

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0090123\
 Data File : P0097633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2023 15:01
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 23:54:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.449	3.626	160.4E6	35219060	48.049	52.205
2)	SA Decachlor...	10.300	8.667	95414551	32505052	51.987	56.625
Target Compounds							
3)	L1 AR-1016-1	5.626	4.718	39439989	10452710	438.182	480.172
4)	L1 AR-1016-2	5.649	4.737	58338887	14383344	420.440	476.671
5)	L1 AR-1016-3	5.711	4.914	36883446	7676099	406.797	475.201
6)	L1 AR-1016-4	5.811	4.956	28216821	6294285	406.965	438.649
7)	L1 AR-1016-5	6.108	5.170	29690801	8603595	418.008	470.445
8)	L2 AR-1221-1	4.655	3.841	6320777	1191194	157.053	145.512
9)	L2 AR-1221-2	4.746	3.927	7667286	1521699	255.072	262.555
10)	L2 AR-1221-3	4.822	4.004	25505207	5497397	286.314	298.966
11)	L3 AR-1232-1	4.822	4.004	25505207	5497397	345.809	364.884
12)	L3 AR-1232-2	5.356	4.737	33942162	14383344	885.723	1030.309
13)	L3 AR-1232-3	5.649	4.914	58338887	7676099	902.015	1092.913
14)	L3 AR-1232-4	5.811	4.998	28216821	8039019	885.819	1136.969 #
15)	L3 AR-1232-5	5.902	5.170	23779992	8603595	808.176	1093.054 #
16)	L4 AR-1242-1	5.626	4.718	39439989	10452710	486.970	541.867
17)	L4 AR-1242-2	5.649	4.737	58338887	14383344	467.133	528.418
18)	L4 AR-1242-3	5.711	4.914	36883446	7676099	448.598	534.894
19)	L4 AR-1242-4	5.811	4.998	28216821	8039019	449.494	507.564
20)	L4 AR-1242-5	6.554	5.524	-5609505	9615283	N.D.	544.830 #
21)	L5 AR-1248-1	5.626	4.718	39439989	10452710	668.720	760.654
22)	L5 AR-1248-2	5.902	4.956	23779992	6294285	240.434	283.859
23)	L5 AR-1248-3	6.108	4.998	29690801	8039019	286.573	349.635
24)	L5 AR-1248-4	6.515	5.170	4551992	8603595	49.760	317.044 #
25)	L5 AR-1248-5	6.554	5.565	-5609505	7924979	N.D.	350.543 #
26)	L6 AR-1254-1	6.487	5.524	9372764	9615283	85.252	249.130 #
27)	L6 AR-1254-2	6.712	5.673	23538295	2510901	144.442	73.718 #
28)	L6 AR-1254-3	7.079	6.079	10265511	2962642	63.035	55.836
29)	L6 AR-1254-4	7.367	6.308	6456229	2135643	66.238	78.319
30)	L6 AR-1254-5	7.791	6.728	2008215	1078327	17.784	24.458 #
31)	L7 AR-1260-1	7.245	6.225	1348208	1121853	10.562	30.037 #
32)	L7 AR-1260-2	7.503	6.398	851807	677279	6.251	16.006 #
33)	L7 AR-1260-3	7.857	6.550	216300	624291	2.046	14.914 #
34)	L7 AR-1260-4	8.083	7.026	297871	114083	2.633	3.527 #
35)	L7 AR-1260-5	8.418	7.266	1845812	691770	9.819	10.477
36)	L8 AR-1262-1	7.857	6.834	216300	13647	1.437	0.680 #
37)	L8 AR-1262-2	8.418	7.026	1845812	114083	8.429	2.611 #
38)	L8 AR-1262-3	8.718	7.549	29488	232520	0.190	7.461 #
39)	L8 AR-1262-4	8.799	7.614	731426	467000	5.867	8.302 #
40)	L8 AR-1262-5	9.512	8.116	1385401	94784	20.146	4.029 #
41)	L9 AR-1268-1	8.718	7.549	29488	232520	0.104	2.429 #

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 Acq On : 01 Sep 2023 15:01
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

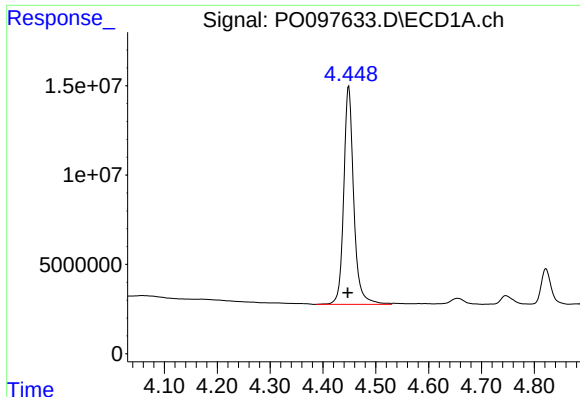
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 23:54:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.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	8.873f	7.614	53752	467000	0.212	5.634 #
43) L9	AR-1268-3	9.083	7.929	561653	55239	2.490	2.788
44) L9	AR-1268-4	9.512	8.116	1385401	94784	17.999	3.668 #
45) L9	AR-1268-5	9.949	8.411	2108997	355621	3.054	1.560 #

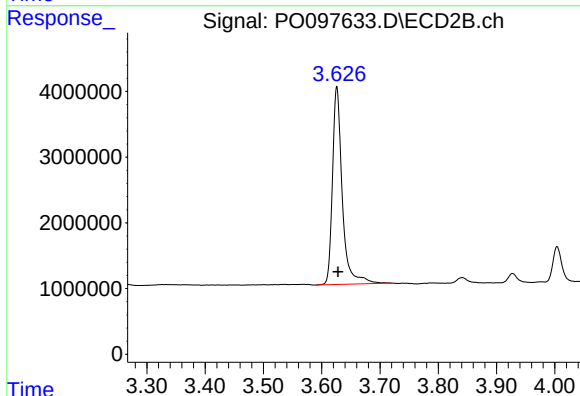
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

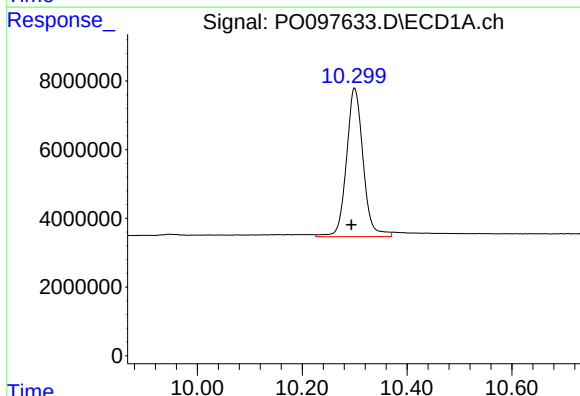
R.T.: 4.449 min
Delta R.T.: 0.002 min
Response: 160368879
Conc: 48.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



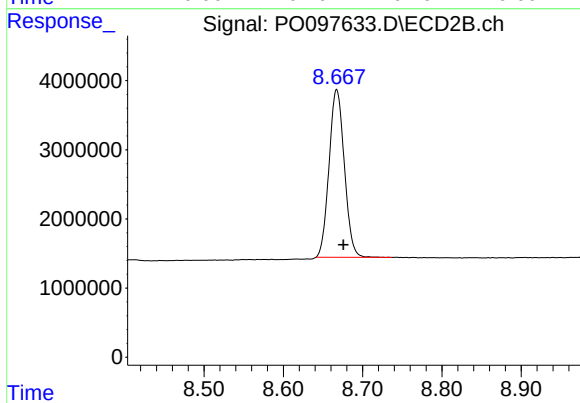
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.002 min
Response: 35219060
Conc: 52.20 ng/ml



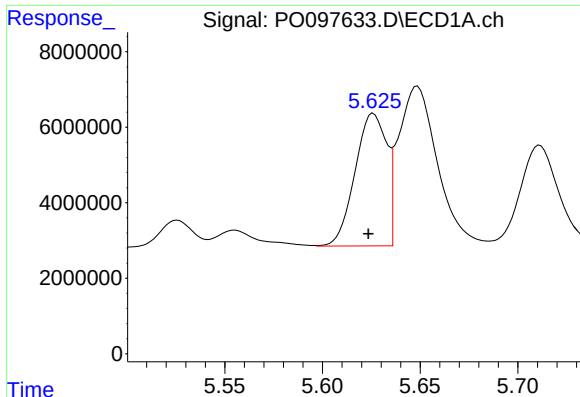
#2 Decachlorobiphenyl

R.T.: 10.300 min
Delta R.T.: 0.006 min
Response: 95414551
Conc: 51.99 ng/ml



#2 Decachlorobiphenyl

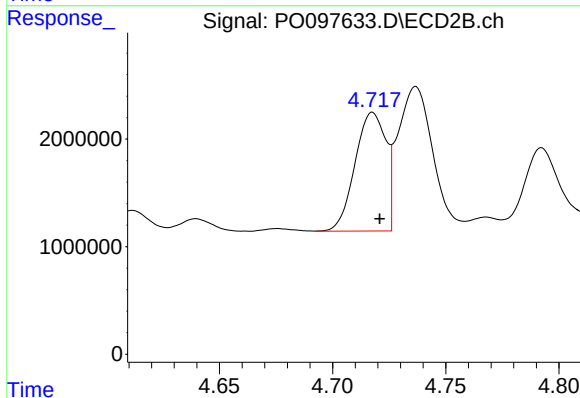
R.T.: 8.667 min
Delta R.T.: -0.008 min
Response: 32505052
Conc: 56.63 ng/ml



#3 AR-1016-1

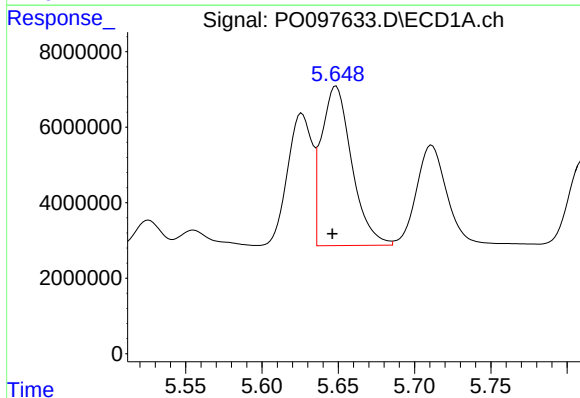
R.T.: 5.626 min
Delta R.T.: 0.003 min
Response: 39439989
Conc: 438.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



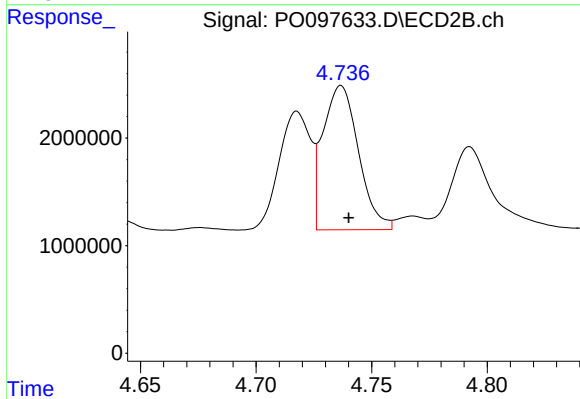
#3 AR-1016-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 10452710
Conc: 480.17 ng/ml



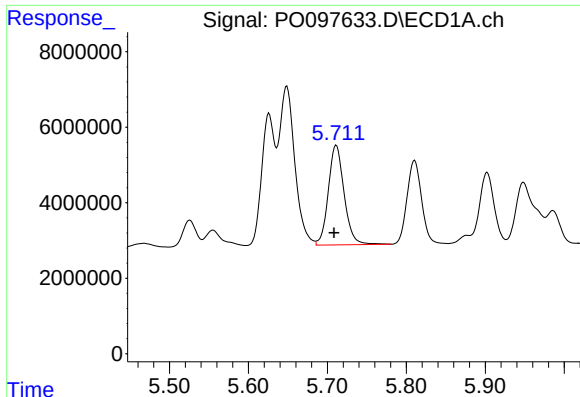
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: 0.003 min
Response: 58338887
Conc: 420.44 ng/ml



#4 AR-1016-2

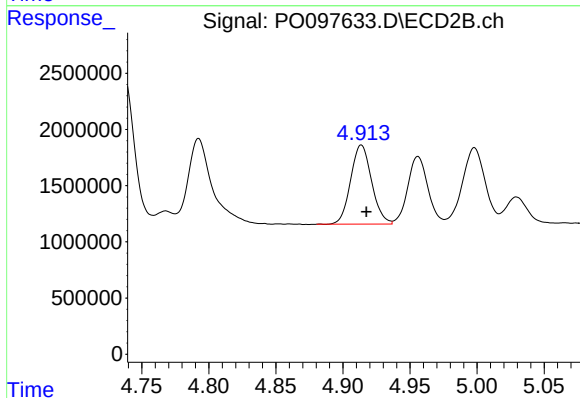
R.T.: 4.737 min
Delta R.T.: -0.003 min
Response: 14383344
Conc: 476.67 ng/ml



#5 AR-1016-3

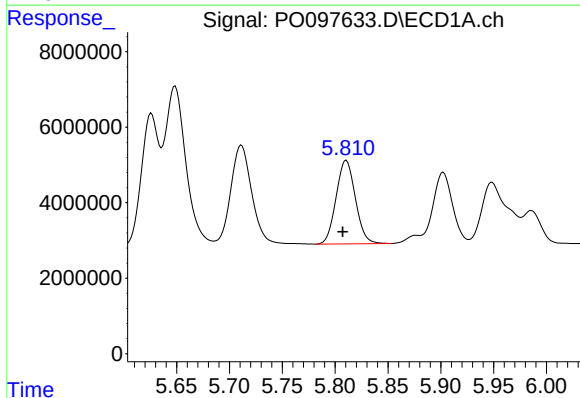
R.T.: 5.711 min
Delta R.T.: 0.003 min
Response: 36883446
Conc: 406.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



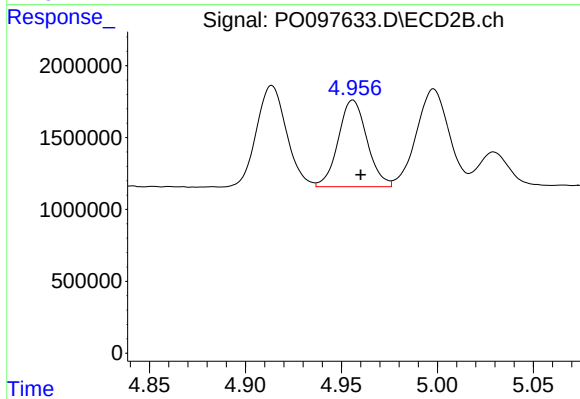
#5 AR-1016-3

R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 7676099
Conc: 475.20 ng/ml



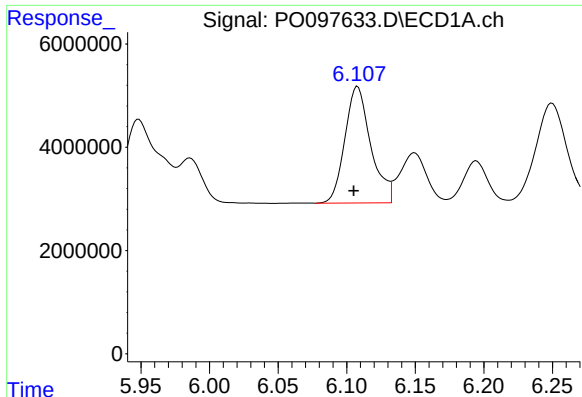
#6 AR-1016-4

R.T.: 5.811 min
Delta R.T.: 0.003 min
Response: 28216821
Conc: 406.97 ng/ml



#6 AR-1016-4

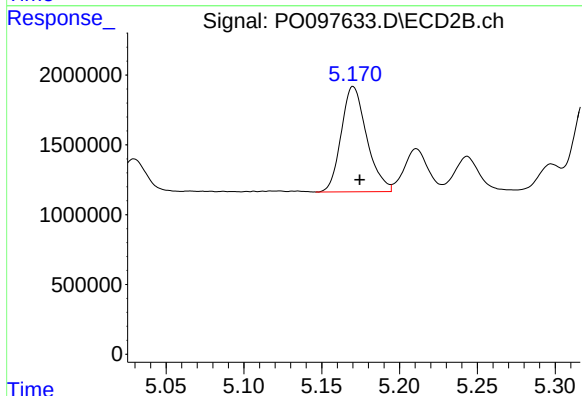
R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 6294285
Conc: 438.65 ng/ml



#7 AR-1016-5

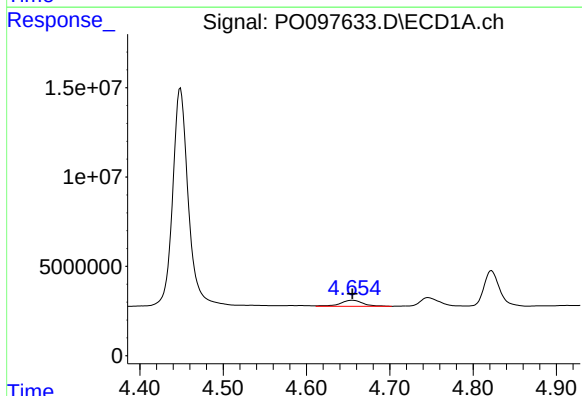
R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 29690801
Conc: 418.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



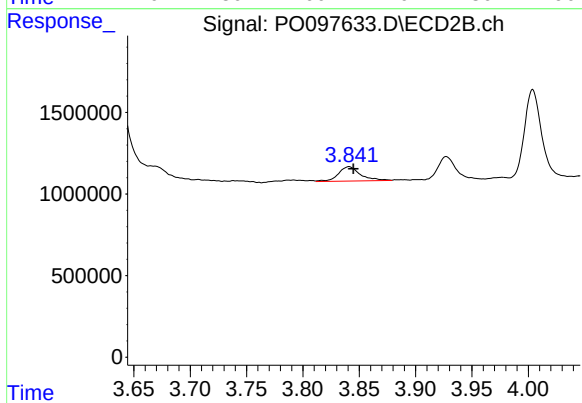
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 8603595
Conc: 470.44 ng/ml



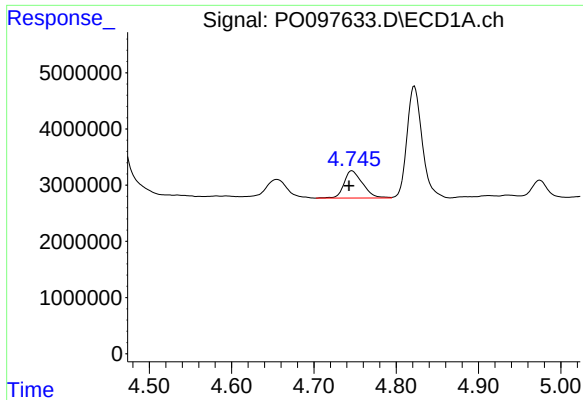
#8 AR-1221-1

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 6320777
Conc: 157.05 ng/ml



#8 AR-1221-1

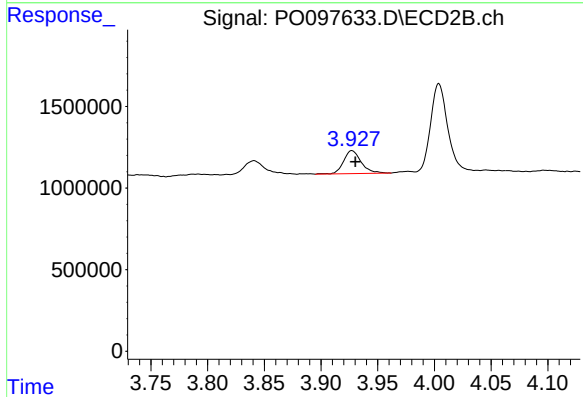
R.T.: 3.841 min
Delta R.T.: -0.004 min
Response: 1191194
Conc: 145.51 ng/ml



#9 AR-1221-2

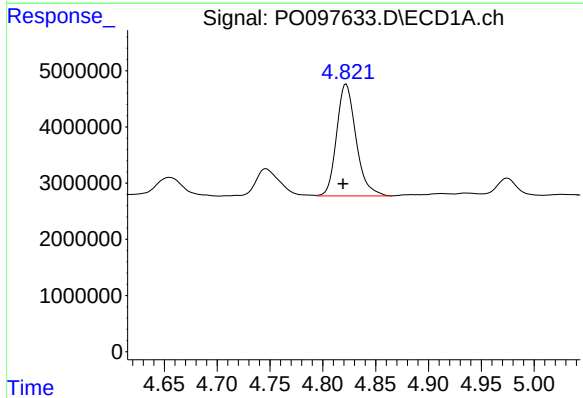
R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 7667286
Conc: 255.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



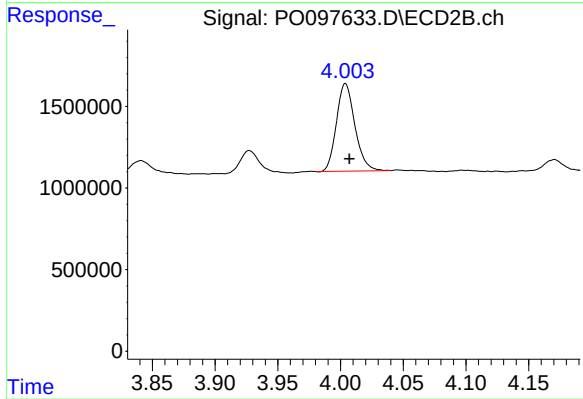
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 1521699
Conc: 262.56 ng/ml



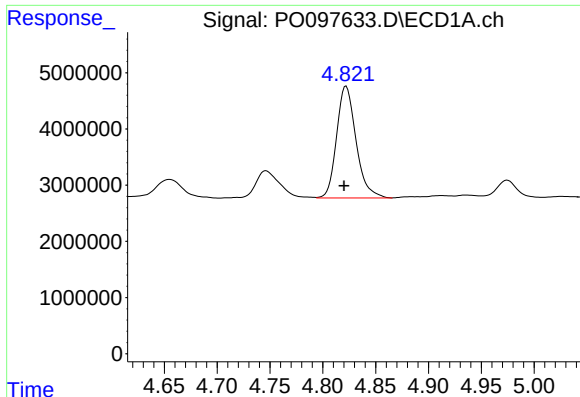
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: 0.003 min
Response: 25505207
Conc: 286.31 ng/ml



#10 AR-1221-3

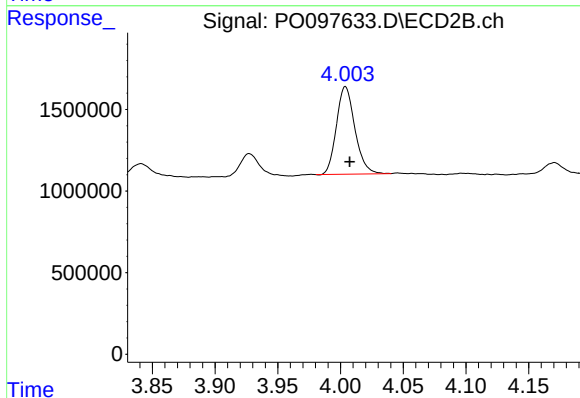
R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 5497397
Conc: 298.97 ng/ml



#11 AR-1232-1

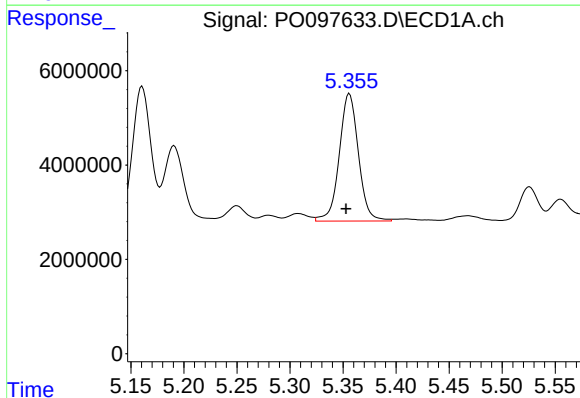
R.T.: 4.822 min
Delta R.T.: 0.002 min
Response: 25505207
Conc: 345.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



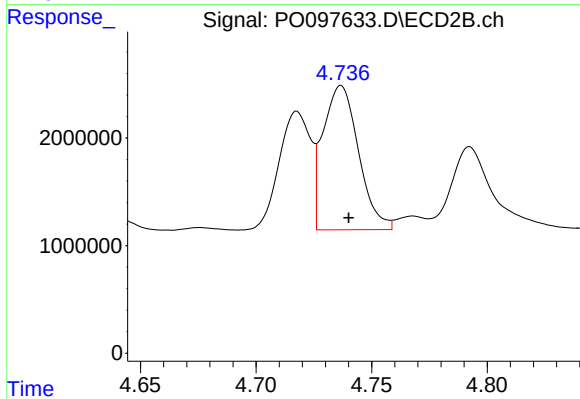
#11 AR-1232-1

R.T.: 4.004 min
Delta R.T.: -0.003 min
Response: 5497397
Conc: 364.88 ng/ml



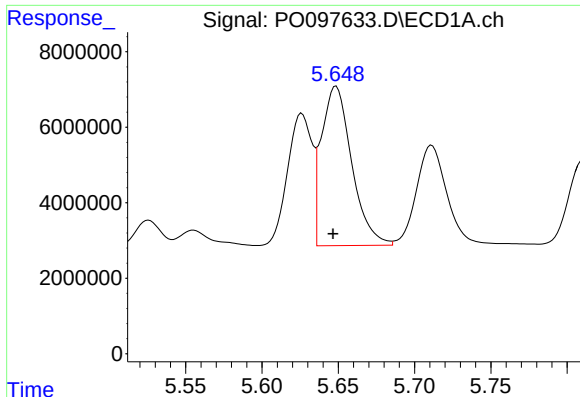
#12 AR-1232-2

R.T.: 5.356 min
Delta R.T.: 0.003 min
Response: 33942162
Conc: 885.72 ng/ml



#12 AR-1232-2

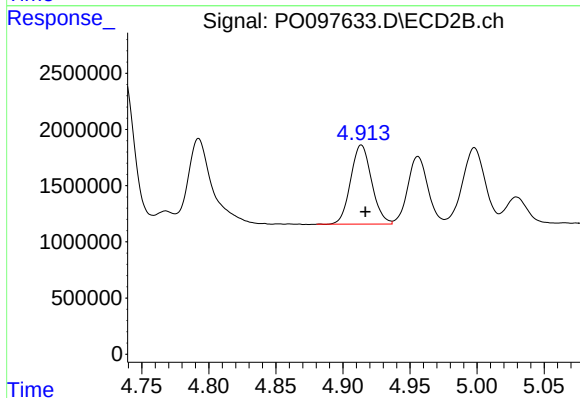
R.T.: 4.737 min
Delta R.T.: -0.003 min
Response: 14383344
Conc: 1030.31 ng/ml



#13 AR-1232-3

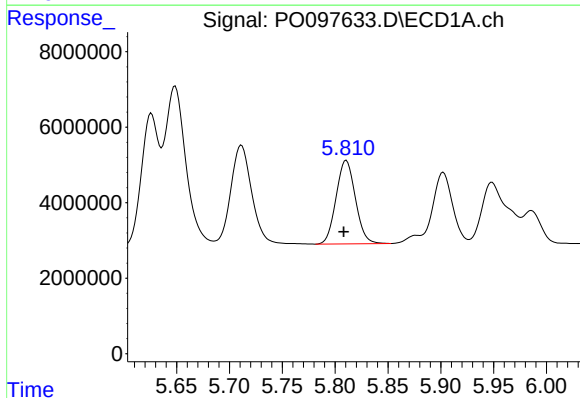
R.T.: 5.649 min
Delta R.T.: 0.002 min
Response: 58338887
Conc: 902.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



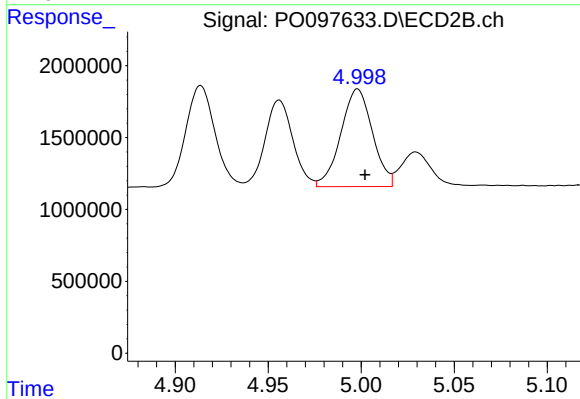
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 7676099
Conc: 1092.91 ng/ml



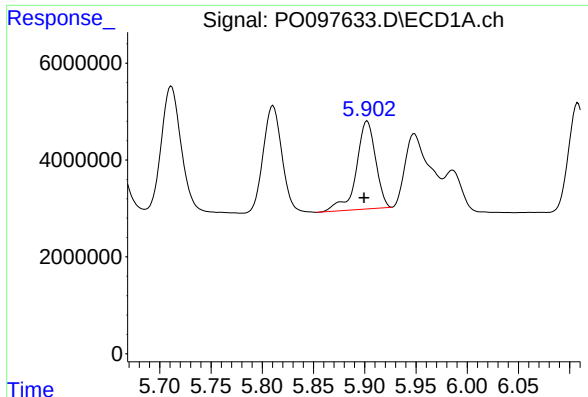
#14 AR-1232-4

R.T.: 5.811 min
Delta R.T.: 0.002 min
Response: 28216821
Conc: 885.82 ng/ml



#14 AR-1232-4

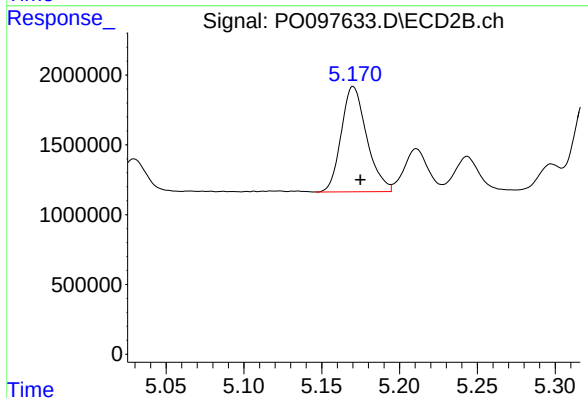
R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 8039019
Conc: 1136.97 ng/ml



#15 AR-1232-5

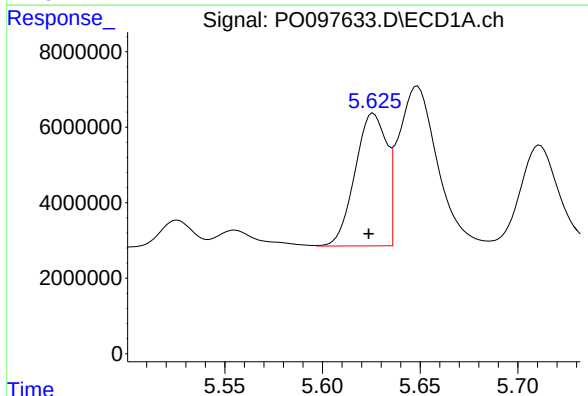
R.T.: 5.902 min
Delta R.T.: 0.003 min
Response: 23779992
Conc: 808.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



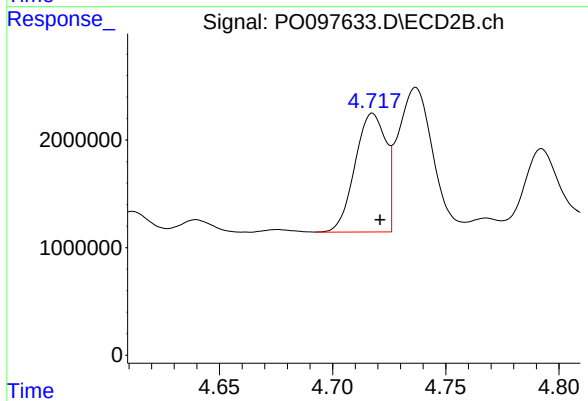
#15 AR-1232-5

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 8603595
Conc: 1093.05 ng/ml



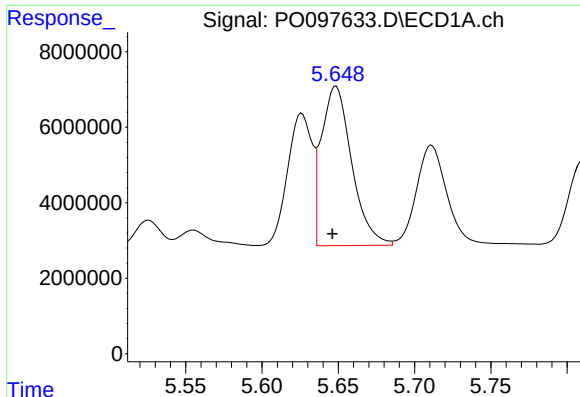
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 39439989
Conc: 486.97 ng/ml



#16 AR-1242-1

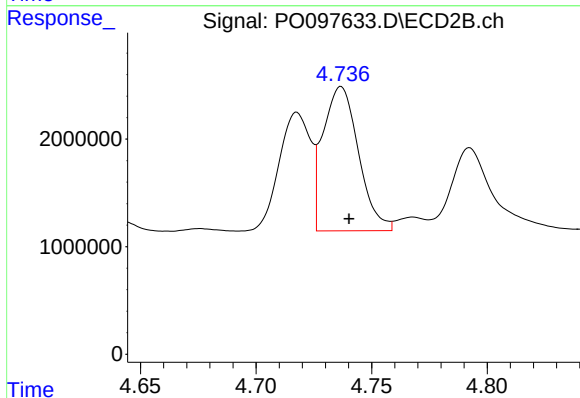
R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 10452710
Conc: 541.87 ng/ml



#17 AR-1242-2

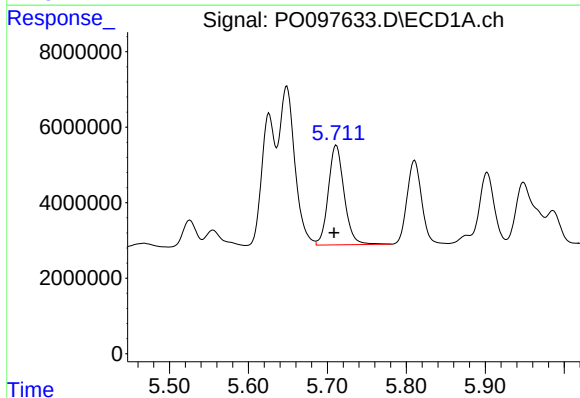
R.T.: 5.649 min
Delta R.T.: 0.002 min
Response: 58338887
Conc: 467.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



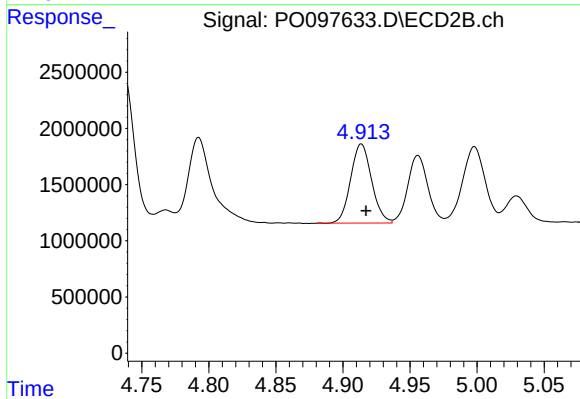
#17 AR-1242-2

R.T.: 4.737 min
Delta R.T.: -0.003 min
Response: 14383344
Conc: 528.42 ng/ml



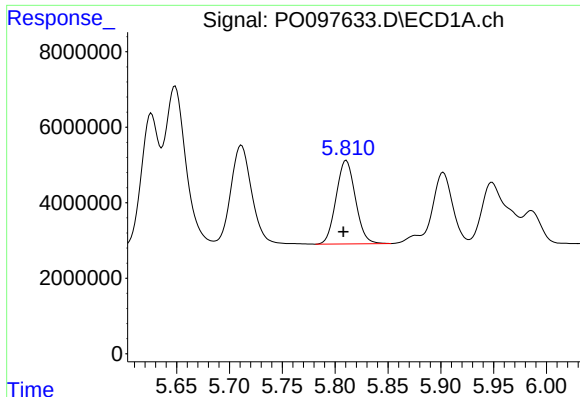
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: 0.003 min
Response: 36883446
Conc: 448.60 ng/ml



#18 AR-1242-3

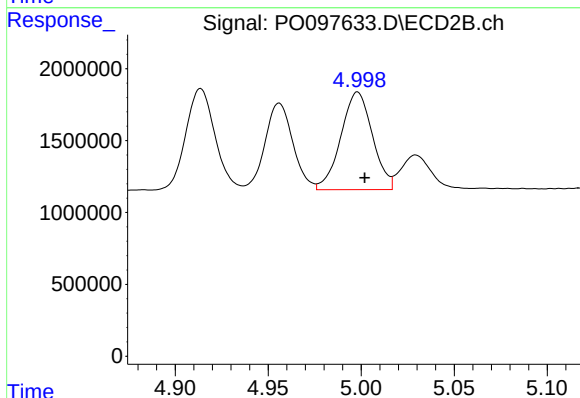
R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 7676099
Conc: 534.89 ng/ml



#19 AR-1242-4

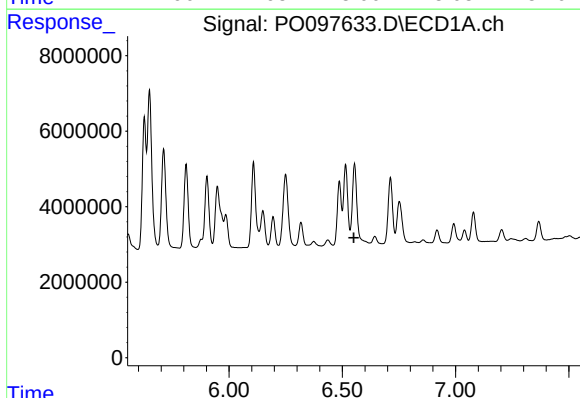
R.T.: 5.811 min
Delta R.T.: 0.003 min
Response: 28216821
Conc: 449.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



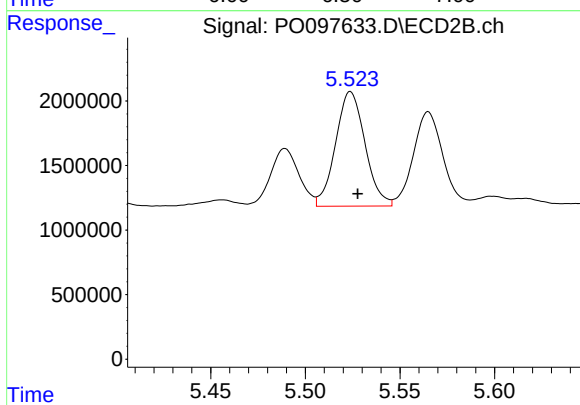
#19 AR-1242-4

R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 8039019
Conc: 507.56 ng/ml



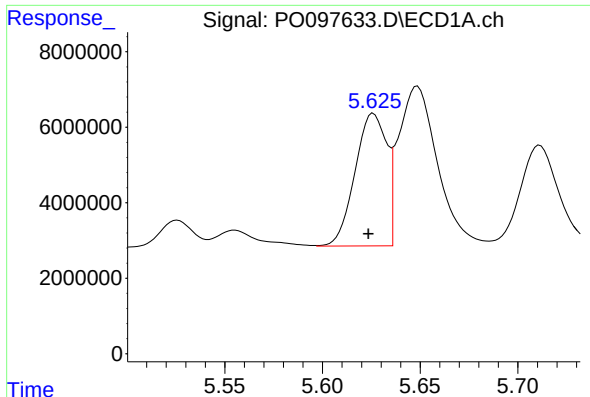
#20 AR-1242-5

R.T.: 6.554 min
Delta R.T.: 0.003 min
Response: -5609505
Conc: N.D.



#20 AR-1242-5

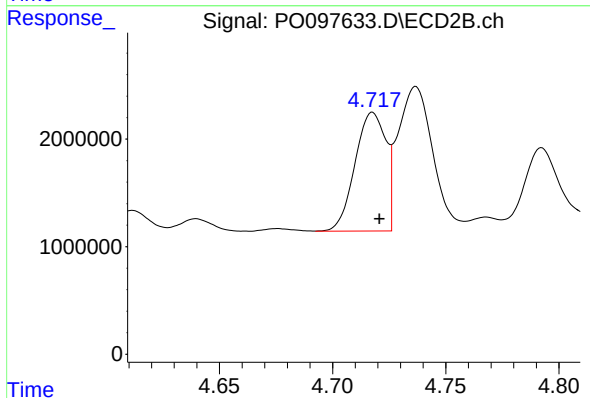
R.T.: 5.524 min
Delta R.T.: -0.004 min
Response: 9615283
Conc: 544.83 ng/ml



#21 AR-1248-1

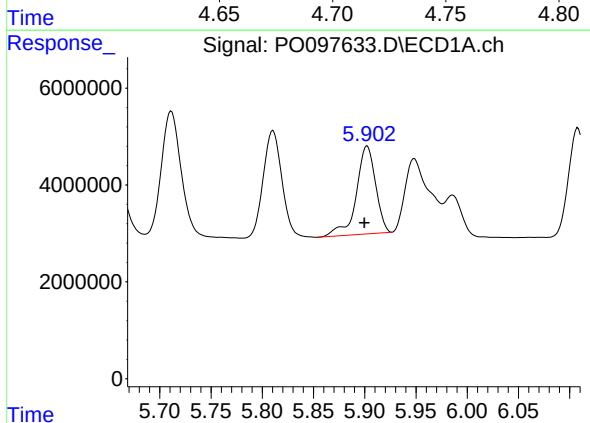
R.T.: 5.626 min
Delta R.T.: 0.003 min
Response: 39439989
Conc: 668.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



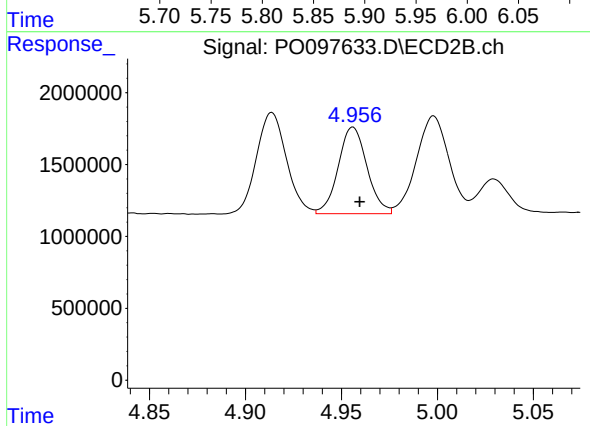
#21 AR-1248-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 10452710
Conc: 760.65 ng/ml



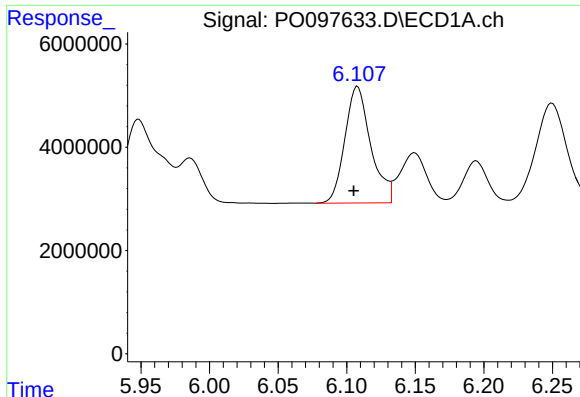
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: 0.003 min
Response: 23779992
Conc: 240.43 ng/ml



#22 AR-1248-2

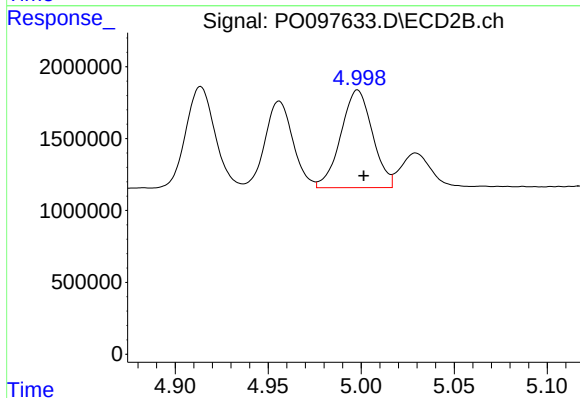
R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 6294285
Conc: 283.86 ng/ml



#23 AR-1248-3

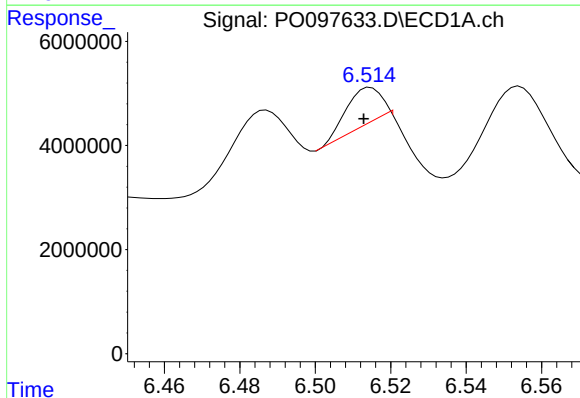
R.T.: 6.108 min
Delta R.T.: 0.003 min
Response: 29690801
Conc: 286.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



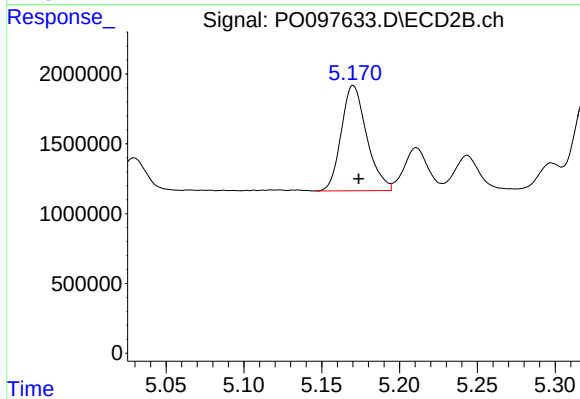
#23 AR-1248-3

R.T.: 4.998 min
Delta R.T.: -0.003 min
Response: 8039019
Conc: 349.64 ng/ml



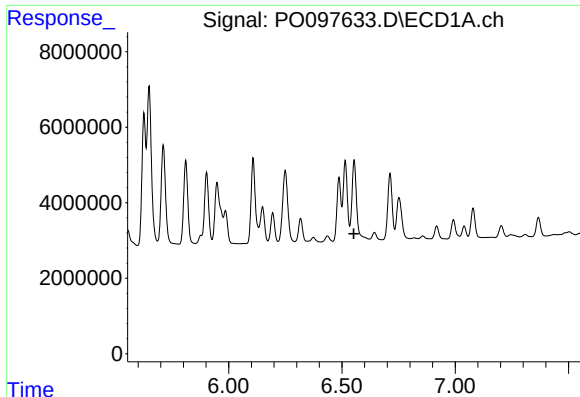
#24 AR-1248-4

R.T.: 6.515 min
Delta R.T.: 0.002 min
Response: 4551992
Conc: 49.76 ng/ml



#24 AR-1248-4

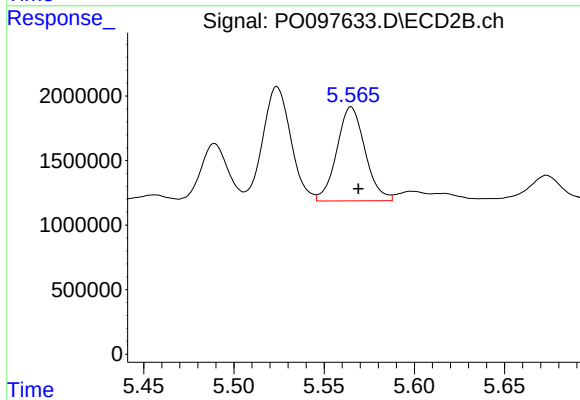
R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 8603595
Conc: 317.04 ng/ml



#25 AR-1248-5

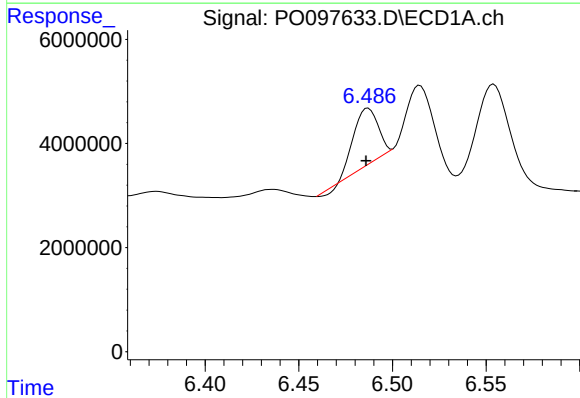
R.T.: 6.554 min
Delta R.T.: 0.002 min
Response: -5609505
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



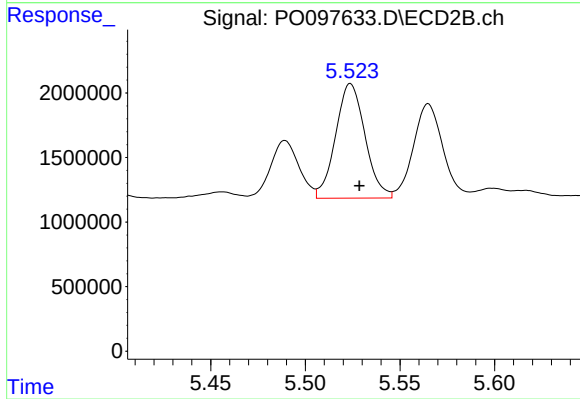
#25 AR-1248-5

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 7924979
Conc: 350.54 ng/ml



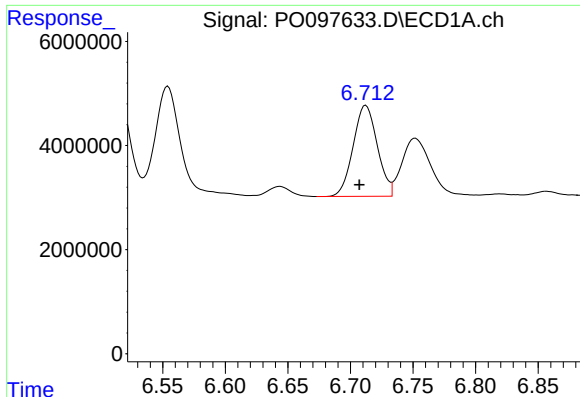
#26 AR-1254-1

R.T.: 6.487 min
Delta R.T.: 0.001 min
Response: 9372764
Conc: 85.25 ng/ml



#26 AR-1254-1

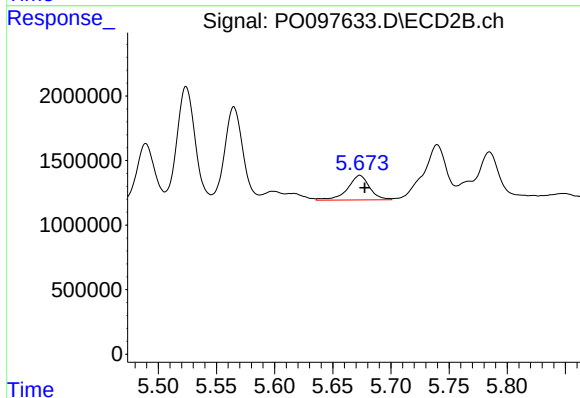
R.T.: 5.524 min
Delta R.T.: -0.005 min
Response: 9615283
Conc: 249.13 ng/ml



#27 AR-1254-2

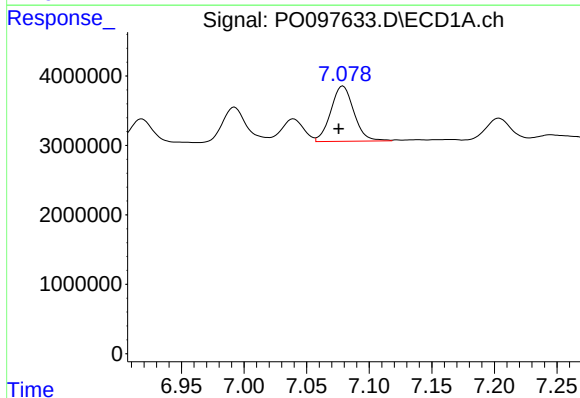
R.T.: 6.712 min
Delta R.T.: 0.005 min
Response: 23538295
Conc: 144.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



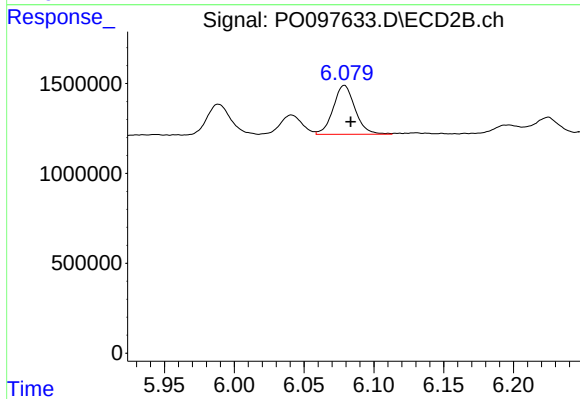
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 2510901
Conc: 73.72 ng/ml



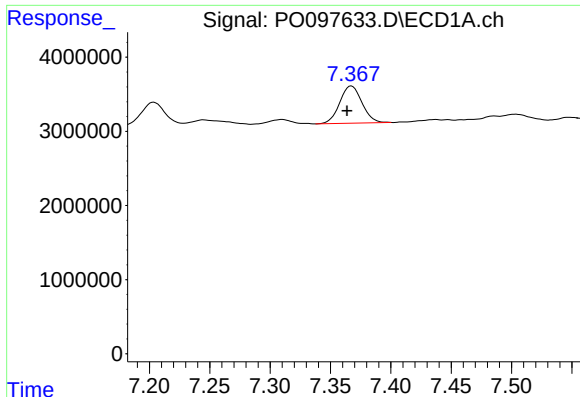
#28 AR-1254-3

R.T.: 7.079 min
Delta R.T.: 0.003 min
Response: 10265511
Conc: 63.03 ng/ml



#28 AR-1254-3

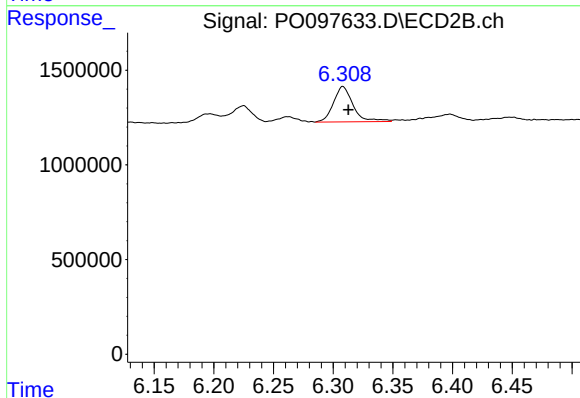
R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 2962642
Conc: 55.84 ng/ml



#29 AR-1254-4

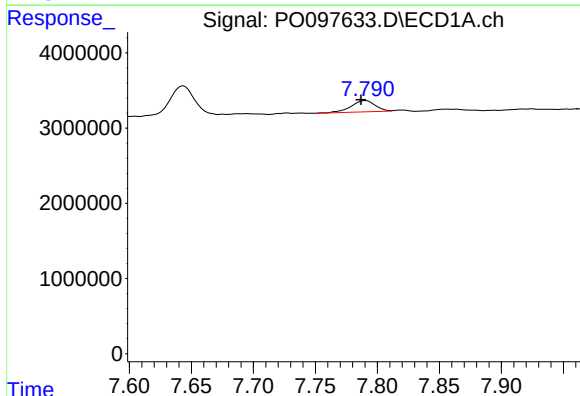
R.T.: 7.367 min
Delta R.T.: 0.004 min
Response: 6456229
Conc: 66.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



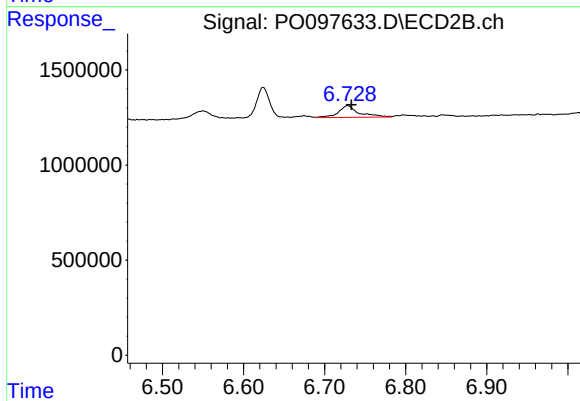
#29 AR-1254-4

R.T.: 6.308 min
Delta R.T.: -0.005 min
Response: 2135643
Conc: 78.32 ng/ml



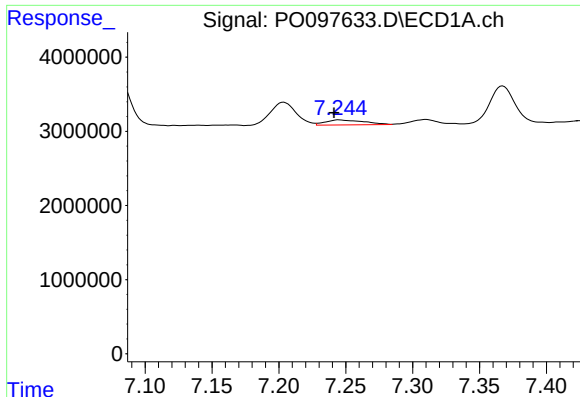
#30 AR-1254-5

R.T.: 7.791 min
Delta R.T.: 0.003 min
Response: 2008215
Conc: 17.78 ng/ml



#30 AR-1254-5

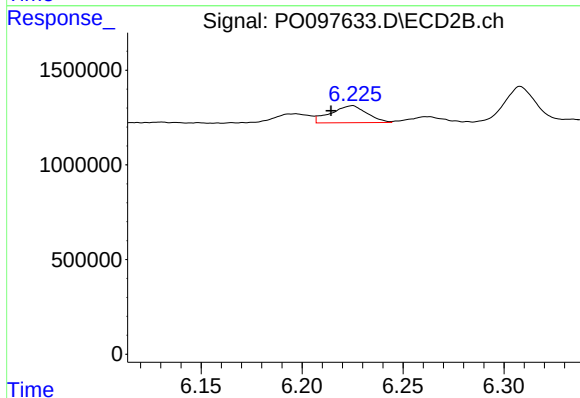
R.T.: 6.728 min
Delta R.T.: -0.005 min
Response: 1078327
Conc: 24.46 ng/ml



#31 AR-1260-1

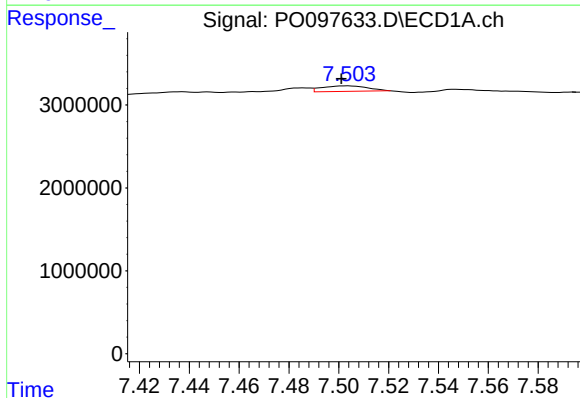
R.T.: 7.245 min
Delta R.T.: 0.004 min
Response: 1348208
Conc: 10.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



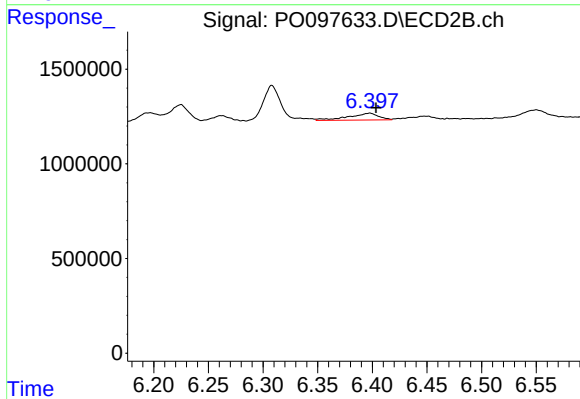
#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: 0.010 min
Response: 1121853
Conc: 30.04 ng/ml



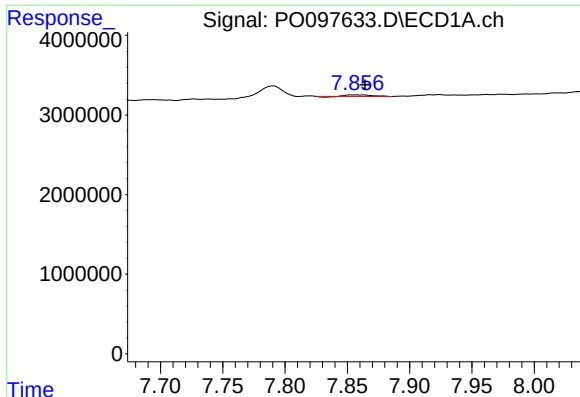
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 851807
Conc: 6.25 ng/ml



#32 AR-1260-2

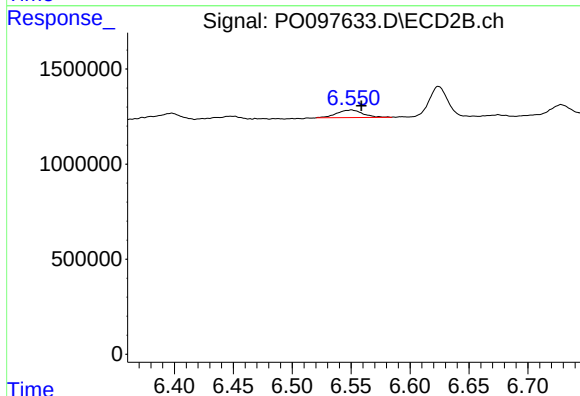
R.T.: 6.398 min
Delta R.T.: -0.006 min
Response: 677279
Conc: 16.01 ng/ml



#33 AR-1260-3

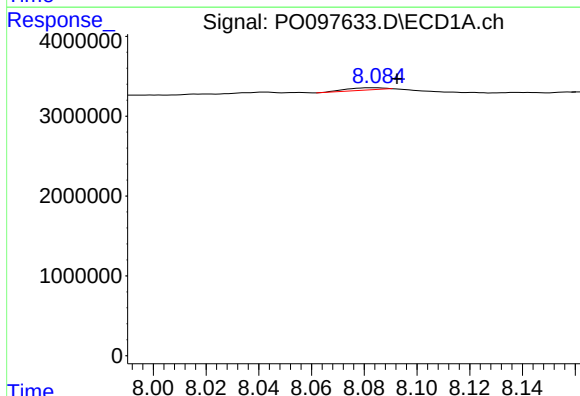
R.T.: 7.857 min
Delta R.T.: -0.007 min
Response: 216300
Conc: 2.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



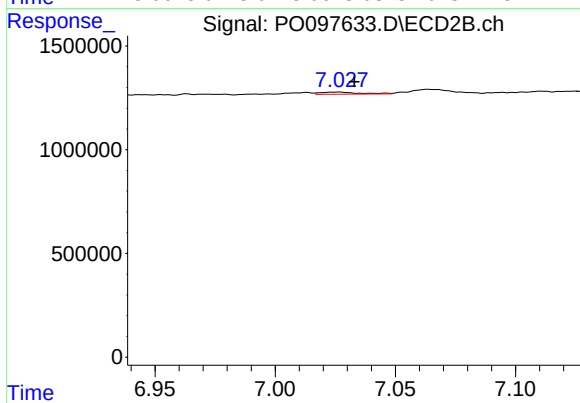
#33 AR-1260-3

R.T.: 6.550 min
Delta R.T.: -0.008 min
Response: 624291
Conc: 14.91 ng/ml



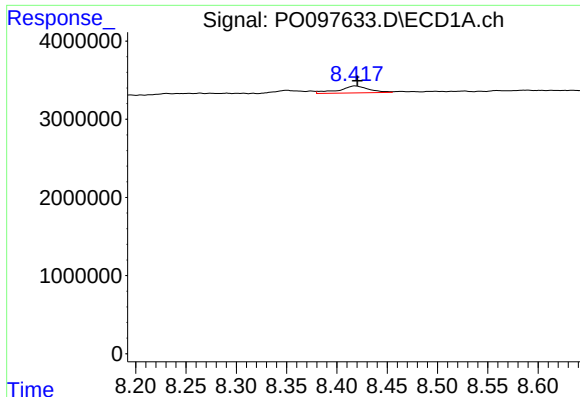
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.009 min
Response: 297871
Conc: 2.63 ng/ml



#34 AR-1260-4

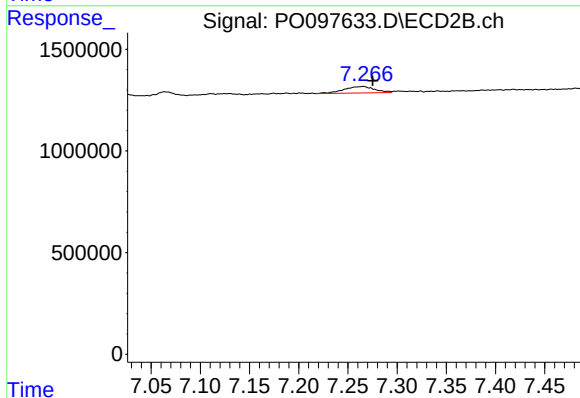
R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 114083
Conc: 3.53 ng/ml



#35 AR-1260-5

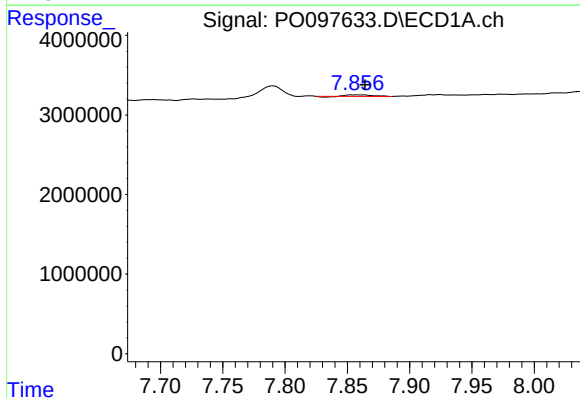
R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 1845812
Conc: 9.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



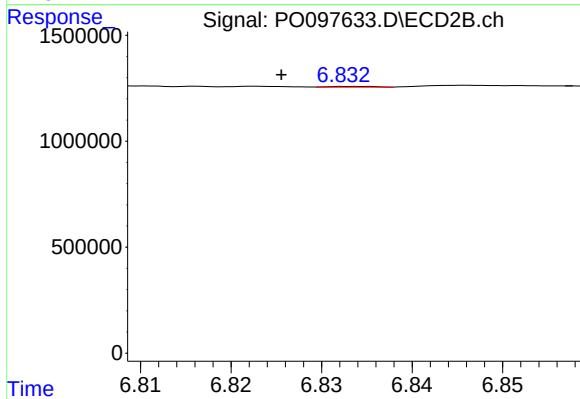
#35 AR-1260-5

R.T.: 7.266 min
Delta R.T.: -0.009 min
Response: 691770
Conc: 10.48 ng/ml



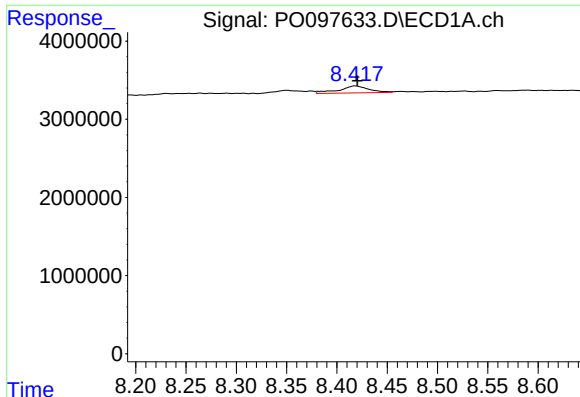
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.007 min
Response: 216300
Conc: 1.44 ng/ml



#36 AR-1262-1

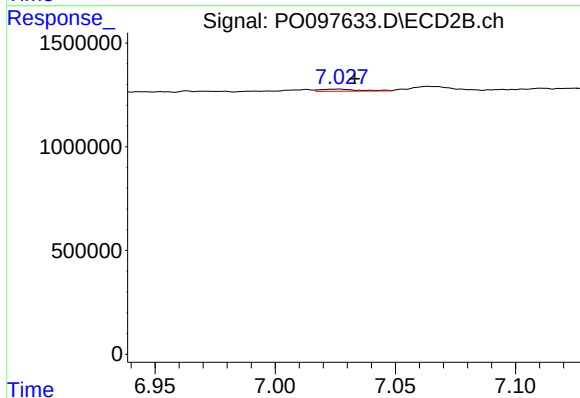
R.T.: 6.834 min
Delta R.T.: 0.008 min
Response: 13647
Conc: 0.68 ng/ml



#37 AR-1262-2

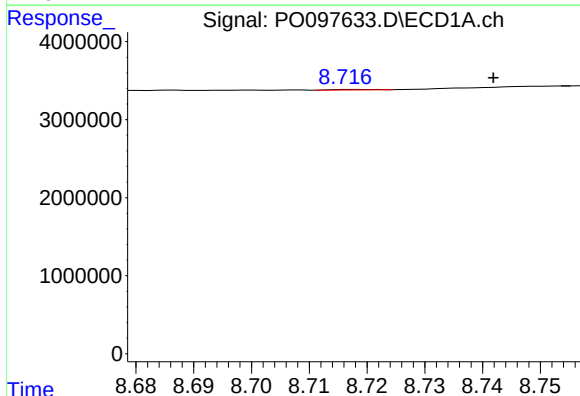
R.T.: 8.418 min
Delta R.T.: -0.002 min
Response: 1845812
Conc: 8.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



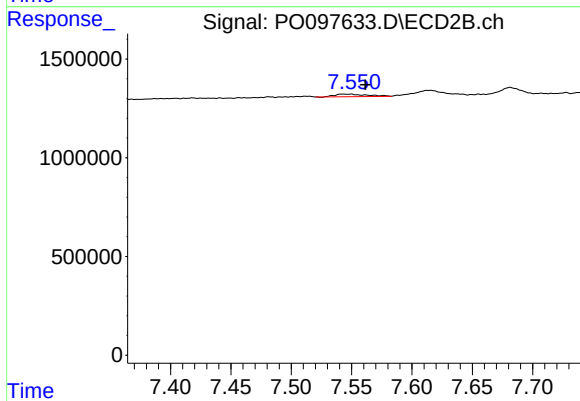
#37 AR-1262-2

R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 114083
Conc: 2.61 ng/ml



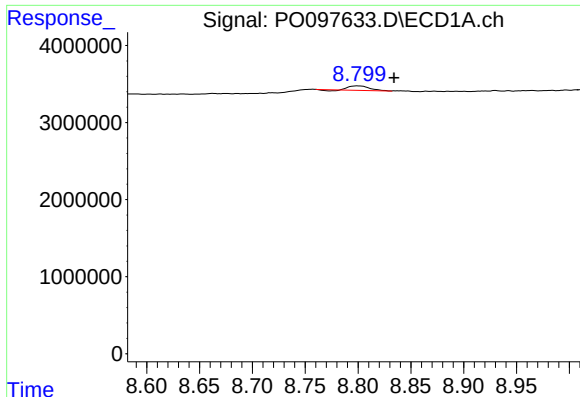
#38 AR-1262-3

R.T.: 8.718 min
Delta R.T.: -0.024 min
Response: 29488
Conc: 0.19 ng/ml



#38 AR-1262-3

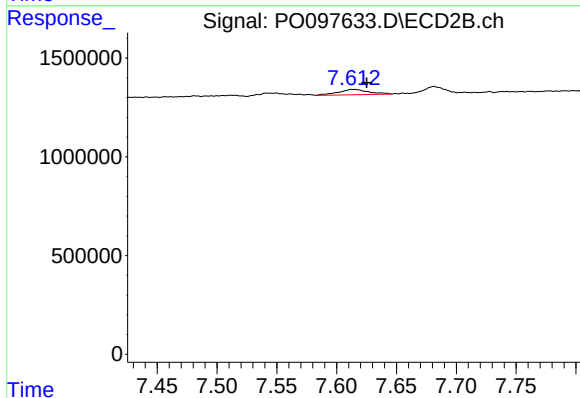
R.T.: 7.549 min
Delta R.T.: -0.012 min
Response: 232520
Conc: 7.46 ng/ml



#39 AR-1262-4

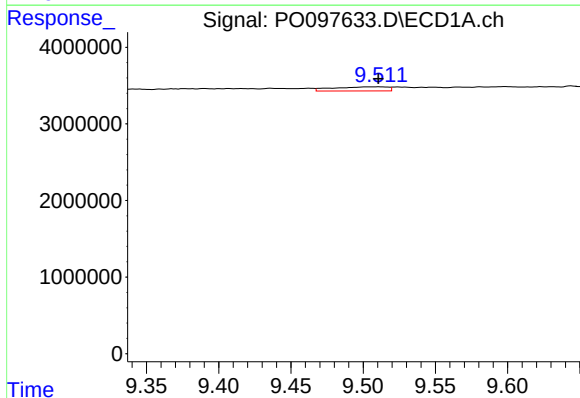
R.T.: 8.799 min
Delta R.T.: -0.035 min
Response: 731426
Conc: 5.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



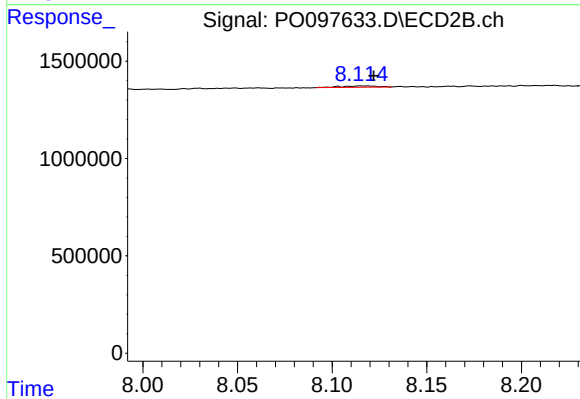
#39 AR-1262-4

R.T.: 7.614 min
Delta R.T.: -0.011 min
Response: 467000
Conc: 8.30 ng/ml



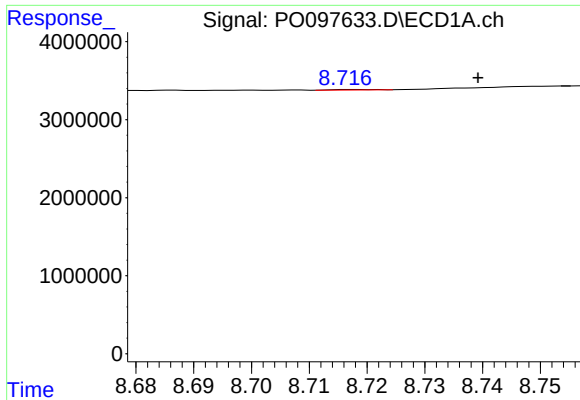
#40 AR-1262-5

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 1385401
Conc: 20.15 ng/ml



#40 AR-1262-5

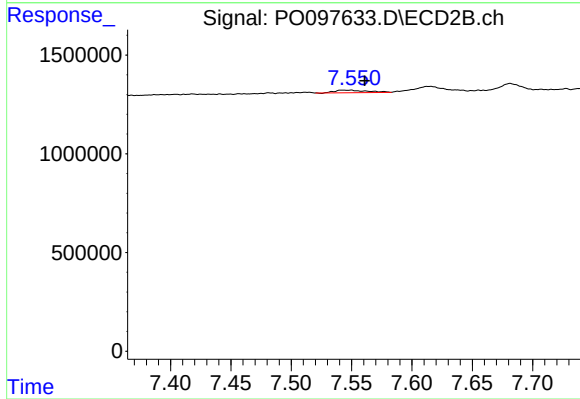
R.T.: 8.116 min
Delta R.T.: -0.006 min
Response: 94784
Conc: 4.03 ng/ml



#41 AR-1268-1

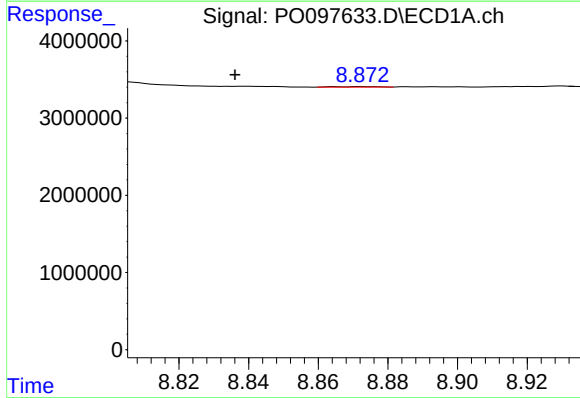
R.T.: 8.718 min
Delta R.T.: -0.021 min
Response: 29488
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



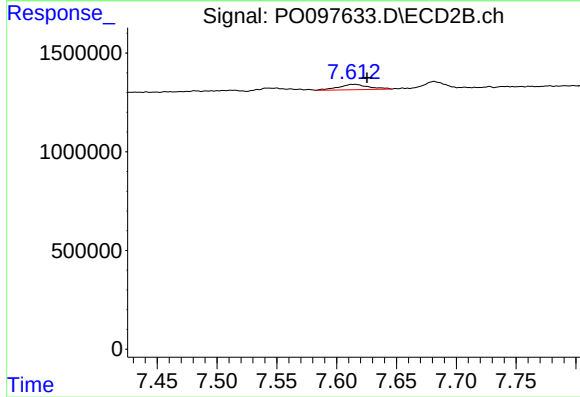
#41 AR-1268-1

R.T.: 7.549 min
Delta R.T.: -0.011 min
Response: 232520
Conc: 2.43 ng/ml



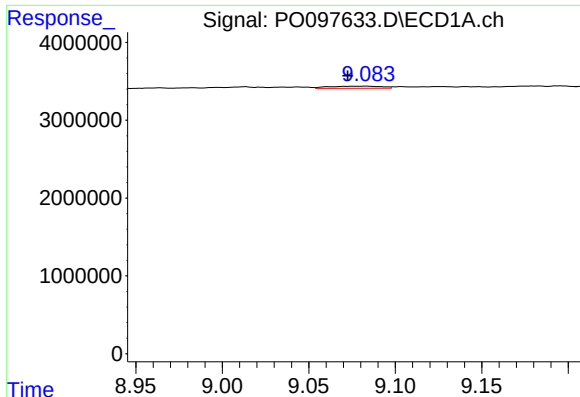
#42 AR-1268-2

R.T.: 8.873 min
Delta R.T.: 0.036 min
Response: 53752
Conc: 0.21 ng/ml



#42 AR-1268-2

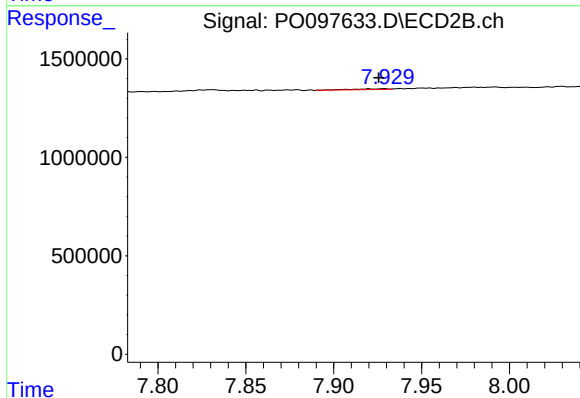
R.T.: 7.614 min
Delta R.T.: -0.011 min
Response: 467000
Conc: 5.63 ng/ml



#43 AR-1268-3

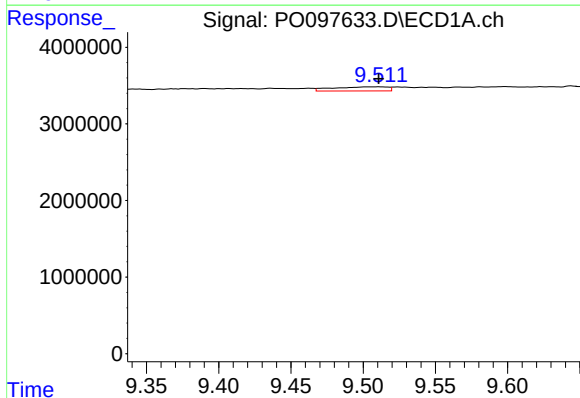
R.T.: 9.083 min
Delta R.T.: 0.011 min
Response: 561653
Conc: 2.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



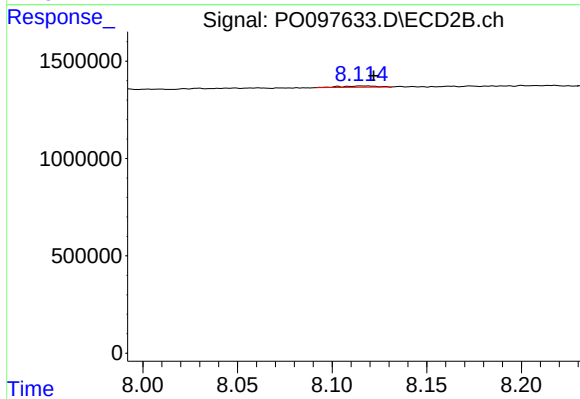
#43 AR-1268-3

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 55239
Conc: 2.79 ng/ml



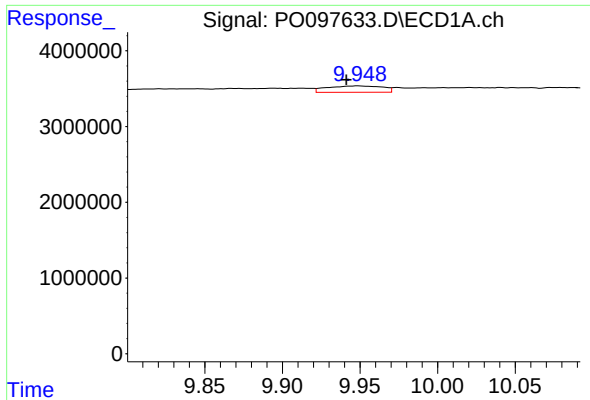
#44 AR-1268-4

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 1385401
Conc: 18.00 ng/ml



#44 AR-1268-4

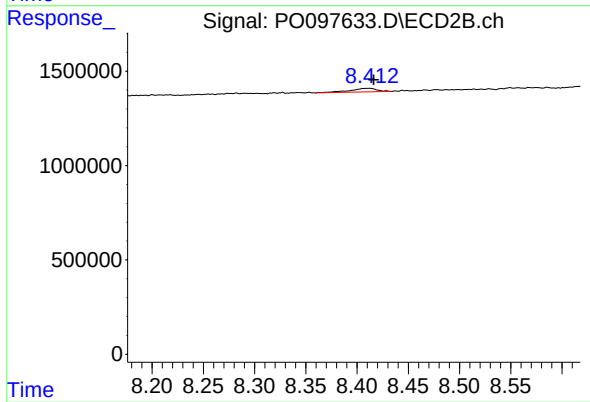
R.T.: 8.116 min
Delta R.T.: -0.006 min
Response: 94784
Conc: 3.67 ng/ml



#45 AR-1268-5

R.T.: 9.949 min
Delta R.T.: 0.008 min
Response: 2108997
Conc: 3.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.411 min
Delta R.T.: -0.005 min
Response: 355621
Conc: 1.56 ng/ml