

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052422\
 Data File : P0086521.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2022 2:30
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:30:00 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...	4.478	3.673	4983571	2166164	49.048	49.731
2)	SA Decachlor...	10.325	8.721	2445396	1404252	45.036	40.351
Target Compounds							
3)	L1 AR-1016-1	5.660	4.794	1589613	1020616	497.394	653.504 #
4)	L1 AR-1016-2	5.682	4.826	2214762	69632	498.210	33.253 #
5)	L1 AR-1016-3	5.746	4.971	1413249	544272	515.421	492.390
6)	L1 AR-1016-4	5.844	5.013	1162834	445345	524.614	483.086
7)	L1 AR-1016-5	6.143	5.228	1088125	582725	525.137	516.073
8)	L2 AR-1221-1	4.683	3.890	171979	73001	140.466	141.962
9)	L2 AR-1221-2	4.776	3.978	251888	103843	275.940	269.452
10)	L2 AR-1221-3	4.853	4.055	902137	400337	334.742	329.656
11)	L3 AR-1232-1	4.853	4.055	902137	400337	440.682	433.244
12)	L3 AR-1232-2	5.389	4.826	1172080	69632	1244.546	85.421 #
13)	L3 AR-1232-3	5.682	4.971	2214762	544272	1260.045	1318.192
14)	L3 AR-1232-4	5.844	5.087	1162834	179906	1336.712	480.143 #
15)	L3 AR-1232-5	5.936	5.228	1019049	582725	1538.864	1391.370
16)	L4 AR-1242-1	5.660	4.794	1589613	1020616	584.769	772.707 #
17)	L4 AR-1242-2	5.682	4.826	2214762	69632	589.137	39.708 #
18)	L4 AR-1242-3	5.746	4.971	1413249	544272	601.531	578.812
19)	L4 AR-1242-4	5.844	5.087	1162834	179906	613.480	190.734 #
20)	L4 AR-1242-5	6.588	5.582	187518	412352	102.439	362.594 #
21)	L5 AR-1248-1	5.660	4.794	1589613	1020616	786.993	1051.091 #
22)	L5 AR-1248-2	5.936	5.013	1019049	445345	377.731	334.842
23)	L5 AR-1248-3	6.143	5.087	1088125	179906	366.736	130.730 #
24)	L5 AR-1248-4	6.548	5.228	211067	582725	65.567	363.939 #
25)	L5 AR-1248-5	6.588	5.622	187518	83687	60.251	53.269
26)	L6 AR-1254-1	6.523	5.582	768454	412352	228.342	163.716 #
27)	L6 AR-1254-2	6.742	5.729	740964	365773	150.570	167.032
28)	L6 AR-1254-3	7.112	6.150	449113	659182	88.891	186.574 #
29)	L6 AR-1254-4	7.399	6.393	273487	191619	73.425	86.619
30)	L6 AR-1254-5	7.820	6.821	2044379	843382	524.673	285.134 #
31)	L7 AR-1260-1	7.277	6.265	1593799	890260	526.629	457.407
32)	L7 AR-1260-2	7.536	6.453	1808198	1067369	499.849	454.137
33)	L7 AR-1260-3	7.898	6.607	1321161	953648	478.682	443.501
34)	L7 AR-1260-4	8.126	7.118	1486204	82397	440.489	45.760 #
35)	L7 AR-1260-5	8.453	7.321	2776255	1790149	449.908	413.256
36)	L8 AR-1262-1	7.898	6.821	1321161	843382	292.117	279.131
37)	L8 AR-1262-2	8.453	7.321	2776255	1790149	354.708	325.882
38)	L8 AR-1262-3	8.786	7.605	1804595	406166	343.127	192.684 #
39)	L8 AR-1262-4	8.866	7.668	486273	1281941	203.201	323.425 #
40)	L8 AR-1262-5	9.542	8.211	812916	23986	294.538	13.389 #
41)	L9 AR-1268-1	8.786	7.605	1804595	406166	206.701	66.565 #

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 ALS Vial : 3 Sample Multiplier: 1

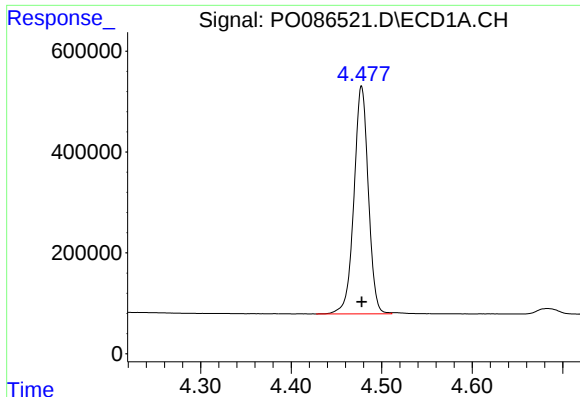
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:30:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051122.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.866	7.668	486273	1281941	60.793	233.522 #
43) L9	AR-1268-3	9.104	7.921	34914	20075	5.261	4.417
44) L9	AR-1268-4	9.542	8.211	812916	23986	269.239	12.285 #
45) L9	AR-1268-5	9.972	8.461	211645	117826	9.678	8.039

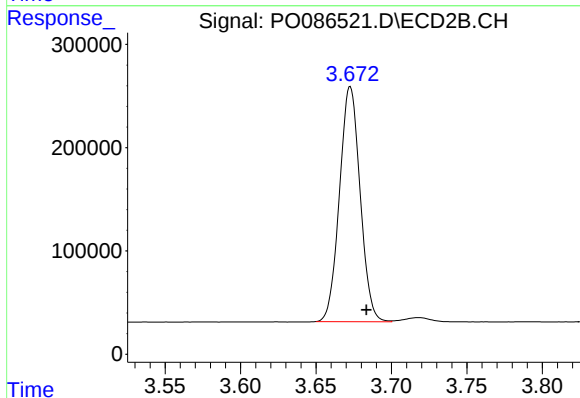
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

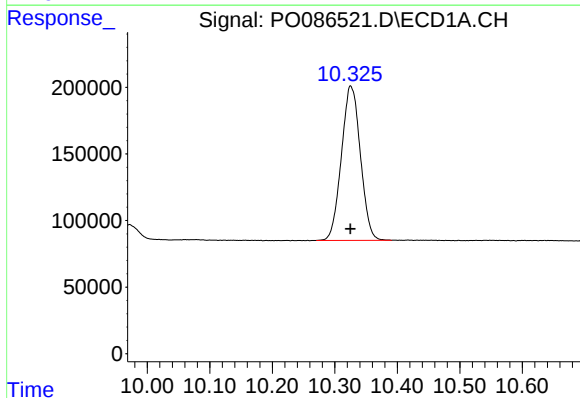
R.T.: 4.478 min
Delta R.T.: 0.000 min
Response: 4983571
Conc: 49.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



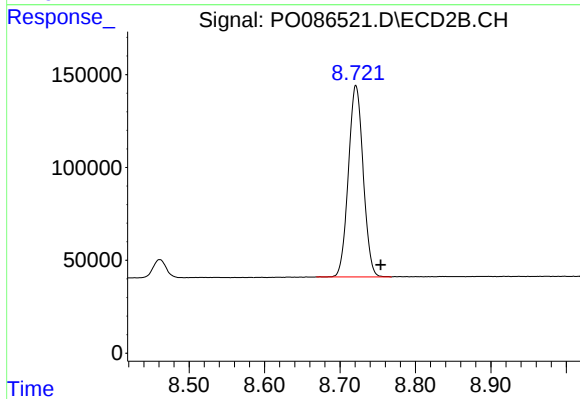
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: -0.011 min
Response: 2166164
Conc: 49.73 ng/ml



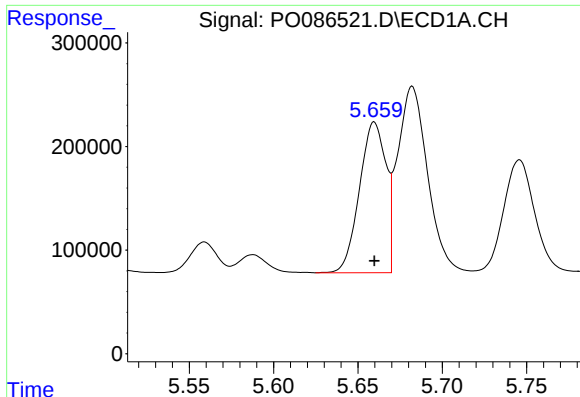
#2 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: 0.000 min
Response: 2445396
Conc: 45.04 ng/ml



#2 Decachlorobiphenyl

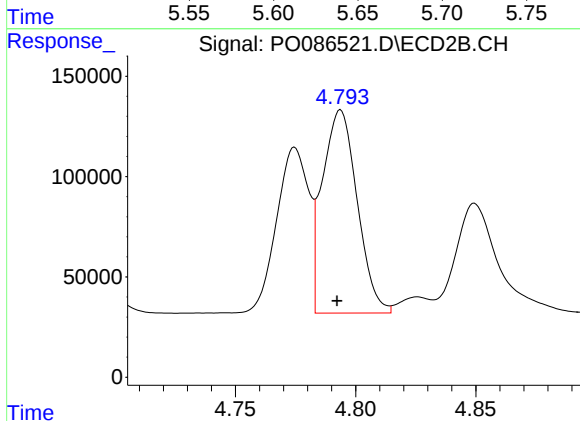
R.T.: 8.721 min
Delta R.T.: -0.033 min
Response: 1404252
Conc: 40.35 ng/ml



#3 AR-1016-1

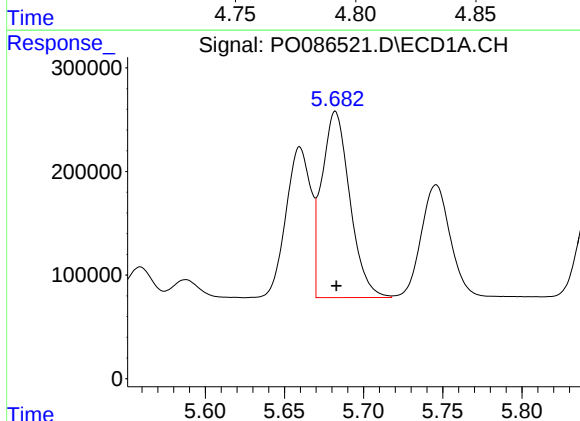
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 1589613
Conc: 497.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



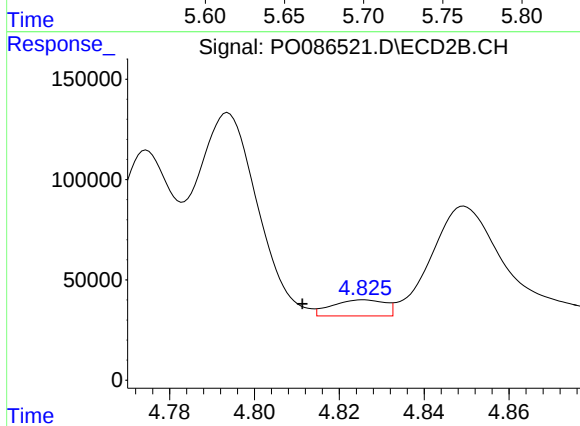
#3 AR-1016-1

R.T.: 4.794 min
Delta R.T.: 0.001 min
Response: 1020616
Conc: 653.50 ng/ml



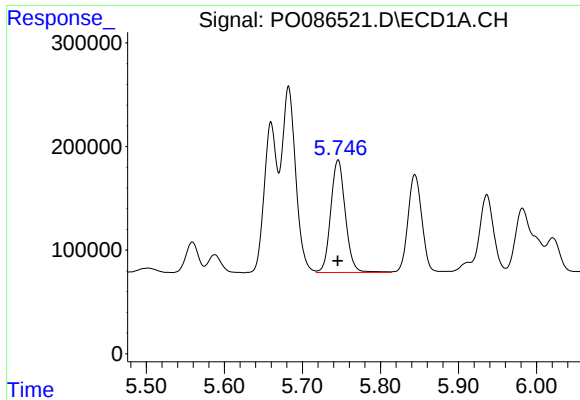
#4 AR-1016-2

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 2214762
Conc: 498.21 ng/ml



#4 AR-1016-2

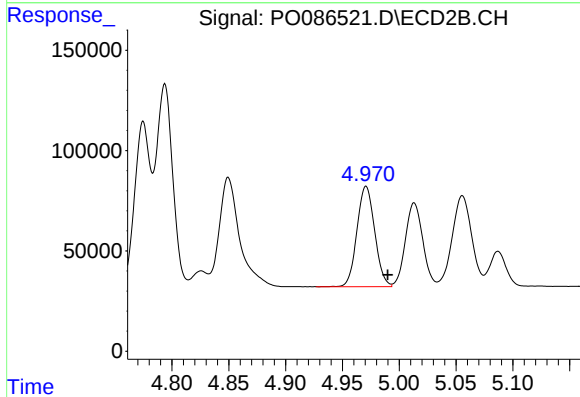
R.T.: 4.826 min
Delta R.T.: 0.014 min
Response: 69632
Conc: 33.25 ng/ml



#5 AR-1016-3

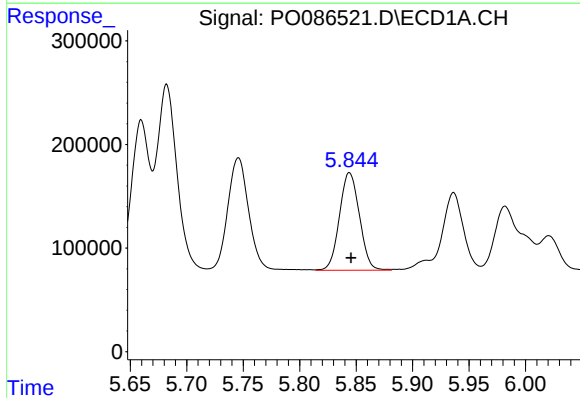
R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 1413249
Conc: 515.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



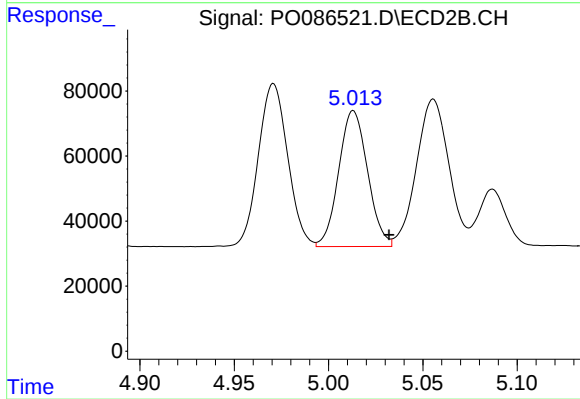
#5 AR-1016-3

R.T.: 4.971 min
Delta R.T.: -0.019 min
Response: 544272
Conc: 492.39 ng/ml



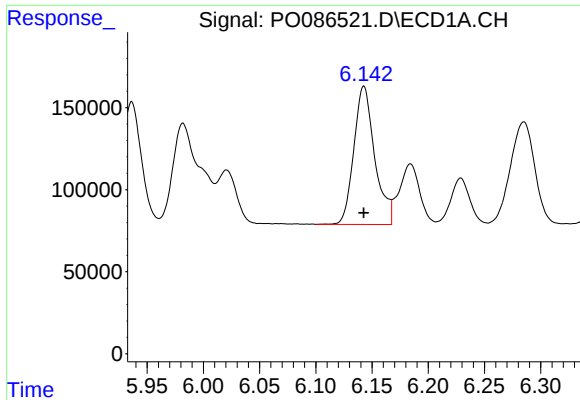
#6 AR-1016-4

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 1162834
Conc: 524.61 ng/ml



#6 AR-1016-4

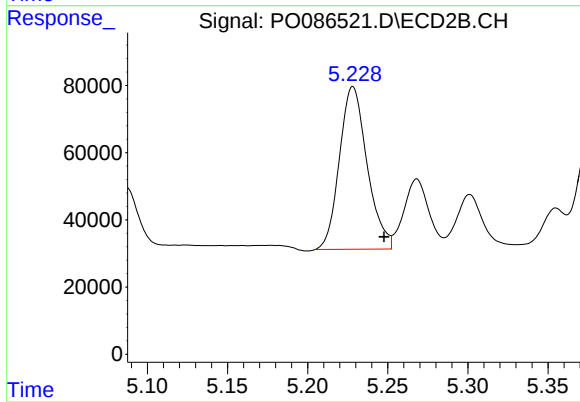
R.T.: 5.013 min
Delta R.T.: -0.019 min
Response: 445345
Conc: 483.09 ng/ml



#7 AR-1016-5

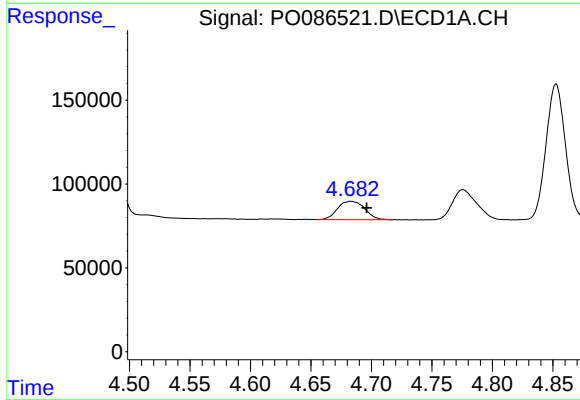
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 1088125
Conc: 525.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



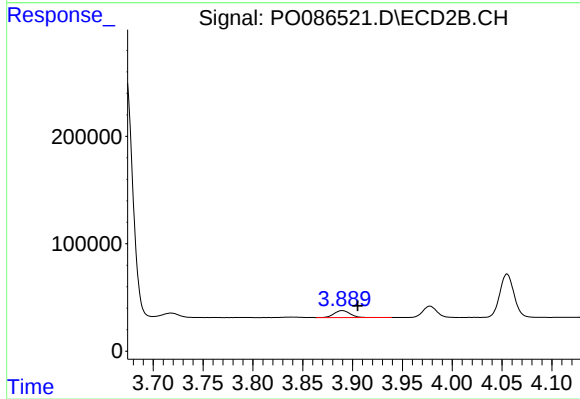
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: -0.019 min
Response: 582725
Conc: 516.07 ng/ml



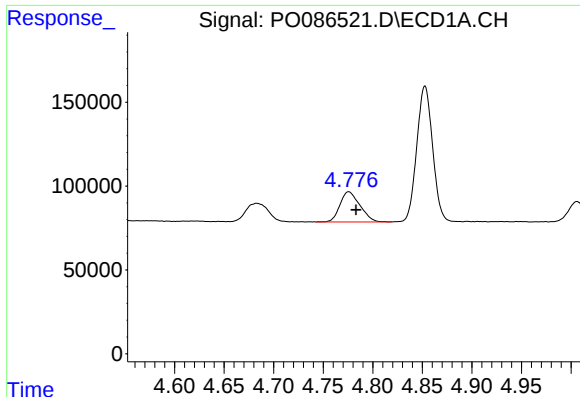
#8 AR-1221-1

R.T.: 4.683 min
Delta R.T.: -0.013 min
Response: 171979
Conc: 140.47 ng/ml



#8 AR-1221-1

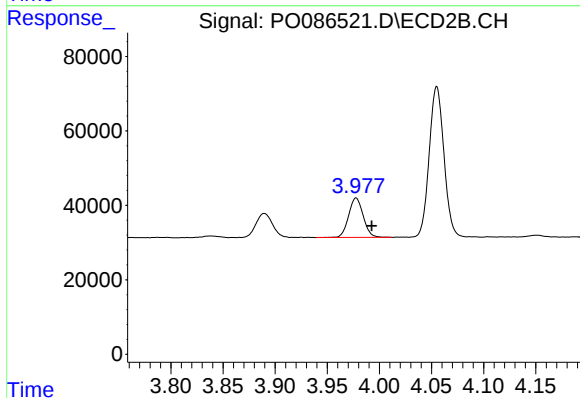
R.T.: 3.890 min
Delta R.T.: -0.016 min
Response: 73001
Conc: 141.96 ng/ml



#9 AR-1221-2

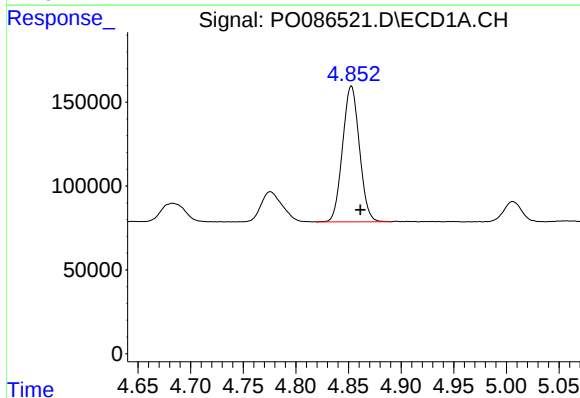
R.T.: 4.776 min
Delta R.T.: -0.007 min
Response: 251888
Conc: 275.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



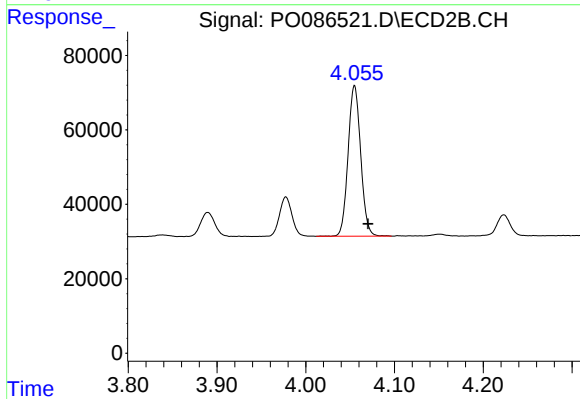
#9 AR-1221-2

R.T.: 3.978 min
Delta R.T.: -0.015 min
Response: 103843
Conc: 269.45 ng/ml



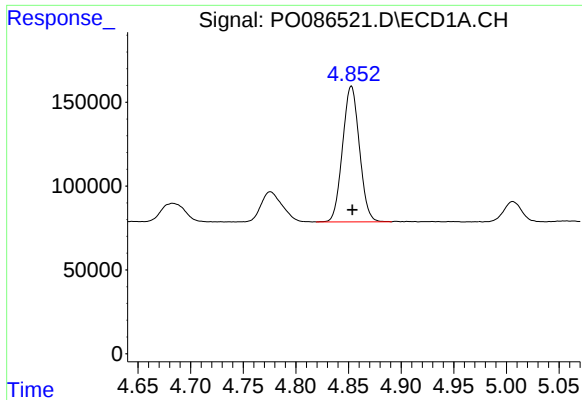
#10 AR-1221-3

R.T.: 4.853 min
Delta R.T.: -0.009 min
Response: 902137
Conc: 334.74 ng/ml



#10 AR-1221-3

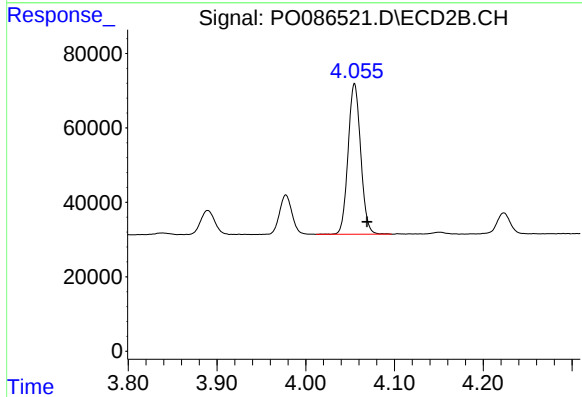
R.T.: 4.055 min
Delta R.T.: -0.015 min
Response: 400337
Conc: 329.66 ng/ml



#11 AR-1232-1

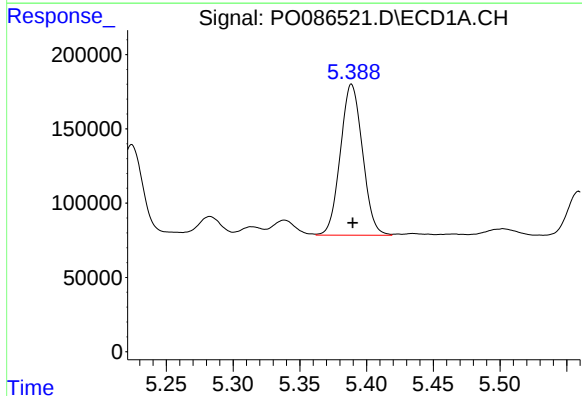
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 902137
Conc: 440.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



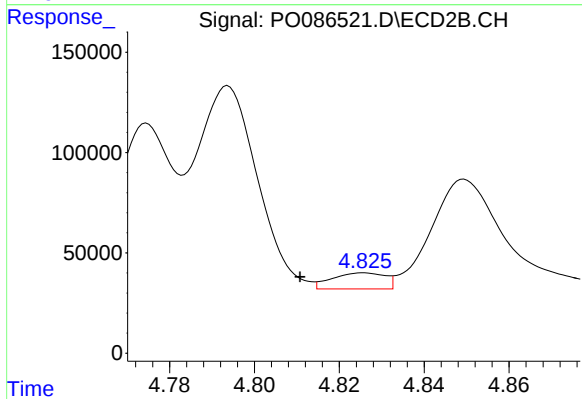
#11 AR-1232-1

R.T.: 4.055 min
Delta R.T.: -0.014 min
Response: 400337
Conc: 433.24 ng/ml



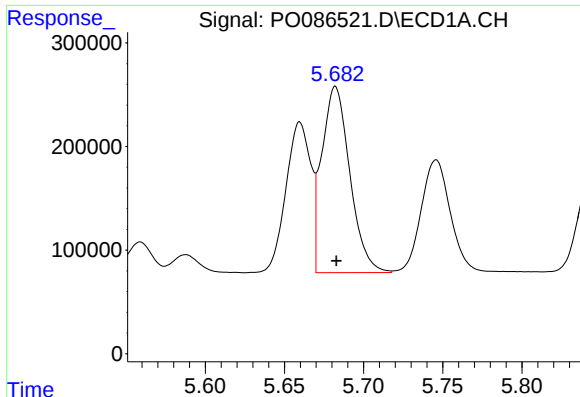
#12 AR-1232-2

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 1172080
Conc: 1244.55 ng/ml



#12 AR-1232-2

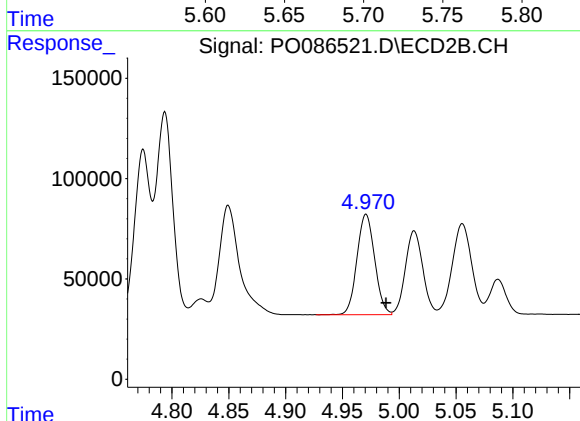
R.T.: 4.826 min
Delta R.T.: 0.015 min
Response: 69632
Conc: 85.42 ng/ml



#13 AR-1232-3

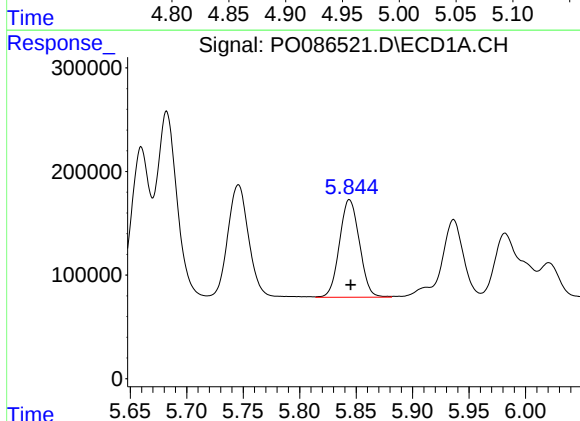
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 2214762
Conc: 1260.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



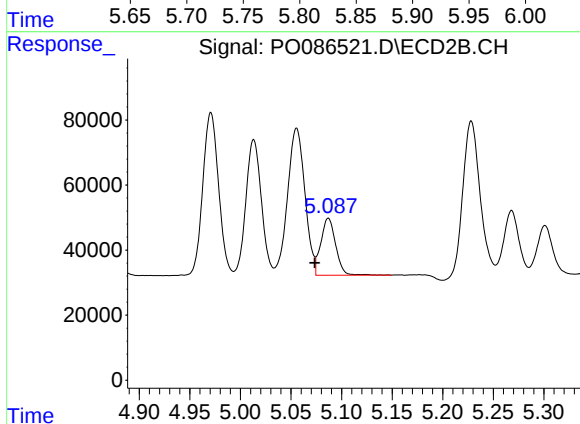
#13 AR-1232-3

R.T.: 4.971 min
Delta R.T.: -0.018 min
Response: 544272
Conc: 1318.19 ng/ml



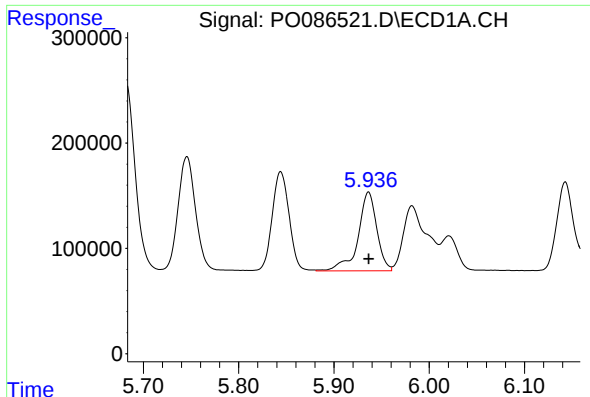
#14 AR-1232-4

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 1162834
Conc: 1336.71 ng/ml



#14 AR-1232-4

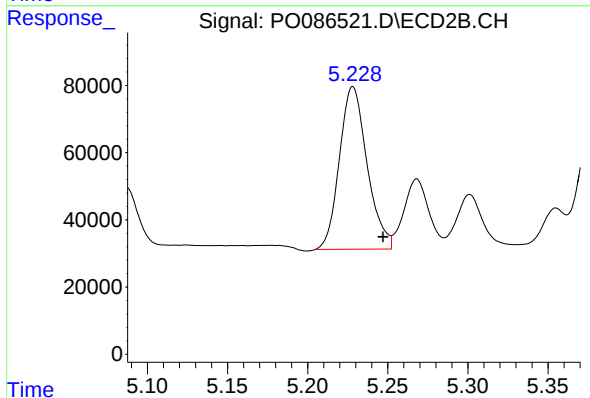
R.T.: 5.087 min
Delta R.T.: 0.013 min
Response: 179906
Conc: 480.14 ng/ml



#15 AR-1232-5

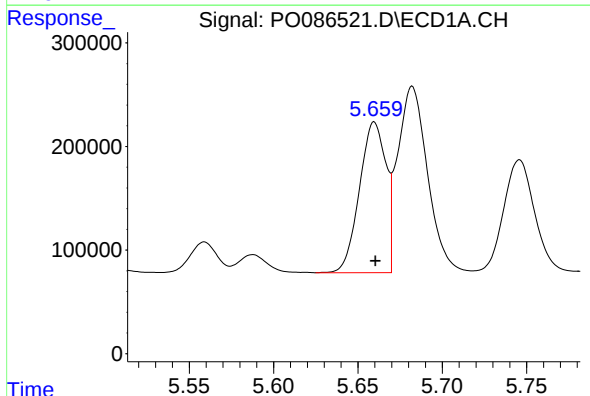
R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 1019049
Conc: 1538.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



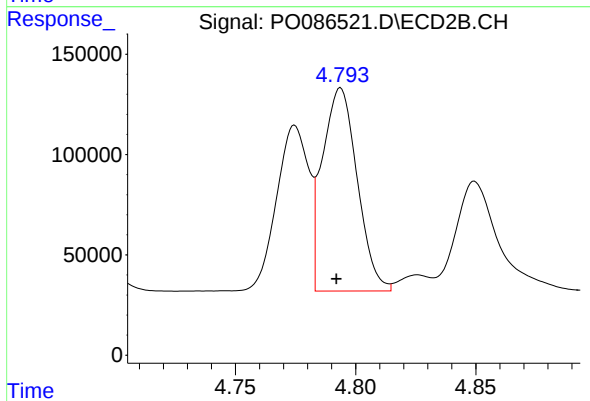
#15 AR-1232-5

R.T.: 5.228 min
Delta R.T.: -0.019 min
Response: 582725
Conc: 1391.37 ng/ml



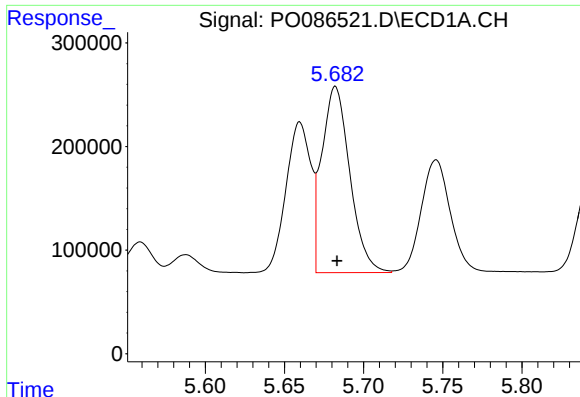
#16 AR-1242-1

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 1589613
Conc: 584.77 ng/ml



#16 AR-1242-1

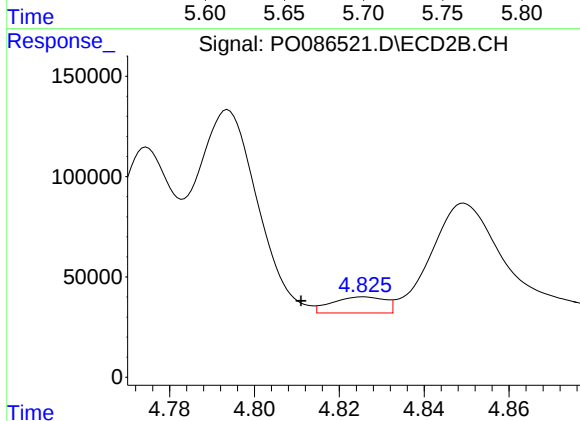
R.T.: 4.794 min
Delta R.T.: 0.002 min
Response: 1020616
Conc: 772.71 ng/ml



#17 AR-1242-2

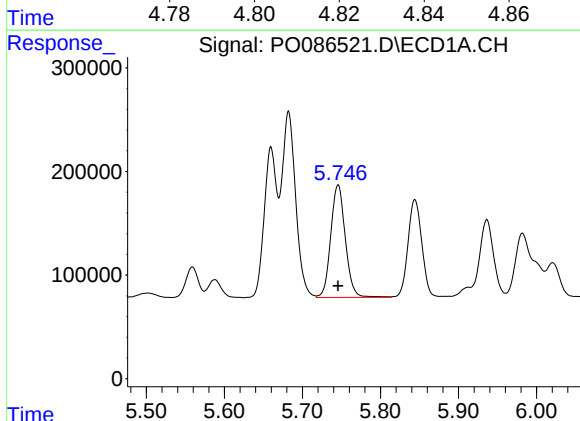
R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 2214762
Conc: 589.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



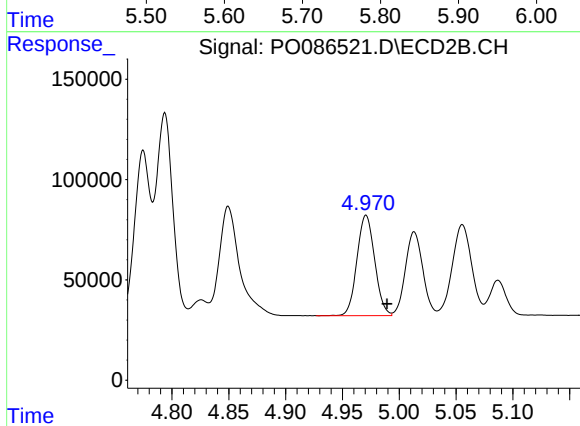
#17 AR-1242-2

R.T.: 4.826 min
Delta R.T.: 0.015 min
Response: 69632
Conc: 39.71 ng/ml



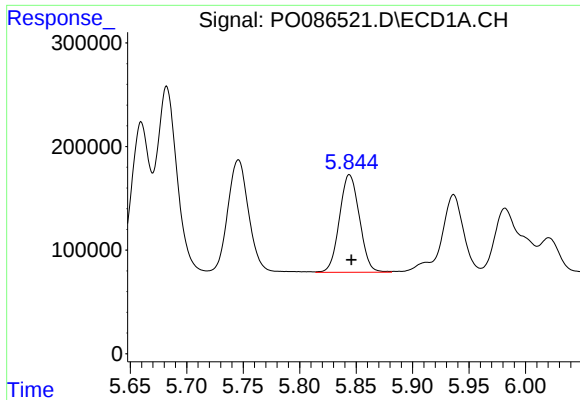
#18 AR-1242-3

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 1413249
Conc: 601.53 ng/ml



#18 AR-1242-3

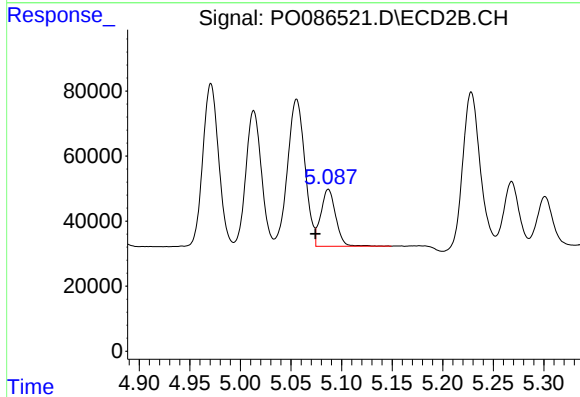
R.T.: 4.971 min
Delta R.T.: -0.018 min
Response: 544272
Conc: 578.81 ng/ml



#19 AR-1242-4

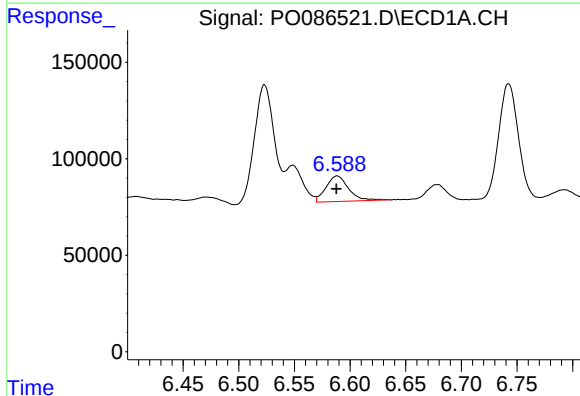
R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 1162834
Conc: 613.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



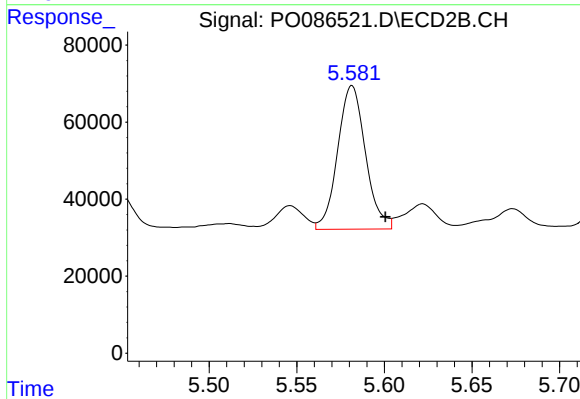
#19 AR-1242-4

R.T.: 5.087 min
Delta R.T.: 0.013 min
Response: 179906
Conc: 190.73 ng/ml



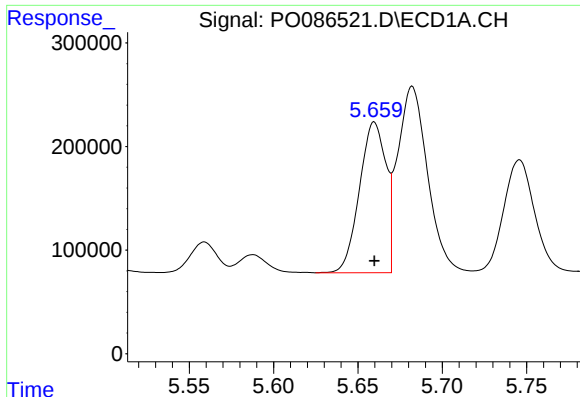
#20 AR-1242-5

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 187518
Conc: 102.44 ng/ml



#20 AR-1242-5

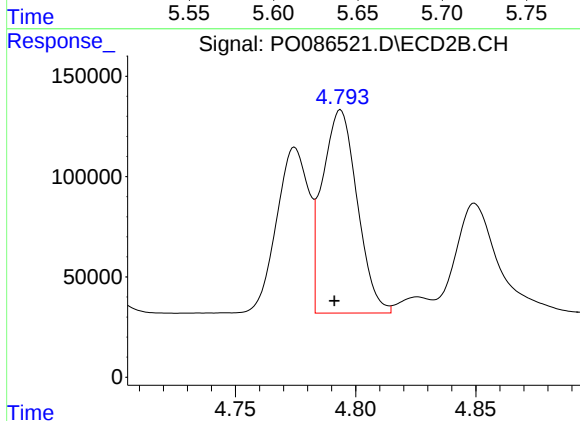
R.T.: 5.582 min
Delta R.T.: -0.019 min
Response: 412352
Conc: 362.59 ng/ml



#21 AR-1248-1

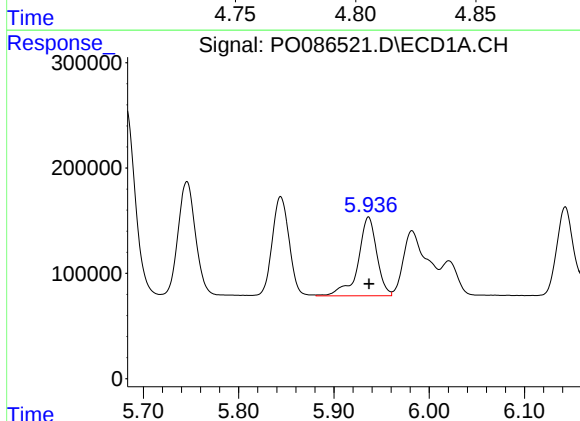
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 1589613
Conc: 786.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



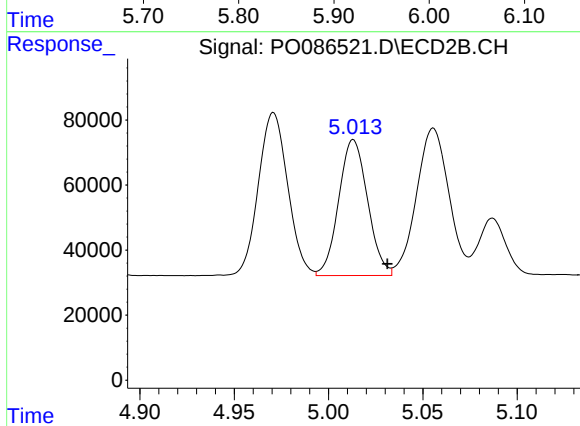
#21 AR-1248-1

R.T.: 4.794 min
Delta R.T.: 0.003 min
Response: 1020616
Conc: 1051.09 ng/ml



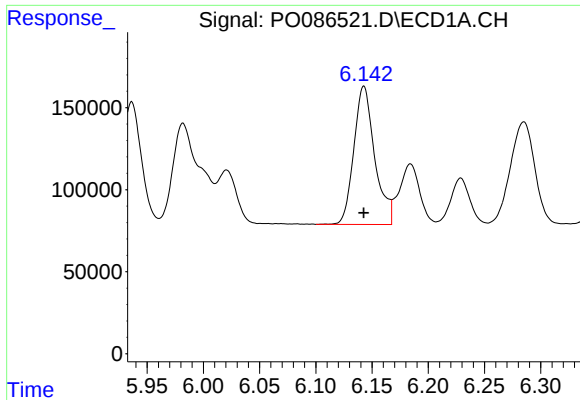
#22 AR-1248-2

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 1019049
Conc: 377.73 ng/ml



#22 AR-1248-2

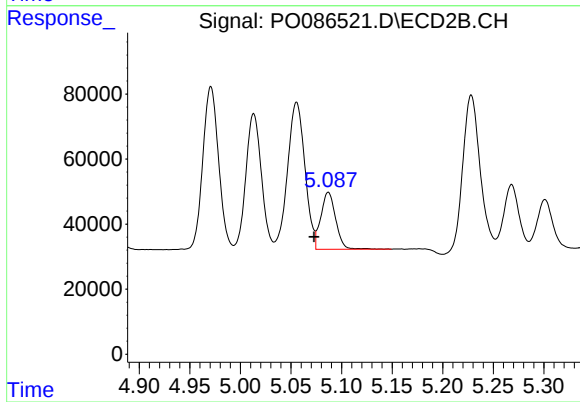
R.T.: 5.013 min
Delta R.T.: -0.018 min
Response: 445345
Conc: 334.84 ng/ml



#23 AR-1248-3

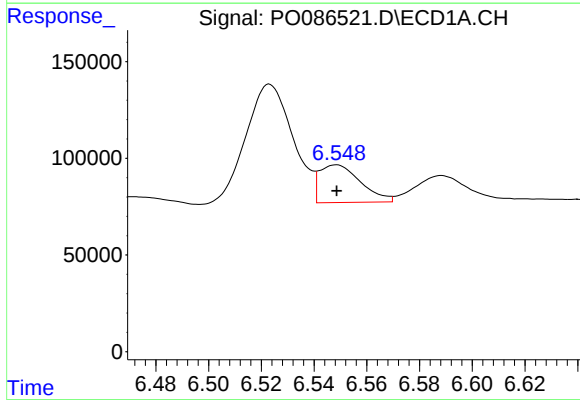
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 1088125
Conc: 366.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



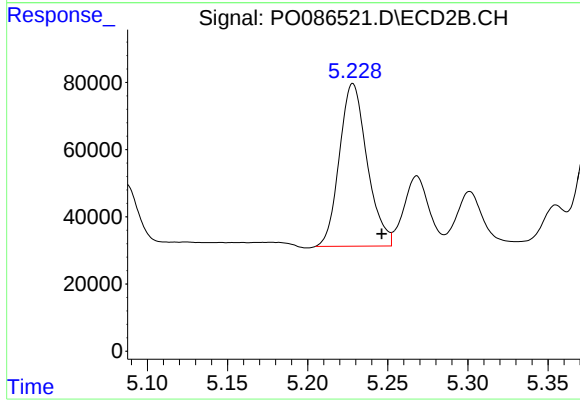
#23 AR-1248-3

R.T.: 5.087 min
Delta R.T.: 0.014 min
Response: 179906
Conc: 130.73 ng/ml



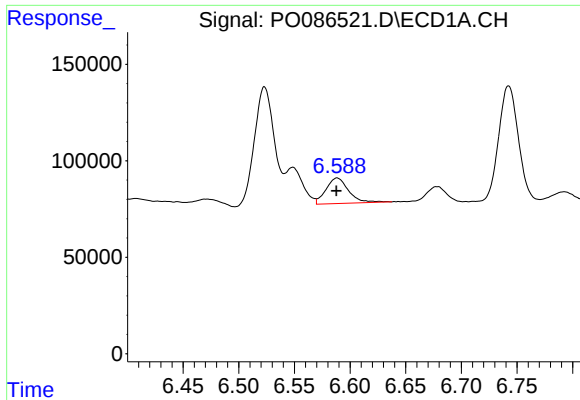
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 211067
Conc: 65.57 ng/ml



#24 AR-1248-4

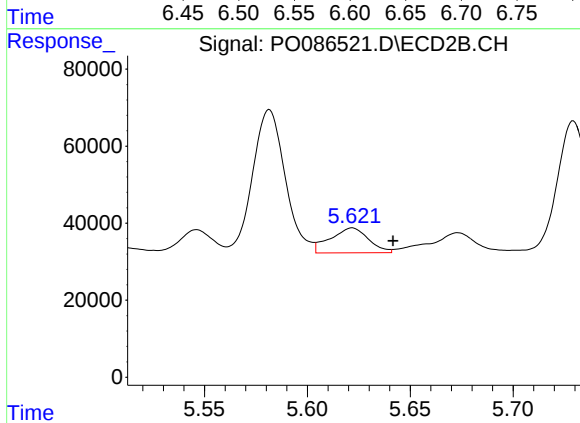
R.T.: 5.228 min
Delta R.T.: -0.018 min
Response: 582725
Conc: 363.94 ng/ml



#25 AR-1248-5

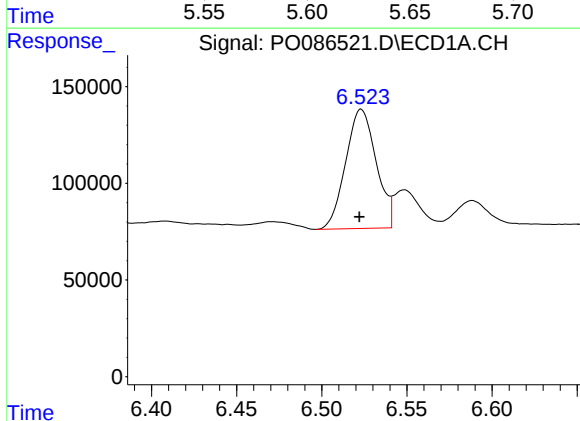
R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 187518
Conc: 60.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



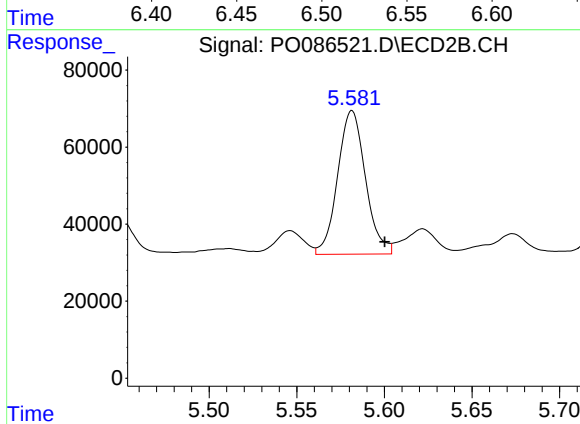
#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: -0.020 min
Response: 83687
Conc: 53.27 ng/ml



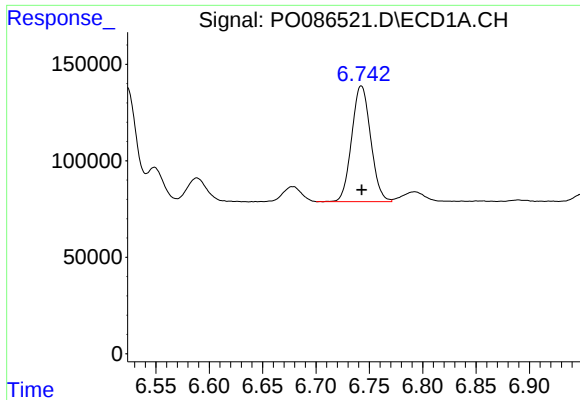
#26 AR-1254-1

R.T.: 6.523 min
Delta R.T.: 0.001 min
Response: 768454
Conc: 228.34 ng/ml



#26 AR-1254-1

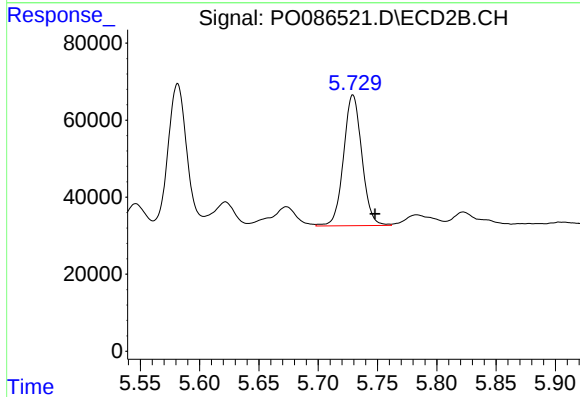
R.T.: 5.582 min
Delta R.T.: -0.019 min
Response: 412352
Conc: 163.72 ng/ml



#27 AR-1254-2

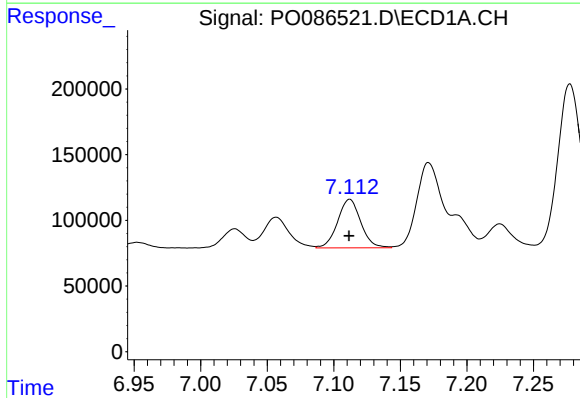
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 740964
Conc: 150.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



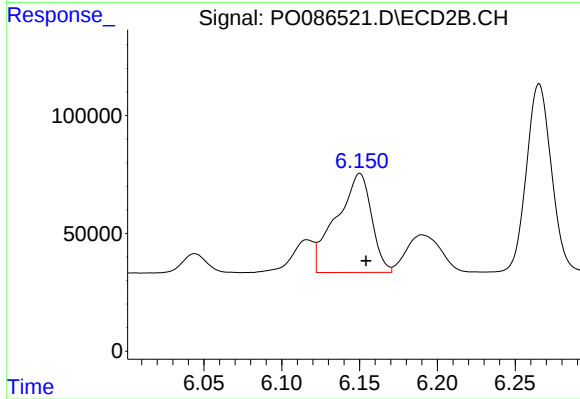
#27 AR-1254-2

R.T.: 5.729 min
Delta R.T.: -0.019 min
Response: 365773
Conc: 167.03 ng/ml



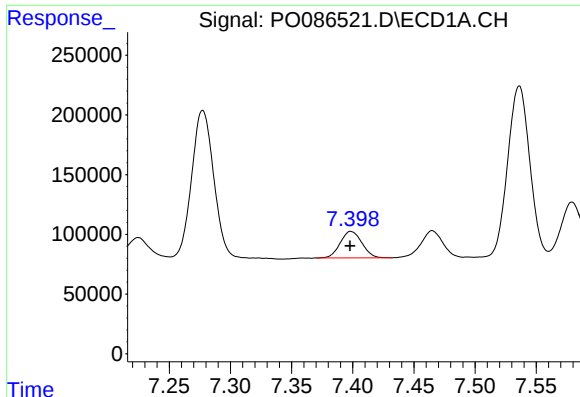
#28 AR-1254-3

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 449113
Conc: 88.89 ng/ml



#28 AR-1254-3

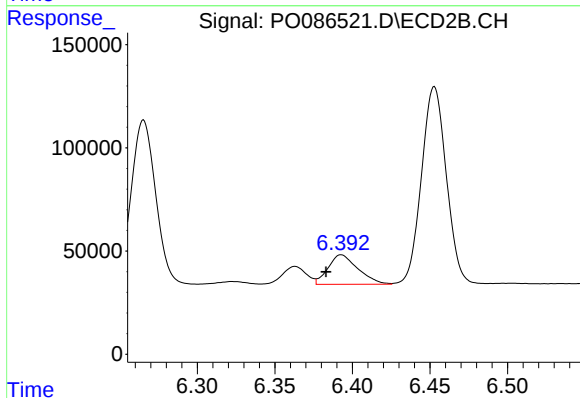
R.T.: 6.150 min
Delta R.T.: -0.004 min
Response: 659182
Conc: 186.57 ng/ml



#29 AR-1254-4

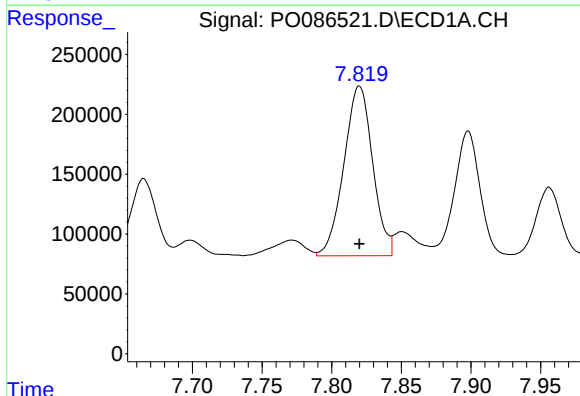
R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 273487
Conc: 73.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



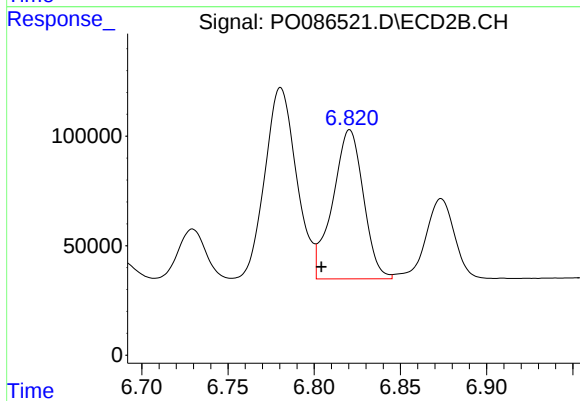
#29 AR-1254-4

R.T.: 6.393 min
Delta R.T.: 0.010 min
Response: 191619
Conc: 86.62 ng/ml



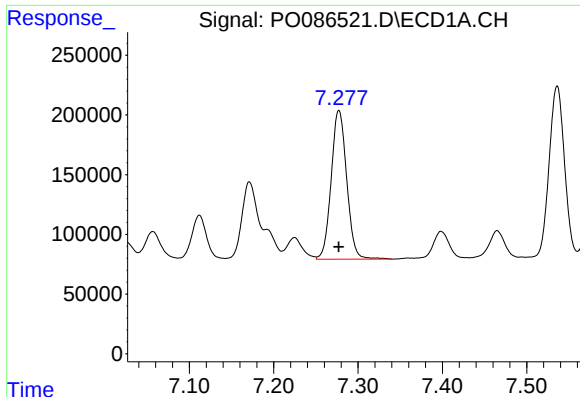
#30 AR-1254-5

R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 2044379
Conc: 524.67 ng/ml



#30 AR-1254-5

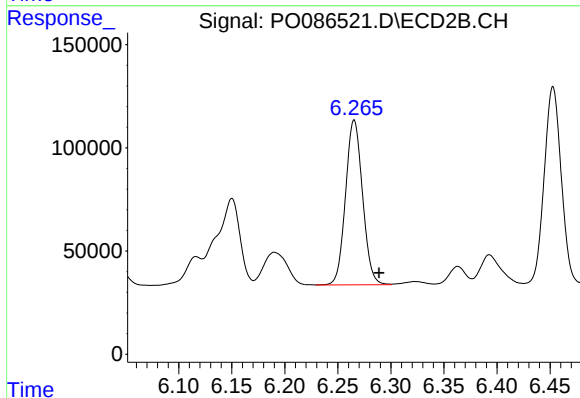
R.T.: 6.821 min
Delta R.T.: 0.016 min
Response: 843382
Conc: 285.13 ng/ml



#31 AR-1260-1

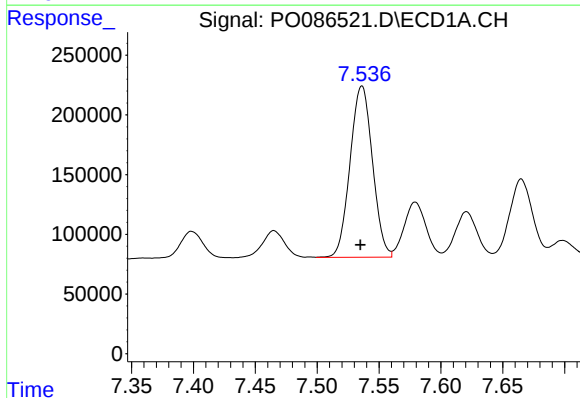
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 1593799
Conc: 526.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



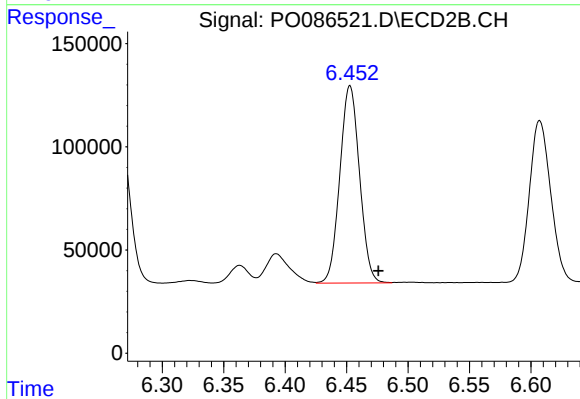
#31 AR-1260-1

R.T.: 6.265 min
Delta R.T.: -0.023 min
Response: 890260
Conc: 457.41 ng/ml



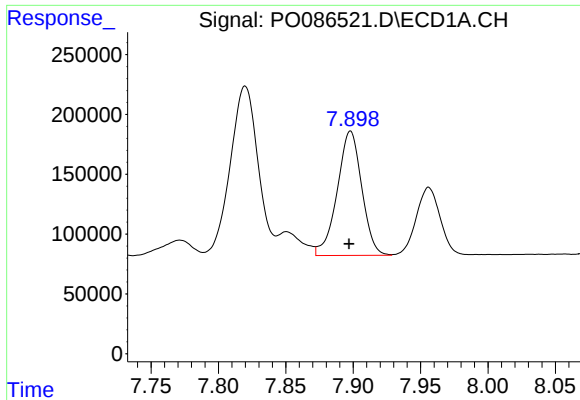
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: 0.001 min
Response: 1808198
Conc: 499.85 ng/ml



#32 AR-1260-2

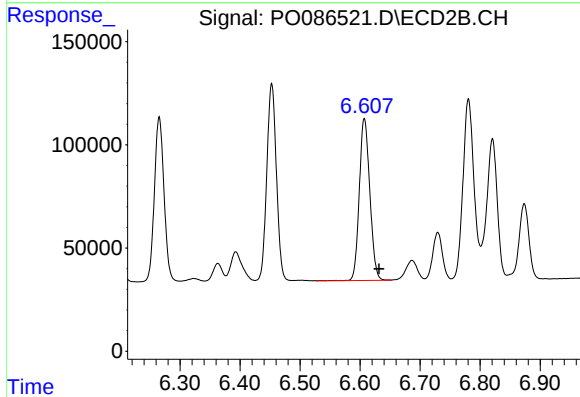
R.T.: 6.453 min
Delta R.T.: -0.023 min
Response: 1067369
Conc: 454.14 ng/ml



#33 AR-1260-3

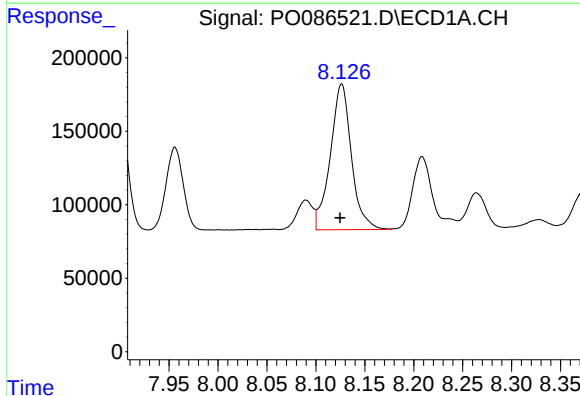
R.T.: 7.898 min
Delta R.T.: 0.001 min
Response: 1321161
Conc: 478.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



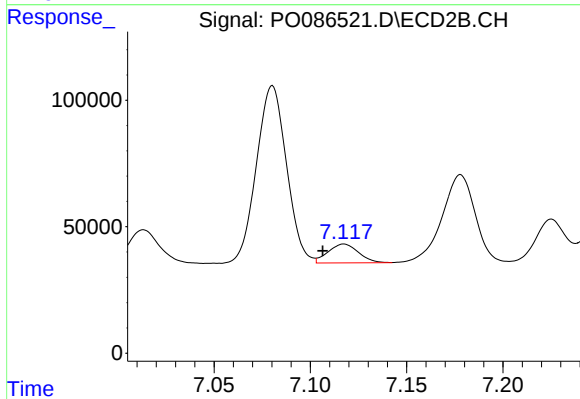
#33 AR-1260-3

R.T.: 6.607 min
Delta R.T.: -0.025 min
Response: 953648
Conc: 443.50 ng/ml



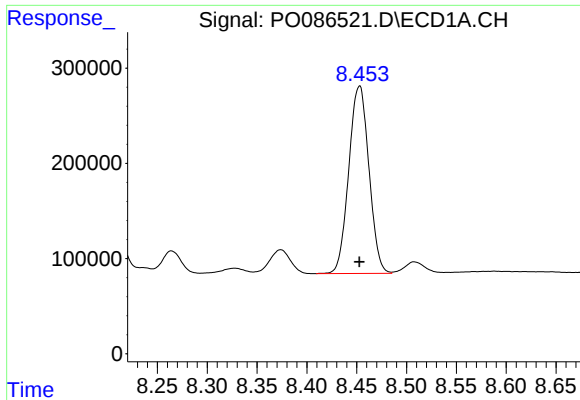
#34 AR-1260-4

R.T.: 8.126 min
Delta R.T.: 0.002 min
Response: 1486204
Conc: 440.49 ng/ml



#34 AR-1260-4

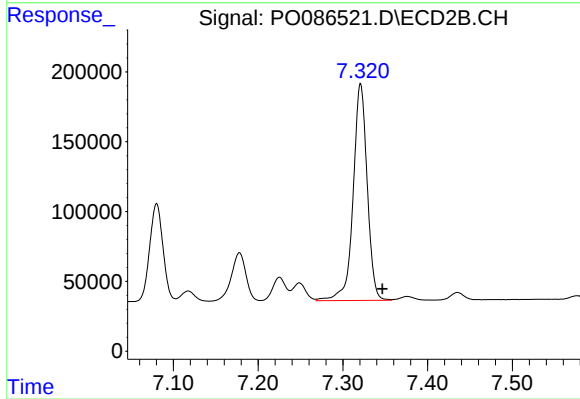
R.T.: 7.118 min
Delta R.T.: 0.011 min
Response: 82397
Conc: 45.76 ng/ml



#35 AR-1260-5

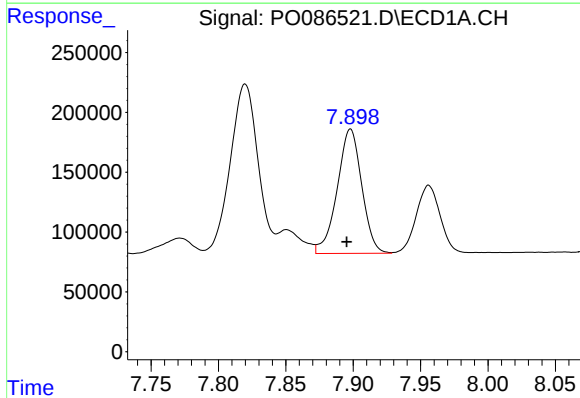
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 2776255
Conc: 449.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



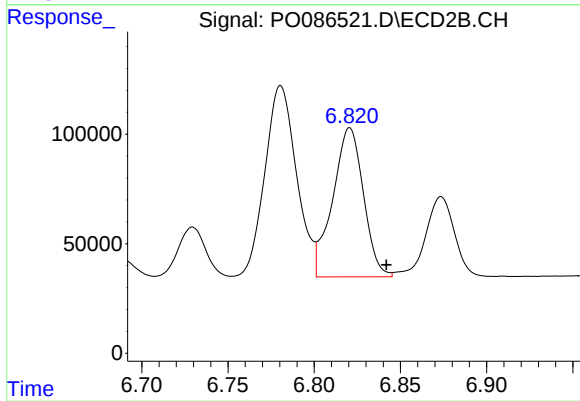
#35 AR-1260-5

R.T.: 7.321 min
Delta R.T.: -0.026 min
Response: 1790149
Conc: 413.26 ng/ml



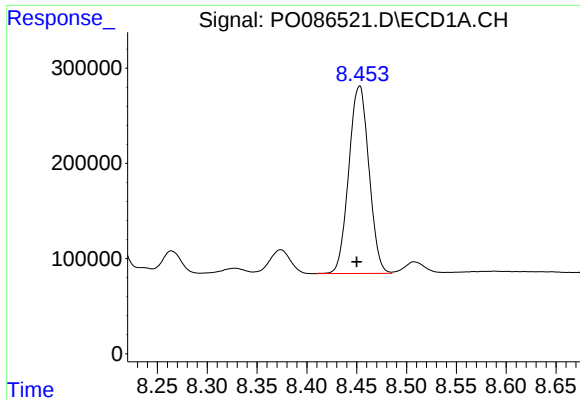
#36 AR-1262-1

R.T.: 7.898 min
Delta R.T.: 0.003 min
Response: 1321161
Conc: 292.12 ng/ml



#36 AR-1262-1

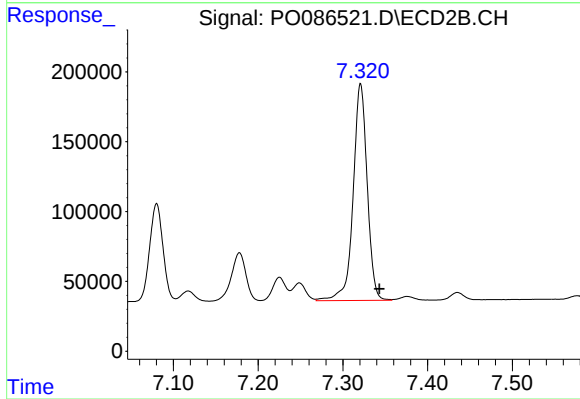
R.T.: 6.821 min
Delta R.T.: -0.021 min
Response: 843382
Conc: 279.13 ng/ml



#37 AR-1262-2

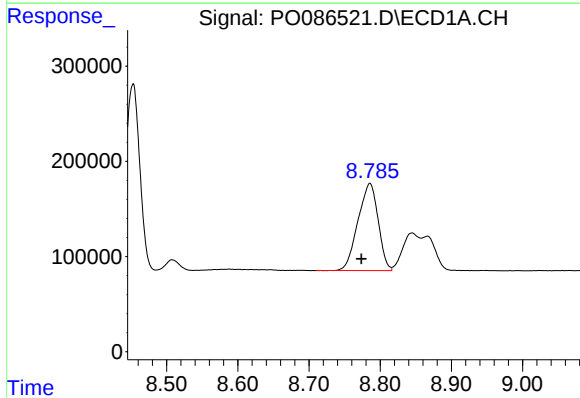
R.T.: 8.453 min
Delta R.T.: 0.003 min
Response: 2776255
Conc: 354.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



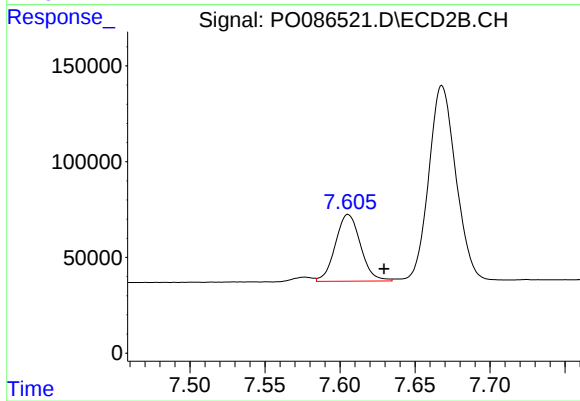
#37 AR-1262-2

R.T.: 7.321 min
Delta R.T.: -0.022 min
Response: 1790149
Conc: 325.88 ng/ml



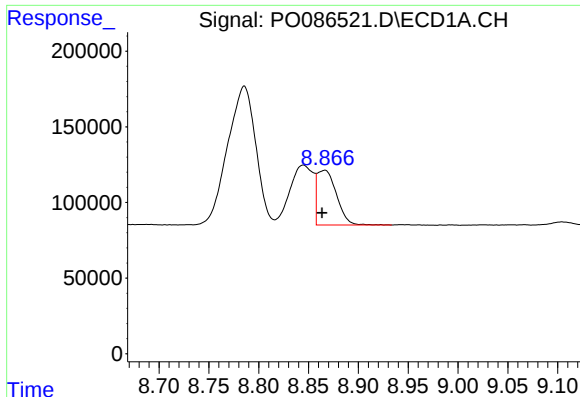
#38 AR-1262-3

R.T.: 8.786 min
Delta R.T.: 0.012 min
Response: 1804595
Conc: 343.13 ng/ml



#38 AR-1262-3

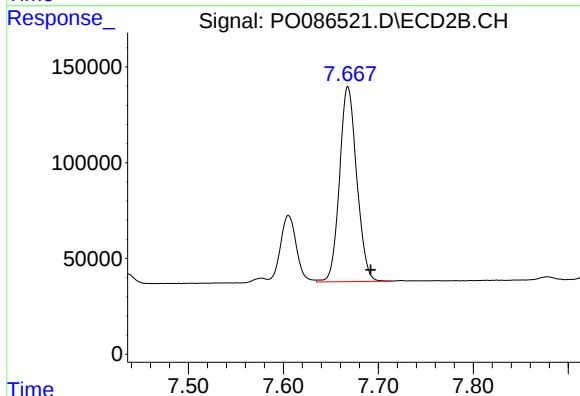
R.T.: 7.605 min
Delta R.T.: -0.024 min
Response: 406166
Conc: 192.68 ng/ml



#39 AR-1262-4

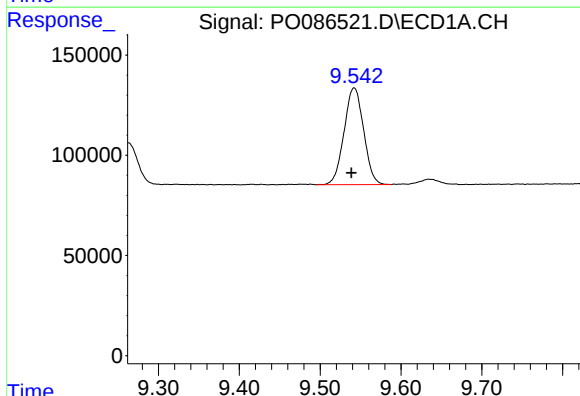
R.T.: 8.866 min
Delta R.T.: 0.003 min
Response: 486273
Conc: 203.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



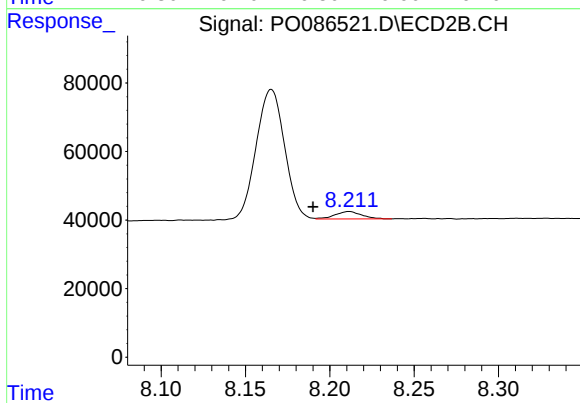
#39 AR-1262-4

R.T.: 7.668 min
Delta R.T.: -0.024 min
Response: 1281941
Conc: 323.43 ng/ml



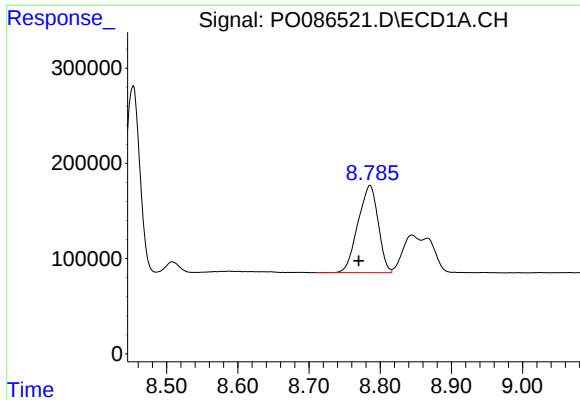
#40 AR-1262-5

R.T.: 9.542 min
Delta R.T.: 0.003 min
Response: 812916
Conc: 294.54 ng/ml



#40 AR-1262-5

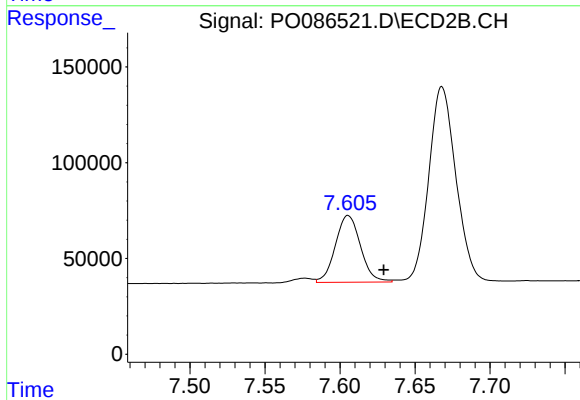
R.T.: 8.211 min
Delta R.T.: 0.021 min
Response: 23986
Conc: 13.39 ng/ml



#41 AR-1268-1

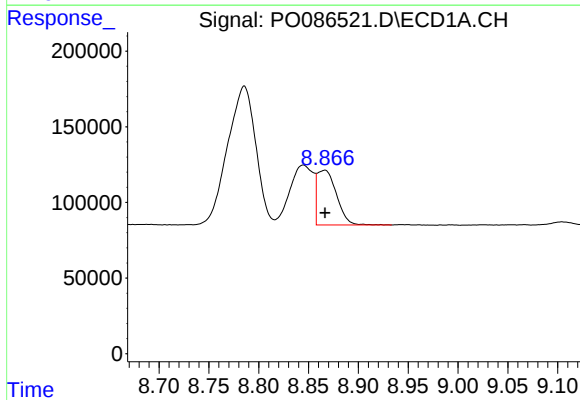
R.T.: 8.786 min
Delta R.T.: 0.016 min
Response: 1804595
Conc: 206.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



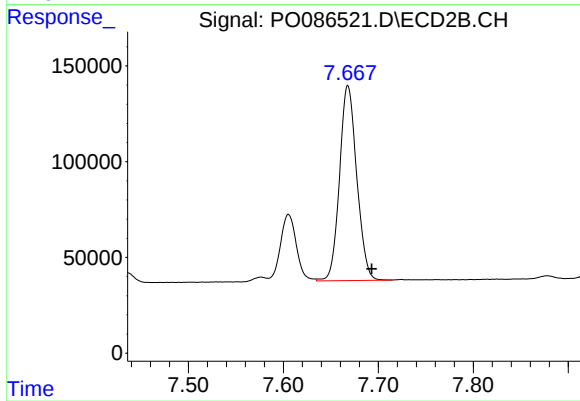
#41 AR-1268-1

R.T.: 7.605 min
Delta R.T.: -0.024 min
Response: 406166
Conc: 66.56 ng/ml



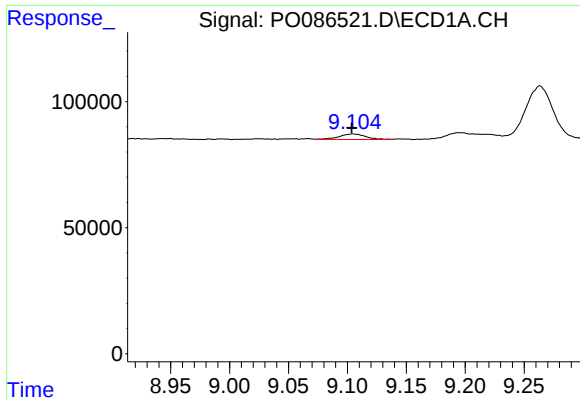
#42 AR-1268-2

R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 486273
Conc: 60.79 ng/ml



#42 AR-1268-2

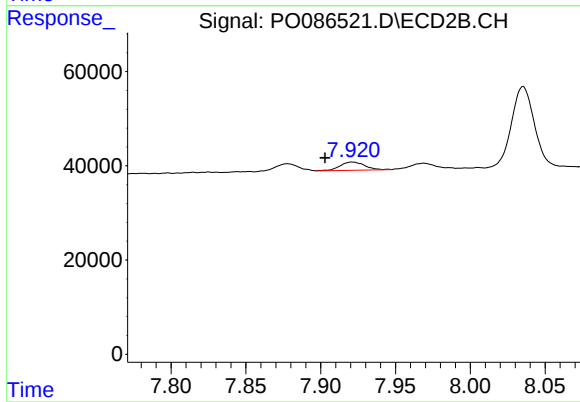
R.T.: 7.668 min
Delta R.T.: -0.025 min
Response: 1281941
Conc: 233.52 ng/ml



#43 AR-1268-3

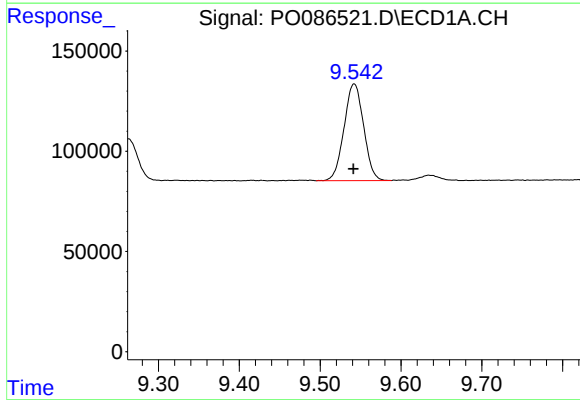
R.T.: 9.104 min
Delta R.T.: 0.000 min
Response: 34914
Conc: 5.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



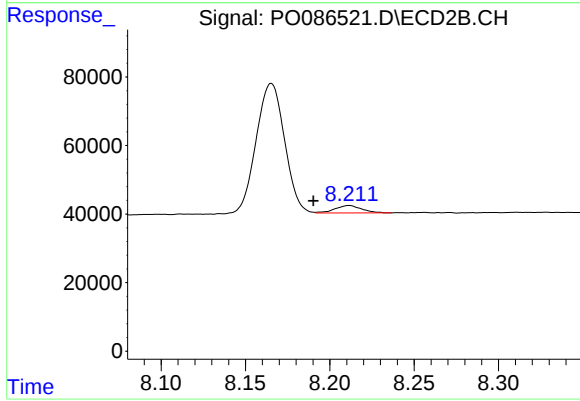
#43 AR-1268-3

R.T.: 7.921 min
Delta R.T.: 0.018 min
Response: 20075
Conc: 4.42 ng/ml



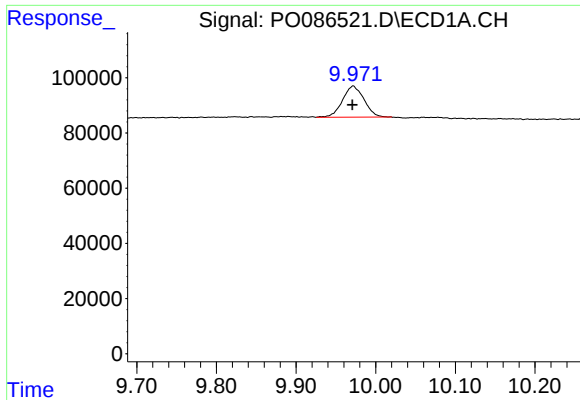
#44 AR-1268-4

R.T.: 9.542 min
Delta R.T.: 0.001 min
Response: 812916
Conc: 269.24 ng/ml



#44 AR-1268-4

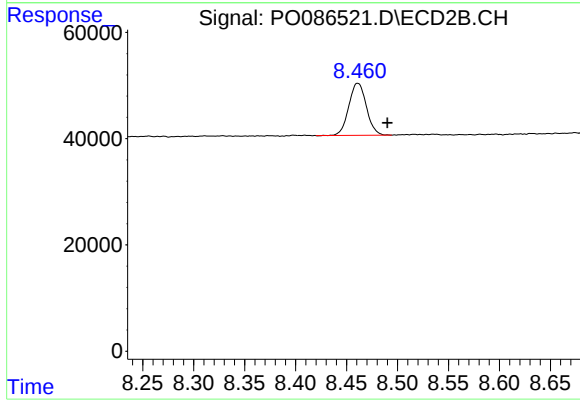
R.T.: 8.211 min
Delta R.T.: 0.021 min
Response: 23986
Conc: 12.28 ng/ml



#45 AR-1268-5

R.T.: 9.972 min
Delta R.T.: 0.001 min
Response: 211645
Conc: 9.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: -0.029 min
Response: 117826
Conc: 8.04 ng/ml