

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122019\
 Data File : PO064812.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Dec 2019 9:37
 Operator : SM/AJ
 Sample : K6359-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 10:10:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 13 08:19:24 2019
 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...	4.201	3.462	524316	655611	21.537	25.863
2)	SA Decachlor...	9.725	8.383	593761	855954	19.347	24.647 #
Target Compounds							
3)	L1 AR-1016-1	5.355	4.528	66323	80101	66.467	74.066
4)	L1 AR-1016-2	5.355	4.546	66323	119152	45.668	79.229 #
5)	L1 AR-1016-3	5.436	4.719	69001	78127	77.985	100.503 #
6)	L1 AR-1016-4	5.534	4.761	51687	72792	71.359	110.712 #
7)	L1 AR-1016-5	5.824	4.970	80635	83764	110.645	95.997
10)	L2 AR-1221-3	0.000	3.872	0	146752	N.D.	207.705 #
11)	L3 AR-1232-1	0.000	3.872	0	146752	N.D.	131.261 #
12)	L3 AR-1232-2	5.057	4.546	199743	119152	390.958	99.022 #
13)	L3 AR-1232-3	5.355	4.719	66323	78127	59.321	125.526 #
14)	L3 AR-1232-4	5.534	4.802	51687	44414	92.975	77.960
15)	L3 AR-1232-5	5.623	4.970	59959	83764	144.482	131.976
16)	L4 AR-1242-1	5.355	4.528	66323	80101	84.632	92.184
17)	L4 AR-1242-2	5.355	4.546	66323	119152	58.776	99.834 #
18)	L4 AR-1242-3	5.436	4.719	69001	78127	99.098	123.203
19)	L4 AR-1242-4	5.534	4.802	51687	44414	91.679	68.234 #
20)	L4 AR-1242-5	6.223	5.318	100235	528210	143.824	594.195 #
21)	L5 AR-1248-1	5.355	4.528	66323	80101	102.765	111.902
22)	L5 AR-1248-2	5.623	4.761	59959	72792	64.885	74.134
23)	L5 AR-1248-3	5.824	4.802	80635	44414	75.901	43.649 #
24)	L5 AR-1248-4	6.196	4.970	360572	83764	276.491	65.084 #
25)	L5 AR-1248-5	6.223	5.318	100235	528210	80.553	277.853 #
26)	L6 AR-1254-1	6.196	5.318	360572	528210	283.126	260.109
27)	L6 AR-1254-2	6.414	5.465	549290	541070	264.076	296.740
28)	L6 AR-1254-3	6.776	5.844	420221	363940	175.987	117.157 #
29)	L6 AR-1254-4	7.023	6.091	101195	287789	54.117	140.109 #
30)	L6 AR-1254-5	7.426	6.504	334871	4235848	159.157	1419.099 #
31)	L7 AR-1260-1	6.887	5.993	286291	2351592	186.350	1273.540 #
32)	L7 AR-1260-2	7.193	6.181	2299209	3278913	1164.747	1409.311
33)	L7 AR-1260-3	7.504	6.331	371086	3123172	246.961	1475.059 #
34)	L7 AR-1260-4	7.735	6.799	446142	3269222	241.520	1735.350 #
35)	L7 AR-1260-5	8.077	7.040	6030352	8940439	1615.977	1906.268
36)	L8 AR-1262-1	7.504	6.596	371086	1528024	161.381	1331.901 #
37)	L8 AR-1262-2	8.077	7.040	6030352	8940439	1389.281	1636.149
38)	L8 AR-1262-3	8.378	7.321	3961934	1714215	1361.495	823.029 #
39)	L8 AR-1262-4	8.430	7.384	1416949	6717087	654.682	1687.255 #
40)	L8 AR-1262-5	8.986	7.877	28556	2011091	19.468	1153.426 #
41)	L9 AR-1268-1	8.378	7.321	3961934	1714215	766.616	268.076 #
42)	L9 AR-1268-2	8.430	7.384	1416949	6717087	301.322	1152.463 #
43)	L9 AR-1268-3	8.657	7.589	76840	89531	19.933	18.744

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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
44) L9	AR-1268-4	8.986	7.877	28556	2011091	16.986	999.104 #
45) L9	AR-1268-5	9.423	8.149	340655	437089	28.707	30.214

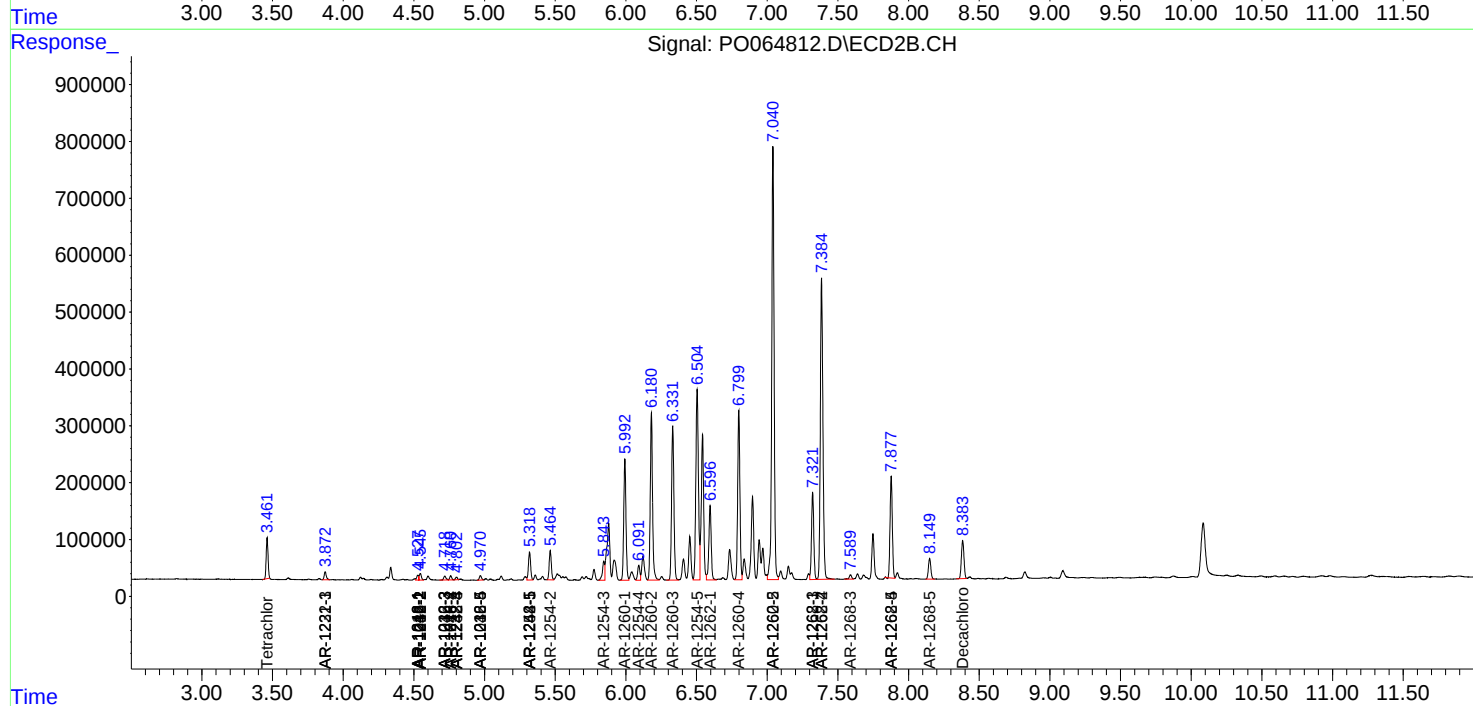
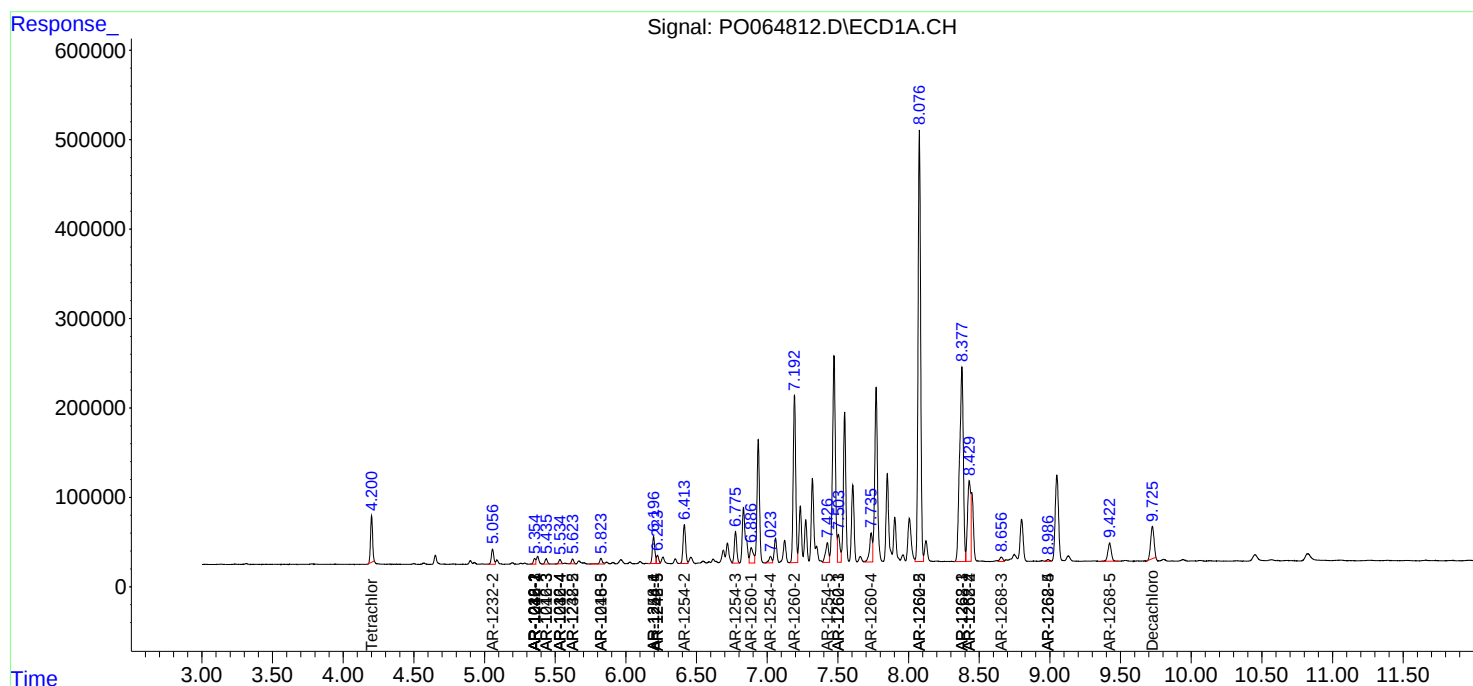
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

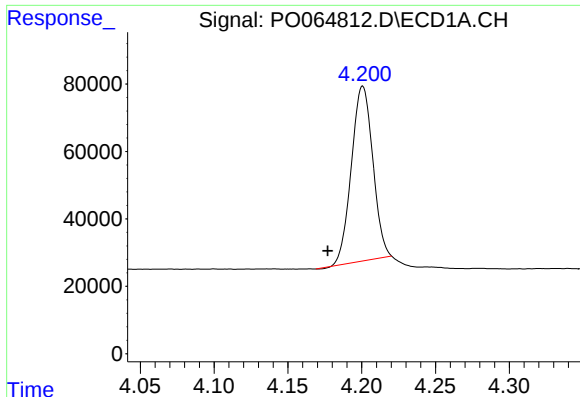
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Data File : P0064812.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

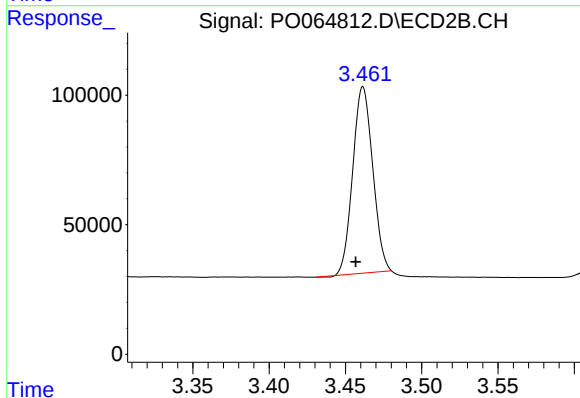




#1 Tetrachloro-m-xylene

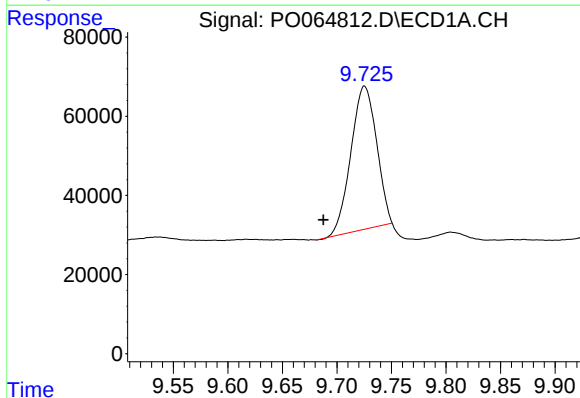
R.T.: 4.201 min
Delta R.T.: 0.024 min
Response: 524316
Conc: 21.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



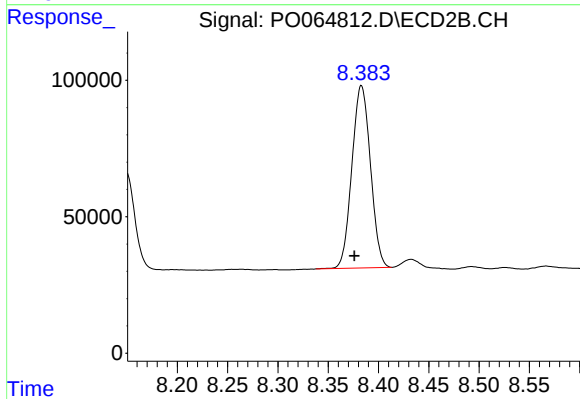
#1 Tetrachloro-m-xylene

R.T.: 3.462 min
Delta R.T.: 0.005 min
Response: 655611
Conc: 25.86 ng/ml



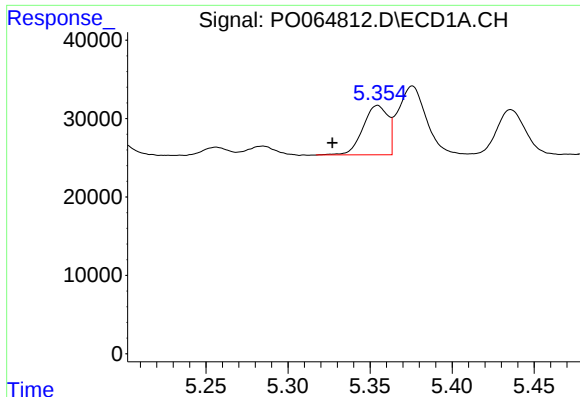
#2 Decachlorobiphenyl

R.T.: 9.725 min
Delta R.T.: 0.038 min
Response: 593761
Conc: 19.35 ng/ml



#2 Decachlorobiphenyl

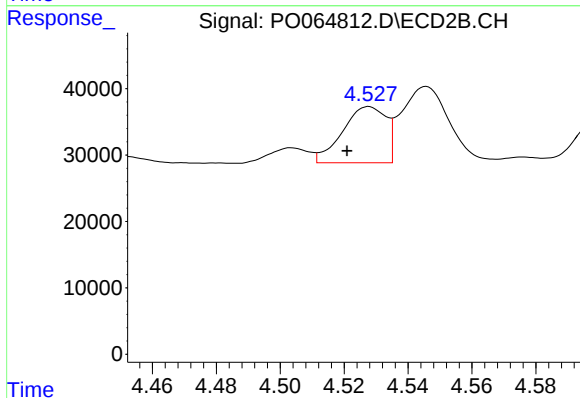
R.T.: 8.383 min
Delta R.T.: 0.007 min
Response: 855954
Conc: 24.65 ng/ml



#3 AR-1016-1

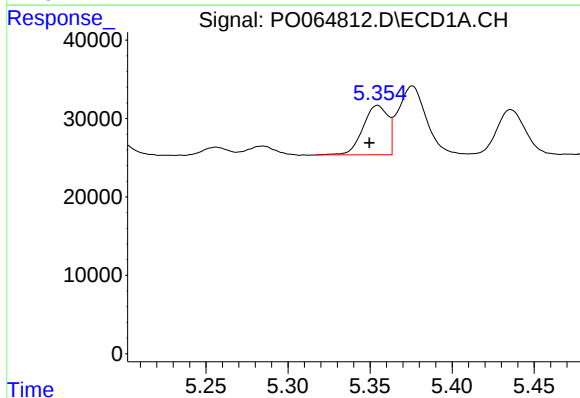
R.T.: 5.355 min
Delta R.T.: 0.028 min
Response: 66323
Conc: 66.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



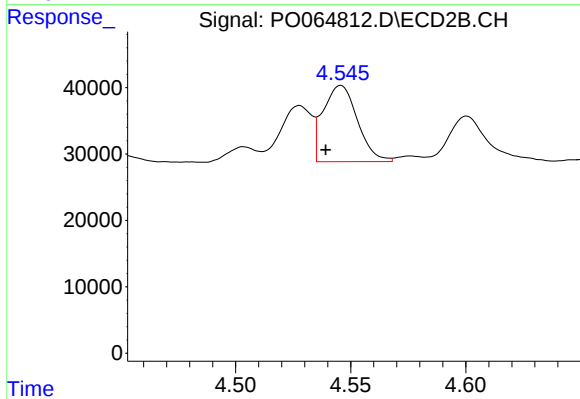
#3 AR-1016-1

R.T.: 4.528 min
Delta R.T.: 0.007 min
Response: 80101
Conc: 74.07 ng/ml



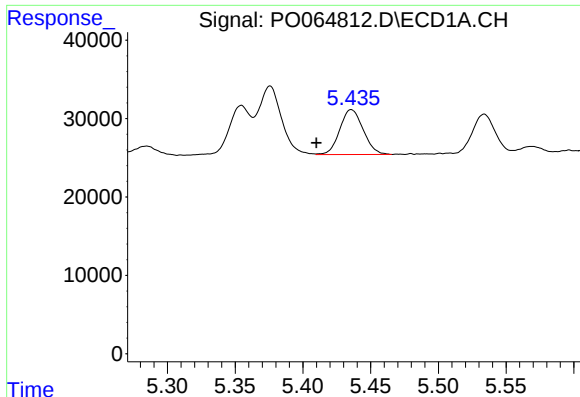
#4 AR-1016-2

R.T.: 5.355 min
Delta R.T.: 0.005 min
Response: 66323
Conc: 45.67 ng/ml



#4 AR-1016-2

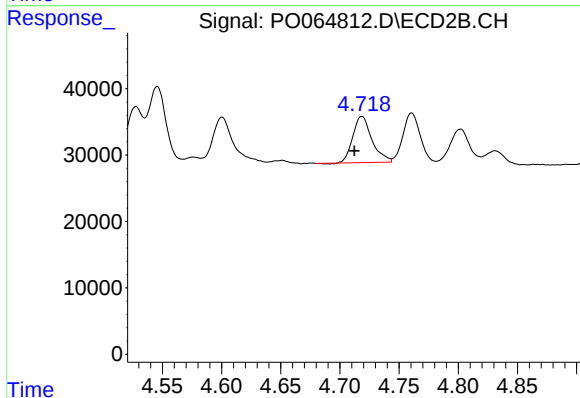
R.T.: 4.546 min
Delta R.T.: 0.006 min
Response: 119152
Conc: 79.23 ng/ml



#5 AR-1016-3

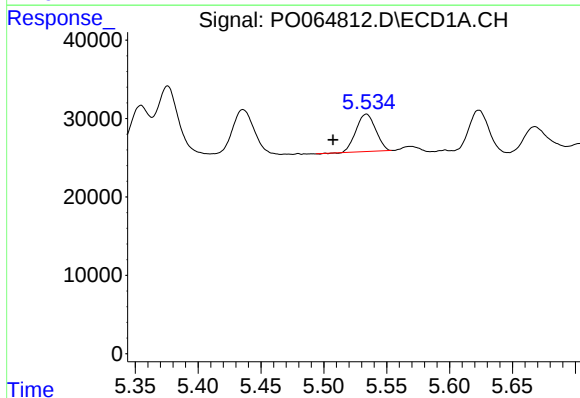
R.T.: 5.436 min
Delta R.T.: 0.026 min
Response: 69001
Conc: 77.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



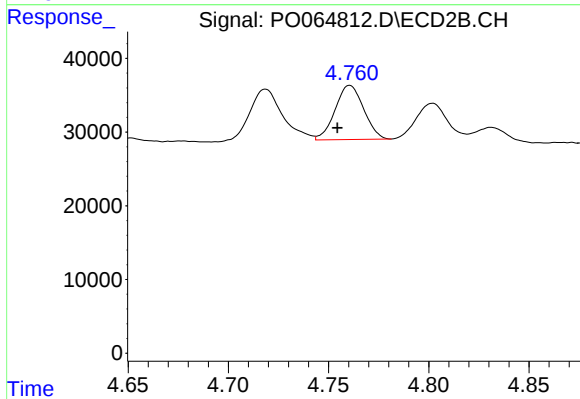
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: 0.006 min
Response: 78127
Conc: 100.50 ng/ml



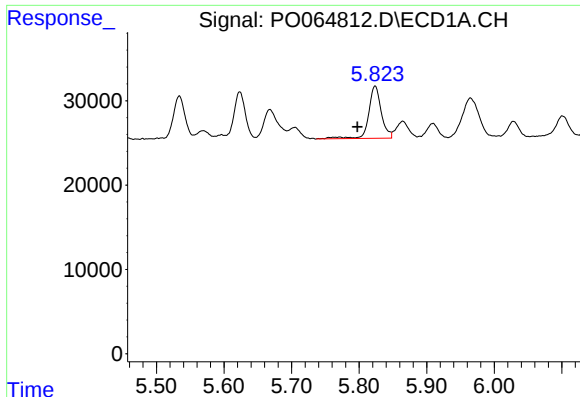
#6 AR-1016-4

R.T.: 5.534 min
Delta R.T.: 0.027 min
Response: 51687
Conc: 71.36 ng/ml



#6 AR-1016-4

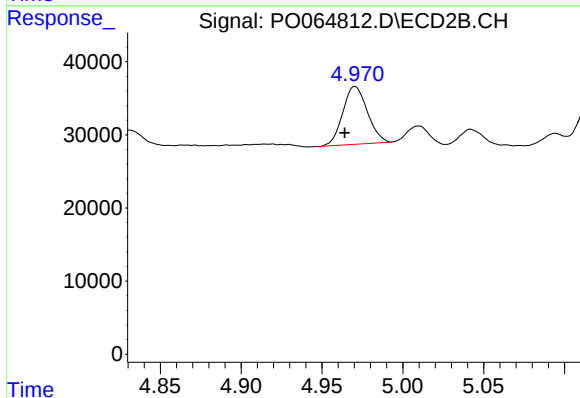
R.T.: 4.761 min
Delta R.T.: 0.006 min
Response: 72792
Conc: 110.71 ng/ml



#7 AR-1016-5

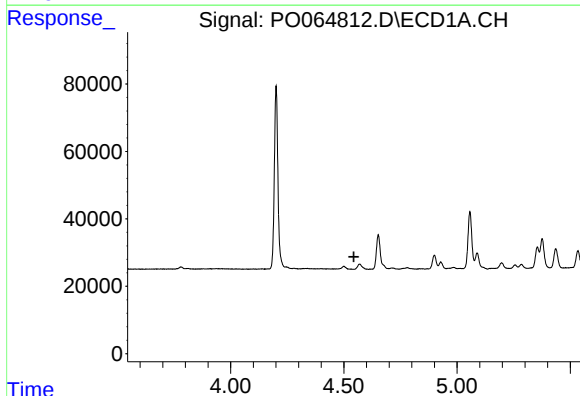
R.T.: 5.824 min
Delta R.T.: 0.027 min
Response: 80635
Conc: 110.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



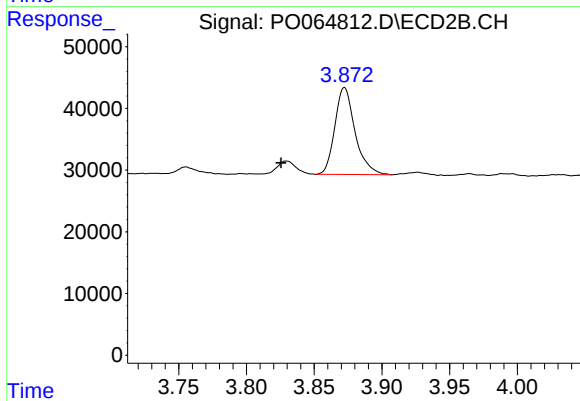
#7 AR-1016-5

R.T.: 4.970 min
Delta R.T.: 0.007 min
Response: 83764
Conc: 96.00 ng/ml



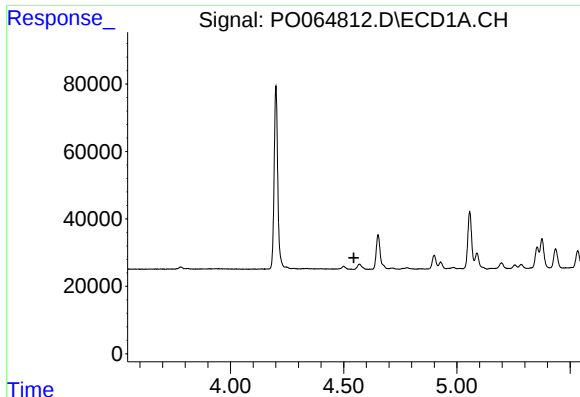
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#10 AR-1221-3

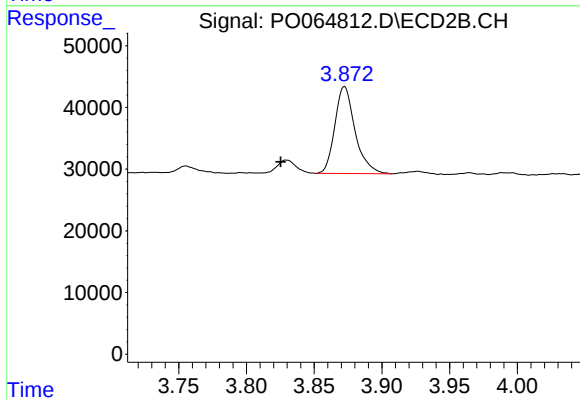
R.T.: 3.872 min
Delta R.T.: 0.047 min
Response: 146752
Conc: 207.71 ng/ml



#11 AR-1232-1

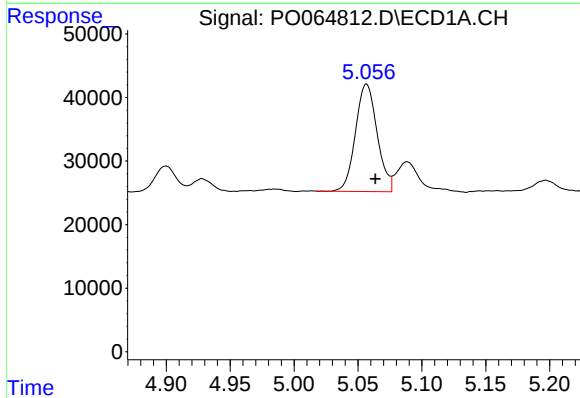
R.T.: 0.000 min
Exp R.T.: 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



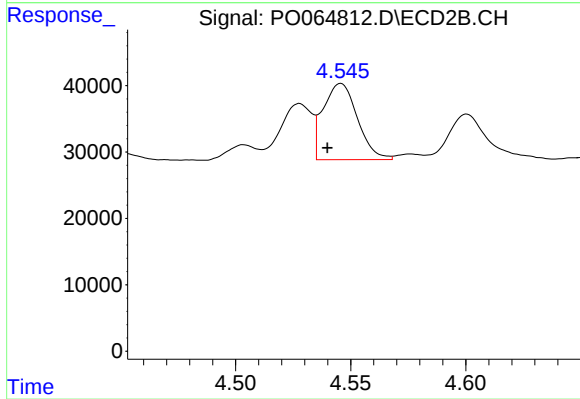
#11 AR-1232-1

R.T.: 3.872 min
Delta R.T.: 0.047 min
Response: 146752
Conc: 131.26 ng/ml



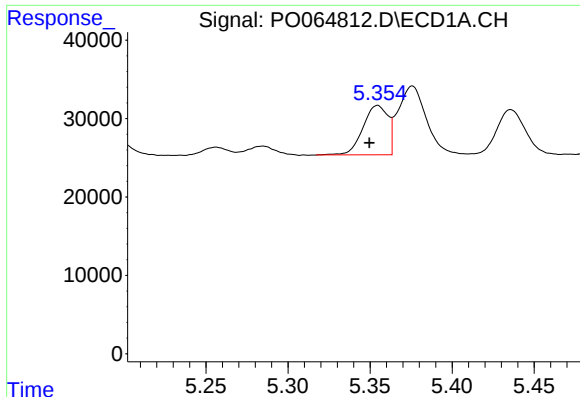
#12 AR-1232-2

R.T.: 5.057 min
Delta R.T.: -0.007 min
Response: 199743
Conc: 390.96 ng/ml



#12 AR-1232-2

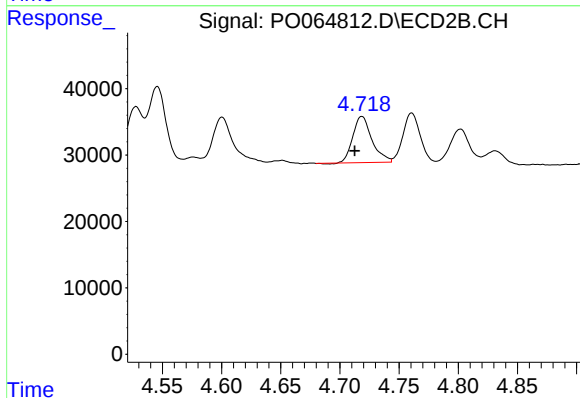
R.T.: 4.546 min
Delta R.T.: 0.006 min
Response: 119152
Conc: 99.02 ng/ml



#13 AR-1232-3

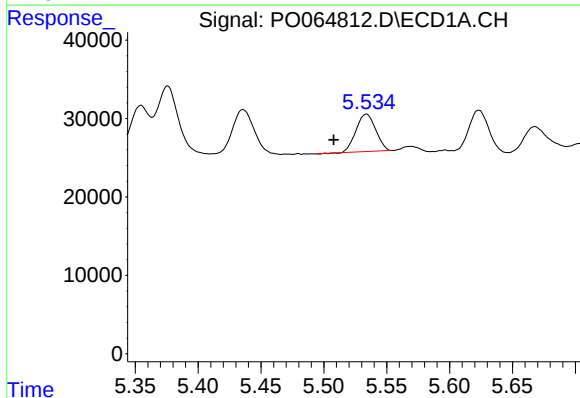
R.T.: 5.355 min
Delta R.T.: 0.005 min
Response: 66323
Conc: 59.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



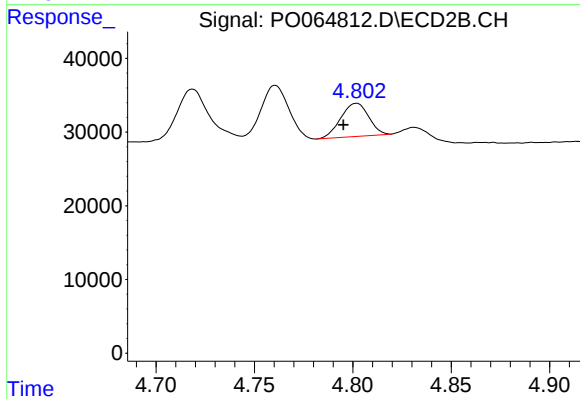
#13 AR-1232-3

R.T.: 4.719 min
Delta R.T.: 0.006 min
Response: 78127
Conc: 125.53 ng/ml



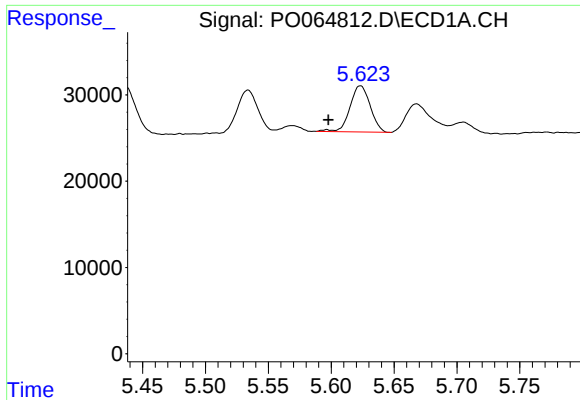
#14 AR-1232-4

R.T.: 5.534 min
Delta R.T.: 0.026 min
Response: 51687
Conc: 92.97 ng/ml



#14 AR-1232-4

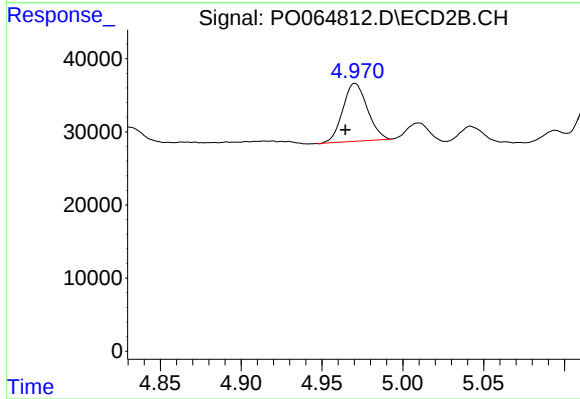
R.T.: 4.802 min
Delta R.T.: 0.007 min
Response: 44414
Conc: 77.96 ng/ml



#15 AR-1232-5

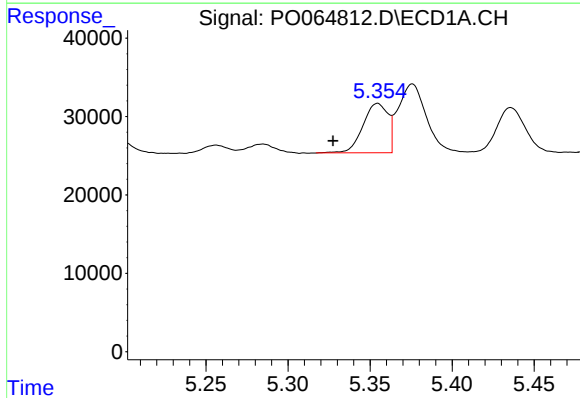
R.T.: 5.623 min
Delta R.T.: 0.026 min
Response: 59959
Conc: 144.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



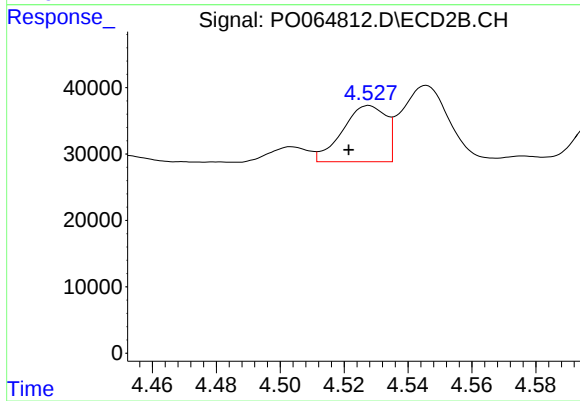
#15 AR-1232-5

R.T.: 4.970 min
Delta R.T.: 0.006 min
Response: 83764
Conc: 131.98 ng/ml



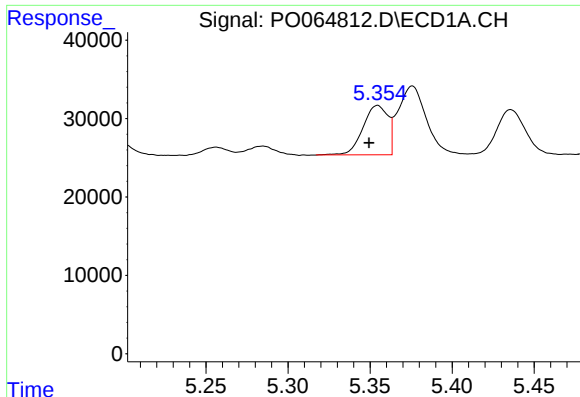
#16 AR-1242-1

R.T.: 5.355 min
Delta R.T.: 0.027 min
Response: 66323
Conc: 84.63 ng/ml



#16 AR-1242-1

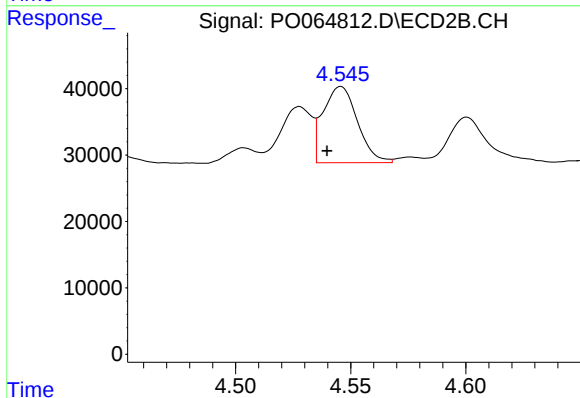
R.T.: 4.528 min
Delta R.T.: 0.006 min
Response: 80101
Conc: 92.18 ng/ml



#17 AR-1242-2

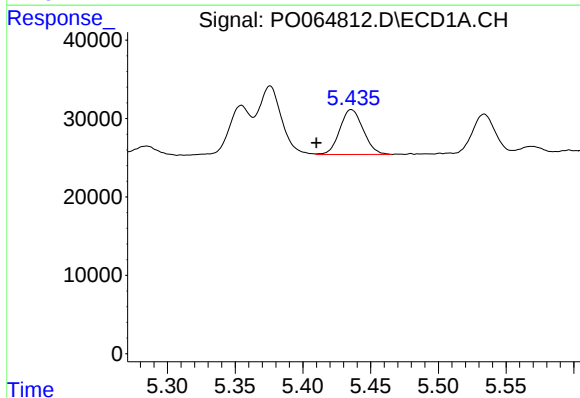
R.T.: 5.355 min
Delta R.T.: 0.005 min
Response: 66323
Conc: 58.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



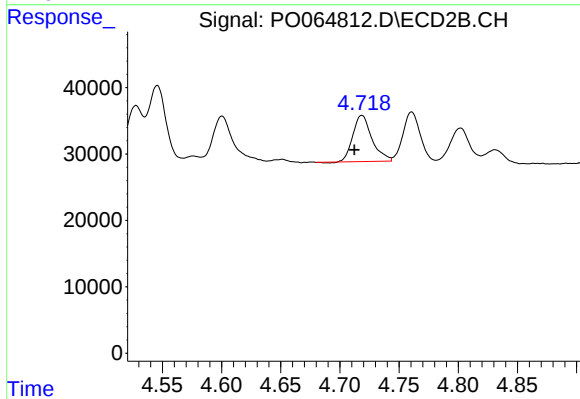
#17 AR-1242-2

R.T.: 4.546 min
Delta R.T.: 0.006 min
Response: 119152
Conc: 99.83 ng/ml



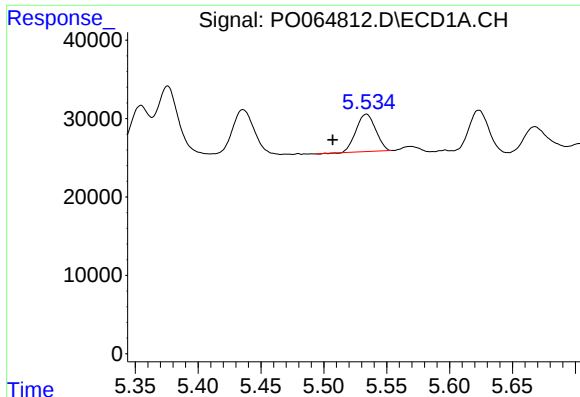
#18 AR-1242-3

R.T.: 5.436 min
Delta R.T.: 0.026 min
Response: 69001
Conc: 99.10 ng/ml



#18 AR-1242-3

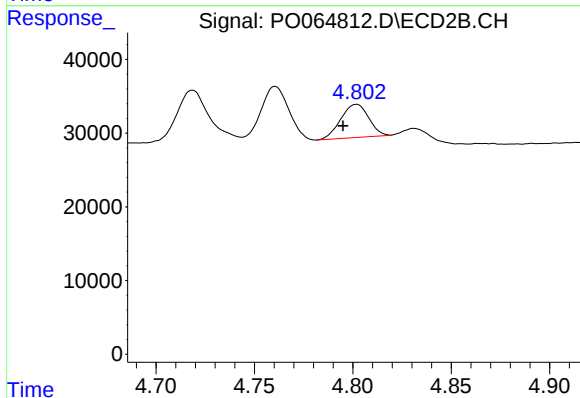
R.T.: 4.719 min
Delta R.T.: 0.006 min
Response: 78127
Conc: 123.20 ng/ml



#19 AR-1242-4

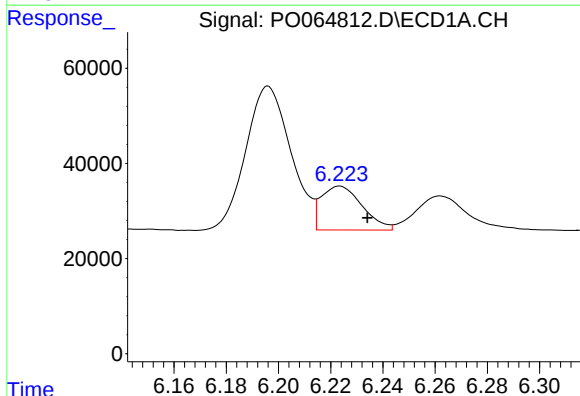
R.T.: 5.534 min
Delta R.T.: 0.027 min
Response: 51687
Conc: 91.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



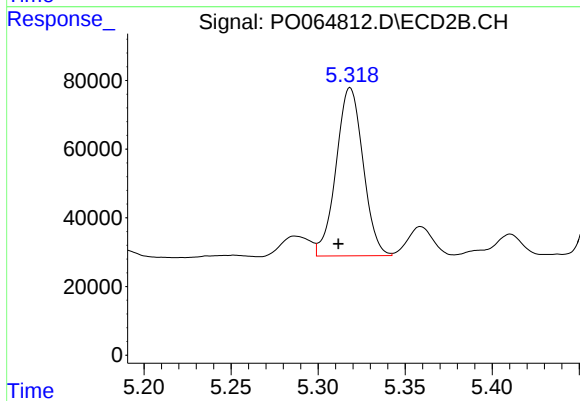
#19 AR-1242-4

R.T.: 4.802 min
Delta R.T.: 0.007 min
Response: 44414
Conc: 68.23 ng/ml



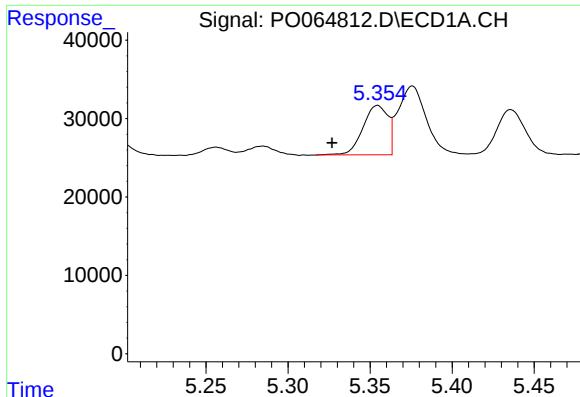
#20 AR-1242-5

R.T.: 6.223 min
Delta R.T.: -0.011 min
Response: 100235
Conc: 143.82 ng/ml



#20 AR-1242-5

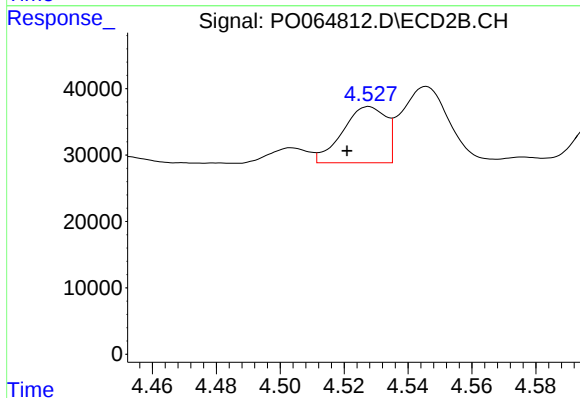
R.T.: 5.318 min
Delta R.T.: 0.007 min
Response: 528210
Conc: 594.19 ng/ml



#21 AR-1248-1

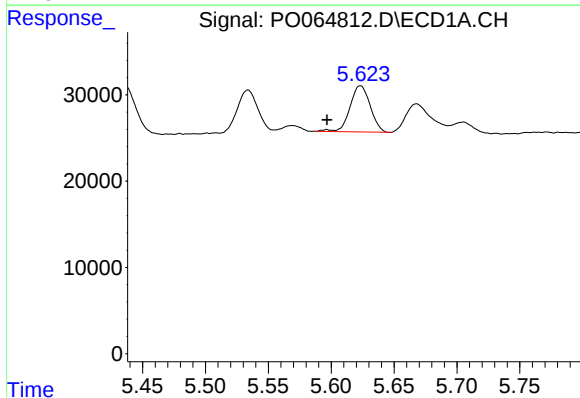
R.T.: 5.355 min
Delta R.T.: 0.028 min
Response: 66323
Conc: 102.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



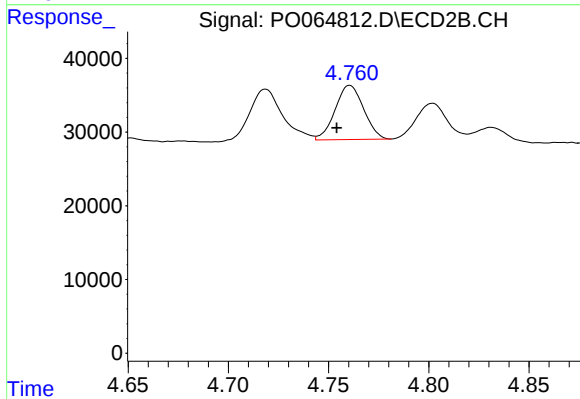
#21 AR-1248-1

R.T.: 4.528 min
Delta R.T.: 0.007 min
Response: 80101
Conc: 111.90 ng/ml



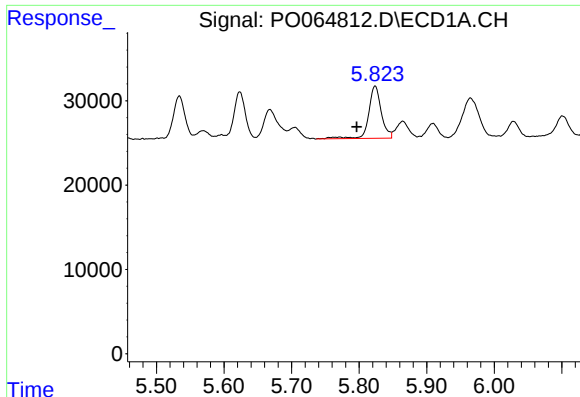
#22 AR-1248-2

R.T.: 5.623 min
Delta R.T.: 0.026 min
Response: 59959
Conc: 64.88 ng/ml



#22 AR-1248-2

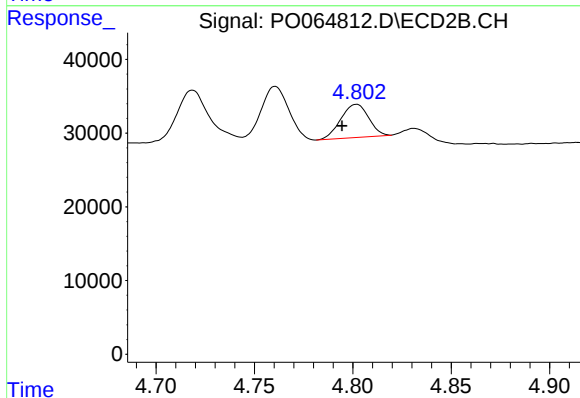
R.T.: 4.761 min
Delta R.T.: 0.007 min
Response: 72792
Conc: 74.13 ng/ml



#23 AR-1248-3

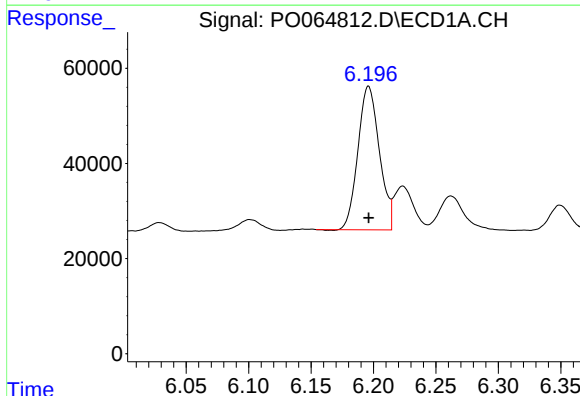
R.T.: 5.824 min
Delta R.T.: 0.027 min
Response: 80635
Conc: 75.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



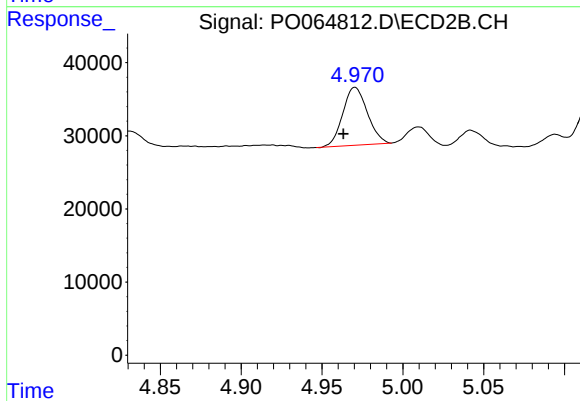
#23 AR-1248-3

R.T.: 4.802 min
Delta R.T.: 0.007 min
Response: 44414
Conc: 43.65 ng/ml



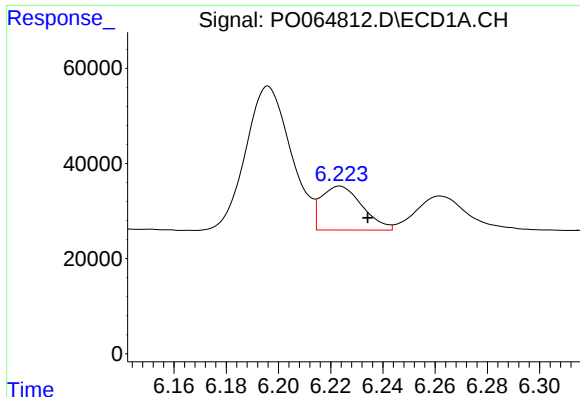
#24 AR-1248-4

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 360572
Conc: 276.49 ng/ml



#24 AR-1248-4

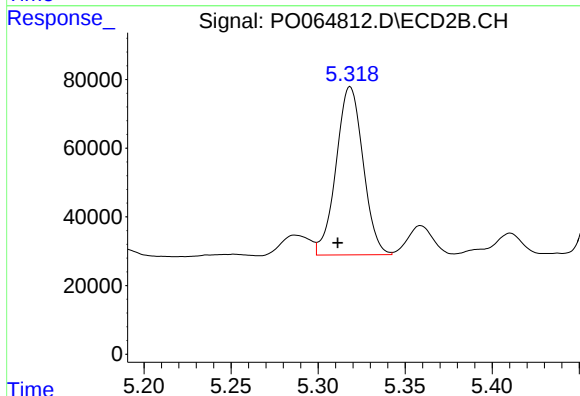
R.T.: 4.970 min
Delta R.T.: 0.007 min
Response: 83764
Conc: 65.08 ng/ml



#25 AR-1248-5

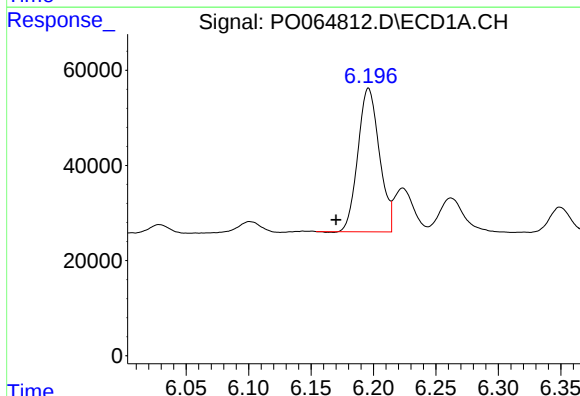
R.T.: 6.223 min
Delta R.T.: -0.011 min
Response: 100235
Conc: 80.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



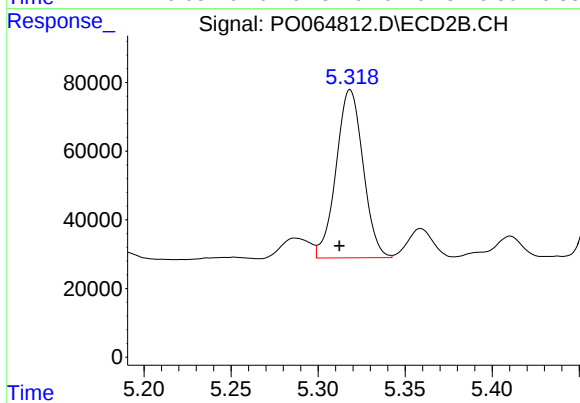
#25 AR-1248-5

R.T.: 5.318 min
Delta R.T.: 0.007 min
Response: 528210
Conc: 277.85 ng/ml



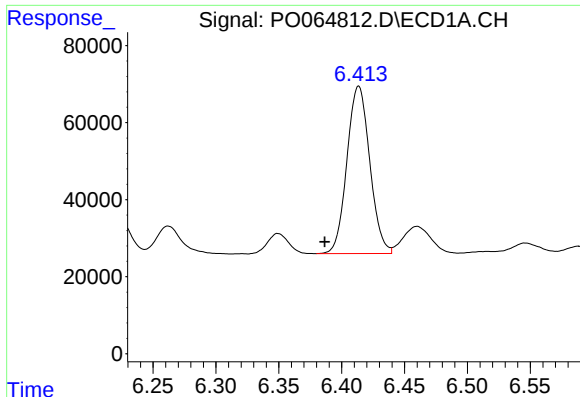
#26 AR-1254-1

R.T.: 6.196 min
Delta R.T.: 0.026 min
Response: 360572
Conc: 283.13 ng/ml



#26 AR-1254-1

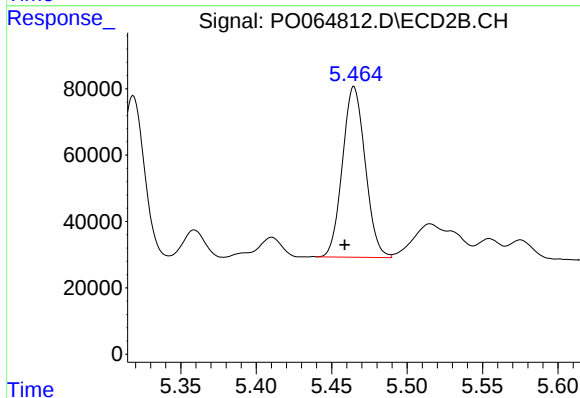
R.T.: 5.318 min
Delta R.T.: 0.006 min
Response: 528210
Conc: 260.11 ng/ml



#27 AR-1254-2

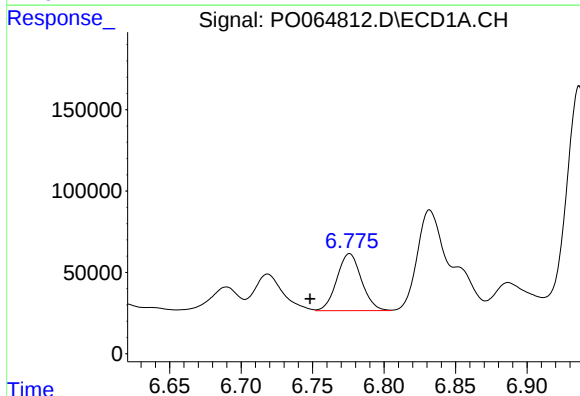
R.T.: 6.414 min
Delta R.T.: 0.027 min
Response: 549290
Conc: 264.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



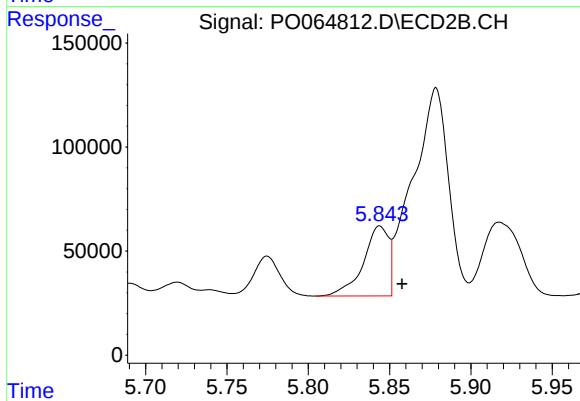
#27 AR-1254-2

R.T.: 5.465 min
Delta R.T.: 0.006 min
Response: 541070
Conc: 296.74 ng/ml



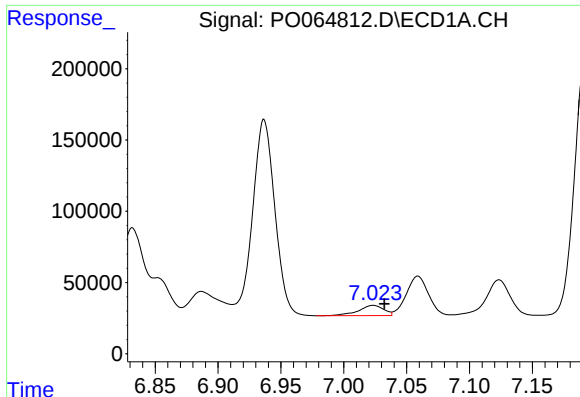
#28 AR-1254-3

R.T.: 6.776 min
Delta R.T.: 0.028 min
Response: 420221
Conc: 175.99 ng/ml



#28 AR-1254-3

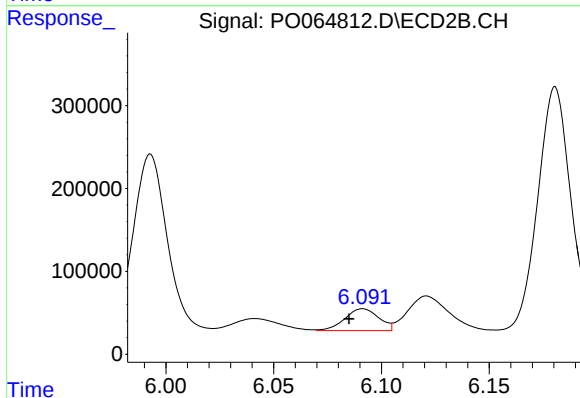
R.T.: 5.844 min
Delta R.T.: -0.014 min
Response: 363940
Conc: 117.16 ng/ml



#29 AR-1254-4

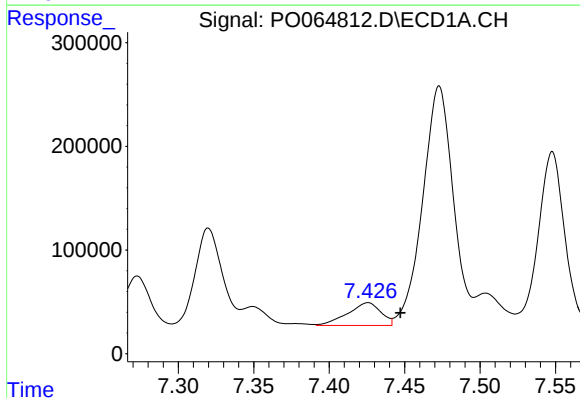
R.T.: 7.023 min
Delta R.T.: -0.009 min
Response: 101195
Conc: 54.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



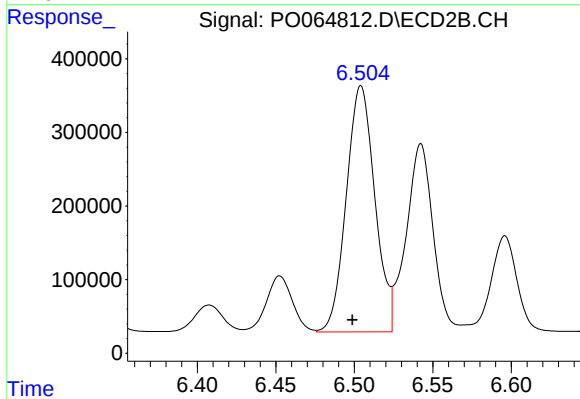
#29 AR-1254-4

R.T.: 6.091 min
Delta R.T.: 0.006 min
Response: 287789
Conc: 140.11 ng/ml



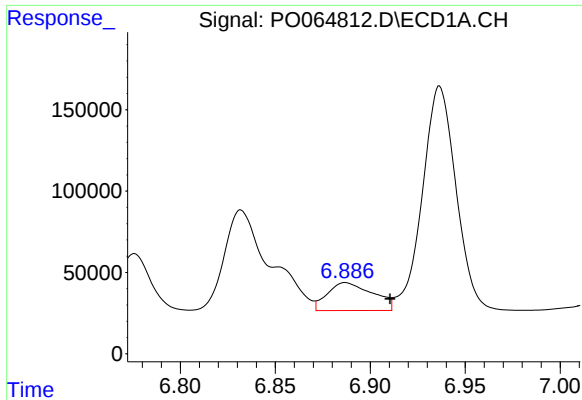
#30 AR-1254-5

R.T.: 7.426 min
Delta R.T.: -0.021 min
Response: 334871
Conc: 159.16 ng/ml



#30 AR-1254-5

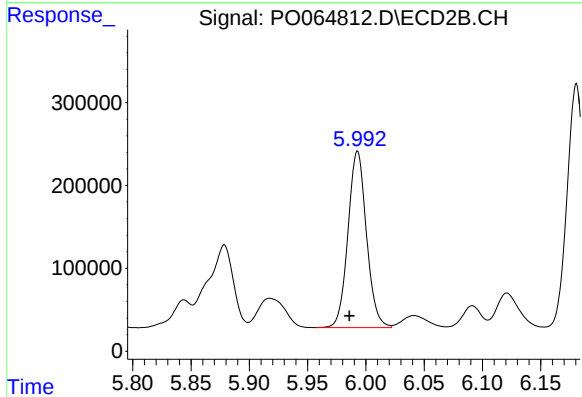
R.T.: 6.504 min
Delta R.T.: 0.006 min
Response: 4235848
Conc: 1419.10 ng/ml



#31 AR-1260-1

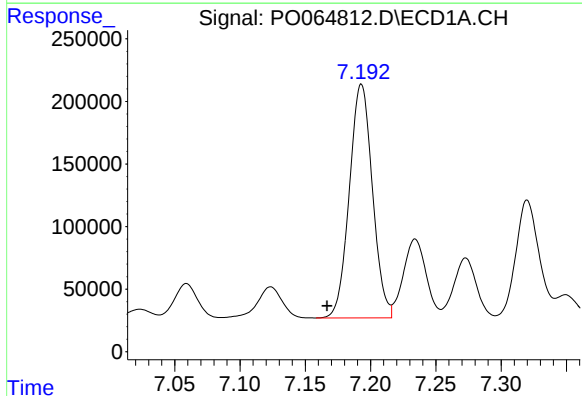
R.T.: 6.887 min
Delta R.T.: -0.024 min
Response: 286291
Conc: 186.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



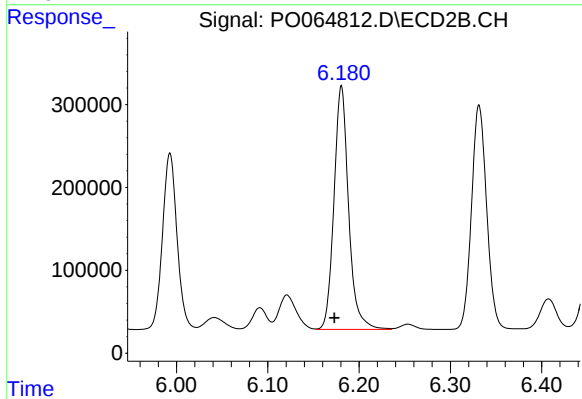
#31 AR-1260-1

R.T.: 5.993 min
Delta R.T.: 0.007 min
Response: 2351592
Conc: 1273.54 ng/ml



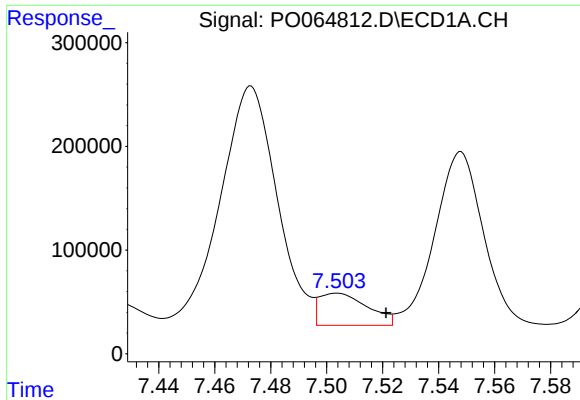
#32 AR-1260-2

R.T.: 7.193 min
Delta R.T.: 0.026 min
Response: 2299209
Conc: 1164.75 ng/ml



#32 AR-1260-2

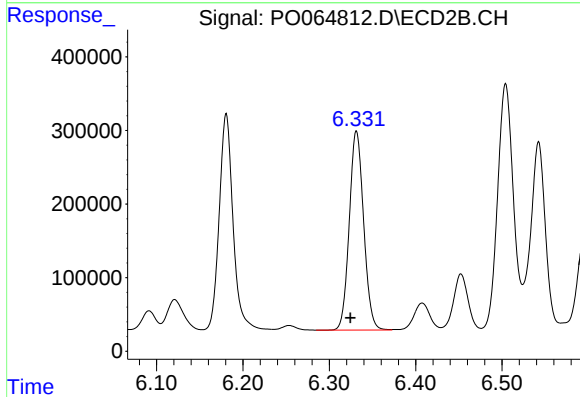
R.T.: 6.181 min
Delta R.T.: 0.008 min
Response: 3278913
Conc: 1409.31 ng/ml



#33 AR-1260-3

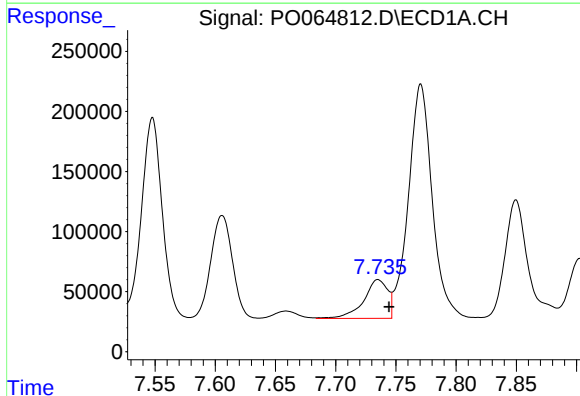
R.T.: 7.504 min
Delta R.T.: -0.018 min
Response: 371086
Conc: 246.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



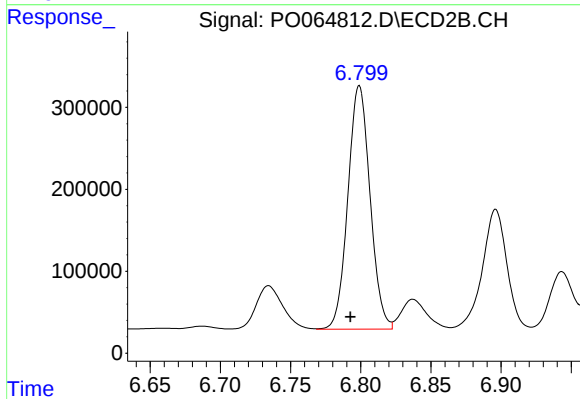
#33 AR-1260-3

R.T.: 6.331 min
Delta R.T.: 0.007 min
Response: 3123172
Conc: 1475.06 ng/ml



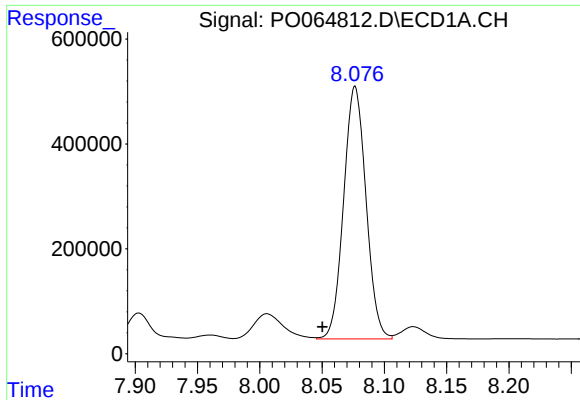
#34 AR-1260-4

R.T.: 7.735 min
Delta R.T.: -0.009 min
Response: 446142
Conc: 241.52 ng/ml



#34 AR-1260-4

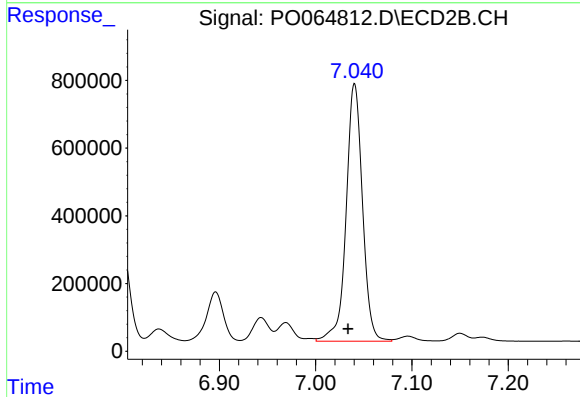
R.T.: 6.799 min
Delta R.T.: 0.006 min
Response: 3269222
Conc: 1735.35 ng/ml



#35 AR-1260-5

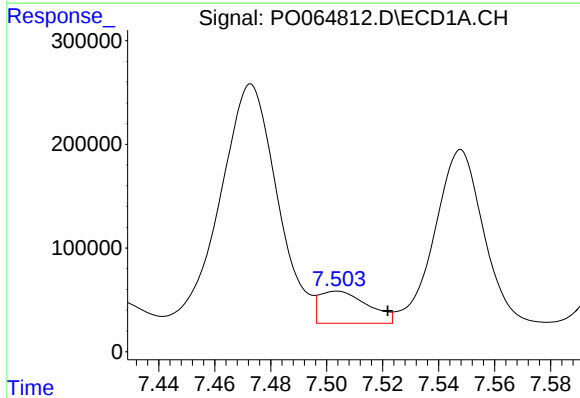
R.T.: 8.077 min
Delta R.T.: 0.026 min
Response: 6030352
Conc: 1615.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



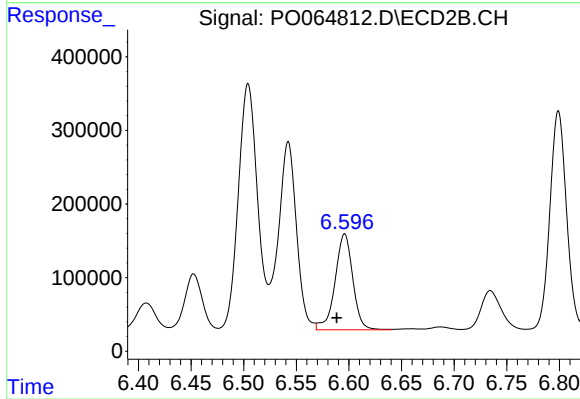
#35 AR-1260-5

R.T.: 7.040 min
Delta R.T.: 0.007 min
Response: 8940439
Conc: 1906.27 ng/ml



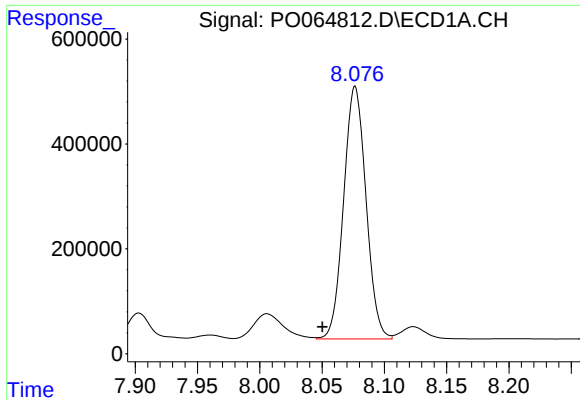
#36 AR-1262-1

R.T.: 7.504 min
Delta R.T.: -0.018 min
Response: 371086
Conc: 161.38 ng/ml



#36 AR-1262-1

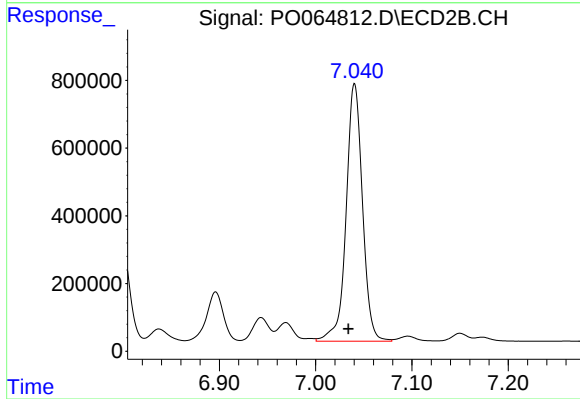
R.T.: 6.596 min
Delta R.T.: 0.008 min
Response: 1528024
Conc: 1331.90 ng/ml



#37 AR-1262-2

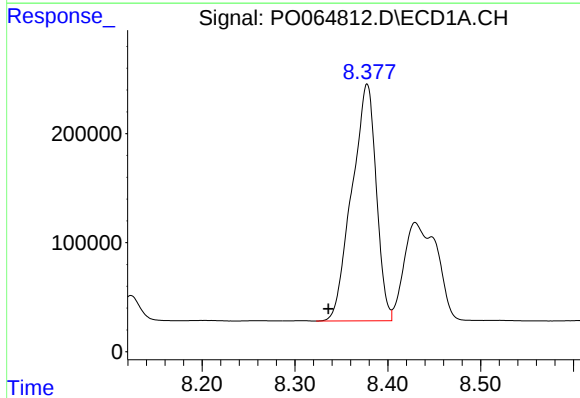
R.T.: 8.077 min
Delta R.T.: 0.026 min
Response: 6030352
Conc: 1389.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



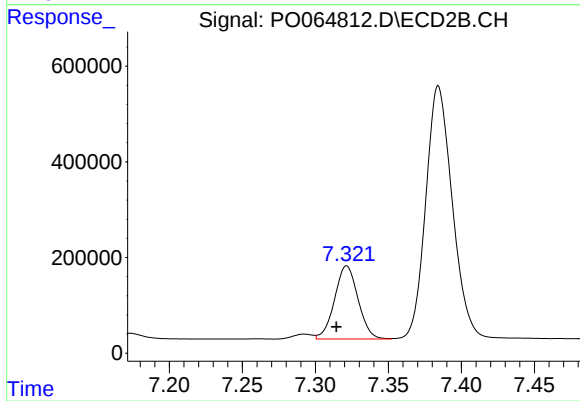
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: 0.006 min
Response: 8940439
Conc: 1636.15 ng/ml



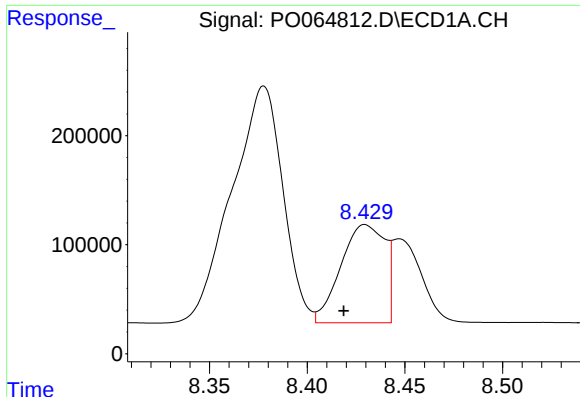
#38 AR-1262-3

R.T.: 8.378 min
Delta R.T.: 0.042 min
Response: 3961934
Conc: 1361.49 ng/ml



#38 AR-1262-3

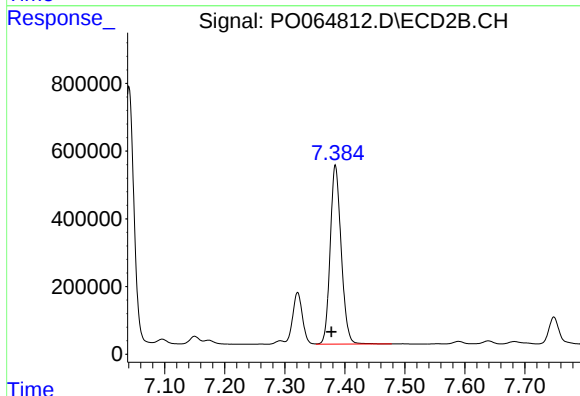
R.T.: 7.321 min
Delta R.T.: 0.007 min
Response: 1714215
Conc: 823.03 ng/ml



#39 AR-1262-4

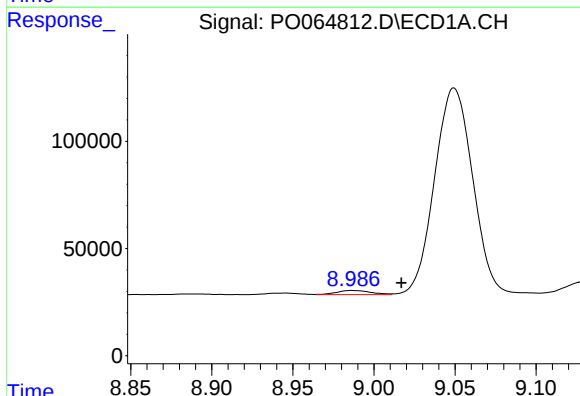
R.T.: 8.430 min
Delta R.T.: 0.011 min
Response: 1416949
Conc: 654.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



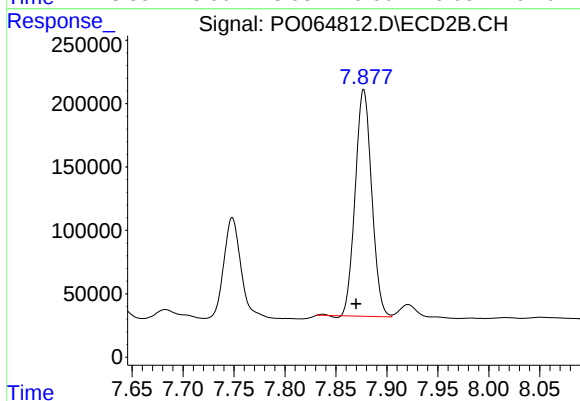
#39 AR-1262-4

R.T.: 7.384 min
Delta R.T.: 0.006 min
Response: 6717087
Conc: 1687.26 ng/ml



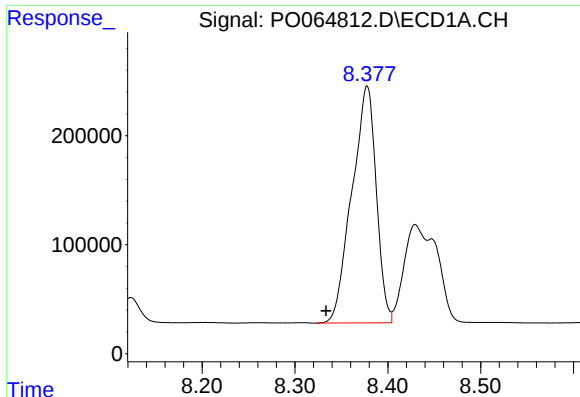
#40 AR-1262-5

R.T.: 8.986 min
Delta R.T.: -0.031 min
Response: 28556
Conc: 19.47 ng/ml



#40 AR-1262-5

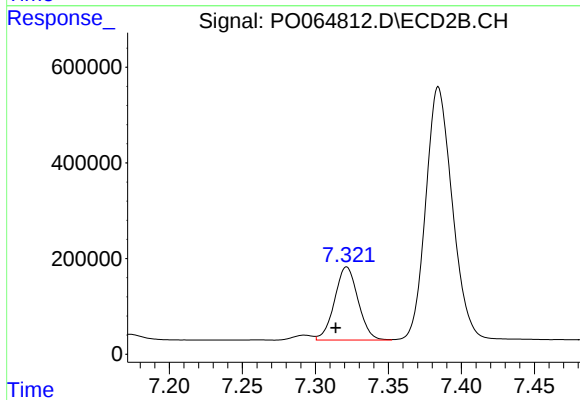
R.T.: 7.877 min
Delta R.T.: 0.008 min
Response: 2011091
Conc: 1153.43 ng/ml



#41 AR-1268-1

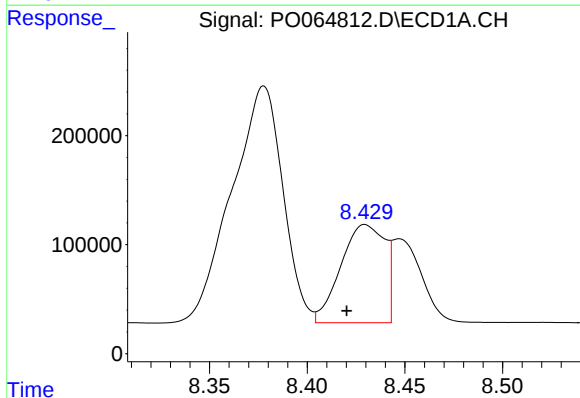
R.T.: 8.378 min
Delta R.T.: 0.044 min
Response: 3961934
Conc: 766.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



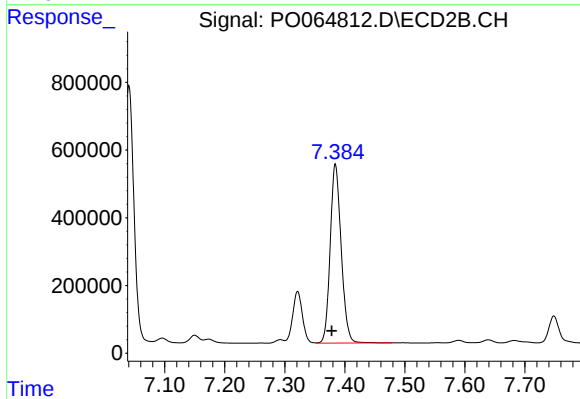
#41 AR-1268-1

R.T.: 7.321 min
Delta R.T.: 0.008 min
Response: 1714215
Conc: 268.08 ng/ml



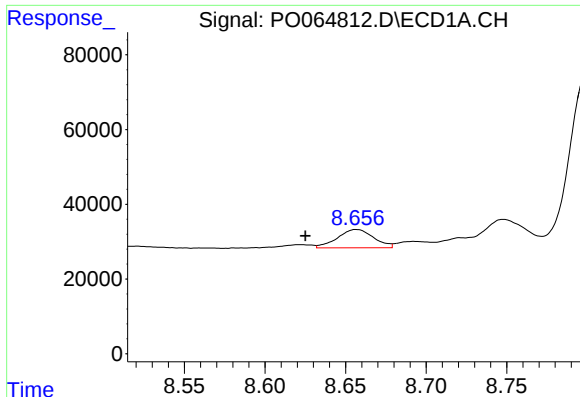
#42 AR-1268-2

R.T.: 8.430 min
Delta R.T.: 0.009 min
Response: 1416949
Conc: 301.32 ng/ml



#42 AR-1268-2

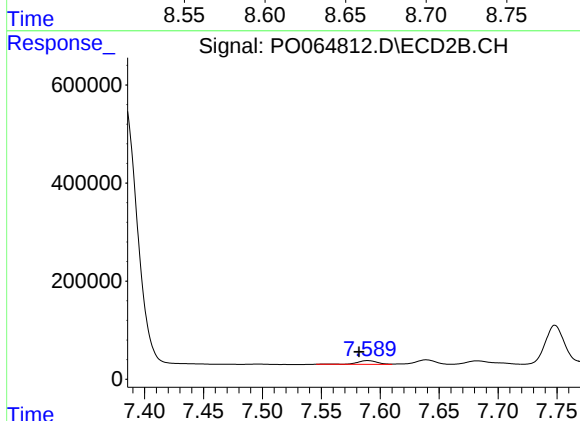
R.T.: 7.384 min
Delta R.T.: 0.006 min
Response: 6717087
Conc: 1152.46 ng/ml



#43 AR-1268-3

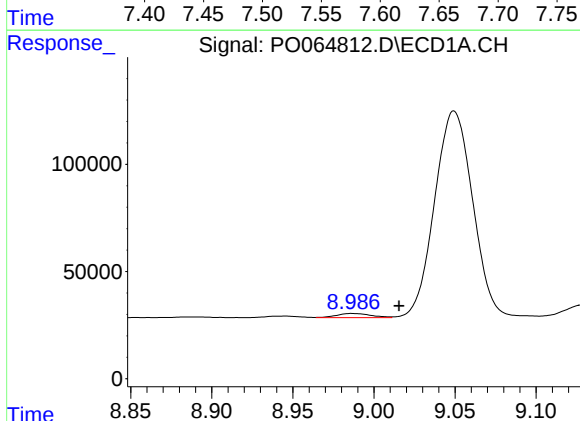
R.T.: 8.657 min
Delta R.T.: 0.032 min
Response: 76840
Conc: 19.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



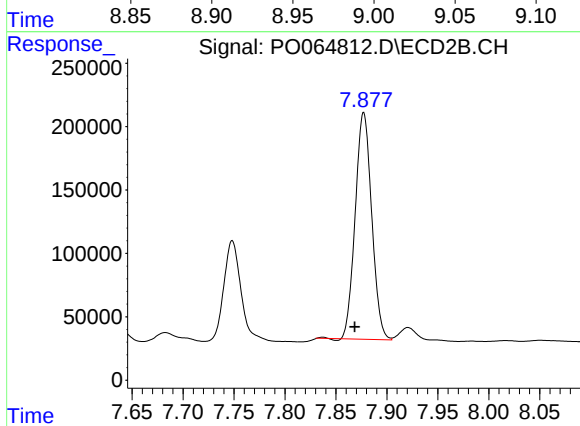
#43 AR-1268-3

R.T.: 7.589 min
Delta R.T.: 0.007 min
Response: 89531
Conc: 18.74 ng/ml



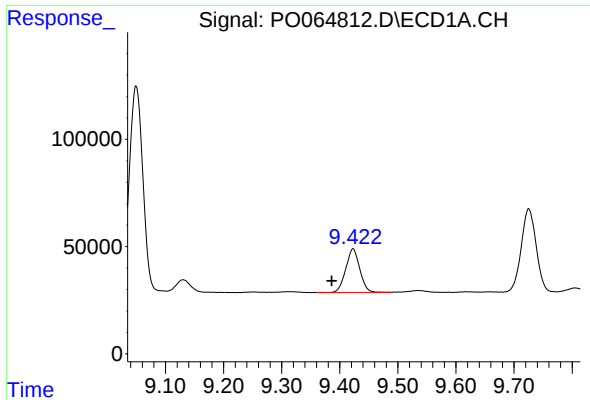
#44 AR-1268-4

R.T.: 8.986 min
Delta R.T.: -0.029 min
Response: 28556
Conc: 16.99 ng/ml



#44 AR-1268-4

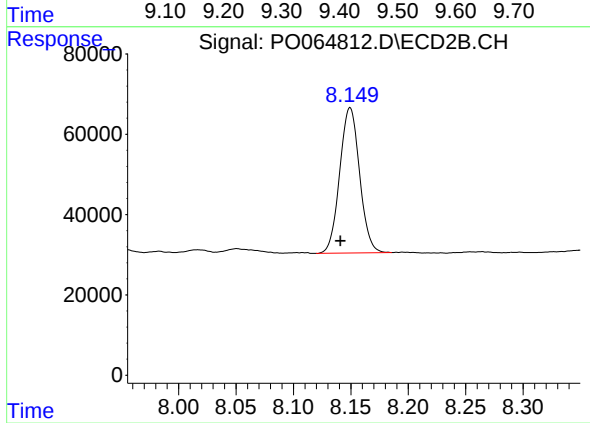
R.T.: 7.877 min
Delta R.T.: 0.009 min
Response: 2011091
Conc: 999.10 ng/ml



#45 AR-1268-5

R.T.: 9.423 min
Delta R.T.: 0.036 min
Response: 340655
Conc: 28.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.149 min
Delta R.T.: 0.008 min
Response: 437089
Conc: 30.21 ng/ml