

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081023\
 Data File : P0096939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 20:06
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:54:23 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...	4.412	3.619	173.0E6	70532256	52.264	53.280
2)	SA Decachlor...	10.359	8.640	118.2E6	59622552	54.031	51.535
Target Compounds							
3)	L1 AR-1016-1	5.598	4.704	1754911	733934	18.633	16.554
4)	L1 AR-1016-2	5.624	4.722	2246646	560941	16.794	9.170 #
5)	L1 AR-1016-3	5.685	4.901	991198	954606	11.390	29.221 #
6)	L1 AR-1016-4	5.784	4.942	771406	13921892	11.484	487.011 #
7)	L1 AR-1016-5	6.086	5.156	21002713	15551367	300.825	404.494 #
8)	L2 AR-1221-1	4.597	3.783f	273126	394424	6.702	22.724 #
9)	L2 AR-1221-2	4.690	3.919	23018	907905	0.758	70.267 #
10)	L2 AR-1221-3	4.787	3.995	574481	281001	6.563	7.079
11)	L3 AR-1232-1	4.787	3.995	574481	281001	7.877	8.687
12)	L3 AR-1232-2	5.327	4.722	922953	560941	23.280	19.442
13)	L3 AR-1232-3	5.624	4.901	2246646	954606	36.726	62.961 #
14)	L3 AR-1232-4	5.784	4.982	771406	7564150	25.281	506.144 #
15)	L3 AR-1232-5	5.878	5.156	33971972	15551367	1214.014	951.341
16)	L4 AR-1242-1	5.598	4.704	1754911	733934	20.937	18.616
17)	L4 AR-1242-2	5.624	4.722	2246646	560941	19.078	10.294 #
18)	L4 AR-1242-3	5.685	4.901	991198	954606	13.418	32.284 #
19)	L4 AR-1242-4	5.784	4.982	771406	7564150	12.958	240.026 #
20)	L4 AR-1242-5	6.542	5.509	16743223	41795101	304.313	1147.077 #
21)	L5 AR-1248-1	5.598	4.704	1754911	733934	29.950	26.154
22)	L5 AR-1248-2	5.878	4.942	33971972	13921892	361.336	328.494
23)	L5 AR-1248-3	6.086	4.982	21002713	7564150	214.732	172.441
24)	L5 AR-1248-4	6.499	5.156	24973766	15551367	274.910	304.631
25)	L5 AR-1248-5	6.542	5.549	16743223	8037885	190.078	171.927
26)	L6 AR-1254-1	6.474	5.509	47084756	41795101	430.821	566.358 #
27)	L6 AR-1254-2	6.698	5.657	79605388	37502297	493.746	569.249
28)	L6 AR-1254-3	7.075	6.062	88681256	52854343	565.942	522.987
29)	L6 AR-1254-4	7.368	6.292	63409843	31129440	628.953	537.875
30)	L6 AR-1254-5	7.800	6.711	60346005	44309936	537.774	504.008
31)	L7 AR-1260-1	7.243	6.192	41764457	27576534	332.287	391.890
32)	L7 AR-1260-2	7.507	6.381	42646198	24598031	316.519	294.717
33)	L7 AR-1260-3	7.861	6.534	10457130	20321140	100.768	263.160 #
34)	L7 AR-1260-4	8.096	7.008	22602104	2196749	202.159	34.280 #
35)	L7 AR-1260-5	8.444	7.251	8266295	5299984	39.367	38.230
36)	L8 AR-1262-1	7.861	6.801	10457130	1363902	70.406	34.644 #
37)	L8 AR-1262-2	8.444	7.008	8266295	2196749	35.713	27.085
38)	L8 AR-1262-3	8.745	7.537	-59184	290286	N.D.	4.523 #
39)	L8 AR-1262-4	8.837	7.598	2047651	5086242	28.086	44.773 #
40)	L8 AR-1262-5	9.529	8.097	66678	170364	0.801	3.244 #
41)	L9 AR-1268-1	8.745	7.537	-59184	290286	N.D.	1.567 #

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 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

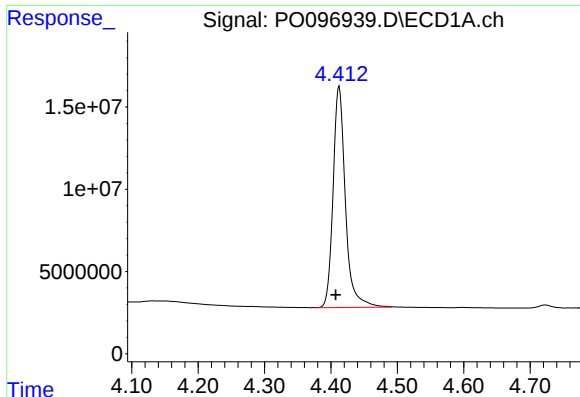
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:54:23 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	8.837	7.598	2047651	5086242	7.468	30.332 #
43) L9	AR-1268-3	9.106	7.809	445634	219186	1.745	1.517
44) L9	AR-1268-4	9.529	8.097	66678	170364	0.719	2.860 #
45) L9	AR-1268-5	9.994	8.387	700577	427796	0.867	1.029

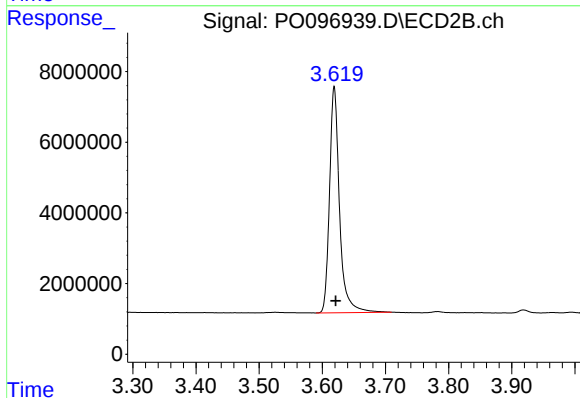
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

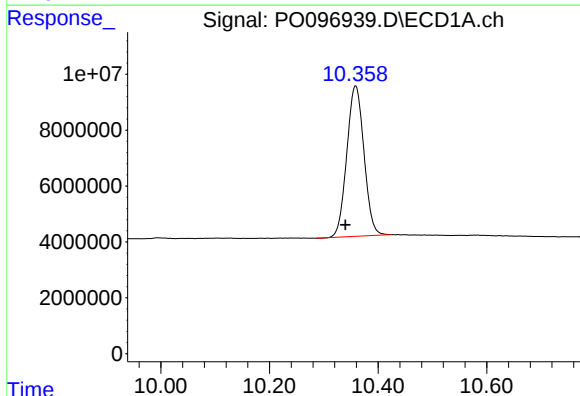
R.T.: 4.412 min
Delta R.T.: 0.005 min
Response: 173004014
Conc: 52.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



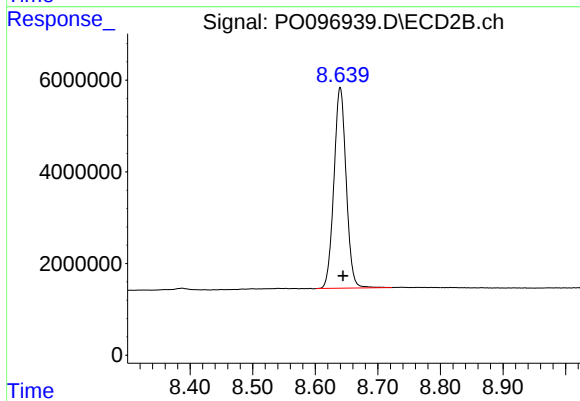
#1 Tetrachloro-m-xylene

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 70532256
Conc: 53.28 ng/ml



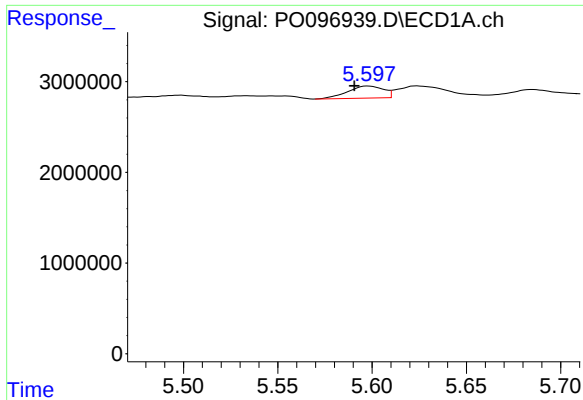
#2 Decachlorobiphenyl

R.T.: 10.359 min
Delta R.T.: 0.019 min
Response: 118230505
Conc: 54.03 ng/ml



#2 Decachlorobiphenyl

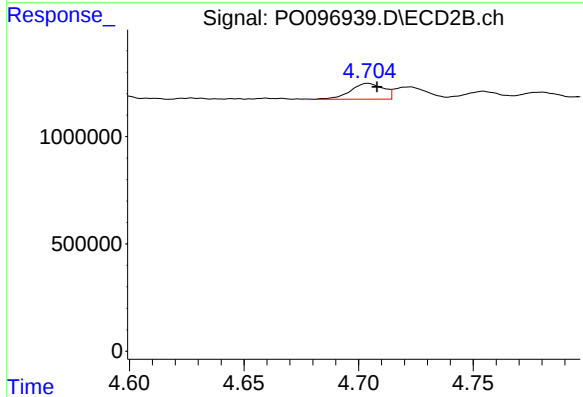
R.T.: 8.640 min
Delta R.T.: -0.004 min
Response: 59622552
Conc: 51.54 ng/ml



#3 AR-1016-1

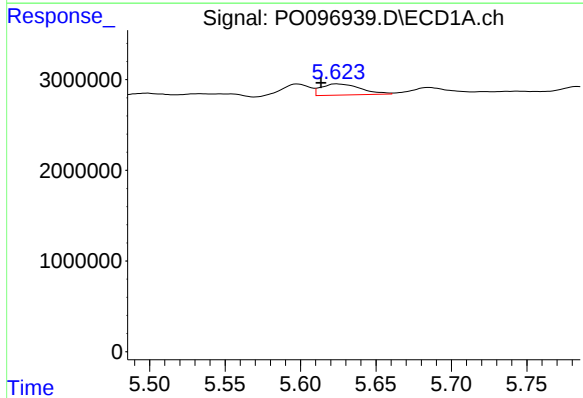
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 1754911
Conc: 18.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



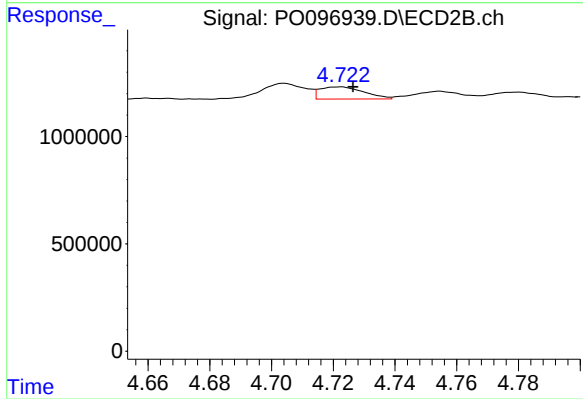
#3 AR-1016-1

R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 733934
Conc: 16.55 ng/ml



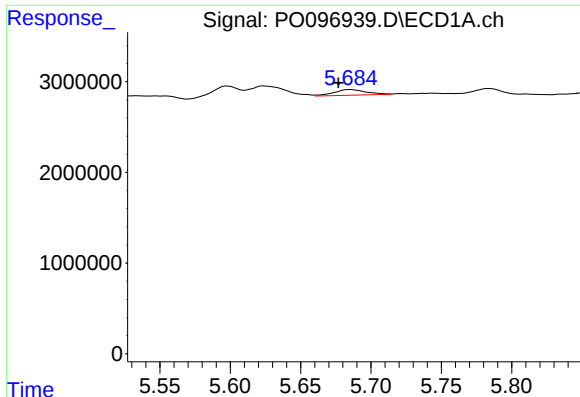
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: 0.010 min
Response: 2246646
Conc: 16.79 ng/ml



#4 AR-1016-2

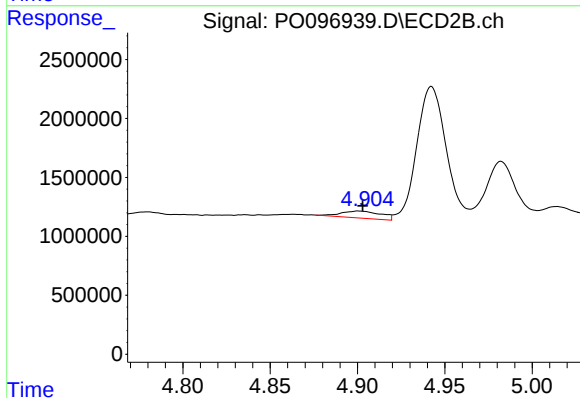
R.T.: 4.722 min
Delta R.T.: -0.005 min
Response: 560941
Conc: 9.17 ng/ml



#5 AR-1016-3

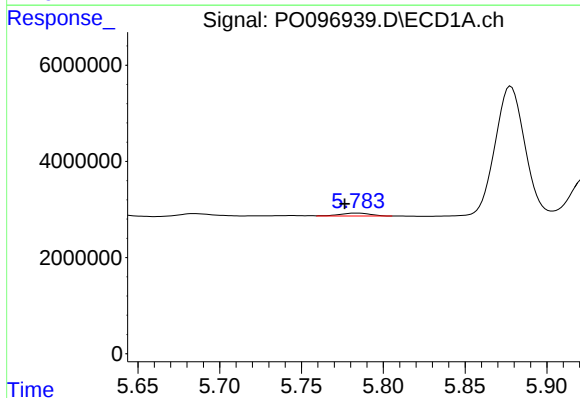
R.T.: 5.685 min
Delta R.T.: 0.008 min
Response: 991198
Conc: 11.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



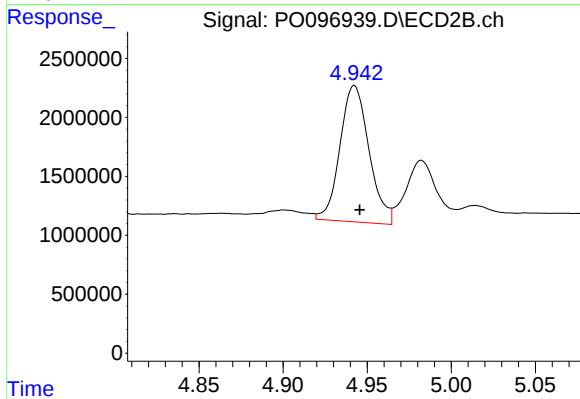
#5 AR-1016-3

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 954606
Conc: 29.22 ng/ml



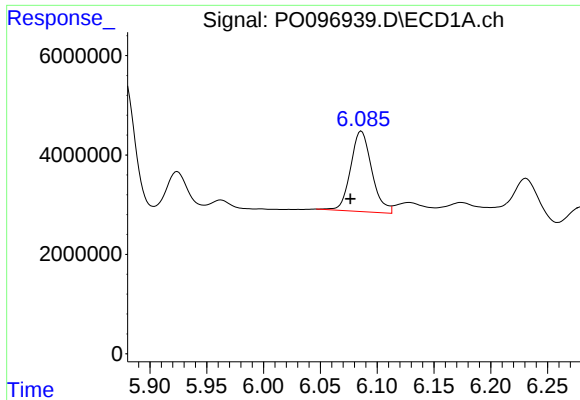
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: 0.007 min
Response: 771406
Conc: 11.48 ng/ml



#6 AR-1016-4

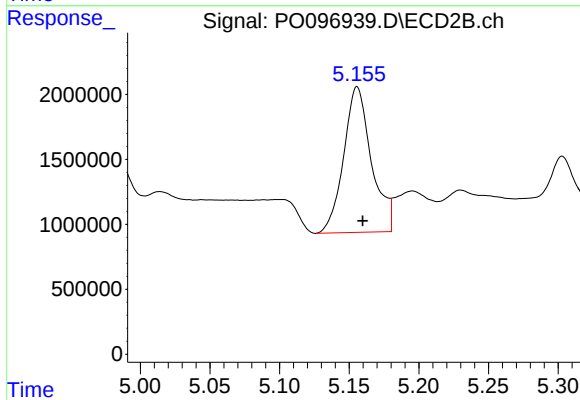
R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 13921892
Conc: 487.01 ng/ml



#7 AR-1016-5

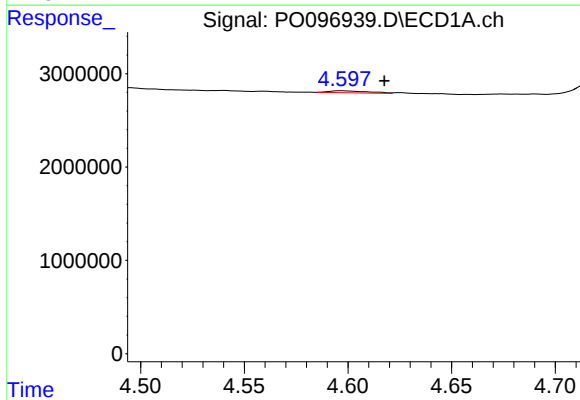
R.T.: 6.086 min
Delta R.T.: 0.010 min
Response: 21002713
Conc: 300.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



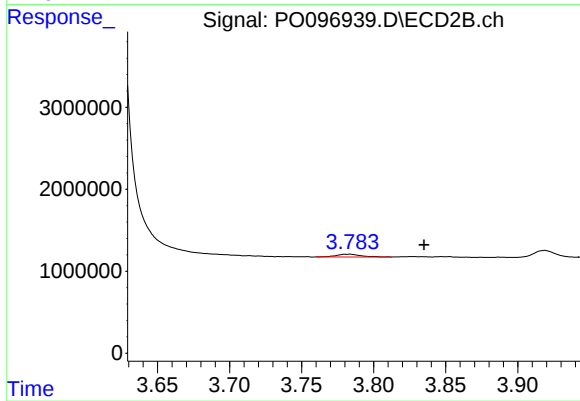
#7 AR-1016-5

R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 15551367
Conc: 404.49 ng/ml



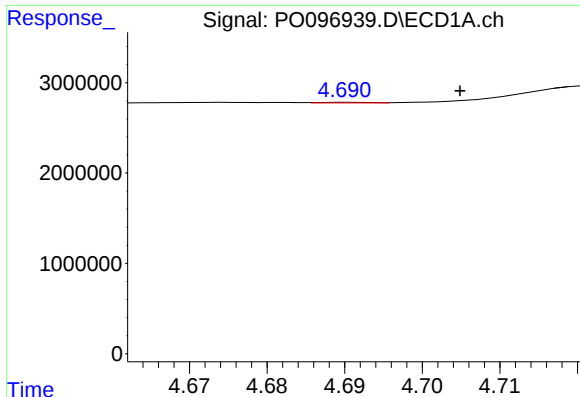
#8 AR-1221-1

R.T.: 4.597 min
Delta R.T.: -0.020 min
Response: 273126
Conc: 6.70 ng/ml



#8 AR-1221-1

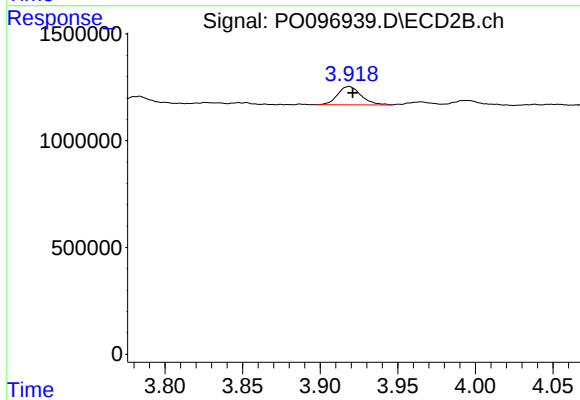
R.T.: 3.783 min
Delta R.T.: -0.052 min
Response: 394424
Conc: 22.72 ng/ml



#9 AR-1221-2

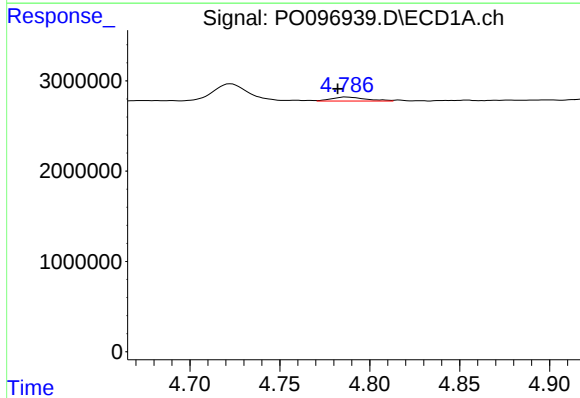
R.T.: 4.690 min
Delta R.T.: -0.015 min
Response: 23018
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



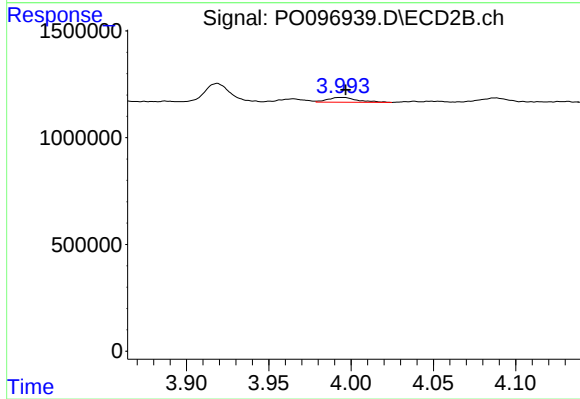
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: -0.002 min
Response: 907905
Conc: 70.27 ng/ml



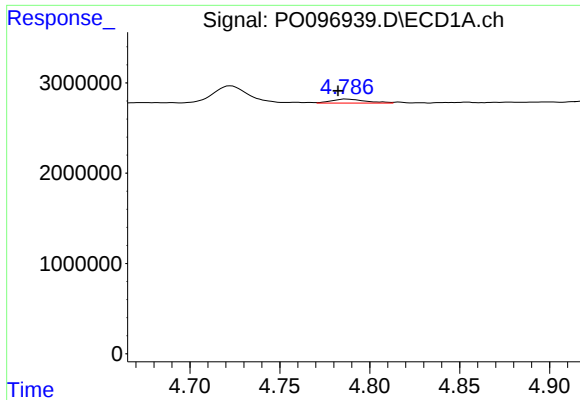
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 574481
Conc: 6.56 ng/ml



#10 AR-1221-3

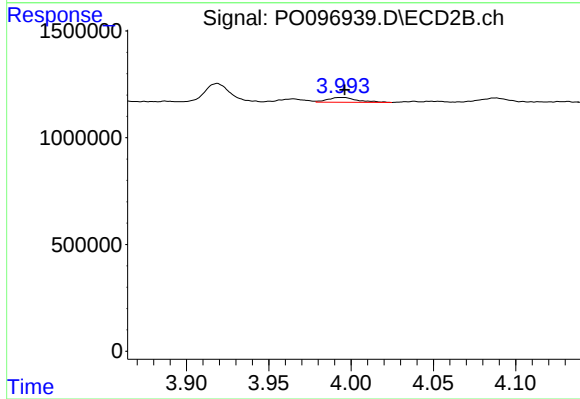
R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 281001
Conc: 7.08 ng/ml



#11 AR-1232-1

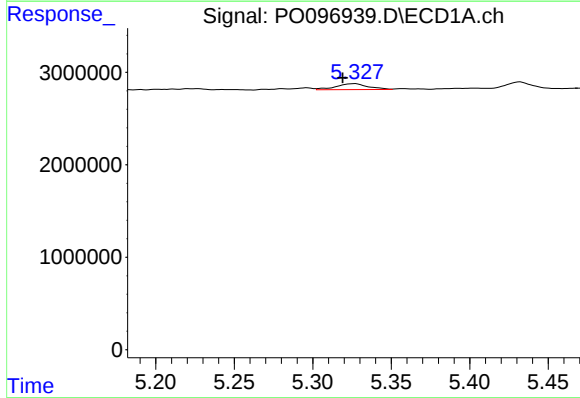
R.T.: 4.787 min
Delta R.T.: 0.005 min
Response: 574481
Conc: 7.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



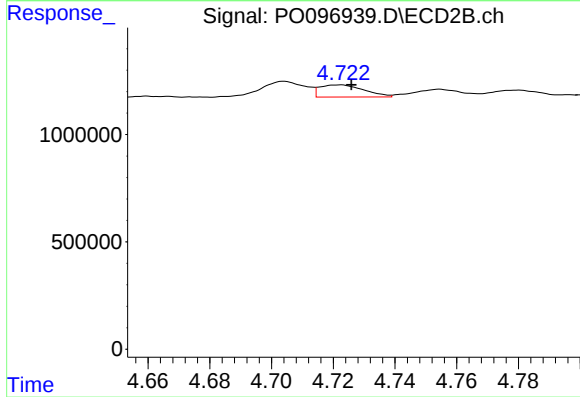
#11 AR-1232-1

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 281001
Conc: 8.69 ng/ml



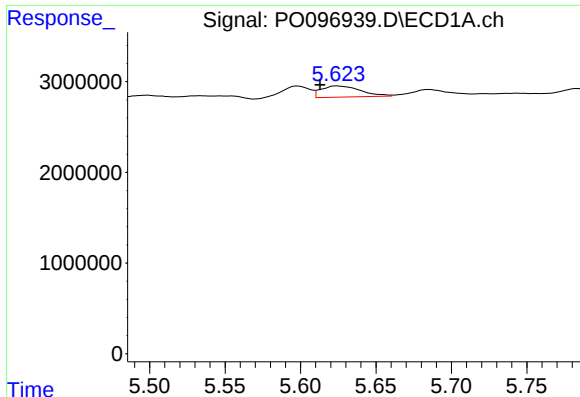
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: 0.008 min
Response: 922953
Conc: 23.28 ng/ml



#12 AR-1232-2

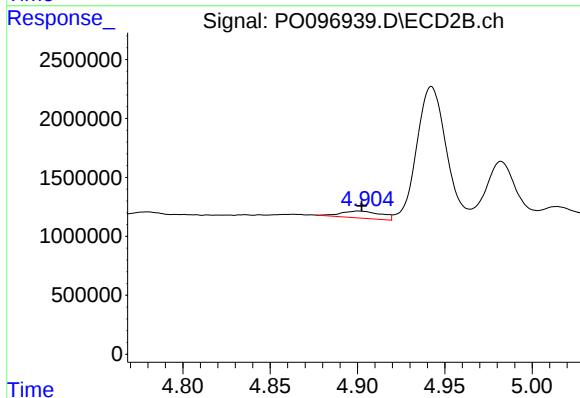
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 560941
Conc: 19.44 ng/ml



#13 AR-1232-3

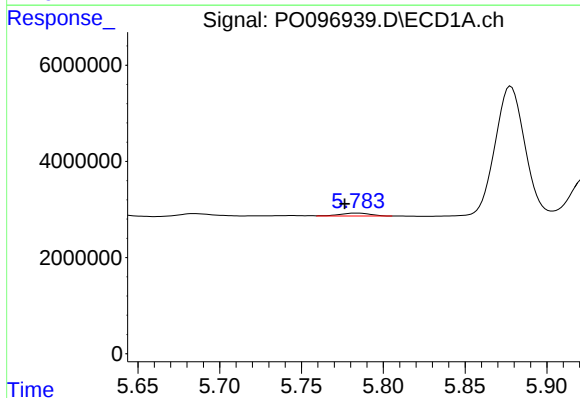
R.T.: 5.624 min
Delta R.T.: 0.011 min
Response: 2246646
Conc: 36.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



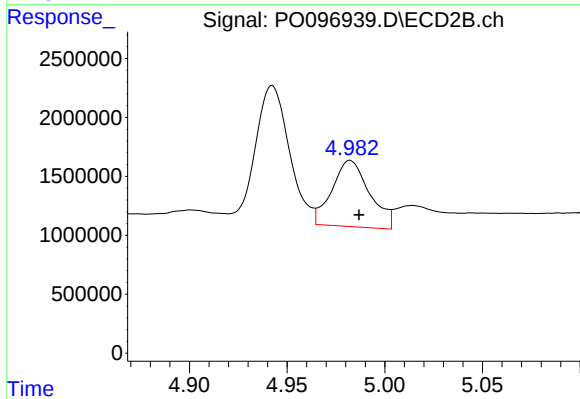
#13 AR-1232-3

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 954606
Conc: 62.96 ng/ml



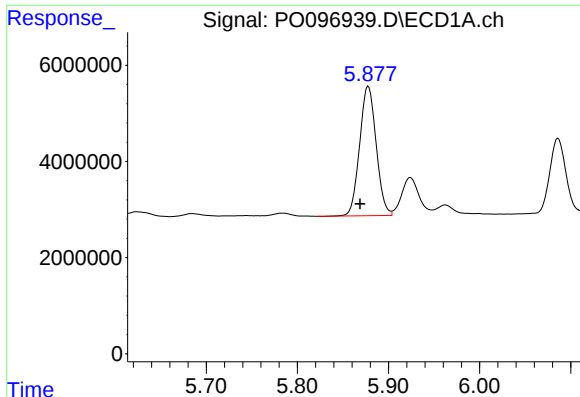
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: 0.007 min
Response: 771406
Conc: 25.28 ng/ml



#14 AR-1232-4

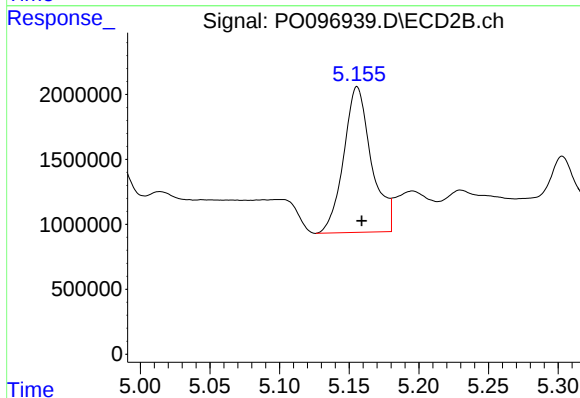
R.T.: 4.982 min
Delta R.T.: -0.005 min
Response: 7564150
Conc: 506.14 ng/ml



#15 AR-1232-5

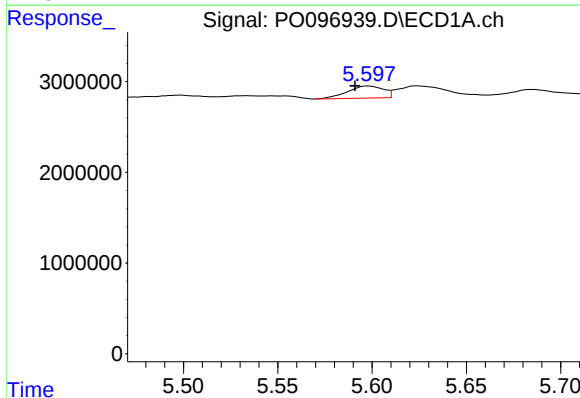
R.T.: 5.878 min
Delta R.T.: 0.009 min
Response: 33971972
Conc: 1214.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



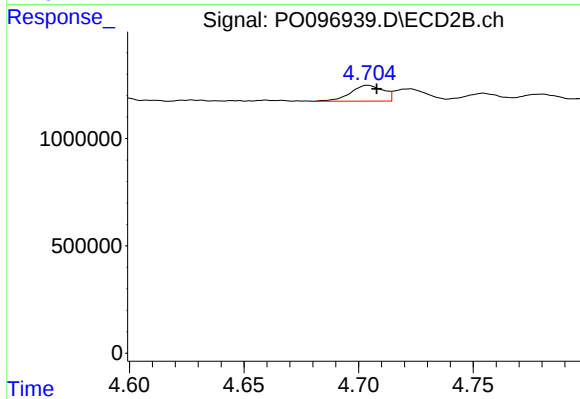
#15 AR-1232-5

R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 15551367
Conc: 951.34 ng/ml



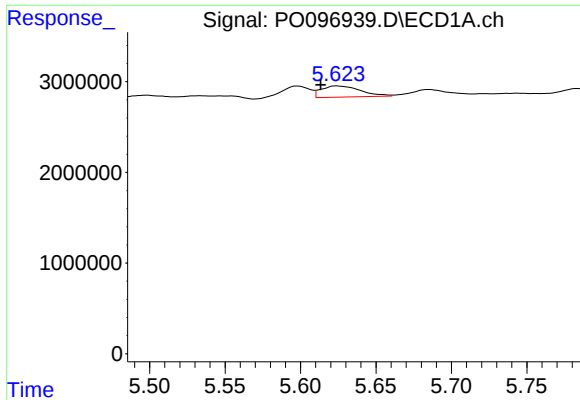
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 1754911
Conc: 20.94 ng/ml



#16 AR-1242-1

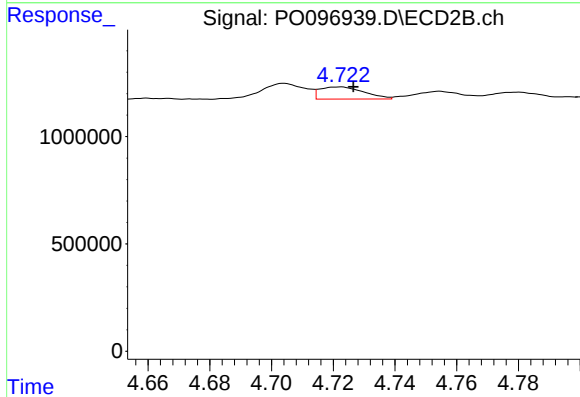
R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 733934
Conc: 18.62 ng/ml



#17 AR-1242-2

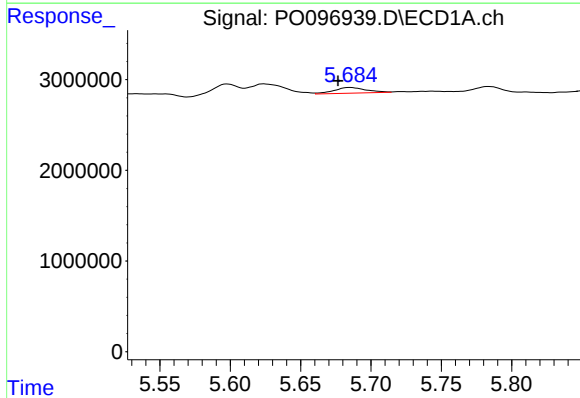
R.T.: 5.624 min
Delta R.T.: 0.010 min
Response: 2246646
Conc: 19.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



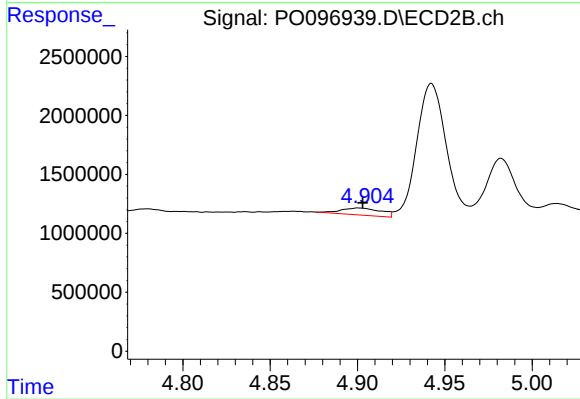
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.005 min
Response: 560941
Conc: 10.29 ng/ml



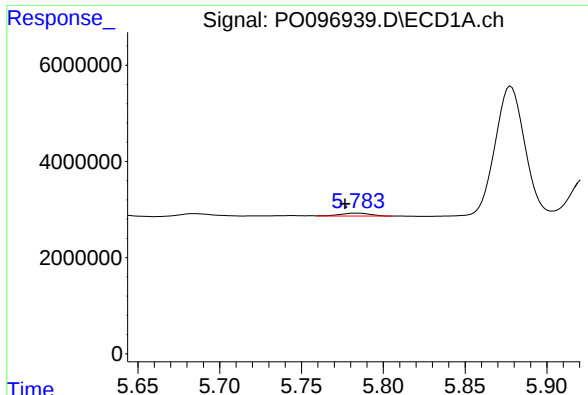
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: 0.008 min
Response: 991198
Conc: 13.42 ng/ml



#18 AR-1242-3

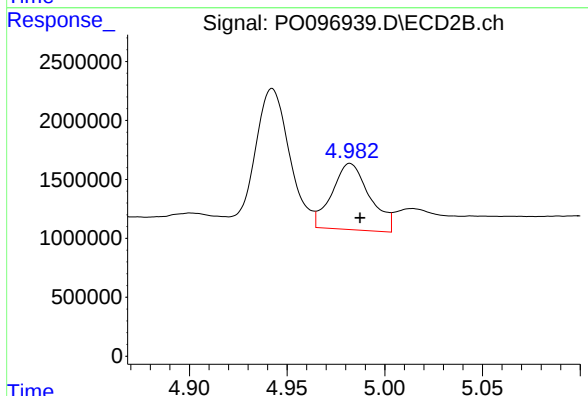
R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 954606
Conc: 32.28 ng/ml



#19 AR-1242-4

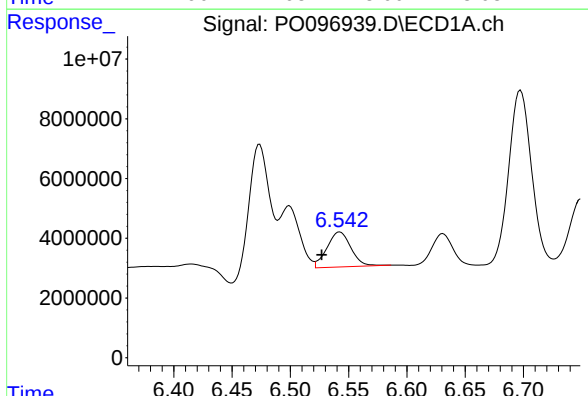
R.T.: 5.784 min
Delta R.T.: 0.007 min
Response: 771406
Conc: 12.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



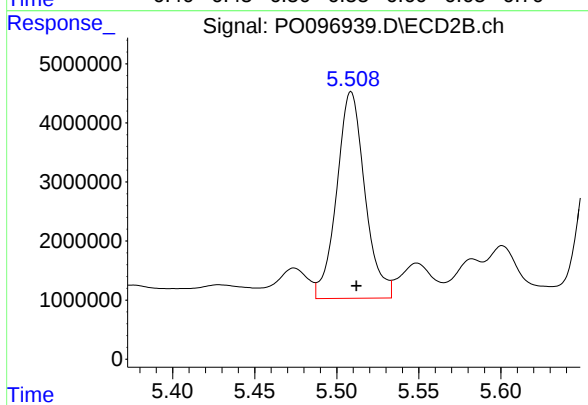
#19 AR-1242-4

R.T.: 4.982 min
Delta R.T.: -0.005 min
Response: 7564150
Conc: 240.03 ng/ml



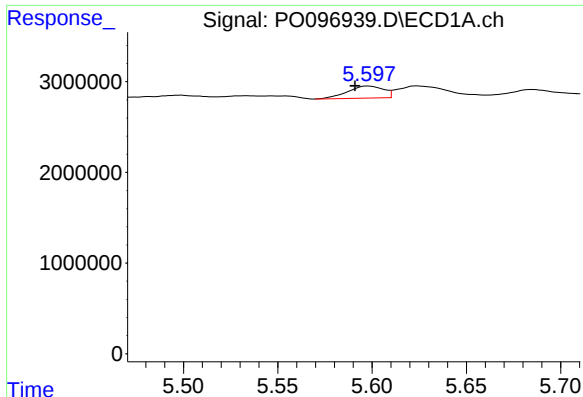
#20 AR-1242-5

R.T.: 6.542 min
Delta R.T.: 0.015 min
Response: 16743223
Conc: 304.31 ng/ml



#20 AR-1242-5

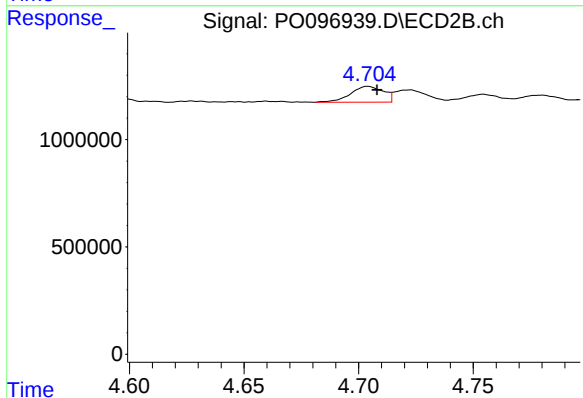
R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 41795101
Conc: 1147.08 ng/ml



#21 AR-1248-1

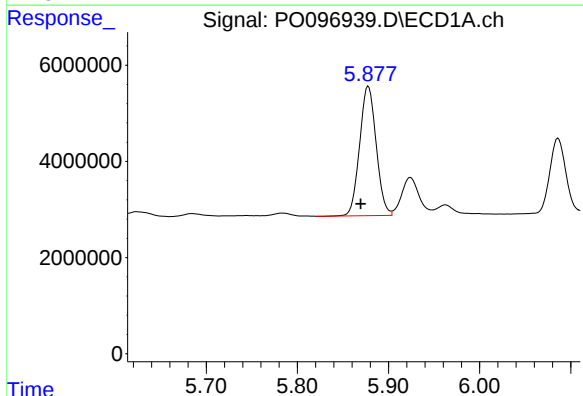
R.T.: 5.598 min
Delta R.T.: 0.007 min
Response: 1754911
Conc: 29.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



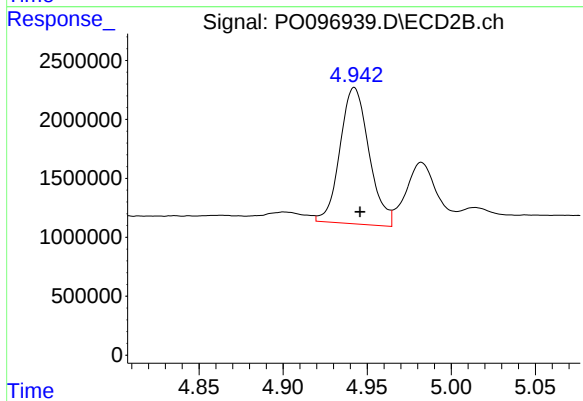
#21 AR-1248-1

R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 733934
Conc: 26.15 ng/ml



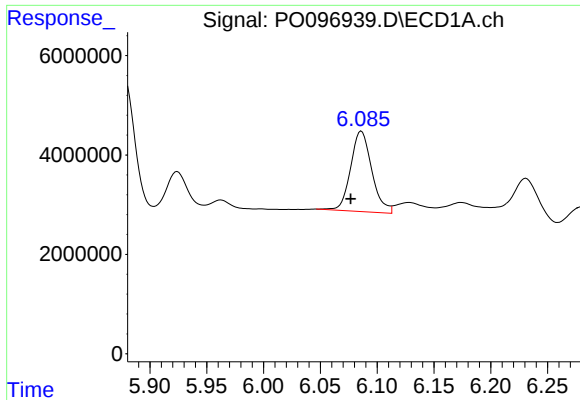
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.008 min
Response: 33971972
Conc: 361.34 ng/ml



#22 AR-1248-2

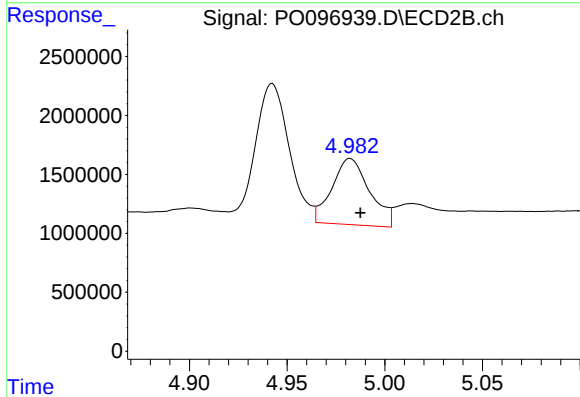
R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 13921892
Conc: 328.49 ng/ml



#23 AR-1248-3

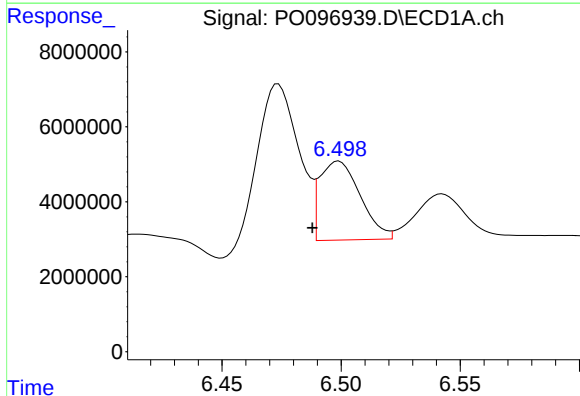
R.T.: 6.086 min
Delta R.T.: 0.009 min
Response: 21002713
Conc: 214.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



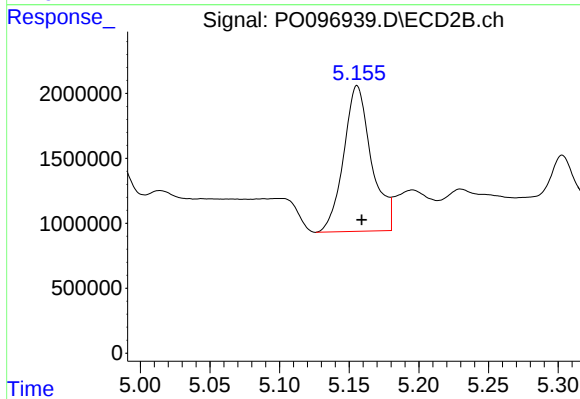
#23 AR-1248-3

R.T.: 4.982 min
Delta R.T.: -0.005 min
Response: 7564150
Conc: 172.44 ng/ml



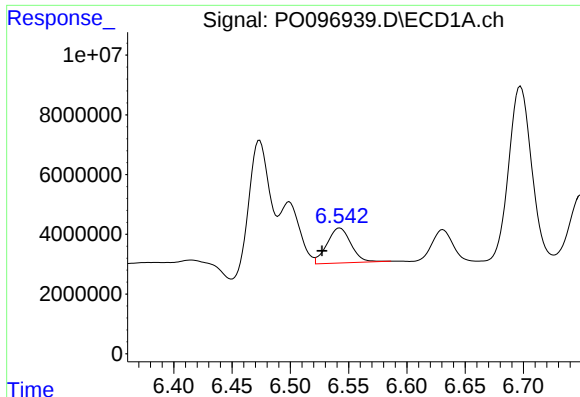
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: 0.011 min
Response: 24973766
Conc: 274.91 ng/ml



#24 AR-1248-4

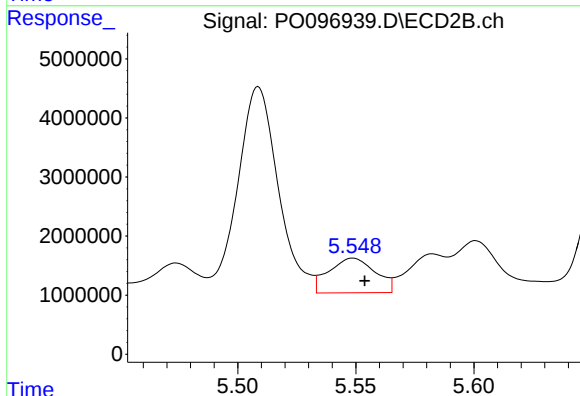
R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 15551367
Conc: 304.63 ng/ml



#25 AR-1248-5

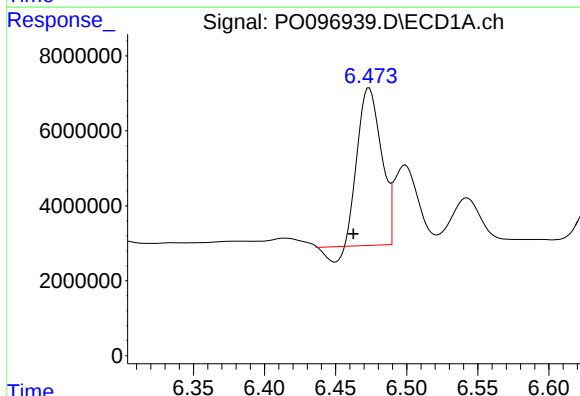
R.T.: 6.542 min
Delta R.T.: 0.015 min
Response: 16743223
Conc: 190.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



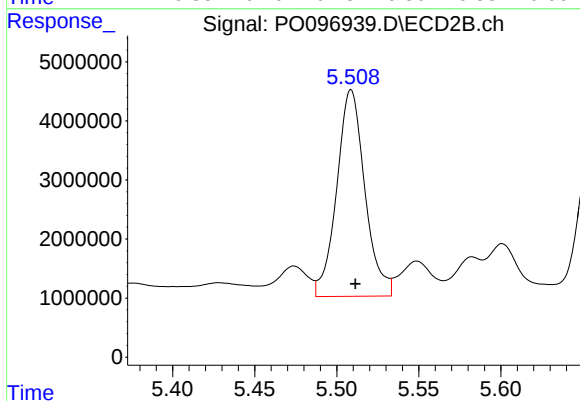
#25 AR-1248-5

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 8037885
Conc: 171.93 ng/ml



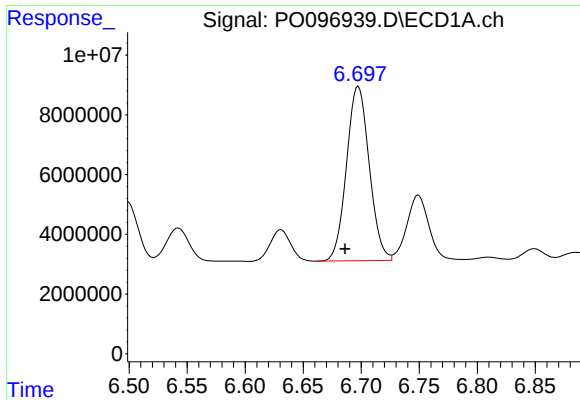
#26 AR-1254-1

R.T.: 6.474 min
Delta R.T.: 0.011 min
Response: 47084756
Conc: 430.82 ng/ml



#26 AR-1254-1

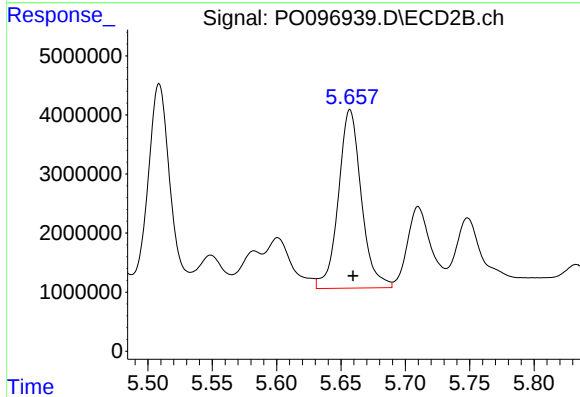
R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 41795101
Conc: 566.36 ng/ml



#27 AR-1254-2

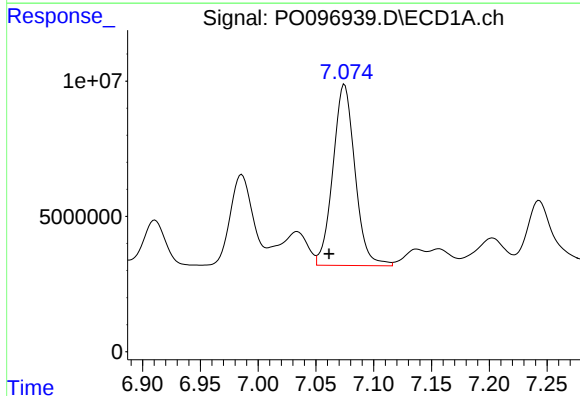
R.T.: 6.698 min
Delta R.T.: 0.011 min
Response: 79605388
Conc: 493.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



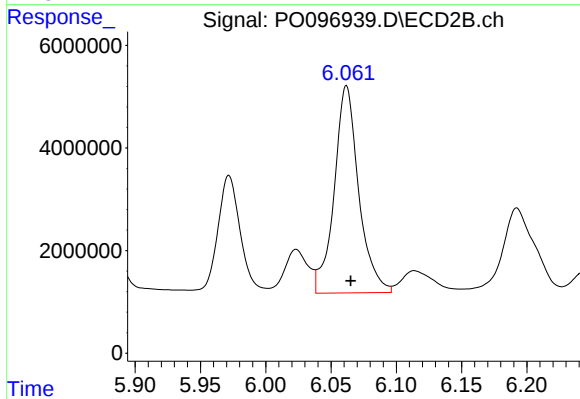
#27 AR-1254-2

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 37502297
Conc: 569.25 ng/ml



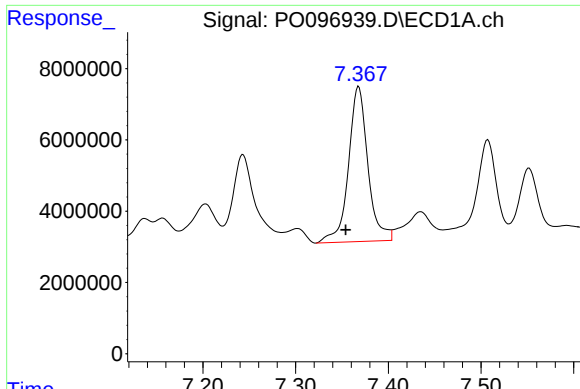
#28 AR-1254-3

R.T.: 7.075 min
Delta R.T.: 0.014 min
Response: 88681256
Conc: 565.94 ng/ml



#28 AR-1254-3

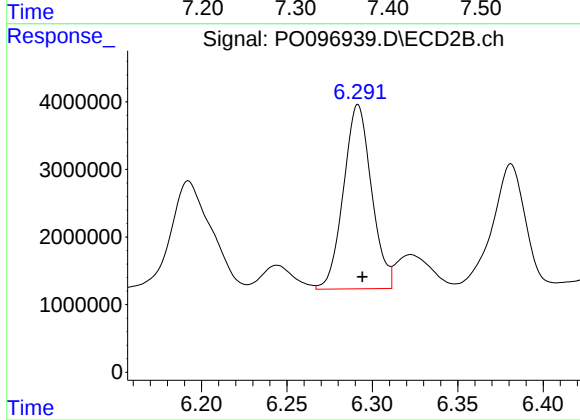
R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 52854343
Conc: 522.99 ng/ml



#29 AR-1254-4

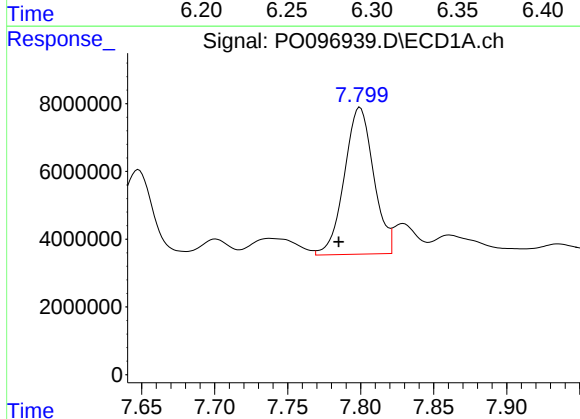
R.T.: 7.368 min
Delta R.T.: 0.014 min
Response: 63409843
Conc: 628.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



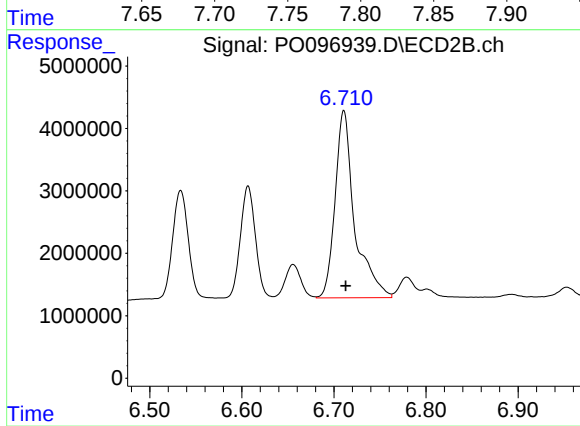
#29 AR-1254-4

R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 31129440
Conc: 537.88 ng/ml



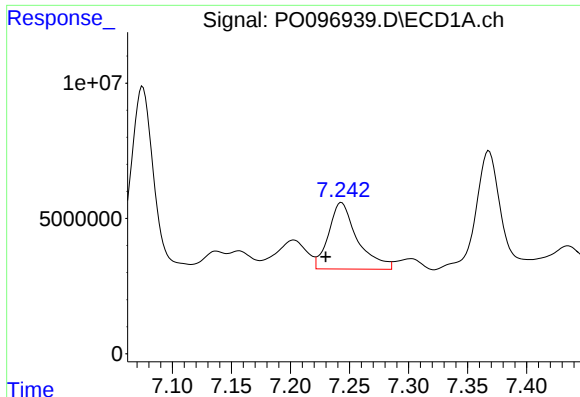
#30 AR-1254-5

R.T.: 7.800 min
Delta R.T.: 0.015 min
Response: 60346005
Conc: 537.77 ng/ml



#30 AR-1254-5

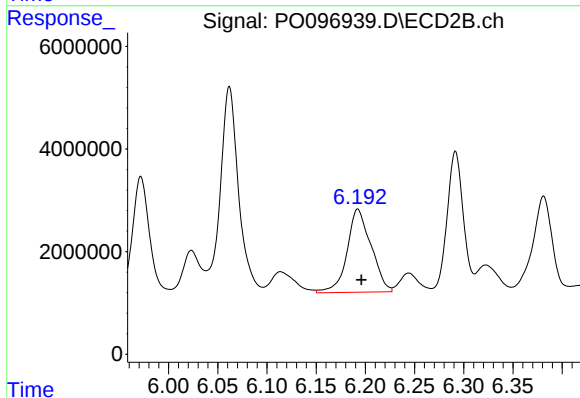
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 44309936
Conc: 504.01 ng/ml



#31 AR-1260-1

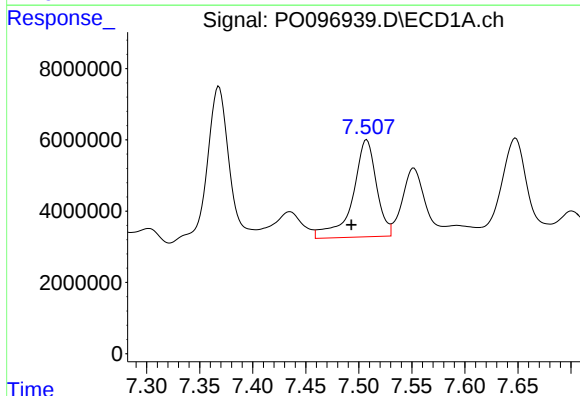
R.T.: 7.243 min
Delta R.T.: 0.013 min
Response: 41764457
Conc: 332.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



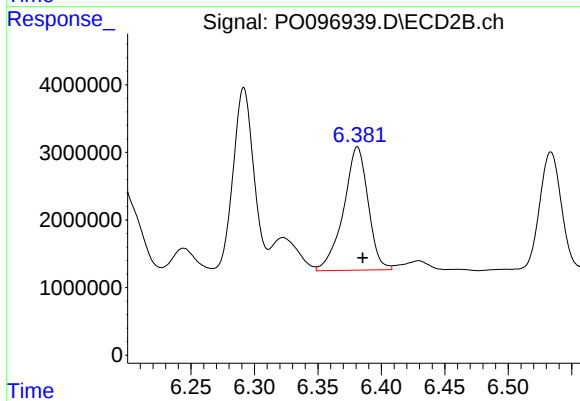
#31 AR-1260-1

R.T.: 6.192 min
Delta R.T.: -0.004 min
Response: 27576534
Conc: 391.89 ng/ml



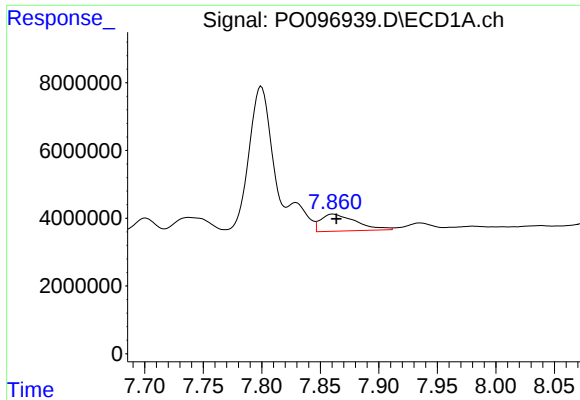
#32 AR-1260-2

R.T.: 7.507 min
Delta R.T.: 0.014 min
Response: 42646198
Conc: 316.52 ng/ml



#32 AR-1260-2

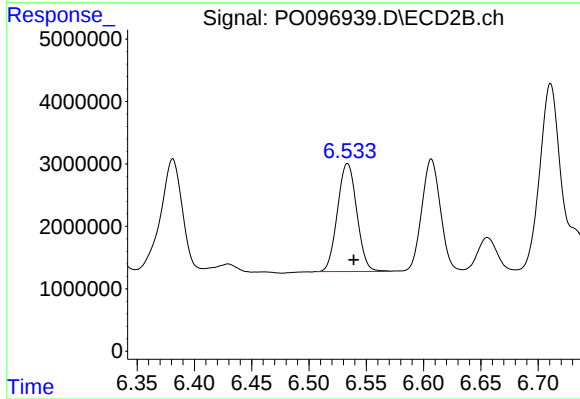
R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 24598031
Conc: 294.72 ng/ml



#33 AR-1260-3

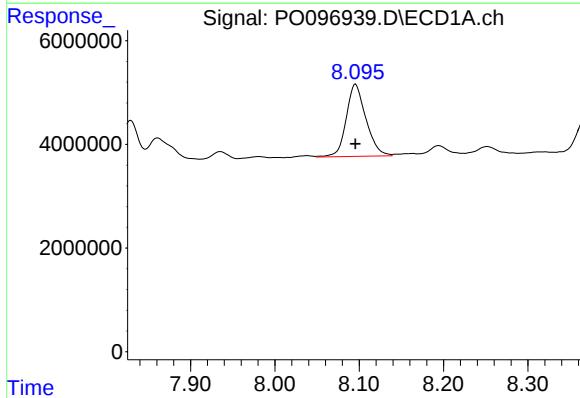
R.T.: 7.861 min
Delta R.T.: -0.003 min
Response: 10457130
Conc: 100.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



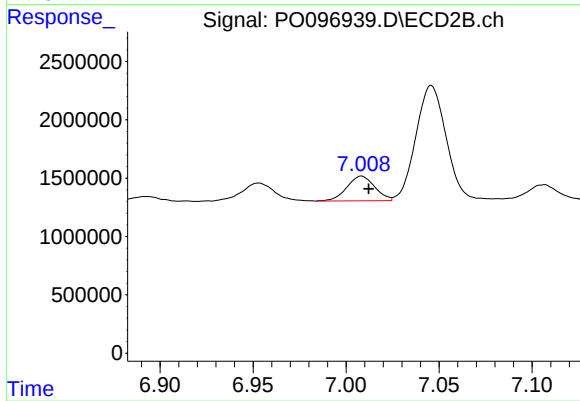
#33 AR-1260-3

R.T.: 6.534 min
Delta R.T.: -0.006 min
Response: 20321140
Conc: 263.16 ng/ml



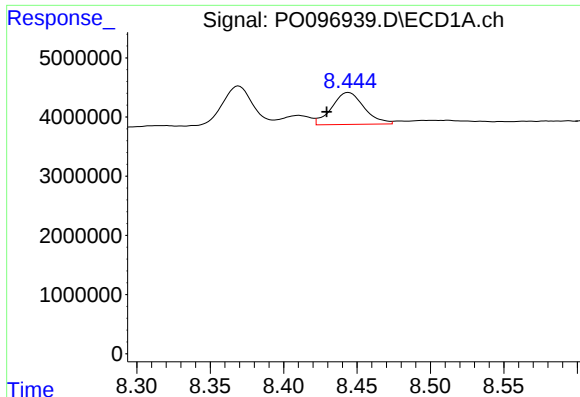
#34 AR-1260-4

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 22602104
Conc: 202.16 ng/ml



#34 AR-1260-4

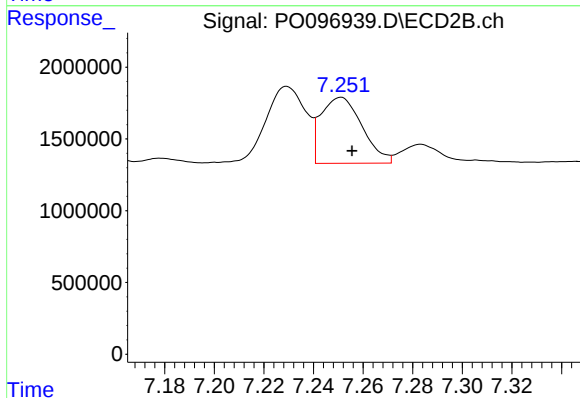
R.T.: 7.008 min
Delta R.T.: -0.004 min
Response: 2196749
Conc: 34.28 ng/ml



#35 AR-1260-5

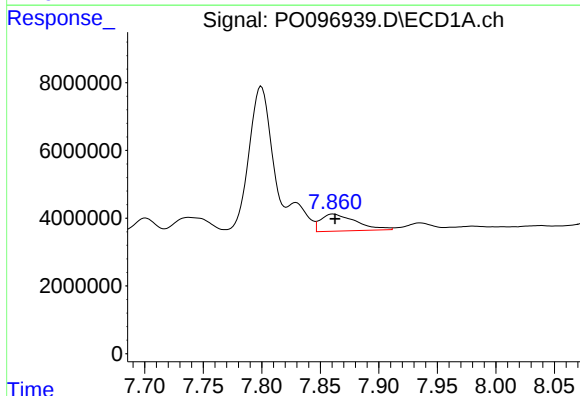
R.T.: 8.444 min
Delta R.T.: 0.015 min
Response: 8266295
Conc: 39.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



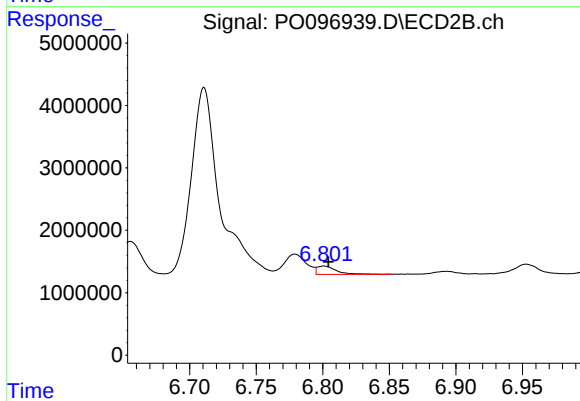
#35 AR-1260-5

R.T.: 7.251 min
Delta R.T.: -0.004 min
Response: 5299984
Conc: 38.23 ng/ml



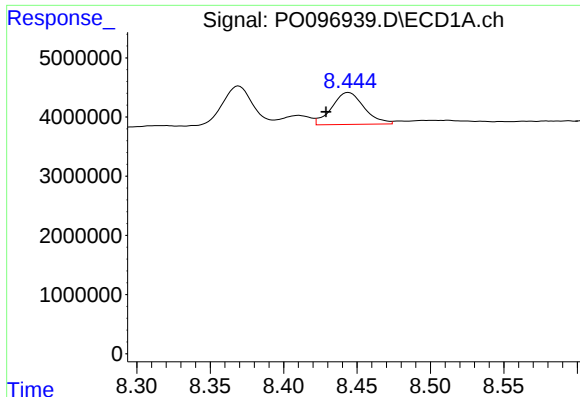
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: -0.002 min
Response: 10457130
Conc: 70.41 ng/ml



#36 AR-1262-1

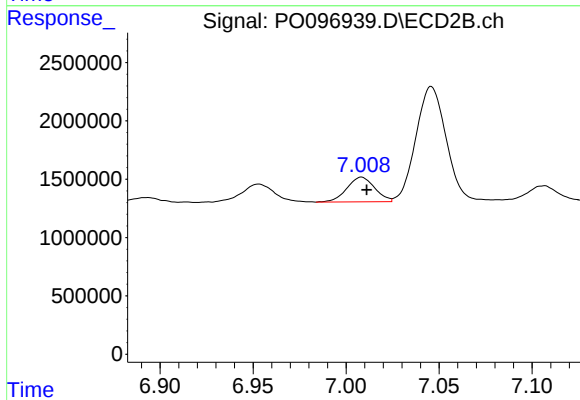
R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 1363902
Conc: 34.64 ng/ml



#37 AR-1262-2

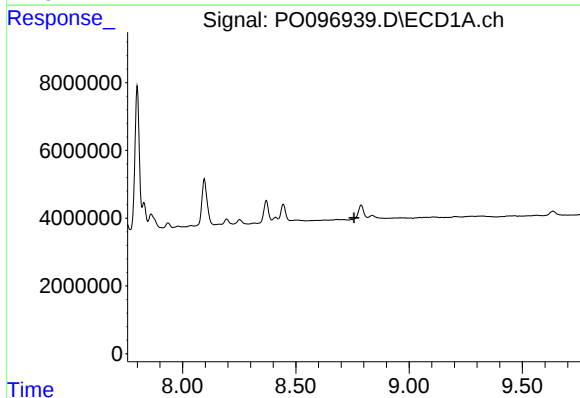
R.T.: 8.444 min
Delta R.T.: 0.015 min
Response: 8266295
Conc: 35.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



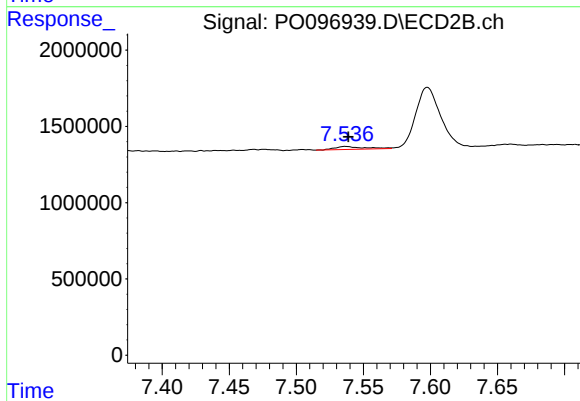
#37 AR-1262-2

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 2196749
Conc: 27.09 ng/ml



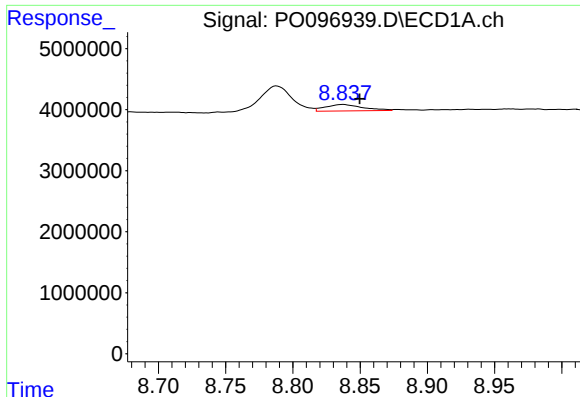
#38 AR-1262-3

R.T.: 8.745 min
Delta R.T.: -0.012 min
Response: -59184
Conc: N.D.



#38 AR-1262-3

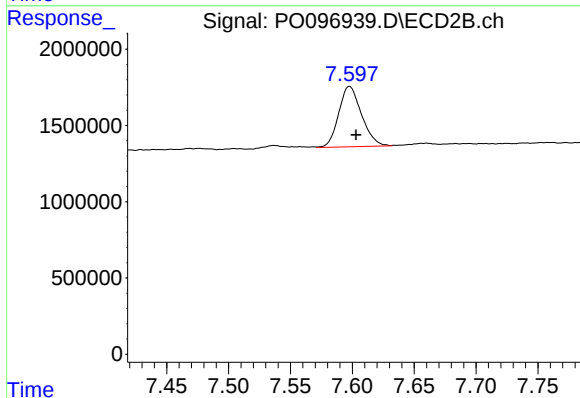
R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 290286
Conc: 4.52 ng/ml



#39 AR-1262-4

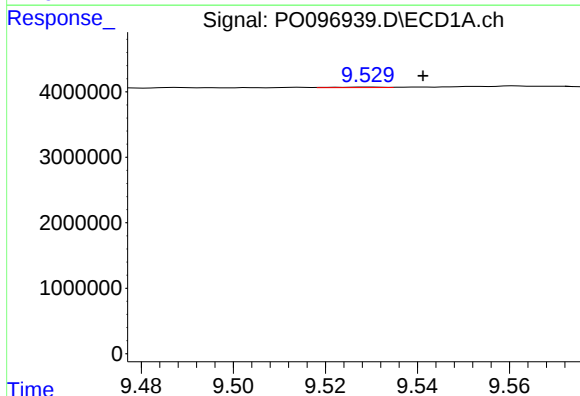
R.T.: 8.837 min
Delta R.T.: -0.012 min
Response: 2047651
Conc: 28.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



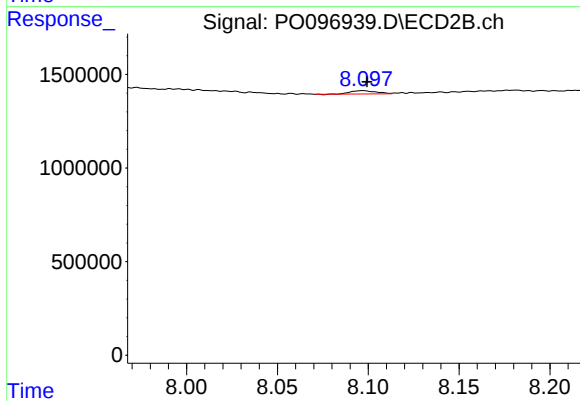
#39 AR-1262-4

R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 5086242
Conc: 44.77 ng/ml



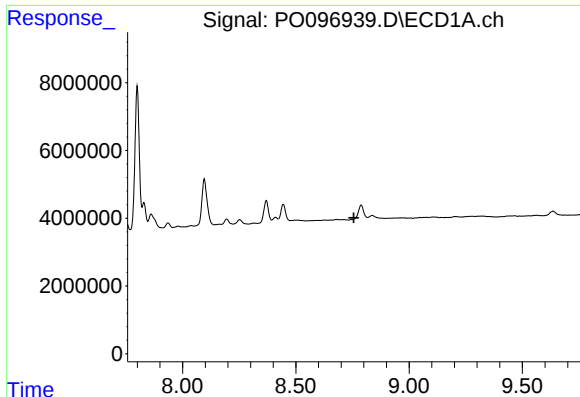
#40 AR-1262-5

R.T.: 9.529 min
Delta R.T.: -0.012 min
Response: 66678
Conc: 0.80 ng/ml



#40 AR-1262-5

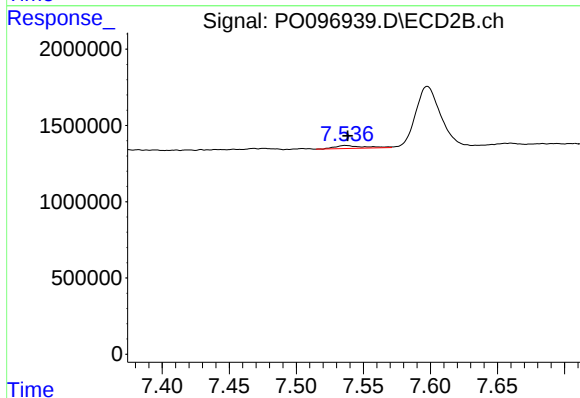
R.T.: 8.097 min
Delta R.T.: -0.002 min
Response: 170364
Conc: 3.24 ng/ml



#41 AR-1268-1

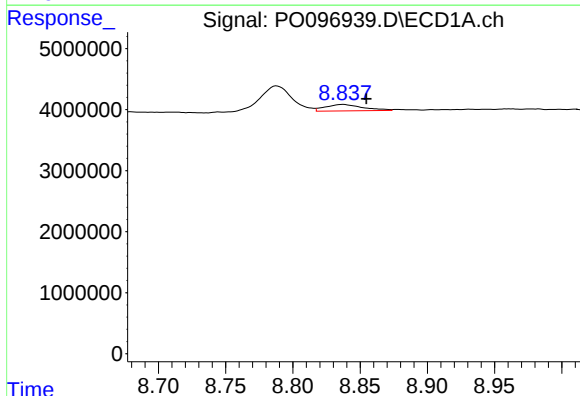
R.T.: 8.745 min
Delta R.T.: -0.011 min
Response: -59184
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



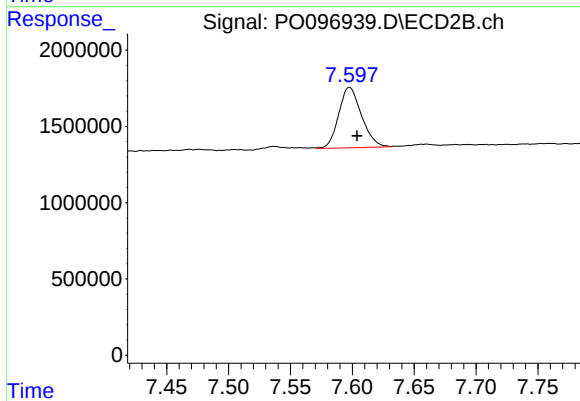
#41 AR-1268-1

R.T.: 7.537 min
Delta R.T.: -0.002 min
Response: 290286
Conc: 1.57 ng/ml



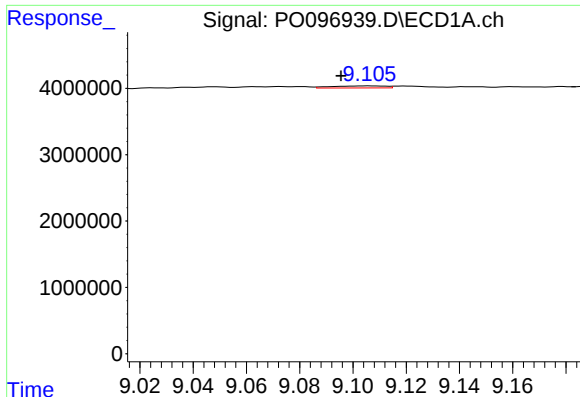
#42 AR-1268-2

R.T.: 8.837 min
Delta R.T.: -0.017 min
Response: 2047651
Conc: 7.47 ng/ml



#42 AR-1268-2

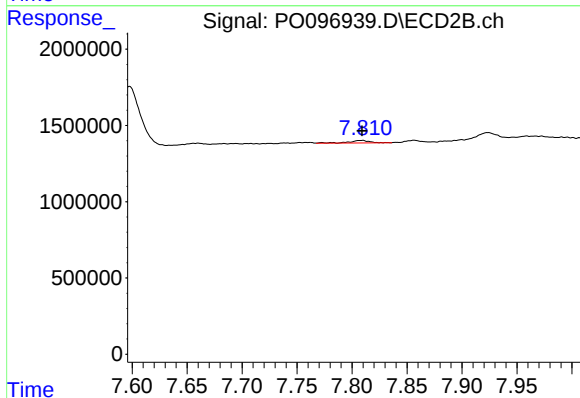
R.T.: 7.598 min
Delta R.T.: -0.006 min
Response: 5086242
Conc: 30.33 ng/ml



#43 AR-1268-3

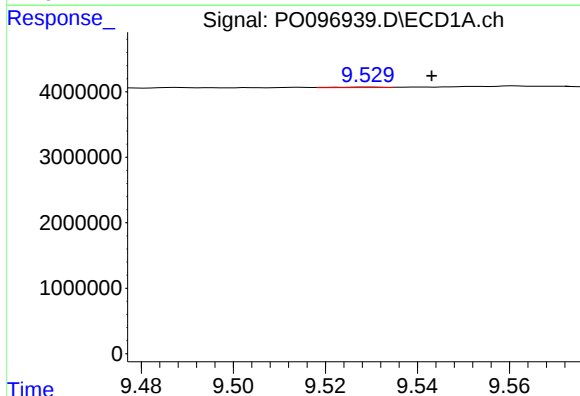
R.T.: 9.106 min
Delta R.T.: 0.010 min
Response: 445634
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



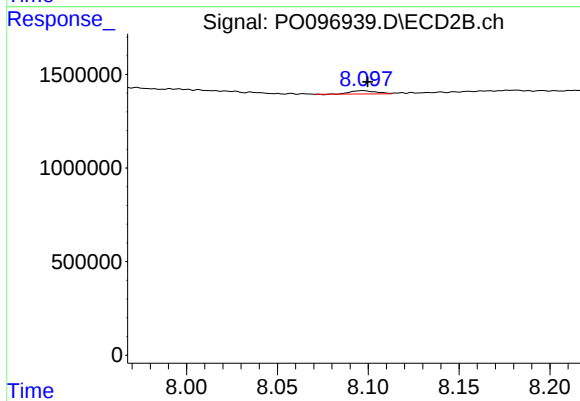
#43 AR-1268-3

R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 219186
Conc: 1.52 ng/ml



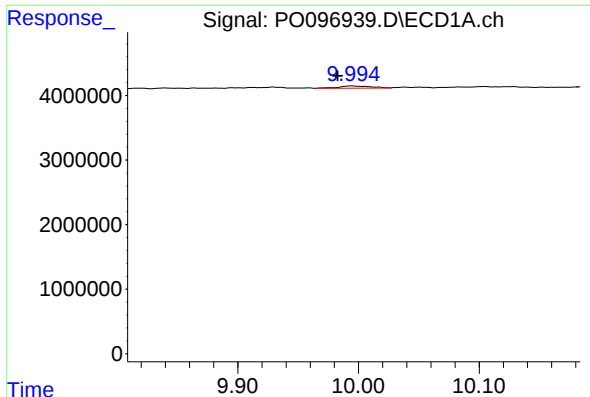
#44 AR-1268-4

R.T.: 9.529 min
Delta R.T.: -0.014 min
Response: 66678
Conc: 0.72 ng/ml



#44 AR-1268-4

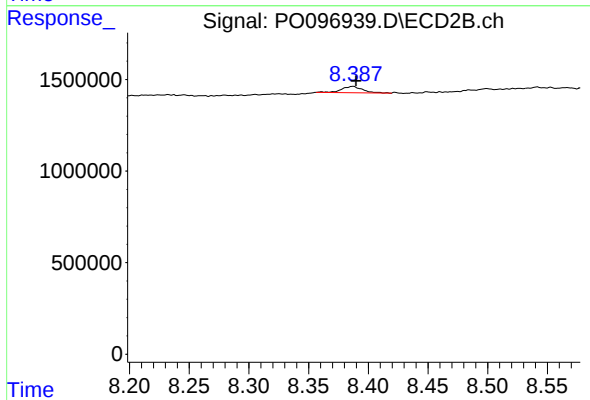
R.T.: 8.097 min
Delta R.T.: -0.003 min
Response: 170364
Conc: 2.86 ng/ml



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: 0.011 min
Response: 700577
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: -0.003 min
Response: 427796
Conc: 1.03 ng/ml