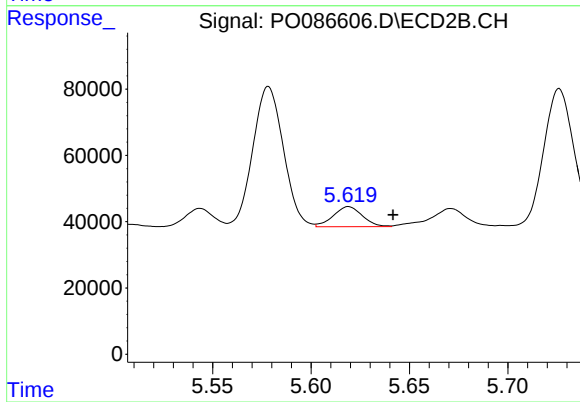
R.T.: 5.266 min
Delta R.T.: 0.019 min
Response: 211794
Conc: 132.28 ng/ml



#25 AR-1248-5

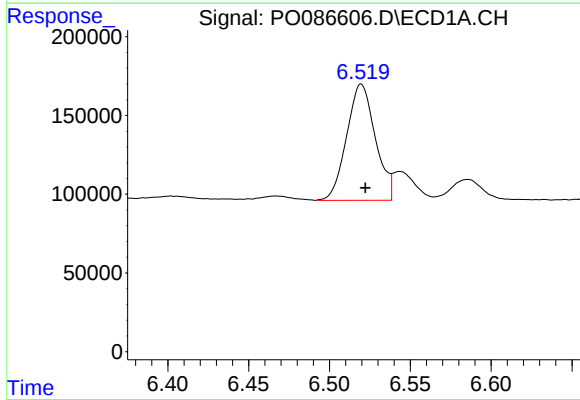
R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 182359
Conc: 58.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



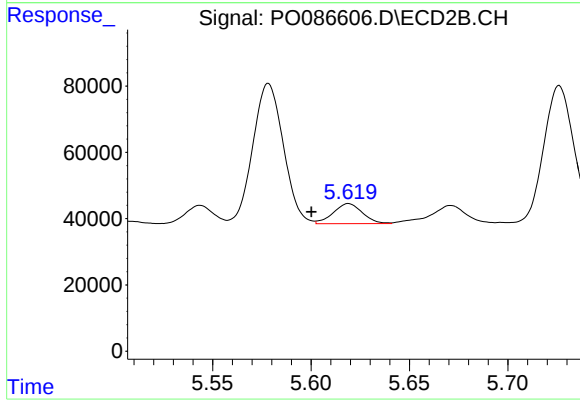
#25 AR-1248-5

R.T.: 5.619 min
Delta R.T.: -0.022 min
Response: 62905
Conc: 40.04 ng/ml



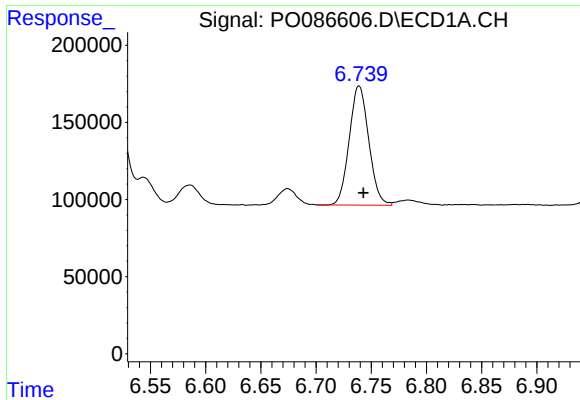
#26 AR-1254-1

R.T.: 6.520 min
Delta R.T.: -0.002 min
Response: 910752
Conc: 270.62 ng/ml



#26 AR-1254-1

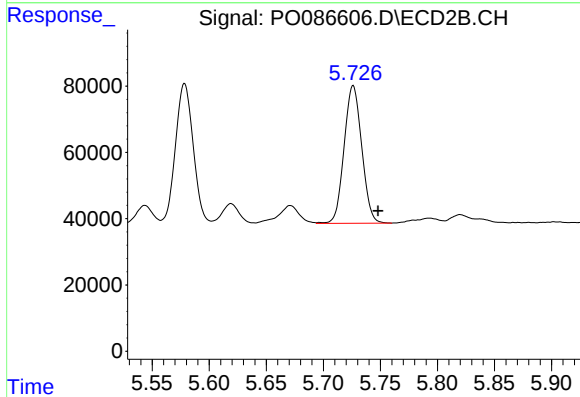
R.T.: 5.619 min
Delta R.T.: 0.019 min
Response: 62905
Conc: 24.98 ng/ml



#27 AR-1254-2

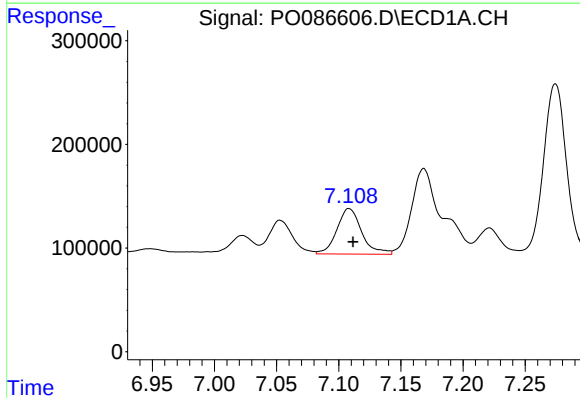
R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 950091
Conc: 193.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



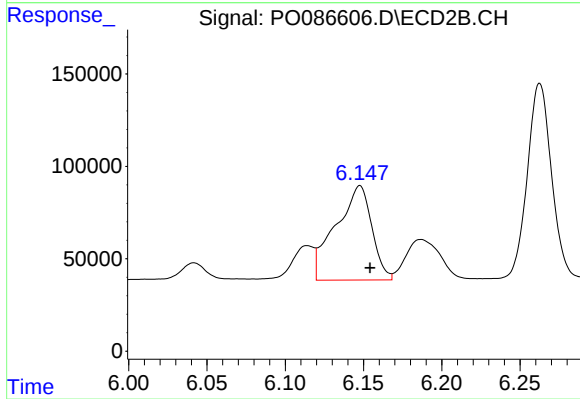
#27 AR-1254-2

R.T.: 5.726 min
Delta R.T.: -0.022 min
Response: 447756
Conc: 204.47 ng/ml



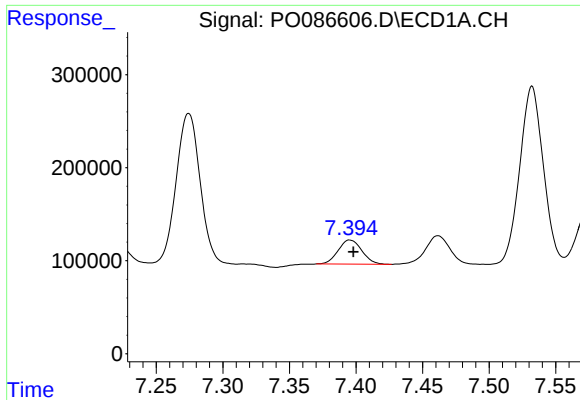
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.003 min
Response: 612056
Conc: 121.14 ng/ml



#28 AR-1254-3

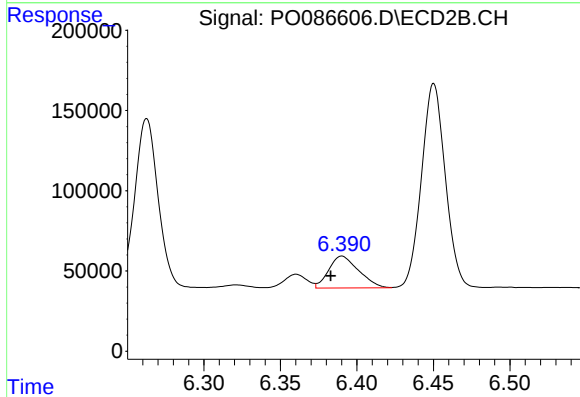
R.T.: 6.148 min
Delta R.T.: -0.007 min
Response: 818789
Conc: 231.75 ng/ml



#29 AR-1254-4

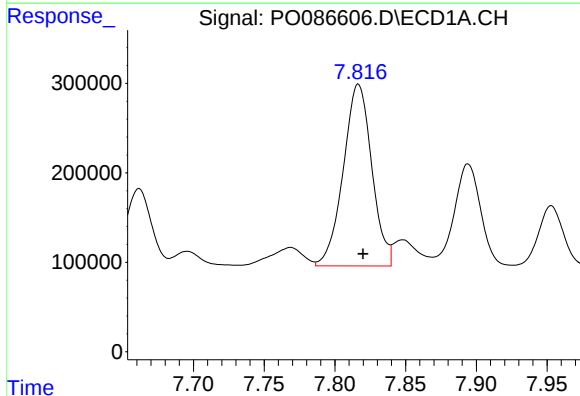
R.T.: 7.395 min
Delta R.T.: -0.003 min
Response: 321120
Conc: 86.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



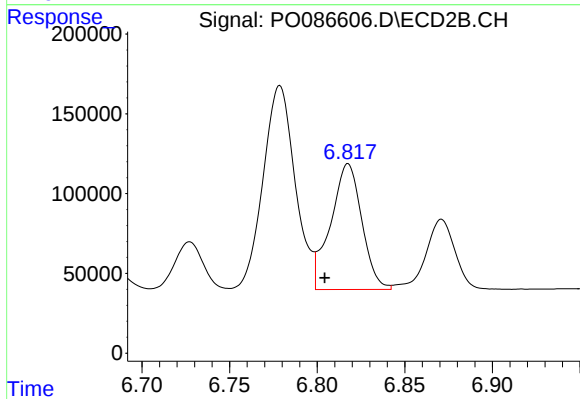
#29 AR-1254-4

R.T.: 6.390 min
Delta R.T.: 0.007 min
Response: 270625
Conc: 122.33 ng/ml



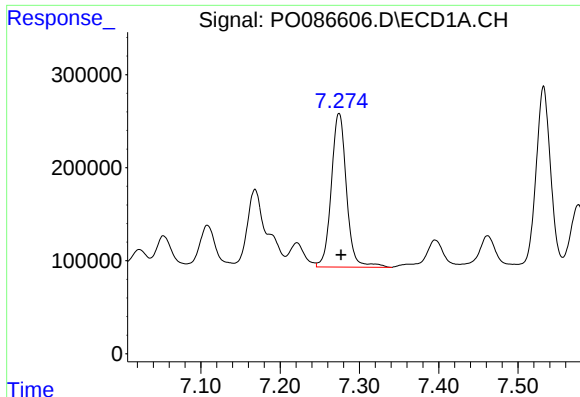
#30 AR-1254-5

R.T.: 7.817 min
Delta R.T.: -0.003 min
Response: 2853384
Conc: 732.30 ng/ml



#30 AR-1254-5

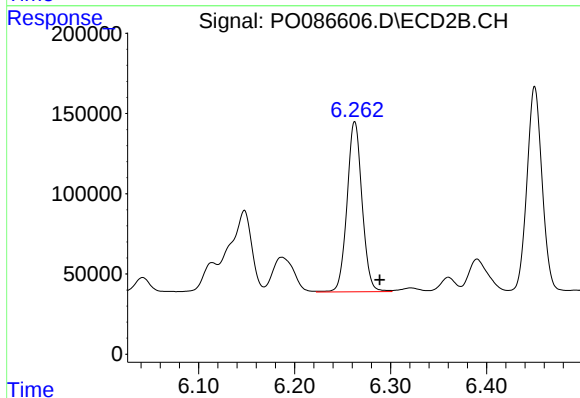
R.T.: 6.818 min
Delta R.T.: 0.013 min
Response: 977497
Conc: 330.48 ng/ml



#31 AR-1260-1

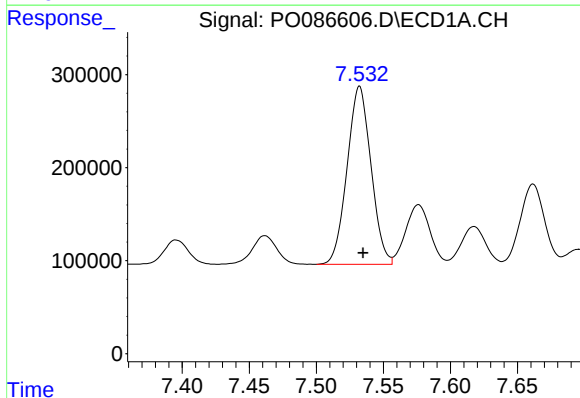
R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 2195969
Conc: 725.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



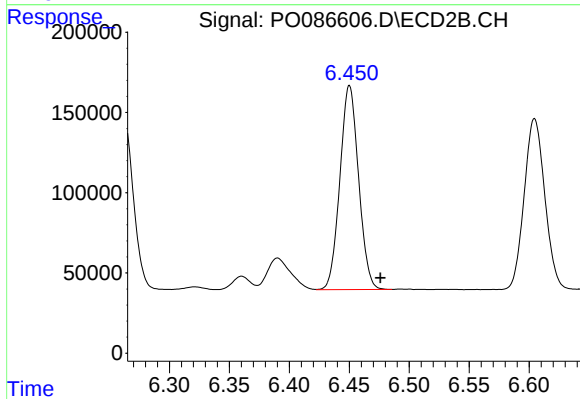
#31 AR-1260-1

R.T.: 6.263 min
Delta R.T.: -0.026 min
Response: 1153934
Conc: 592.88 ng/ml



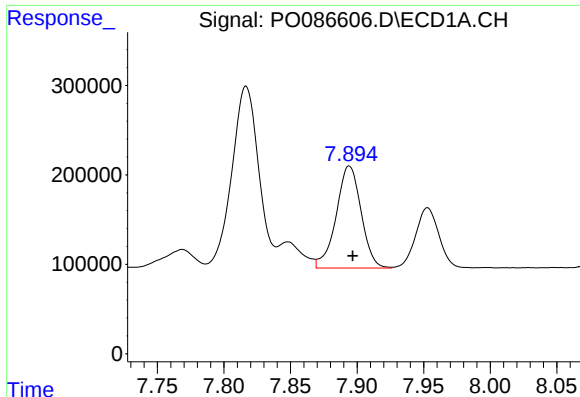
#32 AR-1260-2

R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 2368562
Conc: 654.75 ng/ml



#32 AR-1260-2

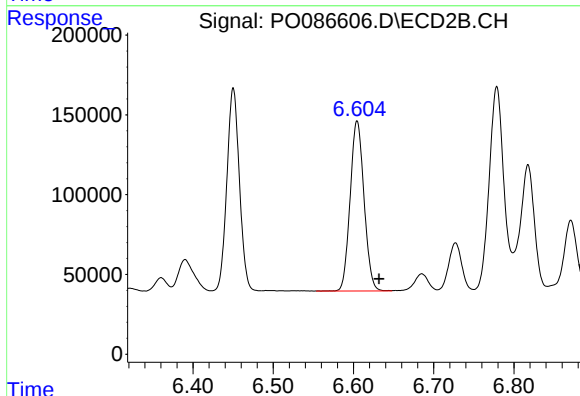
R.T.: 6.450 min
Delta R.T.: -0.026 min
Response: 1380511
Conc: 587.37 ng/ml



#33 AR-1260-3

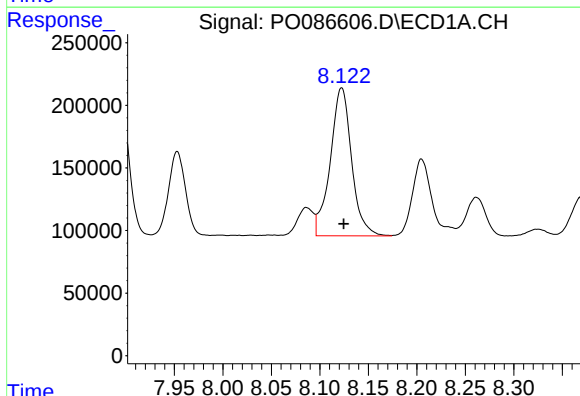
R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 1487082
Conc: 538.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



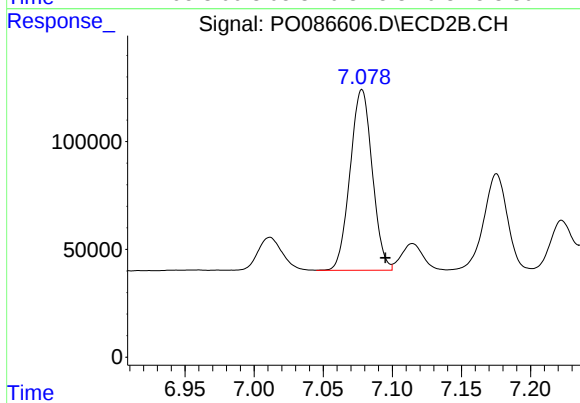
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.027 min
Response: 1279187
Conc: 594.90 ng/ml



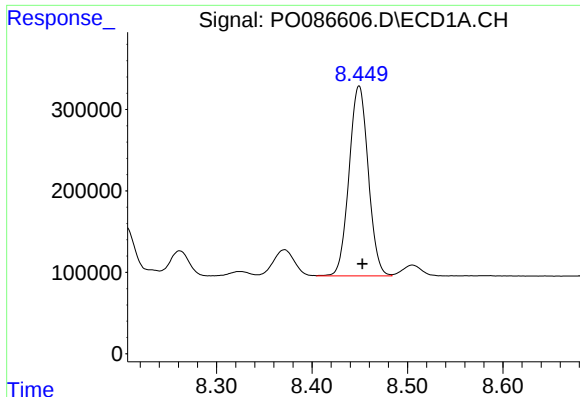
#34 AR-1260-4

R.T.: 8.122 min
Delta R.T.: -0.002 min
Response: 1812575
Conc: 537.22 ng/ml



#34 AR-1260-4

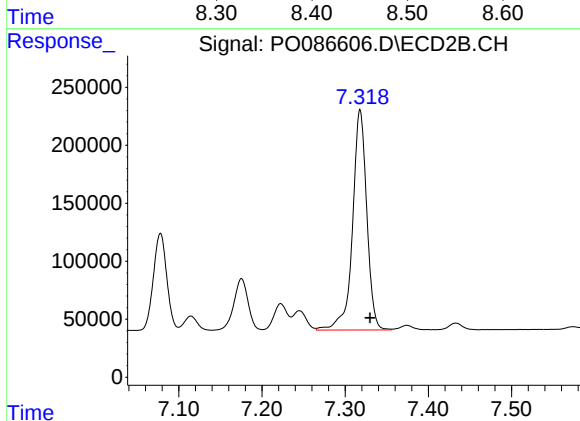
R.T.: 7.078 min
Delta R.T.: -0.017 min
Response: 937071
Conc: 520.41 ng/ml



#35 AR-1260-5

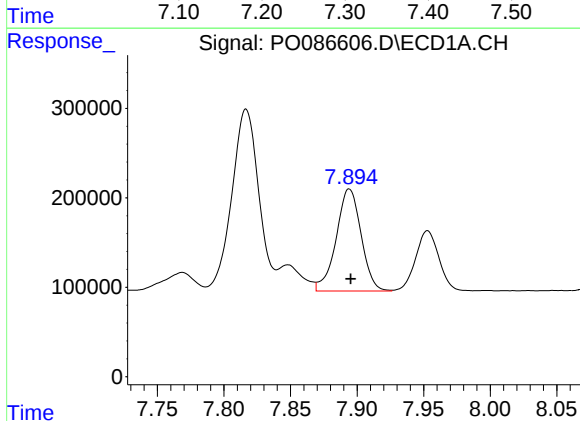
R.T.: 8.449 min
Delta R.T.: -0.003 min
Response: 3255450
Conc: 527.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



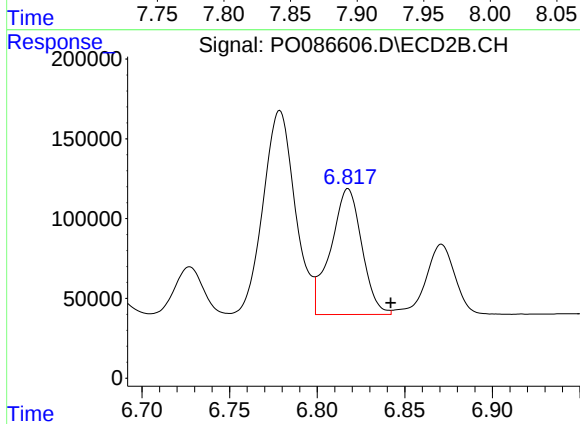
#35 AR-1260-5

R.T.: 7.318 min
Delta R.T.: -0.012 min
Response: 2261894
Conc: 522.16 ng/ml



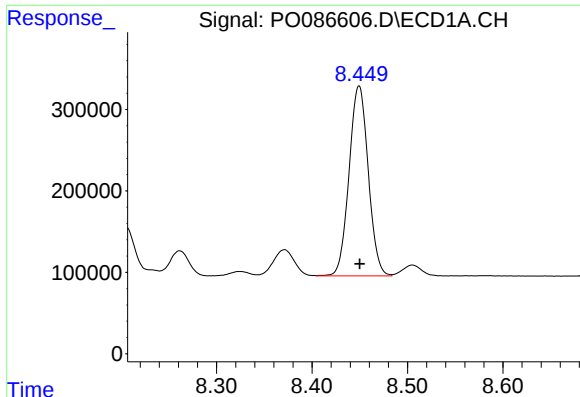
#36 AR-1262-1

R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 1487082
Conc: 328.80 ng/ml



#36 AR-1262-1

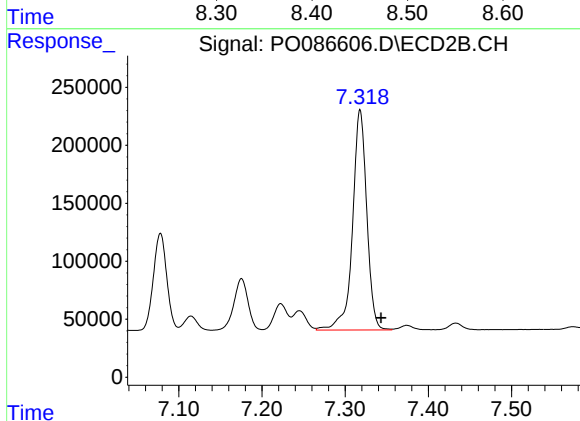
R.T.: 6.818 min
Delta R.T.: -0.024 min
Response: 977497
Conc: 323.52 ng/ml



#37 AR-1262-2

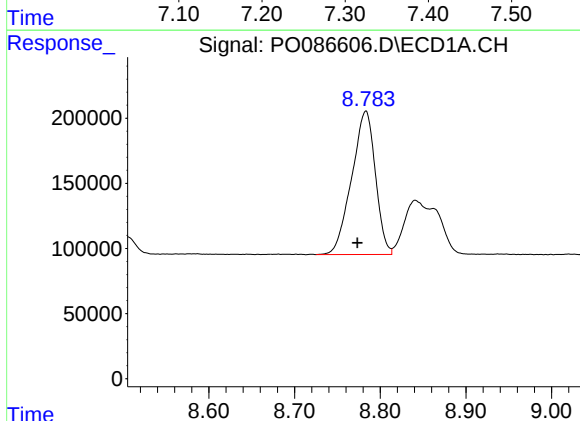
R.T.: 8.449 min
Delta R.T.: 0.000 min
Response: 3255450
Conc: 415.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



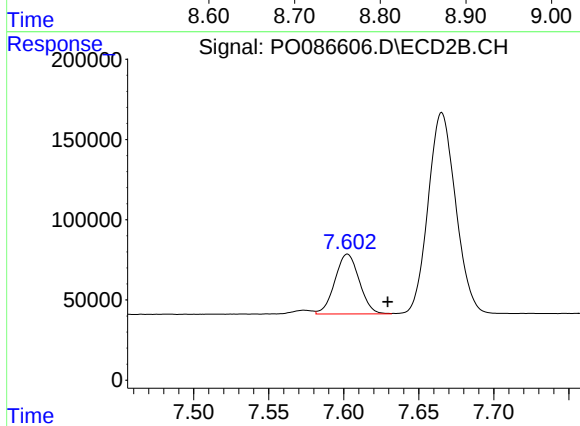
#37 AR-1262-2

R.T.: 7.318 min
Delta R.T.: -0.025 min
Response: 2261894
Conc: 411.76 ng/ml



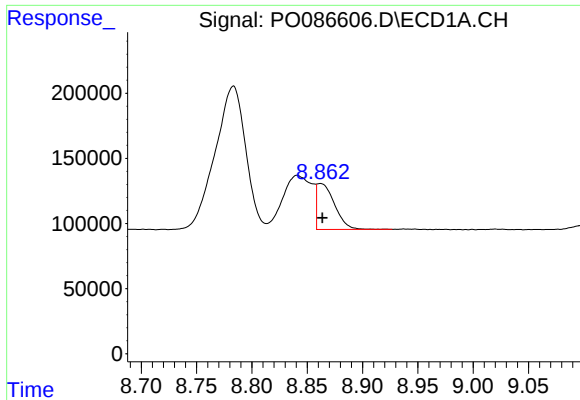
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.010 min
Response: 2120285
Conc: 403.15 ng/ml



#38 AR-1262-3

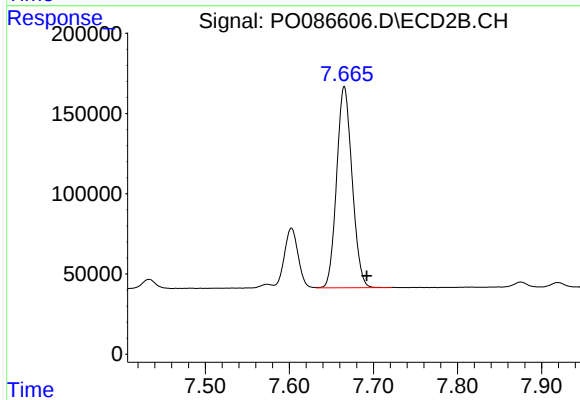
R.T.: 7.603 min
Delta R.T.: -0.027 min
Response: 422722
Conc: 200.54 ng/ml



#39 AR-1262-4

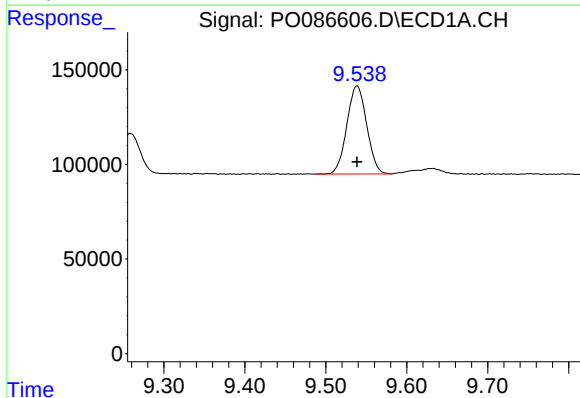
R.T.: 8.862 min
Delta R.T.: -0.002 min
Response: 391643
Conc: 163.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



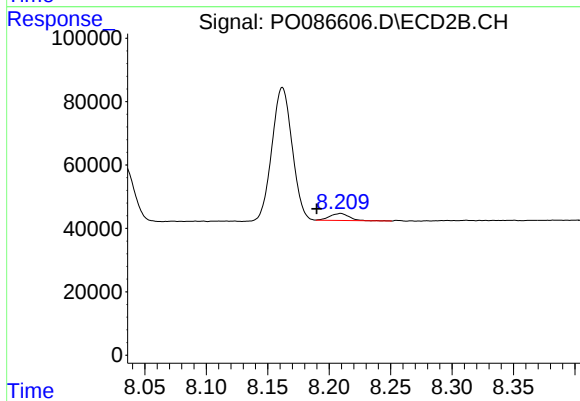
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: -0.027 min
Response: 1601671
Conc: 404.09 ng/ml



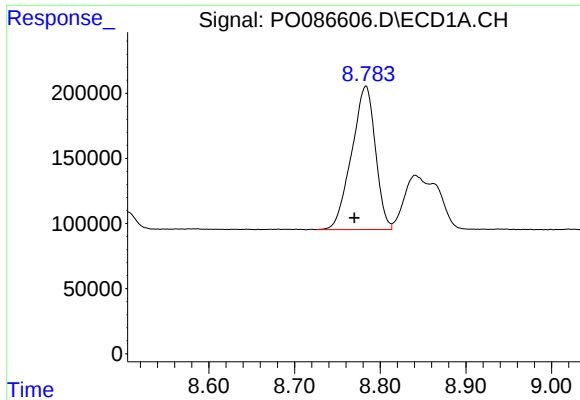
#40 AR-1262-5

R.T.: 9.539 min
Delta R.T.: 0.000 min
Response: 795281
Conc: 288.15 ng/ml



#40 AR-1262-5

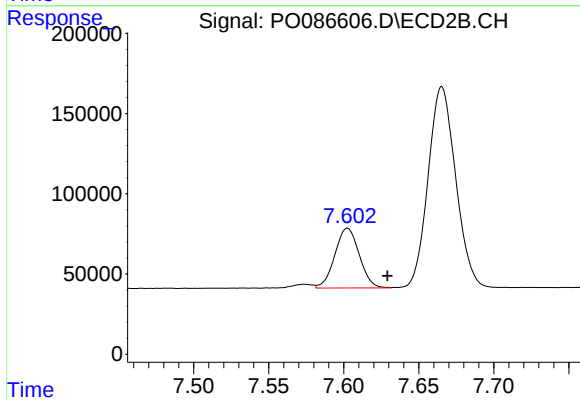
R.T.: 8.209 min
Delta R.T.: 0.019 min
Response: 24532
Conc: 13.69 ng/ml



#41 AR-1268-1

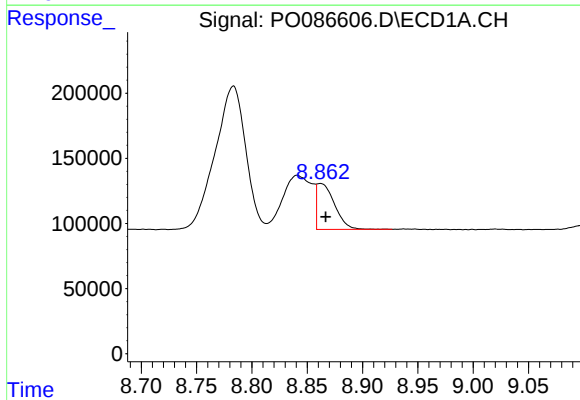
R.T.: 8.783 min
Delta R.T.: 0.013 min
Response: 2120285
Conc: 242.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



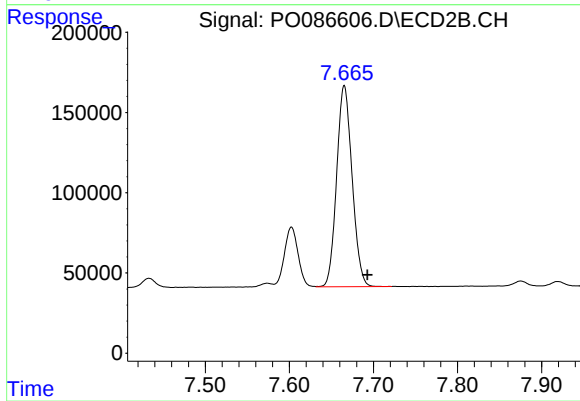
#41 AR-1268-1

R.T.: 7.603 min
Delta R.T.: -0.027 min
Response: 422722
Conc: 69.28 ng/ml



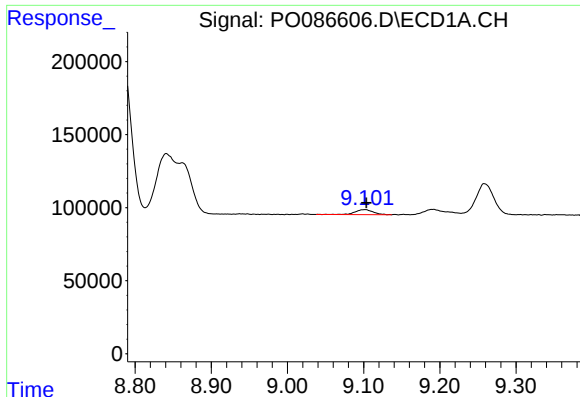
#42 AR-1268-2

R.T.: 8.862 min
Delta R.T.: -0.005 min
Response: 391643
Conc: 48.96 ng/ml



#42 AR-1268-2

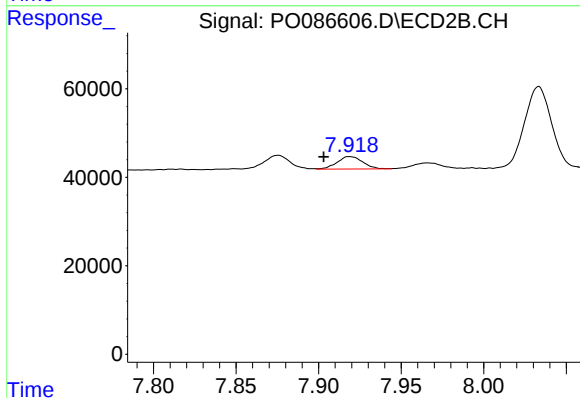
R.T.: 7.665 min
Delta R.T.: -0.028 min
Response: 1601671
Conc: 291.76 ng/ml



#43 AR-1268-3

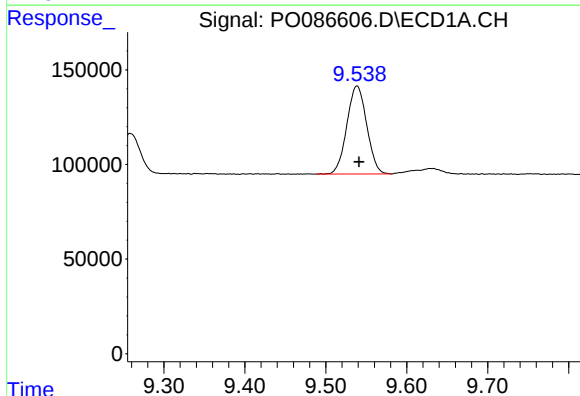
R.T.: 9.102 min
Delta R.T.: -0.002 min
Response: 59011
Conc: 8.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



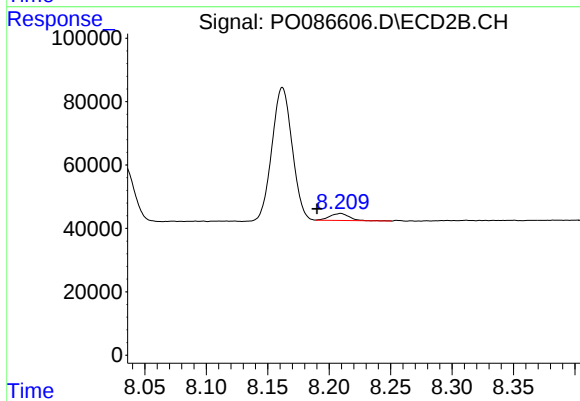
#43 AR-1268-3

R.T.: 7.919 min
Delta R.T.: 0.016 min
Response: 30267
Conc: 6.66 ng/ml



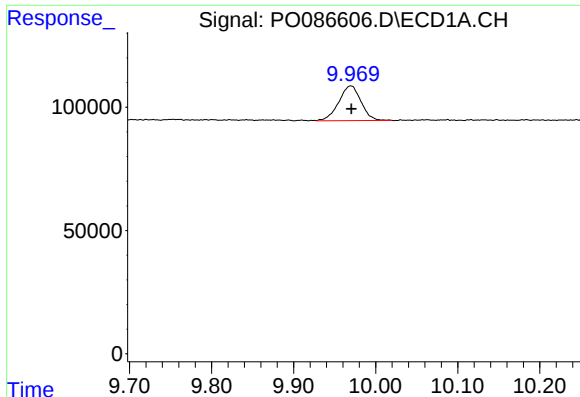
#44 AR-1268-4

R.T.: 9.539 min
Delta R.T.: -0.002 min
Response: 795281
Conc: 263.40 ng/ml



#44 AR-1268-4

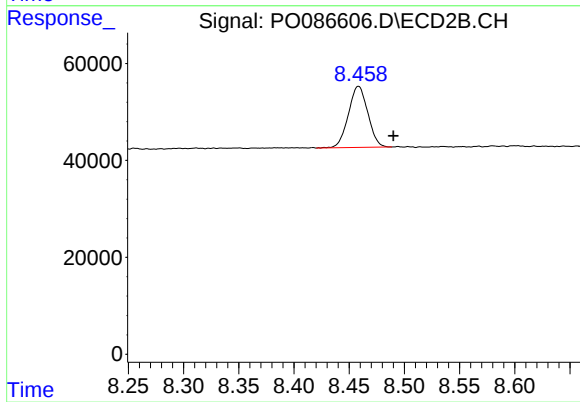
R.T.: 8.209 min
Delta R.T.: 0.019 min
Response: 24532
Conc: 12.56 ng/ml



#45 AR-1268-5

R.T.: 9.970 min
Delta R.T.: 0.000 min
Response: 265110
Conc: 12.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB145084BS



#45 AR-1268-5

R.T.: 8.458 min
Delta R.T.: -0.032 min
Response: 154505
Conc: 10.54 ng/ml