

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081823\
 Data File : P0097302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2023 07:12
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 04:50:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.407	3.612	168.8E6	66431056	51.000	50.182
2)	SA Decachlor...	10.342	8.624	122.5E6	54649896	55.961	47.237
Target Compounds							
3)	L1 AR-1016-1	5.592	4.713	31550137	13717229	334.985	309.392
4)	L1 AR-1016-2	5.616	4.713	37572759	13717229	280.867	224.245
5)	L1 AR-1016-3	5.679	4.891	18512095	8091577	212.731	247.688
6)	L1 AR-1016-4	5.778	4.932	20446723	19234194	304.401	672.845 #
7)	L1 AR-1016-5	6.080	5.146	50279985	24409224	720.168	634.889
8)	L2 AR-1221-1	4.611	3.821	292697	96884	7.182	5.582
9)	L2 AR-1221-2	4.717	3.910	2924890	1047987	96.277	81.109
10)	L2 AR-1221-3	4.782	3.985	2887148	1221703	32.984	30.778
11)	L3 AR-1232-1	4.782	3.985	2887148	1221703	39.586	37.769
12)	L3 AR-1232-2	5.320	4.713	15076930	13717229	380.290	475.425 #
13)	L3 AR-1232-3	5.616	4.891	37572759	8091577	614.208	533.680
14)	L3 AR-1232-4	5.778	4.974	20446723	20683387	670.081	1383.999 #
15)	L3 AR-1232-5	5.872	5.146	47344049	24409224	1691.875	1493.213
16)	L4 AR-1242-1	5.592	4.713	31550137	13717229	376.417	347.933
17)	L4 AR-1242-2	5.616	4.713	37572759	13717229	319.057	251.734
18)	L4 AR-1242-3	5.679	4.891	18512095	8091577	250.595	273.655
19)	L4 AR-1242-4	5.778	4.974	20446723	20683387	343.467	656.326 #
20)	L4 AR-1242-5	6.534	5.498	48876652	33292939	888.348	913.733
21)	L5 AR-1248-1	5.592	4.713	31550137	13717229	538.453	488.810
22)	L5 AR-1248-2	5.872	4.932	47344049	19234194	503.566	453.840
23)	L5 AR-1248-3	6.080	4.974	50279985	20683387	514.064	471.523
24)	L5 AR-1248-4	6.494	5.146	50454408	24409224	555.399	478.144
25)	L5 AR-1248-5	6.534	5.539	48876652	23393118	554.874	500.368
26)	L6 AR-1254-1	6.466	5.498	40023020	33292939	366.207	451.147
27)	L6 AR-1254-2	6.695	5.647	50514961	10733153	313.315	162.919 #
28)	L6 AR-1254-3	7.068	6.051	27943265	15774514	178.327	156.087
29)	L6 AR-1254-4	7.361	6.281	17649211	10855884	175.060	187.575
30)	L6 AR-1254-5	7.792	6.699	4208987	3185916	37.508	36.239
31)	L7 AR-1260-1	7.238	6.196	3661478	7654749	29.131	108.782 #
32)	L7 AR-1260-2	7.499	6.370	4149419	1710200	30.797	20.490 #
33)	L7 AR-1260-3	7.859	6.522	1139144	1521320	10.977	19.701 #
34)	L7 AR-1260-4	8.088	6.998	2681905	196607	23.988	3.068 #
35)	L7 AR-1260-5	8.438	7.241	1169349	449973	5.569	3.246 #
36)	L8 AR-1262-1	7.859	6.792	1139144	267300	7.670	6.790
37)	L8 AR-1262-2	8.438	6.998	1169349	196607	5.052	2.424 #
38)	L8 AR-1262-3	8.783	7.525	1331082	231872	7.980	3.613 #
39)	L8 AR-1262-4	8.846	7.586	124953	457368	1.714	4.026 #
40)	L8 AR-1262-5	9.538	0.000	105420	0	1.266	N.D. #
41)	L9 AR-1268-1	8.783	7.525	1331082	231872	4.330	1.251 #

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 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

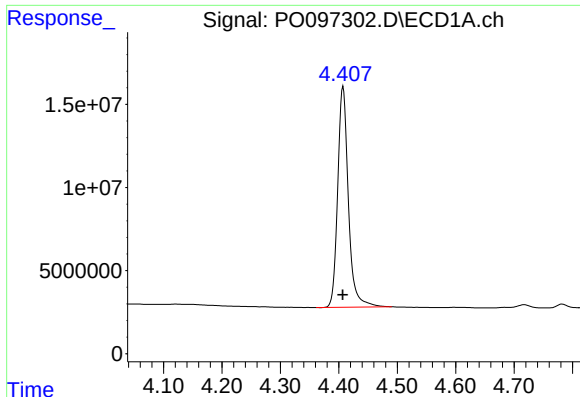
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 04:50:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
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 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	8.860	7.586	206619	457368	0.754	2.728 #
43) L9	AR-1268-3	9.097	7.820	974810	27045	3.817	0.187 #
44) L9	AR-1268-4	9.538	0.000	105420	0	1.137	N.D. #
45) L9	AR-1268-5	9.987	8.373	774037	332704	0.958	0.800

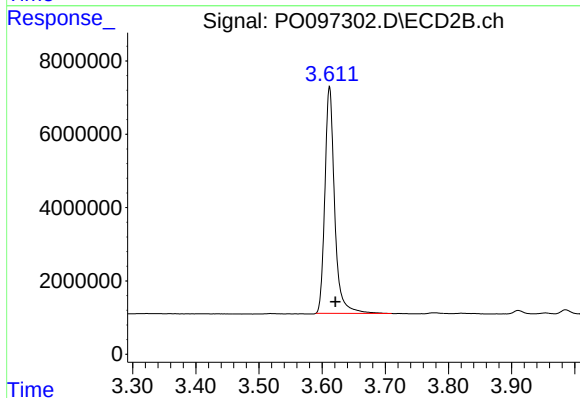
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

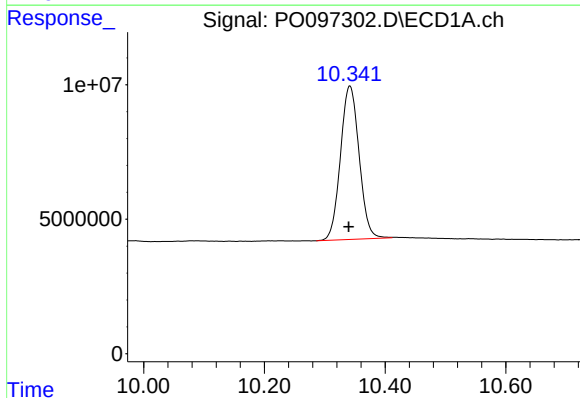
R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 168818616
Conc: 51.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



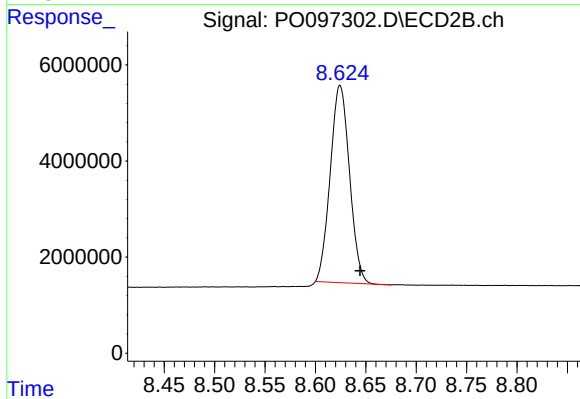
#1 Tetrachloro-m-xylene

R.T.: 3.612 min
Delta R.T.: -0.009 min
Response: 66431056
Conc: 50.18 ng/ml



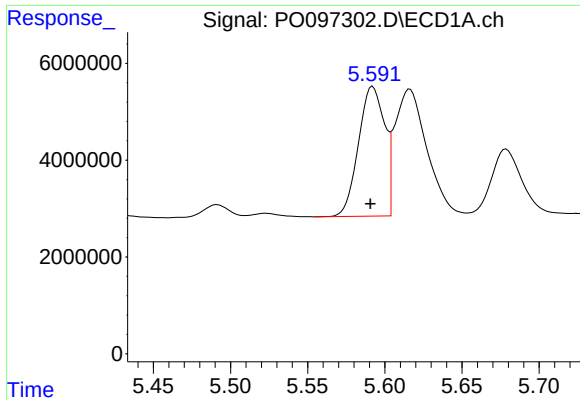
#2 Decachlorobiphenyl

R.T.: 10.342 min
Delta R.T.: 0.002 min
Response: 122453928
Conc: 55.96 ng/ml



#2 Decachlorobiphenyl

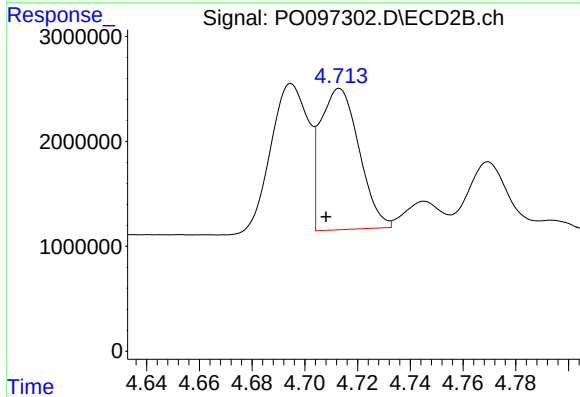
R.T.: 8.624 min
Delta R.T.: -0.020 min
Response: 54649896
Conc: 47.24 ng/ml



#3 AR-1016-1

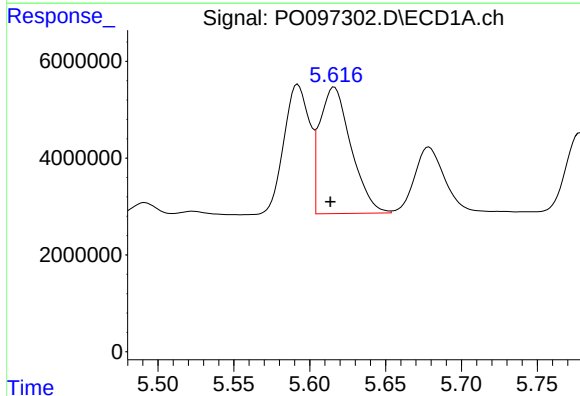
R.T.: 5.592 min
Delta R.T.: 0.002 min
Response: 31550137
Conc: 334.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



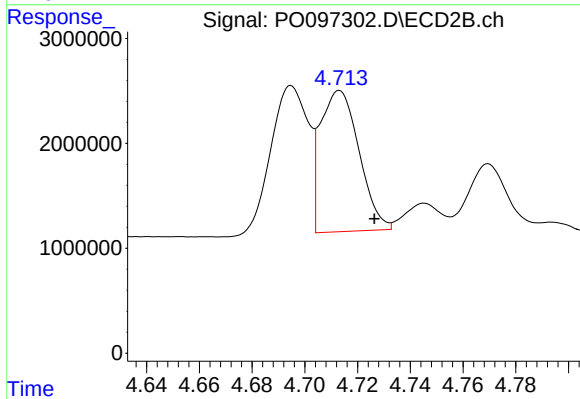
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 13717229
Conc: 309.39 ng/ml



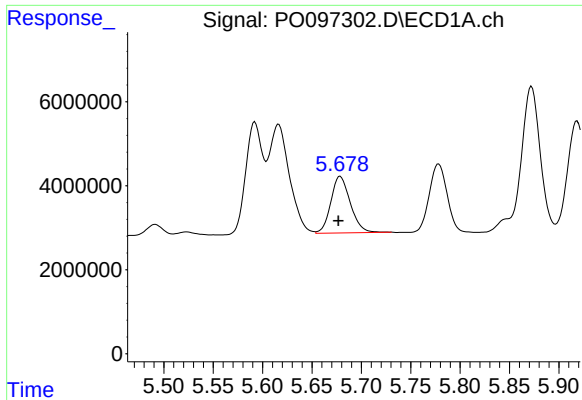
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 37572759
Conc: 280.87 ng/ml



#4 AR-1016-2

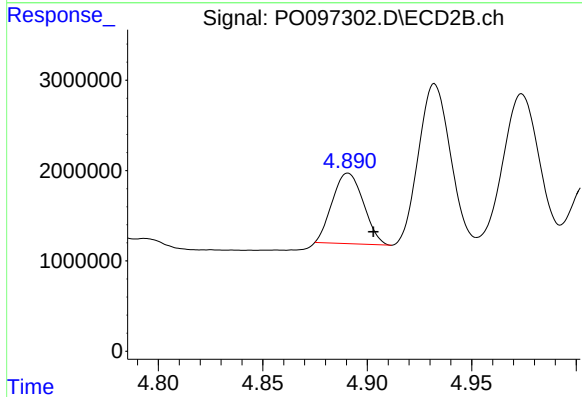
R.T.: 4.713 min
Delta R.T.: -0.013 min
Response: 13717229
Conc: 224.24 ng/ml



#5 AR-1016-3

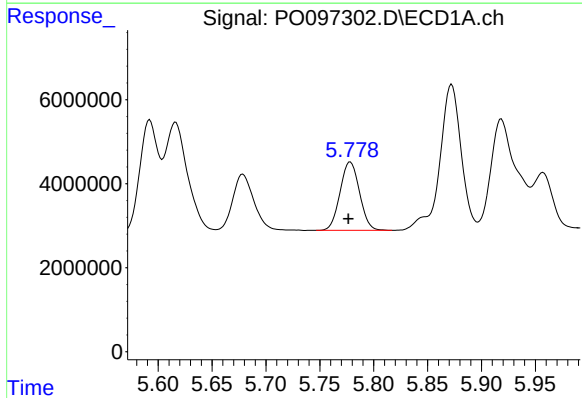
R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 18512095
Conc: 212.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



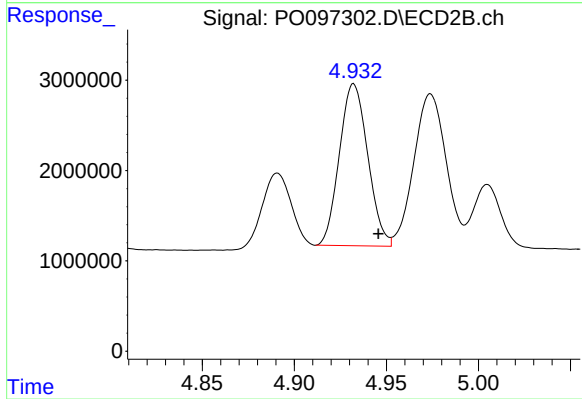
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 8091577
Conc: 247.69 ng/ml



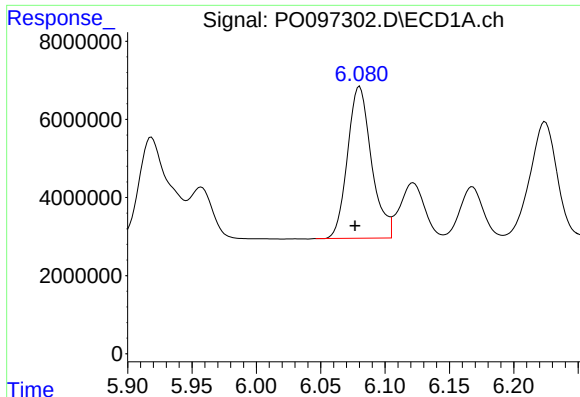
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 20446723
Conc: 304.40 ng/ml



#6 AR-1016-4

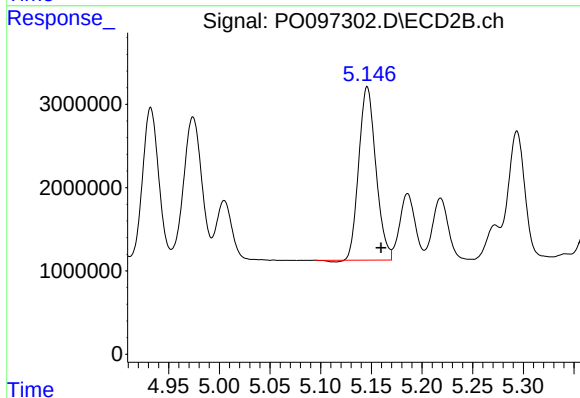
R.T.: 4.932 min
Delta R.T.: -0.013 min
Response: 19234194
Conc: 672.84 ng/ml



#7 AR-1016-5

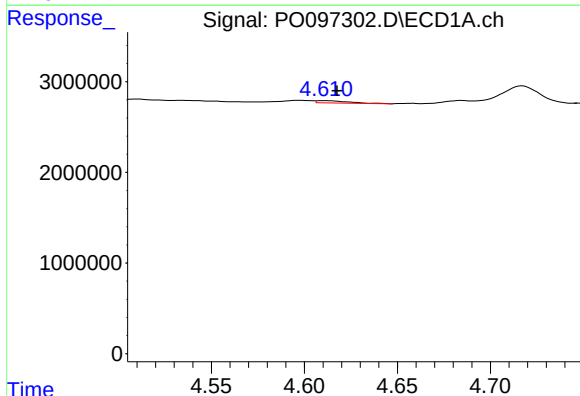
R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 50279985
Conc: 720.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



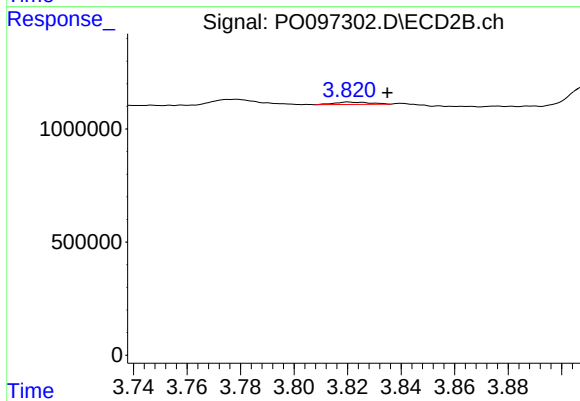
#7 AR-1016-5

R.T.: 5.146 min
Delta R.T.: -0.014 min
Response: 24409224
Conc: 634.89 ng/ml



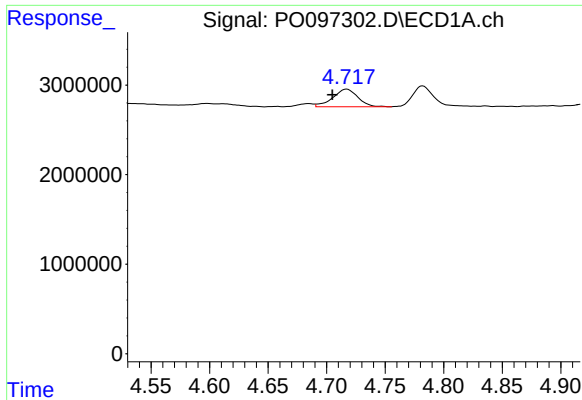
#8 AR-1221-1

R.T.: 4.611 min
Delta R.T.: -0.007 min
Response: 292697
Conc: 7.18 ng/ml



#8 AR-1221-1

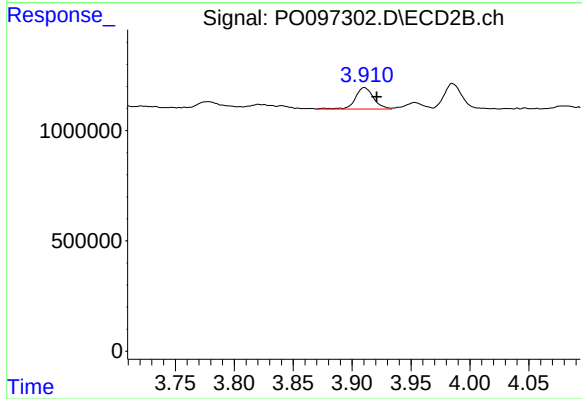
R.T.: 3.821 min
Delta R.T.: -0.014 min
Response: 96884
Conc: 5.58 ng/ml



#9 AR-1221-2

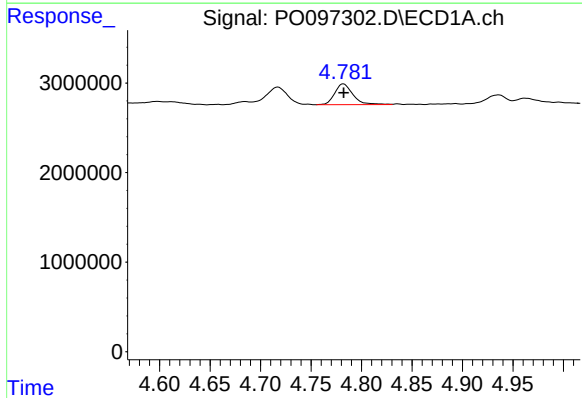
R.T.: 4.717 min
Delta R.T.: 0.012 min
Response: 2924890
Conc: 96.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



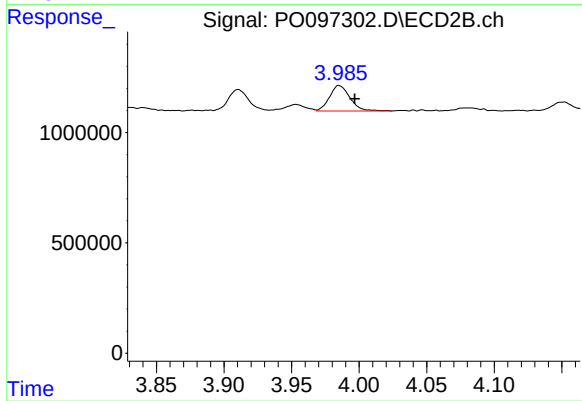
#9 AR-1221-2

R.T.: 3.910 min
Delta R.T.: -0.010 min
Response: 1047987
Conc: 81.11 ng/ml



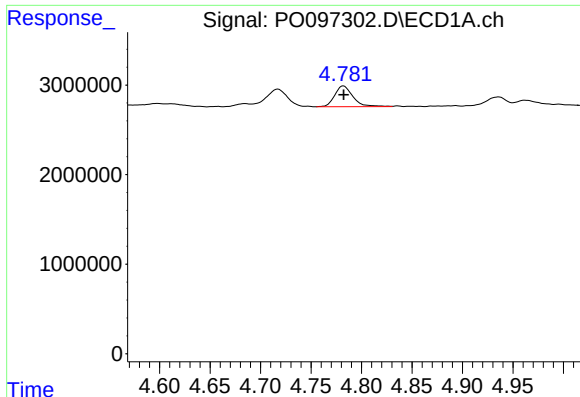
#10 AR-1221-3

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 2887148
Conc: 32.98 ng/ml



#10 AR-1221-3

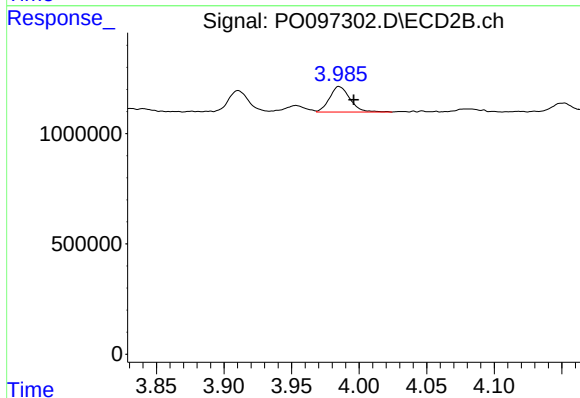
R.T.: 3.985 min
Delta R.T.: -0.011 min
Response: 1221703
Conc: 30.78 ng/ml



#11 AR-1232-1

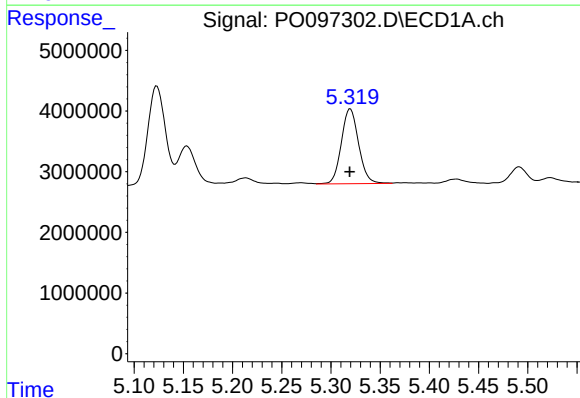
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 2887148
Conc: 39.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



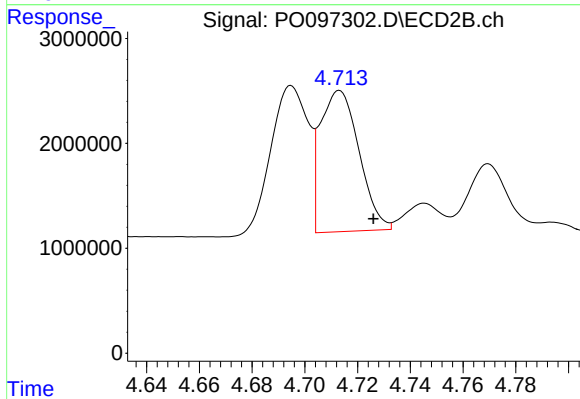
#11 AR-1232-1

R.T.: 3.985 min
Delta R.T.: -0.011 min
Response: 1221703
Conc: 37.77 ng/ml



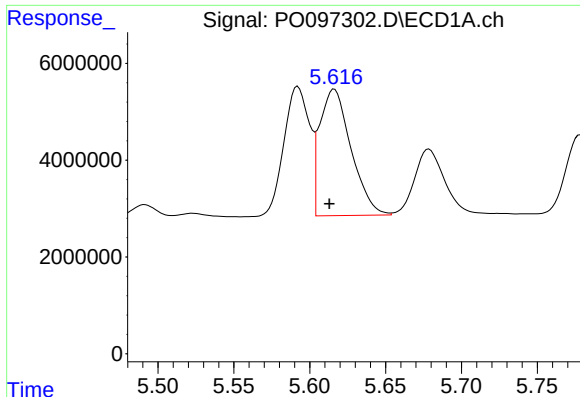
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 15076930
Conc: 380.29 ng/ml



#12 AR-1232-2

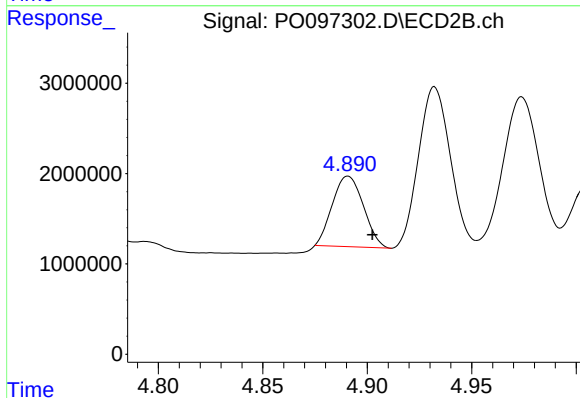
R.T.: 4.713 min
Delta R.T.: -0.013 min
Response: 13717229
Conc: 475.43 ng/ml



#13 AR-1232-3

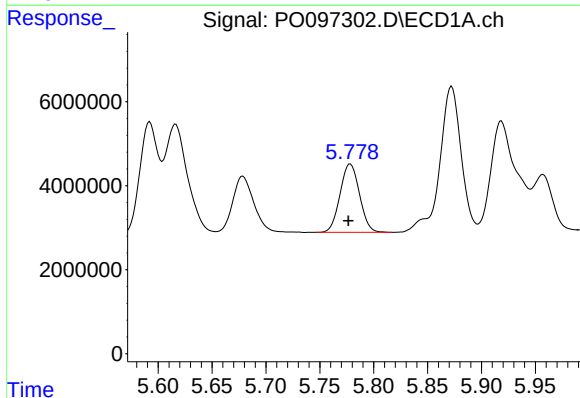
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 37572759
Conc: 614.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



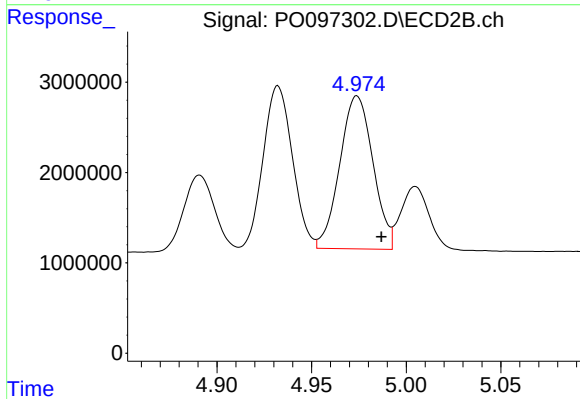
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 8091577
Conc: 533.68 ng/ml



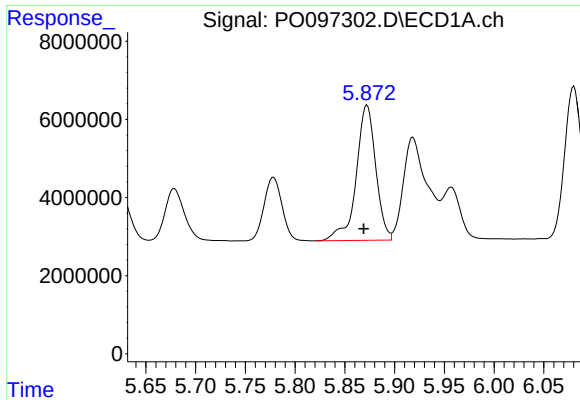
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 20446723
Conc: 670.08 ng/ml



#14 AR-1232-4

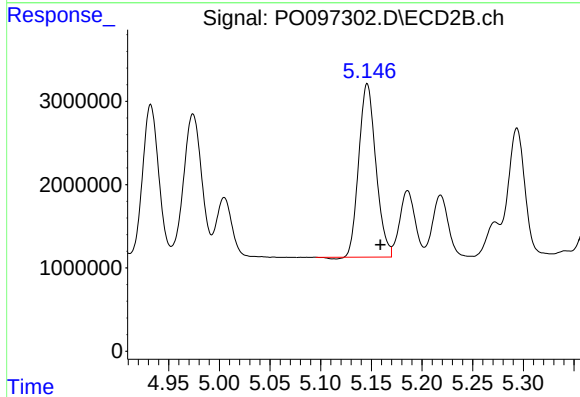
R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: 20683387
Conc: 1384.00 ng/ml



#15 AR-1232-5

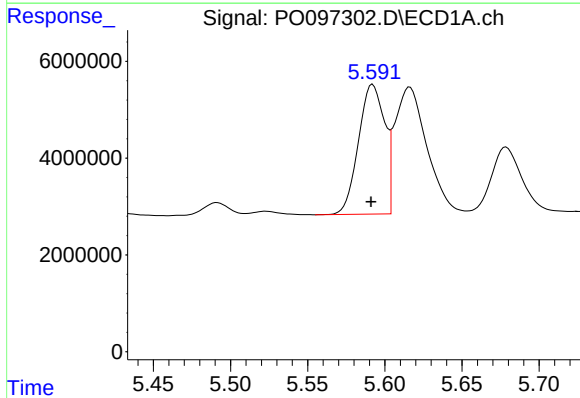
R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 47344049
Conc: 1691.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



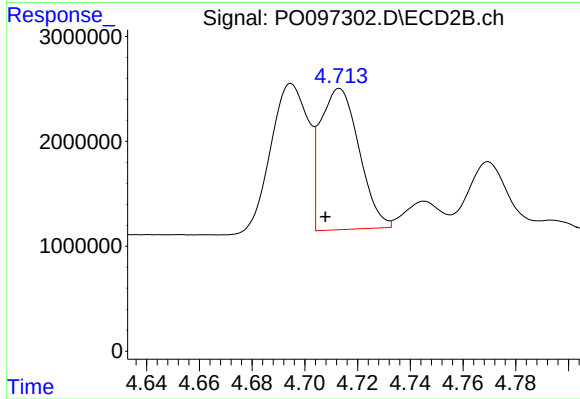
#15 AR-1232-5

R.T.: 5.146 min
Delta R.T.: -0.013 min
Response: 24409224
Conc: 1493.21 ng/ml



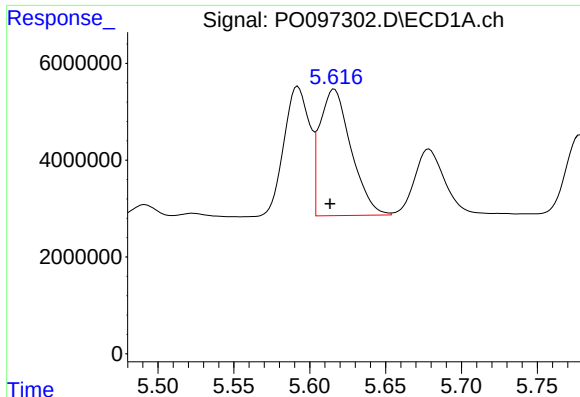
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 31550137
Conc: 376.42 ng/ml



#16 AR-1242-1

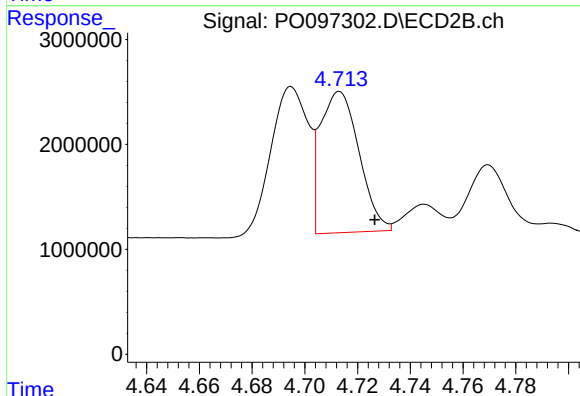
R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 13717229
Conc: 347.93 ng/ml



#17 AR-1242-2

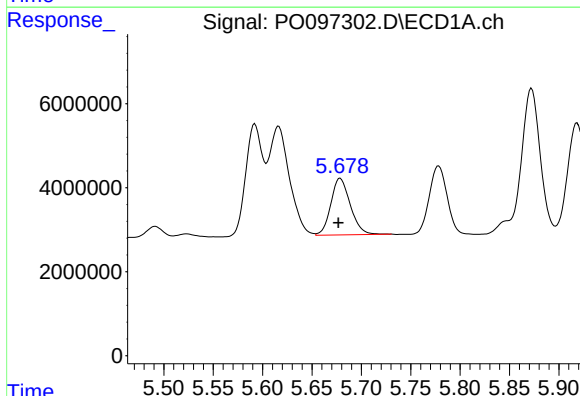
R.T.: 5.616 min
Delta R.T.: 0.003 min
Response: 37572759
Conc: 319.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



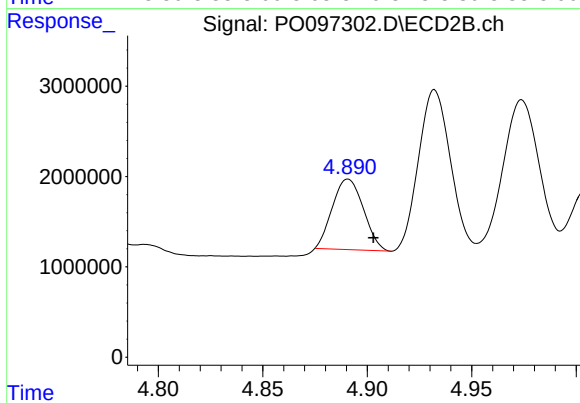
#17 AR-1242-2

R.T.: 4.713 min
Delta R.T.: -0.013 min
Response: 13717229
Conc: 251.73 ng/ml



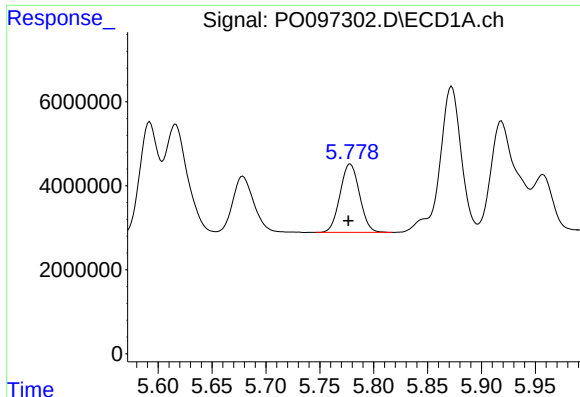
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 18512095
Conc: 250.60 ng/ml



#18 AR-1242-3

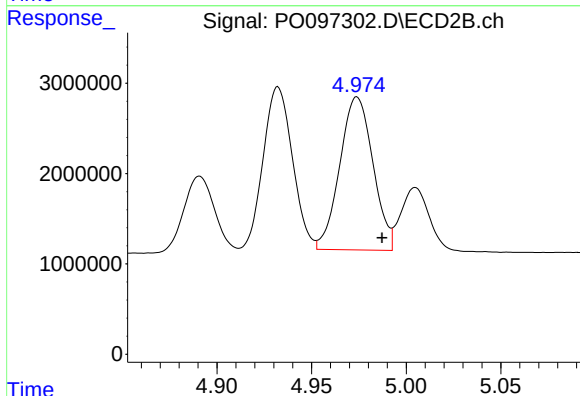
R.T.: 4.891 min
Delta R.T.: -0.012 min
Response: 8091577
Conc: 273.65 ng/ml



#19 AR-1242-4

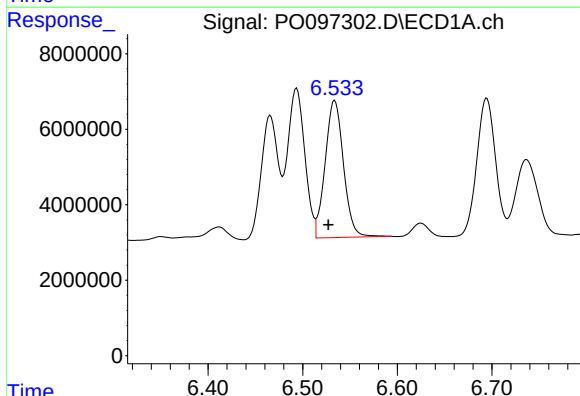
R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 20446723
Conc: 343.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



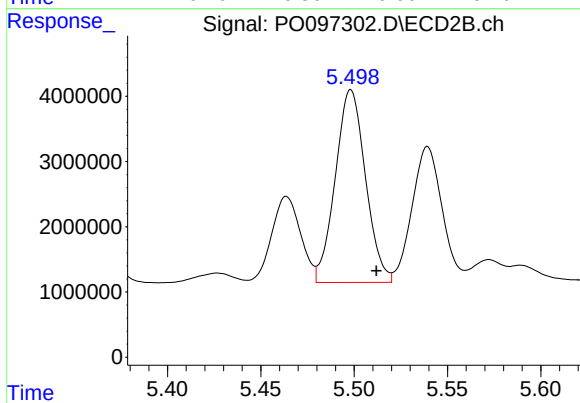
#19 AR-1242-4

R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: 20683387
Conc: 656.33 ng/ml



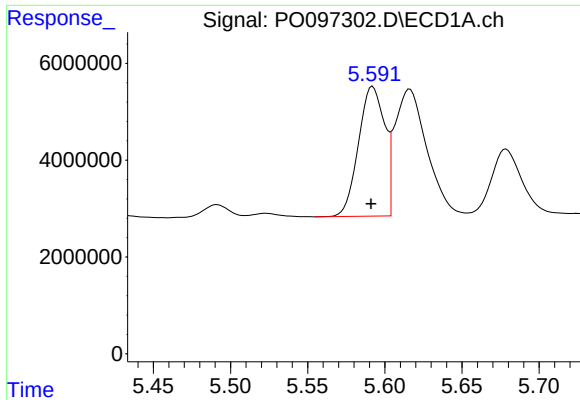
#20 AR-1242-5

R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 48876652
Conc: 888.35 ng/ml



#20 AR-1242-5

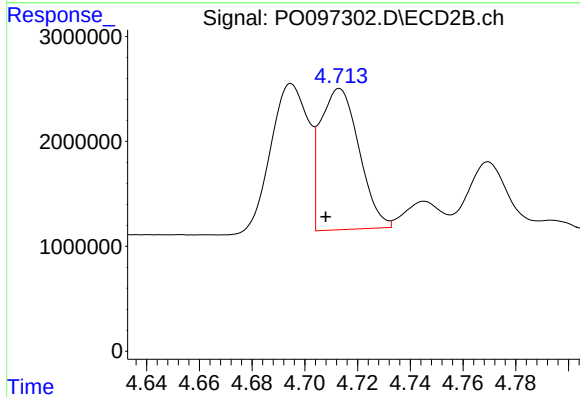
R.T.: 5.498 min
Delta R.T.: -0.014 min
Response: 33292939
Conc: 913.73 ng/ml



#21 AR-1248-1

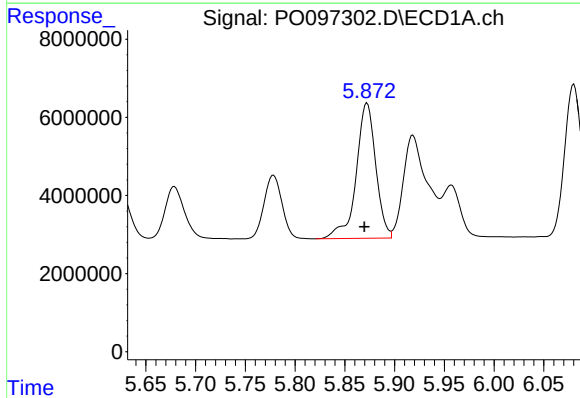
R.T.: 5.592 min
Delta R.T.: 0.001 min
Response: 31550137
Conc: 538.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



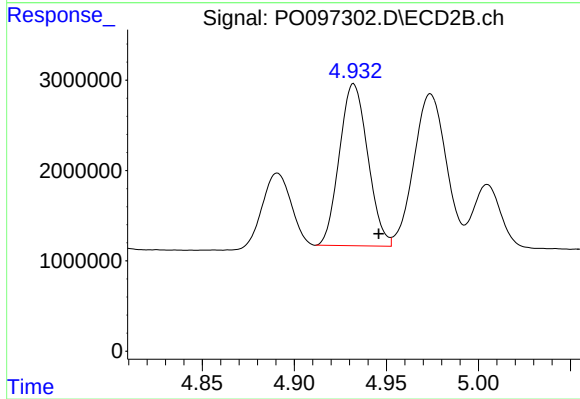
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 13717229
Conc: 488.81 ng/ml



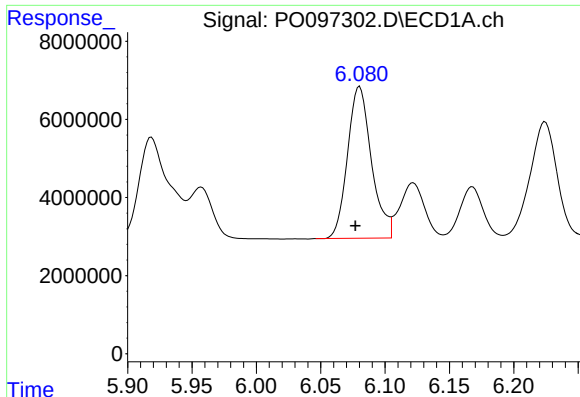
#22 AR-1248-2

R.T.: 5.872 min
Delta R.T.: 0.003 min
Response: 47344049
Conc: 503.57 ng/ml



#22 AR-1248-2

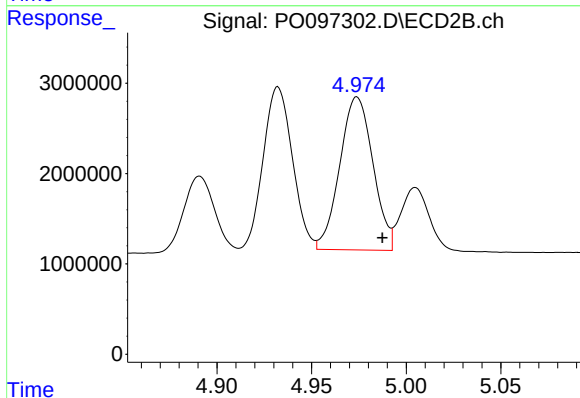
R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 19234194
Conc: 453.84 ng/ml



#23 AR-1248-3

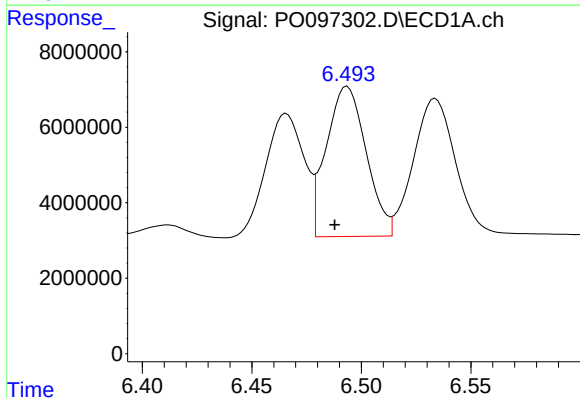
R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 50279985
Conc: 514.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



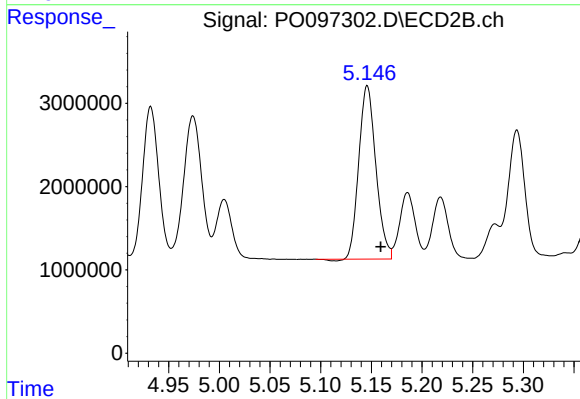
#23 AR-1248-3

R.T.: 4.974 min
Delta R.T.: -0.013 min
Response: 20683387
Conc: 471.52 ng/ml



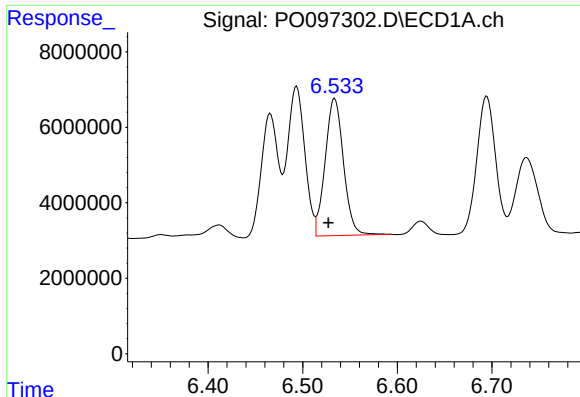
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 50454408
Conc: 555.40 ng/ml



#24 AR-1248-4

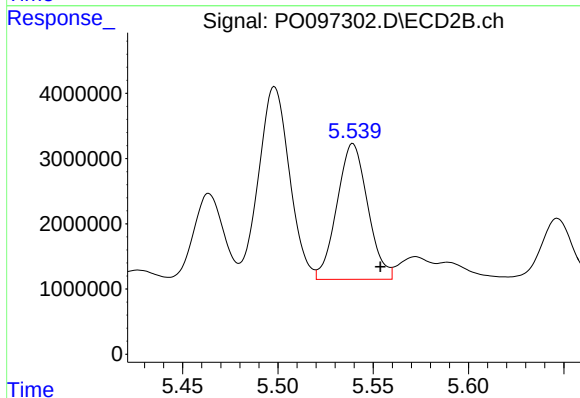
R.T.: 5.146 min
Delta R.T.: -0.013 min
Response: 24409224
Conc: 478.14 ng/ml



#25 AR-1248-5

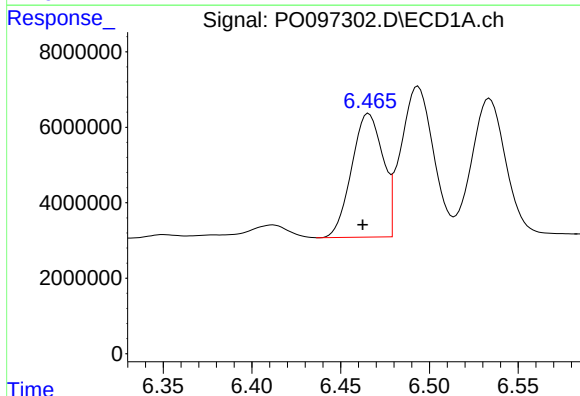
R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 48876652
Conc: 554.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



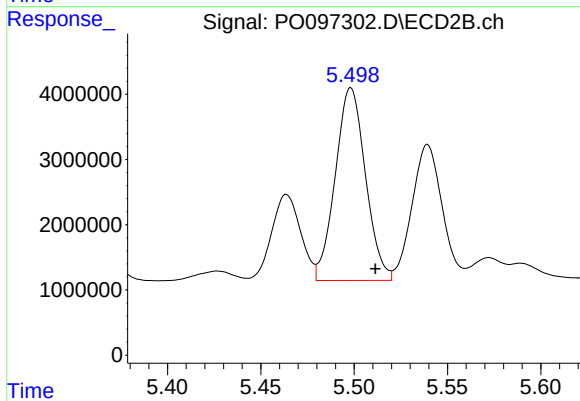
#25 AR-1248-5

R.T.: 5.539 min
Delta R.T.: -0.014 min
Response: 23393118
Conc: 500.37 ng/ml



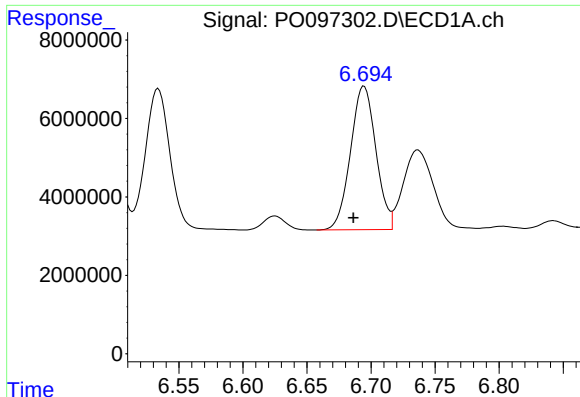
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.003 min
Response: 40023020
Conc: 366.21 ng/ml



#26 AR-1254-1

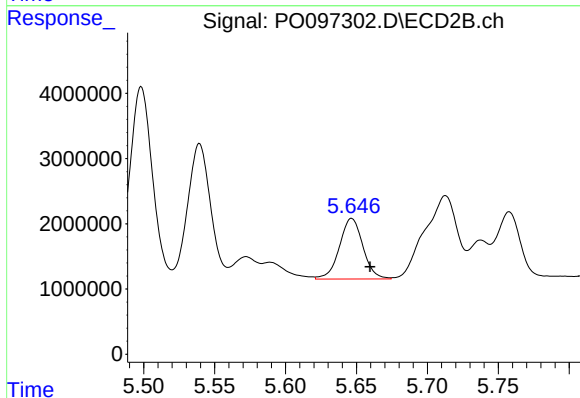
R.T.: 5.498 min
Delta R.T.: -0.013 min
Response: 33292939
Conc: 451.15 ng/ml



#27 AR-1254-2

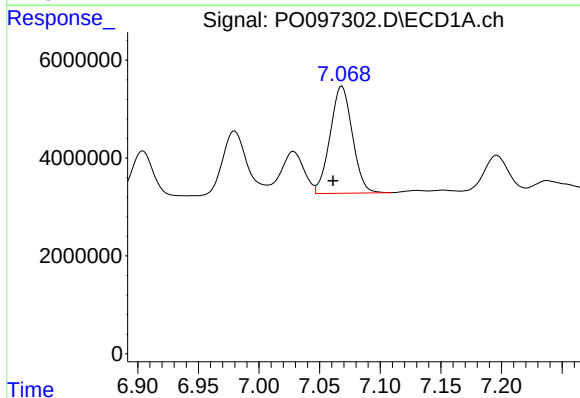
R.T.: 6.695 min
Delta R.T.: 0.008 min
Response: 50514961
Conc: 313.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



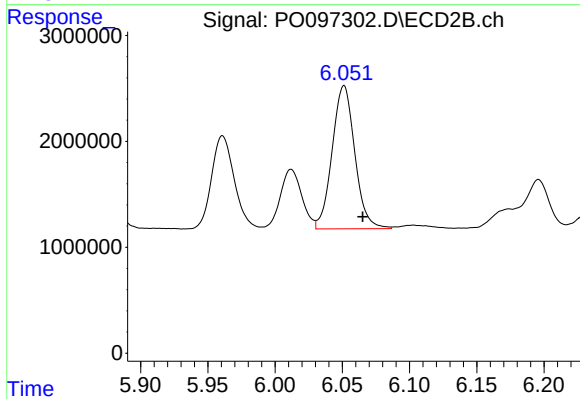
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.013 min
Response: 10733153
Conc: 162.92 ng/ml



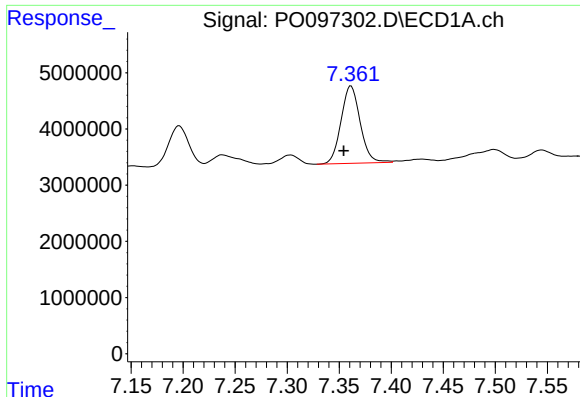
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 27943265
Conc: 178.33 ng/ml



#28 AR-1254-3

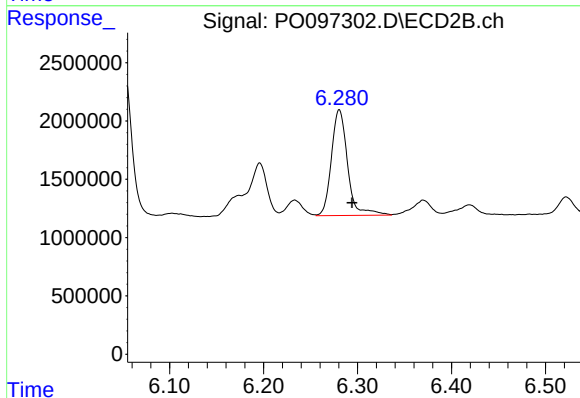
R.T.: 6.051 min
Delta R.T.: -0.014 min
Response: 15774514
Conc: 156.09 ng/ml



#29 AR-1254-4

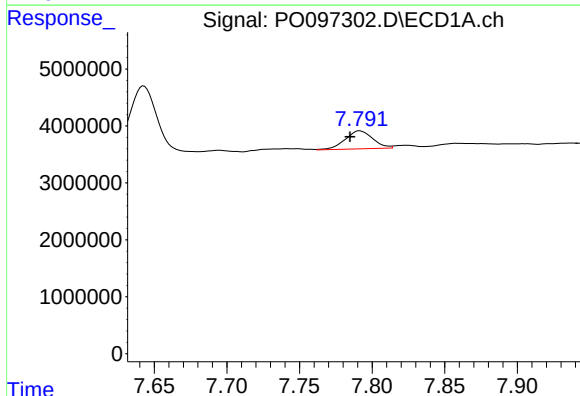
R.T.: 7.361 min
Delta R.T.: 0.007 min
Response: 17649211
Conc: 175.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



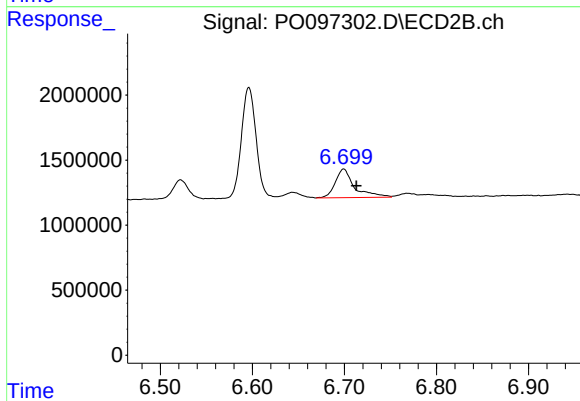
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 10855884
Conc: 187.58 ng/ml



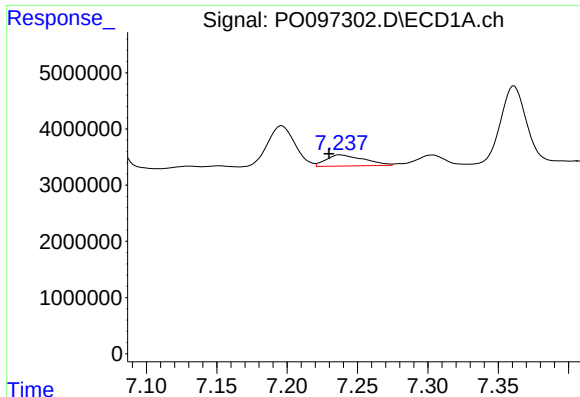
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 4208987
Conc: 37.51 ng/ml



#30 AR-1254-5

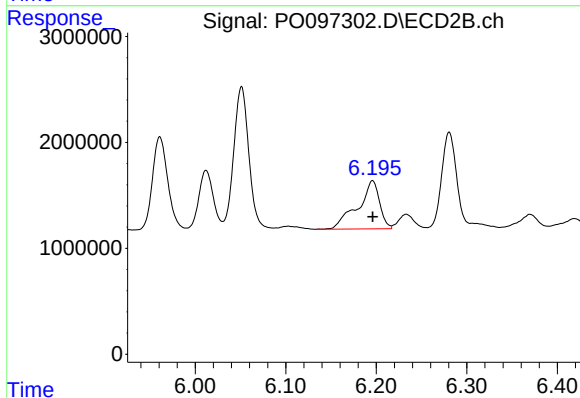
R.T.: 6.699 min
Delta R.T.: -0.014 min
Response: 3185916
Conc: 36.24 ng/ml



#31 AR-1260-1

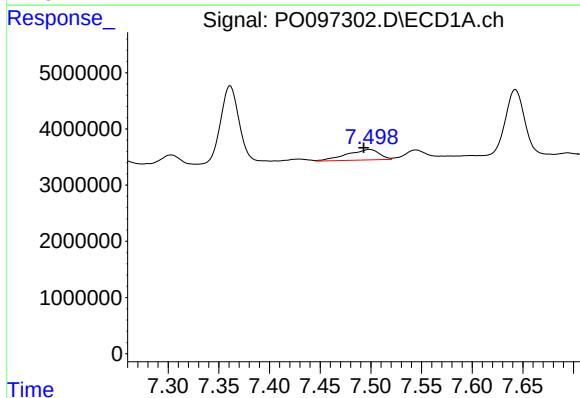
R.T.: 7.238 min
Delta R.T.: 0.008 min
Response: 3661478
Conc: 29.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



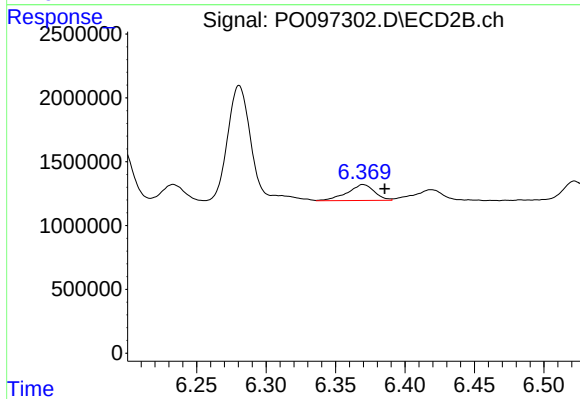
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 7654749
Conc: 108.78 ng/ml



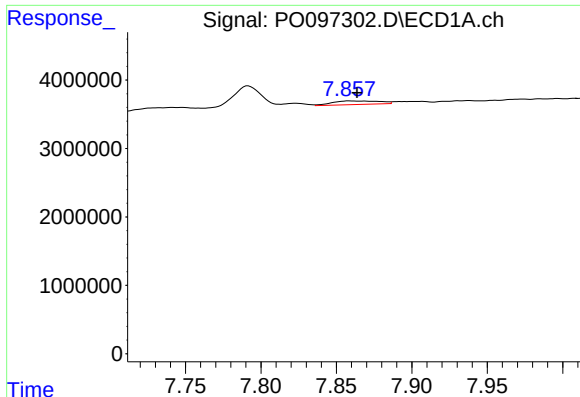
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 4149419
Conc: 30.80 ng/ml



#32 AR-1260-2

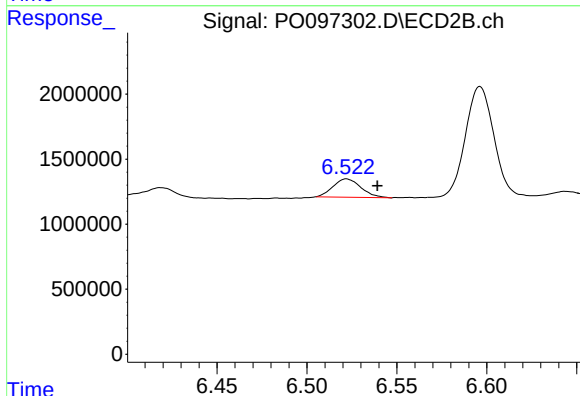
R.T.: 6.370 min
Delta R.T.: -0.015 min
Response: 1710200
Conc: 20.49 ng/ml



#33 AR-1260-3

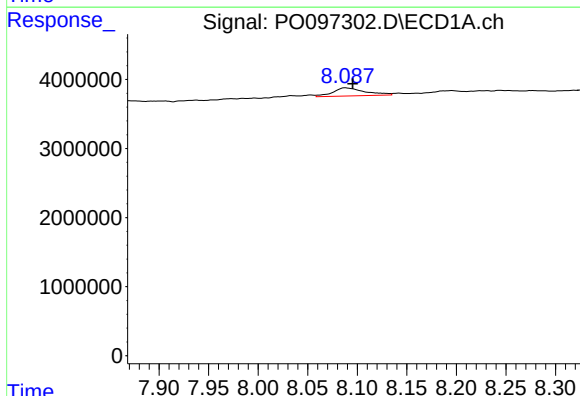
R.T.: 7.859 min
Delta R.T.: -0.005 min
Response: 1139144
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



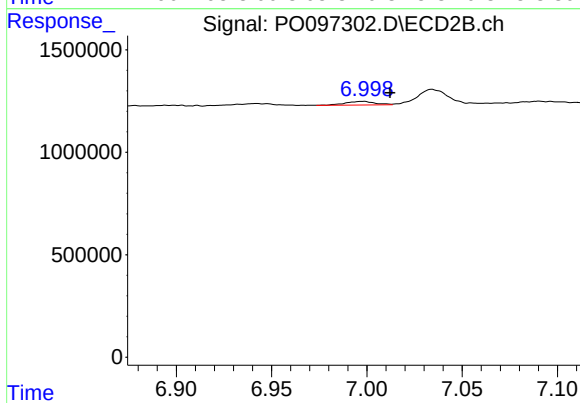
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 1521320
Conc: 19.70 ng/ml



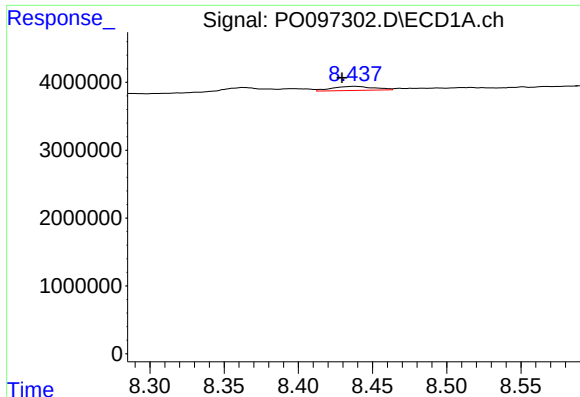
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.007 min
Response: 2681905
Conc: 23.99 ng/ml



#34 AR-1260-4

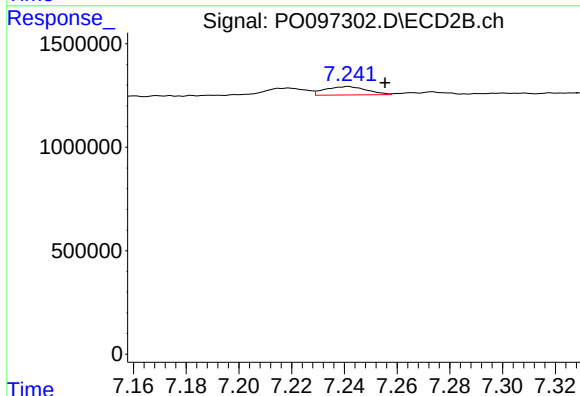
R.T.: 6.998 min
Delta R.T.: -0.014 min
Response: 196607
Conc: 3.07 ng/ml



#35 AR-1260-5

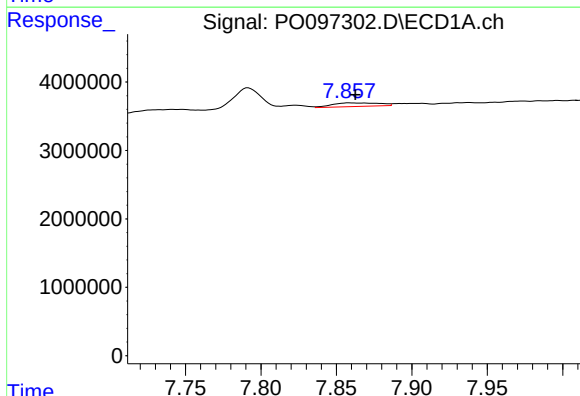
R.T.: 8.438 min
Delta R.T.: 0.008 min
Response: 1169349
Conc: 5.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



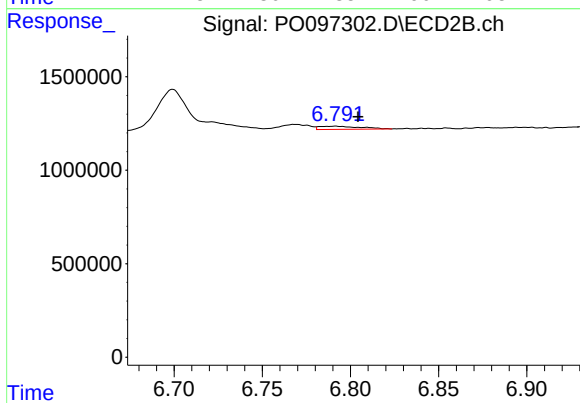
#35 AR-1260-5

R.T.: 7.241 min
Delta R.T.: -0.014 min
Response: 449973
Conc: 3.25 ng/ml



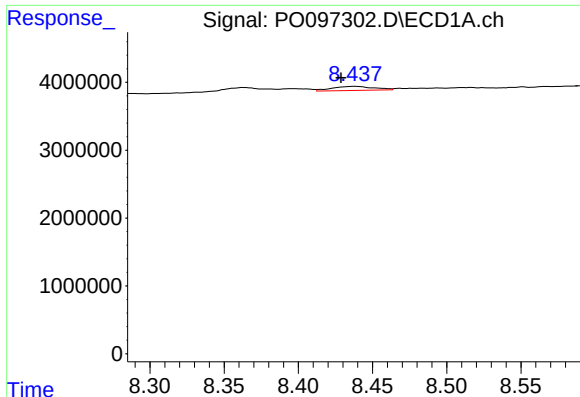
#36 AR-1262-1

R.T.: 7.859 min
Delta R.T.: -0.004 min
Response: 1139144
Conc: 7.67 ng/ml



#36 AR-1262-1

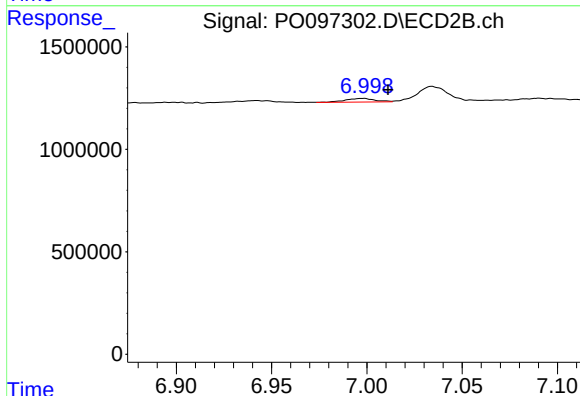
R.T.: 6.792 min
Delta R.T.: -0.013 min
Response: 267300
Conc: 6.79 ng/ml



#37 AR-1262-2

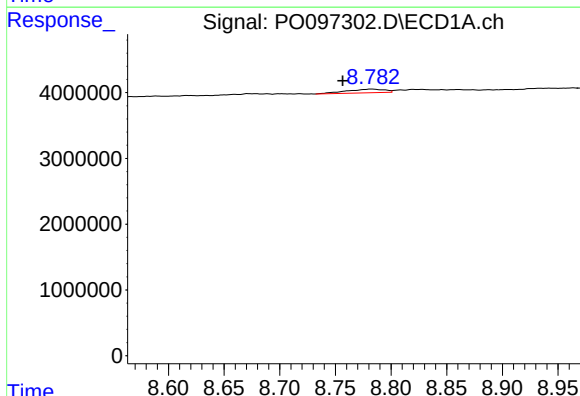
R.T.: 8.438 min
Delta R.T.: 0.009 min
Response: 1169349
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



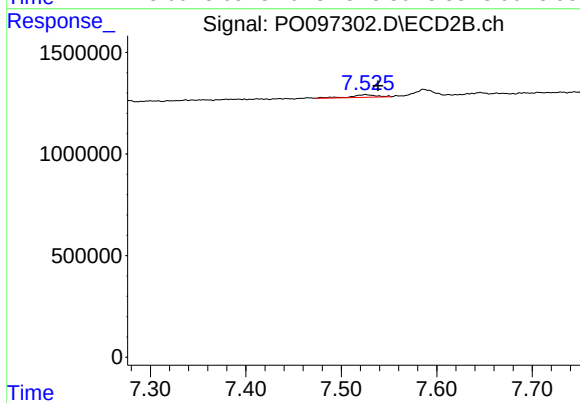
#37 AR-1262-2

R.T.: 6.998 min
Delta R.T.: -0.013 min
Response: 196607
Conc: 2.42 ng/ml



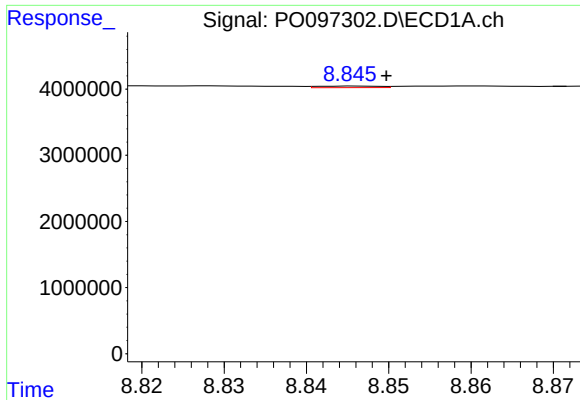
#38 AR-1262-3

R.T.: 8.783 min
Delta R.T.: 0.026 min
Response: 1331082
Conc: 7.98 ng/ml



#38 AR-1262-3

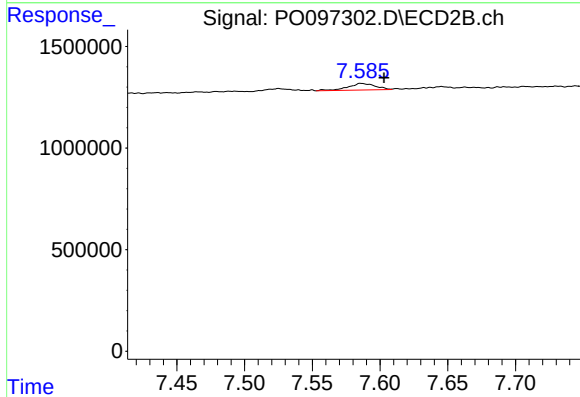
R.T.: 7.525 min
Delta R.T.: -0.014 min
Response: 231872
Conc: 3.61 ng/ml



#39 AR-1262-4

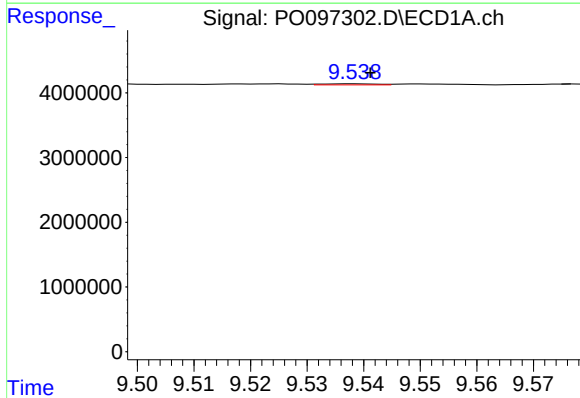
R.T.: 8.846 min
Delta R.T.: -0.004 min
Response: 124953
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



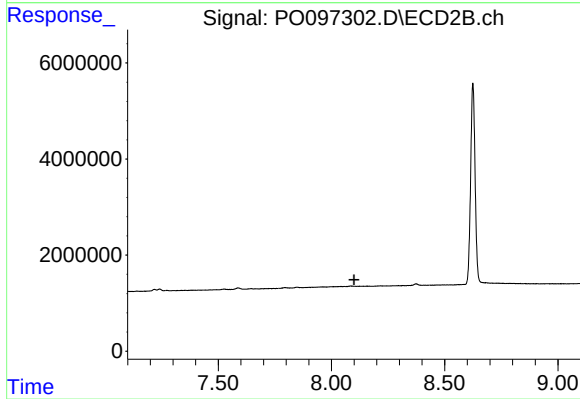
#39 AR-1262-4

R.T.: 7.586 min
Delta R.T.: -0.017 min
Response: 457368
Conc: 4.03 ng/ml



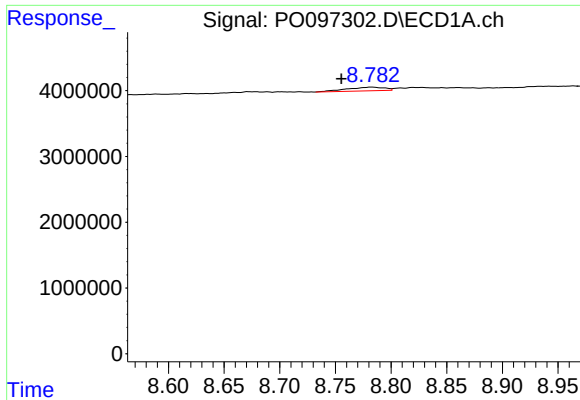
#40 AR-1262-5

R.T.: 9.538 min
Delta R.T.: -0.003 min
Response: 105420
Conc: 1.27 ng/ml



#40 AR-1262-5

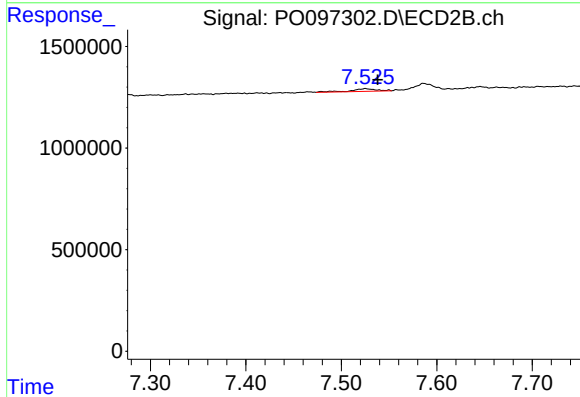
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

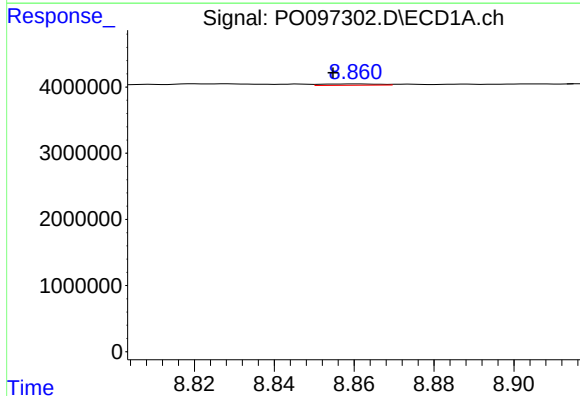
R.T.: 8.783 min
Delta R.T.: 0.028 min
Response: 1331082
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



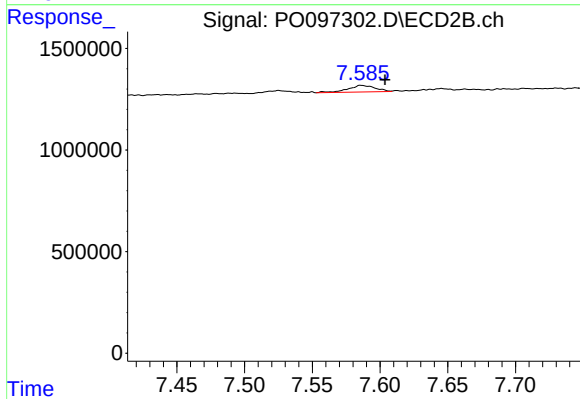
#41 AR-1268-1

R.T.: 7.525 min
Delta R.T.: -0.013 min
Response: 231872
Conc: 1.25 ng/ml



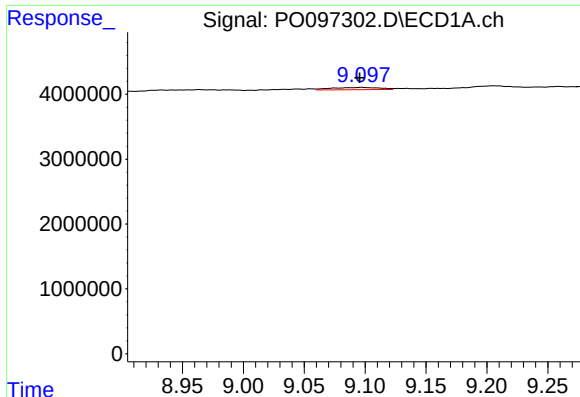
#42 AR-1268-2

R.T.: 8.860 min
Delta R.T.: 0.006 min
Response: 206619
Conc: 0.75 ng/ml



#42 AR-1268-2

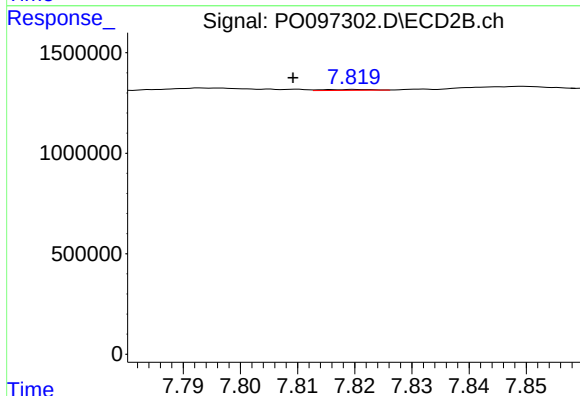
R.T.: 7.586 min
Delta R.T.: -0.017 min
Response: 457368
Conc: 2.73 ng/ml



#43 AR-1268-3

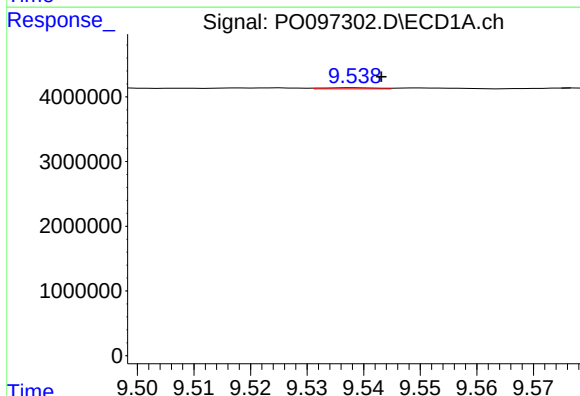
R.T.: 9.097 min
Delta R.T.: 0.002 min
Response: 974810
Conc: 3.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



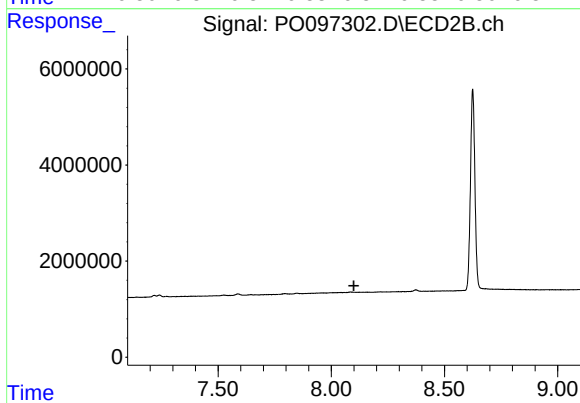
#43 AR-1268-3

R.T.: 7.820 min
Delta R.T.: 0.011 min
Response: 27045
Conc: 0.19 ng/ml



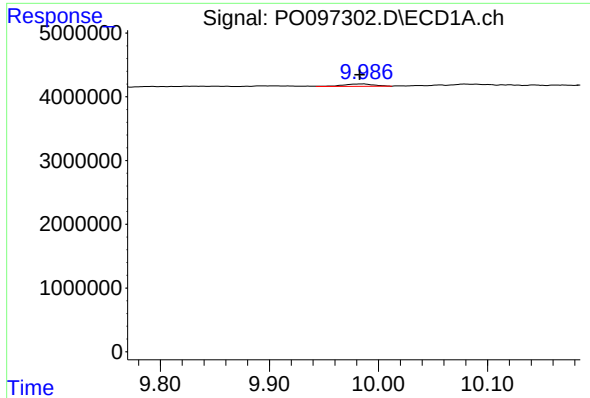
#44 AR-1268-4

R.T.: 9.538 min
Delta R.T.: -0.005 min
Response: 105420
Conc: 1.14 ng/ml



#44 AR-1268-4

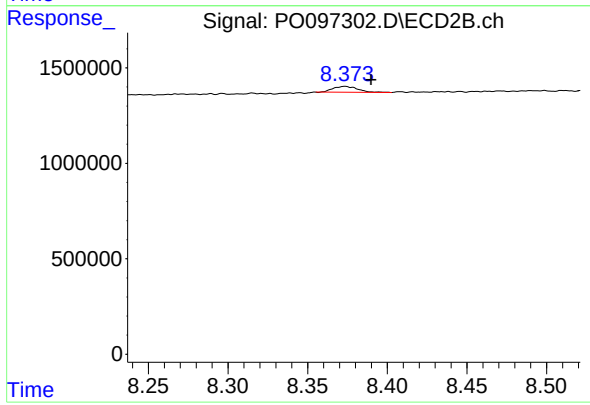
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.004 min
Response: 774037
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.373 min
Delta R.T.: -0.016 min
Response: 332704
Conc: 0.80 ng/ml