

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012821\
 Data File : P0075314.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jan 2021 6:01
 Operator : AJ/MA
 Sample : M1247-13MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 08:09:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 29 07:43:22 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.923	3.995	2241639	1048655	22.150	21.819
2)	SA Decachlor...	10.935	9.244	2921797	1421595	30.303	29.300
Target Compounds							
3)	L1 AR-1016-1	6.246	5.238	2151747	1037530	544.666	534.692
4)	L1 AR-1016-2	6.270	5.258	3012304	1443644	549.422	538.395
5)	L1 AR-1016-3	6.336	5.447	1817052	774284	556.007	539.421
6)	L1 AR-1016-4	6.444	5.500	1527233	632589	555.299	527.808
7)	L1 AR-1016-5	6.759	5.726	1439739	784144	540.478	538.070
8)	L2 AR-1221-1	5.170	4.247	201560	99902	168.588	160.241
9)	L2 AR-1221-2	5.272	4.346	237335	129956	268.835	279.388
10)	L2 AR-1221-3	5.360	4.434	1048960	542588	379.909	384.783
11)	L3 AR-1232-1	5.360	4.434	1048960	542588	466.841	463.928
12)	L3 AR-1232-2	5.950	5.258	1436581	1443644	1265.679	1208.098
13)	L3 AR-1232-3	6.270	5.447	3012304	774284	1257.786	1219.680
14)	L3 AR-1232-4	6.444	5.544	1527233	748051	1295.756	1348.457
15)	L3 AR-1232-5	6.541	5.726	1191474	784144	1483.237	1316.542
16)	L4 AR-1242-1	6.246	5.238	2151747	1037530	684.780	662.791
17)	L4 AR-1242-2	6.270	5.258	3012304	1443644	686.707	661.907
18)	L4 AR-1242-3	6.336	5.447	1817052	774284	684.012	655.144
19)	L4 AR-1242-4	6.444	5.544	1527233	748051	692.174	653.235
20)	L4 AR-1242-5	7.230	6.103	260253	704827	104.803	468.270 #
21)	L5 AR-1248-1	6.246	5.238	2151747	1037530	924.439	864.359
22)	L5 AR-1248-2	6.541	5.500	1191474	632589	388.327	383.521
23)	L5 AR-1248-3	6.759	5.544	1439739	748051	400.442	449.555
24)	L5 AR-1248-4	7.189	5.726	262343	784144	59.211	398.413 #
25)	L5 AR-1248-5	7.230	6.145	260253	103335	61.652	49.471
26)	L6 AR-1254-1	7.159	6.103	1272344	704827	295.216	227.571
27)	L6 AR-1254-2	7.388	6.261	1419583	665817	210.553	247.945
28)	L6 AR-1254-3	7.772	6.679	1205524	603489	174.812	141.531
29)	L6 AR-1254-4	8.067	6.916	637069	190003	105.379	65.188 #
30)	L6 AR-1254-5	8.497	7.341	5416444	2505607	968.973	645.587 #
31)	L7 AR-1260-1	7.939	6.814	3232190	1678552	700.691	619.746
32)	L7 AR-1260-2	8.205	7.010	4492057	2074612	695.992	628.069
33)	L7 AR-1260-3	8.571	7.163	5735762	2006136	1051.992	675.041 #
34)	L7 AR-1260-4	8.803	7.641	5050532	2063570	984.118	793.146
35)	L7 AR-1260-5	9.129	7.889	9954849	4689582	844.517	741.039
36)	L8 AR-1262-1	8.571	7.341	5735762	2505607	657.282	1148.719 #
37)	L8 AR-1262-2	9.129	7.889	9954849	4689582	658.304	611.499
38)	L8 AR-1262-3	9.438	8.173	11410191	3947050	1092.215	1192.705
39)	L8 AR-1262-4	9.533	8.237	9597060	5734834	1298.456	998.783
40)	L8 AR-1262-5	10.195	8.731	6163039	2895092	1188.420	1052.435
41)	L9 AR-1268-1	9.438	8.173	11410191	3947050	605.739	423.052 #

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 Operator : AJ/MA
 Sample : M1247-13MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

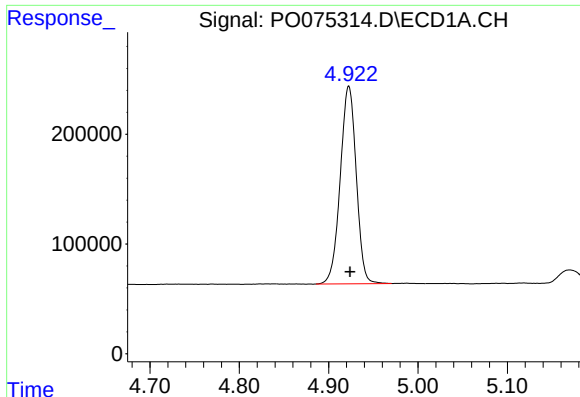
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.533	8.237	9597060	5734834	605.214	684.560
43) L9	AR-1268-3	9.757	8.442	2102984	1020256	151.324	140.926
44) L9	AR-1268-4	10.195	8.731	6163039	2895092	1046.201	918.910
45) L9	AR-1268-5	10.605	9.006	9597921	4687769	229.823	220.954

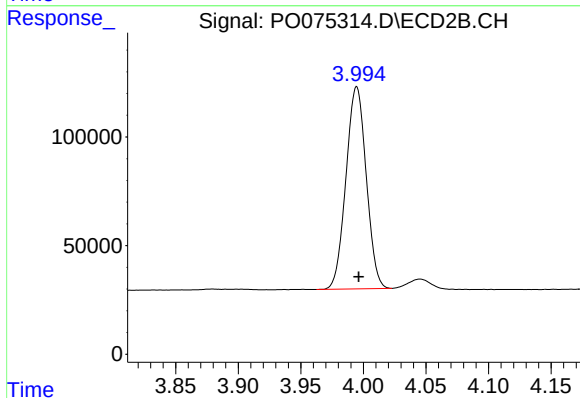
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

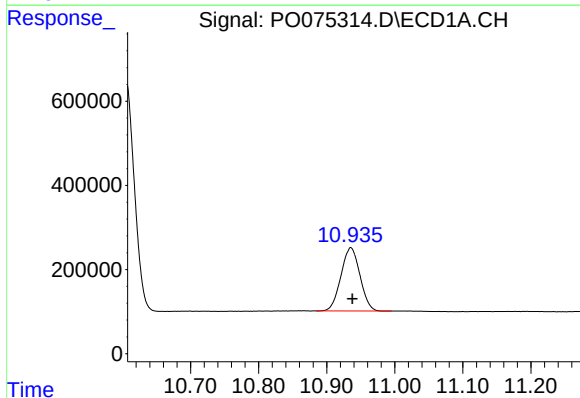
R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 2241639
Conc: 22.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



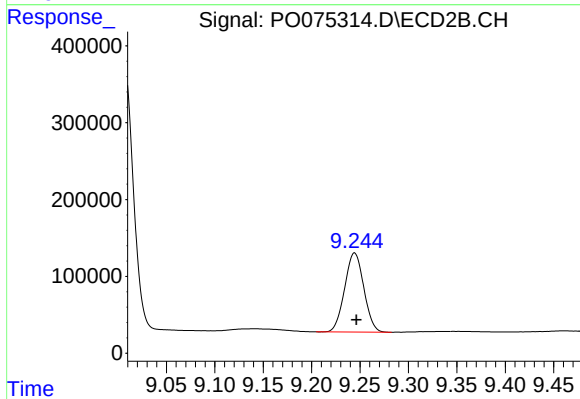
#1 Tetrachloro-m-xylene

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 1048655
Conc: 21.82 ng/ml



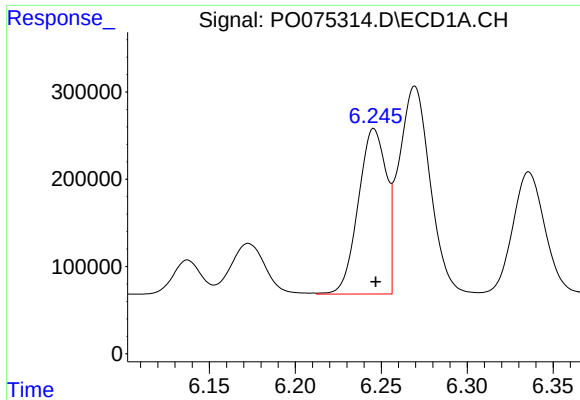
#2 Decachlorobiphenyl

R.T.: 10.935 min
Delta R.T.: -0.002 min
Response: 2921797
Conc: 30.30 ng/ml



#2 Decachlorobiphenyl

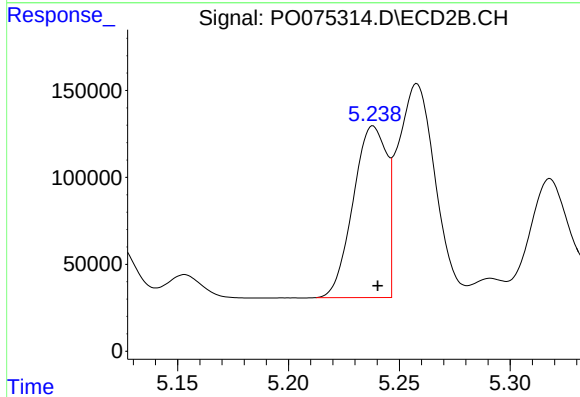
R.T.: 9.244 min
Delta R.T.: -0.002 min
Response: 1421595
Conc: 29.30 ng/ml



#3 AR-1016-1

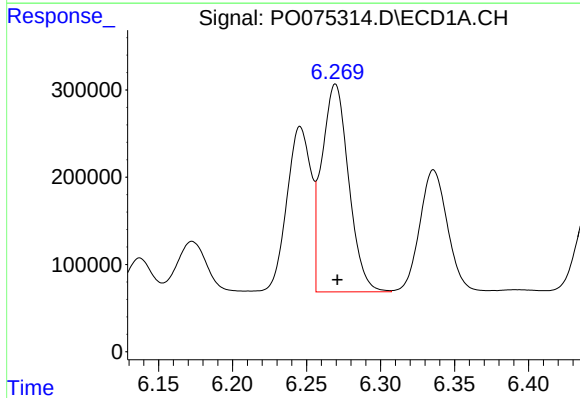
R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 2151747
Conc: 544.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



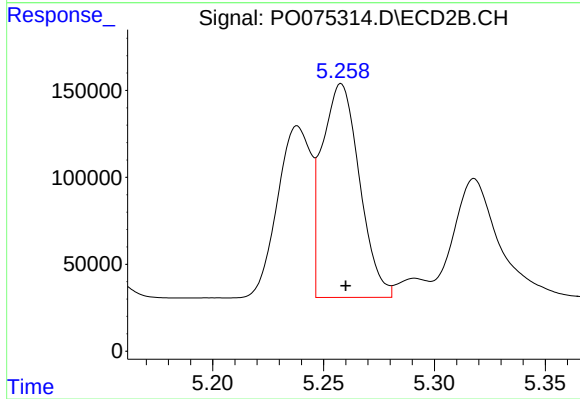
#3 AR-1016-1

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 1037530
Conc: 534.69 ng/ml



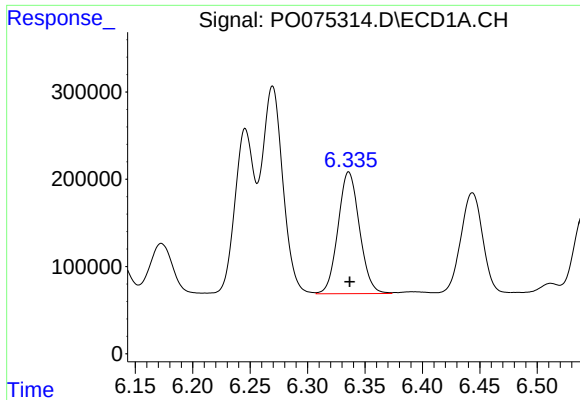
#4 AR-1016-2

R.T.: 6.270 min
Delta R.T.: -0.001 min
Response: 3012304
Conc: 549.42 ng/ml



#4 AR-1016-2

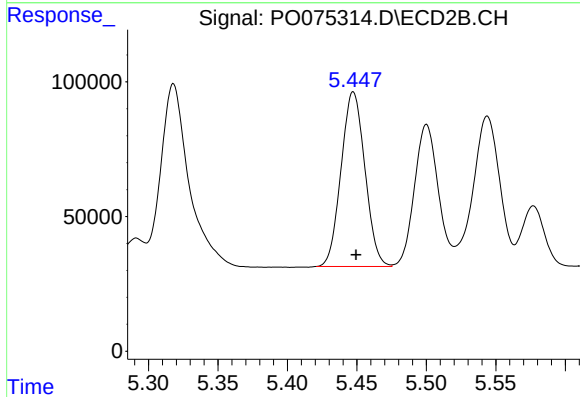
R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 1443644
Conc: 538.39 ng/ml



#5 AR-1016-3

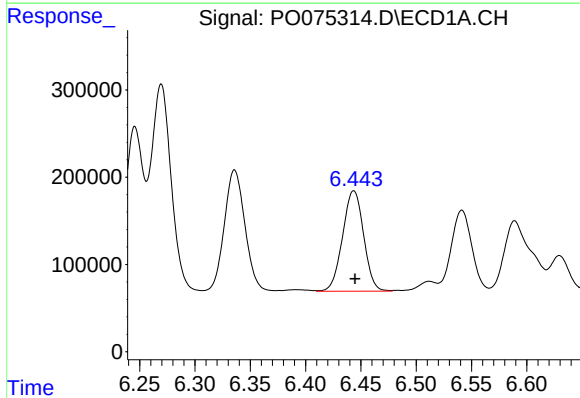
R.T.: 6.336 min
Delta R.T.: -0.001 min
Response: 1817052
Conc: 556.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



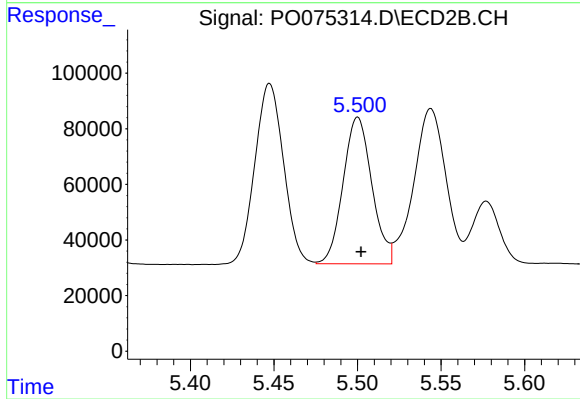
#5 AR-1016-3

R.T.: 5.447 min
Delta R.T.: -0.002 min
Response: 774284
Conc: 539.42 ng/ml



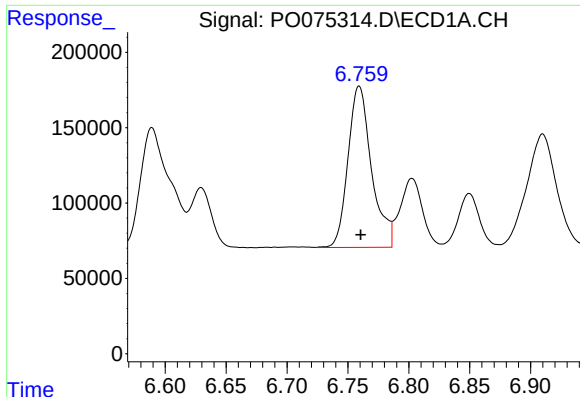
#6 AR-1016-4

R.T.: 6.444 min
Delta R.T.: -0.001 min
Response: 1527233
Conc: 555.30 ng/ml



#6 AR-1016-4

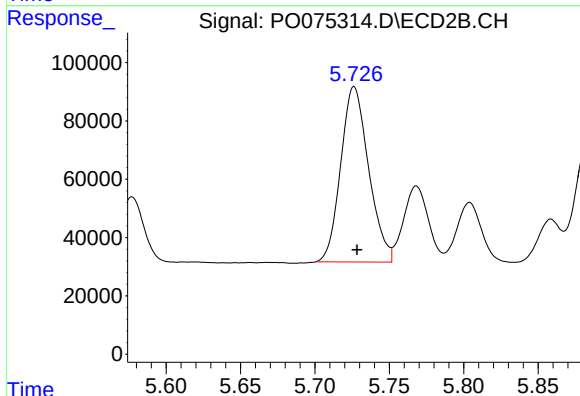
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 632589
Conc: 527.81 ng/ml



#7 AR-1016-5

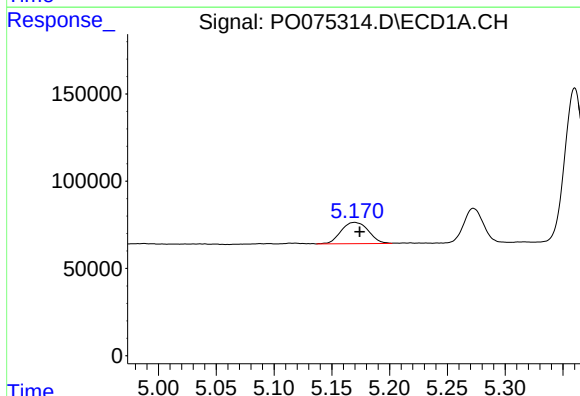
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 1439739
Conc: 540.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



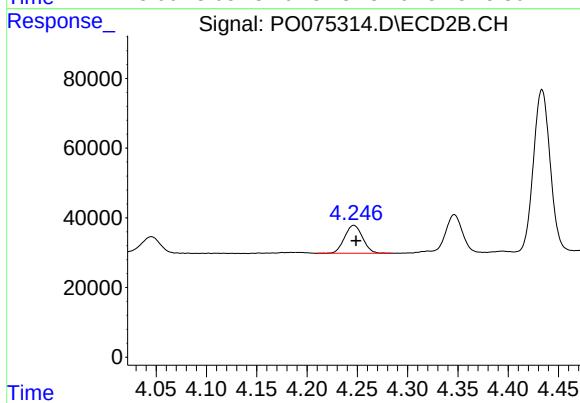
#7 AR-1016-5

R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 784144
Conc: 538.07 ng/ml



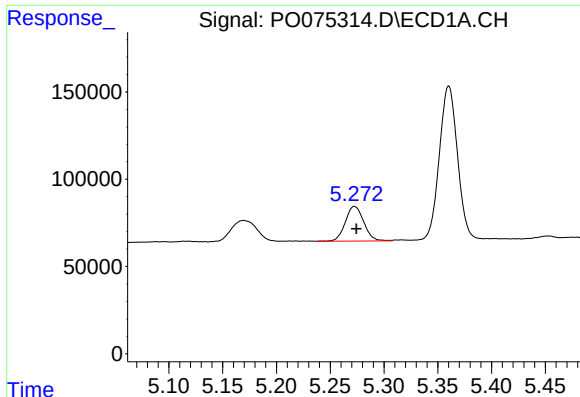
#8 AR-1221-1

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 201560
Conc: 168.59 ng/ml



#8 AR-1221-1

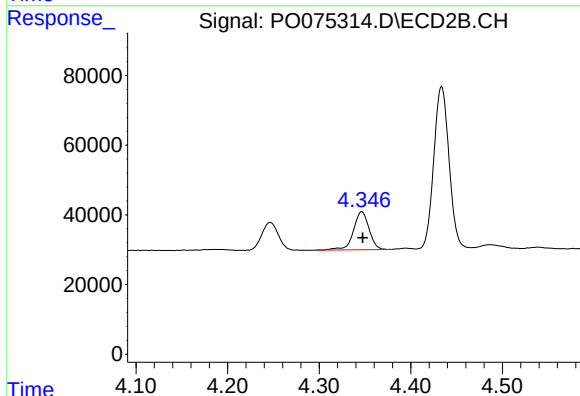
R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 99902
Conc: 160.24 ng/ml



#9 AR-1221-2

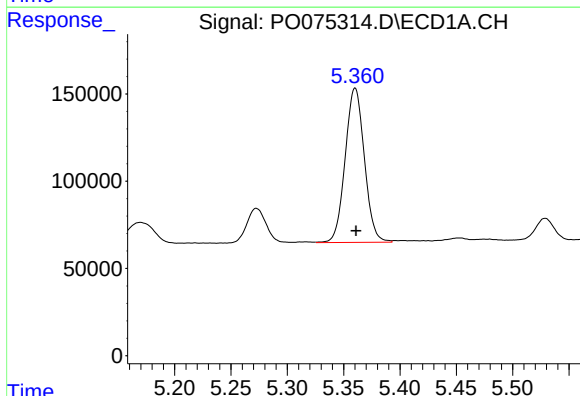
R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 237335
Conc: 268.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



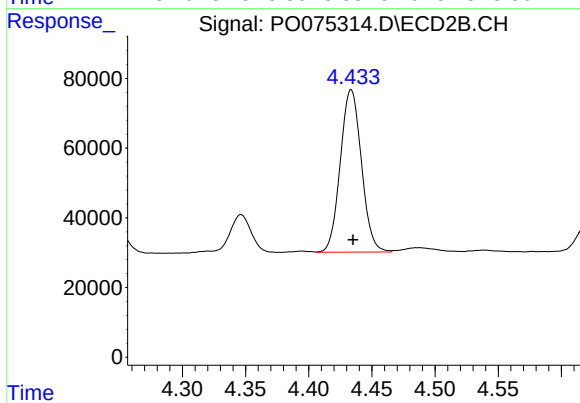
#9 AR-1221-2

R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 129956
Conc: 279.39 ng/ml



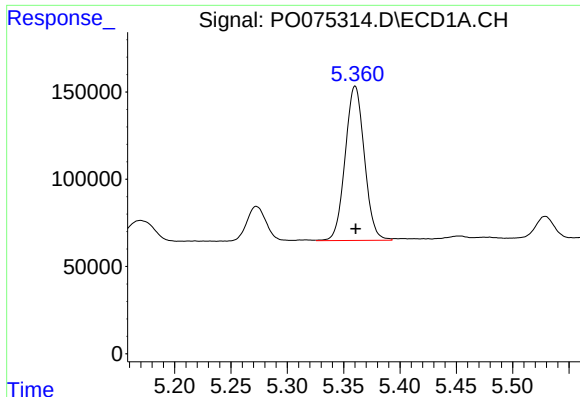
#10 AR-1221-3

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 1048960
Conc: 379.91 ng/ml



#10 AR-1221-3

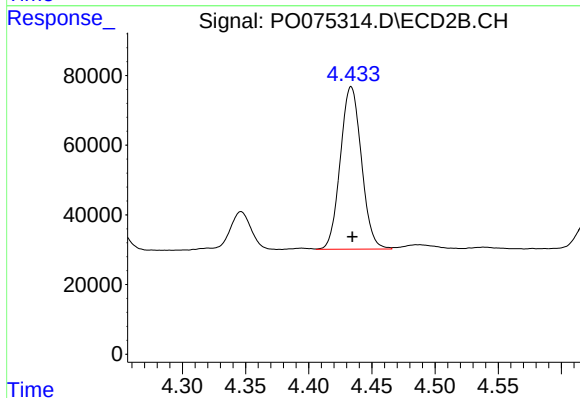
R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 542588
Conc: 384.78 ng/ml



#11 AR-1232-1

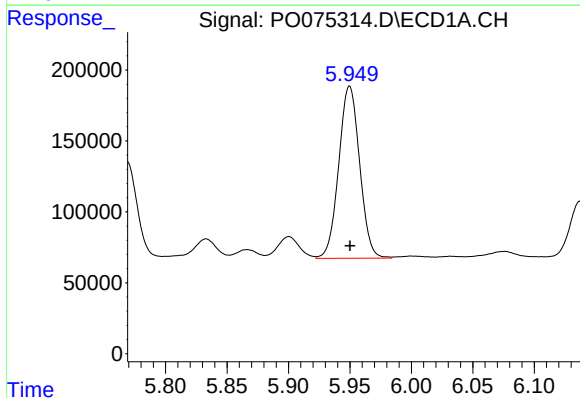
R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 1048960
Conc: 466.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



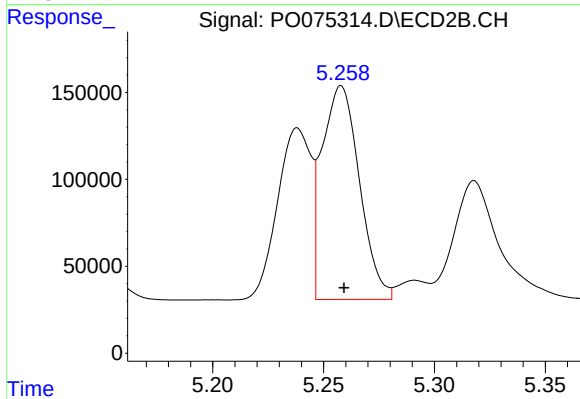
#11 AR-1232-1

R.T.: 4.434 min
Delta R.T.: -0.001 min
Response: 542588
Conc: 463.93 ng/ml



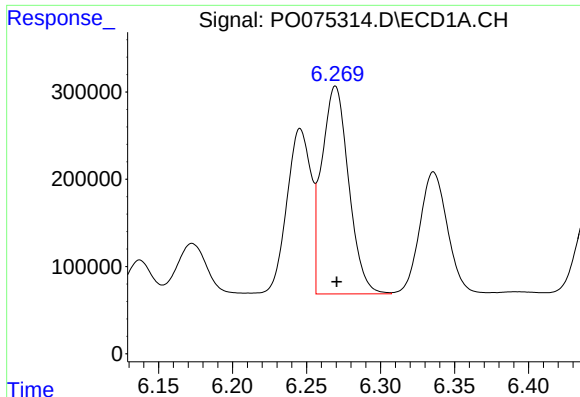
#12 AR-1232-2

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 1436581
Conc: 1265.68 ng/ml



#12 AR-1232-2

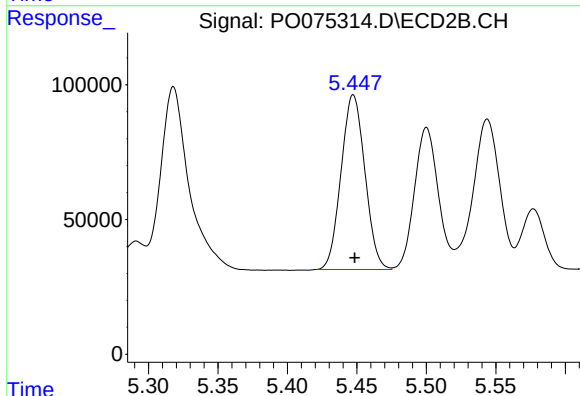
R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 1443644
Conc: 1208.10 ng/ml



#13 AR-1232-3

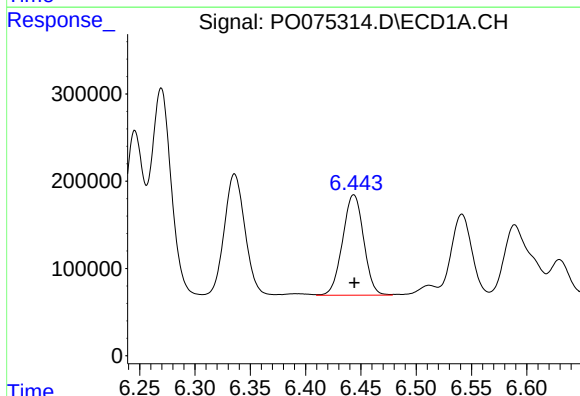
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 3012304
Conc: 1257.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



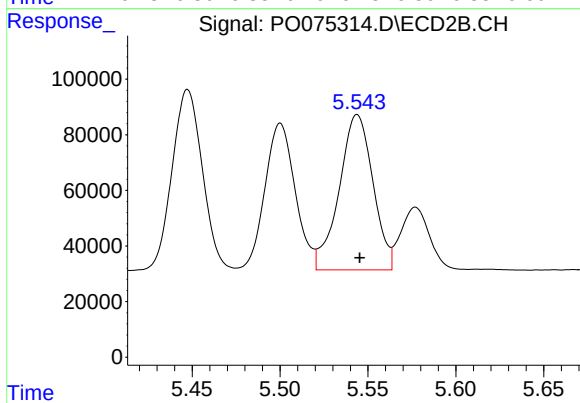
#13 AR-1232-3

R.T.: 5.447 min
Delta R.T.: -0.001 min
Response: 774284
Conc: 1219.68 ng/ml



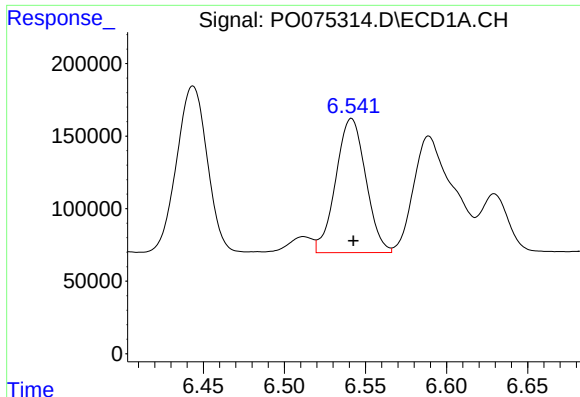
#14 AR-1232-4

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 1527233
Conc: 1295.76 ng/ml



#14 AR-1232-4

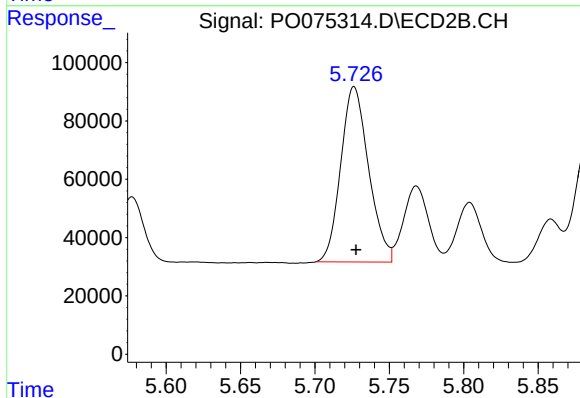
R.T.: 5.544 min
Delta R.T.: -0.001 min
Response: 748051
Conc: 1348.46 ng/ml



#15 AR-1232-5

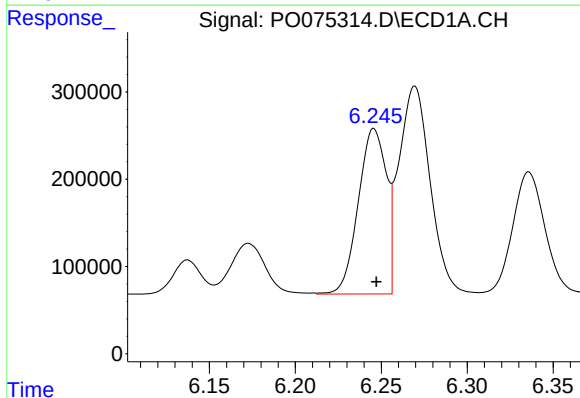
R.T.: 6.541 min
Delta R.T.: -0.001 min
Response: 1191474
Conc: 1483.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



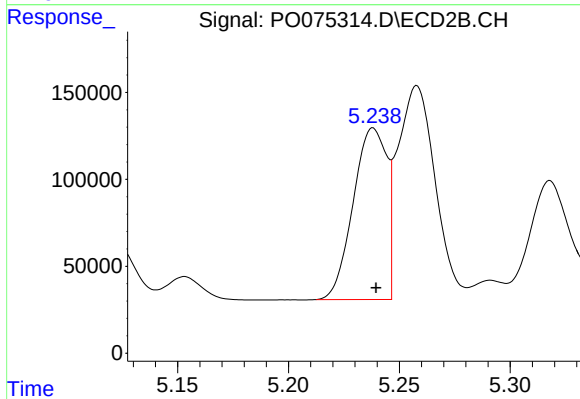
#15 AR-1232-5

R.T.: 5.726 min
Delta R.T.: -0.001 min
Response: 784144
Conc: 1316.54 ng/ml



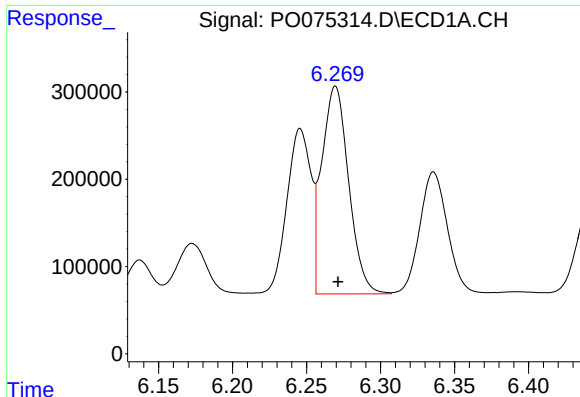
#16 AR-1242-1

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 2151747
Conc: 684.78 ng/ml



#16 AR-1242-1

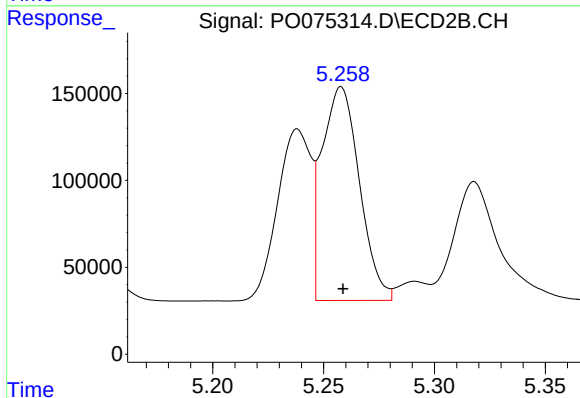
R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 1037530
Conc: 662.79 ng/ml



#17 AR-1242-2

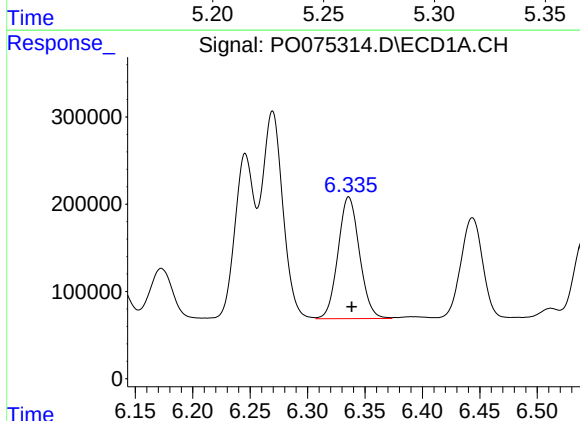
R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 3012304
Conc: 686.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



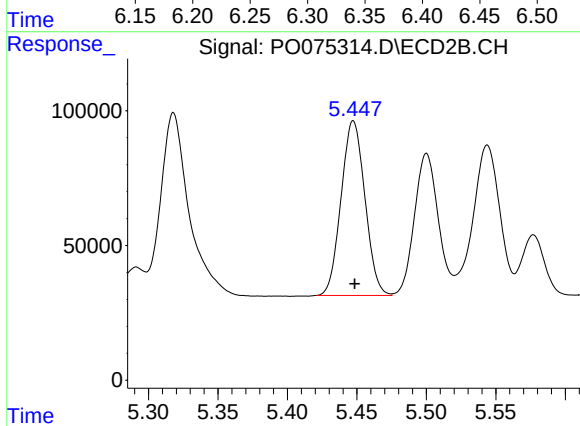
#17 AR-1242-2

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 1443644
Conc: 661.91 ng/ml



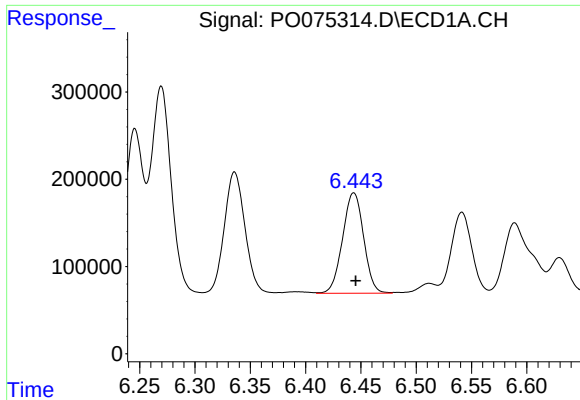
#18 AR-1242-3

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 1817052
Conc: 684.01 ng/ml



#18 AR-1242-3

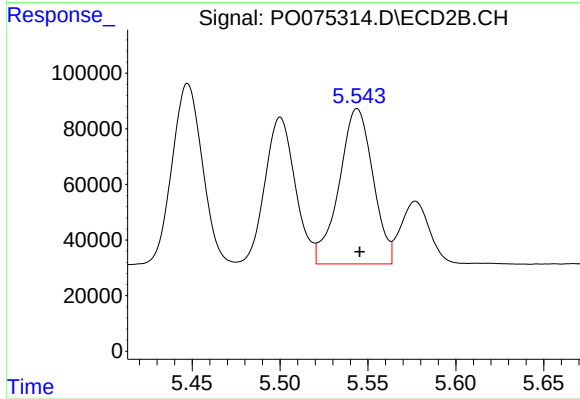
R.T.: 5.447 min
Delta R.T.: -0.001 min
Response: 774284
Conc: 655.14 ng/ml



#19 AR-1242-4

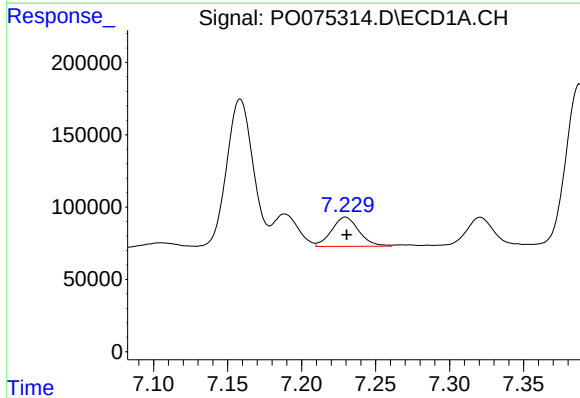
R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 1527233
Conc: 692.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



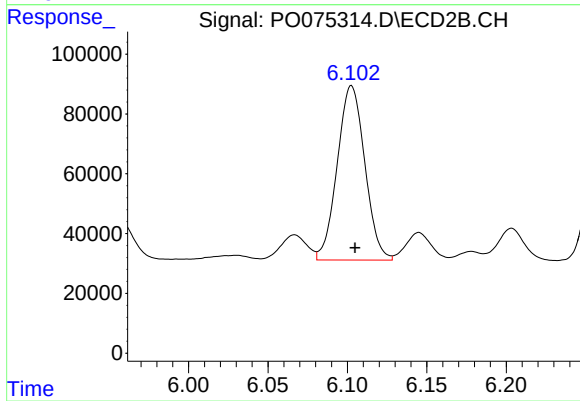
#19 AR-1242-4

R.T.: 5.544 min
Delta R.T.: -0.002 min
Response: 748051
Conc: 653.24 ng/ml



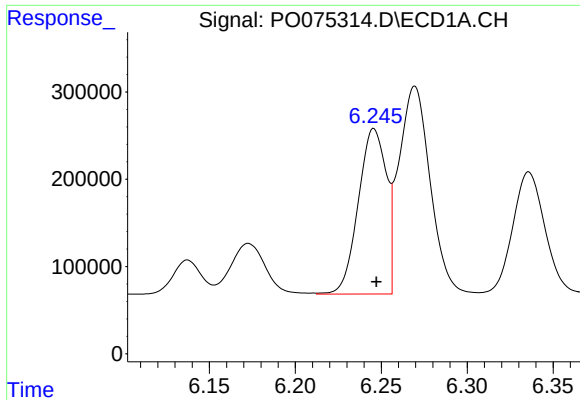
#20 AR-1242-5

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 260253
Conc: 104.80 ng/ml



#20 AR-1242-5

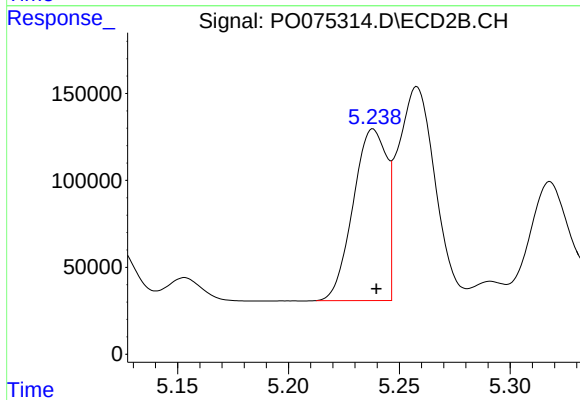
R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 704827
Conc: 468.27 ng/ml



#21 AR-1248-1

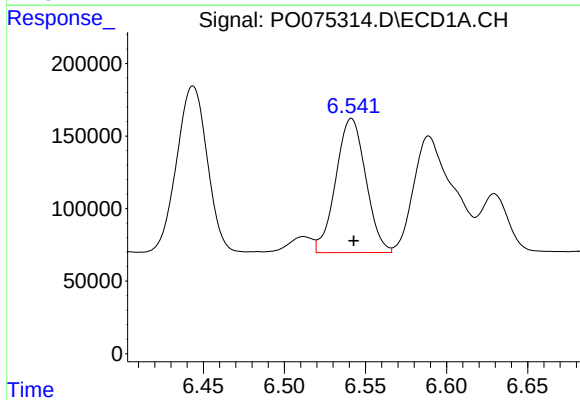
R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 2151747
Conc: 924.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



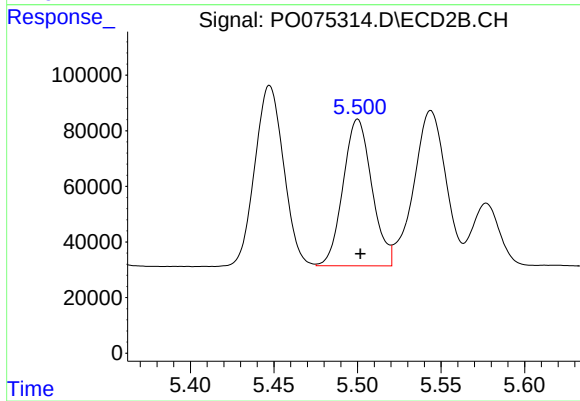
#21 AR-1248-1

R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 1037530
Conc: 864.36 ng/ml



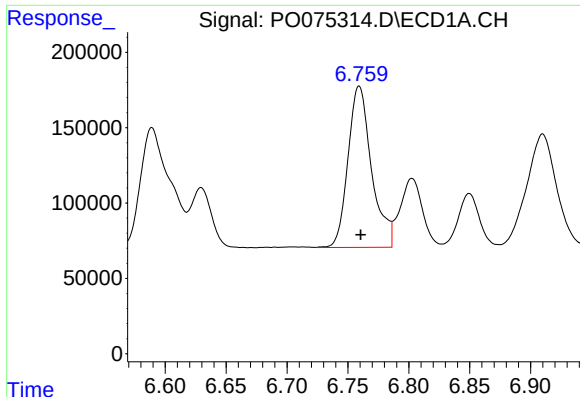
#22 AR-1248-2

R.T.: 6.541 min
Delta R.T.: -0.001 min
Response: 1191474
Conc: 388.33 ng/ml



#22 AR-1248-2

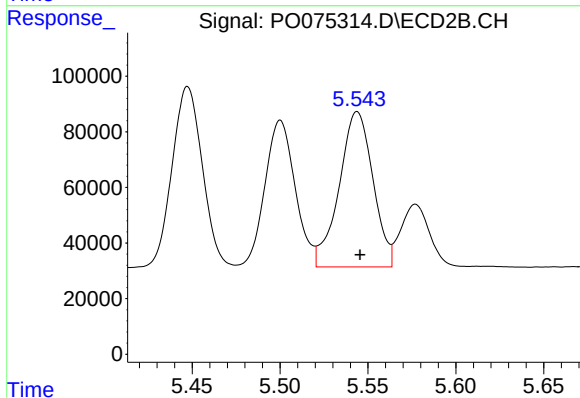
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 632589
Conc: 383.52 ng/ml



#23 AR-1248-3

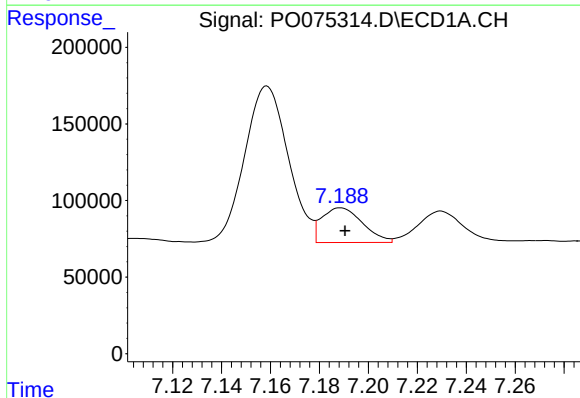
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 1439739
Conc: 400.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



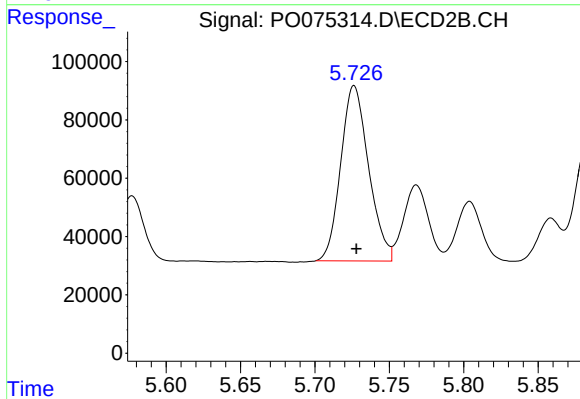
#23 AR-1248-3

R.T.: 5.544 min
Delta R.T.: -0.002 min
Response: 748051
Conc: 449.55 ng/ml



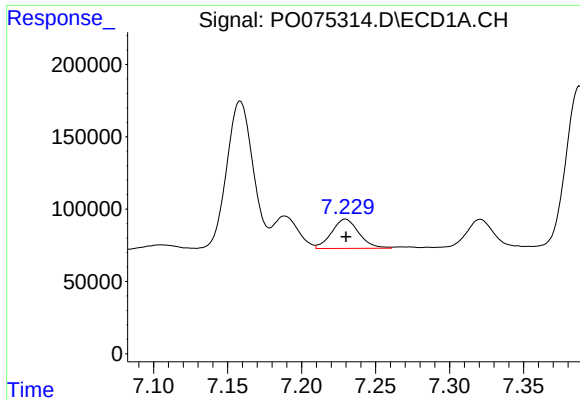
#24 AR-1248-4

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 262343
Conc: 59.21 ng/ml



#24 AR-1248-4

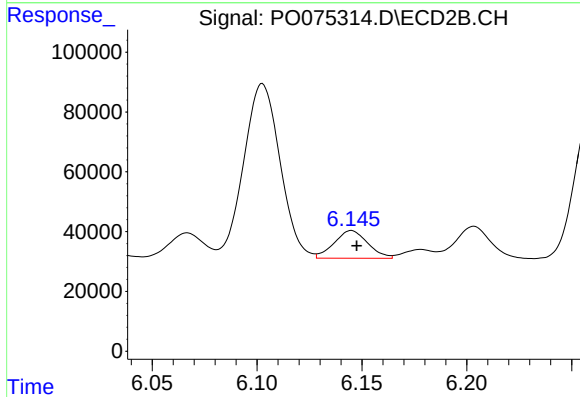
R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 784144
Conc: 398.41 ng/ml



#25 AR-1248-5

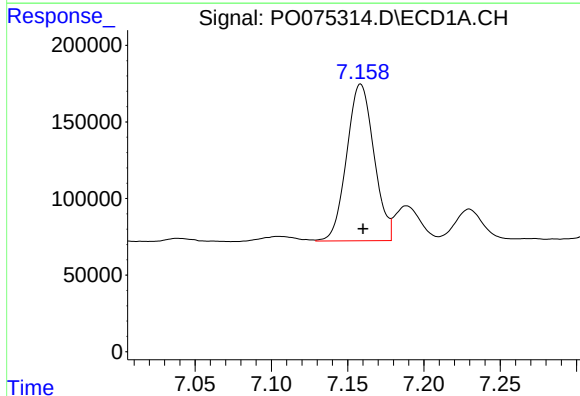
R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 260253
Conc: 61.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



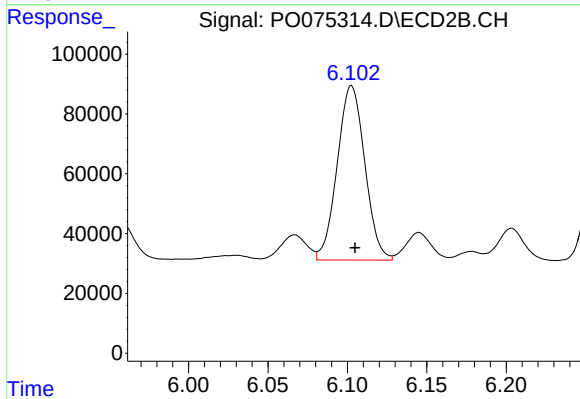
#25 AR-1248-5

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 103335
Conc: 49.47 ng/ml



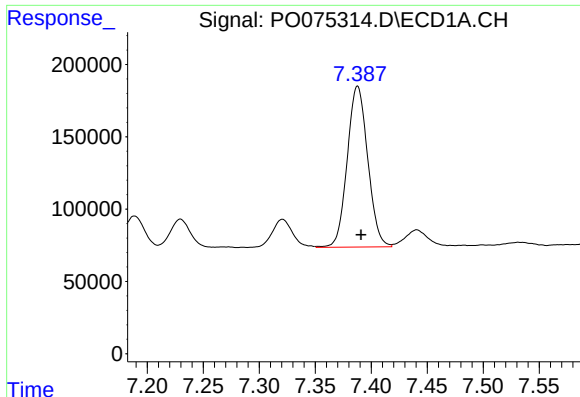
#26 AR-1254-1

R.T.: 7.159 min
Delta R.T.: -0.002 min
Response: 1272344
Conc: 295.22 ng/ml



#26 AR-1254-1

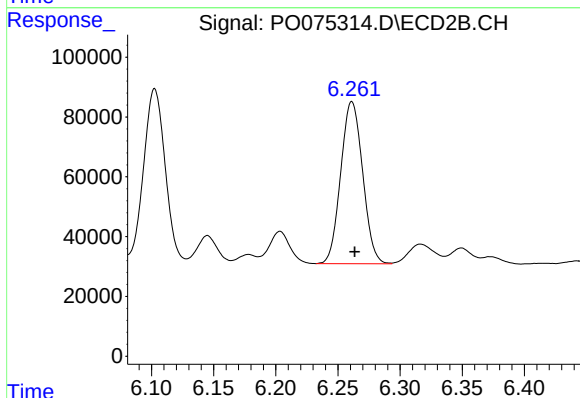
R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 704827
Conc: 227.57 ng/ml



#27 AR-1254-2

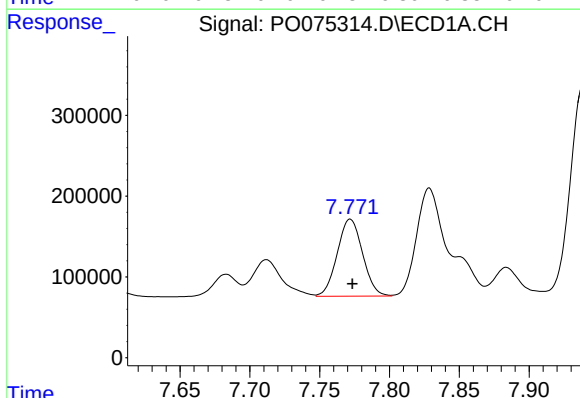
R.T.: 7.388 min
Delta R.T.: -0.003 min
Response: 1419583
Conc: 210.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



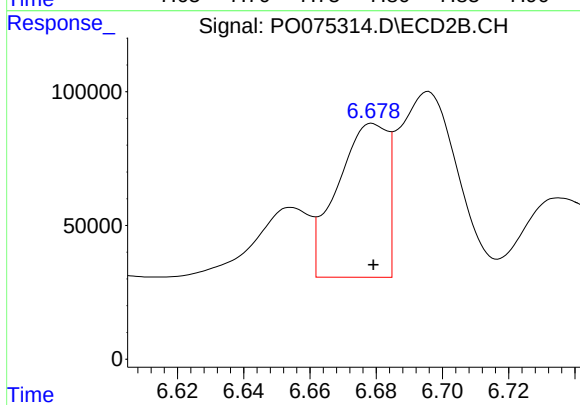
#27 AR-1254-2

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 665817
Conc: 247.95 ng/ml



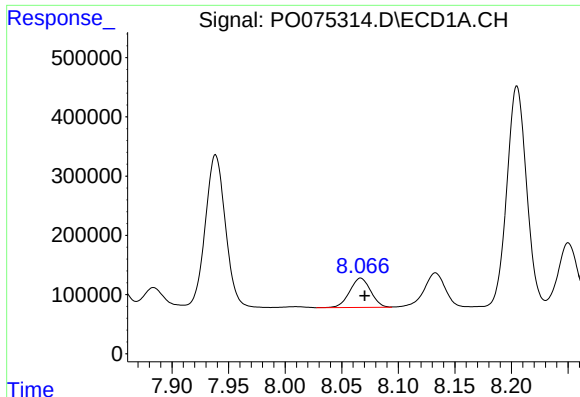
#28 AR-1254-3

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 1205524
Conc: 174.81 ng/ml



#28 AR-1254-3

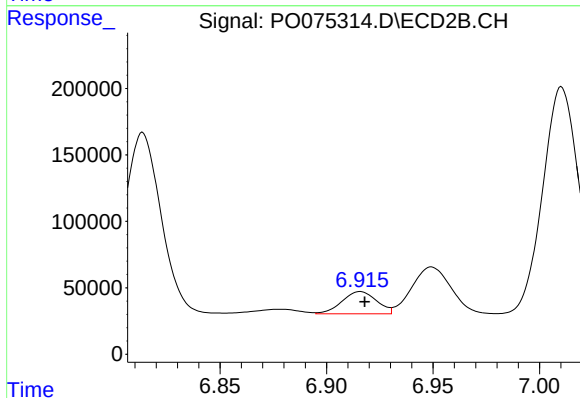
R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 603489
Conc: 141.53 ng/ml



#29 AR-1254-4

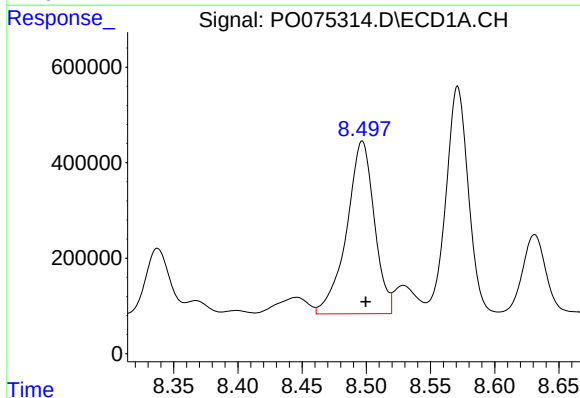
R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 637069
Conc: 105.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



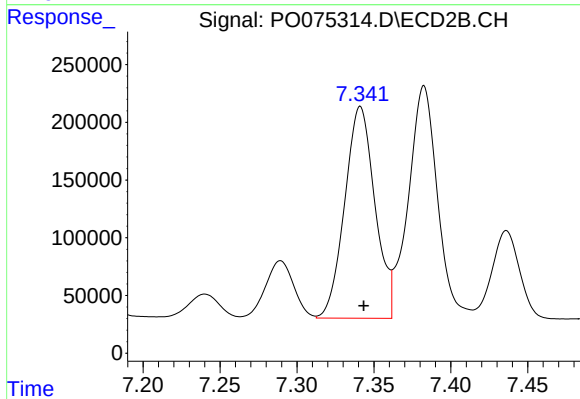
#29 AR-1254-4

R.T.: 6.916 min
Delta R.T.: -0.002 min
Response: 190003
Conc: 65.19 ng/ml



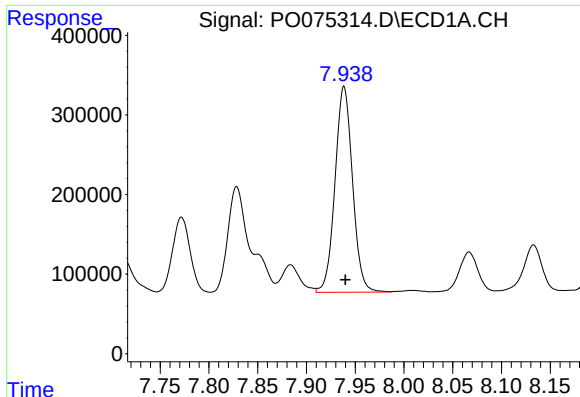
#30 AR-1254-5

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 5416444
Conc: 968.97 ng/ml



#30 AR-1254-5

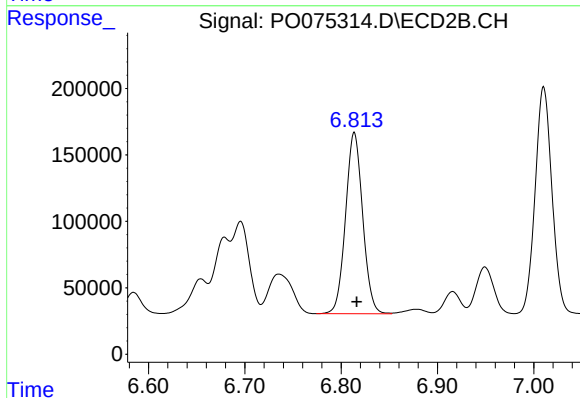
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 2505607
Conc: 645.59 ng/ml



#31 AR-1260-1

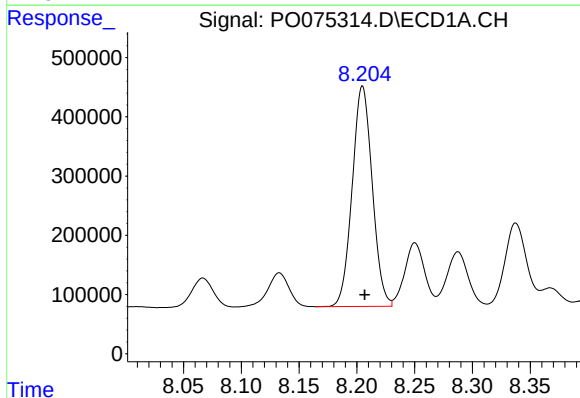
R.T.: 7.939 min
Delta R.T.: -0.001 min
Response: 3232190
Conc: 700.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



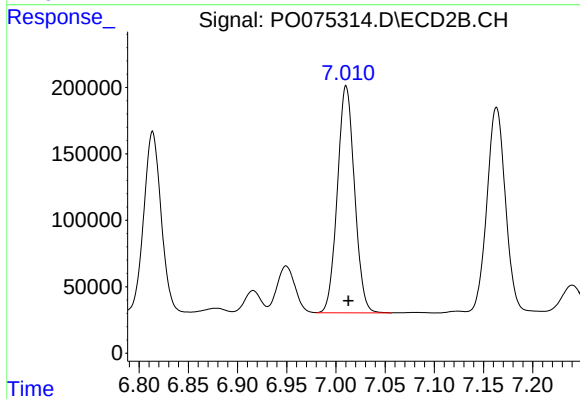
#31 AR-1260-1

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 1678552
Conc: 619.75 ng/ml



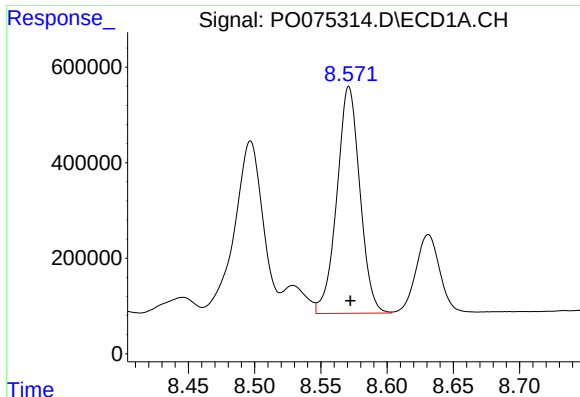
#32 AR-1260-2

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 4492057
Conc: 695.99 ng/ml



#32 AR-1260-2

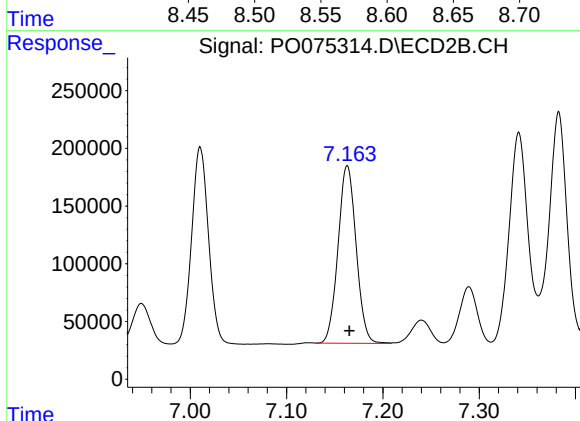
R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 2074612
Conc: 628.07 ng/ml



#33 AR-1260-3

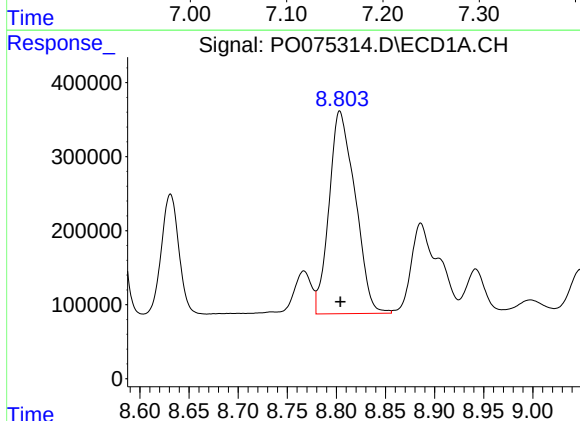
R.T.: 8.571 min
Delta R.T.: -0.001 min
Response: 5735762
Conc: 1051.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



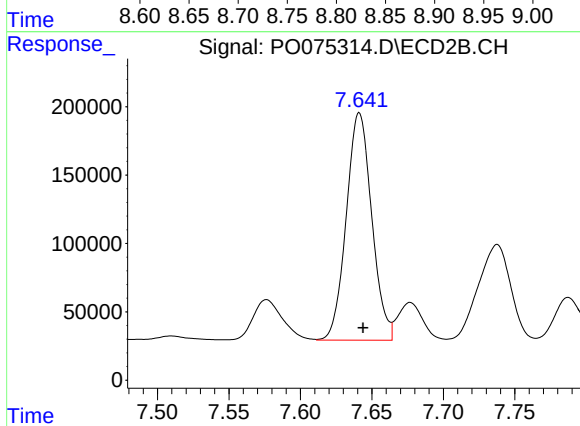
#33 AR-1260-3

R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 2006136
Conc: 675.04 ng/ml



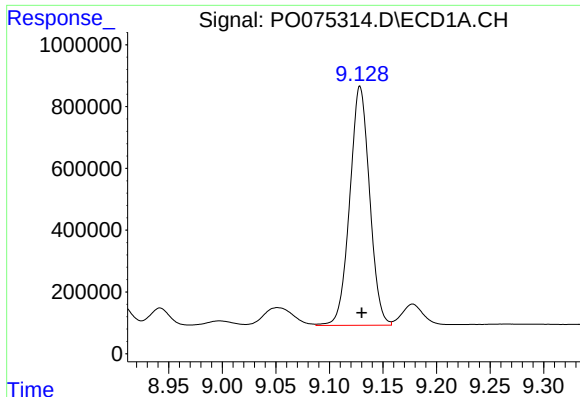
#34 AR-1260-4

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 5050532
Conc: 984.12 ng/ml



#34 AR-1260-4

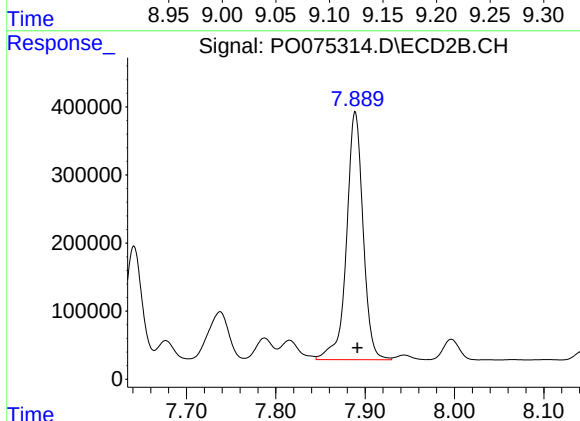
R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 2063570
Conc: 793.15 ng/ml



#35 AR-1260-5

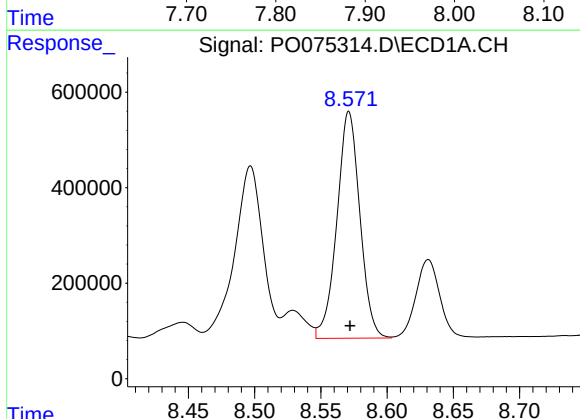
R.T.: 9.129 min
Delta R.T.: -0.002 min
Response: 9954849
Conc: 844.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



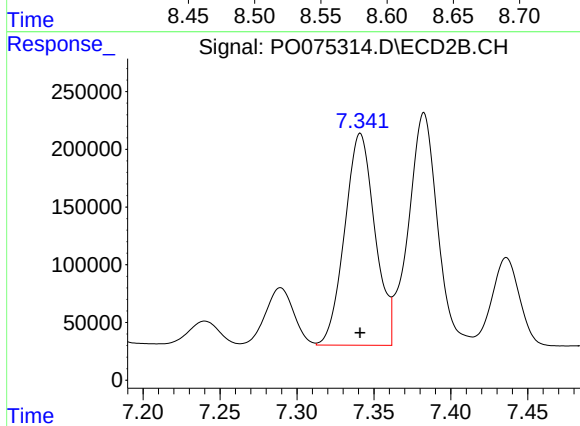
#35 AR-1260-5

R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 4689582
Conc: 741.04 ng/ml



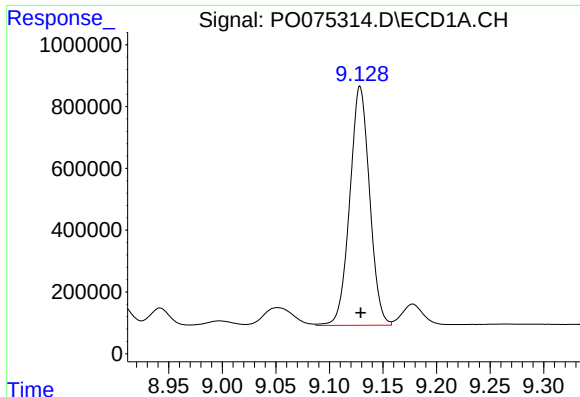
#36 AR-1262-1

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 5735762
Conc: 657.28 ng/ml



#36 AR-1262-1

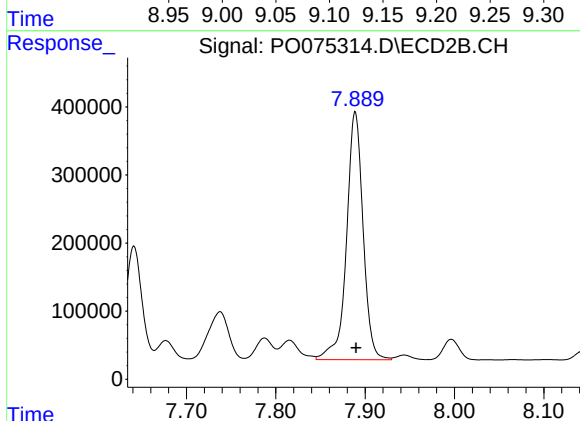
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 2505607
Conc: 1148.72 ng/ml



#37 AR-1262-2

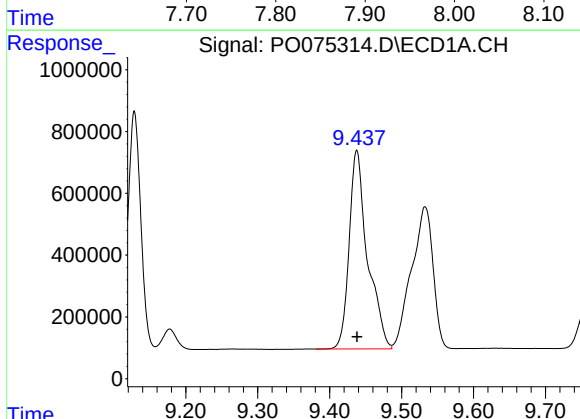
R.T.: 9.129 min
Delta R.T.: 0.000 min
Response: 9954849
Conc: 658.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



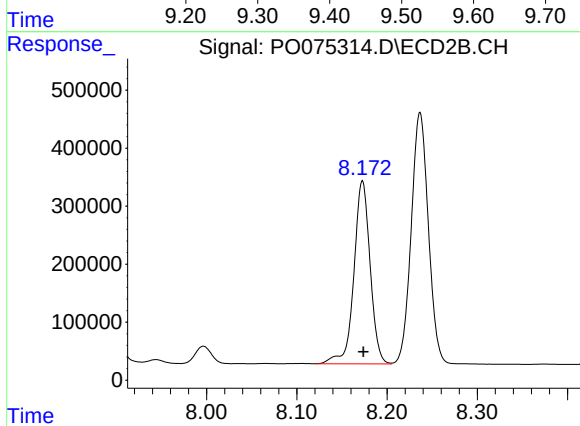
#37 AR-1262-2

R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 4689582
Conc: 611.50 ng/ml



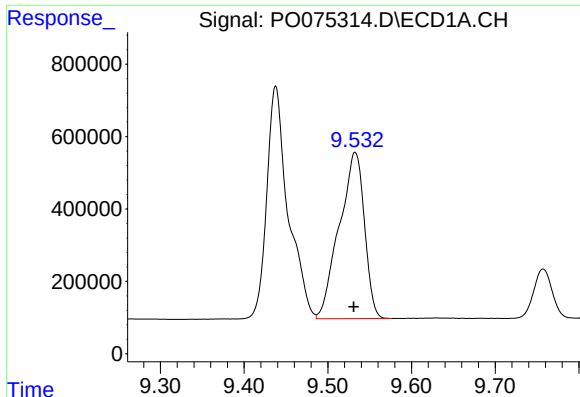
#38 AR-1262-3

R.T.: 9.438 min
Delta R.T.: 0.000 min
Response: 11410191
Conc: 1092.21 ng/ml



#38 AR-1262-3

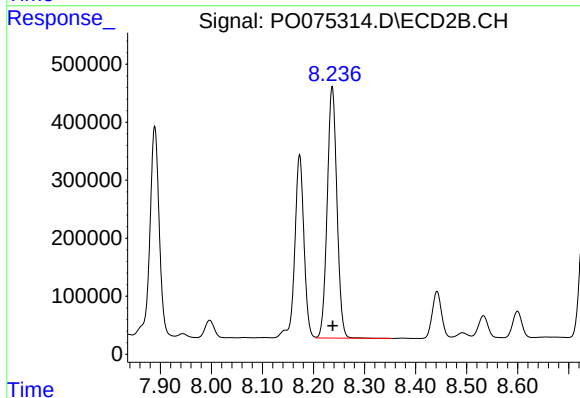
R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 3947050
Conc: 1192.71 ng/ml



#39 AR-1262-4

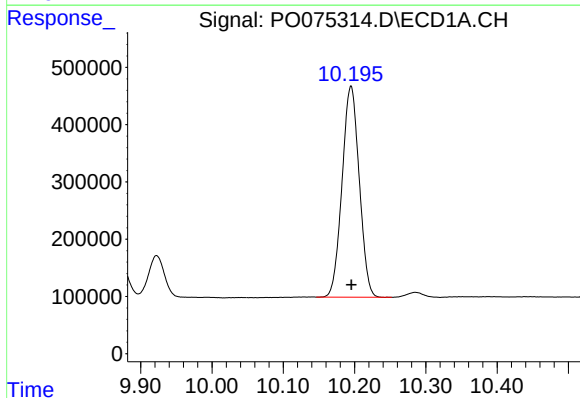
R.T.: 9.533 min
Delta R.T.: 0.001 min
Response: 9597060
Conc: 1298.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



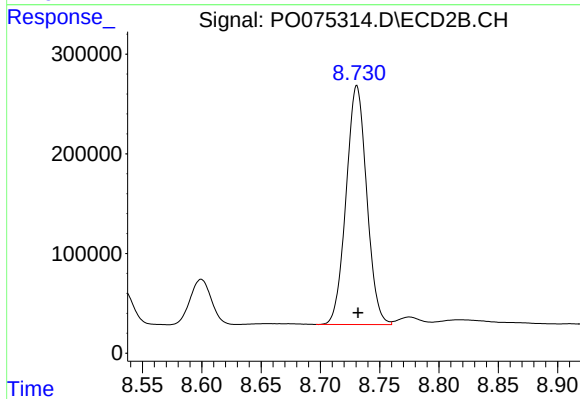
#39 AR-1262-4

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 5734834
Conc: 998.78 ng/ml



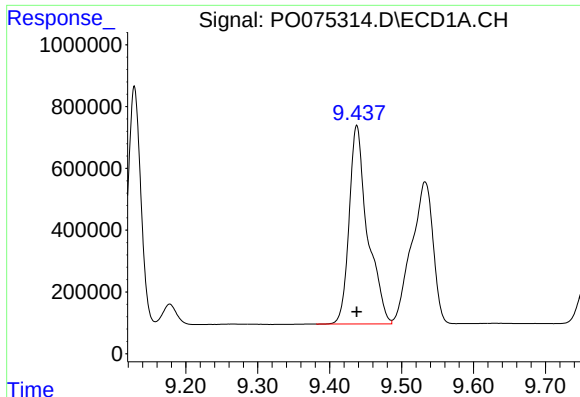
#40 AR-1262-5

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 6163039
Conc: 1188.42 ng/ml



#40 AR-1262-5

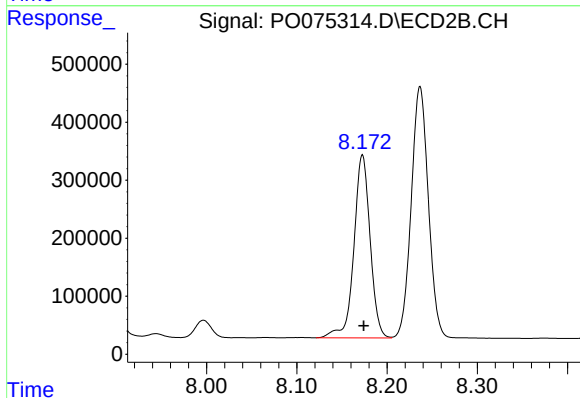
R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 2895092
Conc: 1052.43 ng/ml



#41 AR-1268-1

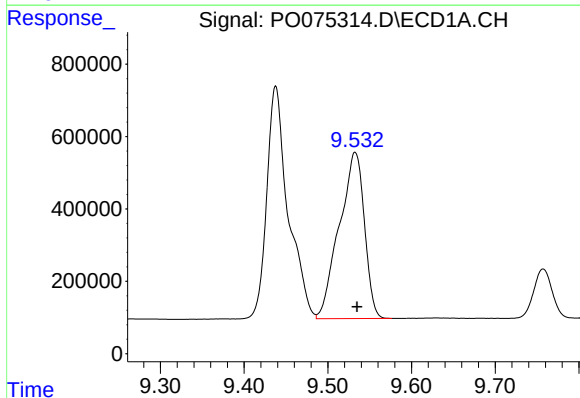
R.T.: 9.438 min
Delta R.T.: 0.000 min
Response: 11410191
Conc: 605.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



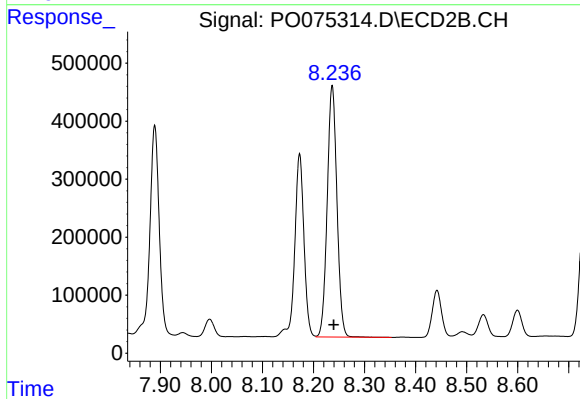
#41 AR-1268-1

R.T.: 8.173 min
Delta R.T.: -0.001 min
Response: 3947050
Conc: 423.05 ng/ml



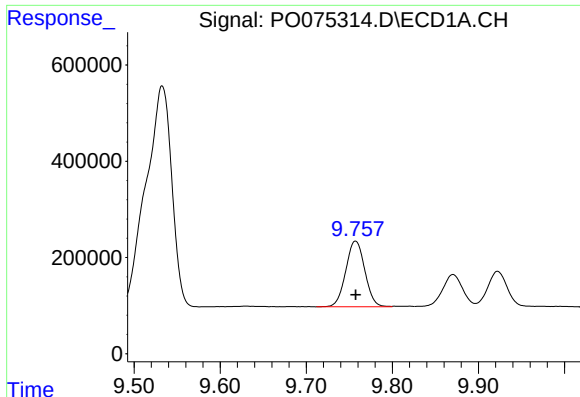
#42 AR-1268-2

R.T.: 9.533 min
Delta R.T.: -0.003 min
Response: 9597060
Conc: 605.21 ng/ml



#42 AR-1268-2

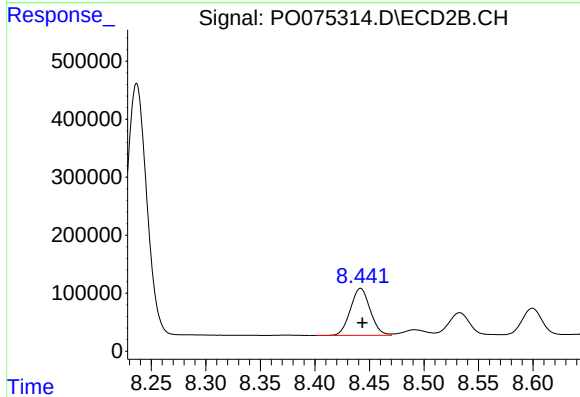
R.T.: 8.237 min
Delta R.T.: -0.003 min
Response: 5734834
Conc: 684.56 ng/ml



#43 AR-1268-3

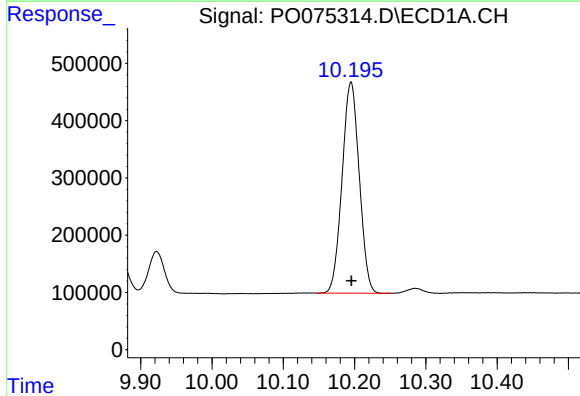
R.T.: 9.757 min
Delta R.T.: 0.000 min
Response: 2102984
Conc: 151.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



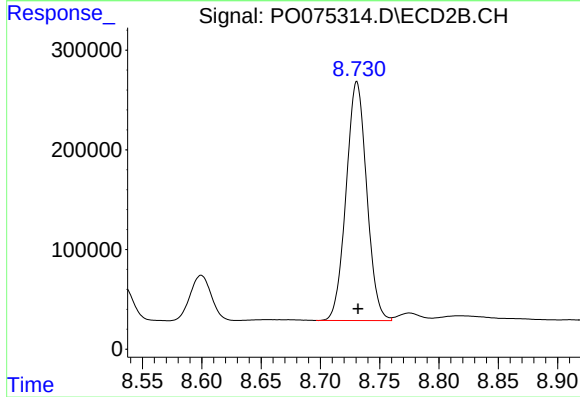
#43 AR-1268-3

R.T.: 8.442 min
Delta R.T.: -0.002 min
Response: 1020256
Conc: 140.93 ng/ml



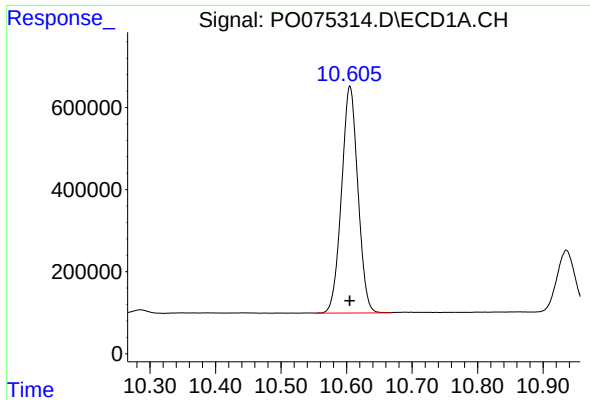
#44 AR-1268-4

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 6163039
Conc: 1046.20 ng/ml



#44 AR-1268-4

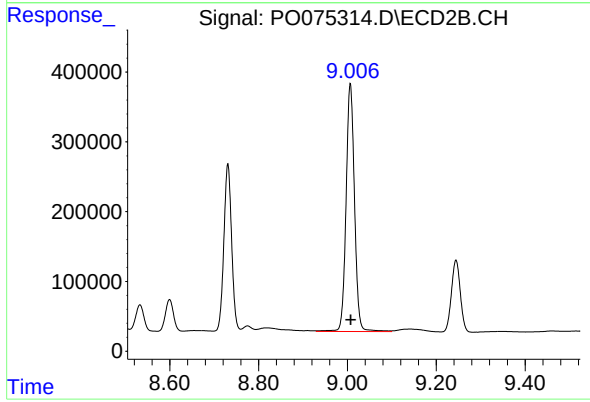
R.T.: 8.731 min
Delta R.T.: 0.000 min
Response: 2895092
Conc: 918.91 ng/ml



#45 AR-1268-5

R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 9597921
Conc: 229.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.006 min
Delta R.T.: -0.001 min
Response: 4687769
Conc: 220.95 ng/ml