

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112618\
 Data File : PO051801.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Nov 2018 2:48
 Operator : SM/SJ
 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: Nov 27 03:59:31 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 27 01:06:37 2018
 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...	4.308	3.314	61964467	15997035	94.985	67.755 #
2)	SA Decachlor...	9.923	8.031	26903419	11438570	64.518	57.815
Target Compounds							
3)	L1 AR-1016-1	5.468	4.321	17022674	4605526	934.210	609.404 #
4)	L1 AR-1016-2	5.490	4.337	25839035	7617838	950.546	608.604 #
5)	L1 AR-1016-3	5.551	4.500	15107738	3908943	958.406	628.773 #
6)	L1 AR-1016-4	5.651	4.543	12456920	3213129	951.776	601.495 #
7)	L1 AR-1016-5	5.942	4.740	11592982	3870948	963.732	579.713 #
8)	L2 AR-1221-1	4.512	3.515	1502558	426345	249.926	194.751
9)	L2 AR-1221-2	4.604	3.593	2370464	666126	545.356	372.455 #
10)	L2 AR-1221-3	4.679	3.663	8645111	2490796	609.719	474.047
11)	L3 AR-1232-1	4.679	3.663	8645111	2490796	733.089	579.672
12)	L3 AR-1232-2	5.202	4.337	12863511	7617838	2181.935	1427.370 #
13)	L3 AR-1232-3	5.490	4.500	25839035	3908943	2188.903	1558.228 #
14)	L3 AR-1232-4	5.651	4.581	12456920	3681762	2285.443	1701.369 #
15)	L3 AR-1232-5	5.739	4.740	9705541	3870948	2518.916	1448.133 #
16)	L4 AR-1242-1	5.468	4.321	17022674	4605526	1142.677	775.007 #
17)	L4 AR-1242-2	5.490	4.337	25839035	7617838	1144.796	720.519 #
18)	L4 AR-1242-3	5.551	4.500	15107738	3908943	1119.099	802.466 #
19)	L4 AR-1242-4	5.651	4.581	12456920	3681762	1147.863	765.393 #
20)	L4 AR-1242-5	6.382	5.071	3400606	4281090	314.622	697.401 #
21)	L5 AR-1248-1	5.468	4.321	17022674	4605526	1372.929	883.485 #
22)	L5 AR-1248-2	5.739	4.543	9705541	3213129	570.780	409.647 #
23)	L5 AR-1248-3	5.942	4.581	11592982	3681762	606.354	472.936
24)	L5 AR-1248-4	6.343	4.740	3829838	3870948	187.401	396.780 #
25)	L5 AR-1248-5	6.382	5.109	3400606	891807	173.976	98.421 #
26)	L6 AR-1254-1	6.316	5.071	11219594	4281090	541.481	314.418 #
27)	L6 AR-1254-2	6.532	5.213	9462679	3142206	301.064	270.207
28)	L6 AR-1254-3	6.899	5.608	4729353	5595386	148.895	313.568 #
29)	L6 AR-1254-4	7.182	5.815	2995564	684390	133.197	68.774 #
30)	L6 AR-1254-5	7.599	6.214	22948754	9659051	991.780	712.200 #
31)	L7 AR-1260-1	7.059	5.718	17506399	7465085	744.603	565.471
32)	L7 AR-1260-2	7.316	5.902	21347481	8456502	680.081	536.300
33)	L7 AR-1260-3	7.672	6.044	14037305	8115814	660.583	567.292
34)	L7 AR-1260-4	7.898	6.499	14328012	5370289	677.708	584.399
35)	L7 AR-1260-5	8.208	6.739	28200285	12898265	627.588	607.647
36)	L8 AR-1262-1	7.672	6.251	14037305	6565661	393.318	412.490
37)	L8 AR-1262-2	8.208	6.739	28200285	12898265	526.405	527.504
38)	L8 AR-1262-3	8.524	7.010	17053485	2557477	487.891	245.509 #
39)	L8 AR-1262-4	8.576	7.072	10674607	9268378	391.416	498.544 #
40)	L8 AR-1262-5	9.220	7.559	6084834	2687513	347.285	337.145
41)	L9 AR-1268-1	8.524	7.010	17053485	2557477	217.986	73.668 #

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 Acq On : 27 Nov 2018 2:48
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

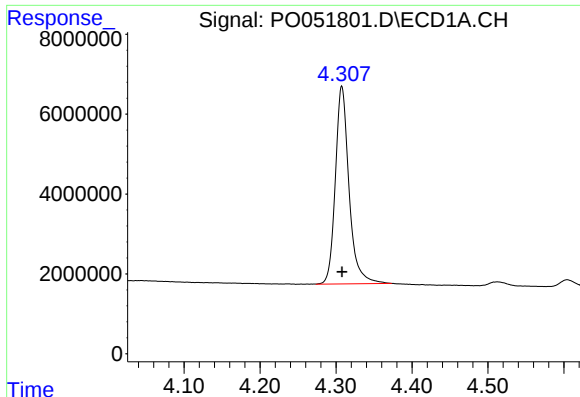
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 03:59:31 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112618.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	8.576	7.072	10674607	9268378	155.978	276.243 #
43) L9	AR-1268-3	0.000	7.268	0	143918	N.D.	4.888 #
44) L9	AR-1268-4	9.220	7.559	6084834	2687513	283.255	262.482
45) L9	AR-1268-5	9.608	7.821	1424627	699220	8.049	8.468

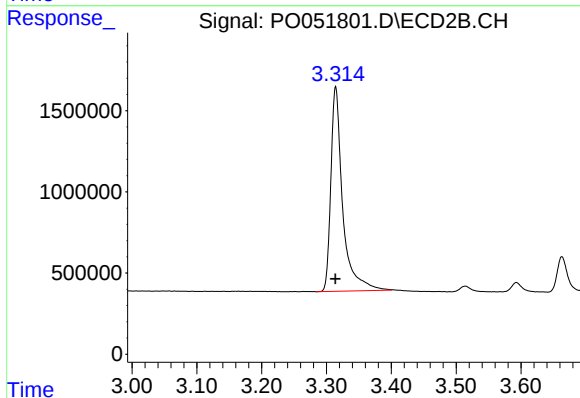
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

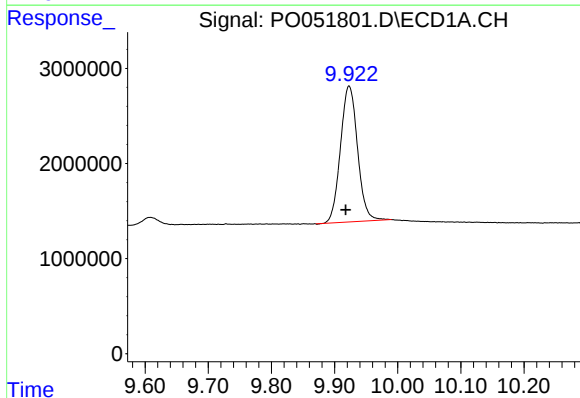
R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 61964467
Conc: 94.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



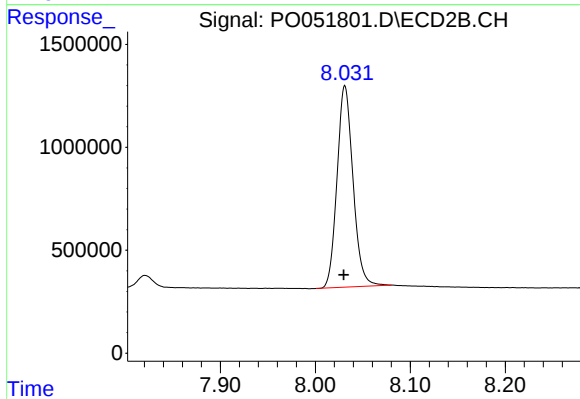
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 15997035
Conc: 67.76 ng/ml



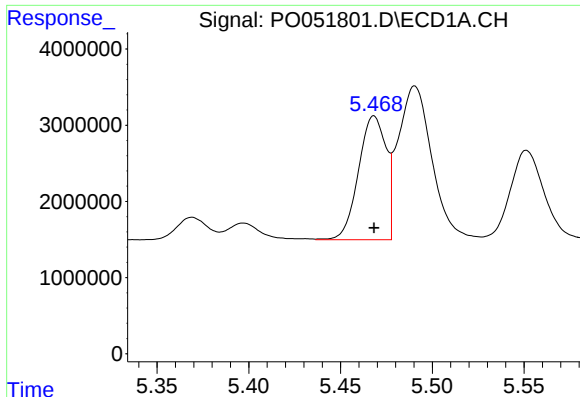
#2 Decachlorobiphenyl

R.T.: 9.923 min
Delta R.T.: 0.005 min
Response: 26903419
Conc: 64.52 ng/ml



#2 Decachlorobiphenyl

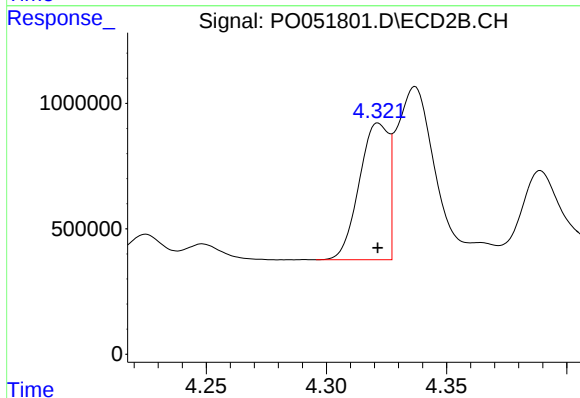
R.T.: 8.031 min
Delta R.T.: 0.001 min
Response: 11438570
Conc: 57.82 ng/ml



#3 AR-1016-1

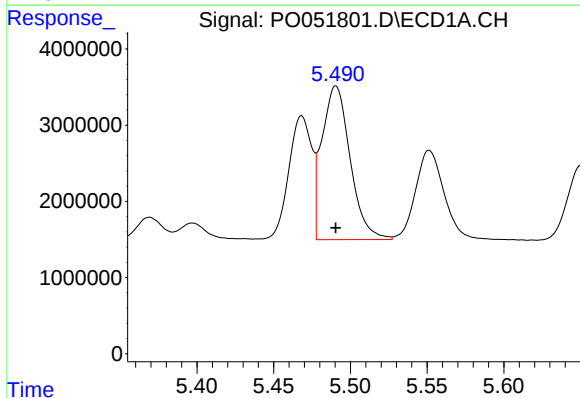
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 17022674
Conc: 934.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



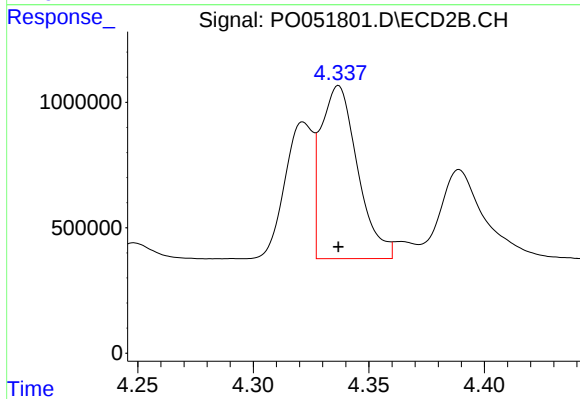
#3 AR-1016-1

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 4605526
Conc: 609.40 ng/ml



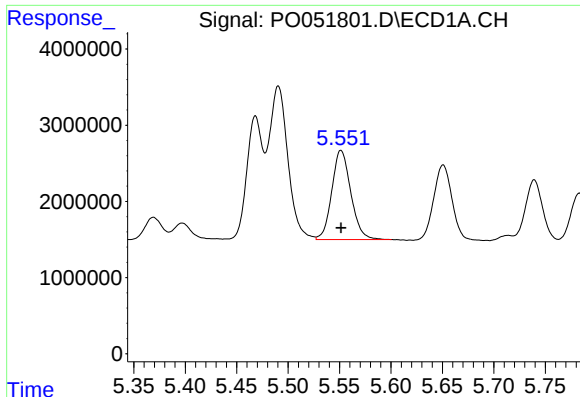
#4 AR-1016-2

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 25839035
Conc: 950.55 ng/ml



#4 AR-1016-2

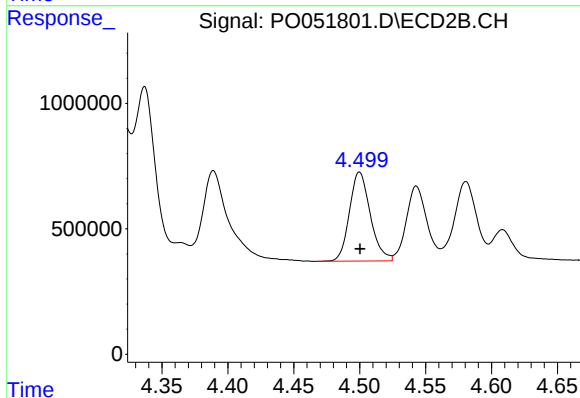
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 7617838
Conc: 608.60 ng/ml



#5 AR-1016-3

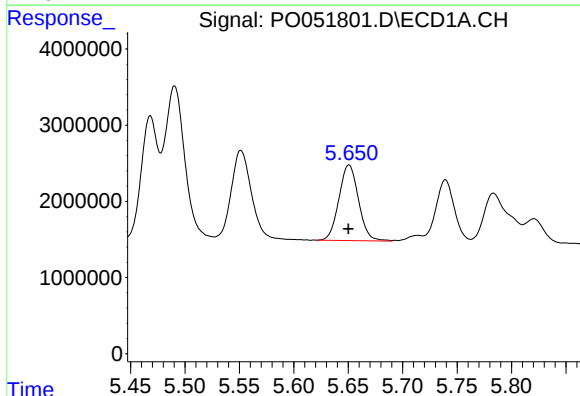
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 15107738
Conc: 958.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



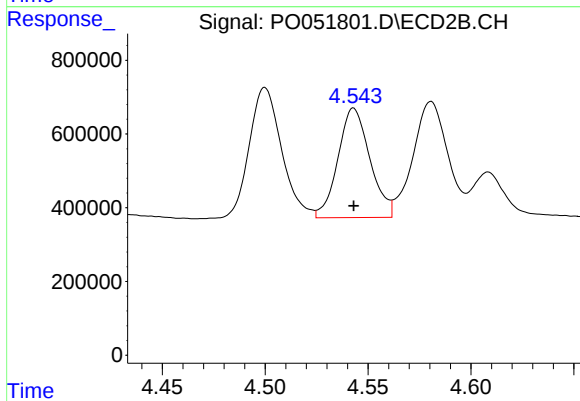
#5 AR-1016-3

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 3908943
Conc: 628.77 ng/ml



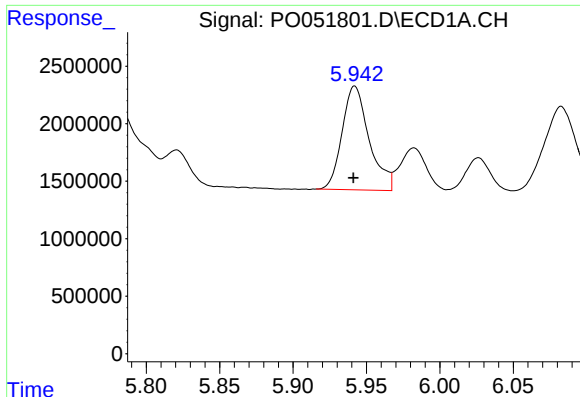
#6 AR-1016-4

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 12456920
Conc: 951.78 ng/ml



#6 AR-1016-4

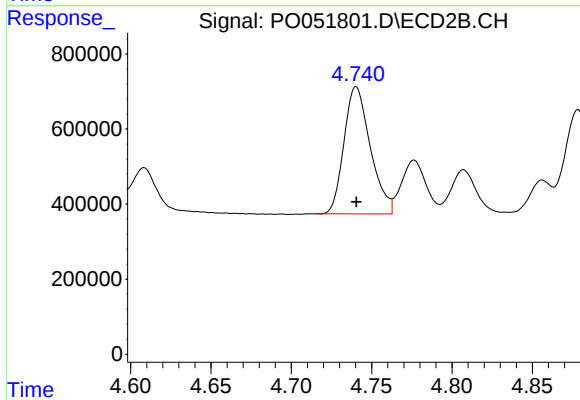
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 3213129
Conc: 601.50 ng/ml



#7 AR-1016-5

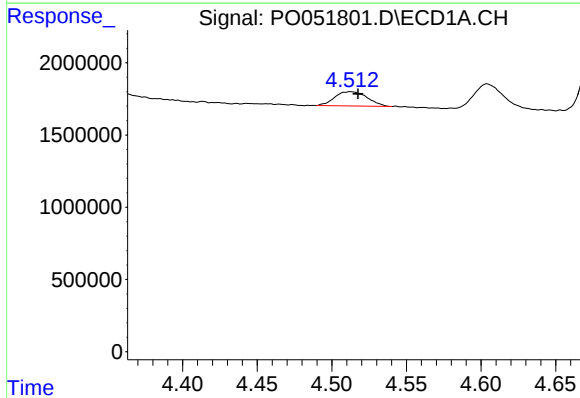
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 11592982
Conc: 963.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



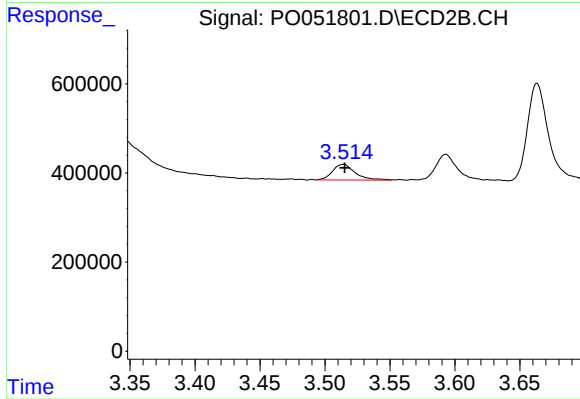
#7 AR-1016-5

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 3870948
Conc: 579.71 ng/ml



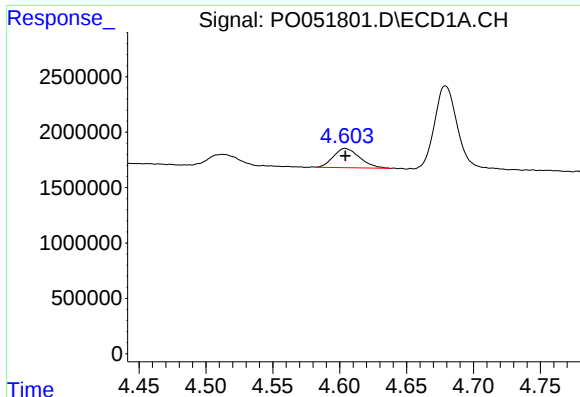
#8 AR-1221-1

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 1502558
Conc: 249.93 ng/ml



#8 AR-1221-1

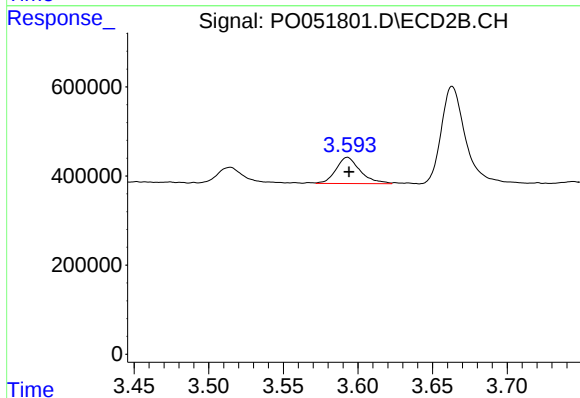
R.T.: 3.515 min
Delta R.T.: 0.000 min
Response: 426345
Conc: 194.75 ng/ml



#9 AR-1221-2

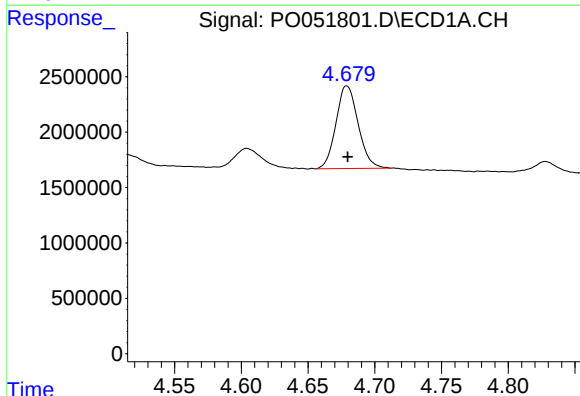
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 2370464
Conc: 545.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



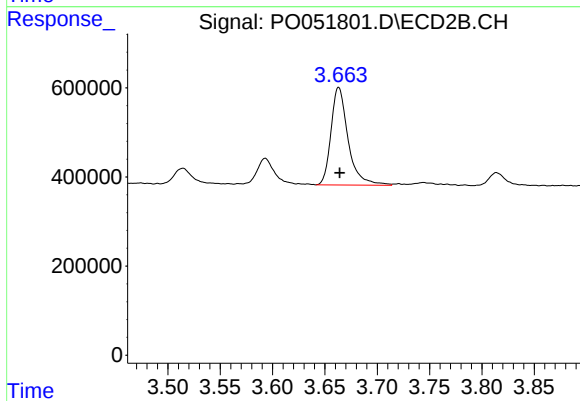
#9 AR-1221-2

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 666126
Conc: 372.46 ng/ml



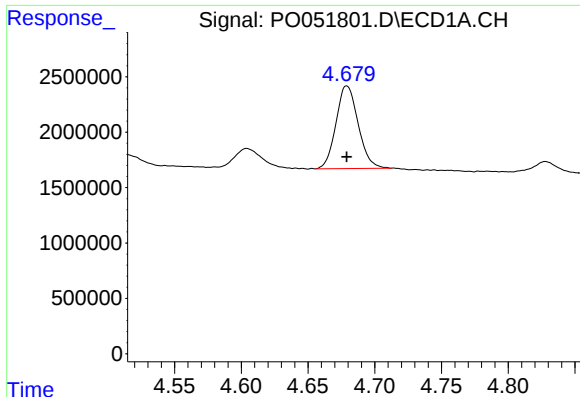
#10 AR-1221-3

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 8645111
Conc: 609.72 ng/ml



#10 AR-1221-3

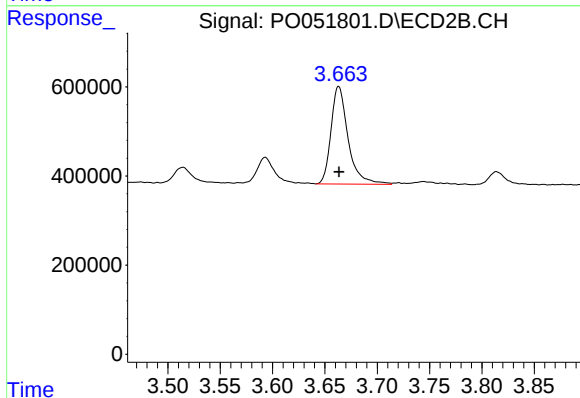
R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 2490796
Conc: 474.05 ng/ml



#11 AR-1232-1

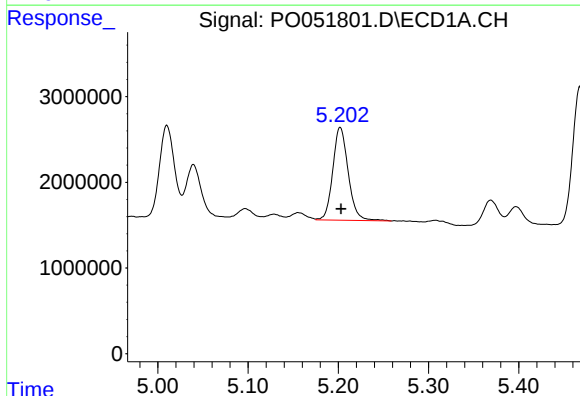
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 8645111
Conc: 733.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



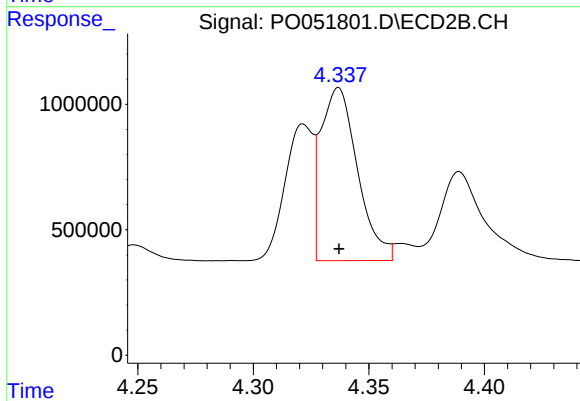
#11 AR-1232-1

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 2490796
Conc: 579.67 ng/ml



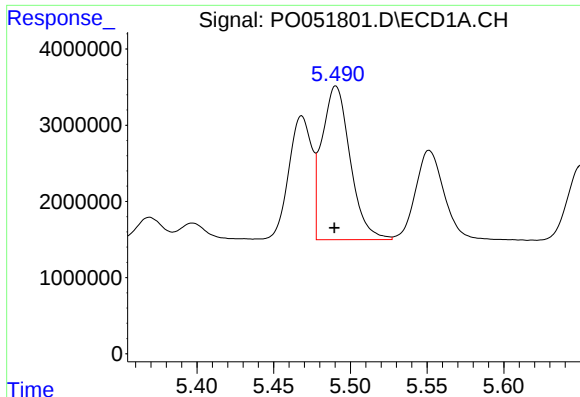
#12 AR-1232-2

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 12863511
Conc: 2181.93 ng/ml



#12 AR-1232-2

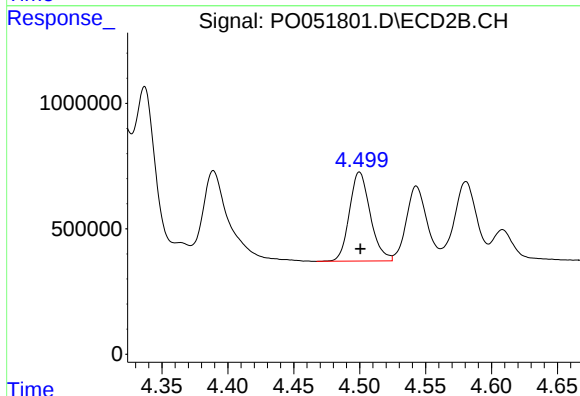
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 7617838
Conc: 1427.37 ng/ml



#13 AR-1232-3

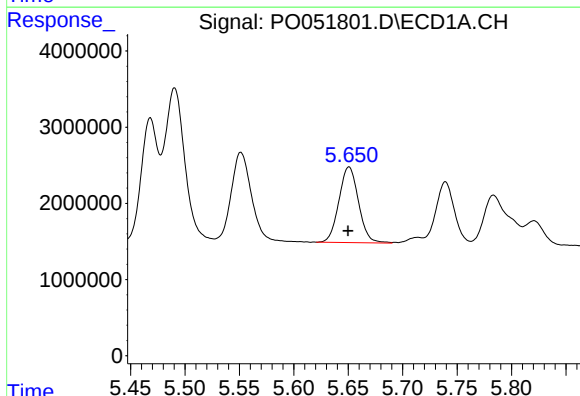
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 25839035
Conc: 2188.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



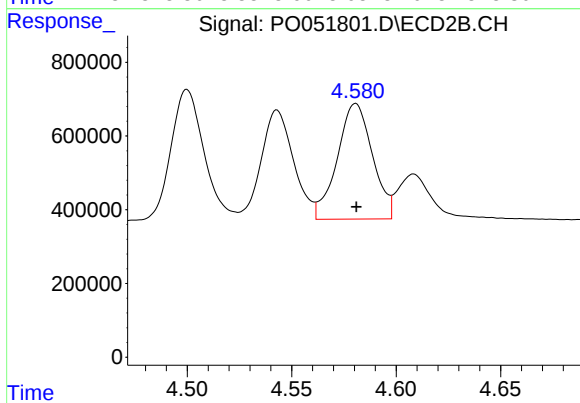
#13 AR-1232-3

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 3908943
Conc: 1558.23 ng/ml



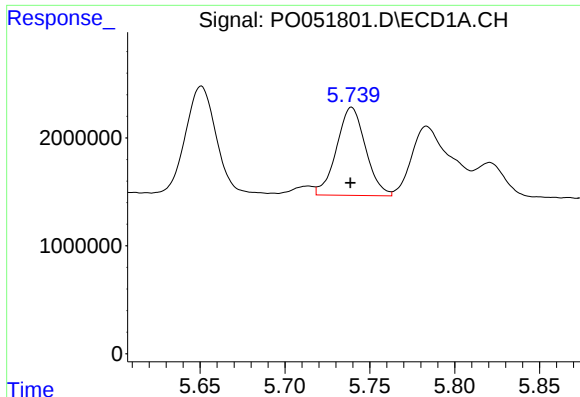
#14 AR-1232-4

R.T.: 5.651 min
Delta R.T.: 0.001 min
Response: 12456920
Conc: 2285.44 ng/ml



#14 AR-1232-4

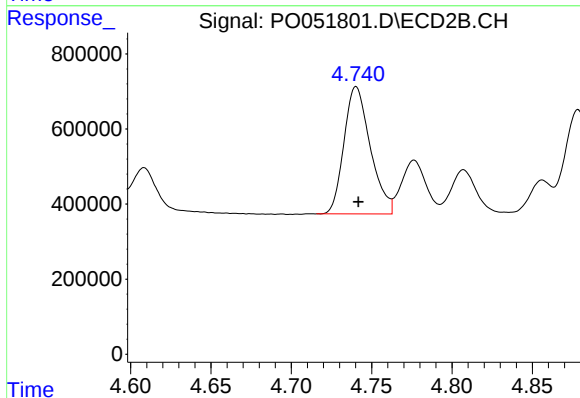
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 3681762
Conc: 1701.37 ng/ml



#15 AR-1232-5

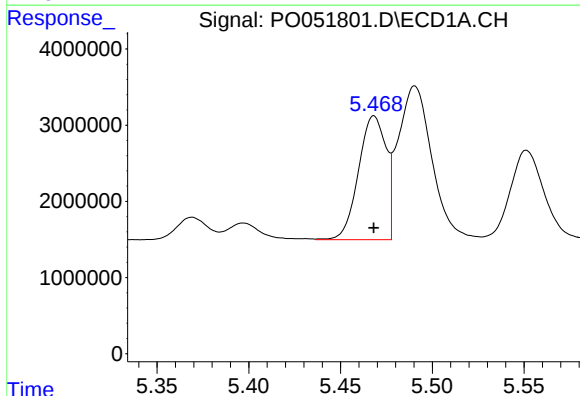
R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 9705541
Conc: 2518.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



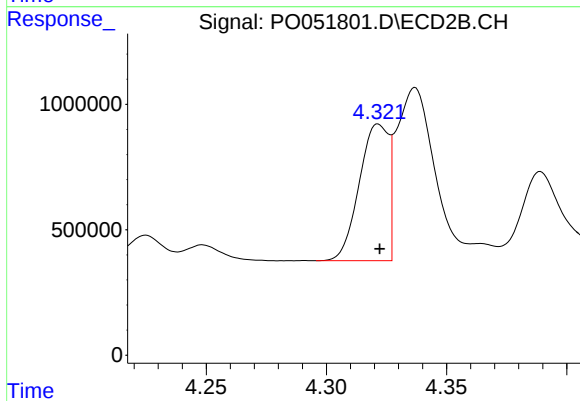
#15 AR-1232-5

R.T.: 4.740 min
Delta R.T.: -0.001 min
Response: 3870948
Conc: 1448.13 ng/ml



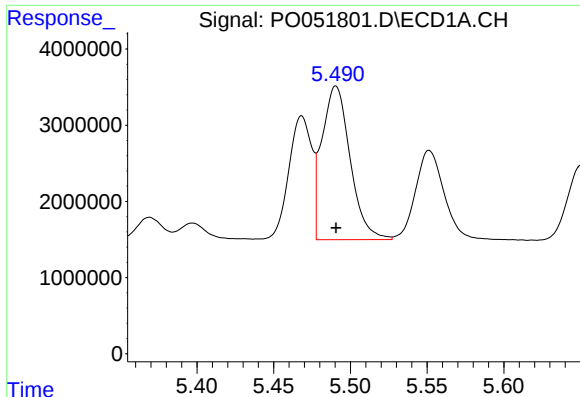
#16 AR-1242-1

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 17022674
Conc: 1142.68 ng/ml



#16 AR-1242-1

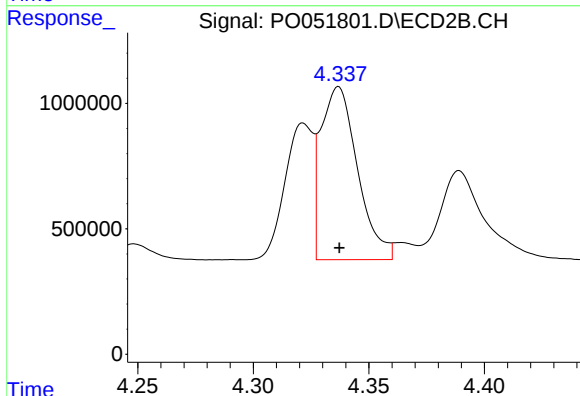
R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 4605526
Conc: 775.01 ng/ml



#17 AR-1242-2

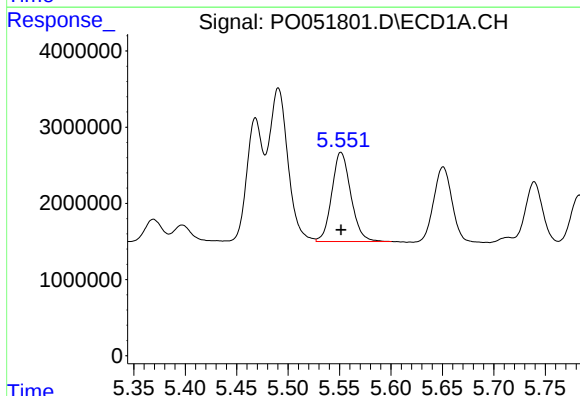
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 25839035
Conc: 1144.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



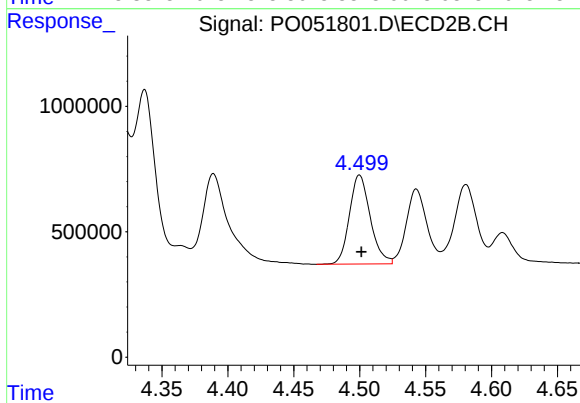
#17 AR-1242-2

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 7617838
Conc: 720.52 ng/ml



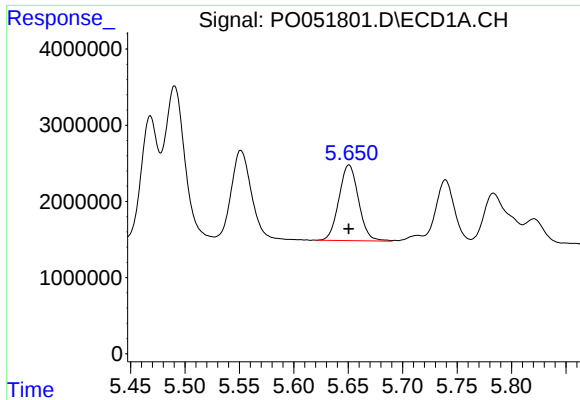
#18 AR-1242-3

R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 15107738
Conc: 1119.10 ng/ml



#18 AR-1242-3

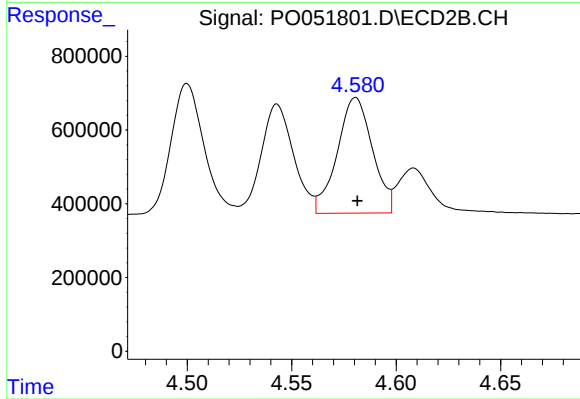
R.T.: 4.500 min
Delta R.T.: -0.001 min
Response: 3908943
Conc: 802.47 ng/ml



#19 AR-1242-4

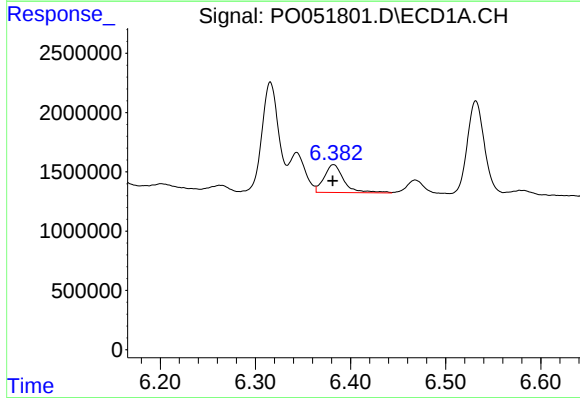
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 12456920
Conc: 1147.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



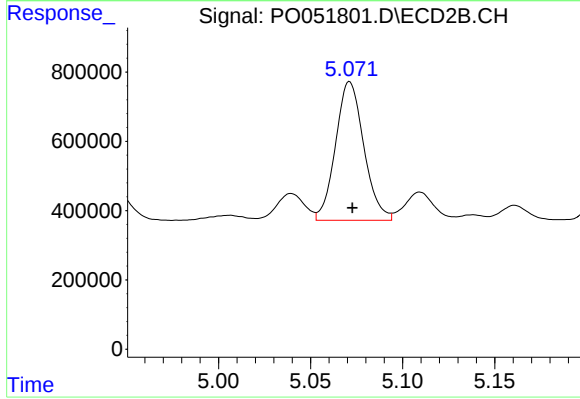
#19 AR-1242-4

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 3681762
Conc: 765.39 ng/ml



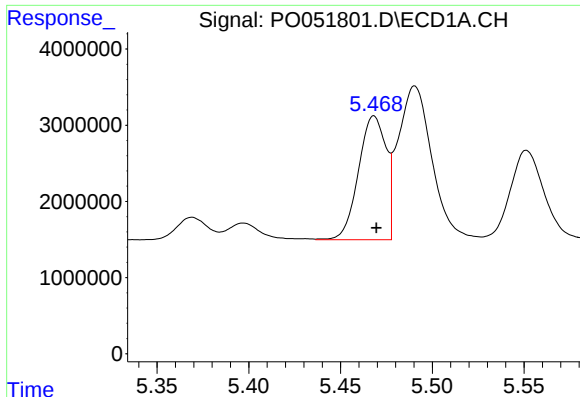
#20 AR-1242-5

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 3400606
Conc: 314.62 ng/ml



#20 AR-1242-5

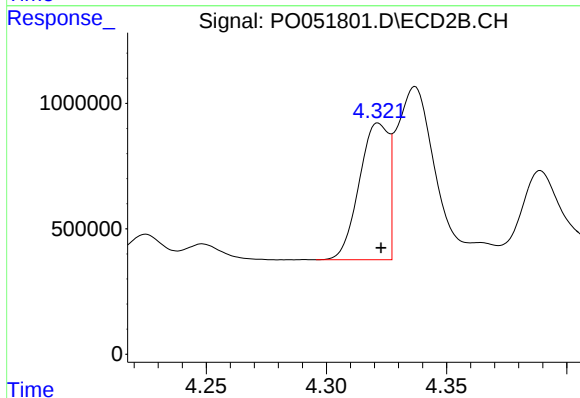
R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 4281090
Conc: 697.40 ng/ml



#21 AR-1248-1

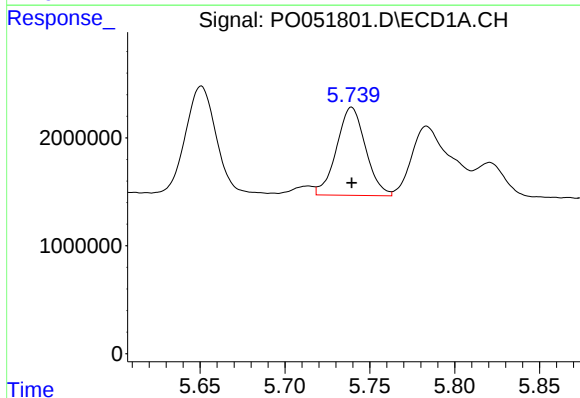
R.T.: 5.468 min
Delta R.T.: -0.001 min
Response: 17022674
Conc: 1372.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



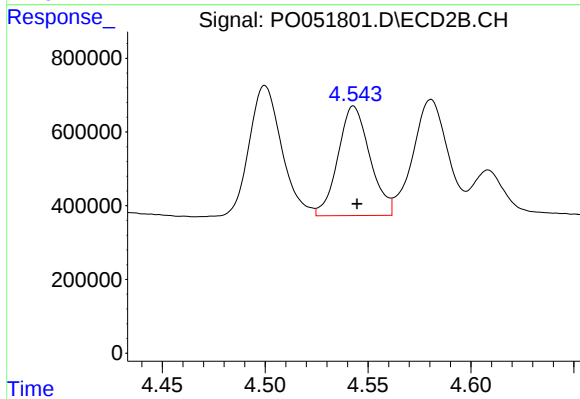
#21 AR-1248-1

R.T.: 4.321 min
Delta R.T.: -0.001 min
Response: 4605526
Conc: 883.49 ng/ml



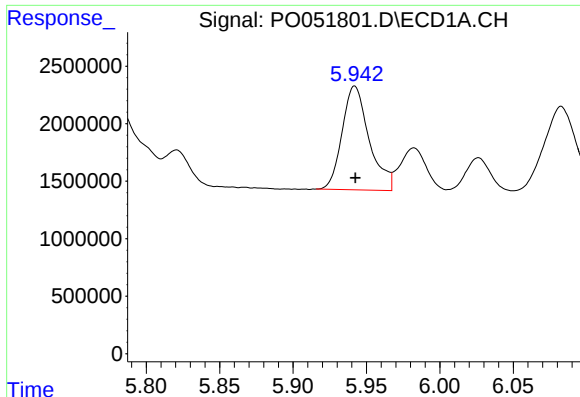
#22 AR-1248-2

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 9705541
Conc: 570.78 ng/ml



#22 AR-1248-2

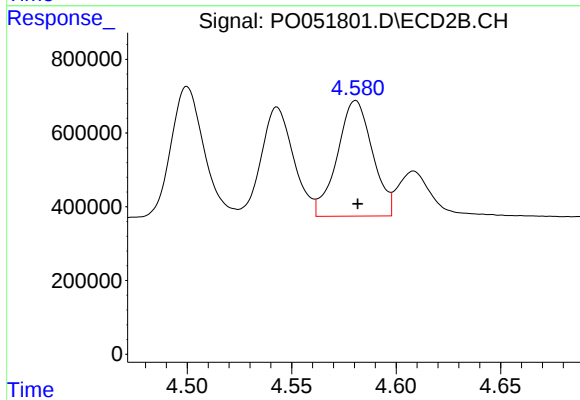
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 3213129
Conc: 409.65 ng/ml



#23 AR-1248-3

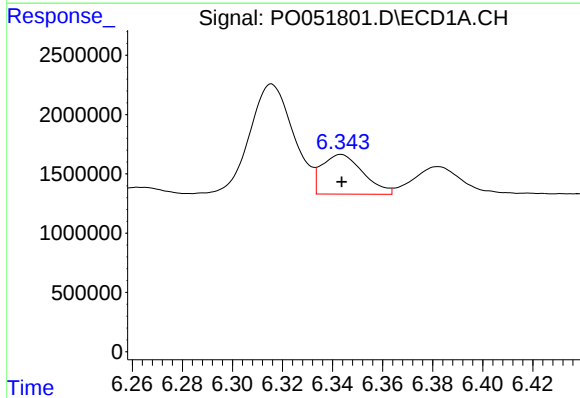
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 11592982
Conc: 606.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



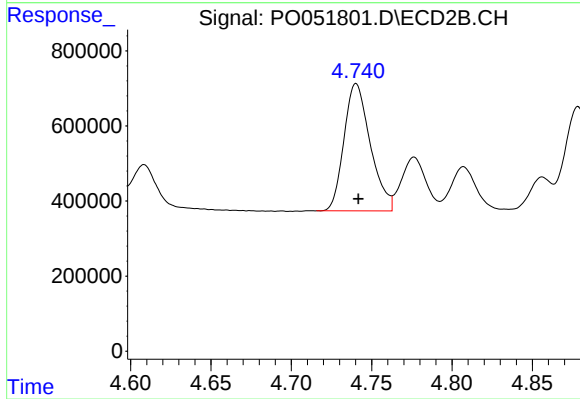
#23 AR-1248-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 3681762
Conc: 472.94 ng/ml



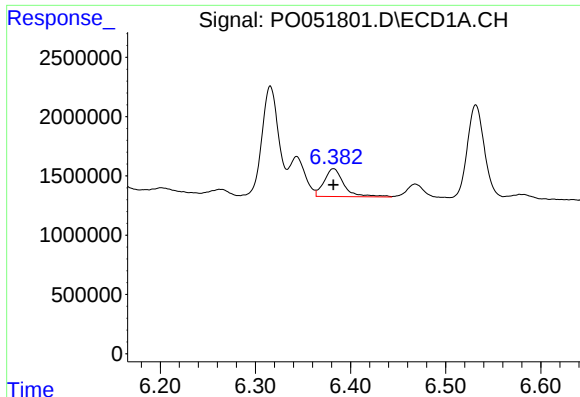
#24 AR-1248-4

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 3829838
Conc: 187.40 ng/ml



#24 AR-1248-4

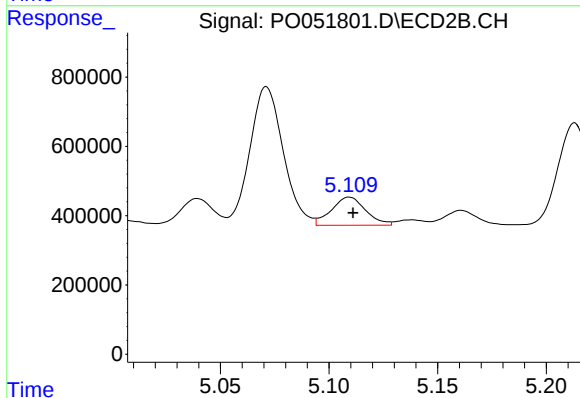
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 3870948
Conc: 396.78 ng/ml



#25 AR-1248-5

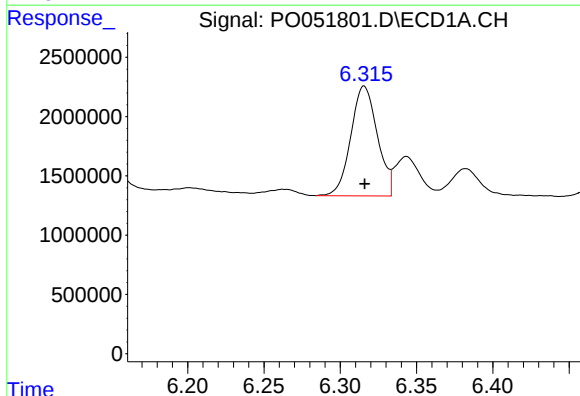
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 3400606
Conc: 173.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



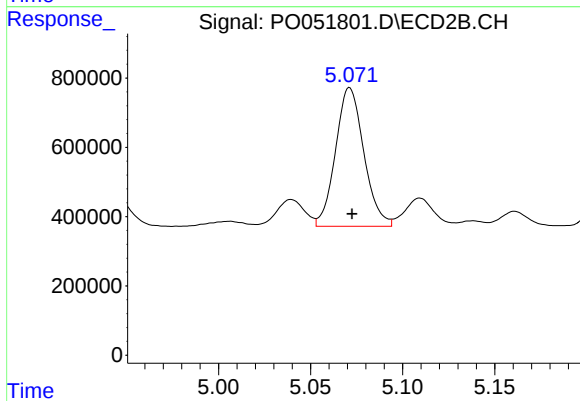
#25 AR-1248-5

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 891807
Conc: 98.42 ng/ml



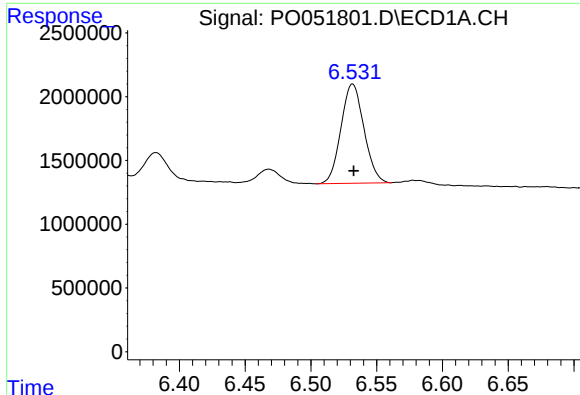
#26 AR-1254-1

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 11219594
Conc: 541.48 ng/ml



#26 AR-1254-1

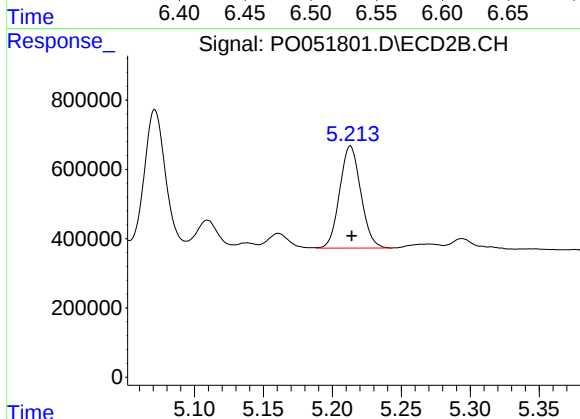
R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 4281090
Conc: 314.42 ng/ml



#27 AR-1254-2

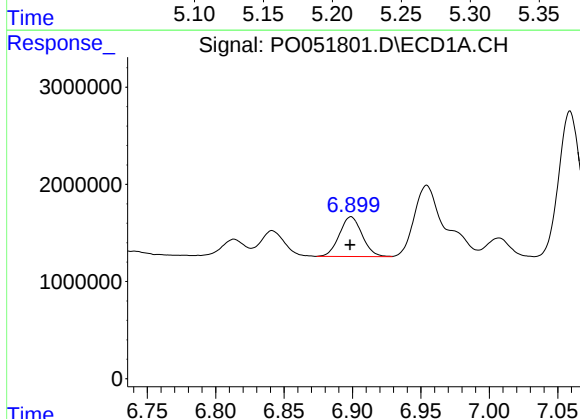
R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 9462679
Conc: 301.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



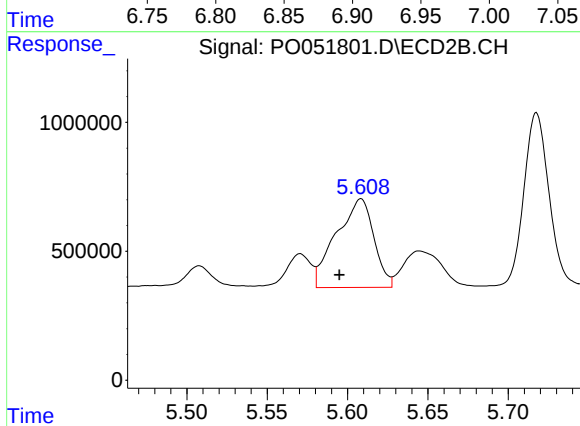
#27 AR-1254-2

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 3142206
Conc: 270.21 ng/ml



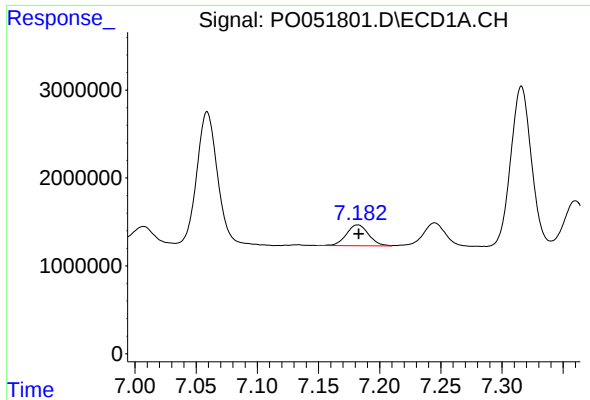
#28 AR-1254-3

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 4729353
Conc: 148.90 ng/ml



#28 AR-1254-3

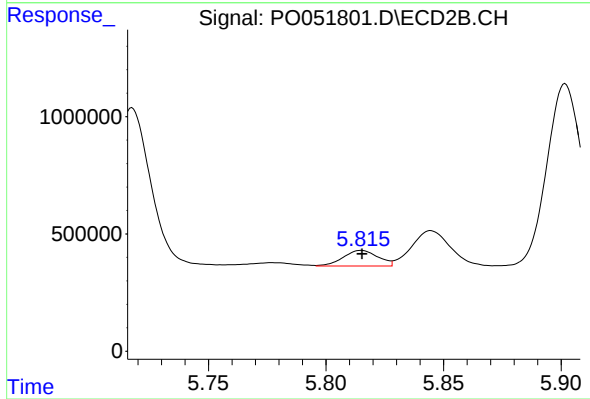
R.T.: 5.608 min
Delta R.T.: 0.014 min
Response: 5595386
Conc: 313.57 ng/ml



#29 AR-1254-4

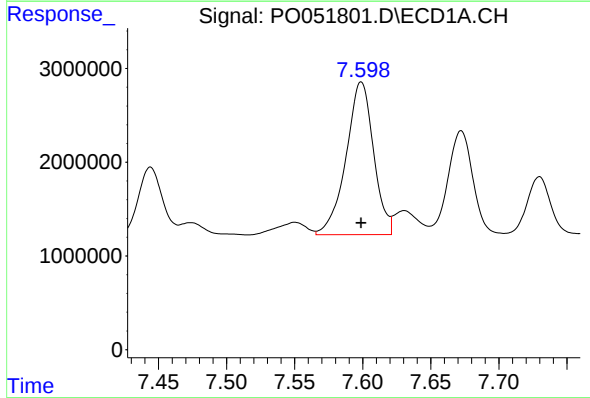
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 2995564
Conc: 133.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



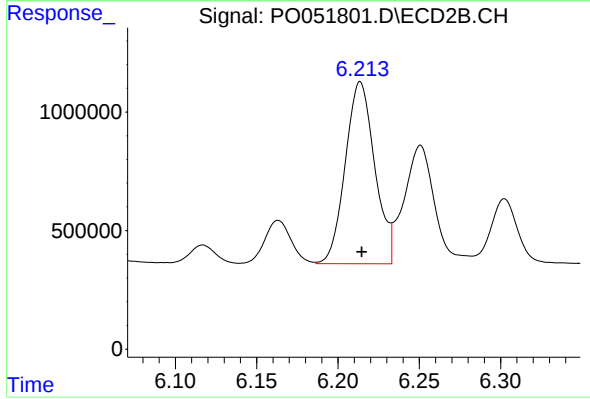
#29 AR-1254-4

R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 684390
Conc: 68.77 ng/ml



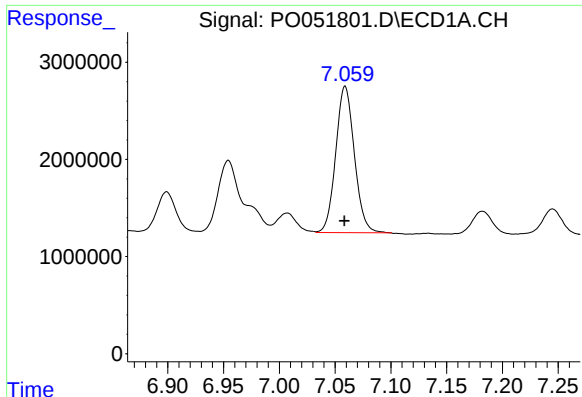
#30 AR-1254-5

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 22948754
Conc: 991.78 ng/ml



#30 AR-1254-5

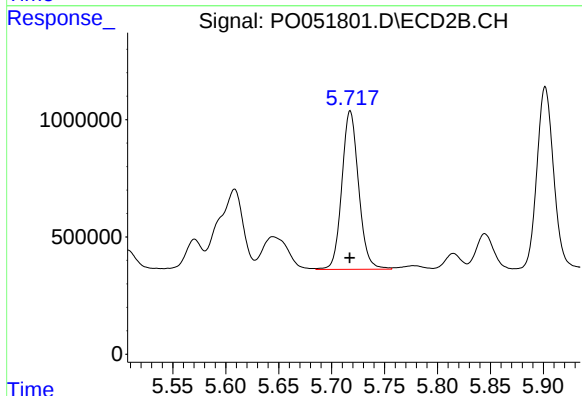
R.T.: 6.214 min
Delta R.T.: -0.001 min
Response: 9659051
Conc: 712.20 ng/ml



#31 AR-1260-1

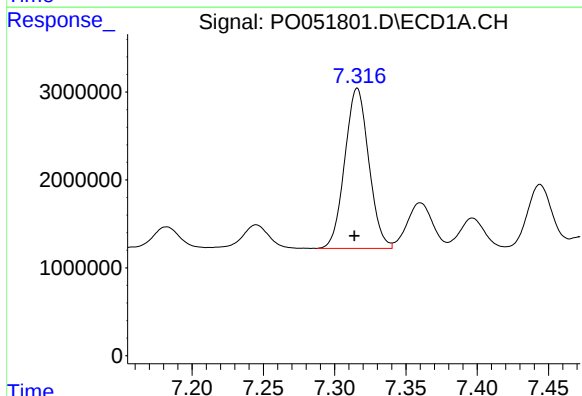
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 17506399
Conc: 744.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



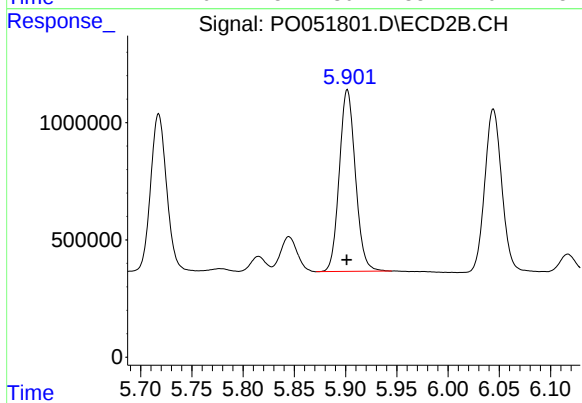
#31 AR-1260-1

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 7465085
Conc: 565.47 ng/ml



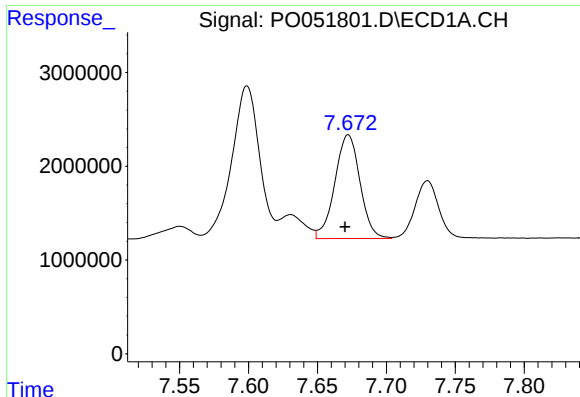
#32 AR-1260-2

R.T.: 7.316 min
Delta R.T.: 0.002 min
Response: 21347481
Conc: 680.08 ng/ml



#32 AR-1260-2

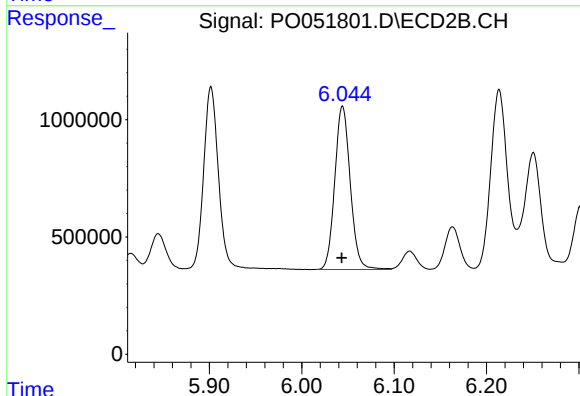
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 8456502
Conc: 536.30 ng/ml



#33 AR-1260-3

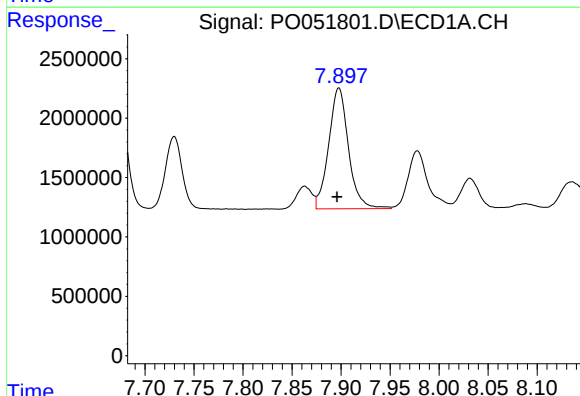
R.T.: 7.672 min
Delta R.T.: 0.002 min
Response: 14037305
Conc: 660.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



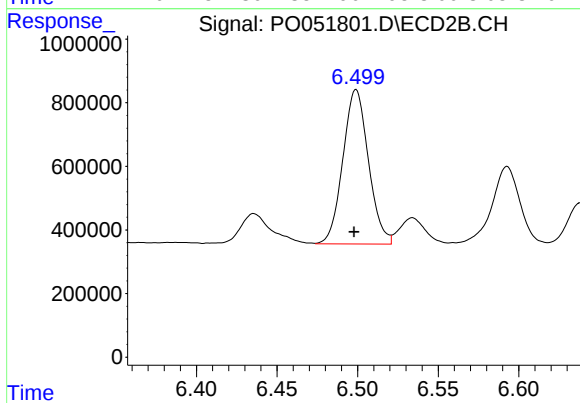
#33 AR-1260-3

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 8115814
Conc: 567.29 ng/ml



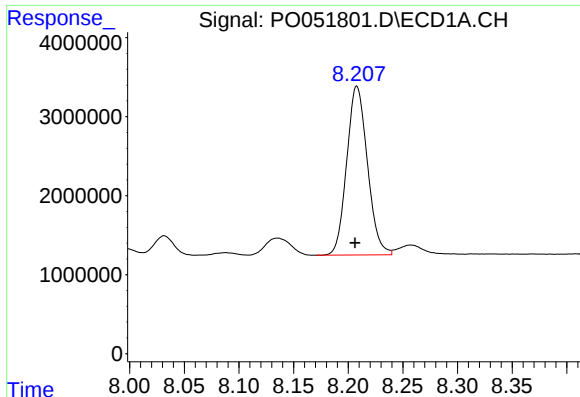
#34 AR-1260-4

R.T.: 7.898 min
Delta R.T.: 0.002 min
Response: 14328012
Conc: 677.71 ng/ml



#34 AR-1260-4

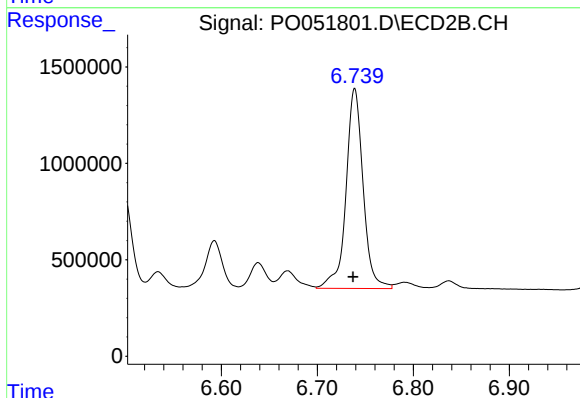
R.T.: 6.499 min
Delta R.T.: 0.001 min
Response: 5370289
Conc: 584.40 ng/ml



#35 AR-1260-5

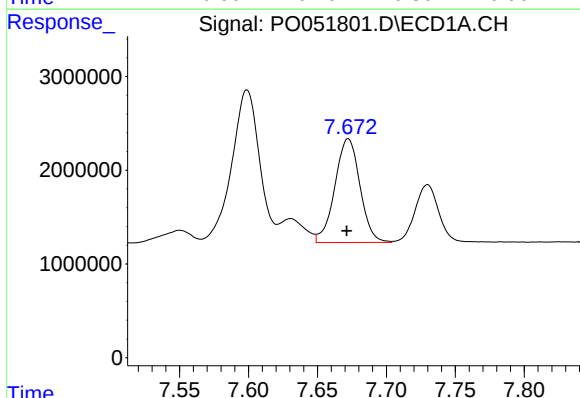
R.T.: 8.208 min
Delta R.T.: 0.002 min
Response: 28200285
Conc: 627.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



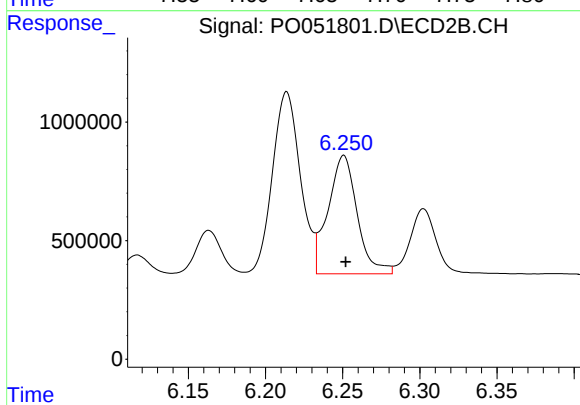
#35 AR-1260-5

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 12898265
Conc: 607.65 ng/ml



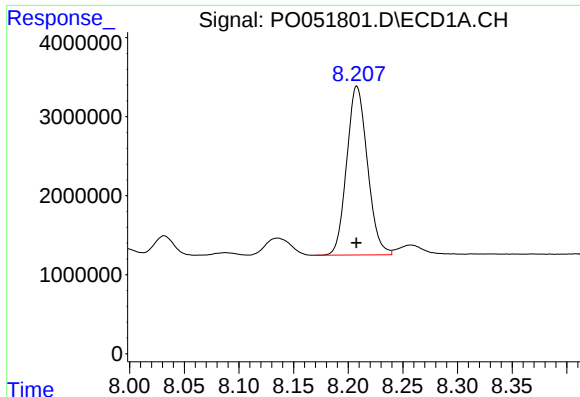
#36 AR-1262-1

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 14037305
Conc: 393.32 ng/ml



#36 AR-1262-1

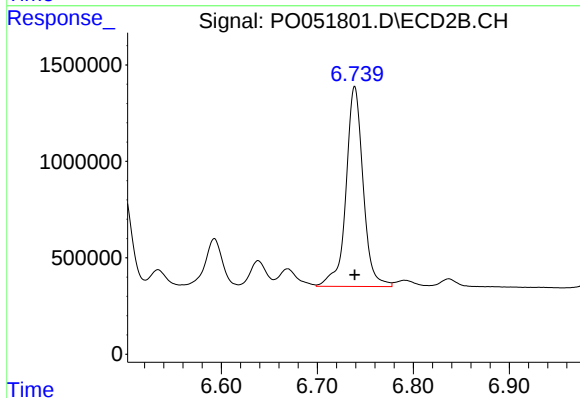
R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 6565661
Conc: 412.49 ng/ml



#37 AR-1262-2

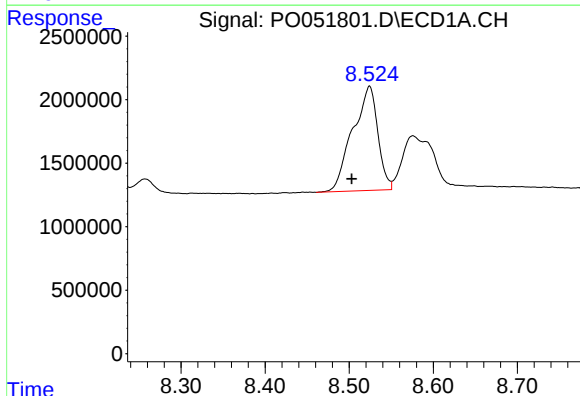
R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 28200285
Conc: 526.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



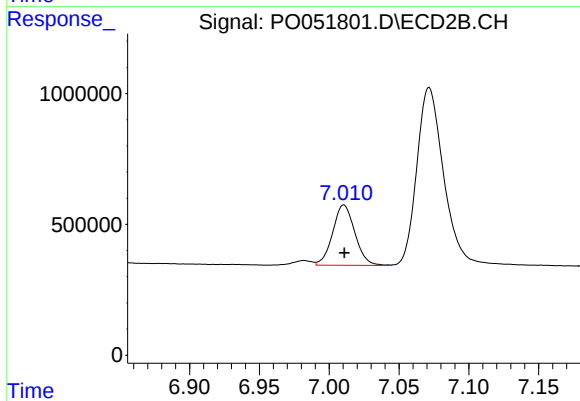
#37 AR-1262-2

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 12898265
Conc: 527.50 ng/ml



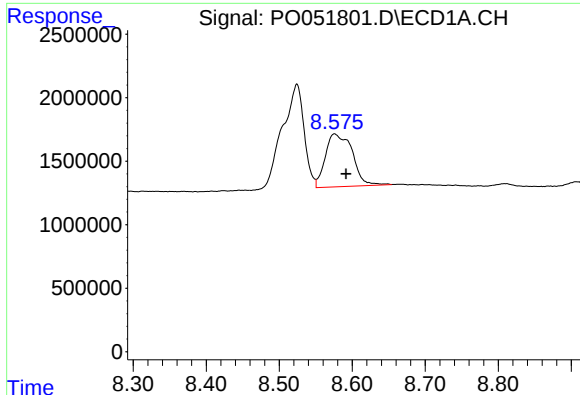
#38 AR-1262-3

R.T.: 8.524 min
Delta R.T.: 0.021 min
Response: 17053485
Conc: 487.89 ng/ml



#38 AR-1262-3

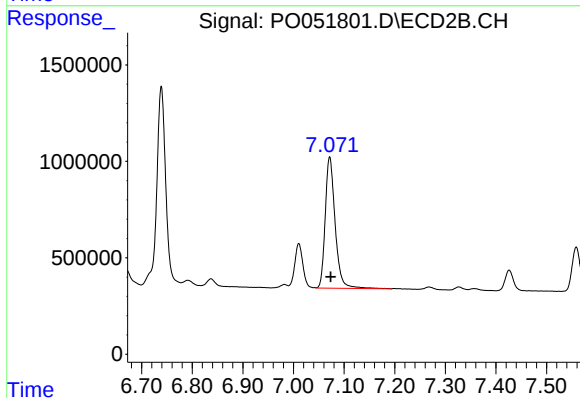
R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 2557477
Conc: 245.51 ng/ml



#39 AR-1262-4

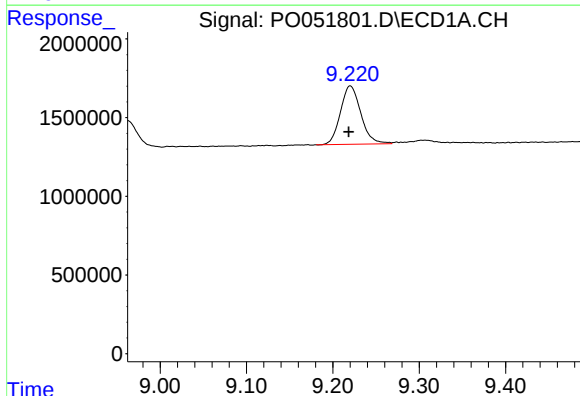
R.T.: 8.576 min
Delta R.T.: -0.016 min
Response: 10674607
Conc: 391.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



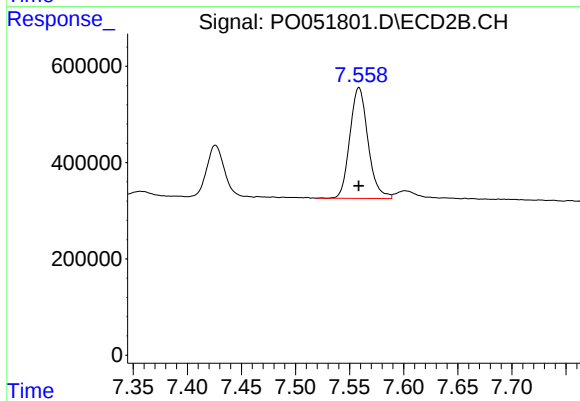
#39 AR-1262-4

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 9268378
Conc: 498.54 ng/ml



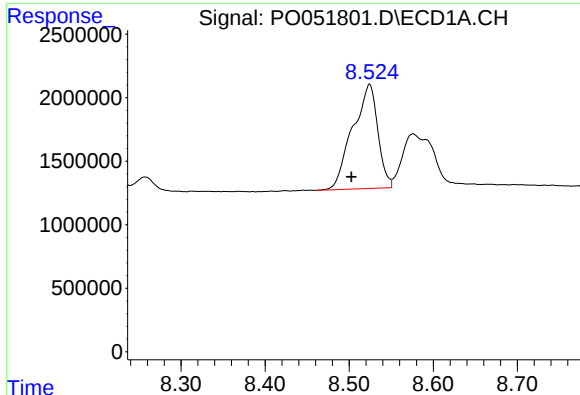
#40 AR-1262-5

R.T.: 9.220 min
Delta R.T.: 0.002 min
Response: 6084834
Conc: 347.28 ng/ml



#40 AR-1262-5

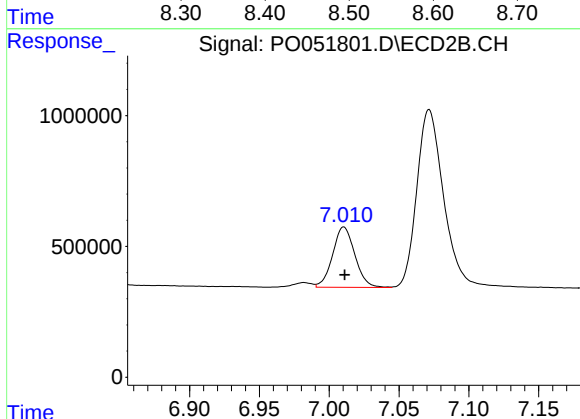
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 2687513
Conc: 337.15 ng/ml



#41 AR-1268-1

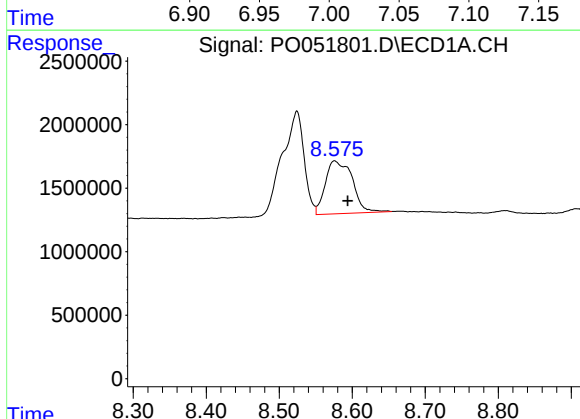
R.T.: 8.524 min
Delta R.T.: 0.022 min
Response: 17053485
Conc: 217.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



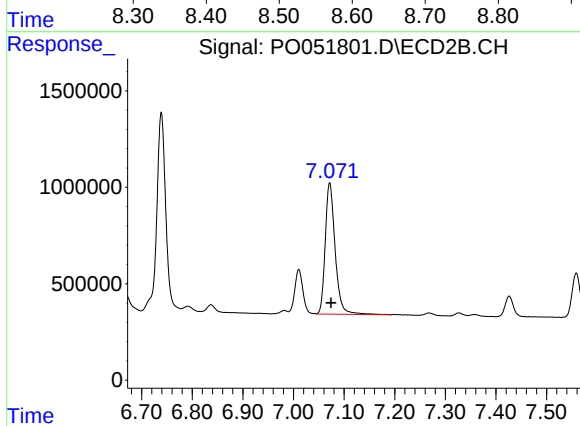
#41 AR-1268-1

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 2557477
Conc: 73.67 ng/ml



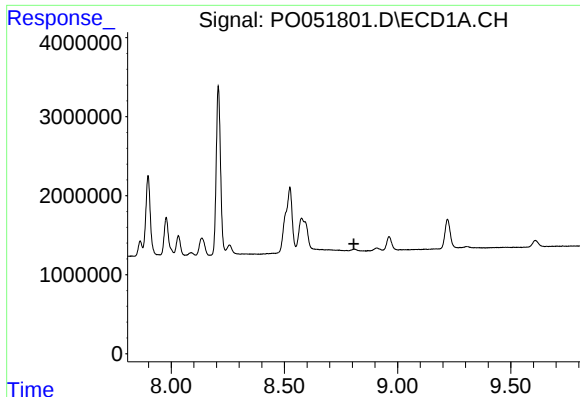
#42 AR-1268-2

R.T.: 8.576 min
Delta R.T.: -0.018 min
Response: 10674607
Conc: 155.98 ng/ml



#42 AR-1268-2

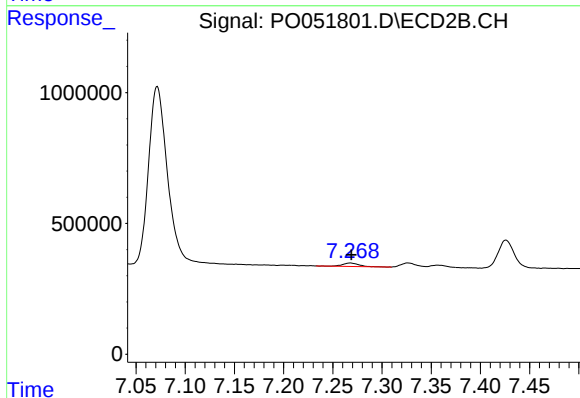
R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 9268378
Conc: 276.24 ng/ml



#43 AR-1268-3

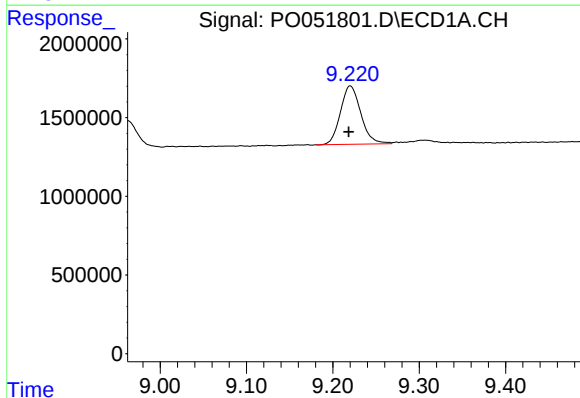
R.T.: 0.000 min
Exp R.T.: 8.807 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



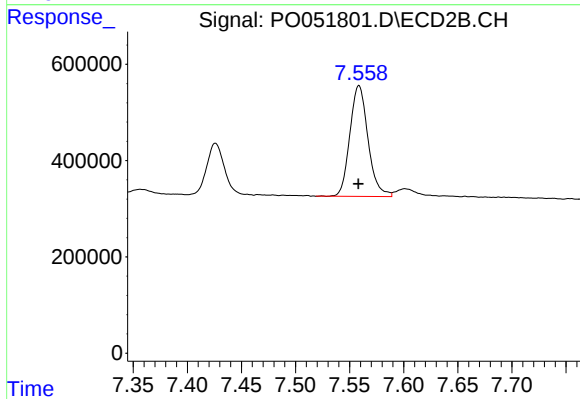
#43 AR-1268-3

R.T.: 7.268 min
Delta R.T.: -0.001 min
Response: 143918
Conc: 4.89 ng/ml



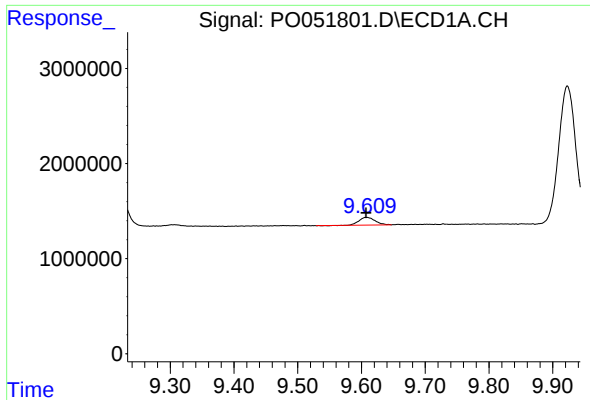
#44 AR-1268-4

R.T.: 9.220 min
Delta R.T.: 0.002 min
Response: 6084834
Conc: 283.26 ng/ml



#44 AR-1268-4

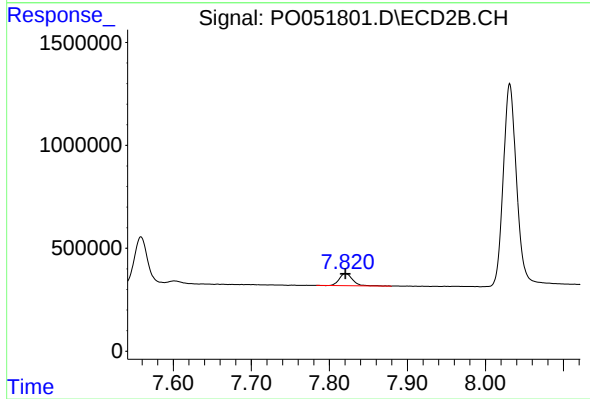
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 2687513
Conc: 262.48 ng/ml



#45 AR-1268-5

R.T.: 9.608 min
Delta R.T.: 0.001 min
Response: 1424627
Conc: 8.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 699220
Conc: 8.47 ng/ml