

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111118\
 Data File : PO051361.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Nov 2018 10:27
 Operator : SM/SJ
 Sample : J5764-09RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 04:05:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 08 14:50:13 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...	4.333	3.334	10034110	4168048	17.798	18.679
2)	SA Decachlor...	9.970	8.066	6021206	2506711	16.227	11.310 #
Target Compounds							
3)	L1 AR-1016-1	5.496	4.367	628767	30104	38.164	4.138 #
4)	L1 AR-1016-2	5.519	4.367	1477139	30104	59.628	2.407 #
5)	L1 AR-1016-3	5.519	4.528	1477139	1118140	96.710	183.768 #
6)	L1 AR-1016-4	5.675	4.563	1543571	1027581	125.084	205.465 #
7)	L1 AR-1016-5	5.970	4.771	5373146	1079847	483.235	166.601 #
10)	L2 AR-1221-3	0.000	3.733	0	551462	N.D.	103.113 #
11)	L3 AR-1232-1	0.000	3.733	0	551462	N.D.	130.482 #
12)	L3 AR-1232-2	5.232	4.367	5801634	30104	1106.945	5.247 #
13)	L3 AR-1232-3	5.519	4.528	1477139	1118140	133.533	435.980 #
14)	L3 AR-1232-4	5.675	4.606	1543571	1820529	293.966	821.901 #
15)	L3 AR-1232-5	5.766	4.771	4214084	1079847	1124.474	421.445 #
16)	L4 AR-1242-1	5.519	4.367	1477139	30104	69.900	4.768 #
17)	L4 AR-1242-2	5.519	4.367	1477139	30104	69.900	2.930 #
18)	L4 AR-1242-3	0.000	4.528	0	1118140	N.D.	213.214 #
19)	L4 AR-1242-4	5.675	4.606	1543571	1820529	149.157	367.126 #
20)	L4 AR-1242-5	6.410	5.099	7192842	2935986	673.694	463.328 #
21)	L5 AR-1248-1	5.496	4.367	628767	30104	54.388	5.635 #
22)	L5 AR-1248-2	5.766	4.563	4214084	1027581	267.700	131.108 #
23)	L5 AR-1248-3	5.970	4.606	5373146	1820529	302.019	232.715
24)	L5 AR-1248-4	6.371	4.771	4168339	1079847	208.904	110.324 #
25)	L5 AR-1248-5	6.410	5.136	7192842	2446876	381.572	248.882 #
26)	L6 AR-1254-1	6.345	5.099	8842222	2935986	455.568	195.219 #
27)	L6 AR-1254-2	6.562	5.241	11894498	2195285	393.586	167.333 #
28)	L6 AR-1254-3	6.935	5.644	12875314	3134278	423.243	149.274 #
29)	L6 AR-1254-4	7.211	5.844	5868309	1758798	262.990	134.924 #
30)	L6 AR-1254-5	7.628	6.243	6311977	3507128	283.316	196.516 #
31)	L7 AR-1260-1	7.089	5.748	5774224	3016573	259.047	211.325
32)	L7 AR-1260-2	7.342	5.931	18830914	3888392	656.007	205.327 #
33)	L7 AR-1260-3	7.702	6.074	2502437	2128426	128.008	129.453
34)	L7 AR-1260-4	7.924	6.530	3328615	832500	177.204	76.524 #
35)	L7 AR-1260-5	8.238	6.769	4516342	2398044	119.476	82.288 #
36)	L8 AR-1262-1	7.702	6.282	2502437	1368052	77.384	59.067
37)	L8 AR-1262-2	8.238	6.769	4516342	2398044	91.804	64.001 #
38)	L8 AR-1262-3	8.555	7.043	2981164	507515	96.596	32.805 #
39)	L8 AR-1262-4	8.607	7.104	1795803	1780805	73.771	68.315
40)	L8 AR-1262-5	9.258	7.590	1255125	532194	79.979	47.071 #
41)	L9 AR-1268-1	8.555	7.043	2981164	507515	45.682	10.130 #
42)	L9 AR-1268-2	8.607	7.104	1795803	1780805	30.707	40.856 #
43)	L9 AR-1268-3	0.000	7.301	0	323326	N.D.	8.266 #

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 Acq On : 10 Nov 2018 10:27
 Operator : SM/SJ
 Sample : J5764-09RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

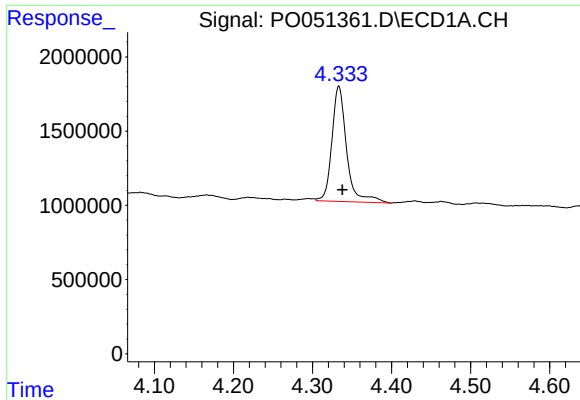
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 04:05:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110918.M
 Quant Title : GC EXTRACTABLES
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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	9.258	7.590	1255125	532194	65.882	38.401 #
45) L9	AR-1268-5	9.653	7.853	1033251	496360	6.788	4.948 #

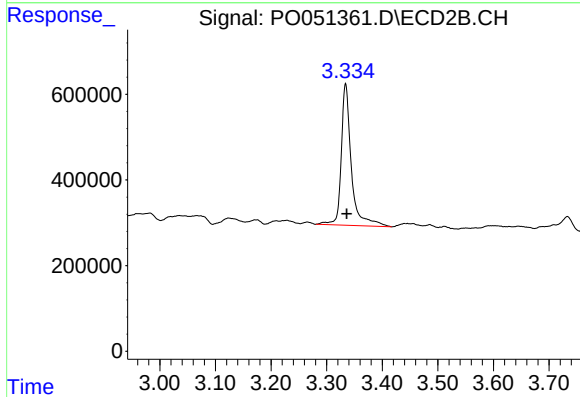
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

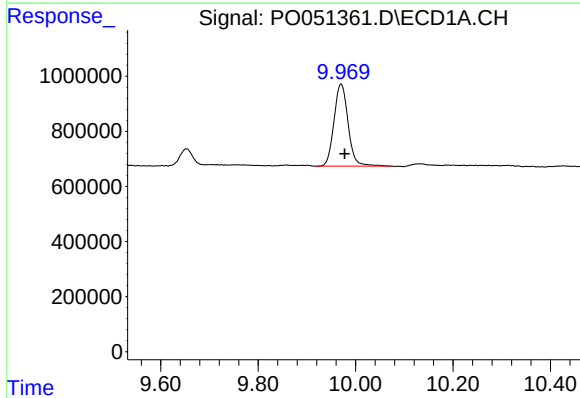
R.T.: 4.333 min
Delta R.T.: -0.005 min
Response: 10034110
Conc: 17.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



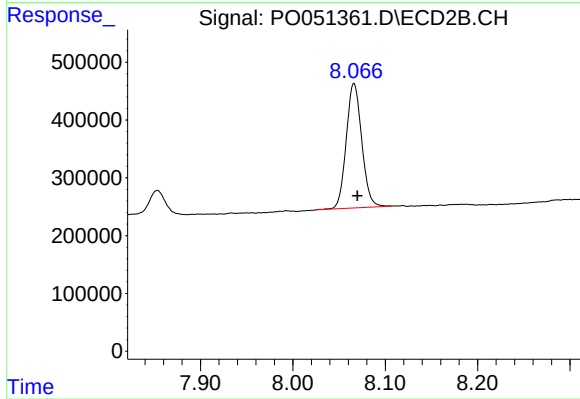
#1 Tetrachloro-m-xylene

R.T.: 3.334 min
Delta R.T.: -0.002 min
Response: 4168048
Conc: 18.68 ng/ml



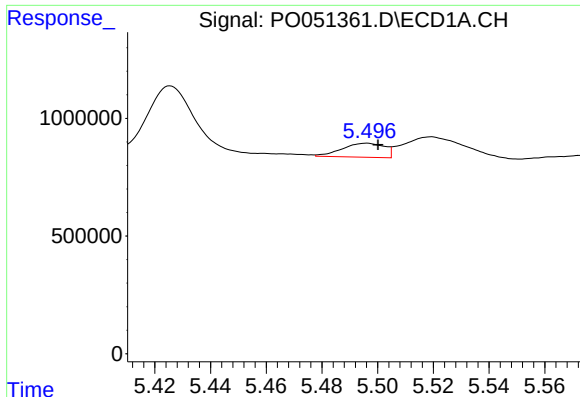
#2 Decachlorobiphenyl

R.T.: 9.970 min
Delta R.T.: -0.007 min
Response: 6021206
Conc: 16.23 ng/ml



#2 Decachlorobiphenyl

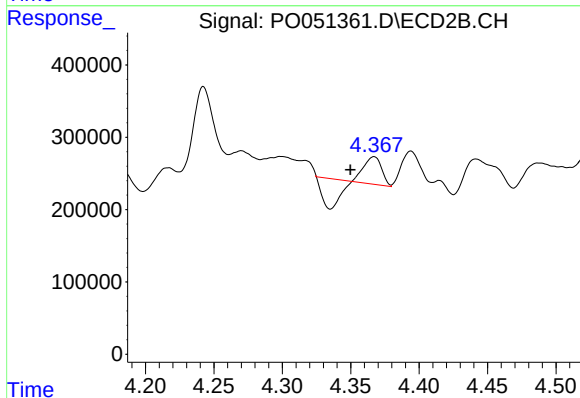
R.T.: 8.066 min
Delta R.T.: -0.004 min
Response: 2506711
Conc: 11.31 ng/ml



#3 AR-1016-1

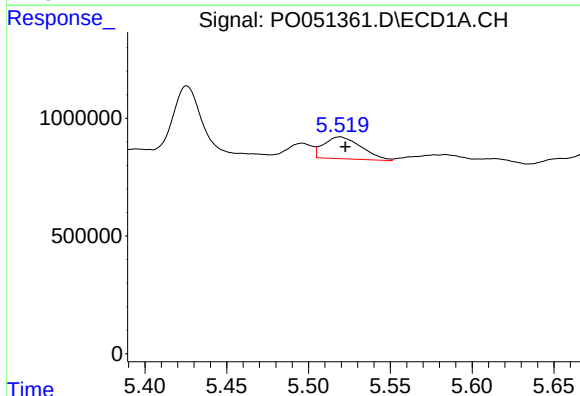
R.T.: 5.496 min
Delta R.T.: -0.004 min
Response: 628767
Conc: 38.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



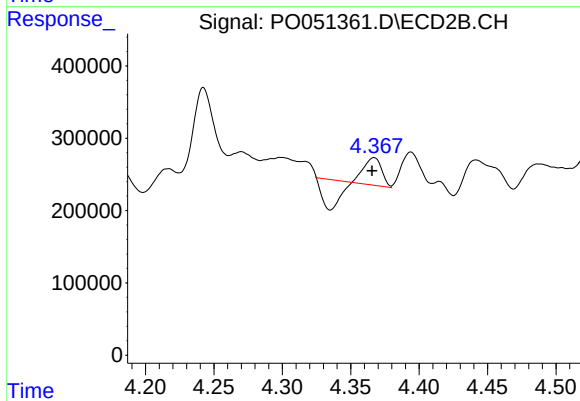
#3 AR-1016-1

R.T.: 4.367 min
Delta R.T.: 0.018 min
Response: 30104
Conc: 4.14 ng/ml



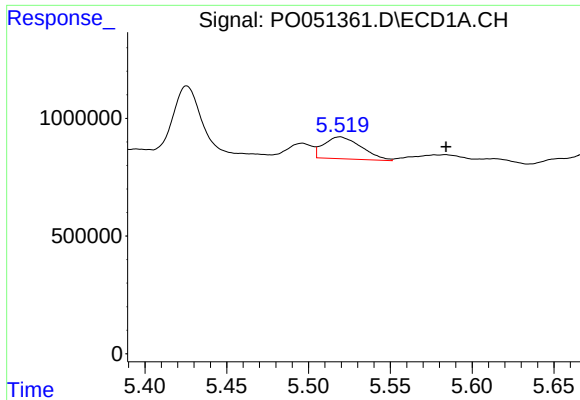
#4 AR-1016-2

R.T.: 5.519 min
Delta R.T.: -0.003 min
Response: 1477139
Conc: 59.63 ng/ml



#4 AR-1016-2

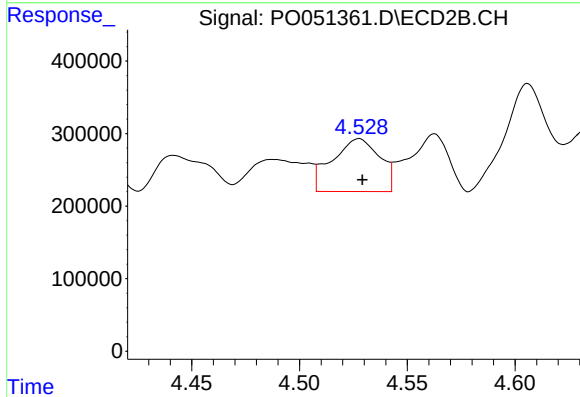
R.T.: 4.367 min
Delta R.T.: 0.002 min
Response: 30104
Conc: 2.41 ng/ml



#5 AR-1016-3

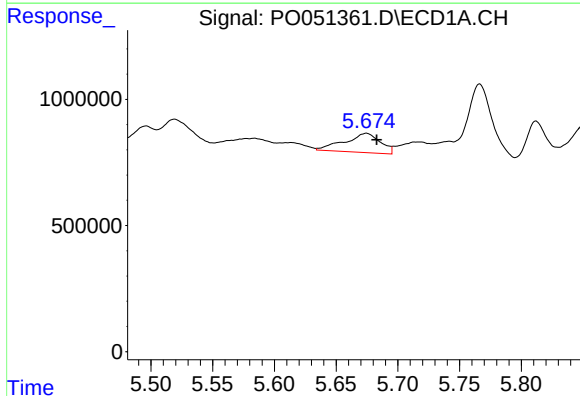
R.T.: 5.519 min
Delta R.T.: -0.065 min
Response: 1477139
Conc: 96.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



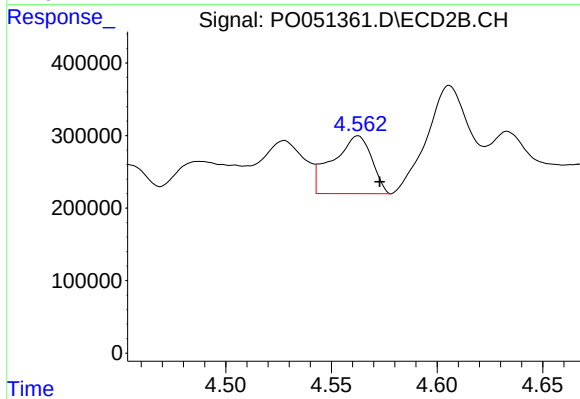
#5 AR-1016-3

R.T.: 4.528 min
Delta R.T.: -0.002 min
Response: 1118140
Conc: 183.77 ng/ml



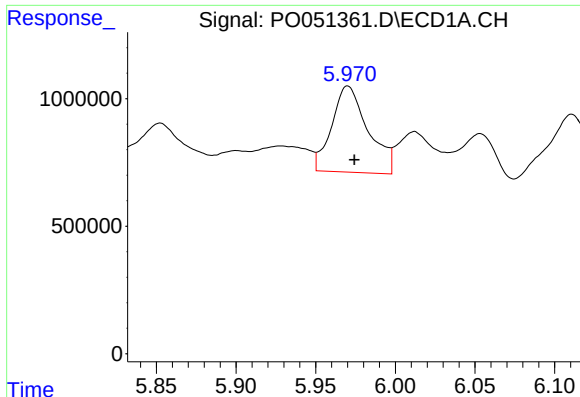
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.008 min
Response: 1543571
Conc: 125.08 ng/ml



#6 AR-1016-4

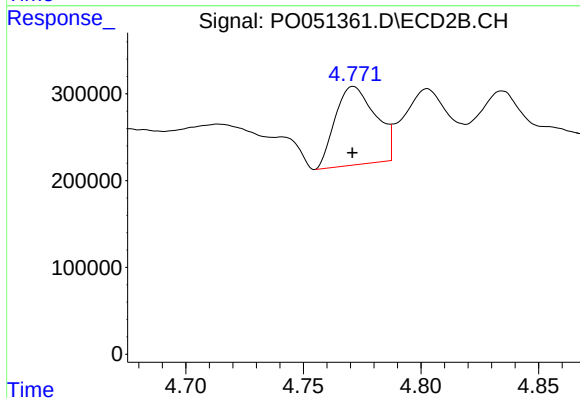
R.T.: 4.563 min
Delta R.T.: -0.010 min
Response: 1027581
Conc: 205.47 ng/ml



#7 AR-1016-5

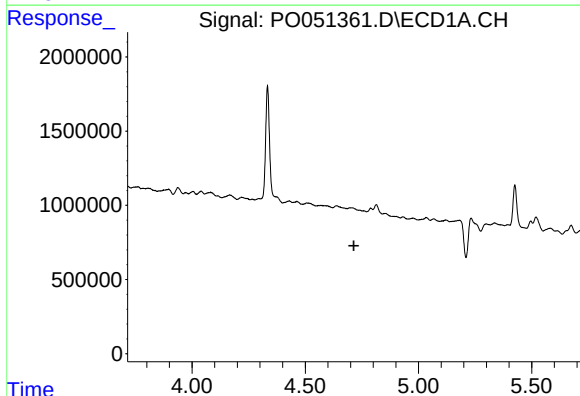
R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 5373146
Conc: 483.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



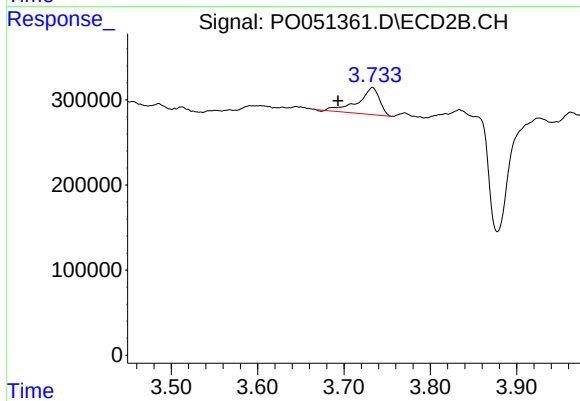
#7 AR-1016-5

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 1079847
Conc: 166.60 ng/ml



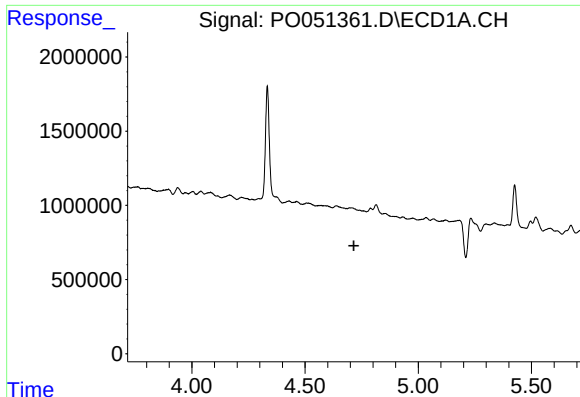
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#10 AR-1221-3

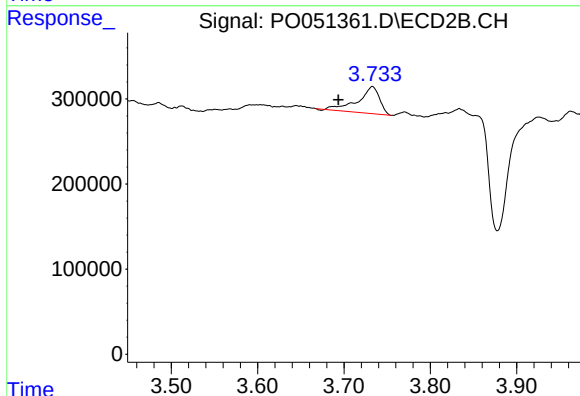
R.T.: 3.733 min
Delta R.T.: 0.040 min
Response: 551462
Conc: 103.11 ng/ml



#11 AR-1232-1

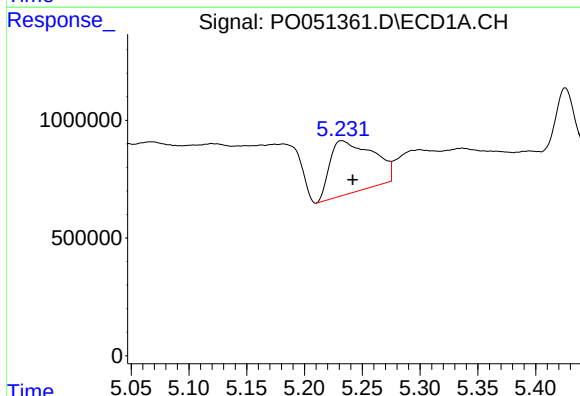
R.T.: 0.000 min
Exp R.T.: 4.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



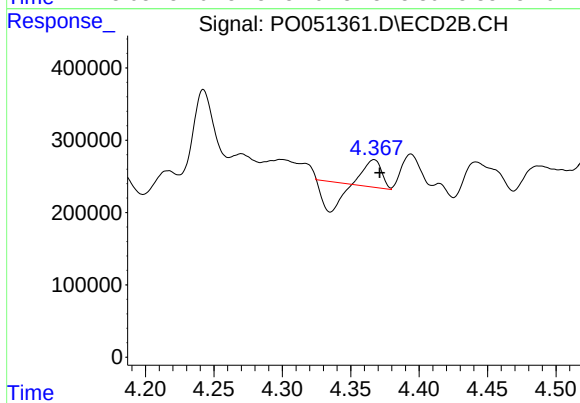
#11 AR-1232-1

R.T.: 3.733 min
Delta R.T.: 0.040 min
Response: 551462
Conc: 130.48 ng/ml



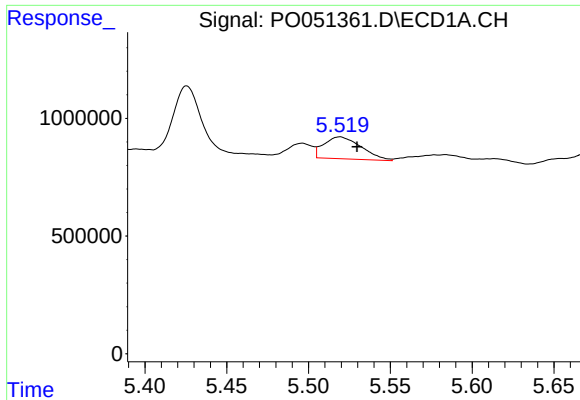
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: -0.010 min
Response: 5801634
Conc: 1106.95 ng/ml



#12 AR-1232-2

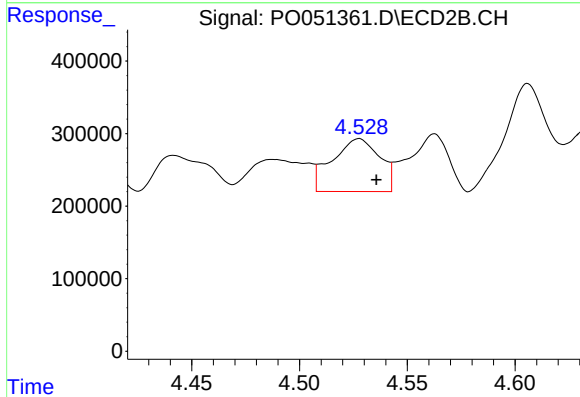
R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 30104
Conc: 5.25 ng/ml



#13 AR-1232-3

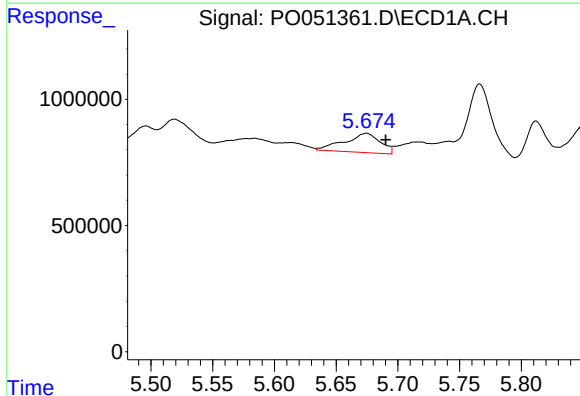
R.T.: 5.519 min
Delta R.T.: -0.010 min
Response: 1477139
Conc: 133.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



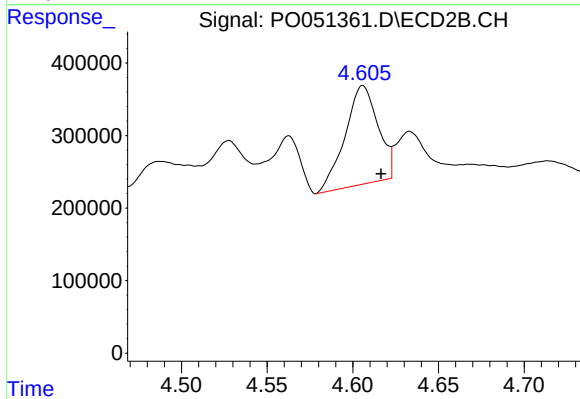
#13 AR-1232-3

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 1118140
Conc: 435.98 ng/ml



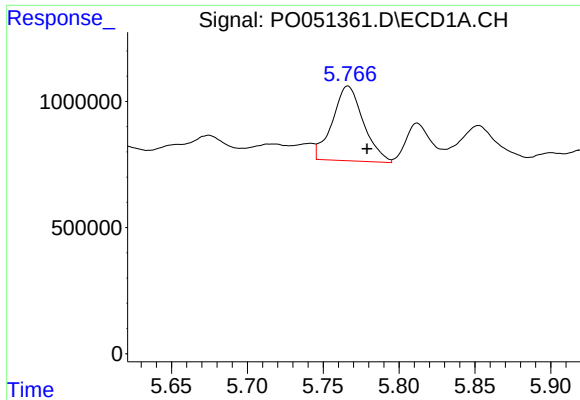
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.016 min
Response: 1543571
Conc: 293.97 ng/ml



#14 AR-1232-4

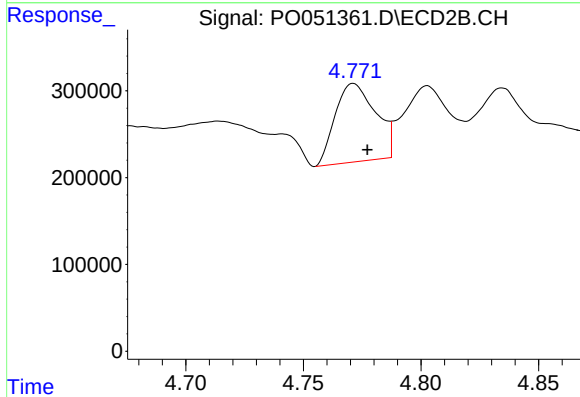
R.T.: 4.606 min
Delta R.T.: -0.011 min
Response: 1820529
Conc: 821.90 ng/ml



#15 AR-1232-5

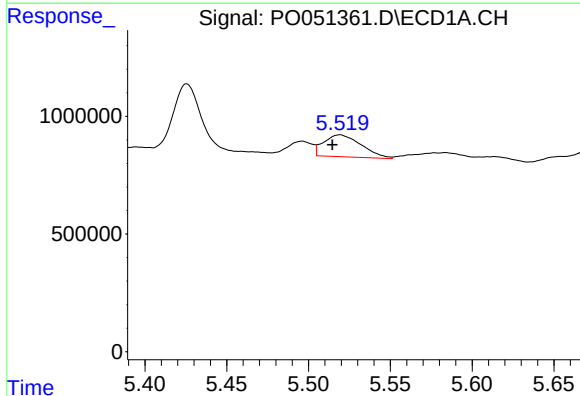
R.T.: 5.766 min
Delta R.T.: -0.013 min
Response: 4214084
Conc: 1124.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



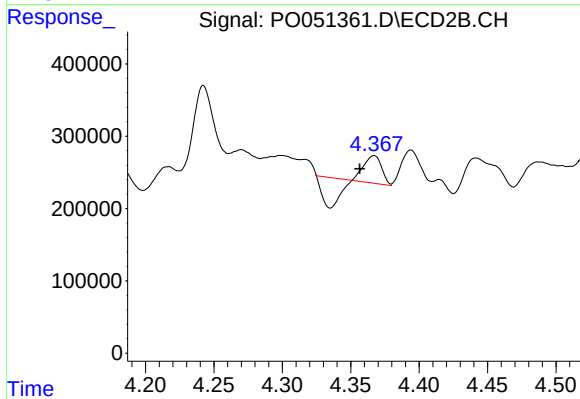
#15 AR-1232-5

R.T.: 4.771 min
Delta R.T.: -0.006 min
Response: 1079847
Conc: 421.44 ng/ml



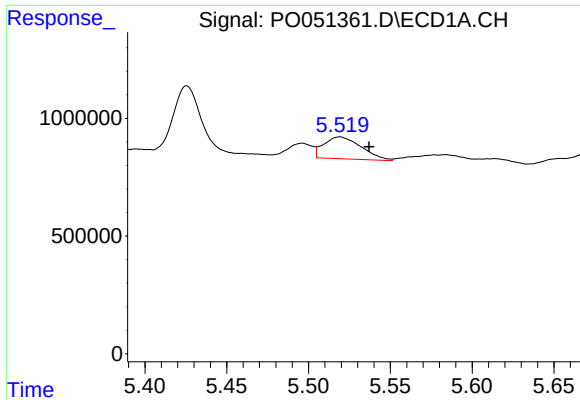
#16 AR-1242-1

R.T.: 5.519 min
Delta R.T.: 0.005 min
Response: 1477139
Conc: 69.90 ng/ml



#16 AR-1242-1

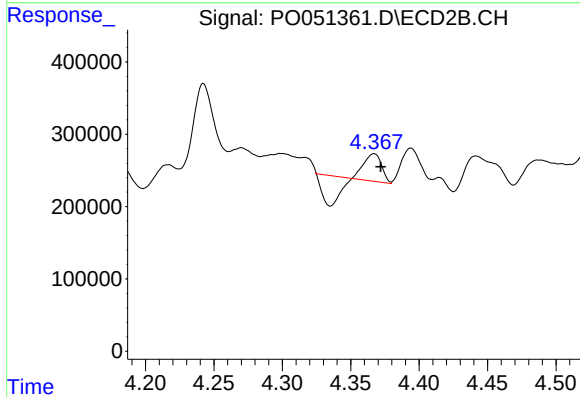
R.T.: 4.367 min
Delta R.T.: 0.011 min
Response: 30104
Conc: 4.77 ng/ml



#17 AR-1242-2

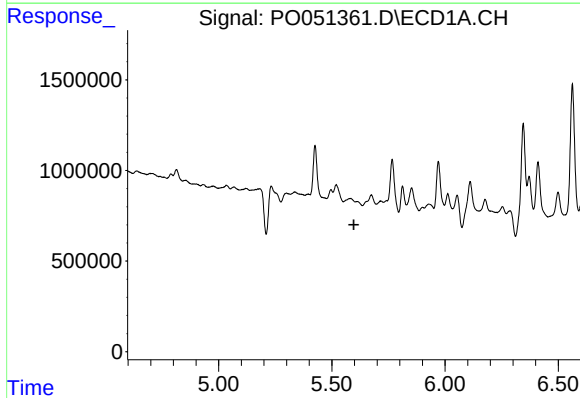
R.T.: 5.519 min
Delta R.T.: -0.018 min
Response: 1477139
Conc: 69.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



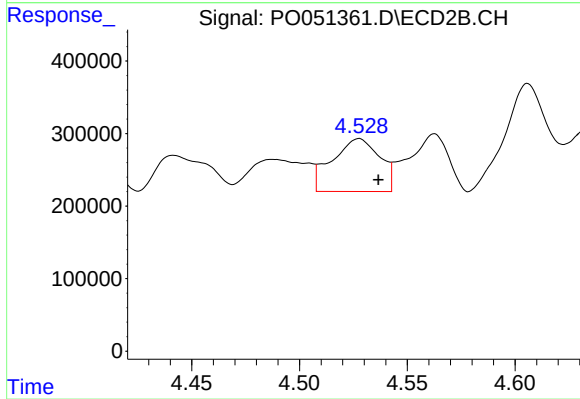
#17 AR-1242-2

R.T.: 4.367 min
Delta R.T.: -0.005 min
Response: 30104
Conc: 2.93 ng/ml



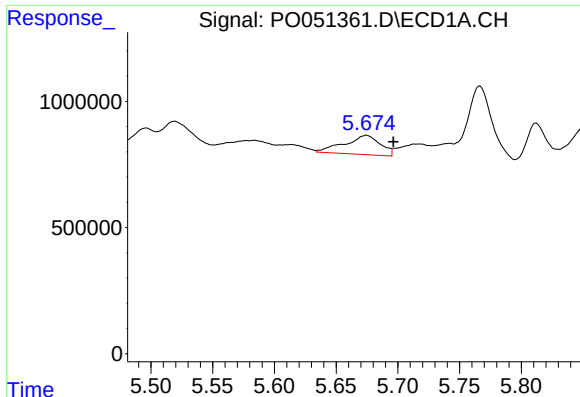
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.597 min
Response: 0
Conc: N.D.



#18 AR-1242-3

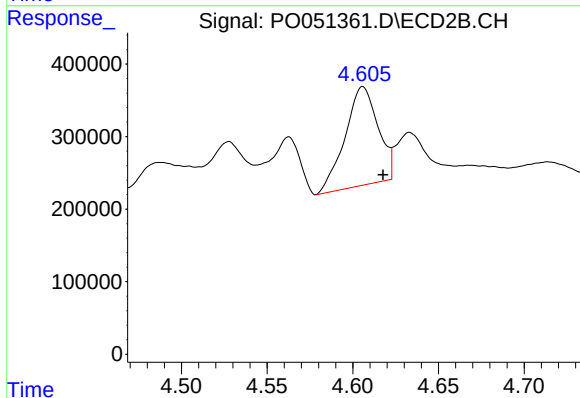
R.T.: 4.528 min
Delta R.T.: -0.009 min
Response: 1118140
Conc: 213.21 ng/ml



#19 AR-1242-4

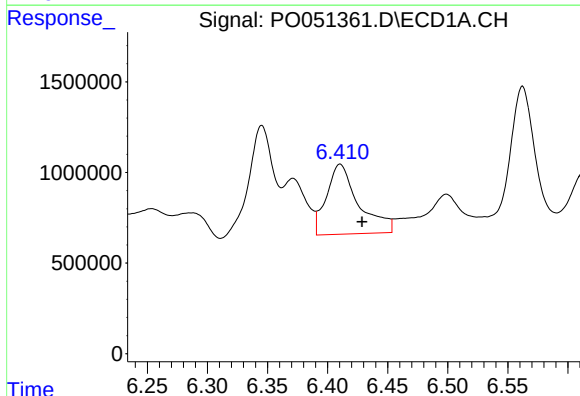
R.T.: 5.675 min
Delta R.T.: -0.022 min
Response: 1543571
Conc: 149.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



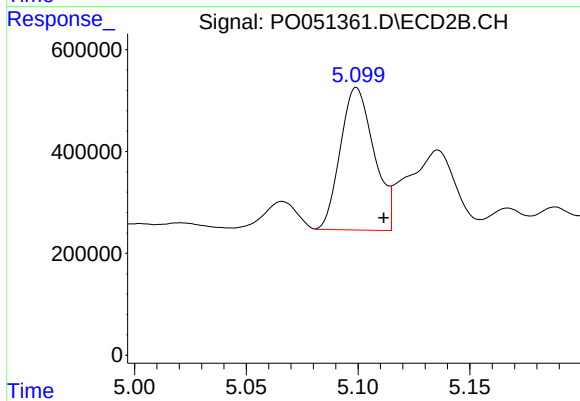
#19 AR-1242-4

R.T.: 4.606 min
Delta R.T.: -0.012 min
Response: 1820529
Conc: 367.13 ng/ml



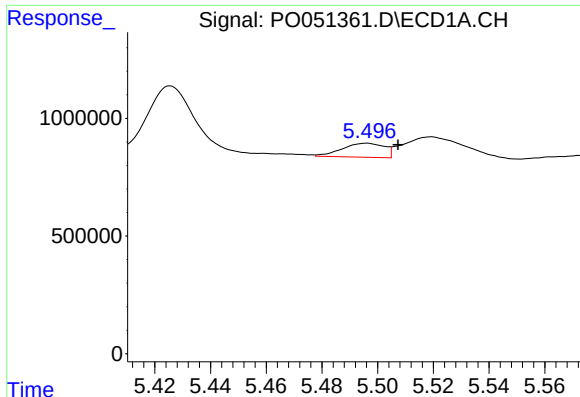
#20 AR-1242-5

R.T.: 6.410 min
Delta R.T.: -0.018 min
Response: 7192842
Conc: 673.69 ng/ml



#20 AR-1242-5

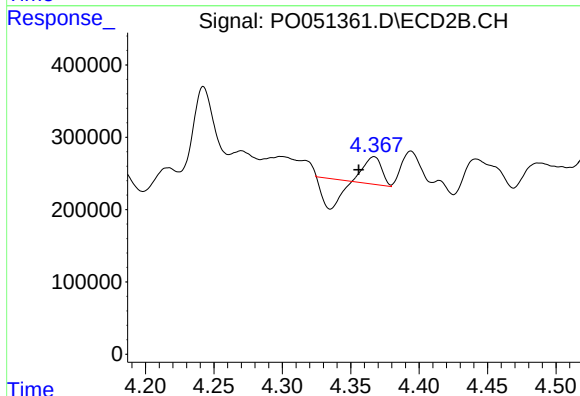
R.T.: 5.099 min
Delta R.T.: -0.012 min
Response: 2935986
Conc: 463.33 ng/ml



#21 AR-1248-1

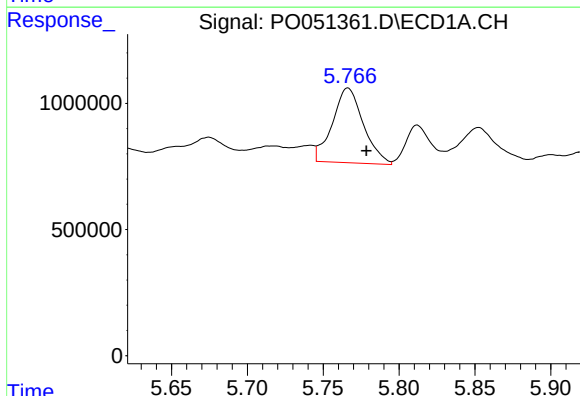
R.T.: 5.496 min
Delta R.T.: -0.011 min
Response: 628767
Conc: 54.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



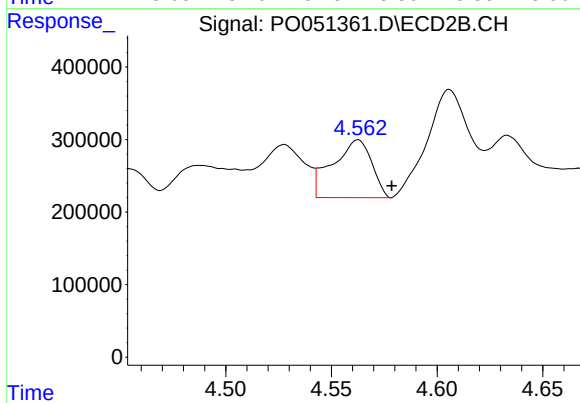
#21 AR-1248-1

R.T.: 4.367 min
Delta R.T.: 0.011 min
Response: 30104
Conc: 5.63 ng/ml



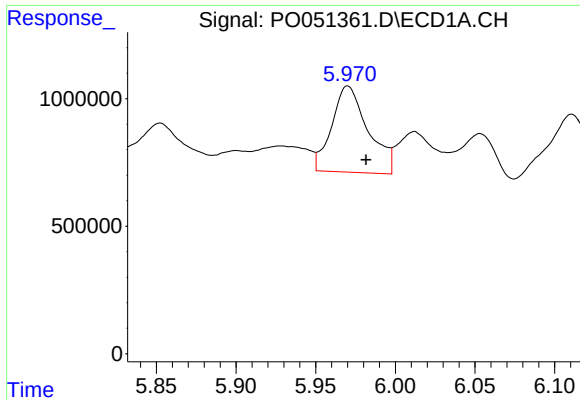
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.012 min
Response: 4214084
Conc: 267.70 ng/ml



#22 AR-1248-2

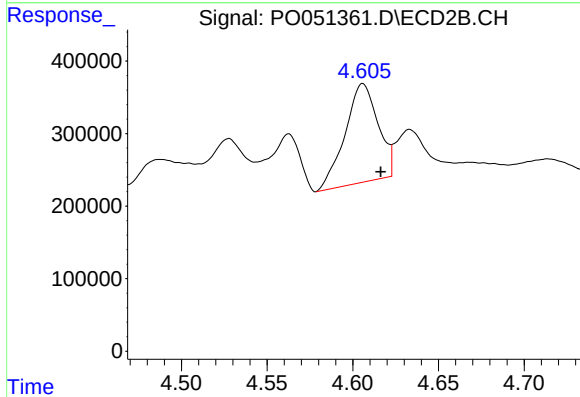
R.T.: 4.563 min
Delta R.T.: -0.016 min
Response: 1027581
Conc: 131.11 ng/ml



#23 AR-1248-3

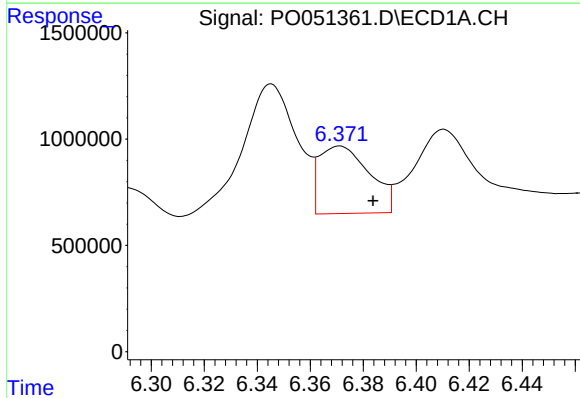
R.T.: 5.970 min
Delta R.T.: -0.011 min
Response: 5373146
Conc: 302.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



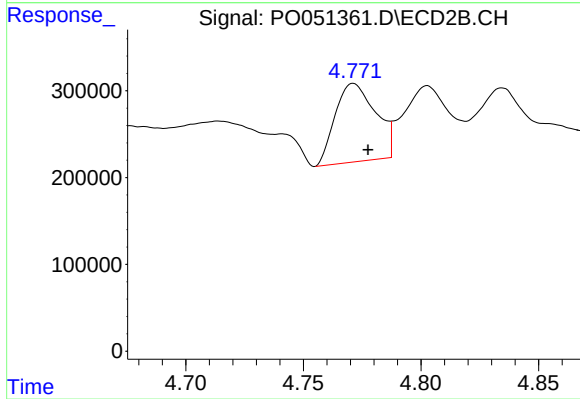
#23 AR-1248-3

R.T.: 4.606 min
Delta R.T.: -0.010 min
Response: 1820529
Conc: 232.71 ng/ml



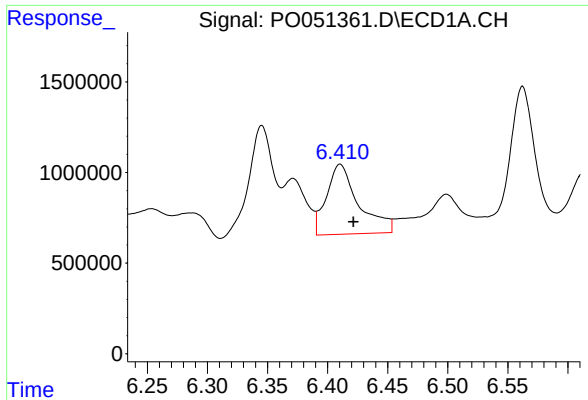
#24 AR-1248-4

R.T.: 6.371 min
Delta R.T.: -0.013 min
Response: 4168339
Conc: 208.90 ng/ml



#24 AR-1248-4

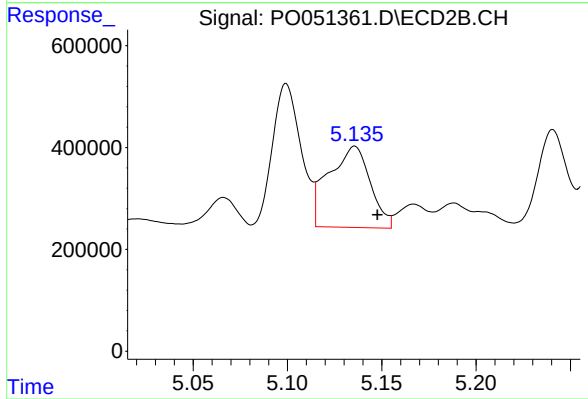
R.T.: 4.771 min
Delta R.T.: -0.006 min
Response: 1079847
Conc: 110.32 ng/ml



#25 AR-1248-5

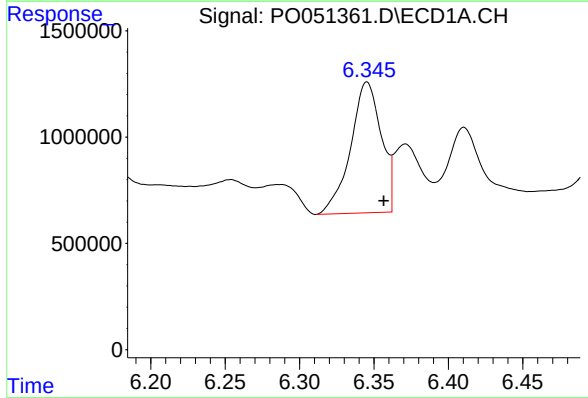
R.T.: 6.410 min
Delta R.T.: -0.011 min
Response: 7192842
Conc: 381.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



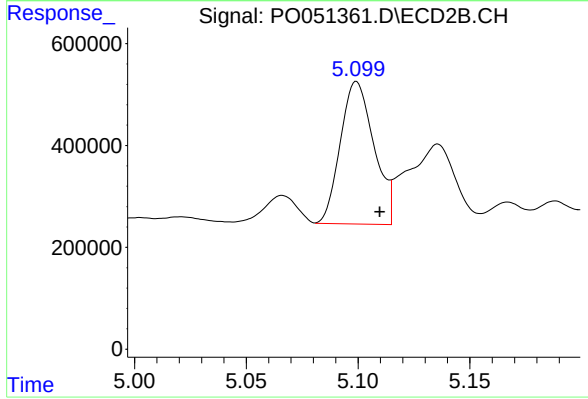
#25 AR-1248-5

R.T.: 5.136 min
Delta R.T.: -0.012 min
Response: 2446876
Conc: 248.88 ng/ml



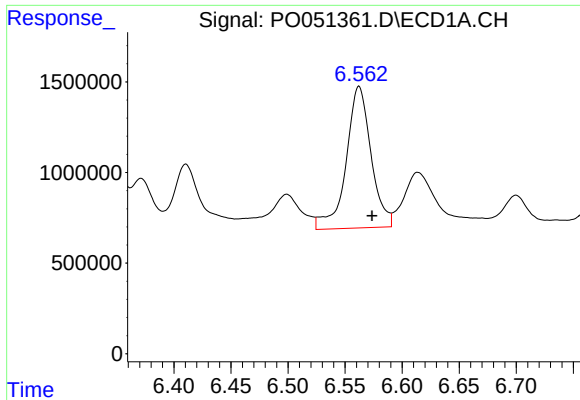
#26 AR-1254-1

R.T.: 6.345 min
Delta R.T.: -0.011 min
Response: 8842222
Conc: 455.57 ng/ml



#26 AR-1254-1

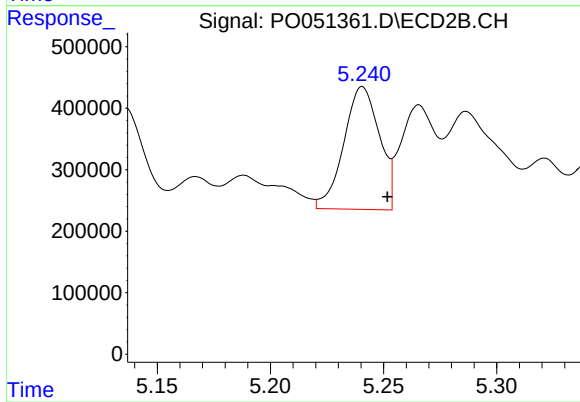
R.T.: 5.099 min
Delta R.T.: -0.010 min
Response: 2935986
Conc: 195.22 ng/ml



#27 AR-1254-2

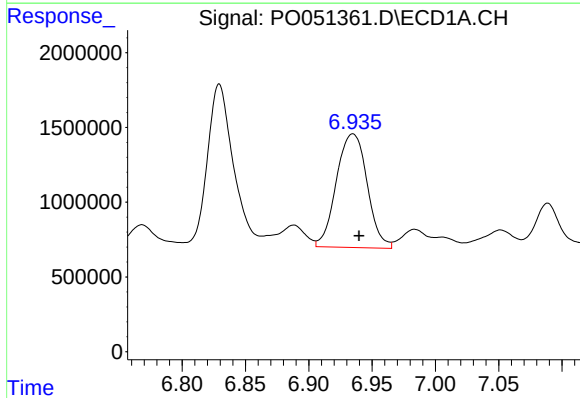
R.T.: 6.562 min
Delta R.T.: -0.011 min
Response: 11894498
Conc: 393.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



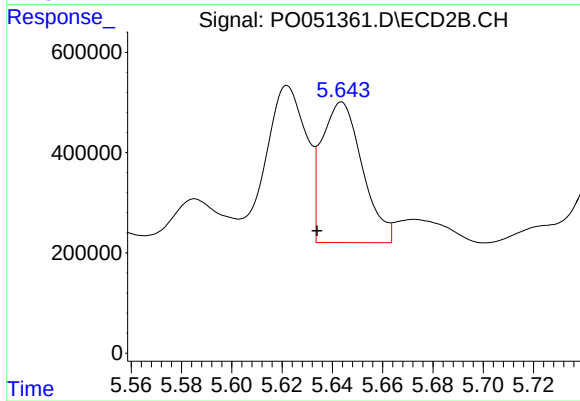
#27 AR-1254-2

R.T.: 5.241 min
Delta R.T.: -0.011 min
Response: 2195285
Conc: 167.33 ng/ml



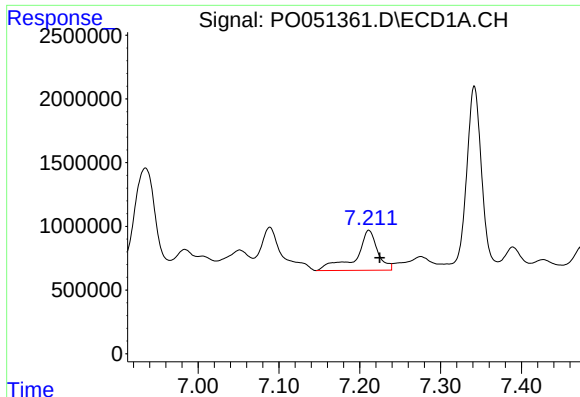
#28 AR-1254-3

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 12875314
Conc: 423.24 ng/ml



#28 AR-1254-3

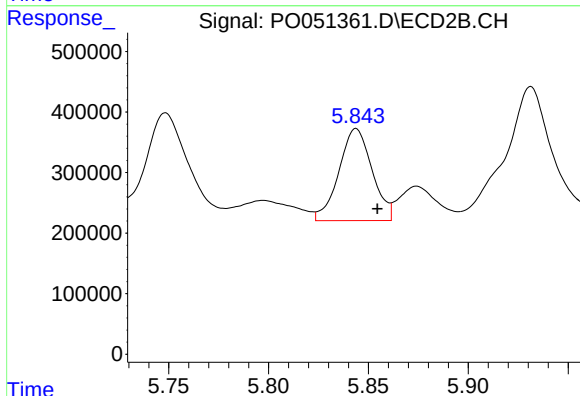
R.T.: 5.644 min
Delta R.T.: 0.010 min
Response: 3134278
Conc: 149.27 ng/ml



#29 AR-1254-4

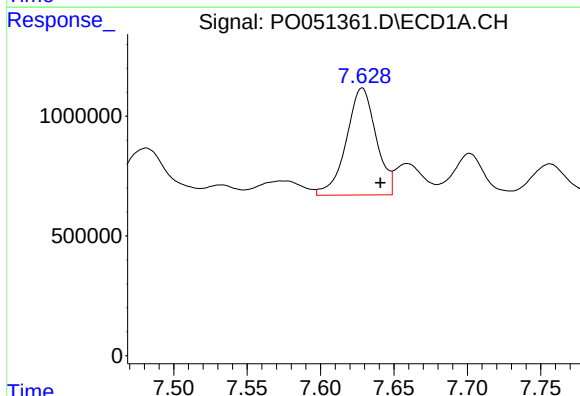
R.T.: 7.211 min
Delta R.T.: -0.013 min
Response: 5868309
Conc: 262.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



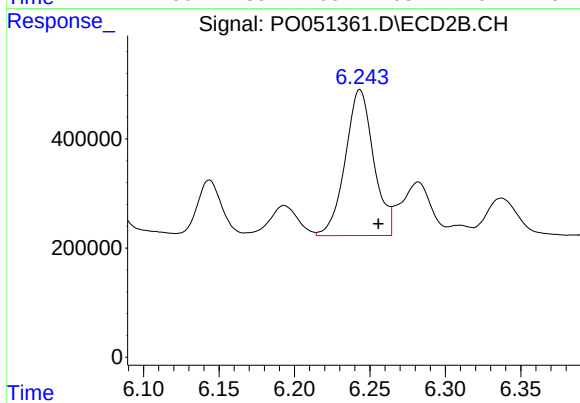
#29 AR-1254-4

R.T.: 5.844 min
Delta R.T.: -0.011 min
Response: 1758798
Conc: 134.92 ng/ml



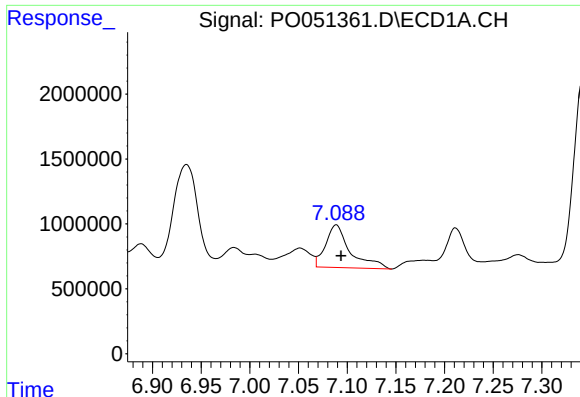
#30 AR-1254-5

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 6311977
Conc: 283.32 ng/ml



#30 AR-1254-5

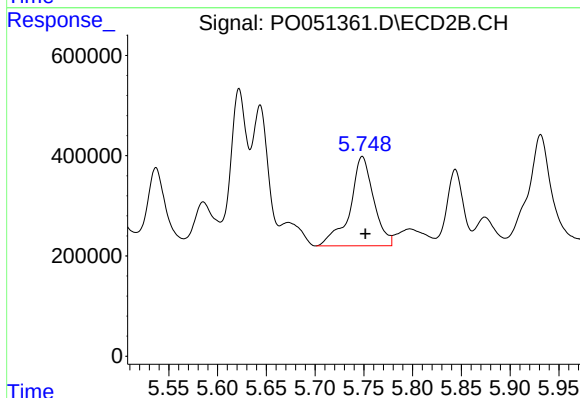
R.T.: 6.243 min
Delta R.T.: -0.012 min
Response: 3507128
Conc: 196.52 ng/ml



#31 AR-1260-1

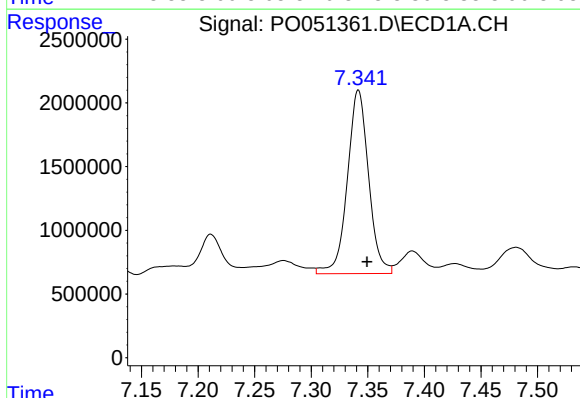
R.T.: 7.089 min
Delta R.T.: -0.005 min
Response: 5774224
Conc: 259.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



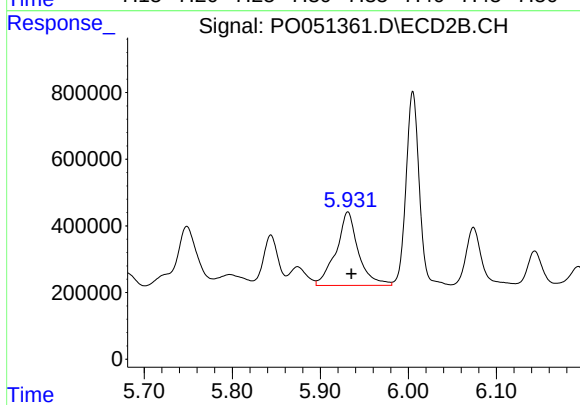
#31 AR-1260-1

R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 3016573
Conc: 211.33 ng/ml



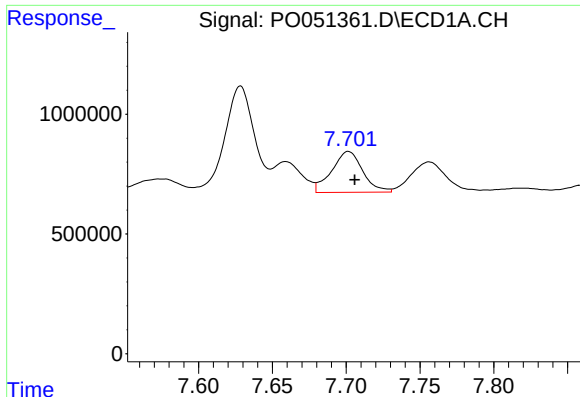
#32 AR-1260-2

R.T.: 7.342 min
Delta R.T.: -0.008 min
Response: 18830914
Conc: 656.01 ng/ml



#32 AR-1260-2

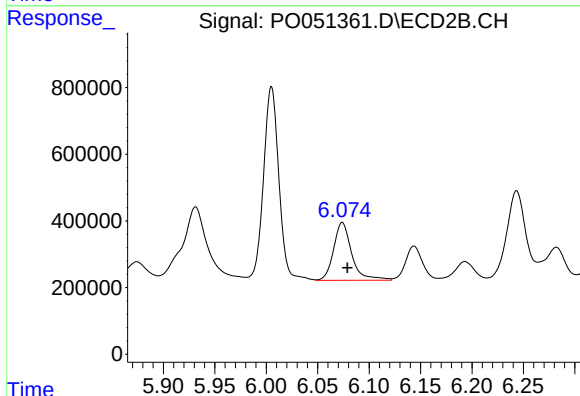
R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 3888392
Conc: 205.33 ng/ml



#33 AR-1260-3

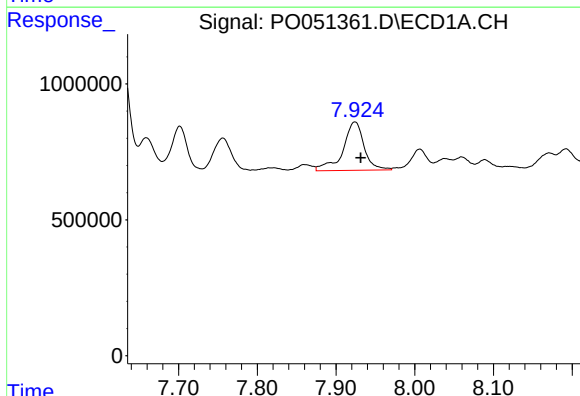
R.T.: 7.702 min
Delta R.T.: -0.004 min
Response: 2502437
Conc: 128.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



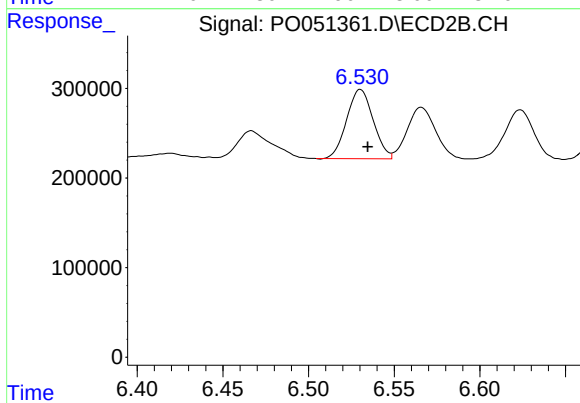
#33 AR-1260-3

R.T.: 6.074 min
Delta R.T.: -0.005 min
Response: 2128426
Conc: 129.45 ng/ml



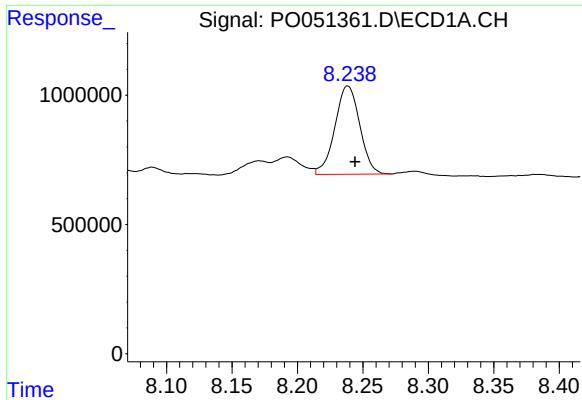
#34 AR-1260-4

R.T.: 7.924 min
Delta R.T.: -0.007 min
Response: 3328615
Conc: 177.20 ng/ml



#34 AR-1260-4

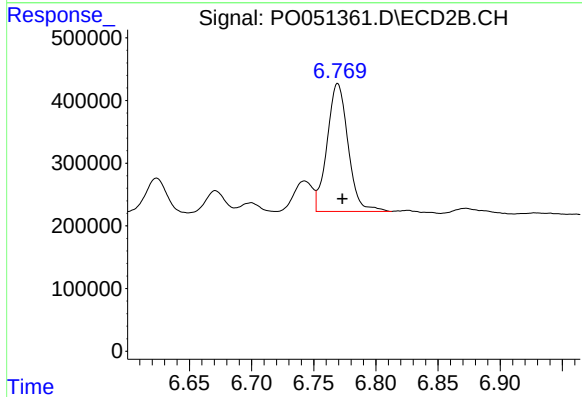
R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 832500
Conc: 76.52 ng/ml



#35 AR-1260-5

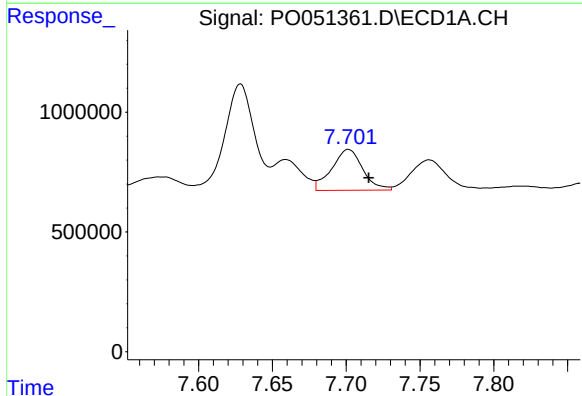
R.T.: 8.238 min
Delta R.T.: -0.005 min
Response: 4516342
Conc: 119.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



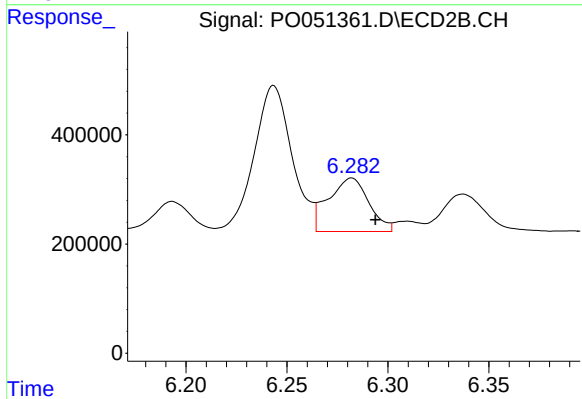
#35 AR-1260-5

R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 2398044
Conc: 82.29 ng/ml



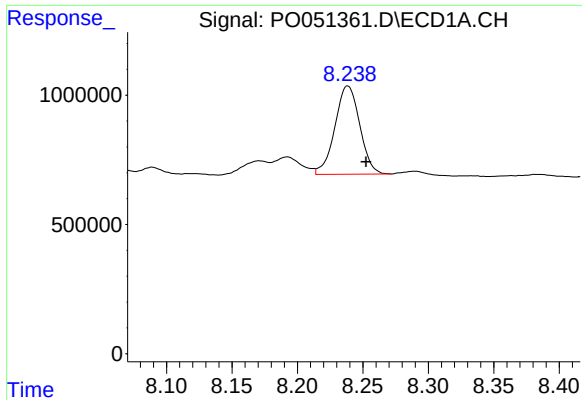
#36 AR-1262-1

R.T.: 7.702 min
Delta R.T.: -0.014 min
Response: 2502437
Conc: 77.38 ng/ml



#36 AR-1262-1

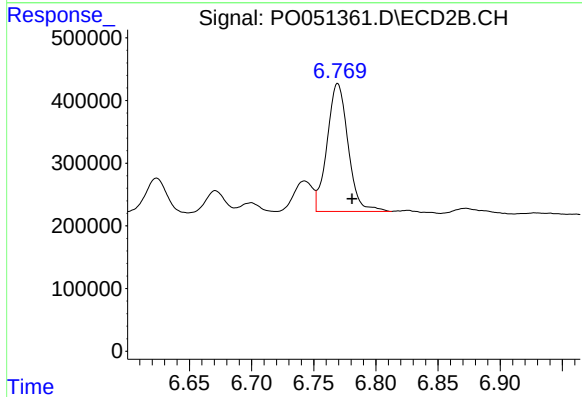
R.T.: 6.282 min
Delta R.T.: -0.012 min
Response: 1368052
Conc: 59.07 ng/ml



#37 AR-1262-2

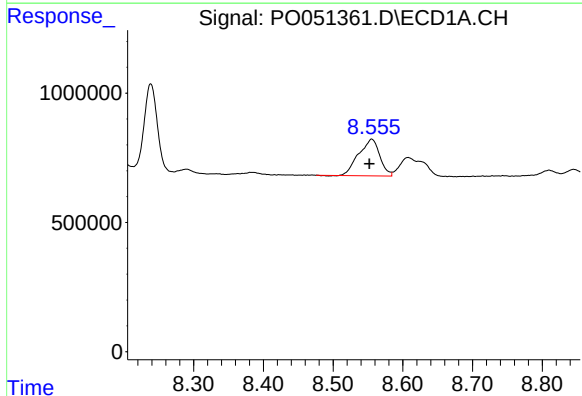
R.T.: 8.238 min
Delta R.T.: -0.014 min
Response: 4516342
Conc: 91.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



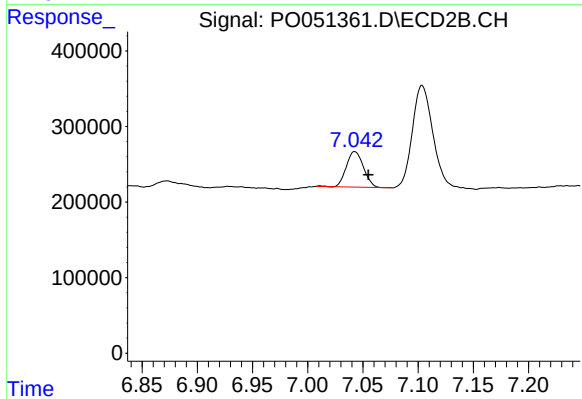
#37 AR-1262-2

R.T.: 6.769 min
Delta R.T.: -0.012 min
Response: 2398044
Conc: 64.00 ng/ml



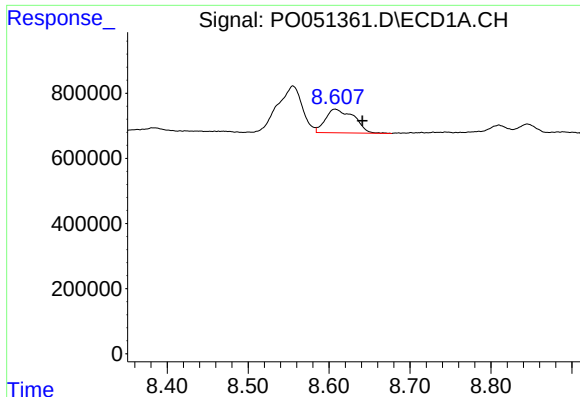
#38 AR-1262-3

R.T.: 8.555 min
Delta R.T.: 0.003 min
Response: 2981164
Conc: 96.60 ng/ml



#38 AR-1262-3

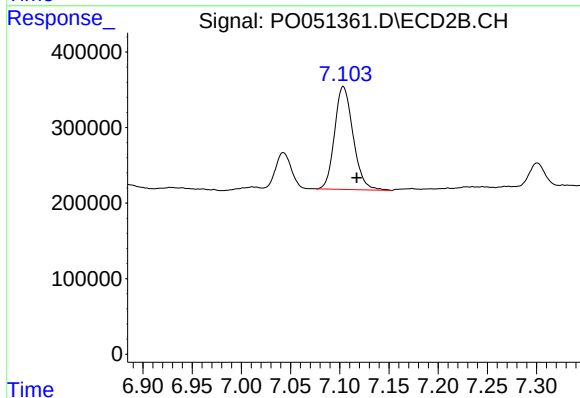
R.T.: 7.043 min
Delta R.T.: -0.012 min
Response: 507515
Conc: 32.81 ng/ml



#39 AR-1262-4

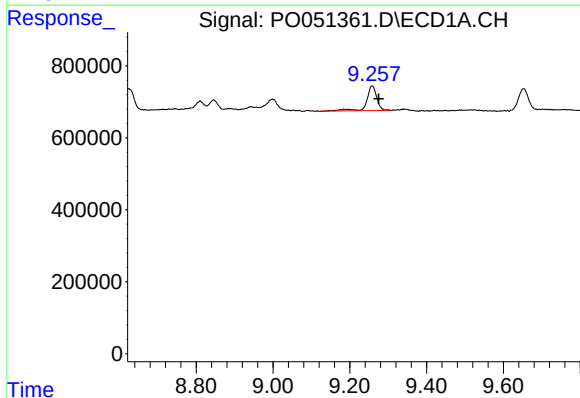
R.T.: 8.607 min
Delta R.T.: -0.034 min
Response: 1795803
Conc: 73.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



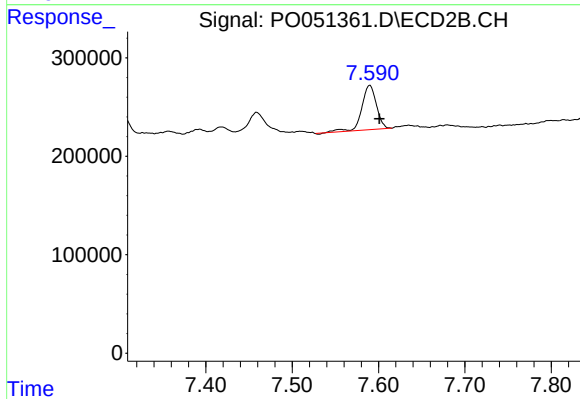
#39 AR-1262-4

R.T.: 7.104 min
Delta R.T.: -0.014 min
Response: 1780805
Conc: 68.32 ng/ml



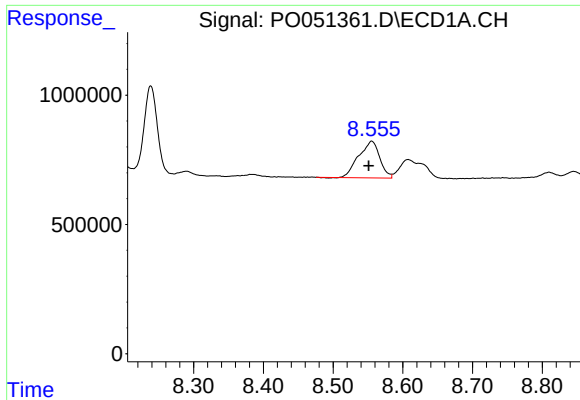
#40 AR-1262-5

R.T.: 9.258 min
Delta R.T.: -0.018 min
Response: 1255125
Conc: 79.98 ng/ml



#40 AR-1262-5

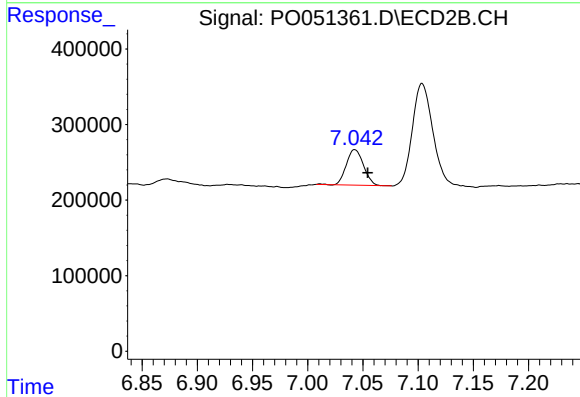
R.T.: 7.590 min
Delta R.T.: -0.011 min
Response: 532194
Conc: 47.07 ng/ml



#41 AR-1268-1

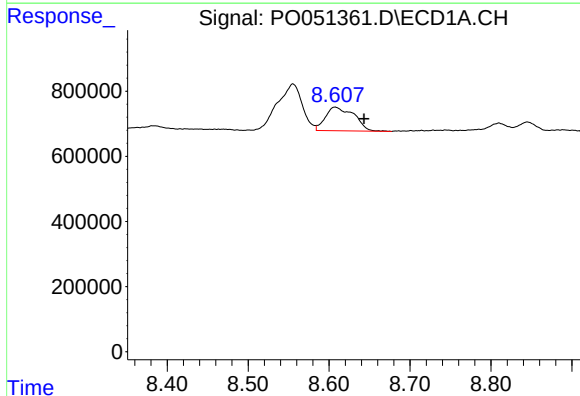
R.T.: 8.555 min
Delta R.T.: 0.004 min
Response: 2981164
Conc: 45.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



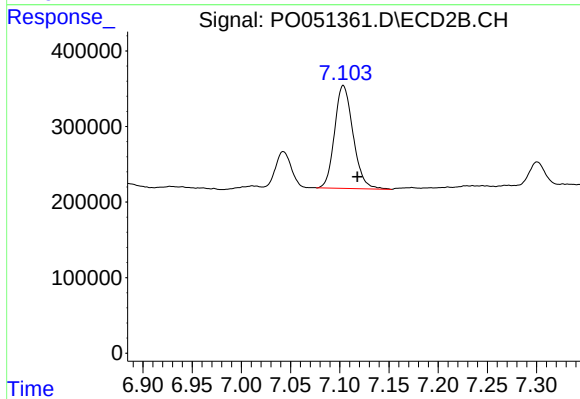
#41 AR-1268-1

R.T.: 7.043 min
Delta R.T.: -0.012 min
Response: 507515
Conc: 10.13 ng/ml



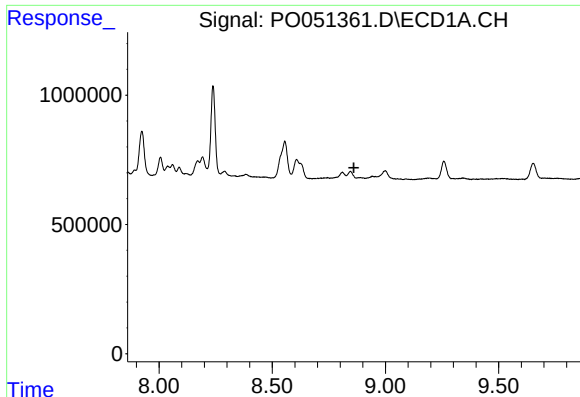
#42 AR-1268-2

R.T.: 8.607 min
Delta R.T.: -0.036 min
Response: 1795803
Conc: 30.71 ng/ml



#42 AR-1268-2

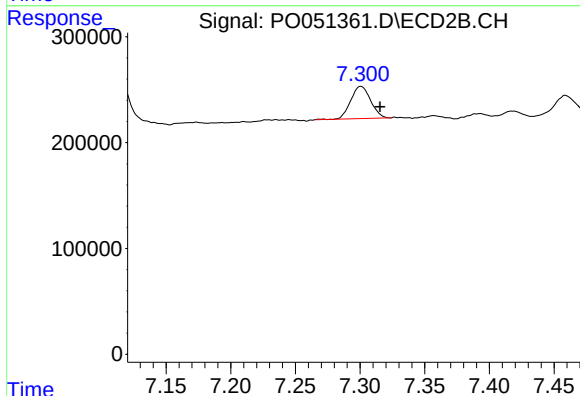
R.T.: 7.104 min
Delta R.T.: -0.014 min
Response: 1780805
Conc: 40.86 ng/ml



#43 AR-1268-3

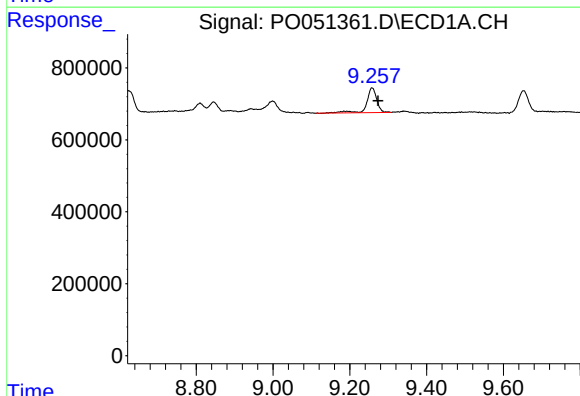
R.T.: 0.000 min
Exp R.T.: 8.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



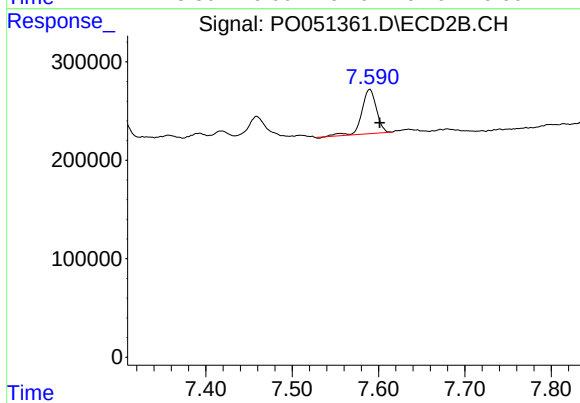
#43 AR-1268-3

R.T.: 7.301 min
Delta R.T.: -0.015 min
Response: 323326
Conc: 8.27 ng/ml



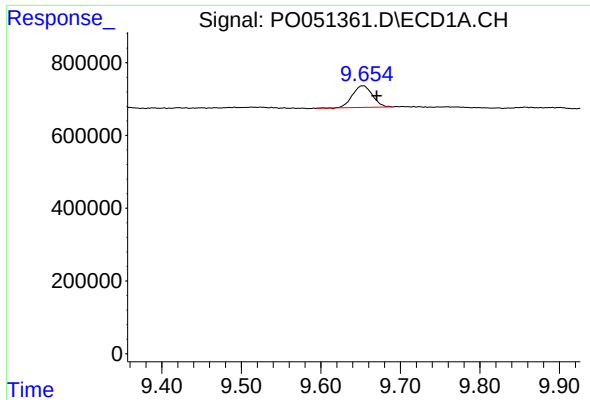
#44 AR-1268-4

R.T.: 9.258 min
Delta R.T.: -0.016 min
Response: 1255125
Conc: 65.88 ng/ml



#44 AR-1268-4

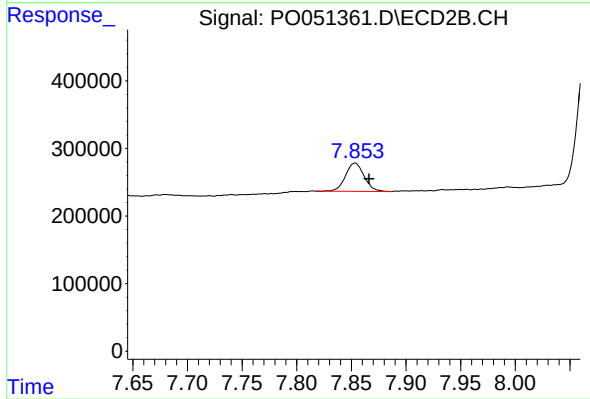
R.T.: 7.590 min
Delta R.T.: -0.011 min
Response: 532194
Conc: 38.40 ng/ml



#45 AR-1268-5

R.T.: 9.653 min
Delta R.T.: -0.017 min
Response: 1033251
Conc: 6.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.853 min
Delta R.T.: -0.013 min
Response: 496360
Conc: 4.95 ng/ml