

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112018\
 Data File : PO051662.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Nov 2018 19:27
 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 21 03:10:58 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 21 00:55:28 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...	4.316	3.321	52803469	13947190	70.143	58.268
2)	SA Decachlor...	9.937	8.044	25948890	11392220	55.938	52.699
Target Compounds							
3)	L1 AR-1016-1	5.478	4.331	14760859	4047306	653.185	545.756
4)	L1 AR-1016-2	5.500	4.346	22157005	7120308	655.665	582.183
5)	L1 AR-1016-3	5.561	4.509	13015982	3463624	652.144	567.298
6)	L1 AR-1016-4	5.659	4.552	10831627	2851170	652.223	537.323
7)	L1 AR-1016-5	5.951	4.751	10189503	3151372	640.313	482.881
8)	L2 AR-1221-1	4.523	3.522	1472304	350958	207.079	156.052
9)	L2 AR-1221-2	4.613	3.600	2152950	597241	410.898	344.450
10)	L2 AR-1221-3	4.688	3.671	7980790	2139901	484.135	389.400
11)	L3 AR-1232-1	4.688	3.671	7980790	2139901	600.967	462.144
12)	L3 AR-1232-2	5.212	4.346	10819287	7120308	1489.499	1329.492
13)	L3 AR-1232-3	5.500	4.509	22157005	3463624	1547.603	1325.087
14)	L3 AR-1232-4	5.659	4.590	10831627	3325875	1521.373	1508.984
15)	L3 AR-1232-5	5.748	4.751	9020320	3151372	1824.923	1244.950 #
16)	L4 AR-1242-1	5.478	4.331	14760859	4047306	822.082	682.056
17)	L4 AR-1242-2	5.500	4.346	22157005	7120308	814.709	713.360
18)	L4 AR-1242-3	5.561	4.509	13015982	3463624	815.023	698.296
19)	L4 AR-1242-4	5.659	4.590	10831627	3325875	820.266	701.873
20)	L4 AR-1242-5	6.391	5.082	3405172	4055653	254.767	672.823 #
21)	L5 AR-1248-1	5.478	4.331	14760859	4047306	958.804	751.314
22)	L5 AR-1248-2	5.748	4.552	9020320	2851170	424.305	361.343
23)	L5 AR-1248-3	5.951	4.590	10189503	3325875	429.459	424.237
24)	L5 AR-1248-4	6.353	4.751	4095592	3151372	154.959	324.827 #
25)	L5 AR-1248-5	6.391	5.119	3405172	900727	135.788	95.402 #
26)	L6 AR-1254-1	6.325	5.082	11479083	4055653	464.784	294.998 #
27)	L6 AR-1254-2	6.541	5.223	9391221	3169449	241.136	265.567
28)	L6 AR-1254-3	6.909	5.619	5949117	5858248	147.576	311.792 #
29)	L6 AR-1254-4	7.192	5.825	3290050	850468	105.481	74.565 #
30)	L6 AR-1254-5	7.607	6.225	28065122	10368146	911.457	656.957 #
31)	L7 AR-1260-1	7.070	5.729	18383399	7612934	610.561	561.171
32)	L7 AR-1260-2	7.325	5.912	25315519	9495584	599.664	547.191
33)	L7 AR-1260-3	7.682	6.055	17081853	8246814	587.956	538.371
34)	L7 AR-1260-4	7.907	6.509	15568094	5512106	566.079	542.408
35)	L7 AR-1260-5	8.217	6.749	33059185	14144011	573.877	547.968
36)	L8 AR-1262-1	7.682	6.262	17081853	6945618	364.698	371.773
37)	L8 AR-1262-2	8.217	6.749	33059185	14144011	472.917	468.850
38)	L8 AR-1262-3	8.534	7.022	18809323	2585096	426.373	207.127 #
39)	L8 AR-1262-4	8.585	7.083	11559421	9518915	333.720	436.137 #
40)	L8 AR-1262-5	9.231	7.569	6298555	2924903	304.951	329.190
41)	L9 AR-1268-1	8.534	7.022	18809323	2585096	202.838	65.473 #

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 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

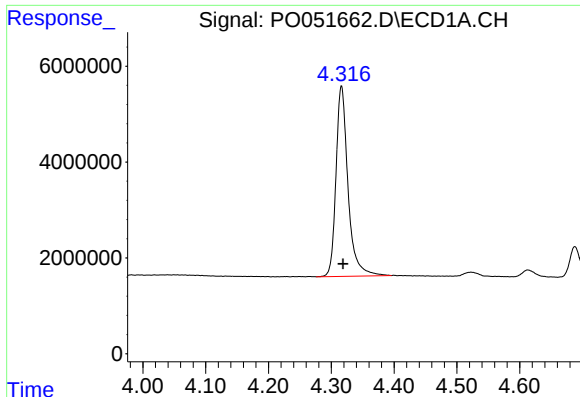
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:10:58 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.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	8.585	7.083	11559421	9518915	144.875	257.942 #
43) L9	AR-1268-3	0.000	7.280	0	115715	N.D.	3.509 #
44) L9	AR-1268-4	9.231	7.569	6298555	2924903	254.279	259.954
45) L9	AR-1268-5	9.621	7.832	2024044	582656	10.709	6.790 #

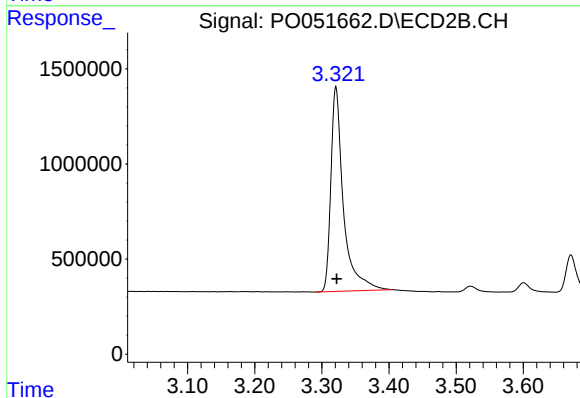
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

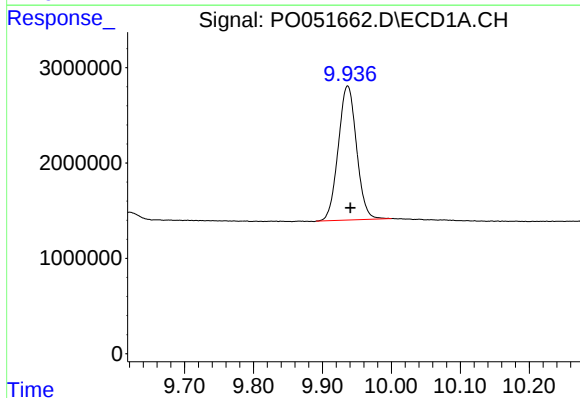
R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 52803469
Conc: 70.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



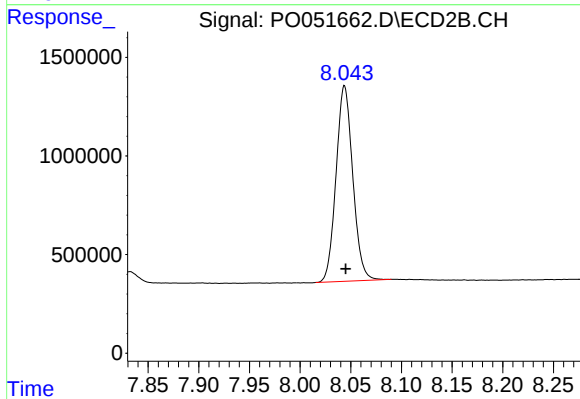
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 13947190
Conc: 58.27 ng/ml



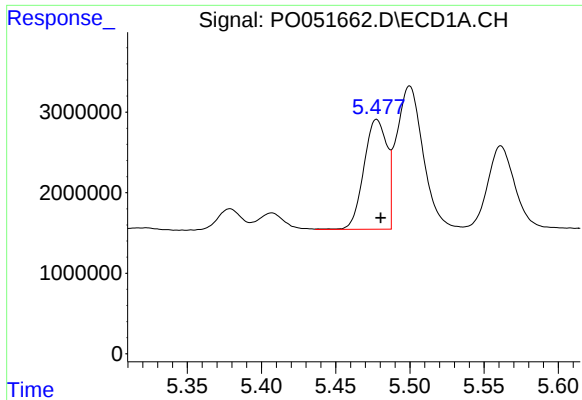
#2 Decachlorobiphenyl

R.T.: 9.937 min
Delta R.T.: -0.004 min
Response: 25948890
Conc: 55.94 ng/ml



#2 Decachlorobiphenyl

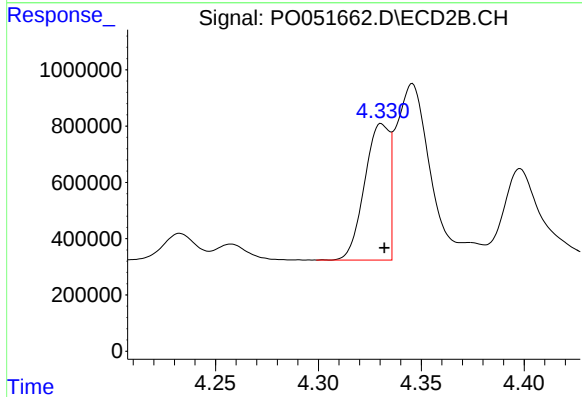
R.T.: 8.044 min
Delta R.T.: -0.001 min
Response: 11392220
Conc: 52.70 ng/ml



#3 AR-1016-1

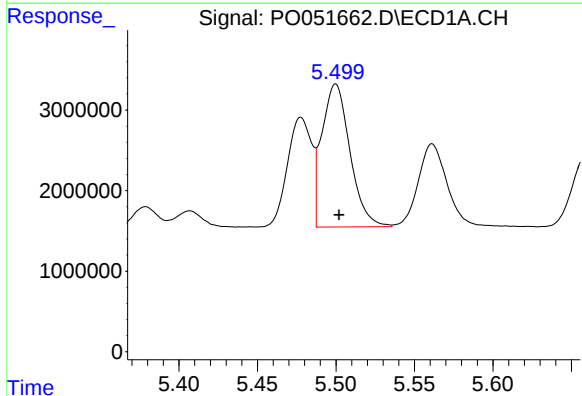
R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 14760859
Conc: 653.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



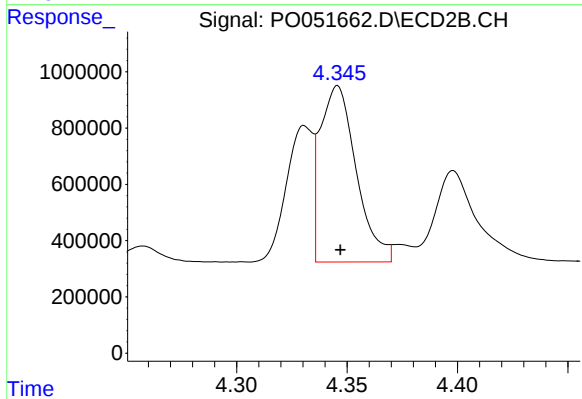
#3 AR-1016-1

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 4047306
Conc: 545.76 ng/ml



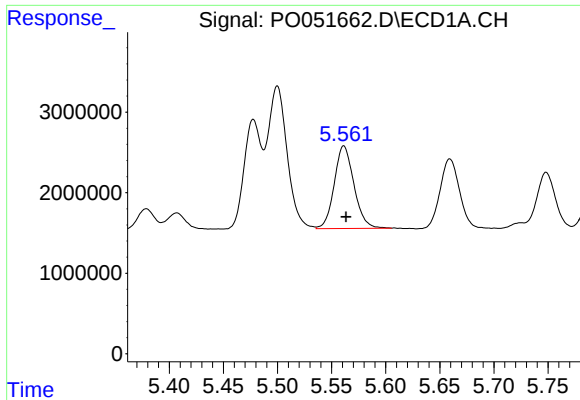
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 22157005
Conc: 655.66 ng/ml



#4 AR-1016-2

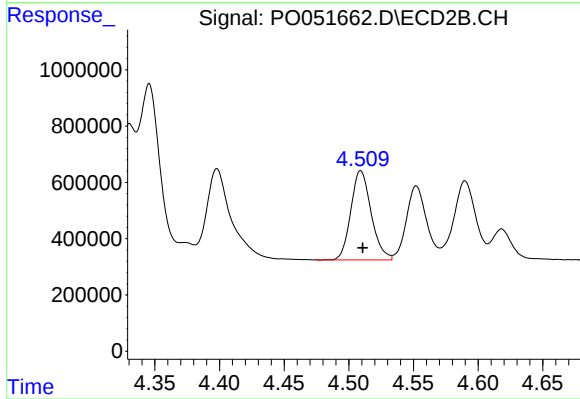
R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 7120308
Conc: 582.18 ng/ml



#5 AR-1016-3

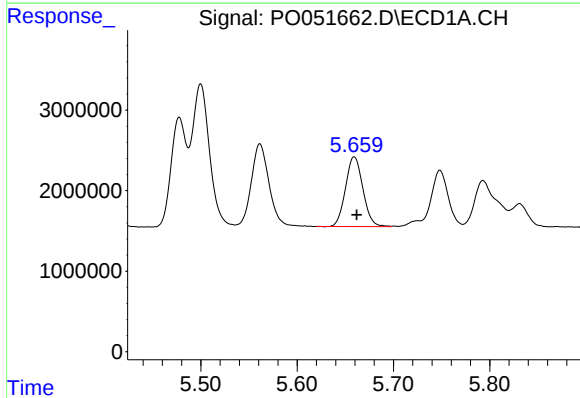
R.T.: 5.561 min
Delta R.T.: -0.002 min
Response: 13015982
Conc: 652.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



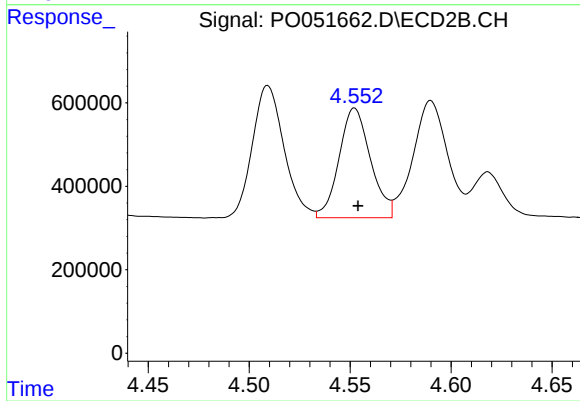
#5 AR-1016-3

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 3463624
Conc: 567.30 ng/ml



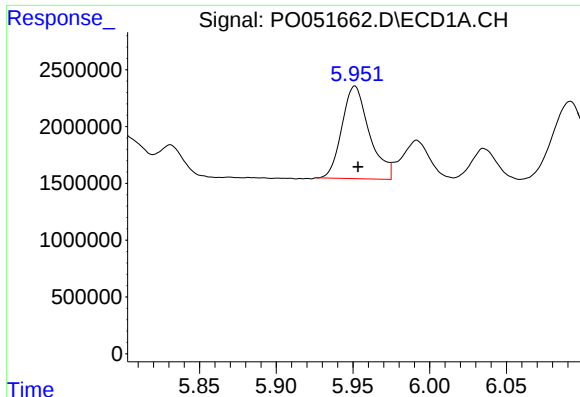
#6 AR-1016-4

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 10831627
Conc: 652.22 ng/ml



#6 AR-1016-4

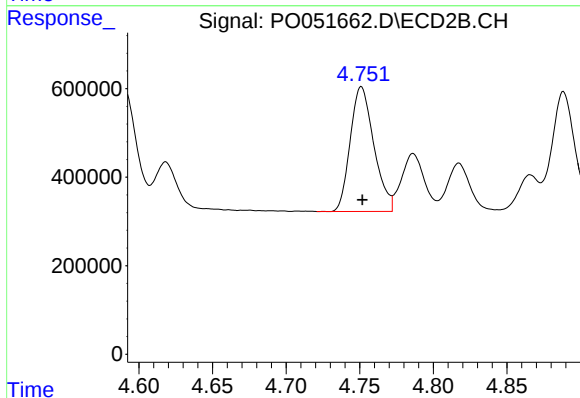
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 2851170
Conc: 537.32 ng/ml



#7 AR-1016-5

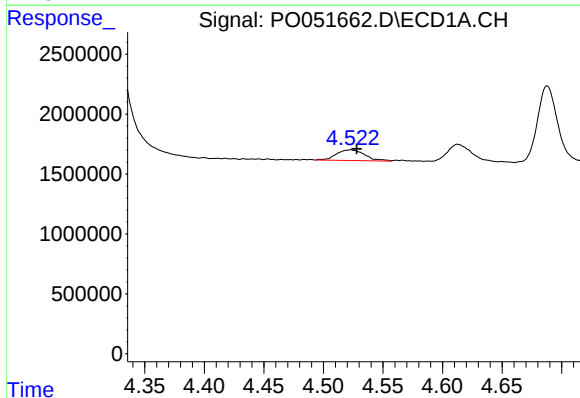
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 10189503
Conc: 640.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



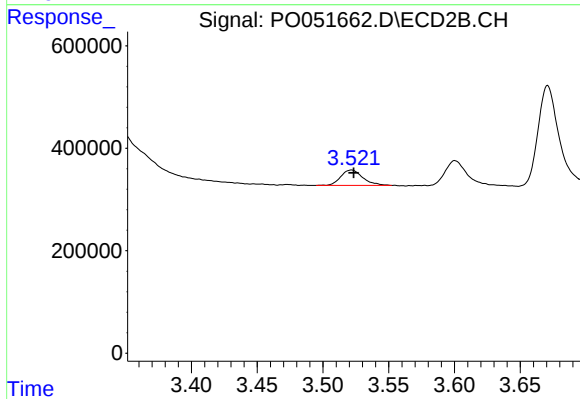
#7 AR-1016-5

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 3151372
Conc: 482.88 ng/ml



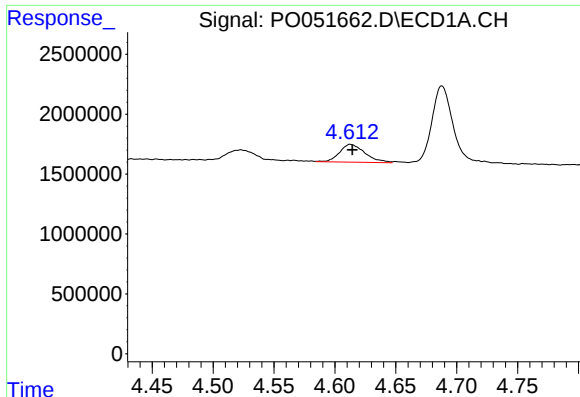
#8 AR-1221-1

R.T.: 4.523 min
Delta R.T.: -0.005 min
Response: 1472304
Conc: 207.08 ng/ml



#8 AR-1221-1

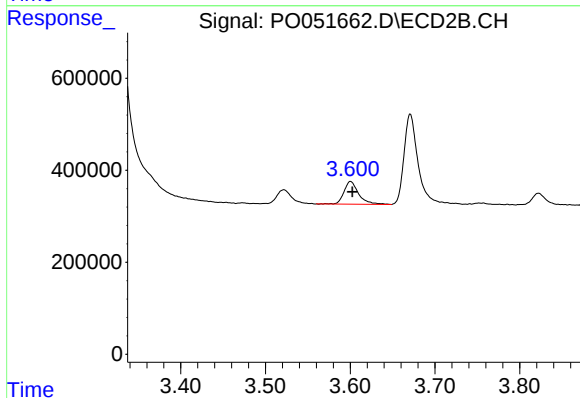
R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 350958
Conc: 156.05 ng/ml



#9 AR-1221-2

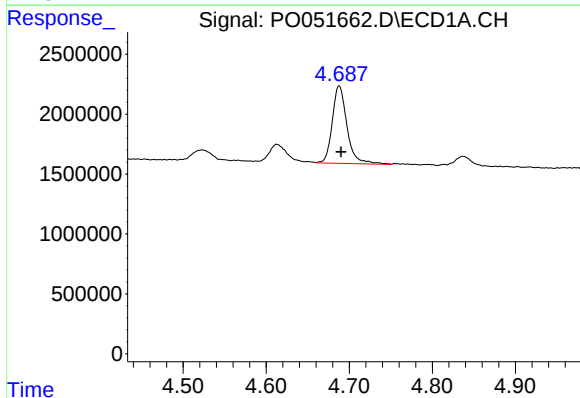
R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 2152950
Conc: 410.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



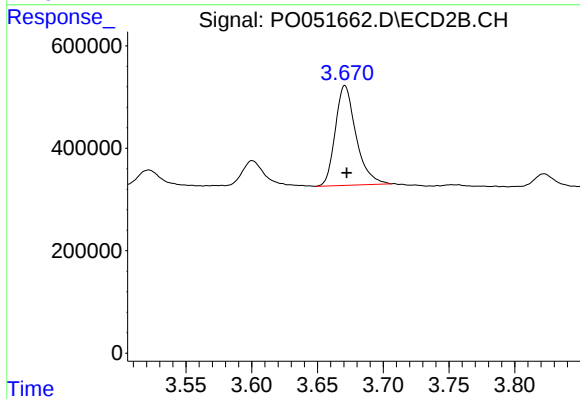
#9 AR-1221-2

R.T.: 3.600 min
Delta R.T.: -0.002 min
Response: 597241
Conc: 344.45 ng/ml



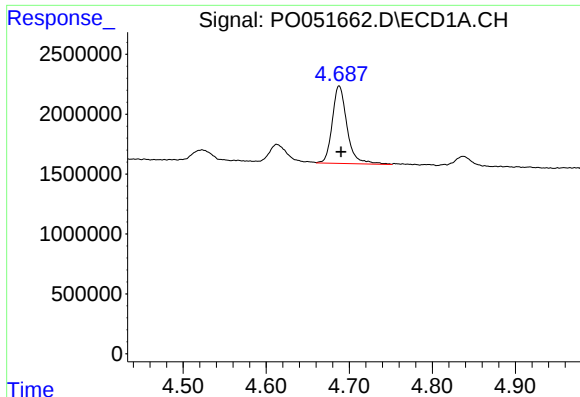
#10 AR-1221-3

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 7980790
Conc: 484.14 ng/ml



#10 AR-1221-3

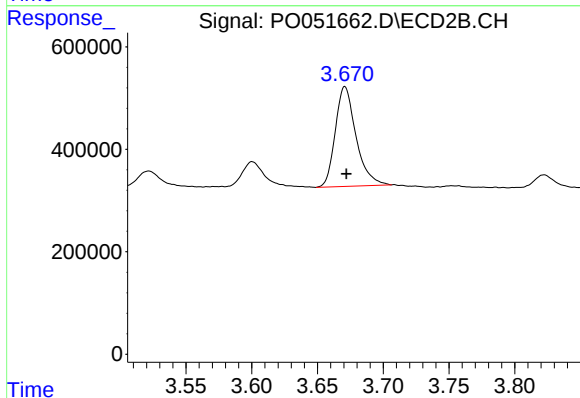
R.T.: 3.671 min
Delta R.T.: -0.001 min
Response: 2139901
Conc: 389.40 ng/ml



#11 AR-1232-1

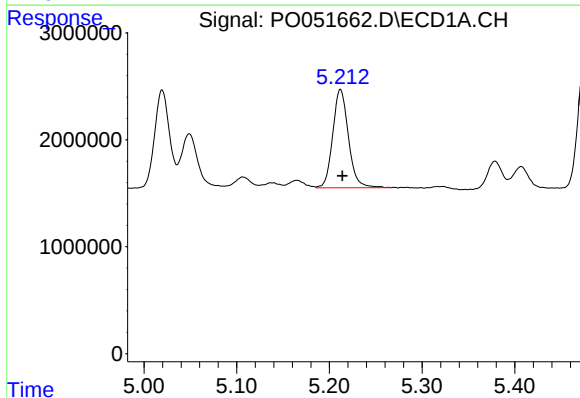
R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 7980790
Conc: 600.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



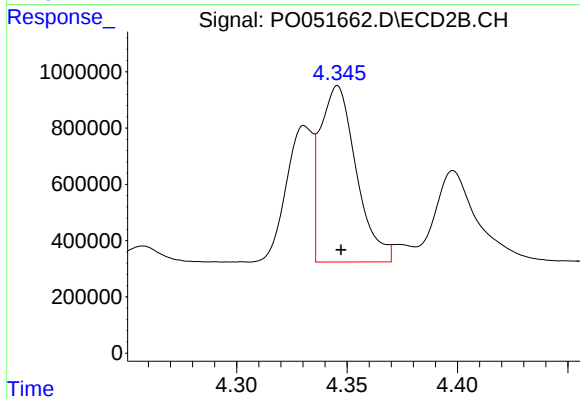
#11 AR-1232-1

R.T.: 3.671 min
Delta R.T.: -0.001 min
Response: 2139901
Conc: 462.14 ng/ml



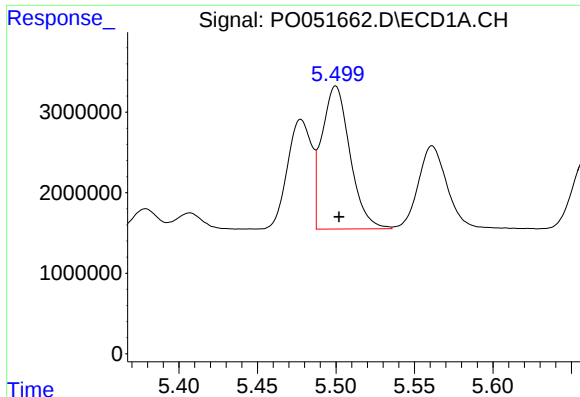
#12 AR-1232-2

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 10819287
Conc: 1489.50 ng/ml



#12 AR-1232-2

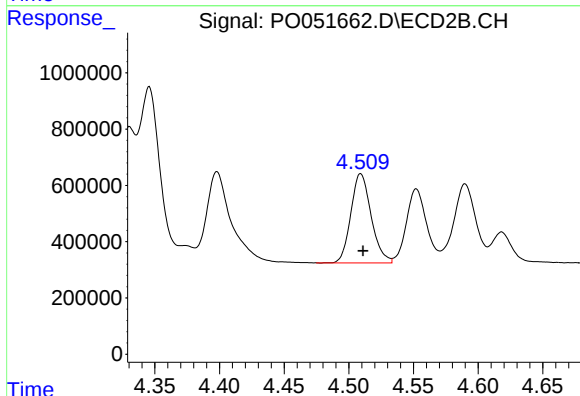
R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 7120308
Conc: 1329.49 ng/ml



#13 AR-1232-3

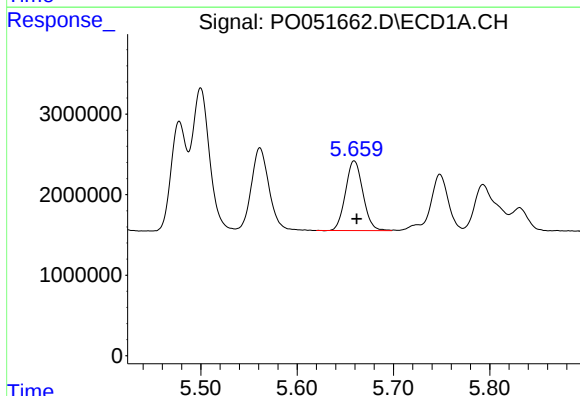
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 22157005
Conc: 1547.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



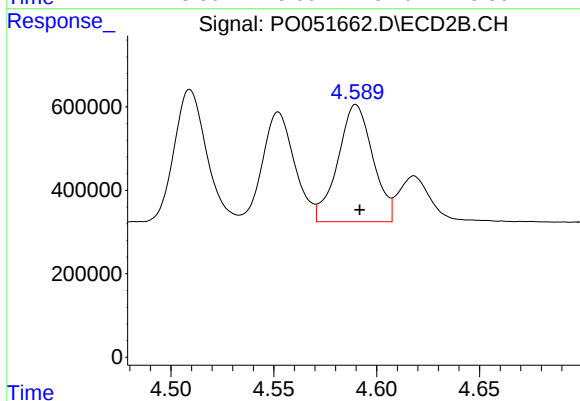
#13 AR-1232-3

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 3463624
Conc: 1325.09 ng/ml



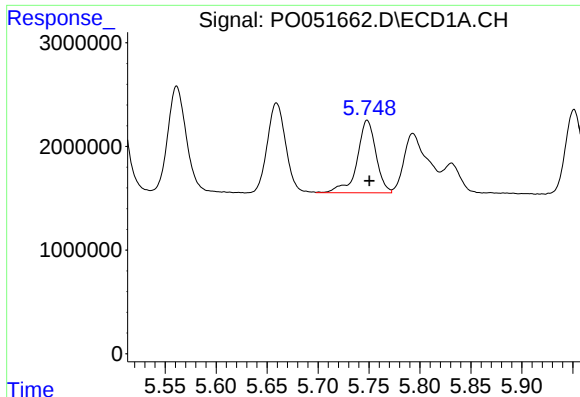
#14 AR-1232-4

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 10831627
Conc: 1521.37 ng/ml



#14 AR-1232-4

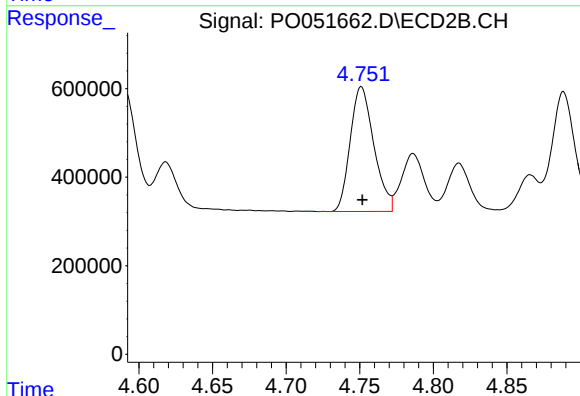
R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 3325875
Conc: 1508.98 ng/ml



#15 AR-1232-5

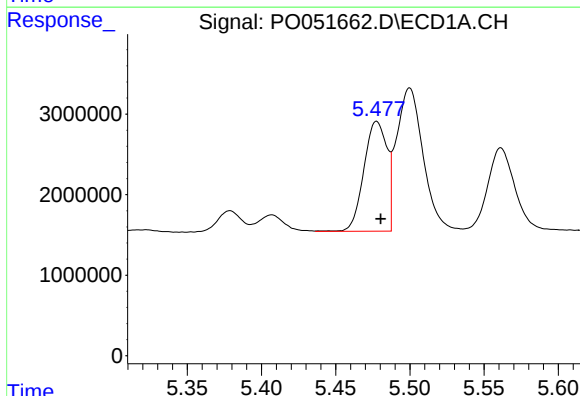
R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 9020320
Conc: 1824.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



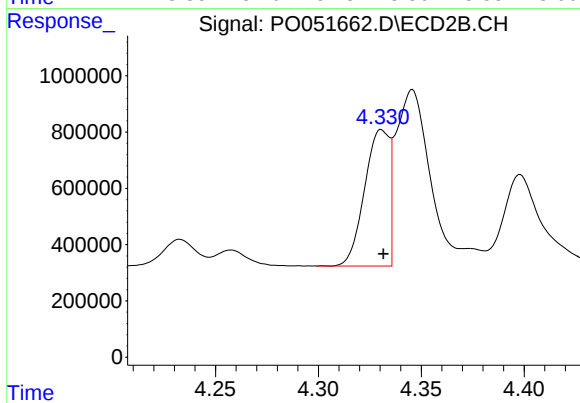
#15 AR-1232-5

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 3151372
Conc: 1244.95 ng/ml



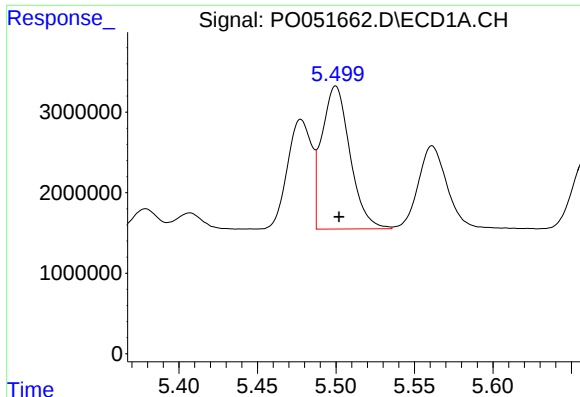
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.003 min
Response: 14760859
Conc: 822.08 ng/ml



#16 AR-1242-1

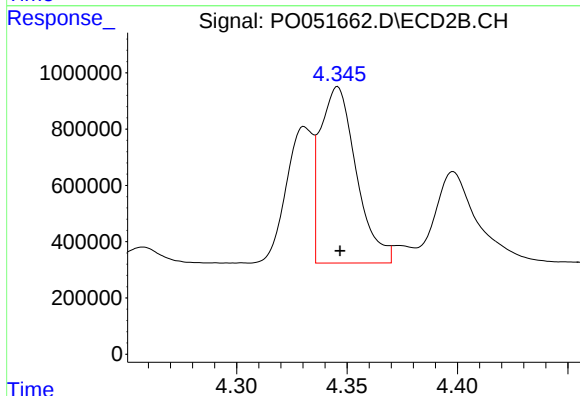
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 4047306
Conc: 682.06 ng/ml



#17 AR-1242-2

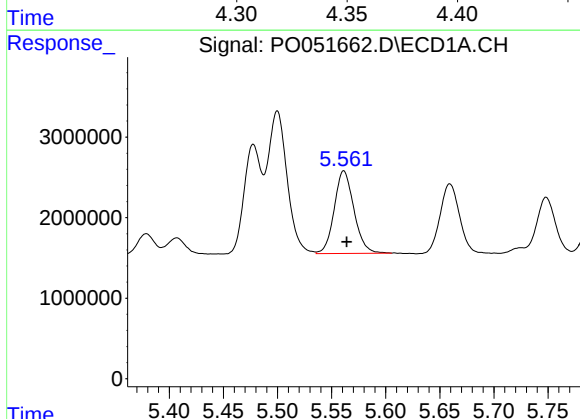
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 22157005
Conc: 814.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



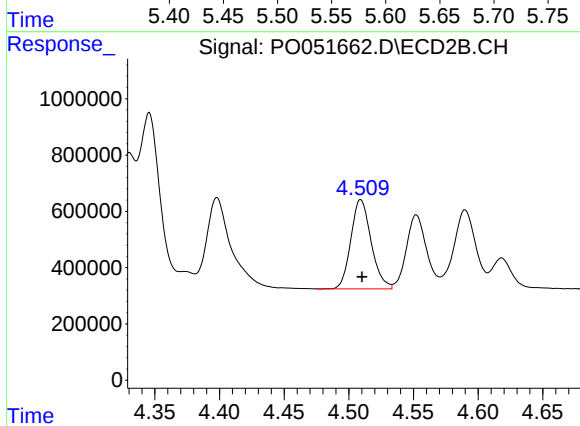
#17 AR-1242-2

R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 7120308
Conc: 713.36 ng/ml



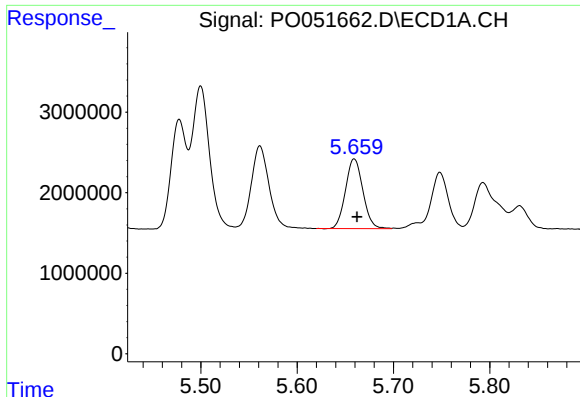
#18 AR-1242-3

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 13015982
Conc: 815.02 ng/ml



#18 AR-1242-3

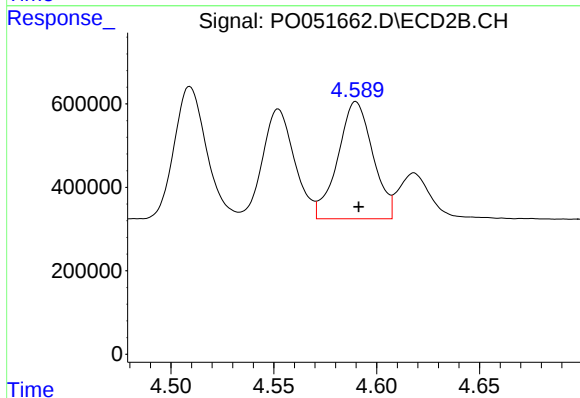
R.T.: 4.509 min
Delta R.T.: -0.001 min
Response: 3463624
Conc: 698.30 ng/ml



#19 AR-1242-4

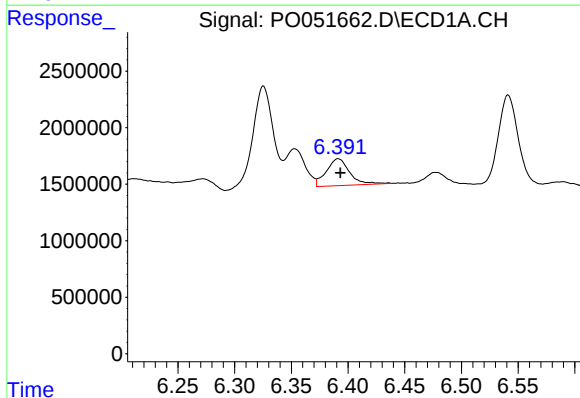
R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 10831627
Conc: 820.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



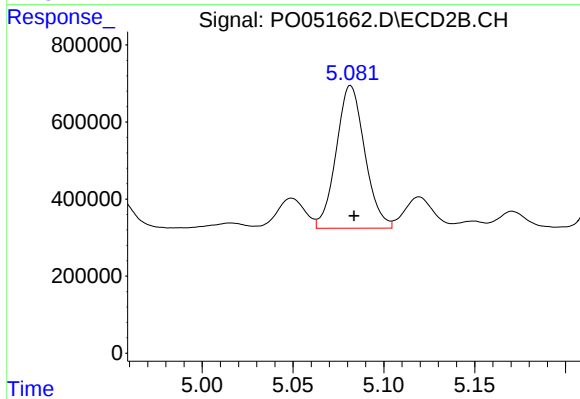
#19 AR-1242-4

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 3325875
Conc: 701.87 ng/ml



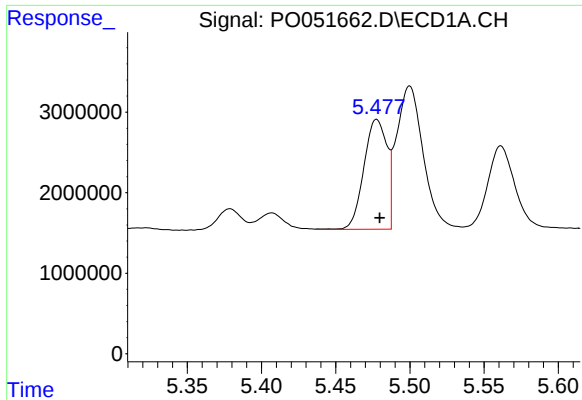
#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 3405172
Conc: 254.77 ng/ml



#20 AR-1242-5

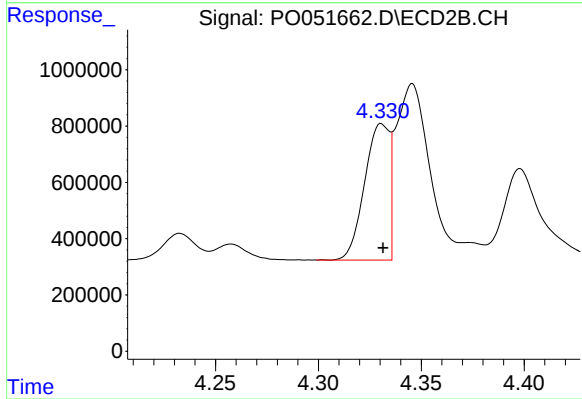
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 4055653
Conc: 672.82 ng/ml



#21 AR-1248-1

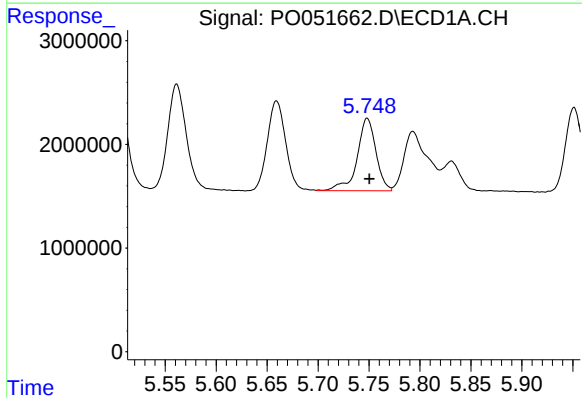
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 14760859
Conc: 958.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



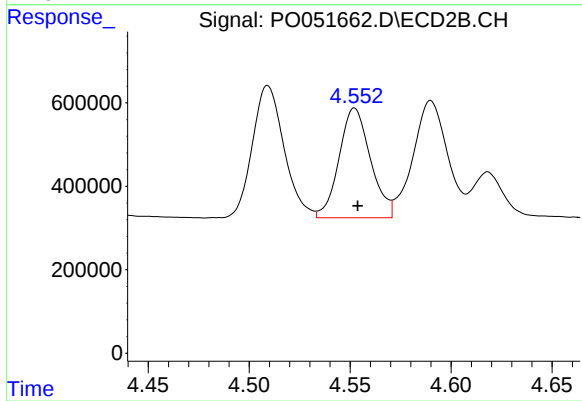
#21 AR-1248-1

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 4047306
Conc: 751.31 ng/ml



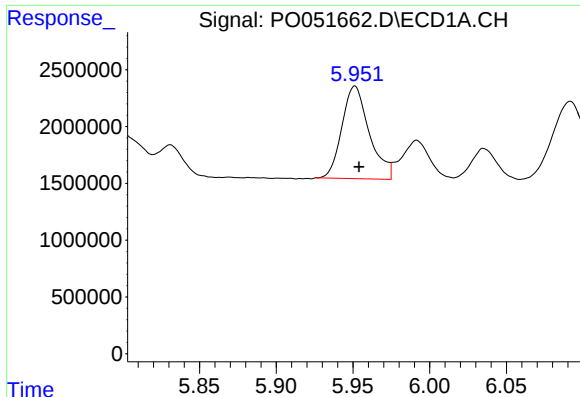
#22 AR-1248-2

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 9020320
Conc: 424.30 ng/ml



#22 AR-1248-2

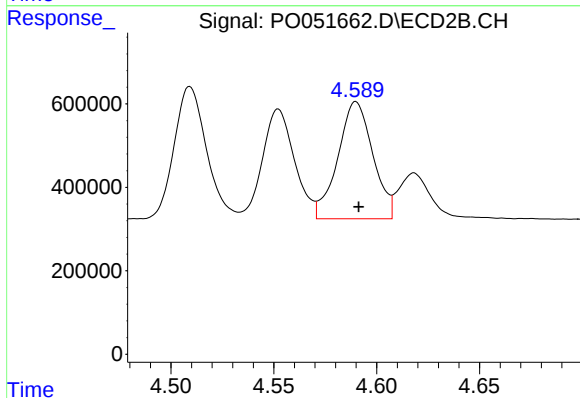
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 2851170
Conc: 361.34 ng/ml



#23 AR-1248-3

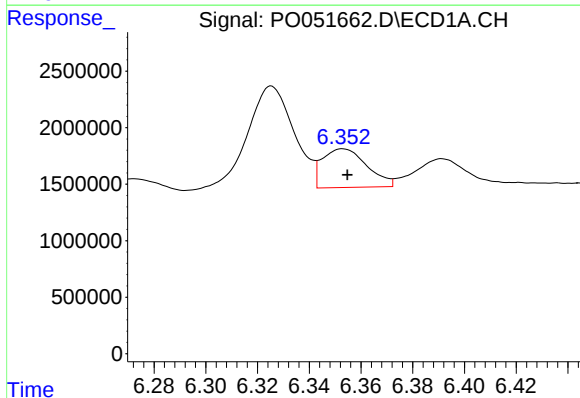
R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 10189503
Conc: 429.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



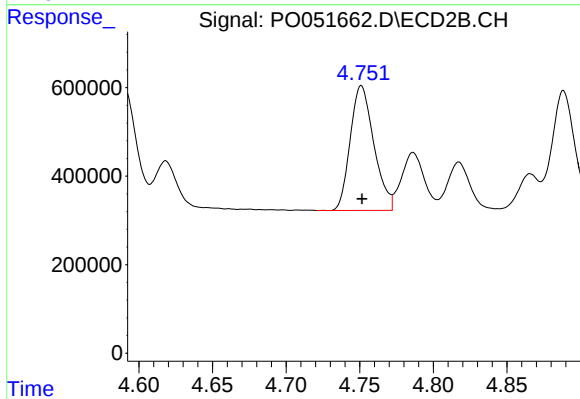
#23 AR-1248-3

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 3325875
Conc: 424.24 ng/ml



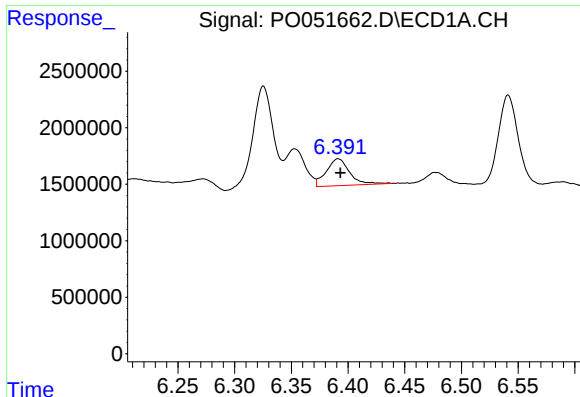
#24 AR-1248-4

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 4095592
Conc: 154.96 ng/ml



#24 AR-1248-4

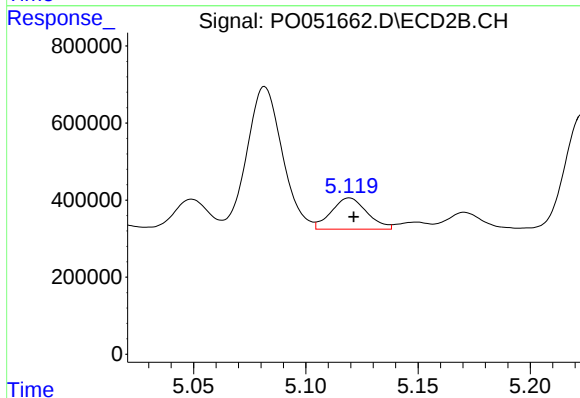
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 3151372
Conc: 324.83 ng/ml



#25 AR-1248-5

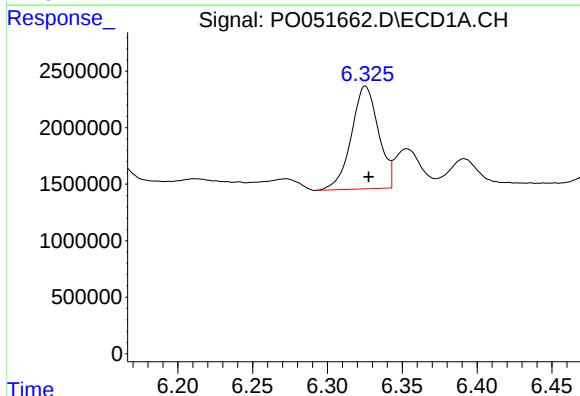
R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 3405172
Conc: 135.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



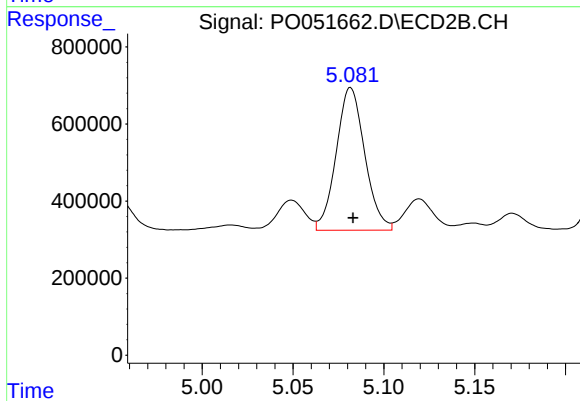
#25 AR-1248-5

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 900727
Conc: 95.40 ng/ml



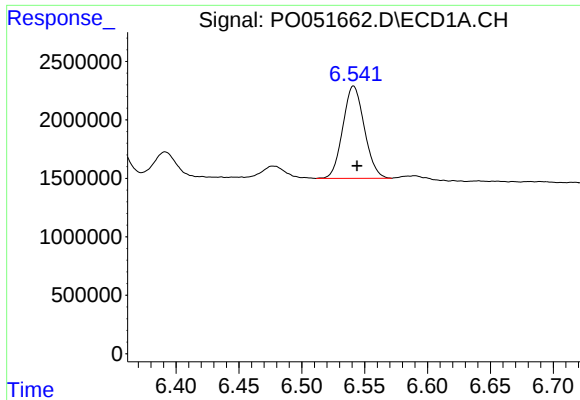
#26 AR-1254-1

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 11479083
Conc: 464.78 ng/ml



#26 AR-1254-1

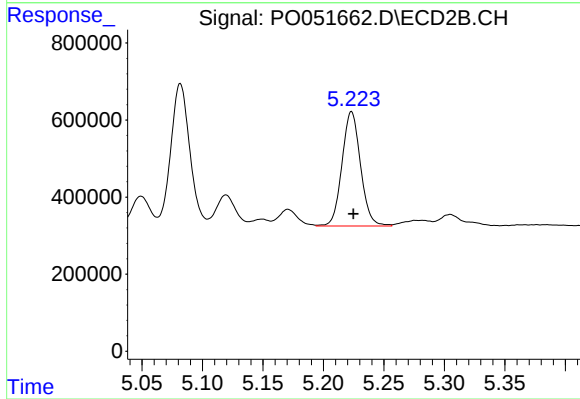
R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 4055653
Conc: 295.00 ng/ml



#27 AR-1254-2

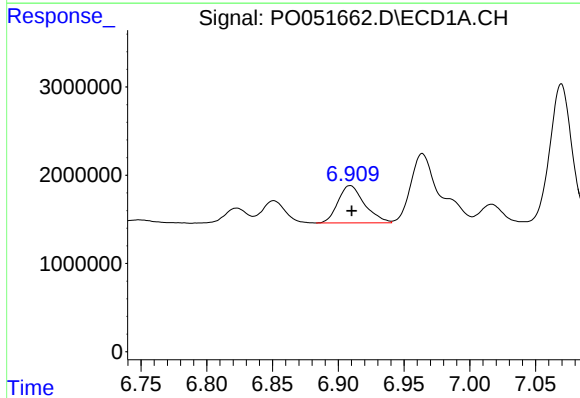
R.T.: 6.541 min
Delta R.T.: -0.003 min
Response: 9391221
Conc: 241.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



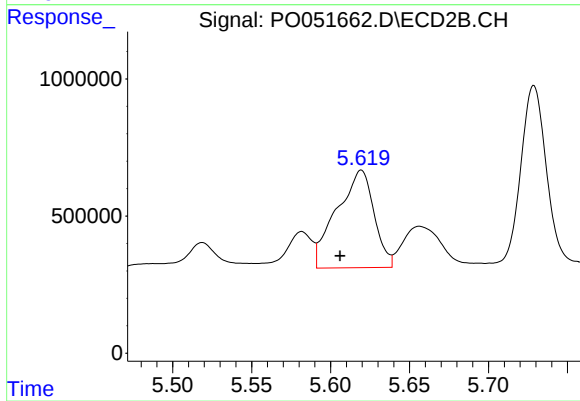
#27 AR-1254-2

R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 3169449
Conc: 265.57 ng/ml



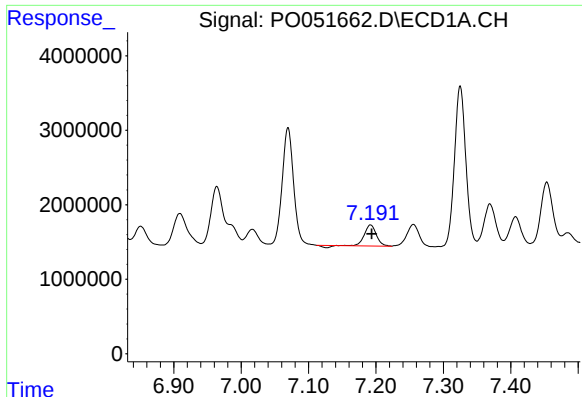
#28 AR-1254-3

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 5949117
Conc: 147.58 ng/ml



#28 AR-1254-3

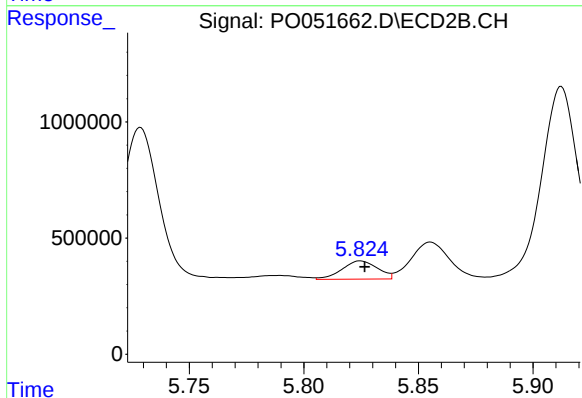
R.T.: 5.619 min
Delta R.T.: 0.013 min
Response: 5858248
Conc: 311.79 ng/ml



#29 AR-1254-4

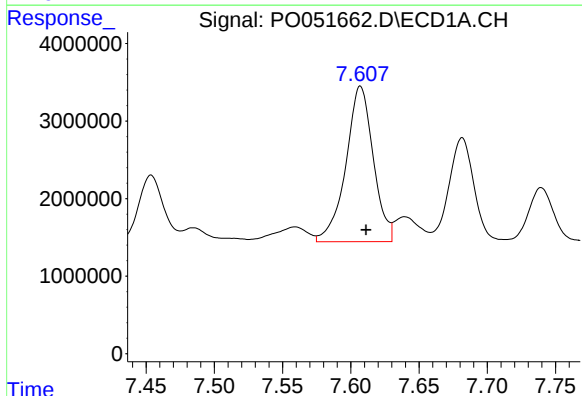
R.T.: 7.192 min
Delta R.T.: -0.002 min
Response: 3290050
Conc: 105.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



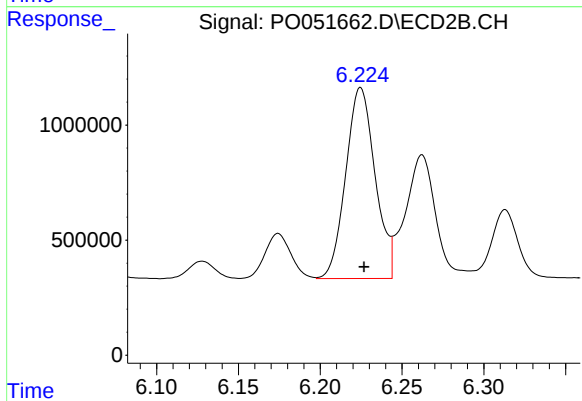
#29 AR-1254-4

R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 850468
Conc: 74.56 ng/ml



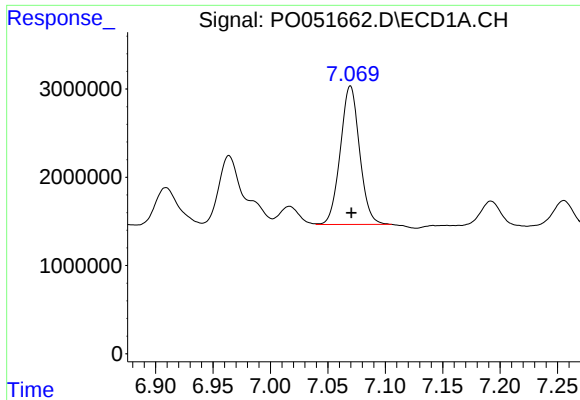
#30 AR-1254-5

R.T.: 7.607 min
Delta R.T.: -0.004 min
Response: 28065122
Conc: 911.46 ng/ml



#30 AR-1254-5

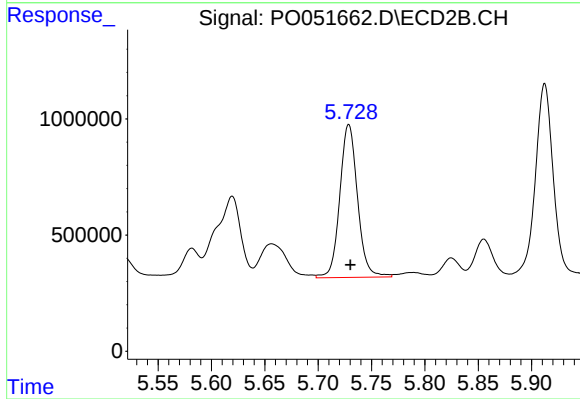
R.T.: 6.225 min
Delta R.T.: -0.002 min
Response: 10368146
Conc: 656.96 ng/ml



#31 AR-1260-1

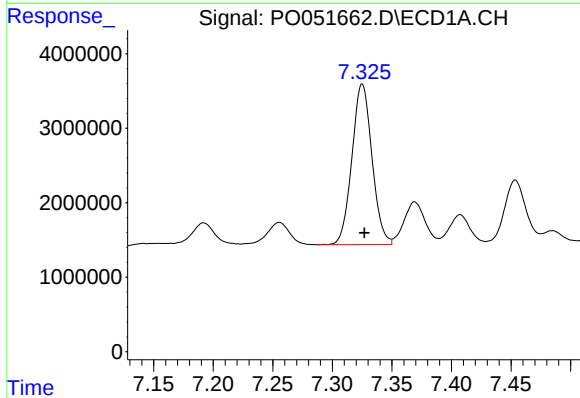
R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 18383399
Conc: 610.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



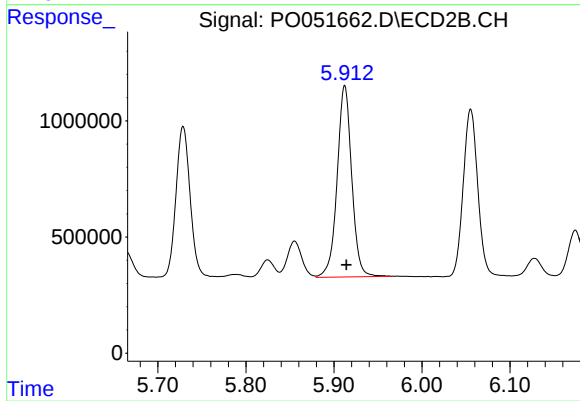
#31 AR-1260-1

R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 7612934
Conc: 561.17 ng/ml



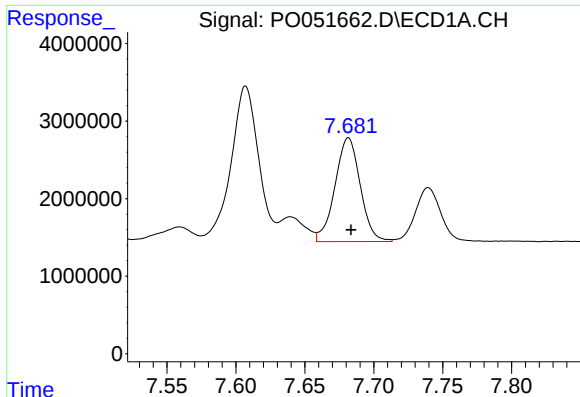
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: -0.002 min
Response: 25315519
Conc: 599.66 ng/ml



#32 AR-1260-2

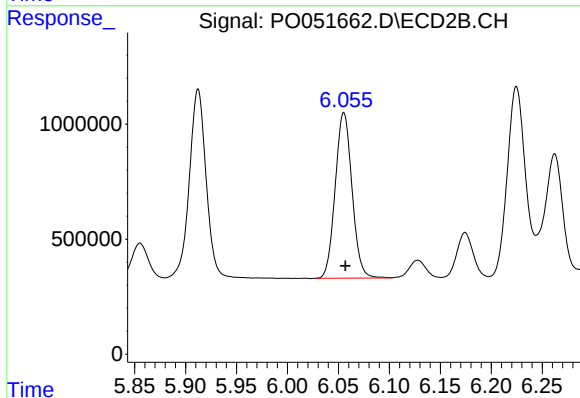
R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 9495584
Conc: 547.19 ng/ml



#33 AR-1260-3

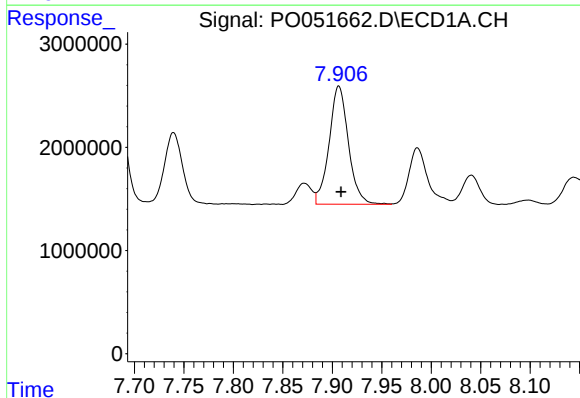
R.T.: 7.682 min
Delta R.T.: -0.002 min
Response: 17081853
Conc: 587.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



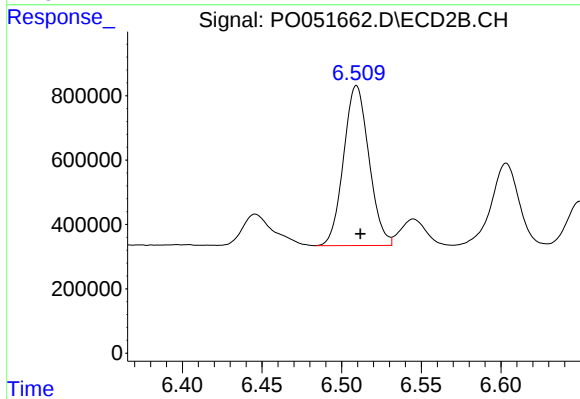
#33 AR-1260-3

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 8246814
Conc: 538.37 ng/ml



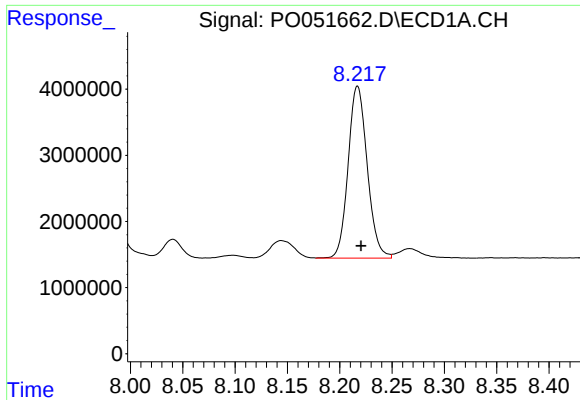
#34 AR-1260-4

R.T.: 7.907 min
Delta R.T.: -0.002 min
Response: 15568094
Conc: 566.08 ng/ml



#34 AR-1260-4

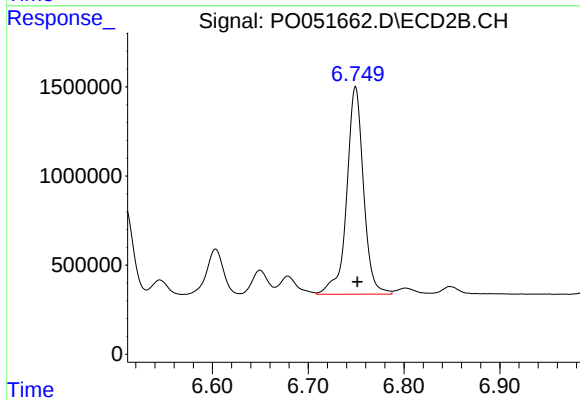
R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 5512106
Conc: 542.41 ng/ml



#35 AR-1260-5

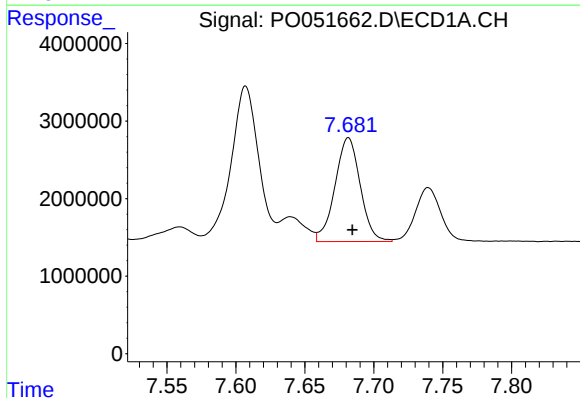
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 33059185
Conc: 573.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



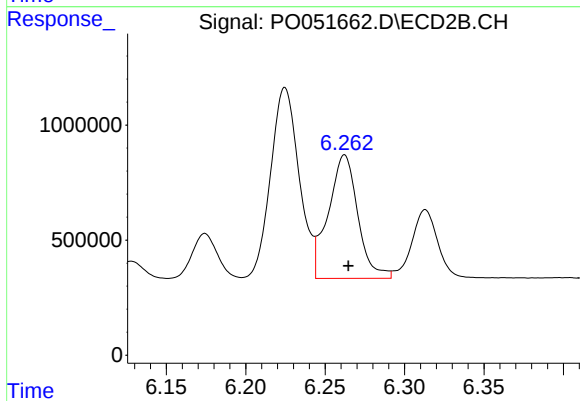
#35 AR-1260-5

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 14144011
Conc: 547.97 ng/ml



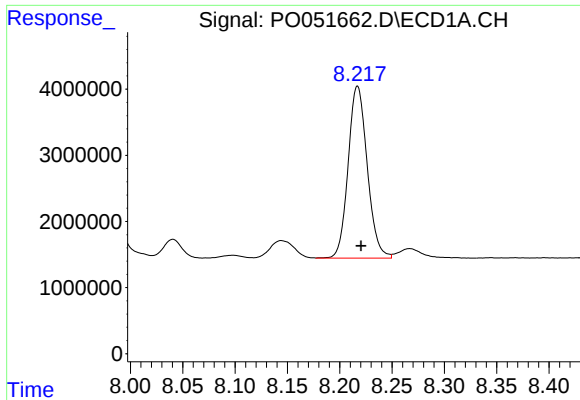
#36 AR-1262-1

R.T.: 7.682 min
Delta R.T.: -0.003 min
Response: 17081853
Conc: 364.70 ng/ml



#36 AR-1262-1

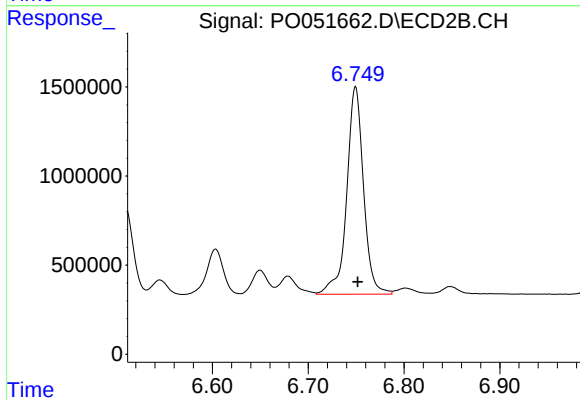
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 6945618
Conc: 371.77 ng/ml



#37 AR-1262-2

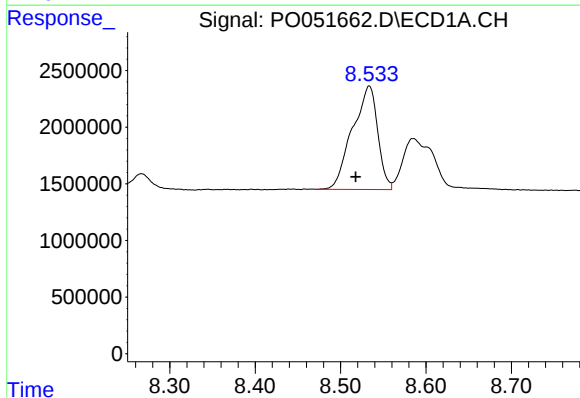
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 33059185
Conc: 472.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



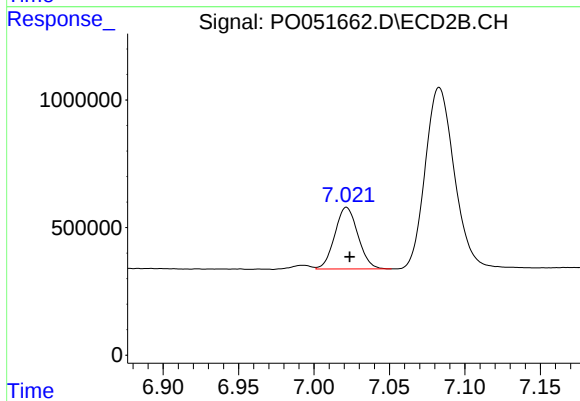
#37 AR-1262-2

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 14144011
Conc: 468.85 ng/ml



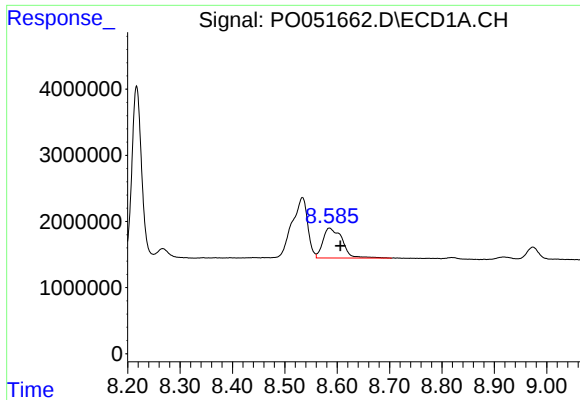
#38 AR-1262-3

R.T.: 8.534 min
Delta R.T.: 0.016 min
Response: 18809323
Conc: 426.37 ng/ml



#38 AR-1262-3

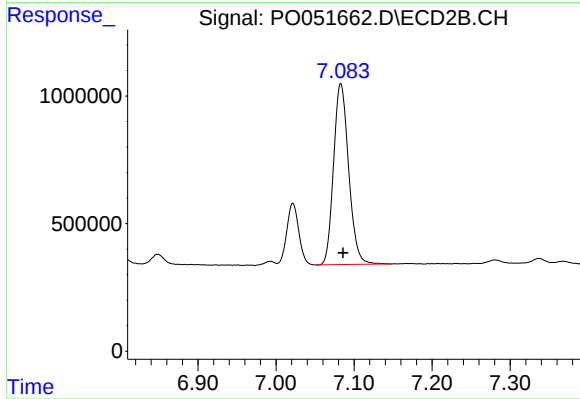
R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 2585096
Conc: 207.13 ng/ml



#39 AR-1262-4

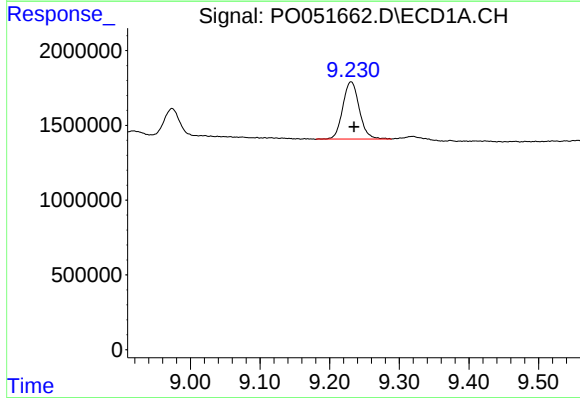
R.T.: 8.585 min
Delta R.T.: -0.021 min
Response: 11559421
Conc: 333.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



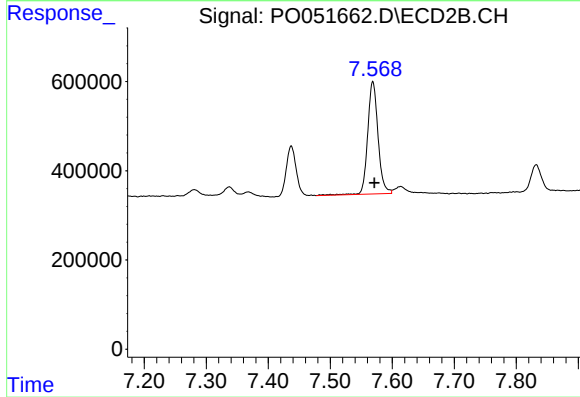
#39 AR-1262-4

R.T.: 7.083 min
Delta R.T.: -0.003 min
Response: 9518915
Conc: 436.14 ng/ml



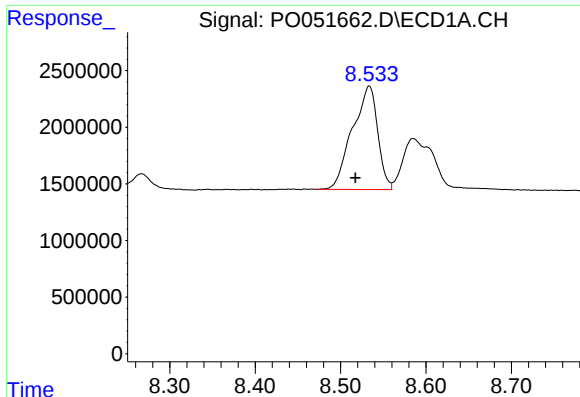
#40 AR-1262-5

R.T.: 9.231 min
Delta R.T.: -0.004 min
Response: 6298555
Conc: 304.95 ng/ml



#40 AR-1262-5

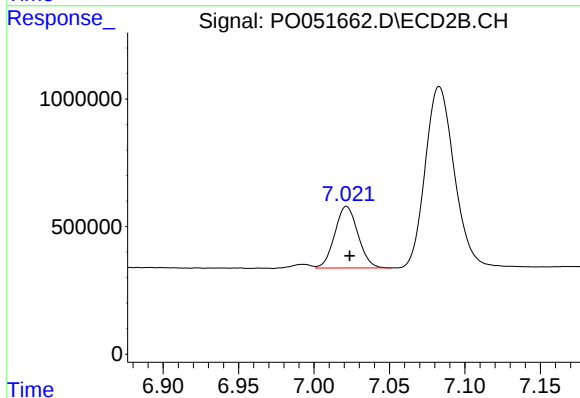
R.T.: 7.569 min
Delta R.T.: -0.002 min
Response: 2924903
Conc: 329.19 ng/ml



#41 AR-1268-1

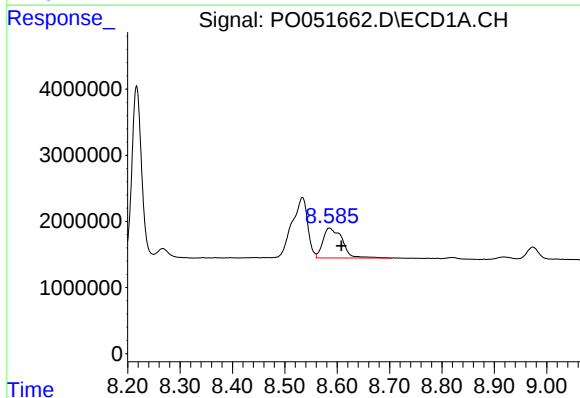
R.T.: 8.534 min
Delta R.T.: 0.016 min
Response: 18809323
Conc: 202.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



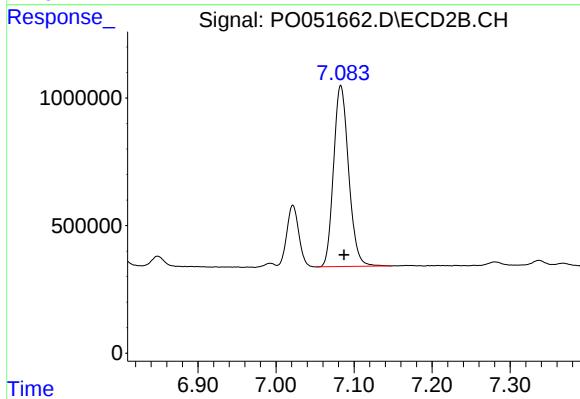
#41 AR-1268-1

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 2585096
Conc: 65.47 ng/ml



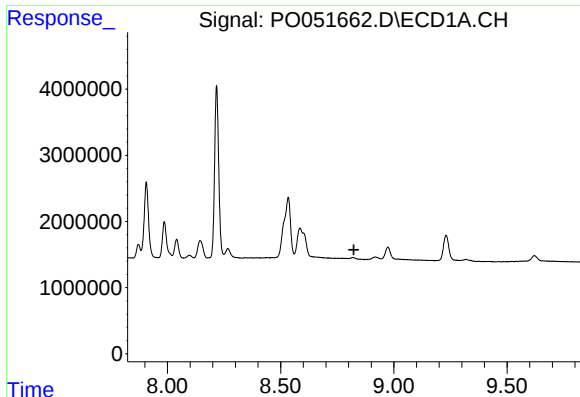
#42 AR-1268-2

R.T.: 8.585 min
Delta R.T.: -0.023 min
Response: 11559421
Conc: 144.87 ng/ml



#42 AR-1268-2

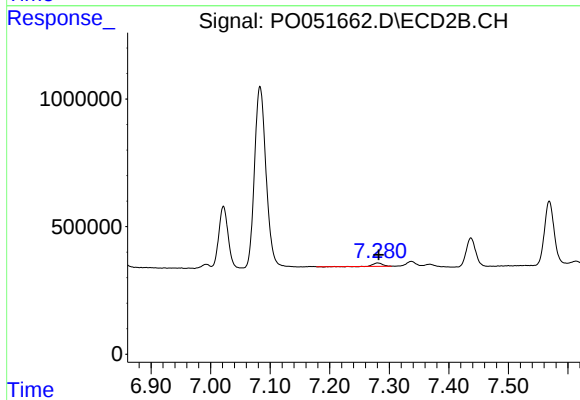
R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 9518915
Conc: 257.94 ng/ml



#43 AR-1268-3

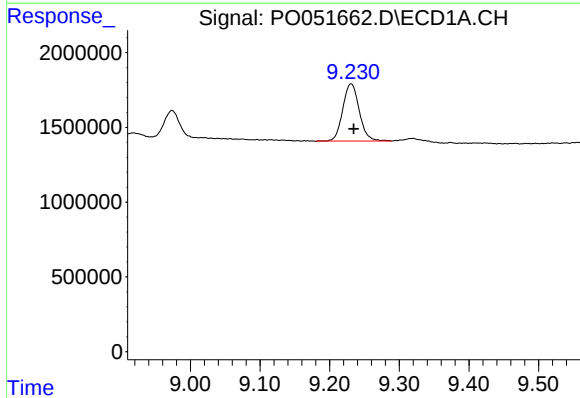
R.T.: 0.000 min
Exp R.T.: 8.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



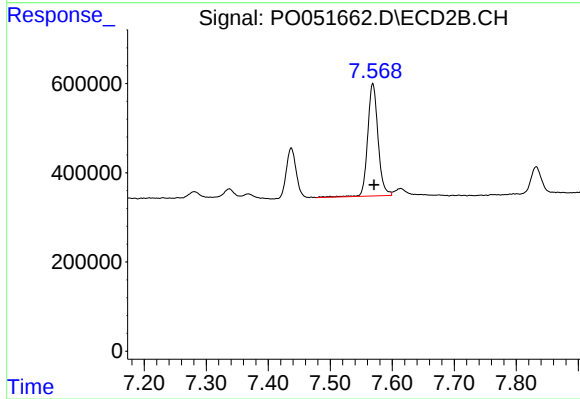
#43 AR-1268-3

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 115715
Conc: 3.51 ng/ml



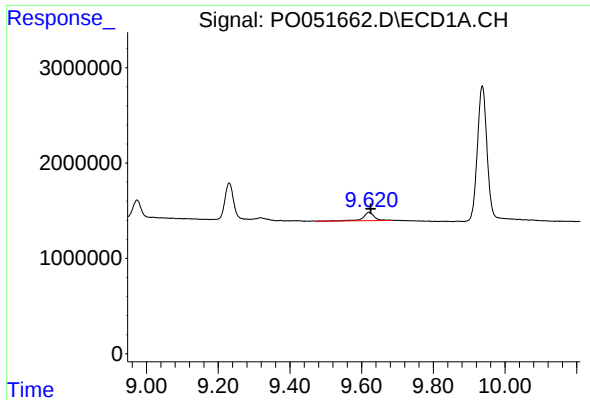
#44 AR-1268-4

R.T.: 9.231 min
Delta R.T.: -0.004 min
Response: 6298555
Conc: 254.28 ng/ml



#44 AR-1268-4

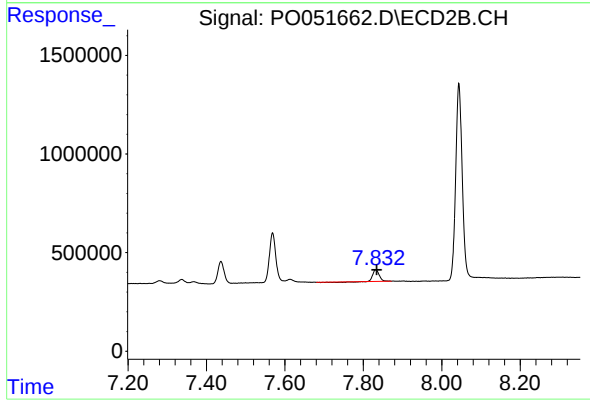
R.T.: 7.569 min
Delta R.T.: -0.002 min
Response: 2924903
Conc: 259.95 ng/ml



#45 AR-1268-5

R.T.: 9.621 min
Delta R.T.: -0.005 min
Response: 2024044
Conc: 10.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.832 min
Delta R.T.: -0.002 min
Response: 582656
Conc: 6.79 ng/ml