

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082823\
 Data File : P0097478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2023 11:40
 Operator : YP/AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 11:57:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.454	3.629	174.5E6	37019378	52.274	54.873
2)	SA Decachlor...	10.311	8.679	168.3E6	55477224	91.674	96.644
Target Compounds							
3)	L1 AR-1016-1	5.632	4.725	399601	105299	4.440	4.837
4)	L1 AR-1016-2	5.651	4.740	227683	164783	1.641	5.461 #
5)	L1 AR-1016-3	5.718	4.925	387048	101451	4.269	6.280 #
6)	L1 AR-1016-4	5.816	4.960	336479	144934	4.853	10.100 #
7)	L1 AR-1016-5	6.113	5.179	408493	159033	5.751	8.696 #
8)	L2 AR-1221-1	4.637	3.846	187197	35349	4.651	4.318
9)	L2 AR-1221-2	4.733	3.930	15913	475658	0.529	82.070 #
10)	L2 AR-1221-3	4.827	0.000	223004	0	2.503	N.D. #
11)	L3 AR-1232-1	4.827	0.000	223004	0	3.024	N.D. #
12)	L3 AR-1232-2	5.362	4.740	237729	164783	6.204	11.804 #
13)	L3 AR-1232-3	5.651	4.925	227683	101451	3.520	14.444 #
14)	L3 AR-1232-4	5.816	5.007	336479	148258	10.563	20.968 #
15)	L3 AR-1232-5	5.906	5.179	397463	159033	13.508	20.205 #
16)	L4 AR-1242-1	5.632	4.725	399601	105299	4.934	5.459
17)	L4 AR-1242-2	5.651	4.740	227683	164783	1.823	6.054 #
18)	L4 AR-1242-3	5.718	4.925	387048	101451	4.707	7.069 #
19)	L4 AR-1242-4	5.816	5.007	336479	148258	5.360	9.361 #
20)	L4 AR-1242-5	6.557	5.529	2281965	233117	36.282	13.209 #
21)	L5 AR-1248-1	5.632	4.725	399601	105299	6.775	7.663
22)	L5 AR-1248-2	5.906	4.960	397463	144934	4.019	6.536 #
23)	L5 AR-1248-3	6.113	5.007	408493	148258	3.943	6.448 #
24)	L5 AR-1248-4	6.521	5.179	2504493	159033	27.378	5.860 #
25)	L5 AR-1248-5	6.557	5.573	2281965	211181	22.478	9.341 #
26)	L6 AR-1254-1	6.499	5.529	1606219	233117	14.610	6.040 #
27)	L6 AR-1254-2	6.716	5.641f	385528	40338	2.366	1.184 #
28)	L6 AR-1254-3	7.085	6.086	783512	132658	4.811	2.500 #
29)	L6 AR-1254-4	7.377	6.319	450550	141883	4.622	5.203
30)	L6 AR-1254-5	7.785	6.739	924210	75642	8.184	1.716 #
31)	L7 AR-1260-1	7.249	6.183	144715	10744	1.134	0.288 #
32)	L7 AR-1260-2	7.513	6.404	737338	193297	5.411	4.568
33)	L7 AR-1260-3	7.874	6.568	28738676	894941	271.894	21.380 #
34)	L7 AR-1260-4	8.065	7.034	1125074	12823214	9.945	396.475 #
35)	L7 AR-1260-5	8.432	7.278	12406986	4363512	66.002	66.086
36)	L8 AR-1262-1	7.874	6.828	28738676	661559	190.977	32.964 #
37)	L8 AR-1262-2	8.432	7.034	12406986	12823214	56.656	293.496 #
38)	L8 AR-1262-3	8.752	7.564	142.7E6	47862802	920.489	1535.776 #
39)	L8 AR-1262-4	8.848	7.628	127.1E6	41025086	1019.214	729.347 #
40)	L8 AR-1262-5	9.525	8.125	37454345	12658286	544.635	538.070
41)	L9 AR-1268-1	8.752	7.564	142.7E6	47862802	502.470	500.020

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Acq On : 29 Aug 2023 11:40
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

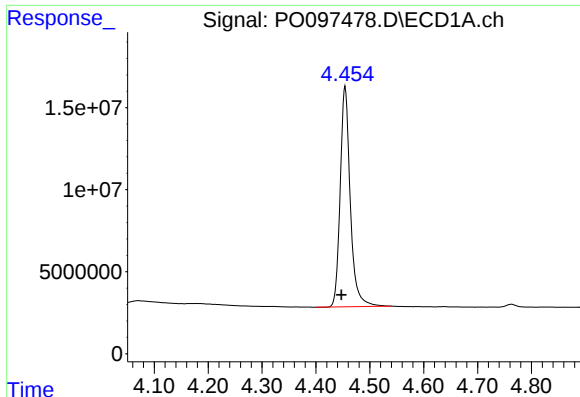
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 11:57:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 29 10:29:21 2023
Response via : Initial Calibration
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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	8.848	7.628	127.1E6	41025086	500.068	494.905
43) L9	AR-1268-3	9.086	7.928	114.1E6	10057641	505.938	507.604
44) L9	AR-1268-4	9.525	8.125	37454345	12658286	486.617	489.827
45) L9	AR-1268-5	9.959	8.420	354.7E6	115.3E6	513.629	505.572

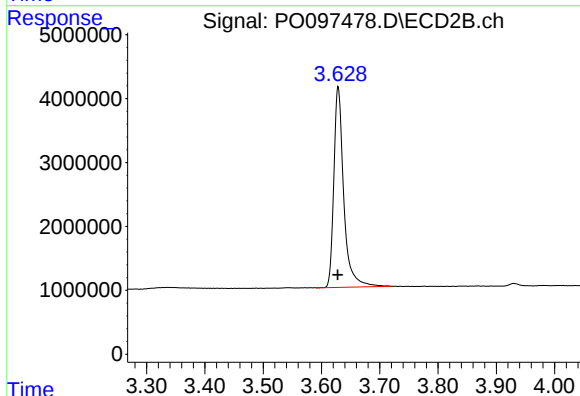
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

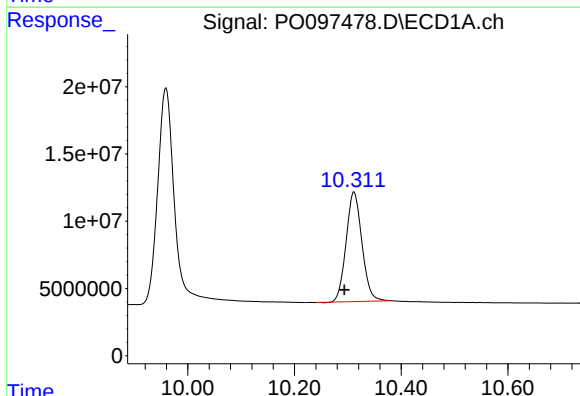
R.T.: 4.454 min
Delta R.T.: 0.007 min
Response: 174468236
Conc: 52.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



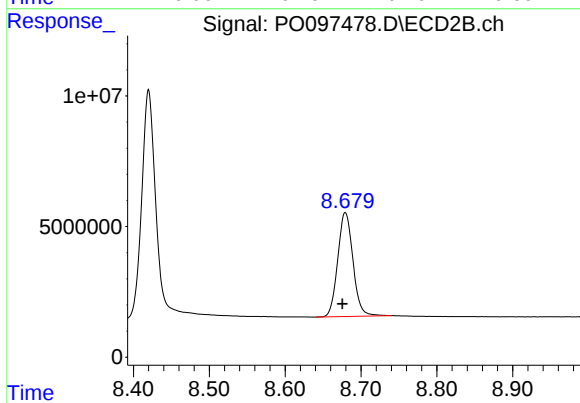
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: 0.000 min
Response: 37019378
Conc: 54.87 ng/ml



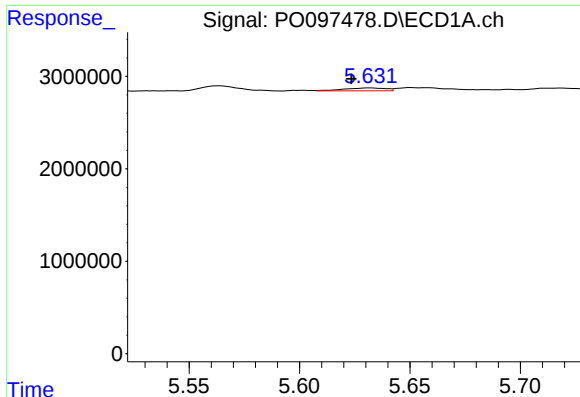
#2 Decachlorobiphenyl

R.T.: 10.311 min
Delta R.T.: 0.018 min
Response: 168255667
Conc: 91.67 ng/ml



#2 Decachlorobiphenyl

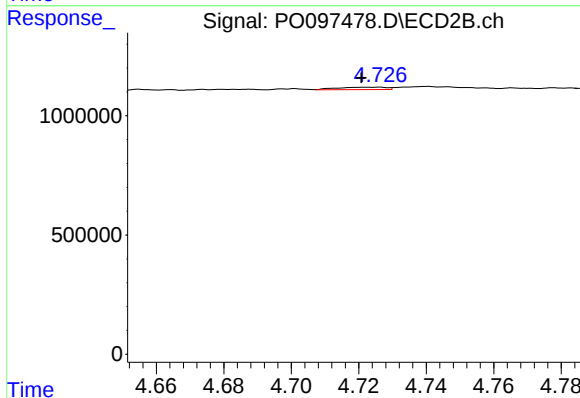
R.T.: 8.679 min
Delta R.T.: 0.004 min
Response: 55477224
Conc: 96.64 ng/ml



#3 AR-1016-1

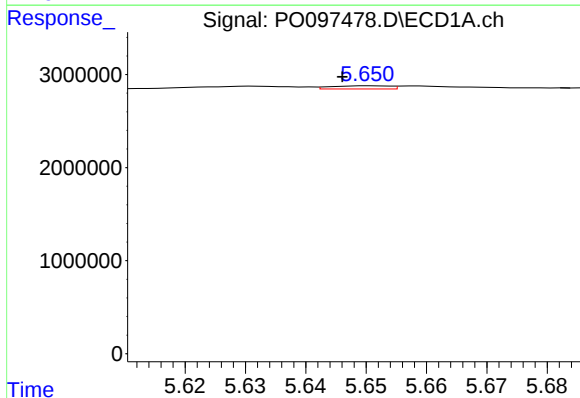
R.T.: 5.632 min
Delta R.T.: 0.008 min
Response: 399601
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



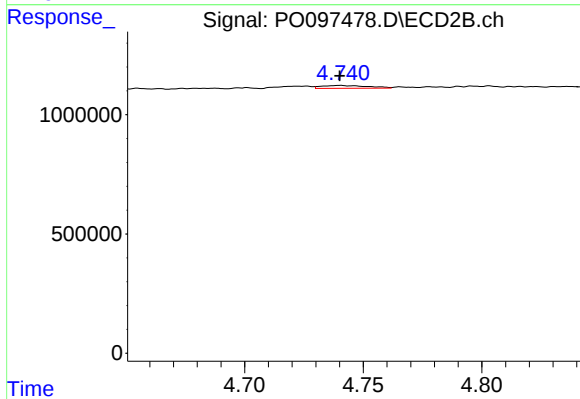
#3 AR-1016-1

R.T.: 4.725 min
Delta R.T.: 0.005 min
Response: 105299
Conc: 4.84 ng/ml



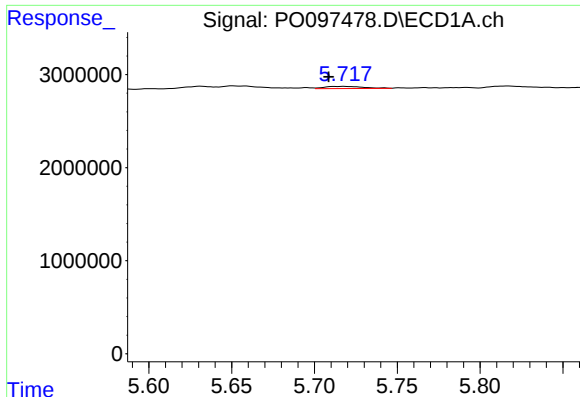
#4 AR-1016-2

R.T.: 5.651 min
Delta R.T.: 0.005 min
Response: 227683
Conc: 1.64 ng/ml



#4 AR-1016-2

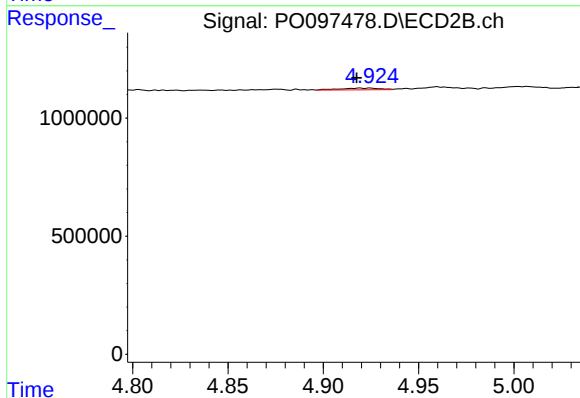
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 164783
Conc: 5.46 ng/ml



#5 AR-1016-3

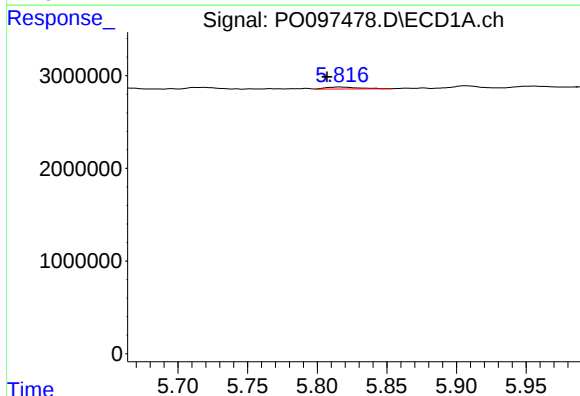
R.T.: 5.718 min
Delta R.T.: 0.010 min
Response: 387048
Conc: 4.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



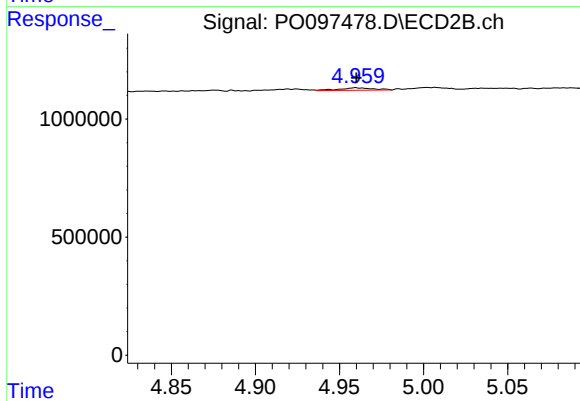
#5 AR-1016-3

R.T.: 4.925 min
Delta R.T.: 0.007 min
Response: 101451
Conc: 6.28 ng/ml



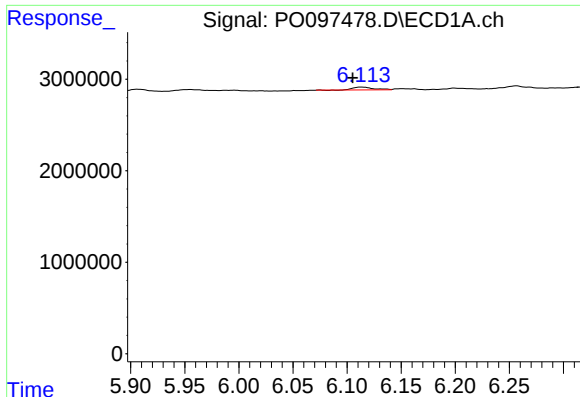
#6 AR-1016-4

R.T.: 5.816 min
Delta R.T.: 0.009 min
Response: 336479
Conc: 4.85 ng/ml



#6 AR-1016-4

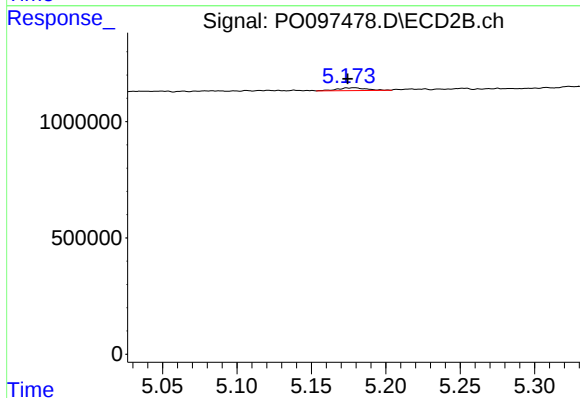
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 144934
Conc: 10.10 ng/ml



#7 AR-1016-5

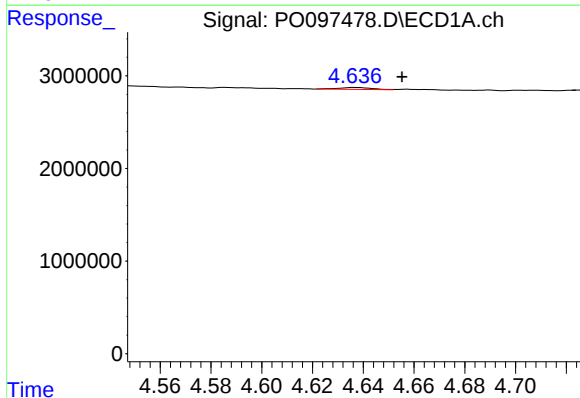
R.T.: 6.113 min
Delta R.T.: 0.008 min
Response: 408493
Conc: 5.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



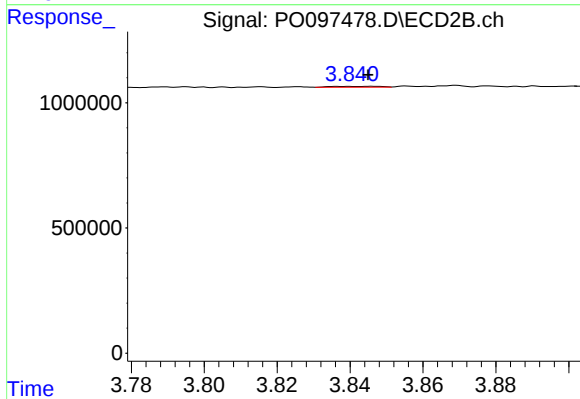
#7 AR-1016-5

R.T.: 5.179 min
Delta R.T.: 0.005 min
Response: 159033
Conc: 8.70 ng/ml



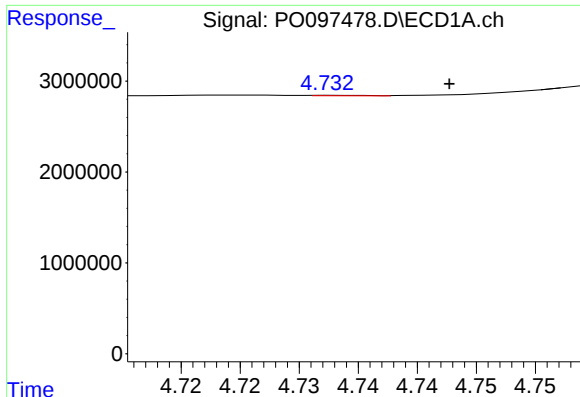
#8 AR-1221-1

R.T.: 4.637 min
Delta R.T.: -0.018 min
Response: 187197
Conc: 4.65 ng/ml



#8 AR-1221-1

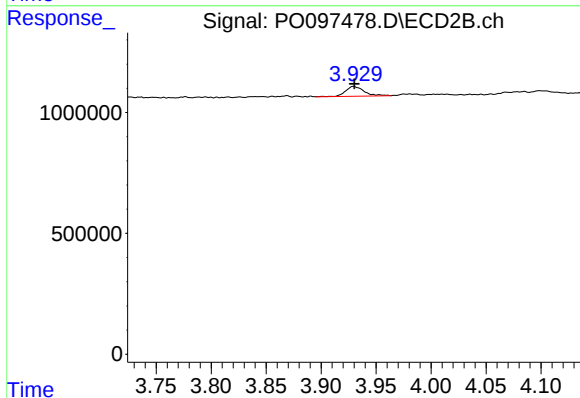
R.T.: 3.846 min
Delta R.T.: 0.002 min
Response: 35349
Conc: 4.32 ng/ml



#9 AR-1221-2

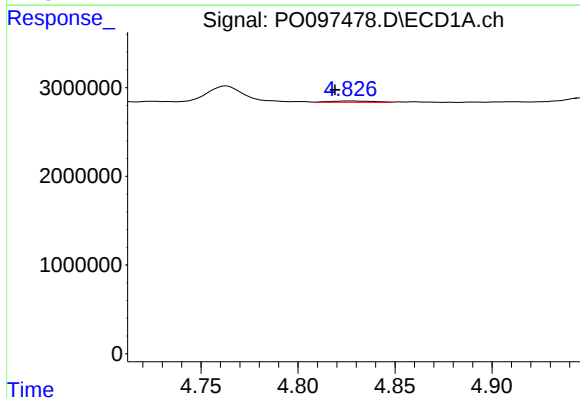
R.T.: 4.733 min
Delta R.T.: -0.009 min
Response: 15913
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



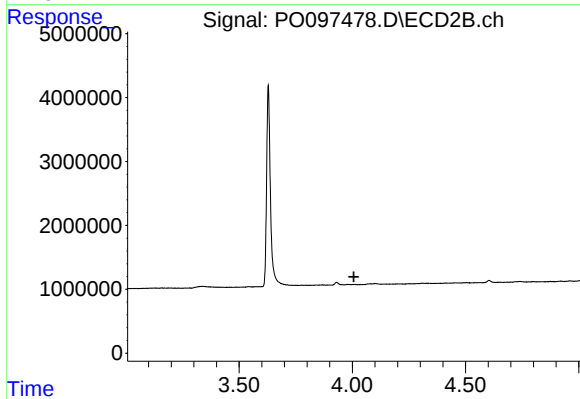
#9 AR-1221-2

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 475658
Conc: 82.07 ng/ml



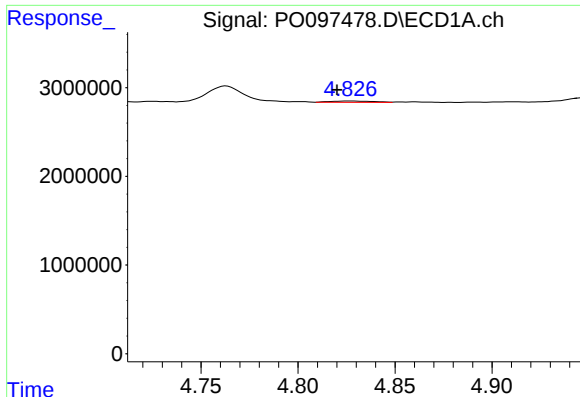
#10 AR-1221-3

R.T.: 4.827 min
Delta R.T.: 0.007 min
Response: 223004
Conc: 2.50 ng/ml



#10 AR-1221-3

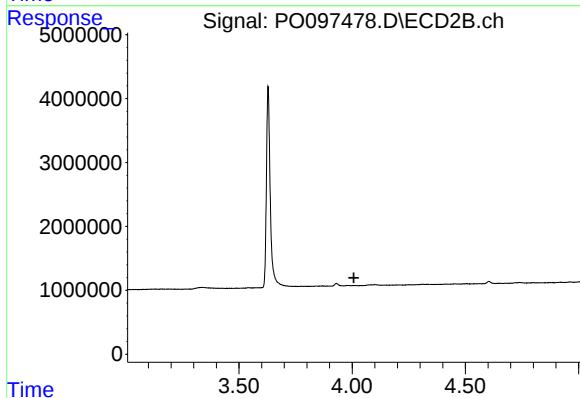
R.T.: 0.000 min
Exp R.T. : 4.007 min
Response: 0
Conc: N.D.



#11 AR-1232-1

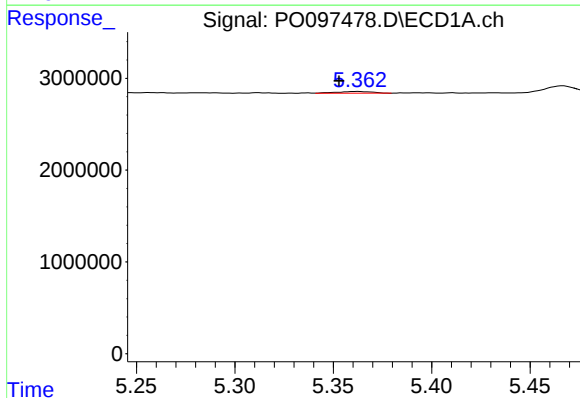
R.T.: 4.827 min
Delta R.T.: 0.007 min
Response: 223004
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



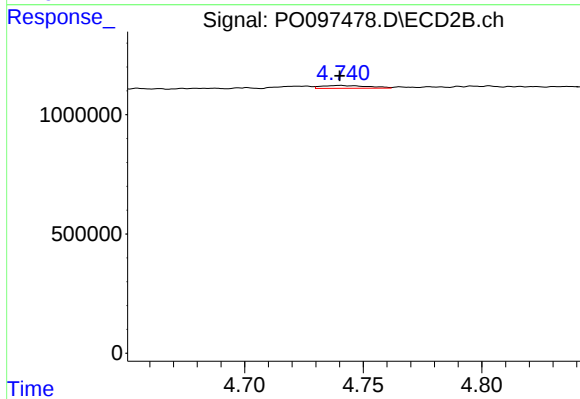
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.007 min
Response: 0
Conc: N.D.



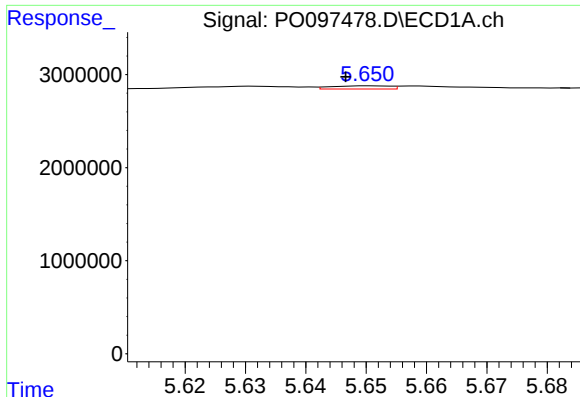
#12 AR-1232-2

R.T.: 5.362 min
Delta R.T.: 0.010 min
Response: 237729
Conc: 6.20 ng/ml



#12 AR-1232-2

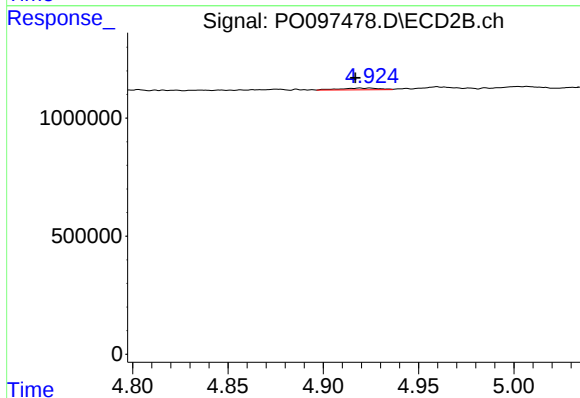
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 164783
Conc: 11.80 ng/ml



#13 AR-1232-3

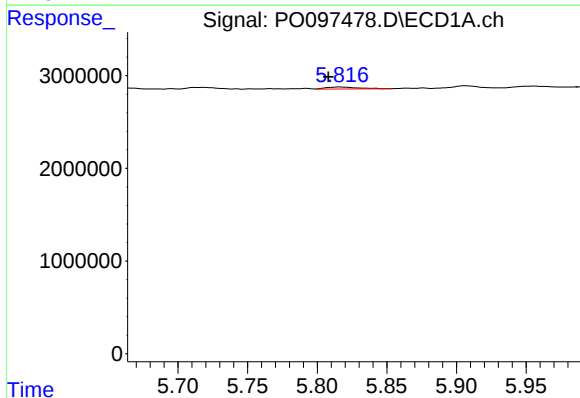
R.T.: 5.651 min
Delta R.T.: 0.004 min
Response: 227683
Conc: 3.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



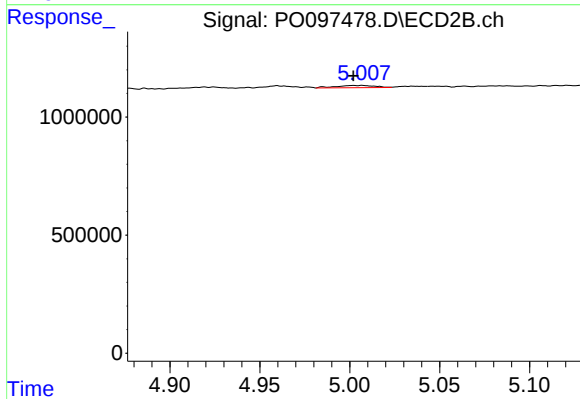
#13 AR-1232-3

R.T.: 4.925 min
Delta R.T.: 0.008 min
Response: 101451
Conc: 14.44 ng/ml



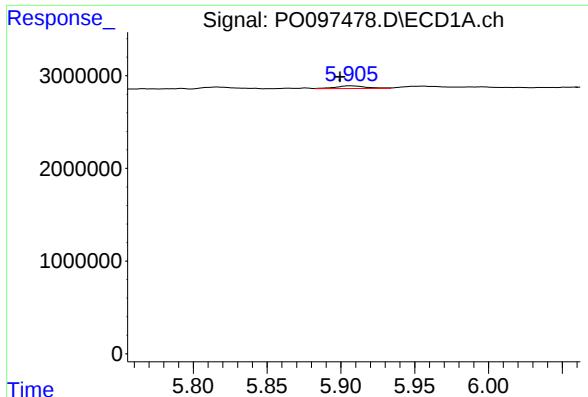
#14 AR-1232-4

R.T.: 5.816 min
Delta R.T.: 0.008 min
Response: 336479
Conc: 10.56 ng/ml



#14 AR-1232-4

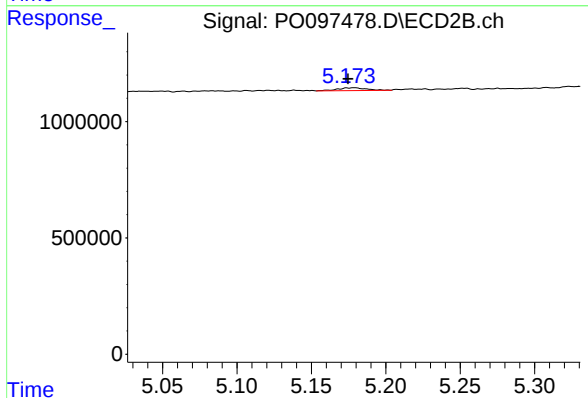
R.T.: 5.007 min
Delta R.T.: 0.005 min
Response: 148258
Conc: 20.97 ng/ml



#15 AR-1232-5

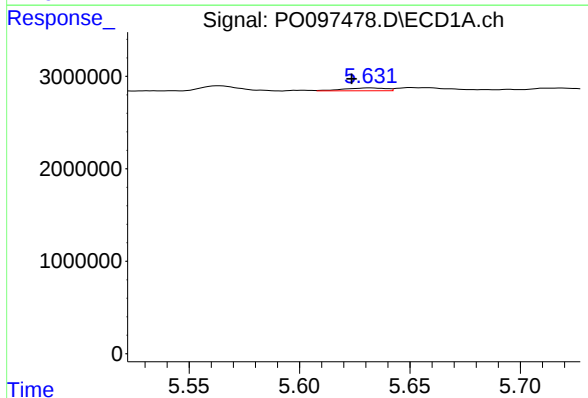
R.T.: 5.906 min
Delta R.T.: 0.007 min
Response: 397463
Conc: 13.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



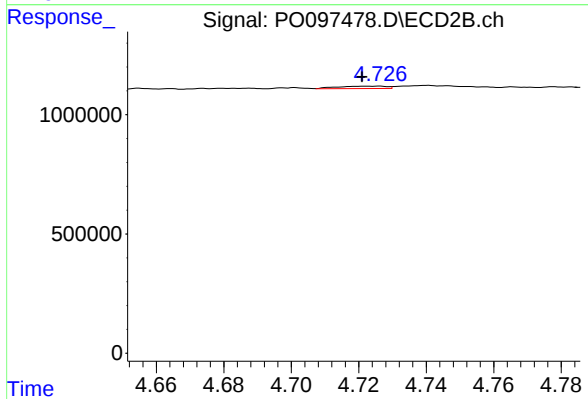
#15 AR-1232-5

R.T.: 5.179 min
Delta R.T.: 0.004 min
Response: 159033
Conc: 20.20 ng/ml



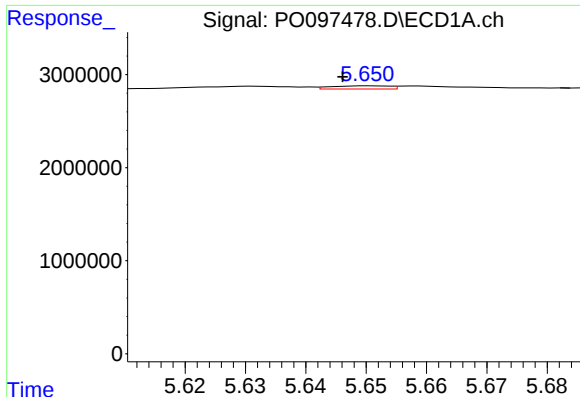
#16 AR-1242-1

R.T.: 5.632 min
Delta R.T.: 0.008 min
Response: 399601
Conc: 4.93 ng/ml



#16 AR-1242-1

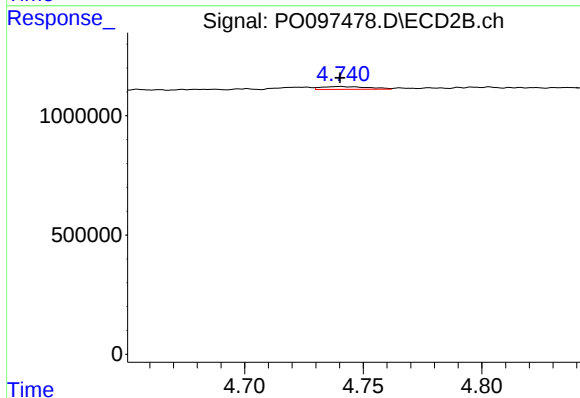
R.T.: 4.725 min
Delta R.T.: 0.004 min
Response: 105299
Conc: 5.46 ng/ml



#17 AR-1242-2

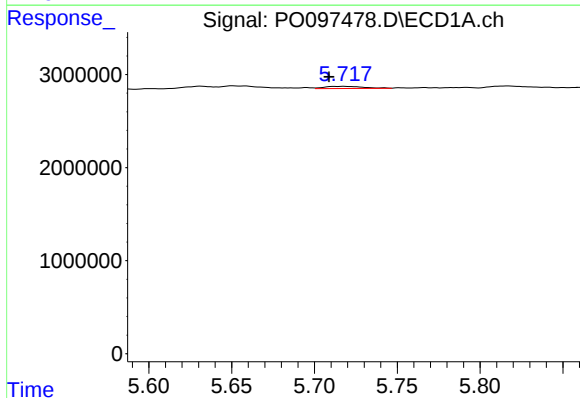
R.T.: 5.651 min
Delta R.T.: 0.005 min
Response: 227683
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



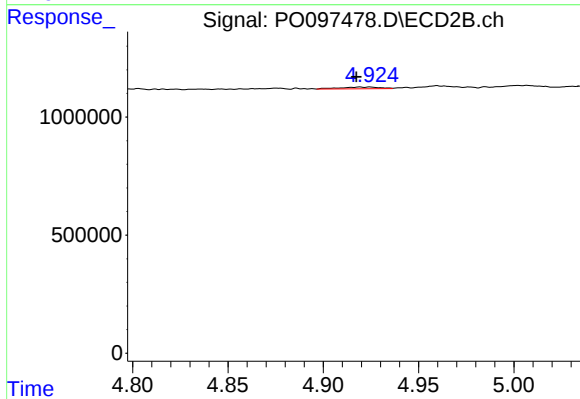
#17 AR-1242-2

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 164783
Conc: 6.05 ng/ml



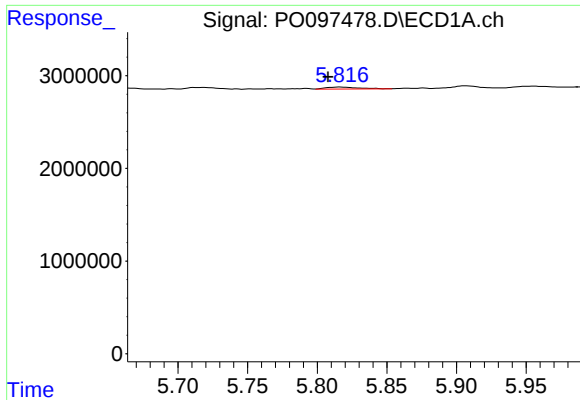
#18 AR-1242-3

R.T.: 5.718 min
Delta R.T.: 0.009 min
Response: 387048
Conc: 4.71 ng/ml



#18 AR-1242-3

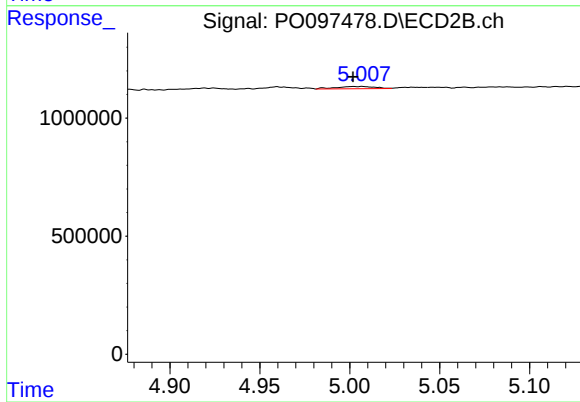
R.T.: 4.925 min
Delta R.T.: 0.007 min
Response: 101451
Conc: 7.07 ng/ml



#19 AR-1242-4

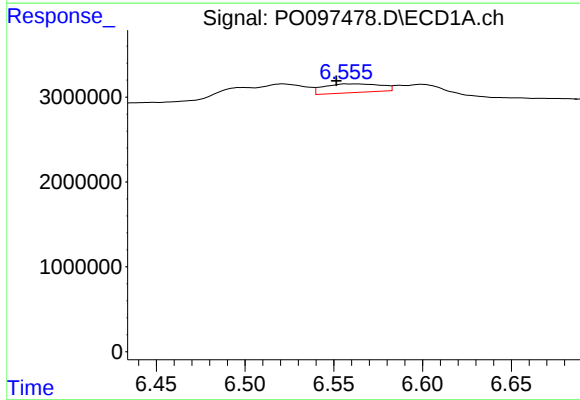
R.T.: 5.816 min
Delta R.T.: 0.009 min
Response: 336479
Conc: 5.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



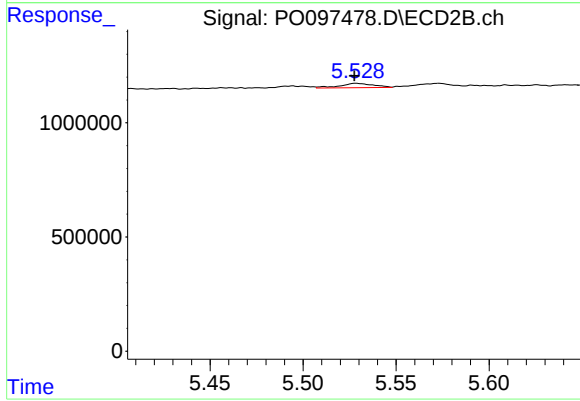
#19 AR-1242-4

R.T.: 5.007 min
Delta R.T.: 0.005 min
Response: 148258
Conc: 9.36 ng/ml



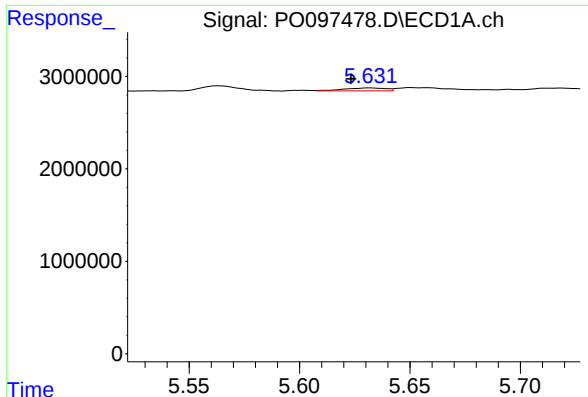
#20 AR-1242-5

R.T.: 6.557 min
Delta R.T.: 0.005 min
Response: 2281965
Conc: 36.28 ng/ml



#20 AR-1242-5

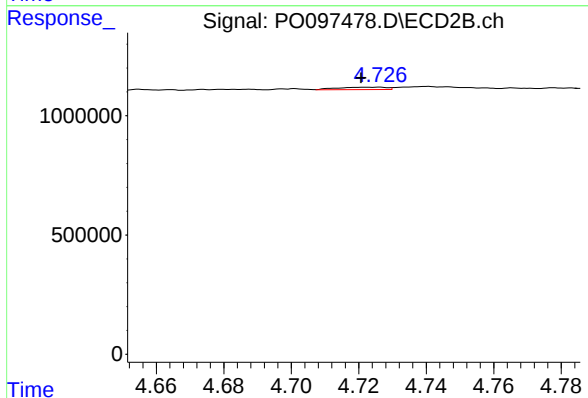
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 233117
Conc: 13.21 ng/ml



#21 AR-1248-1

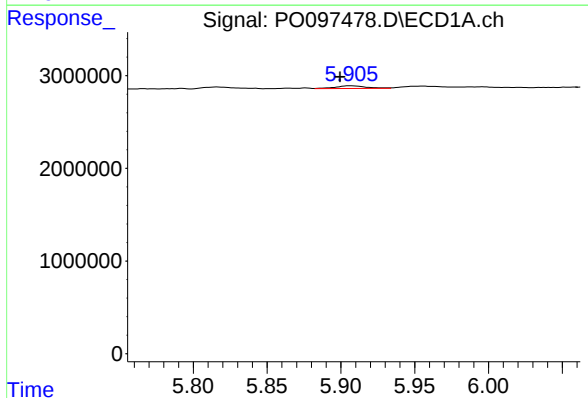
R.T.: 5.632 min
Delta R.T.: 0.008 min
Response: 399601
Conc: 6.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



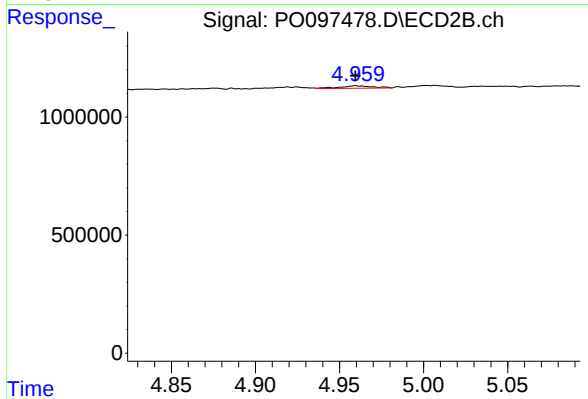
#21 AR-1248-1

R.T.: 4.725 min
Delta R.T.: 0.005 min
Response: 105299
Conc: 7.66 ng/ml



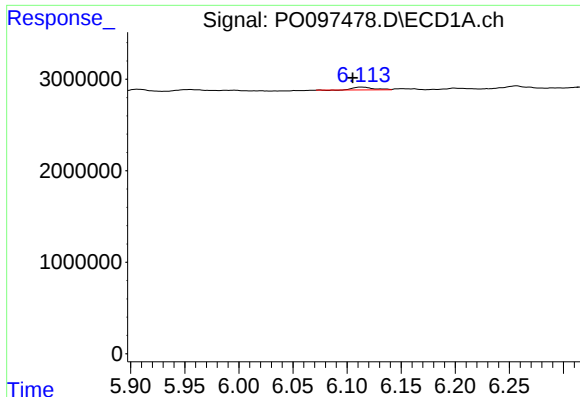
#22 AR-1248-2

R.T.: 5.906 min
Delta R.T.: 0.007 min
Response: 397463
Conc: 4.02 ng/ml



#22 AR-1248-2

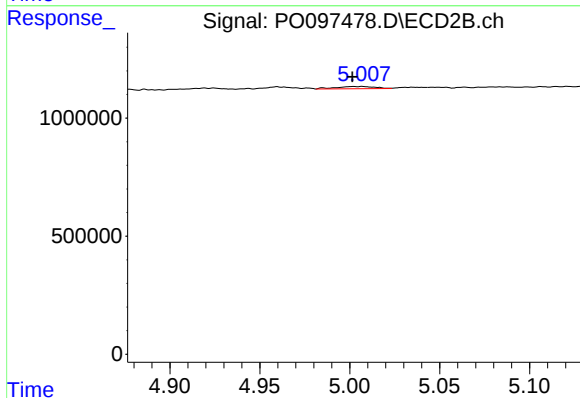
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 144934
Conc: 6.54 ng/ml



#23 AR-1248-3

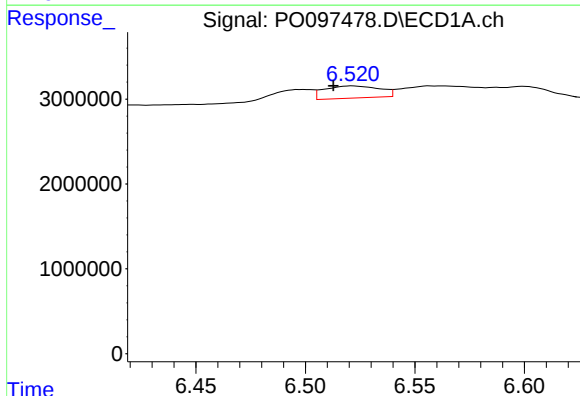
R.T.: 6.113 min
Delta R.T.: 0.008 min
Response: 408493
Conc: 3.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



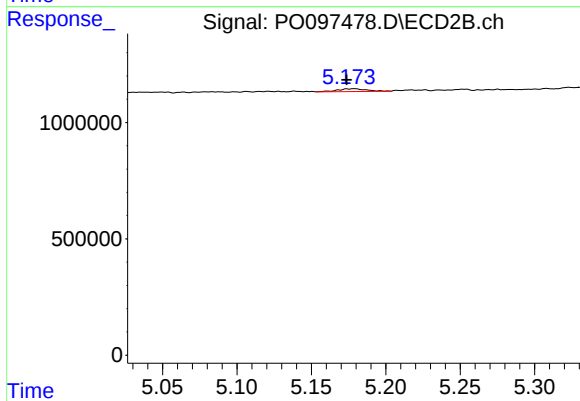
#23 AR-1248-3

R.T.: 5.007 min
Delta R.T.: 0.006 min
Response: 148258
Conc: 6.45 ng/ml



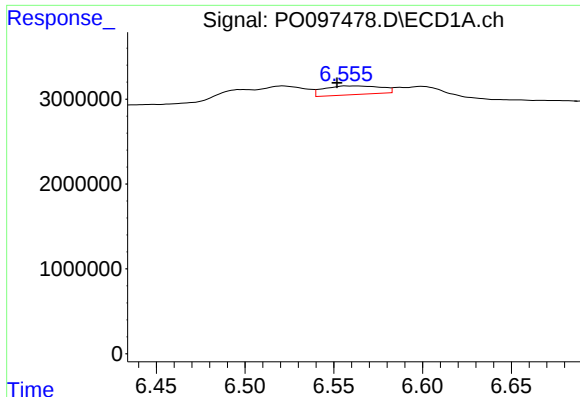
#24 AR-1248-4

R.T.: 6.521 min
Delta R.T.: 0.009 min
Response: 2504493
Conc: 27.38 ng/ml



#24 AR-1248-4

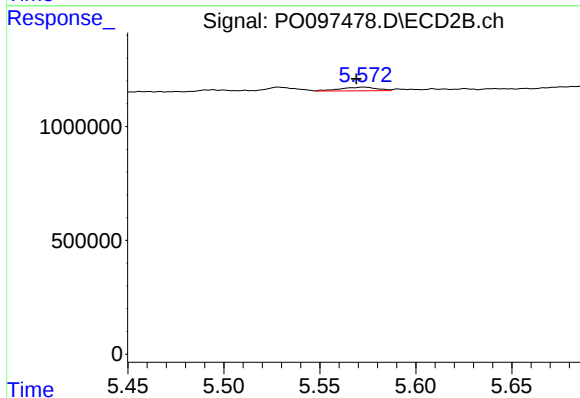
R.T.: 5.179 min
Delta R.T.: 0.005 min
Response: 159033
Conc: 5.86 ng/ml



#25 AR-1248-5

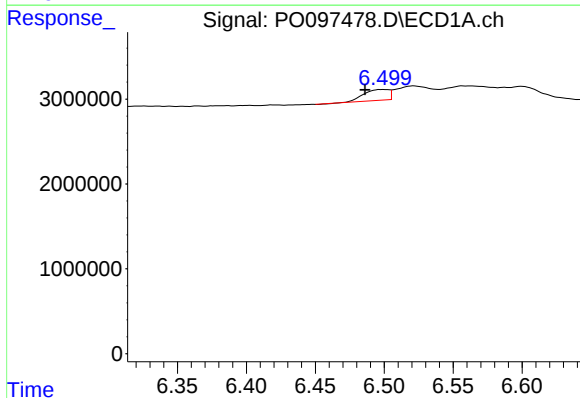
R.T.: 6.557 min
Delta R.T.: 0.005 min
Response: 2281965
Conc: 22.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



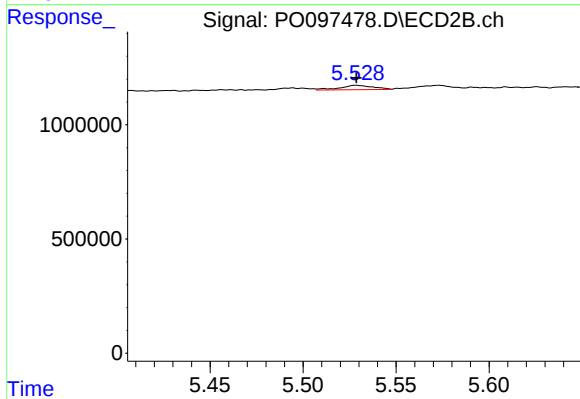
#25 AR-1248-5

R.T.: 5.573 min
Delta R.T.: 0.004 min
Response: 211181
Conc: 9.34 ng/ml



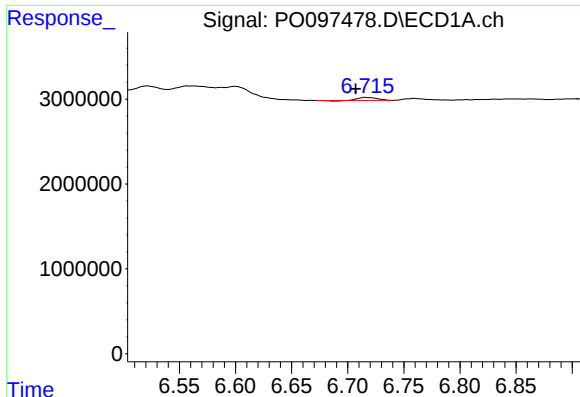
#26 AR-1254-1

R.T.: 6.499 min
Delta R.T.: 0.013 min
Response: 1606219
Conc: 14.61 ng/ml



#26 AR-1254-1

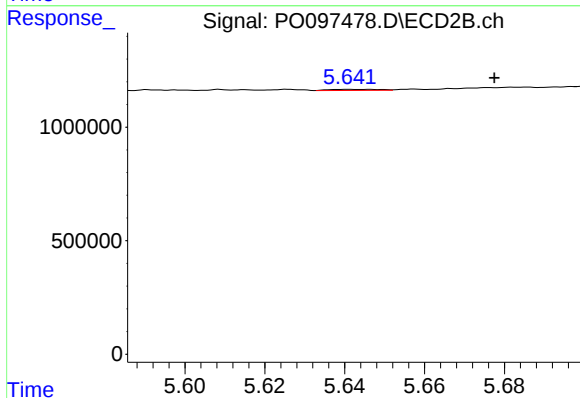
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 233117
Conc: 6.04 ng/ml



#27 AR-1254-2

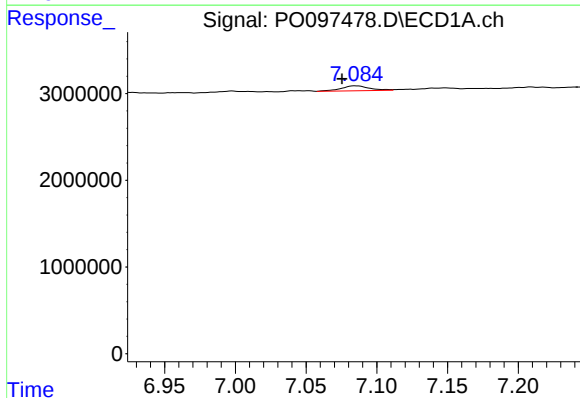
R.T.: 6.716 min
Delta R.T.: 0.009 min
Response: 385528
Conc: 2.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



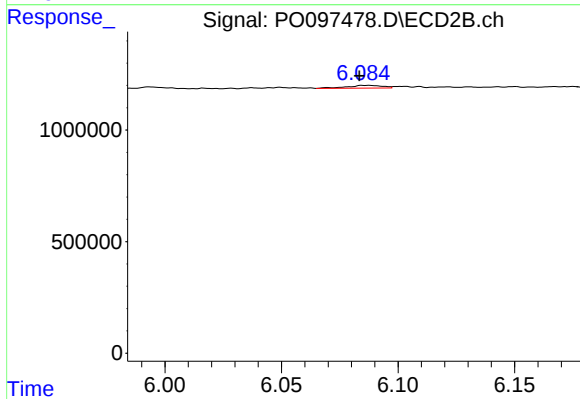
#27 AR-1254-2

R.T.: 5.641 min
Delta R.T.: -0.036 min
Response: 40338
Conc: 1.18 ng/ml



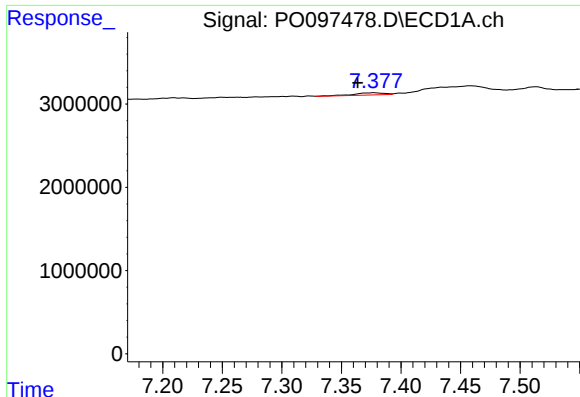
#28 AR-1254-3

R.T.: 7.085 min
Delta R.T.: 0.009 min
Response: 783512
Conc: 4.81 ng/ml



#28 AR-1254-3

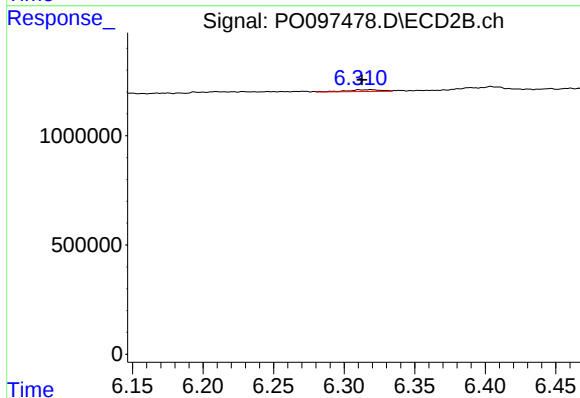
R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 132658
Conc: 2.50 ng/ml



#29 AR-1254-4

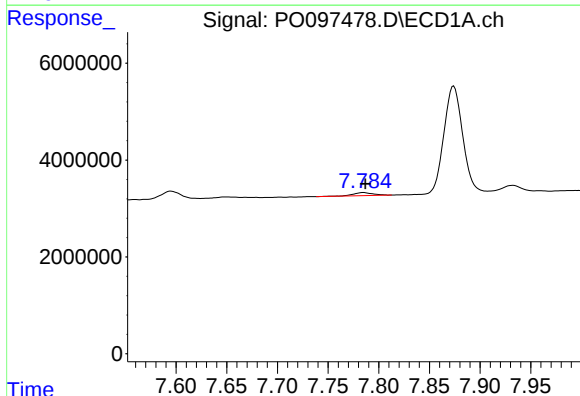
R.T.: 7.377 min
Delta R.T.: 0.014 min
Response: 450550
Conc: 4.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



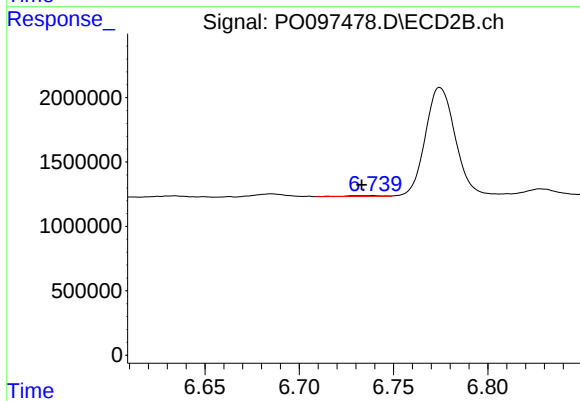
#29 AR-1254-4

R.T.: 6.319 min
Delta R.T.: 0.006 min
Response: 141883
Conc: 5.20 ng/ml



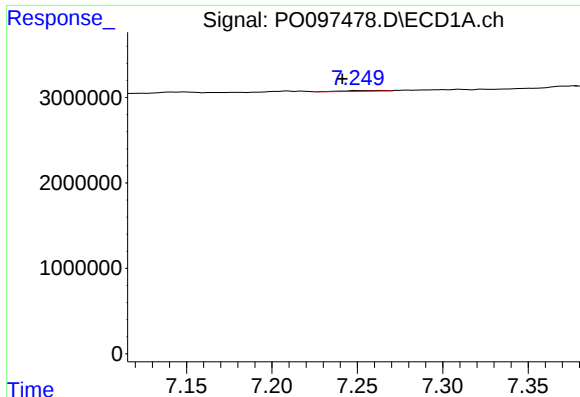
#30 AR-1254-5

R.T.: 7.785 min
Delta R.T.: -0.002 min
Response: 924210
Conc: 8.18 ng/ml



#30 AR-1254-5

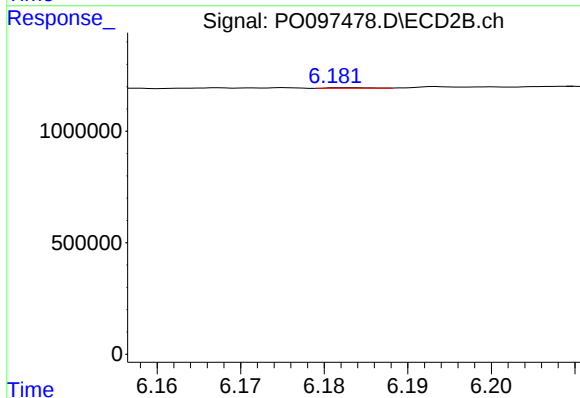
R.T.: 6.739 min
Delta R.T.: 0.006 min
Response: 75642
Conc: 1.72 ng/ml



#31 AR-1260-1

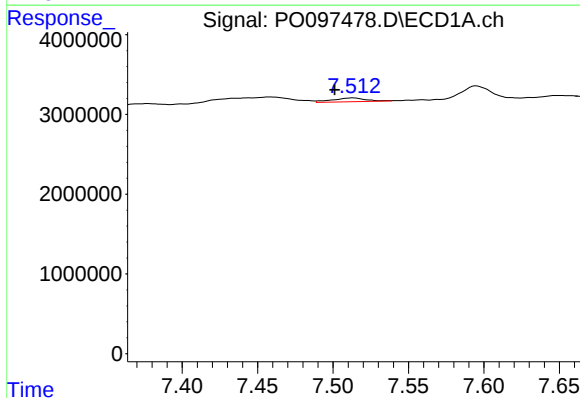
R.T.: 7.249 min
Delta R.T.: 0.008 min
Response: 144715
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



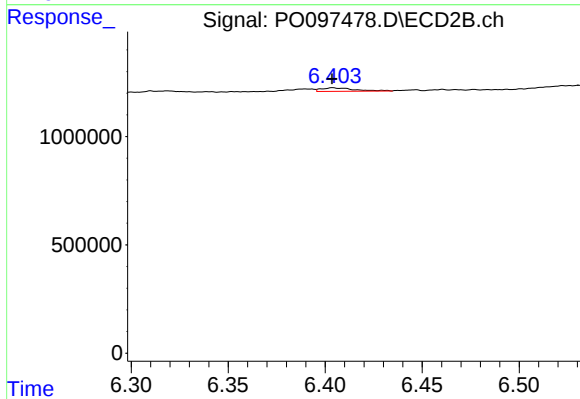
#31 AR-1260-1

R.T.: 6.183 min
Delta R.T.: -0.031 min
Response: 10744
Conc: 0.29 ng/ml



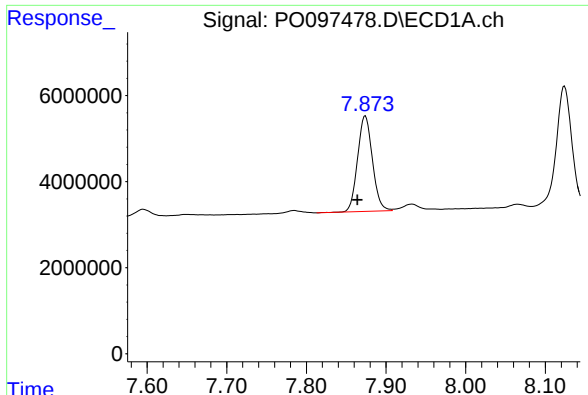
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: 0.012 min
Response: 737338
Conc: 5.41 ng/ml



#32 AR-1260-2

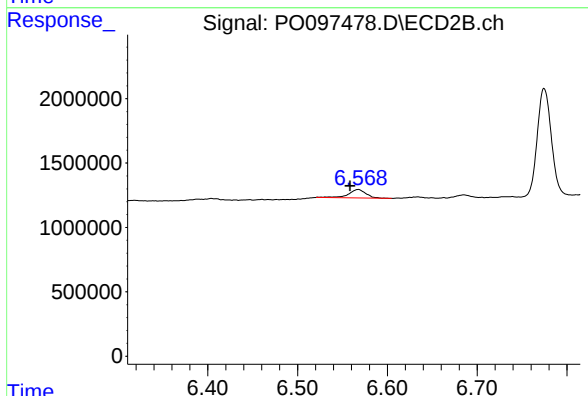
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 193297
Conc: 4.57 ng/ml



#33 AR-1260-3

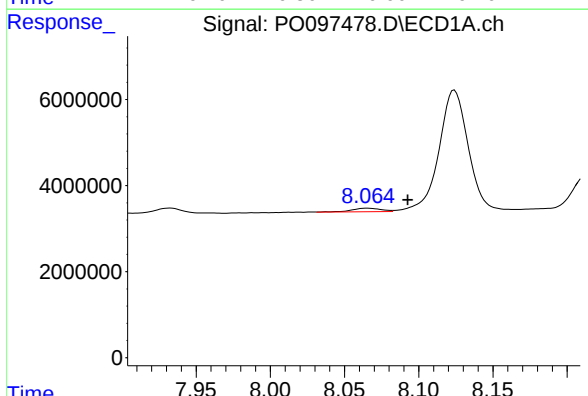
R.T.: 7.874 min
Delta R.T.: 0.010 min
Response: 28738676
Conc: 271.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



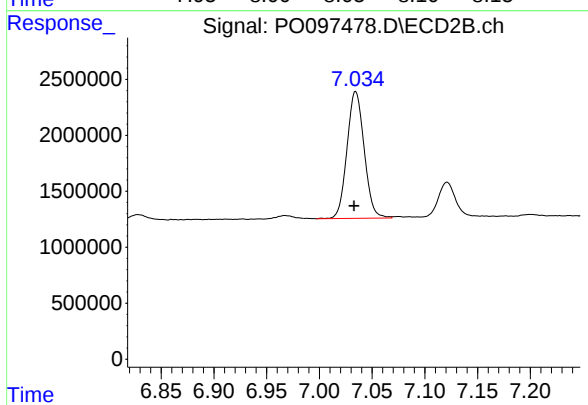
#33 AR-1260-3

R.T.: 6.568 min
Delta R.T.: 0.009 min
Response: 894941
Conc: 21.38 ng/ml



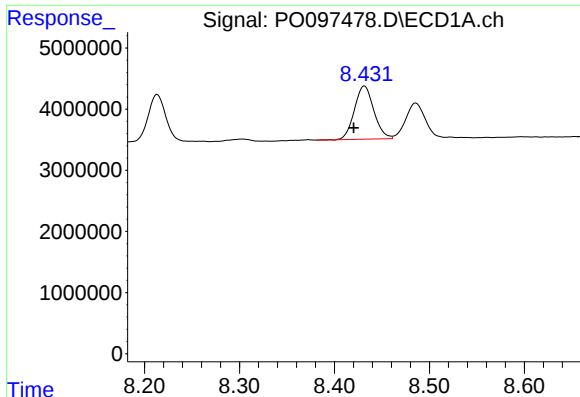
#34 AR-1260-4

R.T.: 8.065 min
Delta R.T.: -0.027 min
Response: 1125074
Conc: 9.95 ng/ml



#34 AR-1260-4

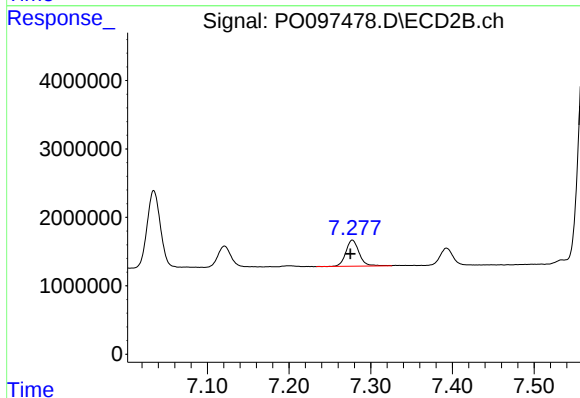
R.T.: 7.034 min
Delta R.T.: 0.001 min
Response: 12823214
Conc: 396.48 ng/ml



#35 AR-1260-5

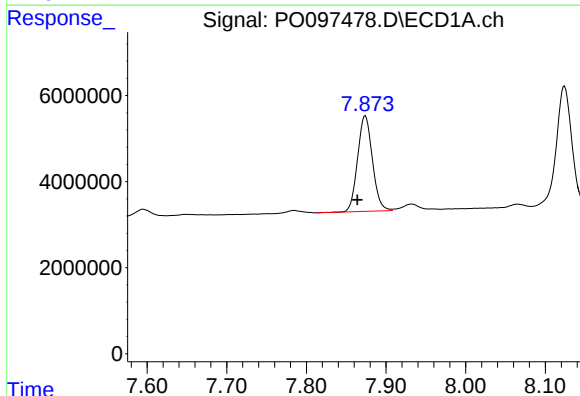
R.T.: 8.432 min
Delta R.T.: 0.011 min
Response: 12406986
Conc: 66.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



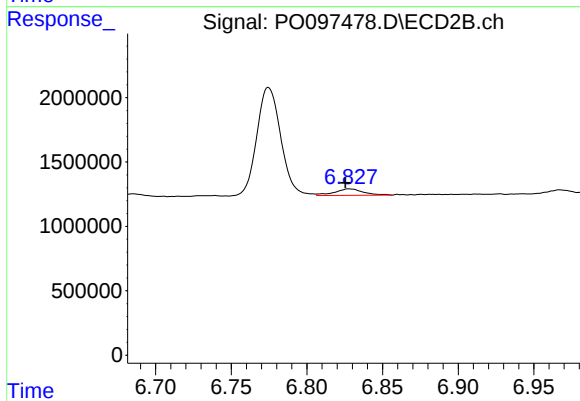
#35 AR-1260-5

R.T.: 7.278 min
Delta R.T.: 0.002 min
Response: 4363512
Conc: 66.09 ng/ml



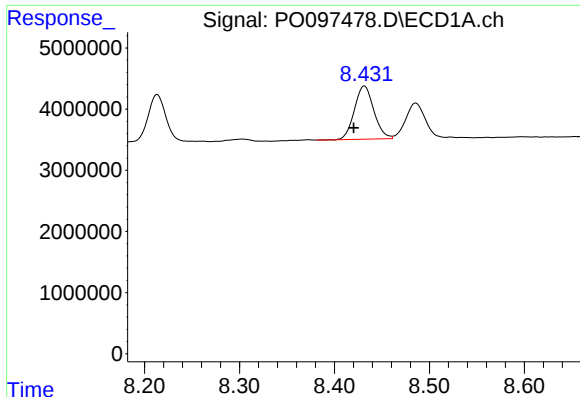
#36 AR-1262-1

R.T.: 7.874 min
Delta R.T.: 0.010 min
Response: 28738676
Conc: 190.98 ng/ml



#36 AR-1262-1

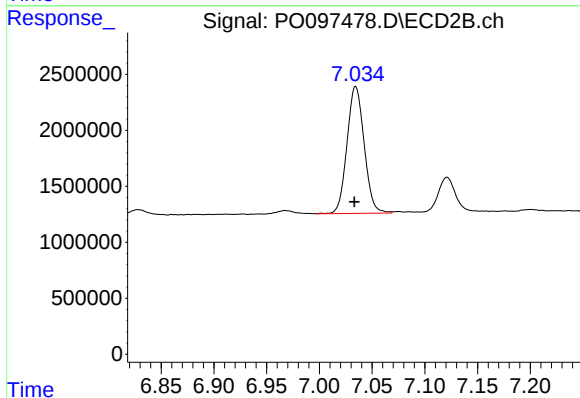
R.T.: 6.828 min
Delta R.T.: 0.003 min
Response: 661559
Conc: 32.96 ng/ml



#37 AR-1262-2

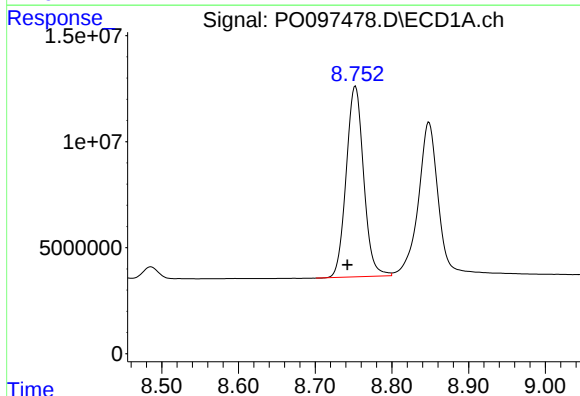
R.T.: 8.432 min
Delta R.T.: 0.011 min
Response: 12406986
Conc: 56.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



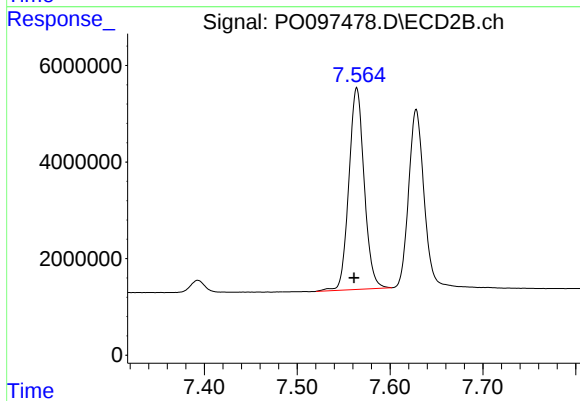
#37 AR-1262-2

R.T.: 7.034 min
Delta R.T.: 0.001 min
Response: 12823214
Conc: 293.50 ng/ml



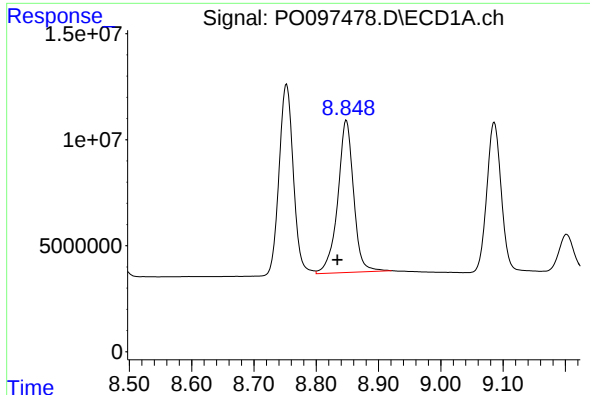
#38 AR-1262-3

R.T.: 8.752 min
Delta R.T.: 0.010 min
Response: 142707517
Conc: 920.49 ng/ml



#38 AR-1262-3

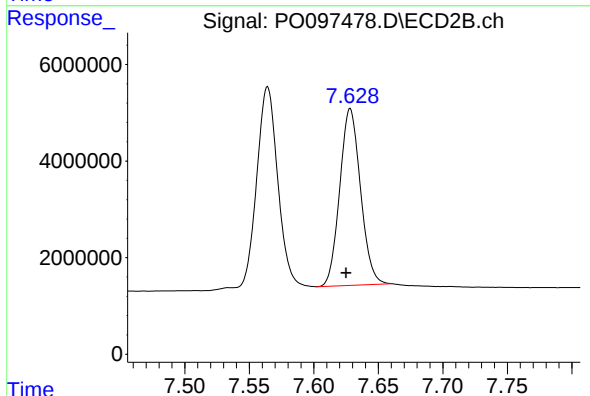
R.T.: 7.564 min
Delta R.T.: 0.003 min
Response: 47862802
Conc: 1535.78 ng/ml



#39 AR-1262-4

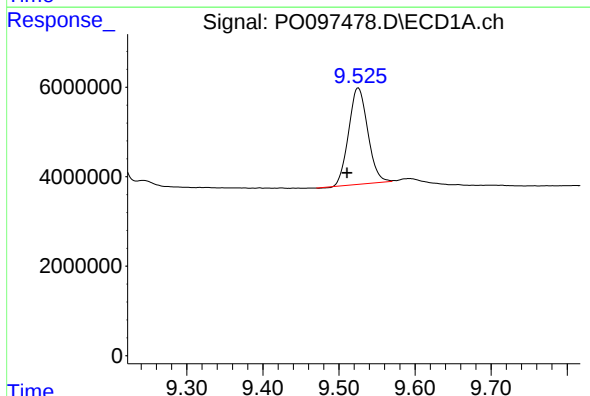
R.T.: 8.848 min
Delta R.T.: 0.014 min
Response: 127055531
Conc: 1019.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



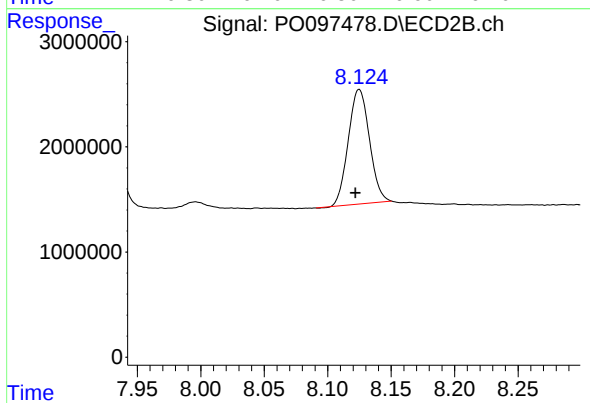
#39 AR-1262-4

R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 41025086
Conc: 729.35 ng/ml



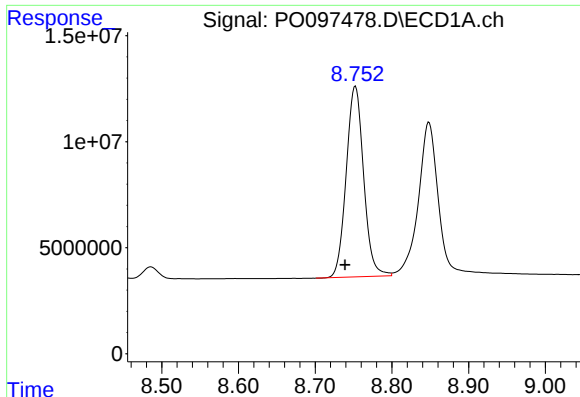
#40 AR-1262-5

R.T.: 9.525 min
Delta R.T.: 0.015 min
Response: 37454345
Conc: 544.63 ng/ml



#40 AR-1262-5

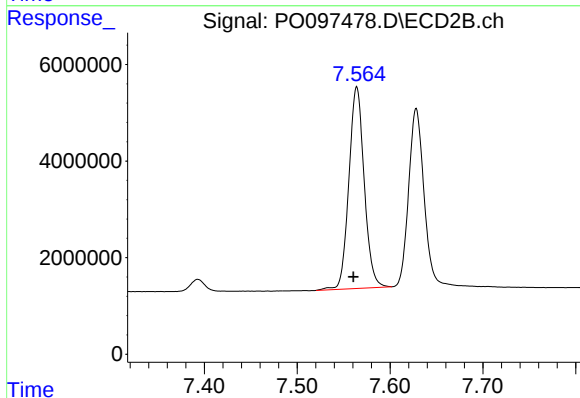
R.T.: 8.125 min
Delta R.T.: 0.003 min
Response: 12658286
Conc: 538.07 ng/ml



#41 AR-1268-1

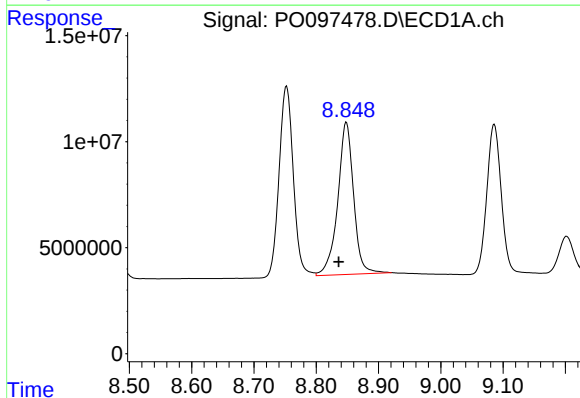
R.T.: 8.752 min
Delta R.T.: 0.013 min
Response: 142707517
Conc: 502.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



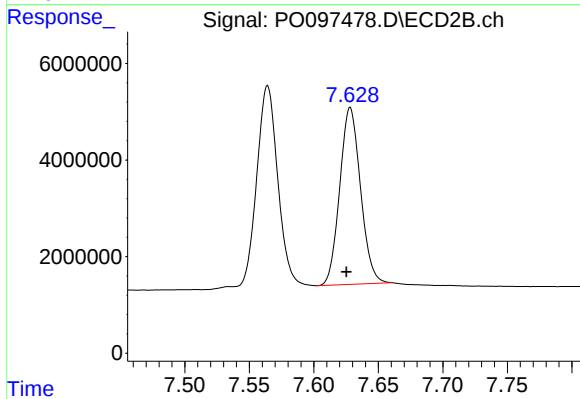
#41 AR-1268-1

R.T.: 7.564 min
Delta R.T.: 0.003 min
Response: 47862802
Conc: 500.02 ng/ml



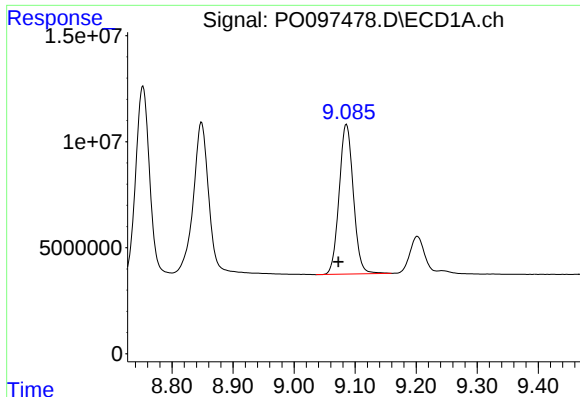
#42 AR-1268-2

R.T.: 8.848 min
Delta R.T.: 0.012 min
Response: 127055531
Conc: 500.07 ng/ml



#42 AR-1268-2

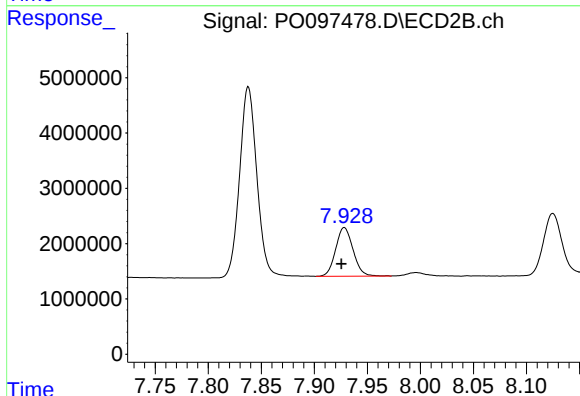
R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 41025086
Conc: 494.91 ng/ml



#43 AR-1268-3

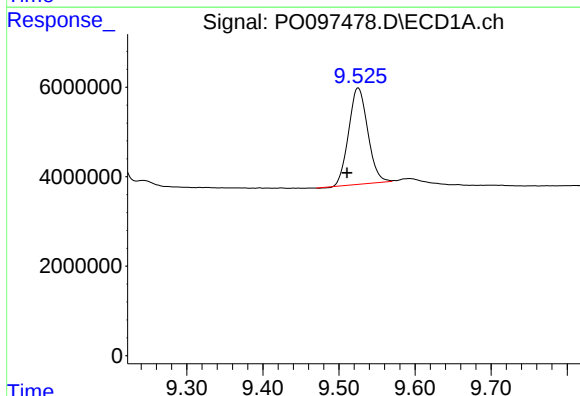
R.T.: 9.086 min
Delta R.T.: 0.013 min
Response: 114108715
Conc: 505.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



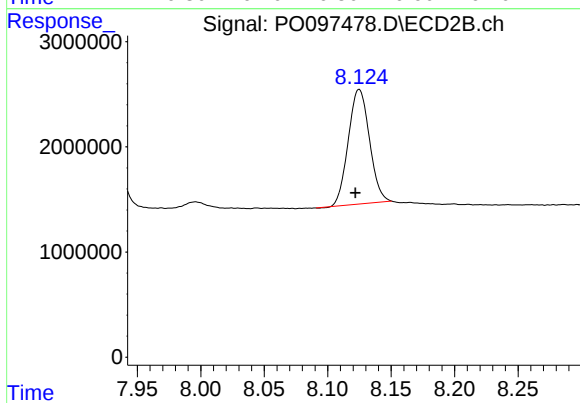
#43 AR-1268-3

R.T.: 7.928 min
Delta R.T.: 0.003 min
Response: 10057641
Conc: 507.60 ng/ml



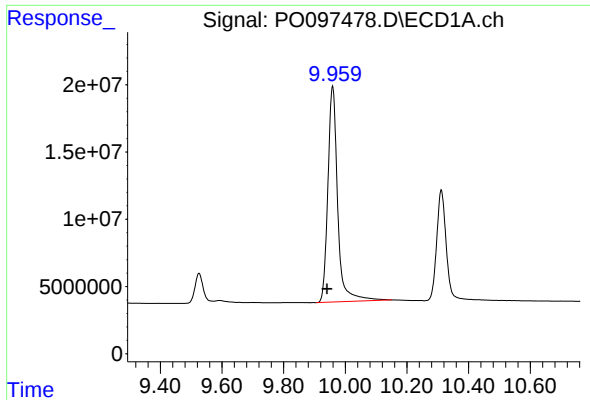
#44 AR-1268-4

R.T.: 9.525 min
Delta R.T.: 0.015 min
Response: 37454345
Conc: 486.62 ng/ml



#44 AR-1268-4

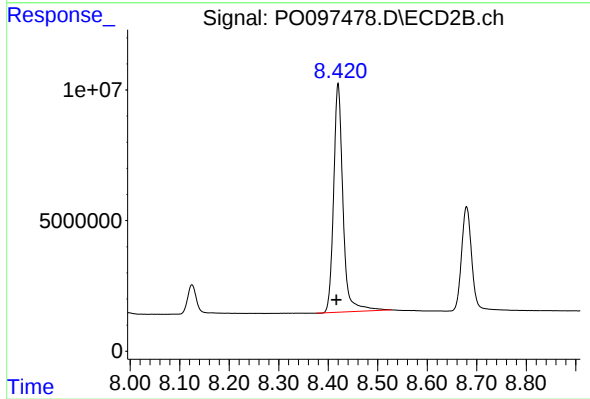
R.T.: 8.125 min
Delta R.T.: 0.003 min
Response: 12658286
Conc: 489.83 ng/ml



#45 AR-1268-5

R.T.: 9.959 min
Delta R.T.: 0.018 min
Response: 354684661
Conc: 513.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.004 min
Response: 115252580
Conc: 505.57 ng/ml