

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011723\
 Data File : P0092108.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2023 16:33
 Operator : YP/AJ
 Sample : 01172-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 20:45:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 11 04:41:00 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...	4.447	3.647	39599403	25117560	14.197	18.091 #
2)	SA Decachlor...	10.369	8.701	33645157	15807262	17.186	17.827
Target Compounds							
3)	L1 AR-1016-1	5.633	4.766	1915211	16744520	22.534	383.531 #
4)	L1 AR-1016-2	5.656	4.766	3795087	16744520	30.173	265.971 #
5)	L1 AR-1016-3	5.718	4.934	1275833	672245	16.040	20.050 #
6)	L1 AR-1016-4	0.000	4.975	0	728653	N.D.	24.529 #
7)	L1 AR-1016-5	6.120	5.188	1407881	1059245	21.642	28.742 #
9)	L2 AR-1221-2	0.000	3.947	0	469928	N.D.	35.979 #
10)	L2 AR-1221-3	0.000	4.067f	0	1247397	N.D.	32.168 #
11)	L3 AR-1232-1	0.000	4.067f	0	1247397	N.D.	36.544 #
12)	L3 AR-1232-2	5.359	4.766	4361369	16744520	134.387	578.577 #
13)	L3 AR-1232-3	5.656	4.934	3795087	672245	66.211	44.539 #
14)	L3 AR-1232-4	0.000	5.018	0	383469	N.D.	25.452 #
15)	L3 AR-1232-5	5.913	5.188	1418337	1059245	59.120	64.773
16)	L4 AR-1242-1	5.633	4.766	1915211	16744520	26.839	448.546 #
17)	L4 AR-1242-2	5.656	4.766	3795087	16744520	35.917	315.054 #
18)	L4 AR-1242-3	5.718	4.934	1275833	672245	18.929	23.495
19)	L4 AR-1242-4	0.000	5.018	0	383469	N.D.	12.475 #
20)	L4 AR-1242-5	6.537	5.547	5537362	3524391	109.368	106.869
21)	L5 AR-1248-1	5.633	4.766	1915211	16744520	34.994	587.149 #
22)	L5 AR-1248-2	5.913	4.975	1418337	728653	16.397	16.428
23)	L5 AR-1248-3	6.120	5.018	1407881	383469	15.303	8.417 #
24)	L5 AR-1248-4	6.537	5.188	5537362	1059245	62.253	20.315 #
25)	L5 AR-1248-5	6.537	5.617	5537362	781025	64.008	17.659 #
26)	L6 AR-1254-1	6.509	5.547	5267111	3524391	50.909	47.737
27)	L6 AR-1254-2	6.732	5.692	5980288	2000708	39.453	30.618
28)	L6 AR-1254-3	7.102	6.098	5942592	3026747	39.740	31.184
29)	L6 AR-1254-4	7.394	6.329	2546835	1059304	26.797	21.857
30)	L6 AR-1254-5	7.822	6.749	6341245	2849830	51.117	37.009 #
31)	L7 AR-1260-1	7.271	6.230	2561404	1457454	21.333	22.413
32)	L7 AR-1260-2	7.531	6.419	4207228	1286585	32.751	17.564 #
33)	L7 AR-1260-3	7.902	6.573	1236550	1524107	11.858	21.310 #
34)	L7 AR-1260-4	8.127	7.049	2849610	434353	24.681	8.062 #
35)	L7 AR-1260-5	8.467	7.292	2205380	1149109	11.040	10.241
36)	L8 AR-1262-1	7.902	6.749f	1236550	2849830	9.593	37.200 #
37)	L8 AR-1262-2	8.467	7.292	2205380	1149109	11.364	9.925
38)	L8 AR-1262-3	8.803	7.581	3200886	383618	22.693	8.579 #
39)	L8 AR-1262-4	8.860	7.643	2978504	1192490	35.340	14.361 #
40)	L8 AR-1262-5	0.000	8.142	0	1137840	N.D.	31.228 #
41)	L9 AR-1268-1	8.803	7.581	3200886	383618	11.155	2.517 #
42)	L9 AR-1268-2	8.860	7.643	2978504	1192490	10.246	8.713

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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	0.000	8.142	0	1137840	N.D.	24.024 #
45) L9	AR-1268-5	0.000	8.446	0	1079530	N.D.	2.896 #

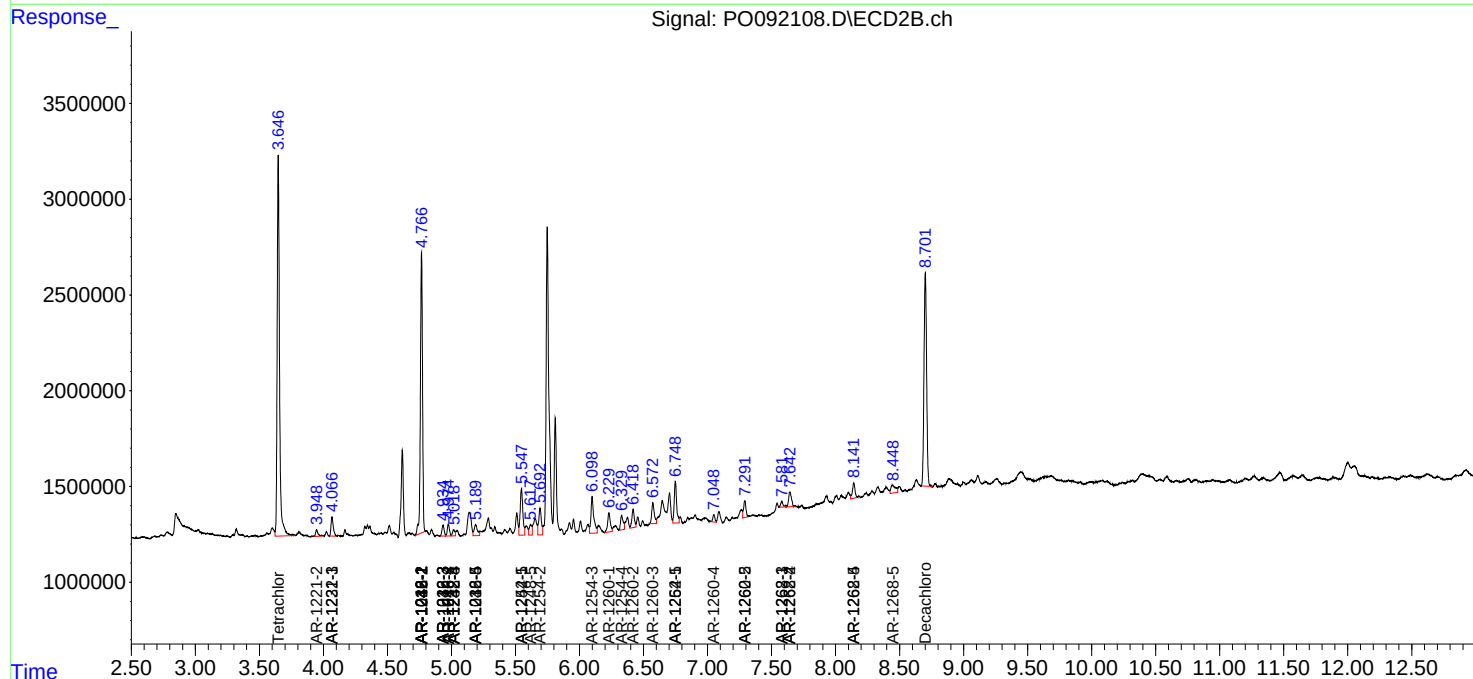
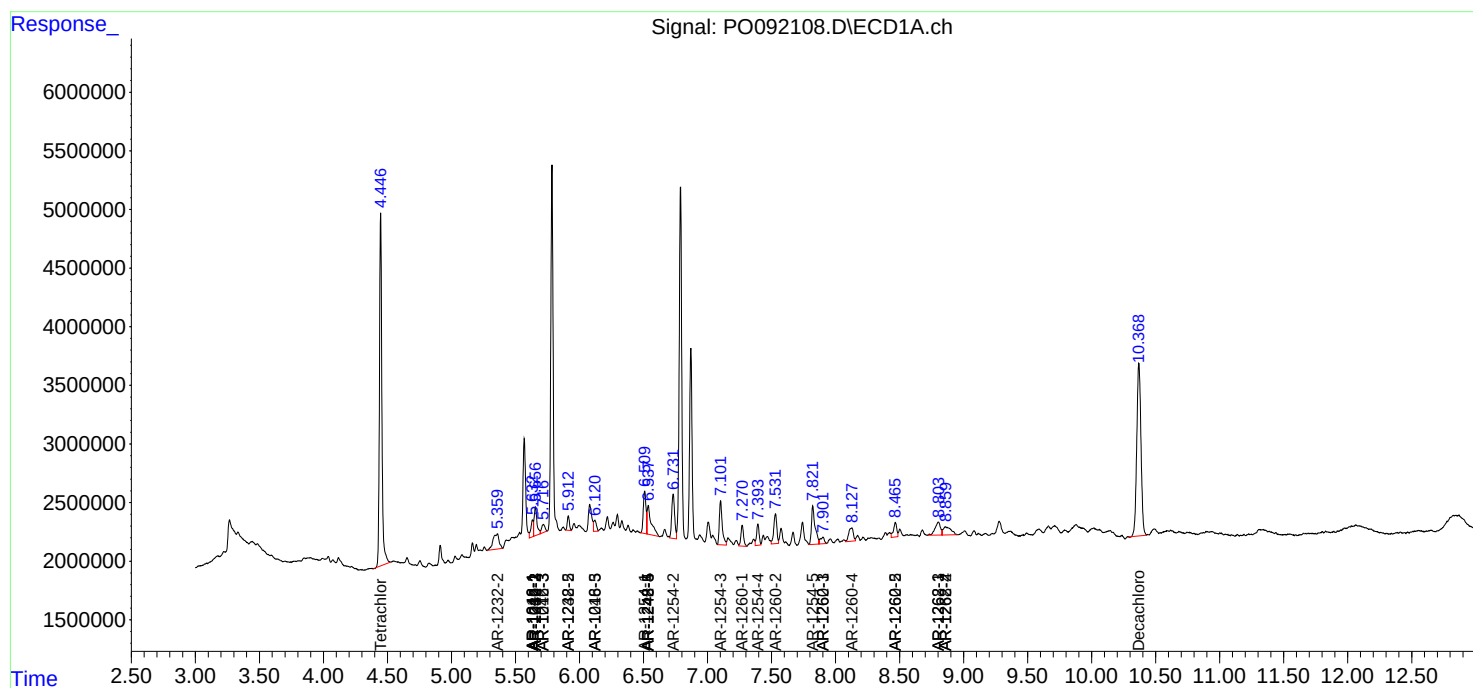
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

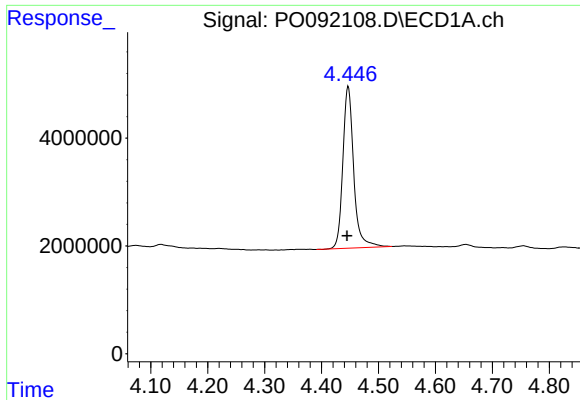
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

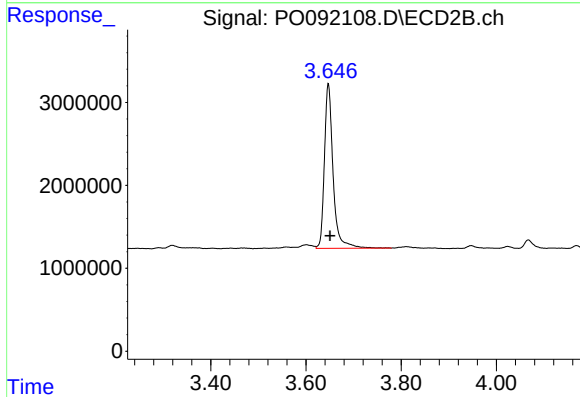




#1 Tetrachloro-m-xylene

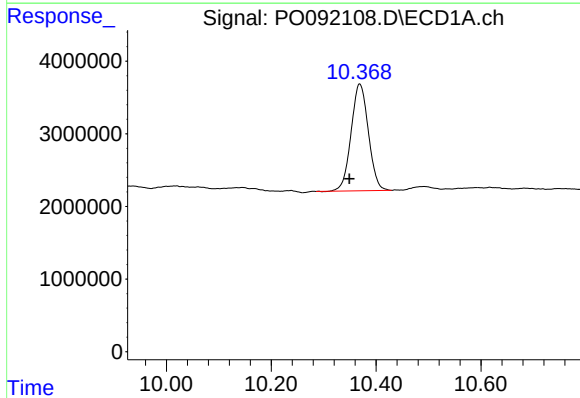
R.T.: 4.447 min
Delta R.T.: 0.002 min
Response: 39599403
Conc: 14.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



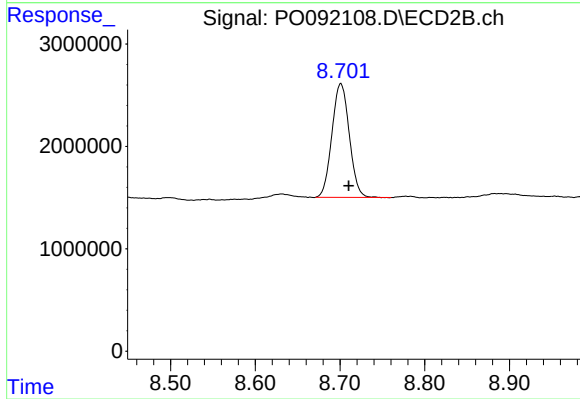
#1 Tetrachloro-m-xylene

R.T.: 3.647 min
Delta R.T.: -0.004 min
Response: 25117560
Conc: 18.09 ng/ml



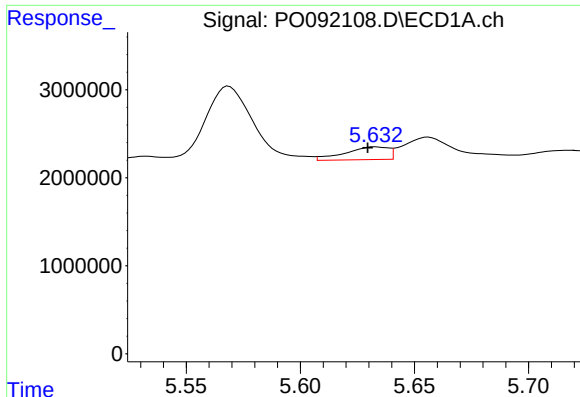
#2 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: 0.020 min
Response: 33645157
Conc: 17.19 ng/ml



#2 Decachlorobiphenyl

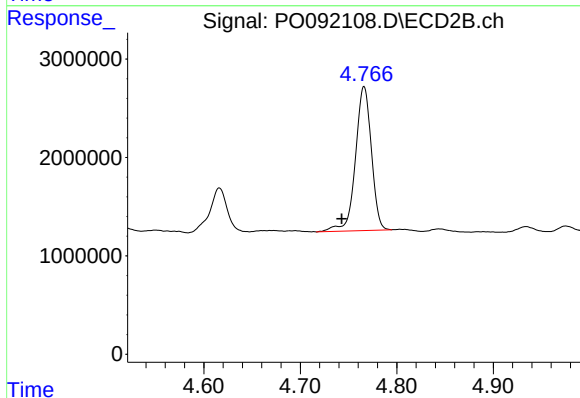
R.T.: 8.701 min
Delta R.T.: -0.009 min
Response: 15807262
Conc: 17.83 ng/ml



#3 AR-1016-1

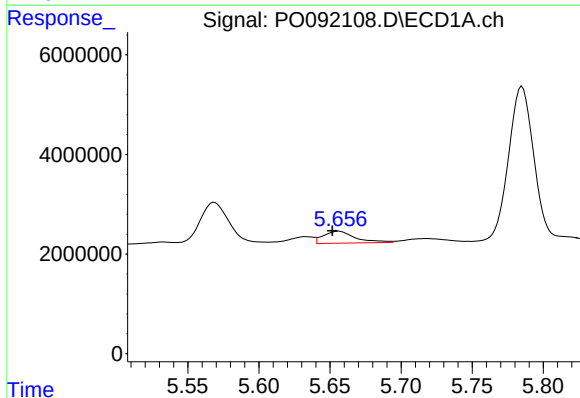
R.T.: 5.633 min
Delta R.T.: 0.003 min
Response: 1915211
Conc: 22.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



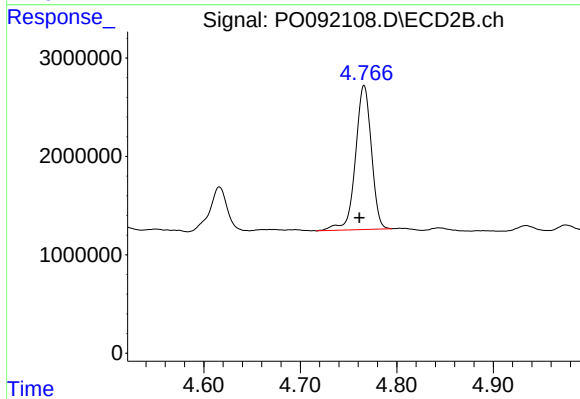
#3 AR-1016-1

R.T.: 4.766 min
Delta R.T.: 0.023 min
Response: 16744520
Conc: 383.53 ng/ml



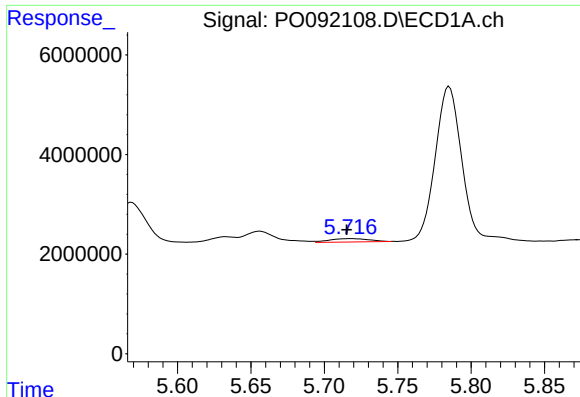
#4 AR-1016-2

R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 3795087
Conc: 30.17 ng/ml



#4 AR-1016-2

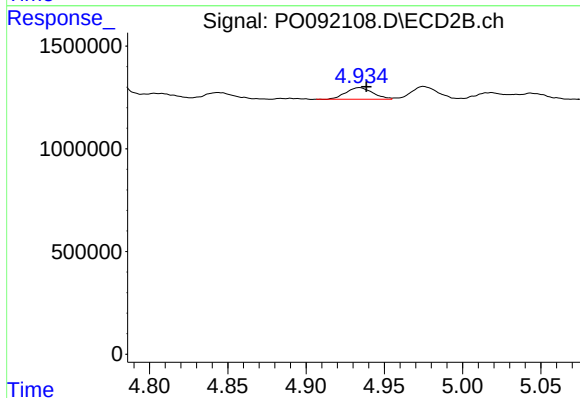
R.T.: 4.766 min
Delta R.T.: 0.005 min
Response: 16744520
Conc: 265.97 ng/ml



#5 AR-1016-3

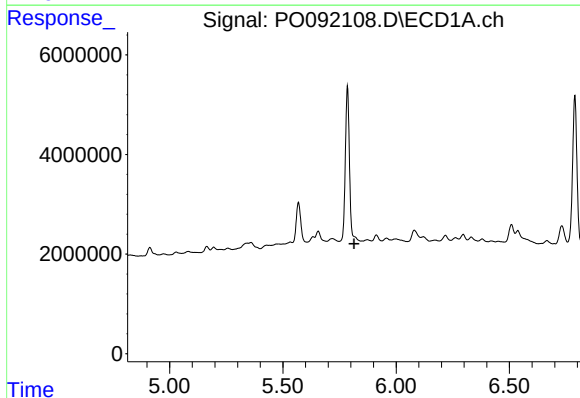
R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 1275833
Conc: 16.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



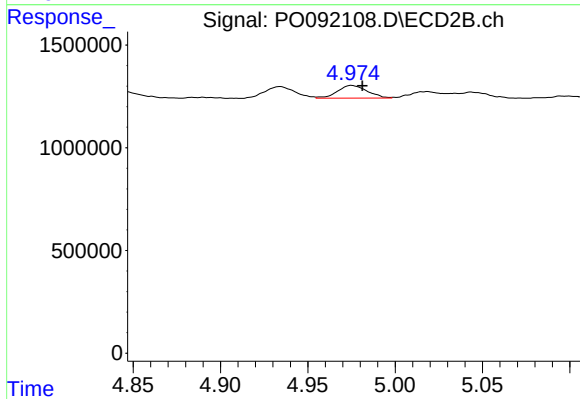
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: -0.005 min
Response: 672245
Conc: 20.05 ng/ml



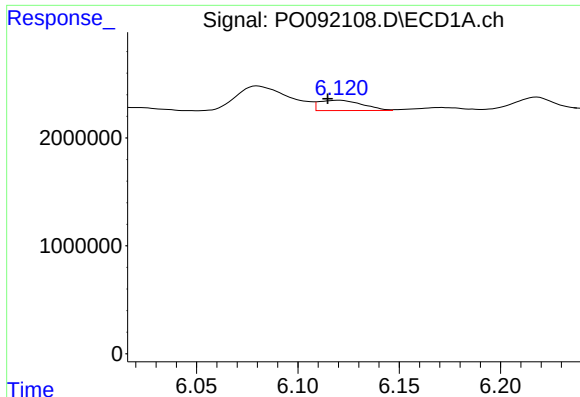
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.814 min
Response: 0
Conc: N.D.



#6 AR-1016-4

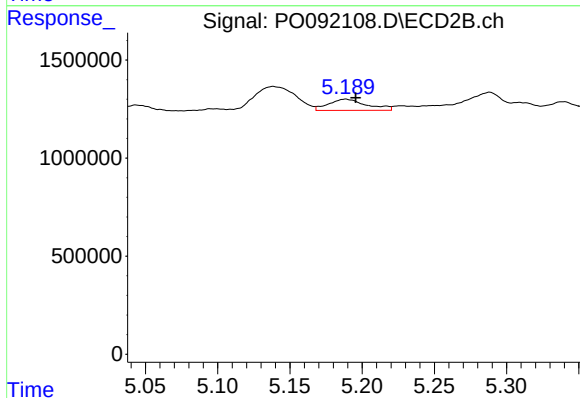
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 728653
Conc: 24.53 ng/ml



#7 AR-1016-5

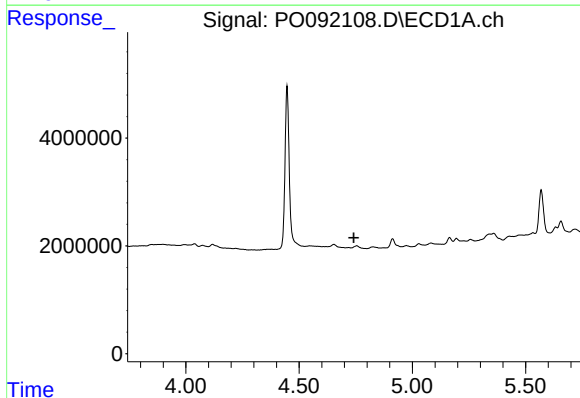
R.T.: 6.120 min
Delta R.T.: 0.006 min
Response: 1407881
Conc: 21.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



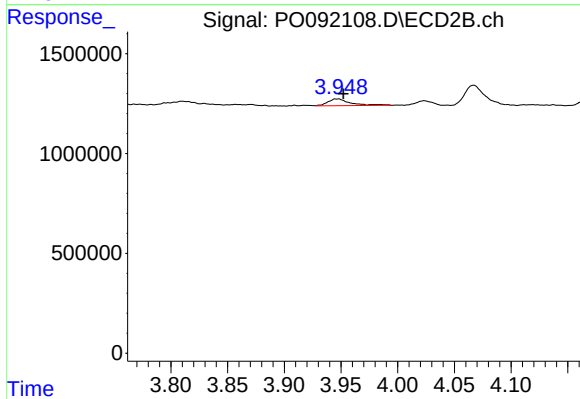
#7 AR-1016-5

R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 1059245
Conc: 28.74 ng/ml



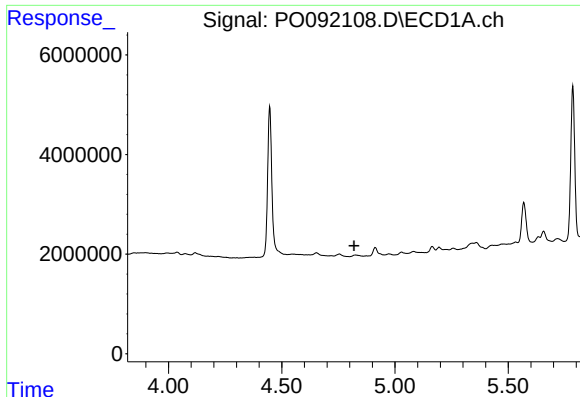
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.742 min
Response: 0
Conc: N.D.



#9 AR-1221-2

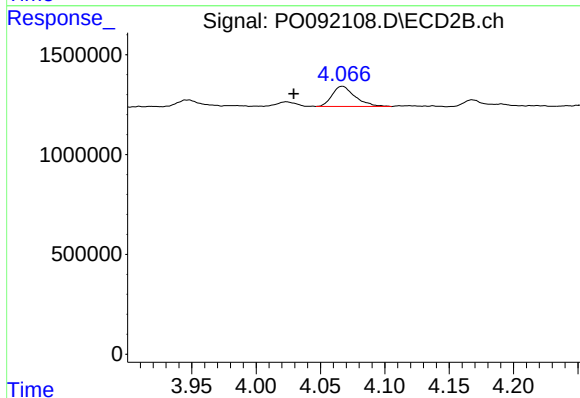
R.T.: 3.947 min
Delta R.T.: -0.005 min
Response: 469928
Conc: 35.98 ng/ml



#10 AR-1221-3

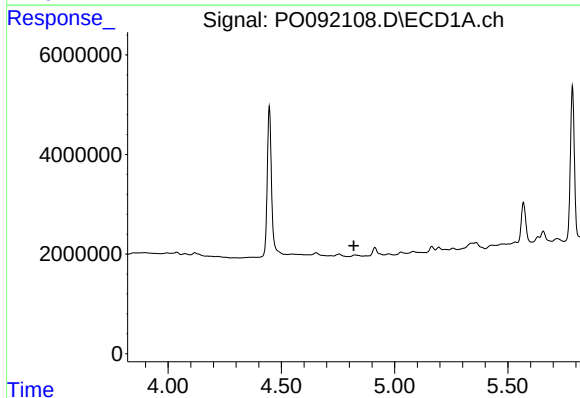
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



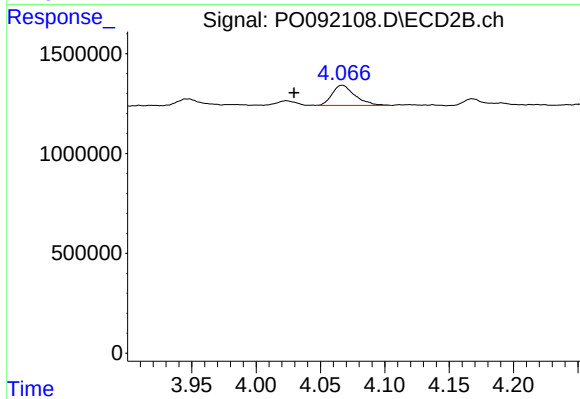
#10 AR-1221-3

R.T.: 4.067 min
Delta R.T.: 0.038 min
Response: 1247397
Conc: 32.17 ng/ml



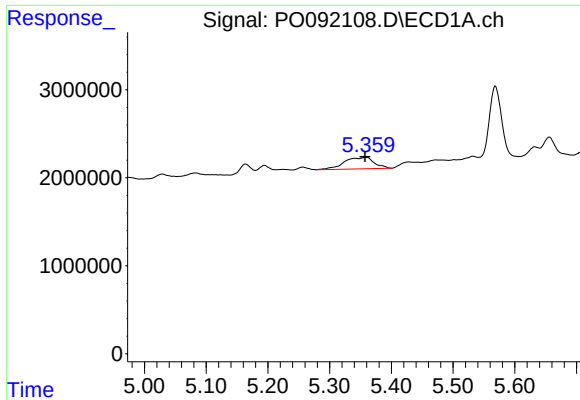
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.820 min
Response: 0
Conc: N.D.



#11 AR-1232-1

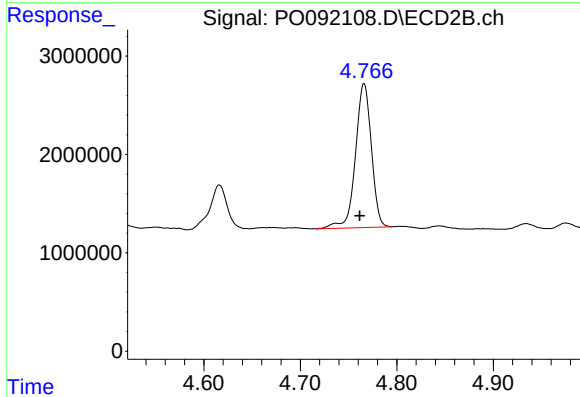
R.T.: 4.067 min
Delta R.T.: 0.037 min
Response: 1247397
Conc: 36.54 ng/ml



#12 AR-1232-2

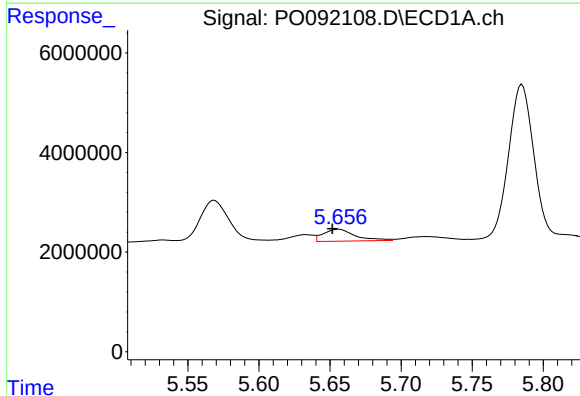
R.T.: 5.359 min
Delta R.T.: 0.002 min
Response: 4361369
Conc: 134.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



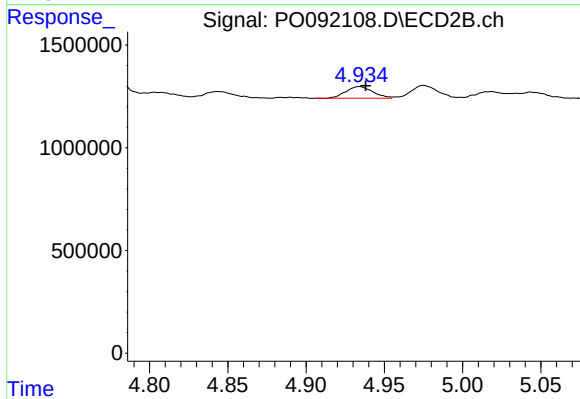
#12 AR-1232-2

R.T.: 4.766 min
Delta R.T.: 0.004 min
Response: 16744520
Conc: 578.58 ng/ml



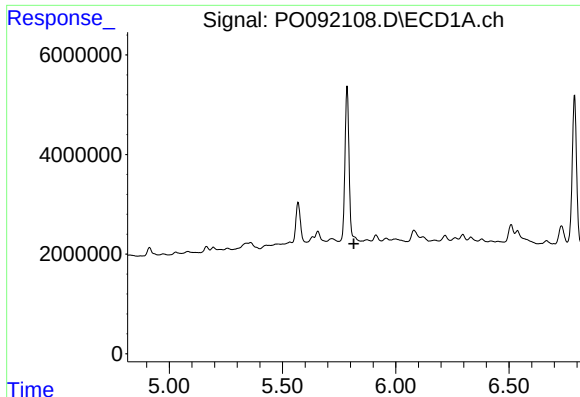
#13 AR-1232-3

R.T.: 5.656 min
Delta R.T.: 0.004 min
Response: 3795087
Conc: 66.21 ng/ml



#13 AR-1232-3

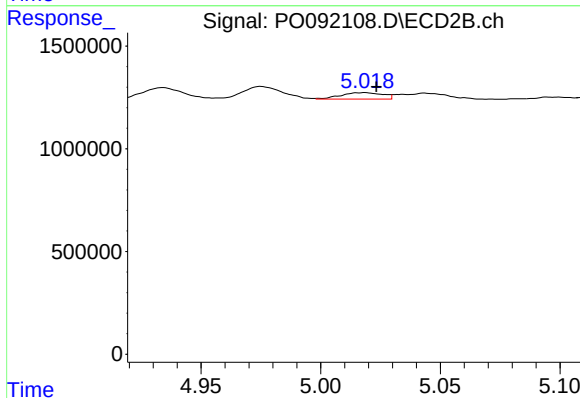
R.T.: 4.934 min
Delta R.T.: -0.004 min
Response: 672245
Conc: 44.54 ng/ml



#14 AR-1232-4

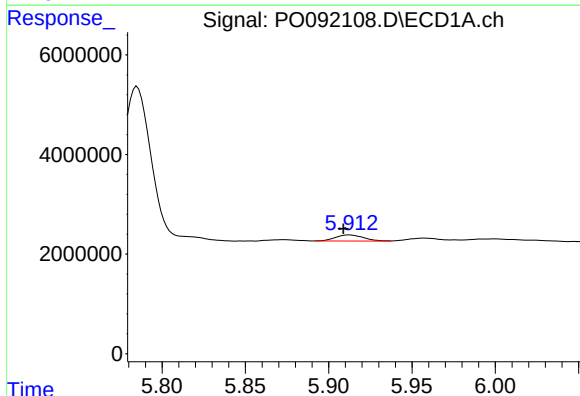
R.T.: 0.000 min
Exp R.T.: 5.814 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



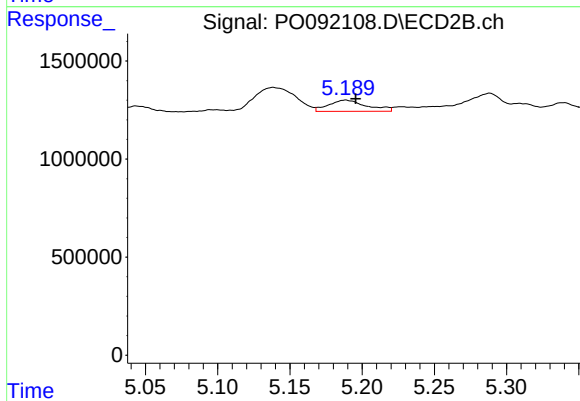
#14 AR-1232-4

R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 383469
Conc: 25.45 ng/ml



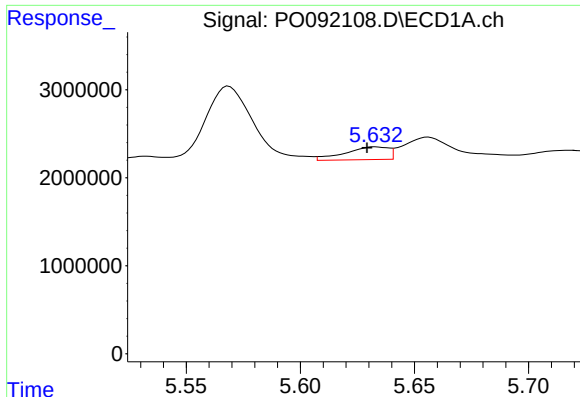
#15 AR-1232-5

R.T.: 5.913 min
Delta R.T.: 0.004 min
Response: 1418337
Conc: 59.12 ng/ml



#15 AR-1232-5

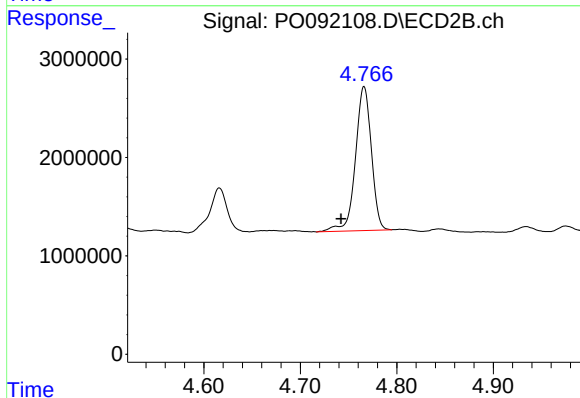
R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 1059245
Conc: 64.77 ng/ml



#16 AR-1242-1

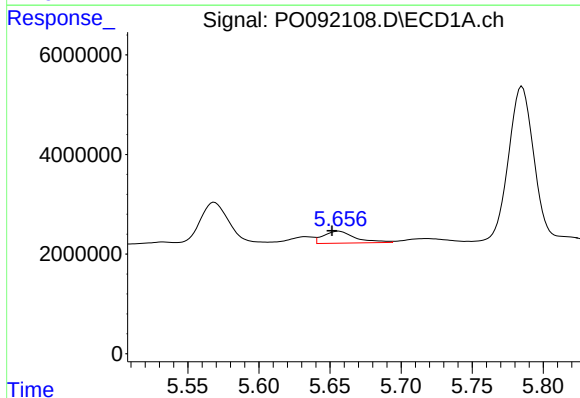
R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1915211
Conc: 26.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



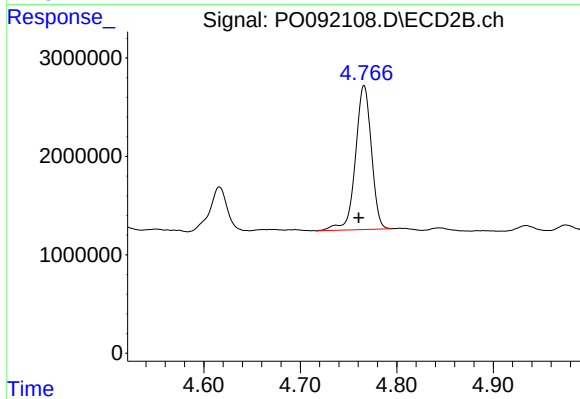
#16 AR-1242-1

R.T.: 4.766 min
Delta R.T.: 0.024 min
Response: 16744520
Conc: 448.55 ng/ml



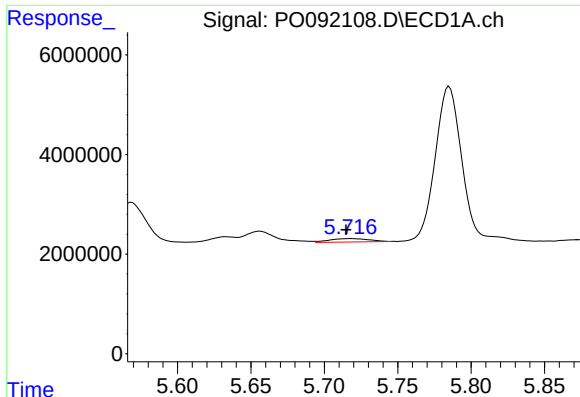
#17 AR-1242-2

R.T.: 5.656 min
Delta R.T.: 0.005 min
Response: 3795087
Conc: 35.92 ng/ml



#17 AR-1242-2

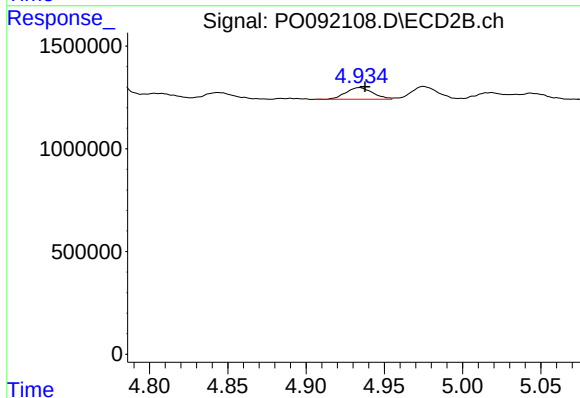
R.T.: 4.766 min
Delta R.T.: 0.005 min
Response: 16744520
Conc: 315.05 ng/ml



#18 AR-1242-3

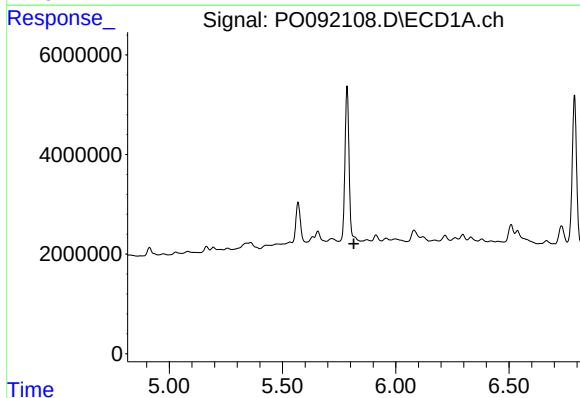
R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 1275833
Conc: 18.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



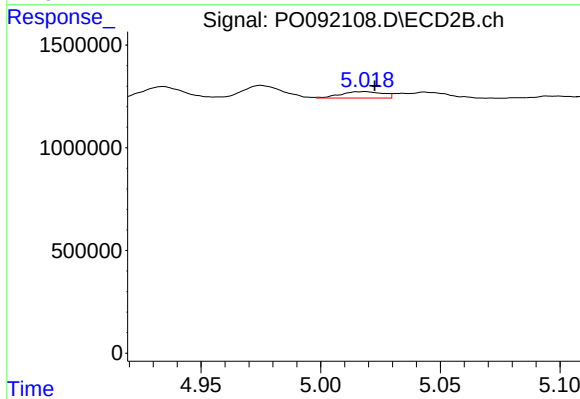
#18 AR-1242-3

R.T.: 4.934 min
Delta R.T.: -0.004 min
Response: 672245
Conc: 23.49 ng/ml



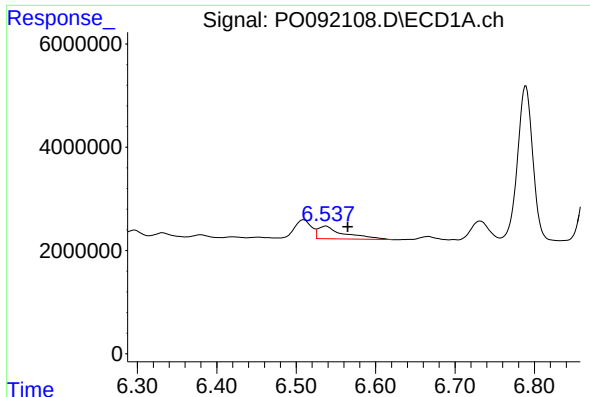
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.814 min
Response: 0
Conc: N.D.



#19 AR-1242-4

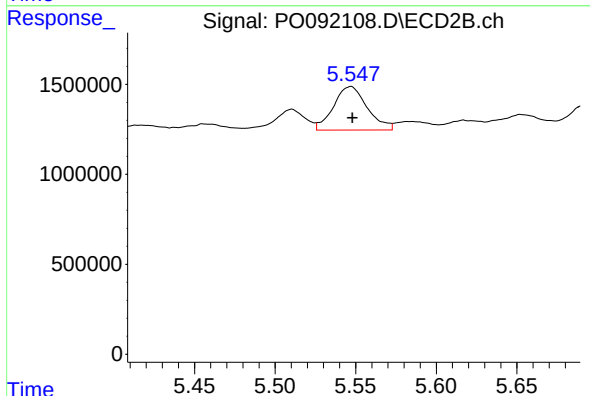
R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 383469
Conc: 12.48 ng/ml



#20 AR-1242-5

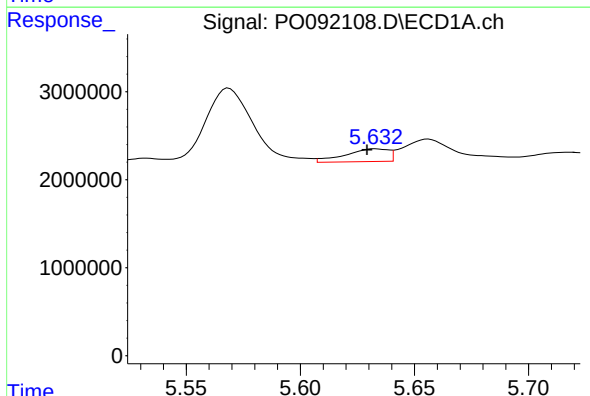
R.T.: 6.537 min
Delta R.T.: -0.028 min
Response: 5537362
Conc: 109.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



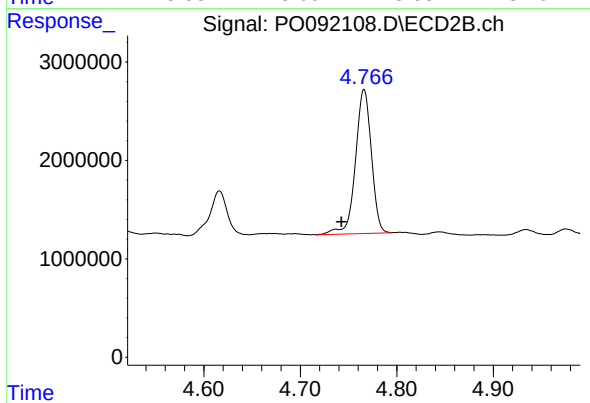
#20 AR-1242-5

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 3524391
Conc: 106.87 ng/ml



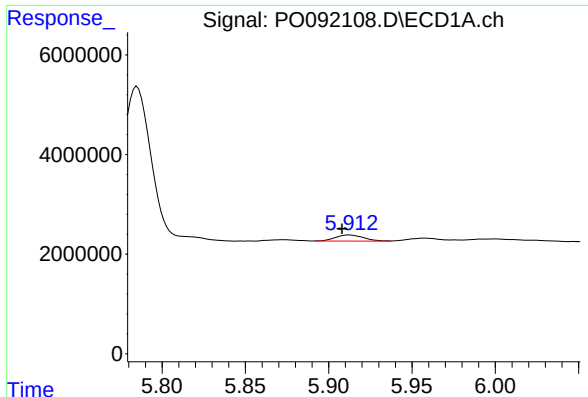
#21 AR-1248-1

R.T.: 5.633 min
Delta R.T.: 0.004 min
Response: 1915211
Conc: 34.99 ng/ml



#21 AR-1248-1

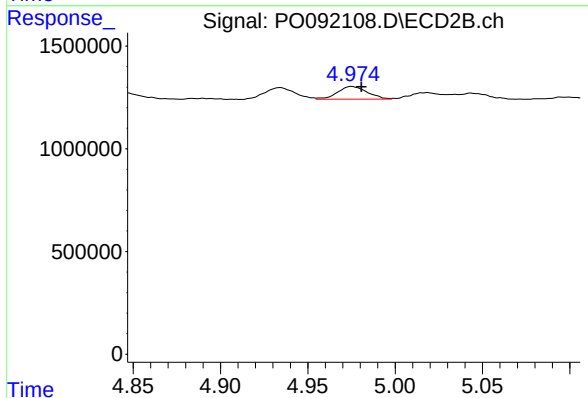
R.T.: 4.766 min
Delta R.T.: 0.024 min
Response: 16744520
Conc: 587.15 ng/ml



#22 AR-1248-2

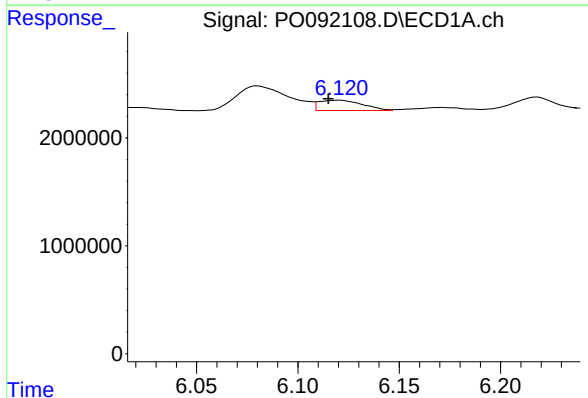
R.T.: 5.913 min
Delta R.T.: 0.004 min
Response: 1418337
Conc: 16.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



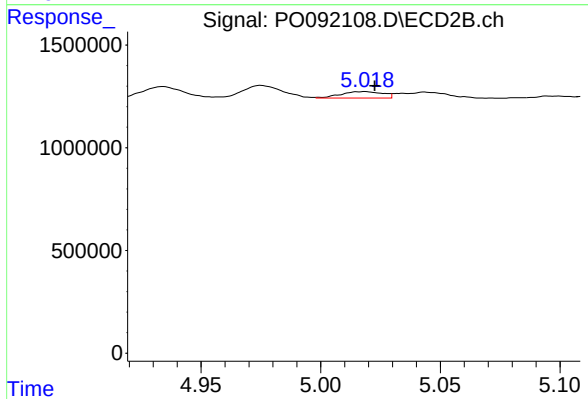
#22 AR-1248-2

R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 728653
Conc: 16.43 ng/ml



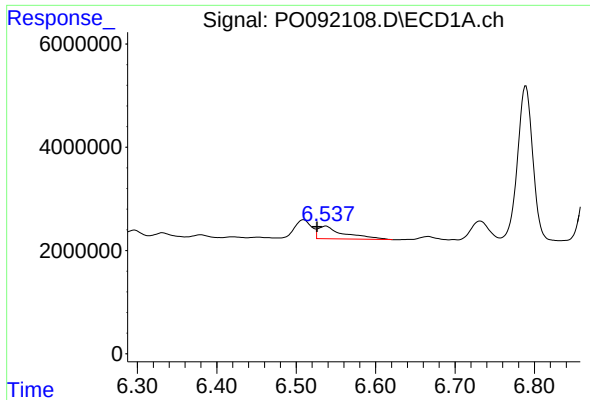
#23 AR-1248-3

R.T.: 6.120 min
Delta R.T.: 0.005 min
Response: 1407881
Conc: 15.30 ng/ml



#23 AR-1248-3

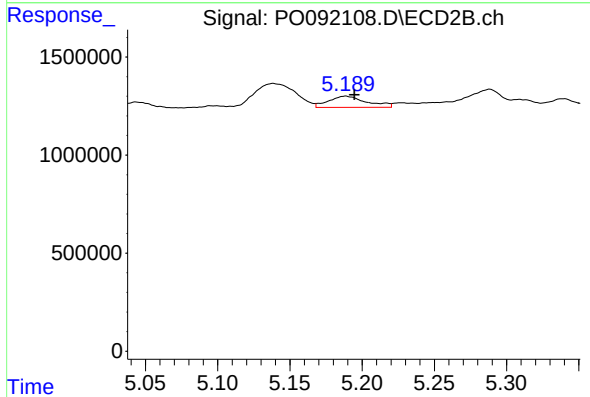
R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 383469
Conc: 8.42 ng/ml



#24 AR-1248-4

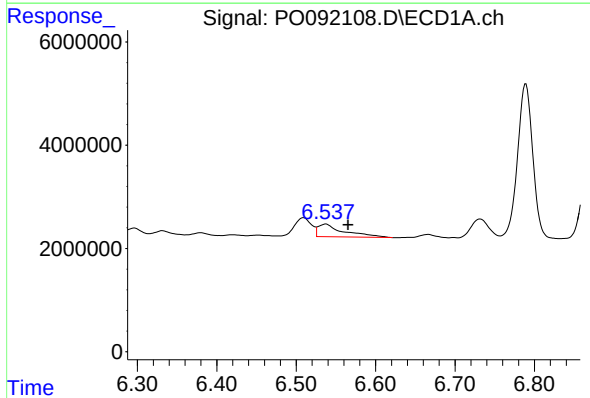
R.T.: 6.537 min
Delta R.T.: 0.011 min
Response: 5537362
Conc: 62.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



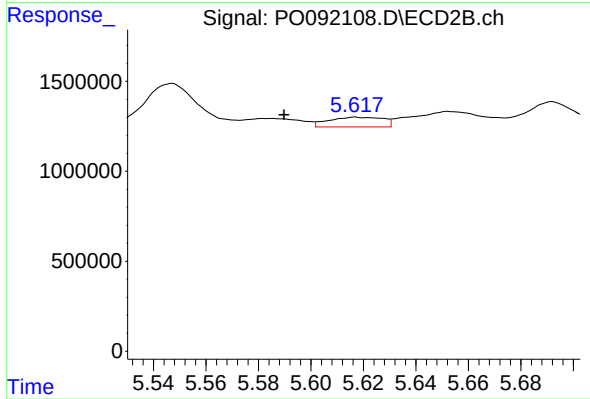
#24 AR-1248-4

R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 1059245
Conc: 20.31 ng/ml



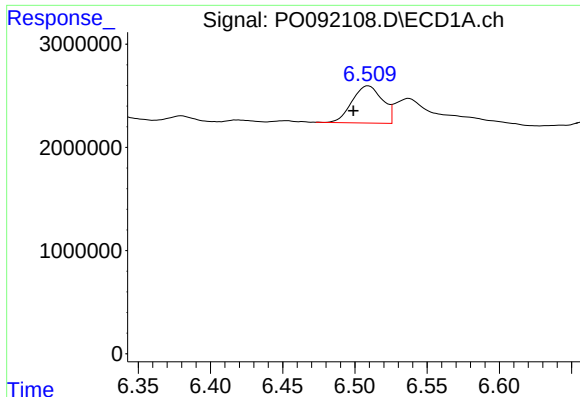
#25 AR-1248-5

R.T.: 6.537 min
Delta R.T.: -0.028 min
Response: 5537362
Conc: 64.01 ng/ml



#25 AR-1248-5

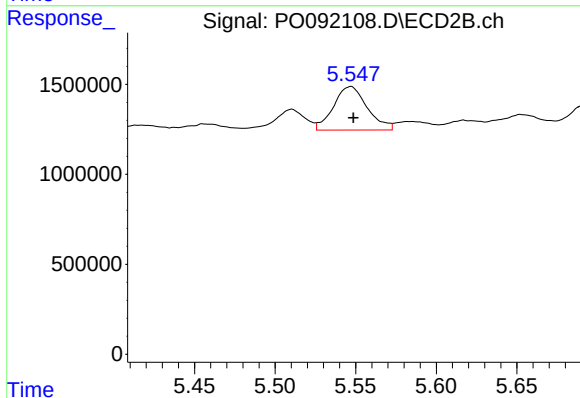
R.T.: 5.617 min
Delta R.T.: 0.027 min
Response: 781025
Conc: 17.66 ng/ml



#26 AR-1254-1

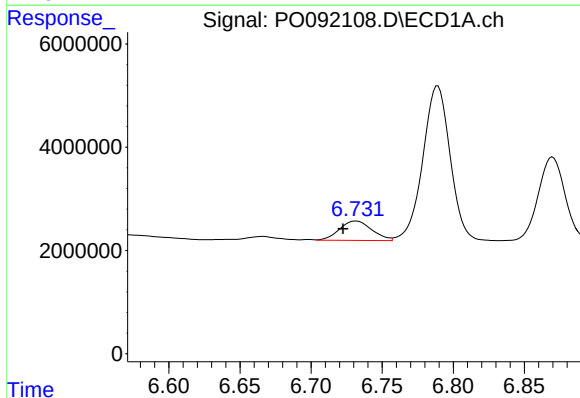
R.T.: 6.509 min
Delta R.T.: 0.010 min
Response: 5267111
Conc: 50.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



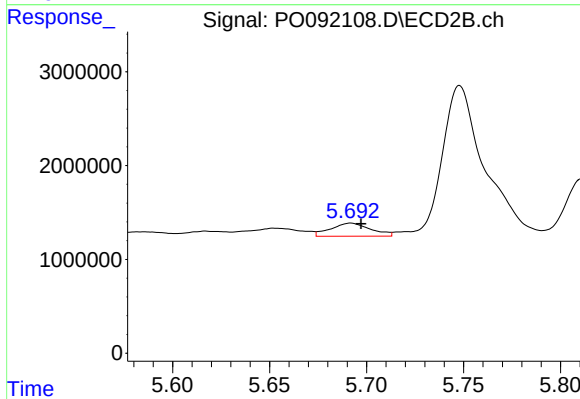
#26 AR-1254-1

R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 3524391
Conc: 47.74 ng/ml



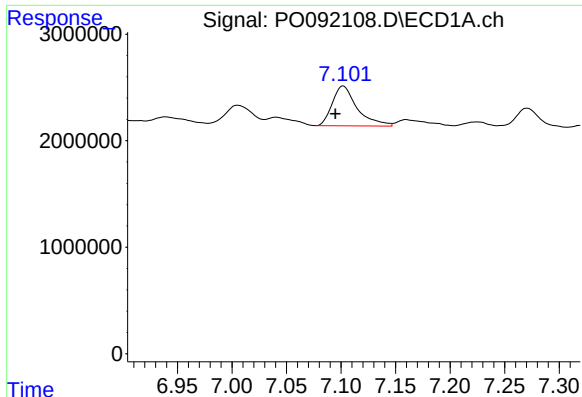
#27 AR-1254-2

R.T.: 6.732 min
Delta R.T.: 0.009 min
Response: 5980288
Conc: 39.45 ng/ml



#27 AR-1254-2

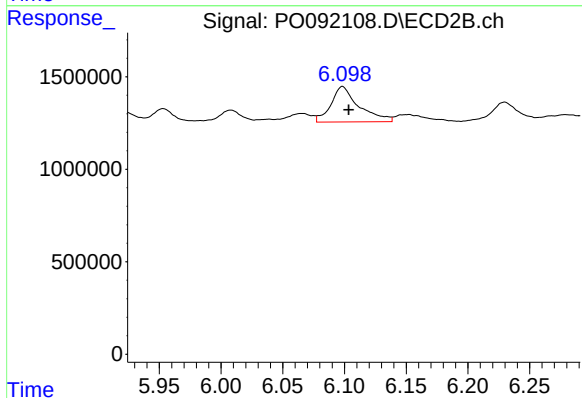
R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 2000708
Conc: 30.62 ng/ml



#28 AR-1254-3

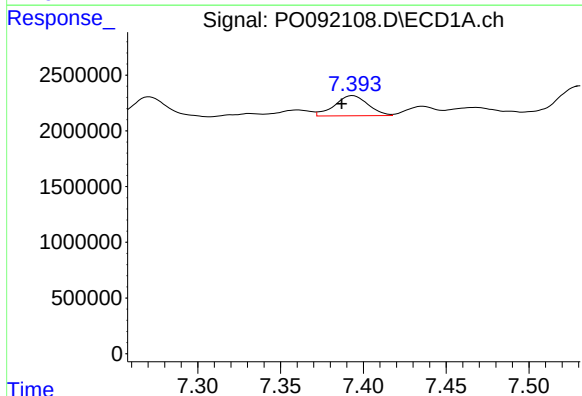
R.T.: 7.102 min
Delta R.T.: 0.007 min
Response: 5942592
Conc: 39.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



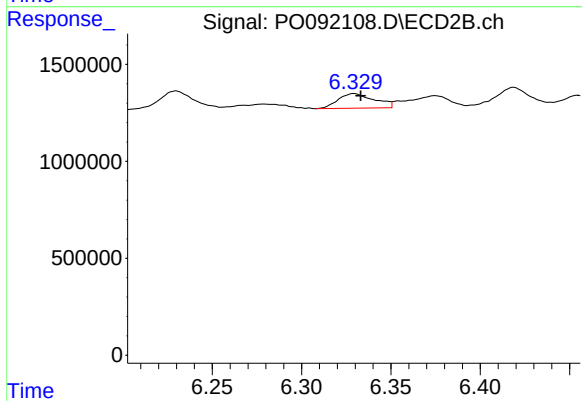
#28 AR-1254-3

R.T.: 6.098 min
Delta R.T.: -0.005 min
Response: 3026747
Conc: 31.18 ng/ml



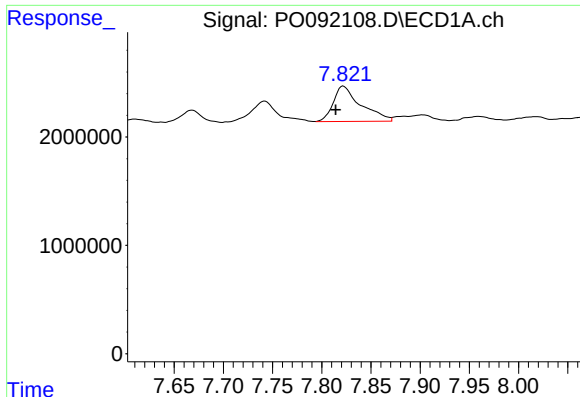
#29 AR-1254-4

R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 2546835
Conc: 26.80 ng/ml



#29 AR-1254-4

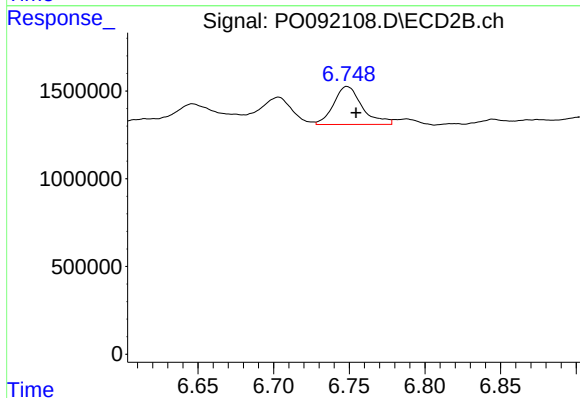
R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 1059304
Conc: 21.86 ng/ml



#30 AR-1254-5

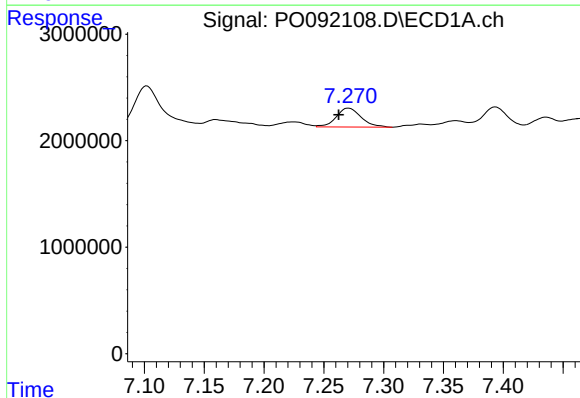
R.T.: 7.822 min
Delta R.T.: 0.008 min
Response: 6341245
Conc: 51.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



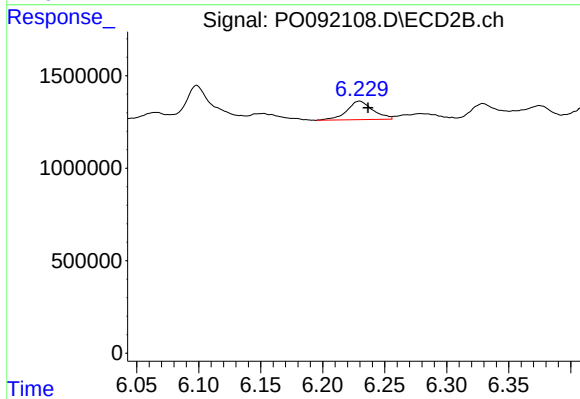
#30 AR-1254-5

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 2849830
Conc: 37.01 ng/ml



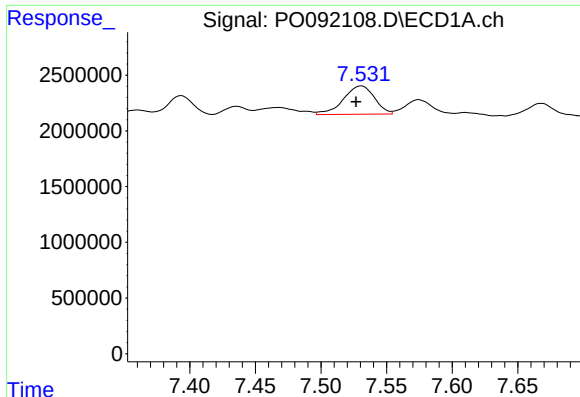
#31 AR-1260-1

R.T.: 7.271 min
Delta R.T.: 0.008 min
Response: 2561404
Conc: 21.33 ng/ml



#31 AR-1260-1

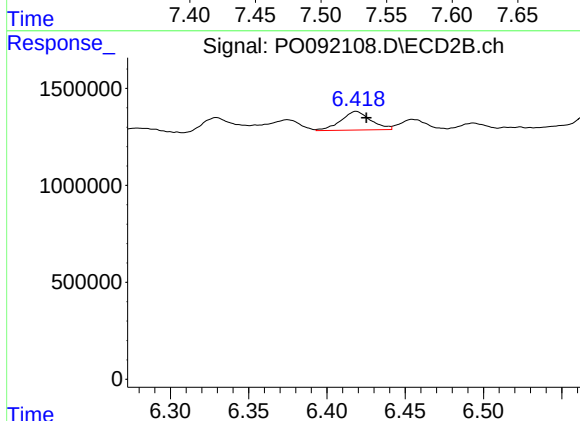
R.T.: 6.230 min
Delta R.T.: -0.007 min
Response: 1457454
Conc: 22.41 ng/ml



#32 AR-1260-2

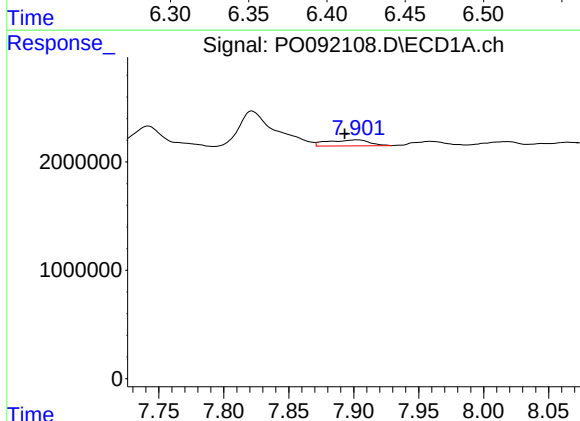
R.T.: 7.531 min
Delta R.T.: 0.004 min
Response: 4207228
Conc: 32.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



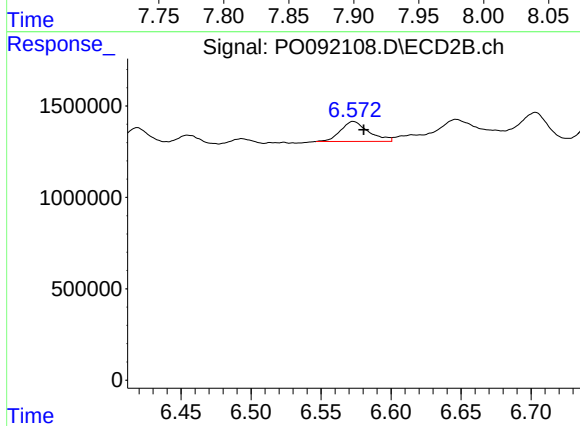
#32 AR-1260-2

R.T.: 6.419 min
Delta R.T.: -0.006 min
Response: 1286585
Conc: 17.56 ng/ml



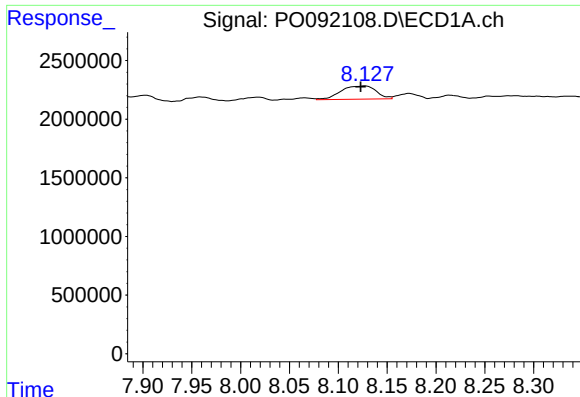
#33 AR-1260-3

R.T.: 7.902 min
Delta R.T.: 0.009 min
Response: 1236550
Conc: 11.86 ng/ml



#33 AR-1260-3

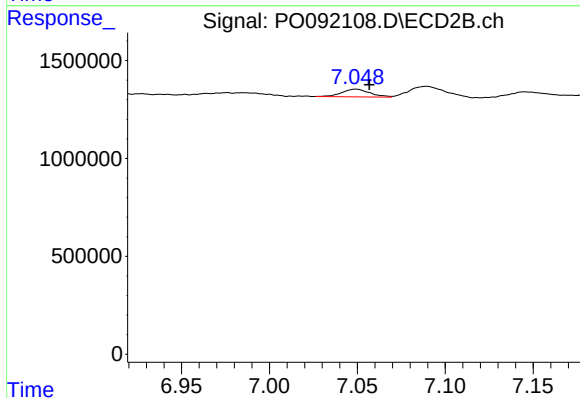
R.T.: 6.573 min
Delta R.T.: -0.007 min
Response: 1524107
Conc: 21.31 ng/ml



#34 AR-1260-4

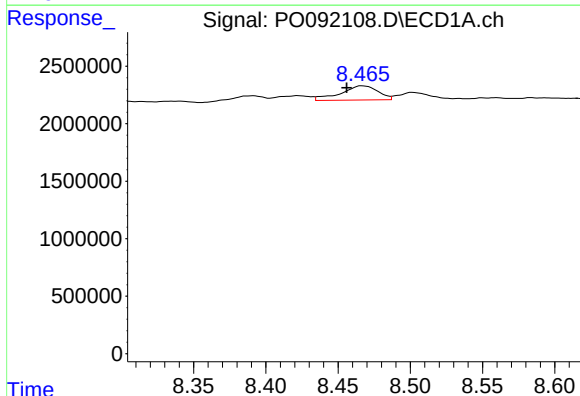
R.T.: 8.127 min
Delta R.T.: 0.004 min
Response: 2849610
Conc: 24.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



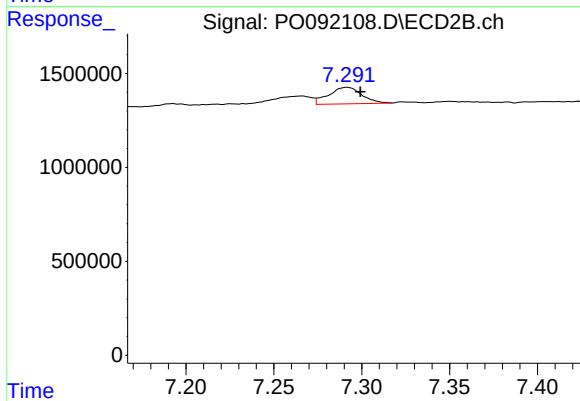
#34 AR-1260-4

R.T.: 7.049 min
Delta R.T.: -0.008 min
Response: 434353
Conc: 8.06 ng/ml



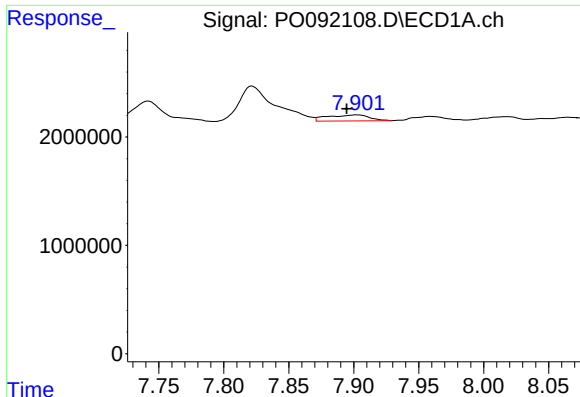
#35 AR-1260-5

R.T.: 8.467 min
Delta R.T.: 0.011 min
Response: 2205380
Conc: 11.04 ng/ml



#35 AR-1260-5

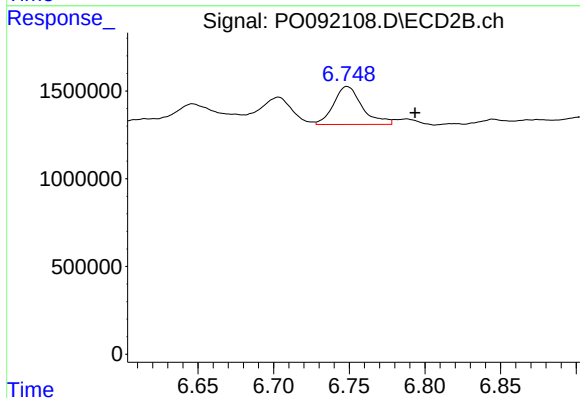
R.T.: 7.292 min
Delta R.T.: -0.008 min
Response: 1149109
Conc: 10.24 ng/ml



#36 AR-1262-1

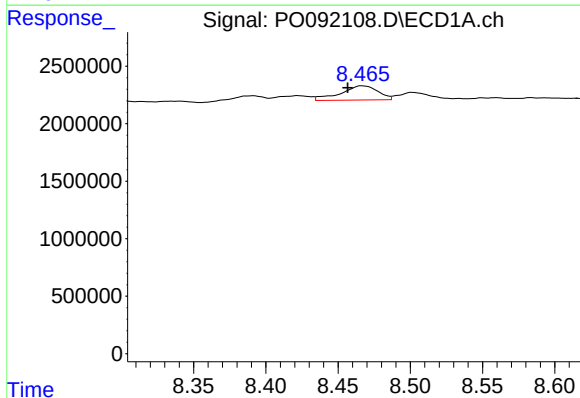
R.T.: 7.902 min
Delta R.T.: 0.008 min
Response: 1236550
Conc: 9.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



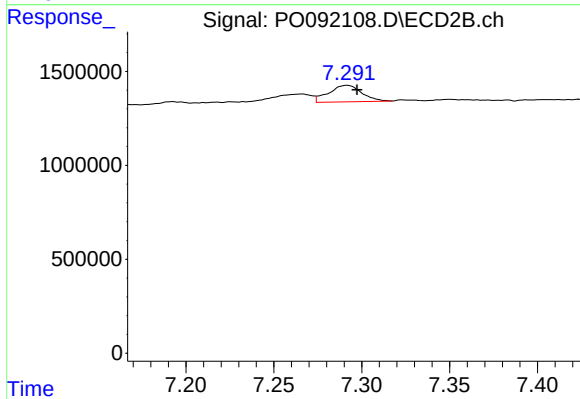
#36 AR-1262-1

R.T.: 6.749 min
Delta R.T.: -0.045 min
Response: 2849830
Conc: 37.20 ng/ml



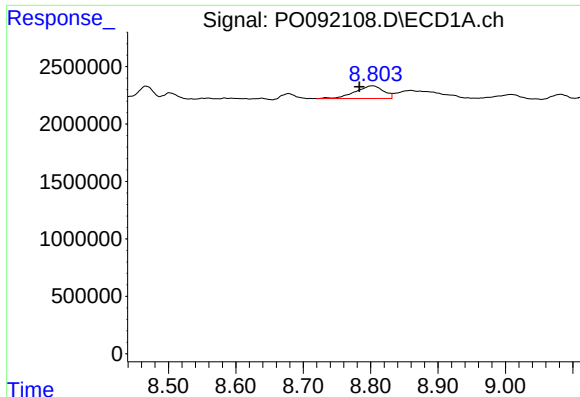
#37 AR-1262-2

R.T.: 8.467 min
Delta R.T.: 0.010 min
Response: 2205380
Conc: 11.36 ng/ml



#37 AR-1262-2

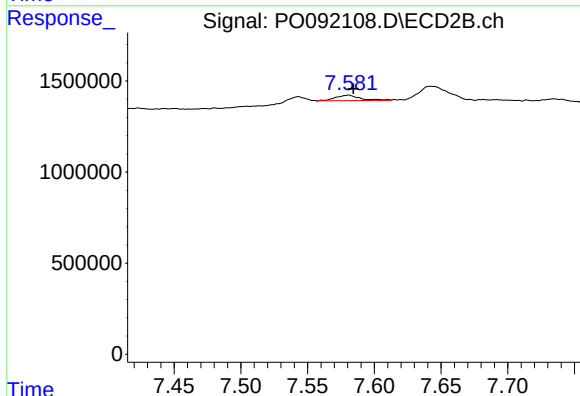
R.T.: 7.292 min
Delta R.T.: -0.006 min
Response: 1149109
Conc: 9.93 ng/ml



#38 AR-1262-3

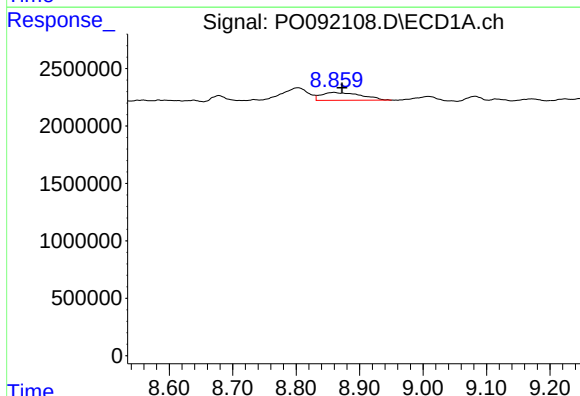
R.T.: 8.803 min
Delta R.T.: 0.020 min
Response: 3200886
Conc: 22.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



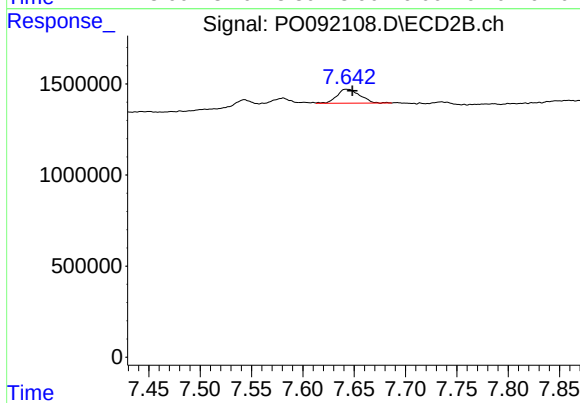
#38 AR-1262-3

R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 383618
Conc: 8.58 ng/ml



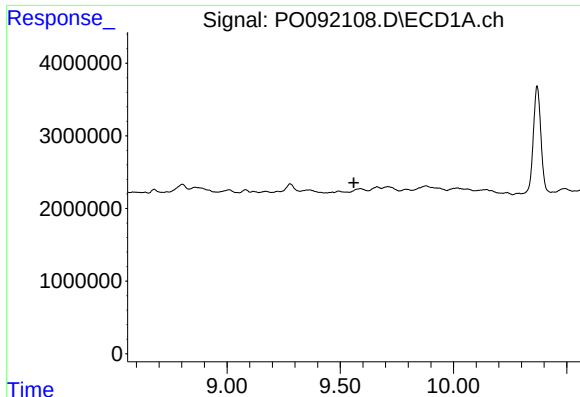
#39 AR-1262-4

R.T.: 8.860 min
Delta R.T.: -0.013 min
Response: 2978504
Conc: 35.34 ng/ml



#39 AR-1262-4

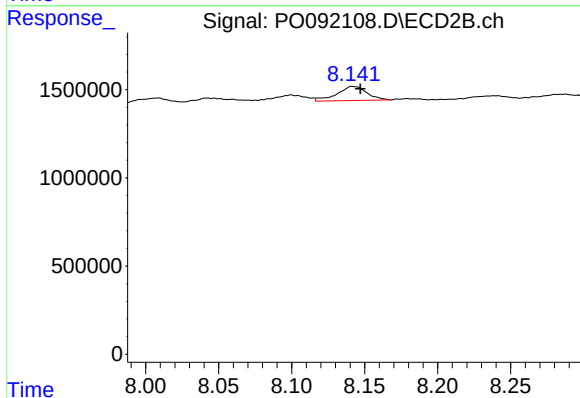
R.T.: 7.643 min
Delta R.T.: -0.005 min
Response: 1192490
Conc: 14.36 ng/ml



#40 AR-1262-5

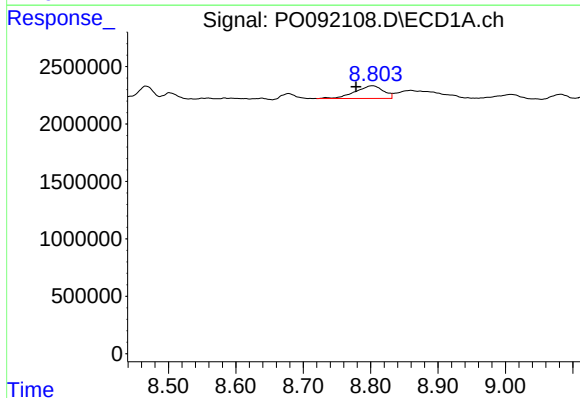
R.T.: 0.000 min
Exp R.T.: 9.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



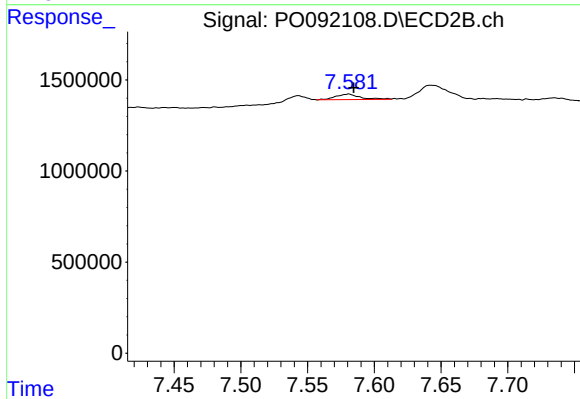
#40 AR-1262-5

R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 1137840
Conc: 31.23 ng/ml



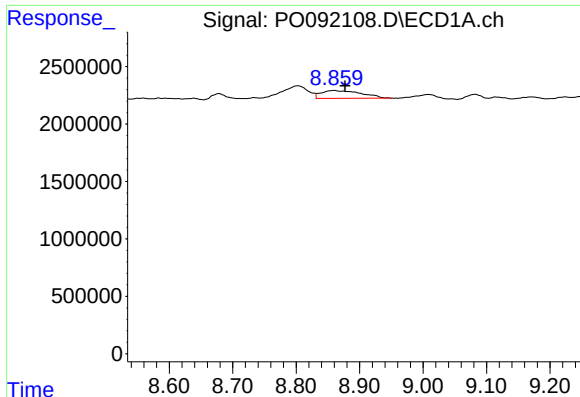
#41 AR-1268-1

R.T.: 8.803 min
Delta R.T.: 0.025 min
Response: 3200886
Conc: 11.15 ng/ml



#41 AR-1268-1

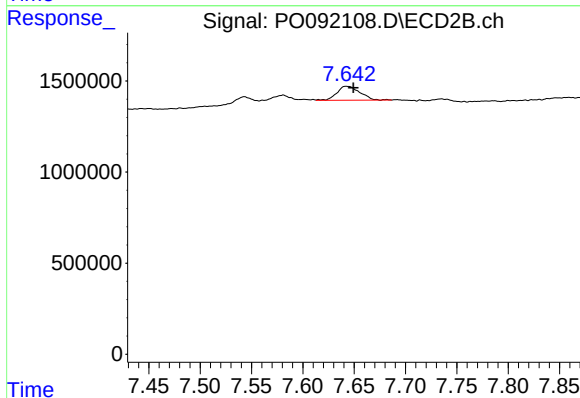
R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 383618
Conc: 2.52 ng/ml



#42 AR-1268-2

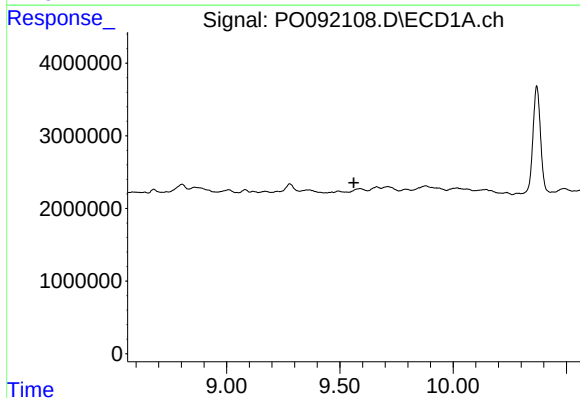
R.T.: 8.860 min
Delta R.T.: -0.017 min
Response: 2978504
Conc: 10.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



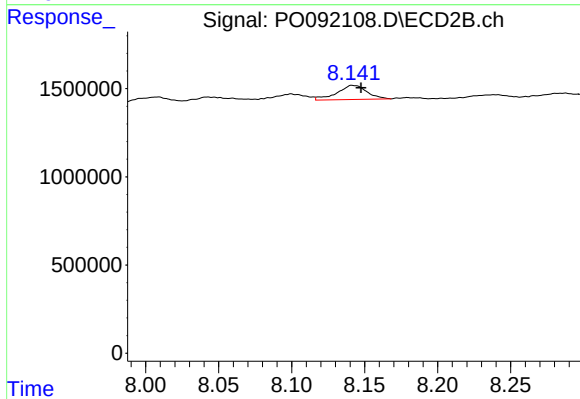
#42 AR-1268-2

R.T.: 7.643 min
Delta R.T.: -0.007 min
Response: 1192490
Conc: 8.71 ng/ml



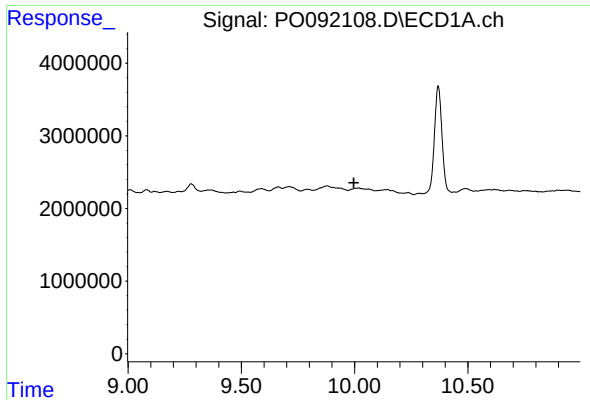
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.562 min
Response: 0
Conc: N.D.



#44 AR-1268-4

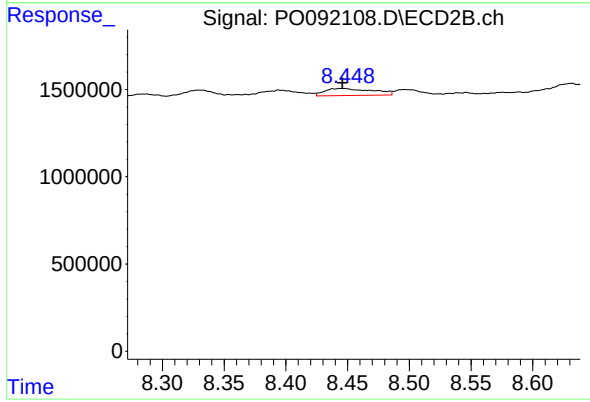
R.T.: 8.142 min
Delta R.T.: -0.006 min
Response: 1137840
Conc: 24.02 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 1079530
Conc: 2.90 ng/ml