

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110922\
 Data File : PO090375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 17:10
 Operator : YP/AJ
 Sample : N5509-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-11

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 03:26:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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...	4.303	3.482	63522325	21125541	19.765	19.877
2)	SA Decachlor...	10.046	8.484	42407131	17206520	17.305	16.707
Target Compounds							
3)	L1 AR-1016-1	5.499	4.641f	222141	555894	2.088	14.391 #
4)	L1 AR-1016-2	5.499	4.641f	222141	555894	1.458	10.392 #
5)	L1 AR-1016-3	5.532	4.762	1280720	253500	13.554	8.731 #
6)	L1 AR-1016-4	5.640	4.762f	716691	253500	9.557	10.212
7)	L1 AR-1016-5	5.918f	4.964f	915603	224296	11.863	7.301 #
8)	L2 AR-1221-1	4.511	3.706	5901128	1729735	154.599	129.471
9)	L2 AR-1221-2	4.610	3.773	942642	2733202	33.159	269.312 #
10)	L2 AR-1221-3	4.714	3.888	6479381	570769	75.667	18.348 #
11)	L3 AR-1232-1	4.714	3.888	6479381	570769	98.947	23.991 #
12)	L3 AR-1232-2	5.188	4.641f	7797735	555894	202.845	23.198 #
13)	L3 AR-1232-3	5.499	4.762	222141	253500	3.315	19.962 #
14)	L3 AR-1232-4	5.640	0.000	716691	0	21.706	N.D. #
15)	L3 AR-1232-5	5.753	4.964f	737690	224296	27.845	16.799 #
16)	L4 AR-1242-1	5.499	4.641f	222141	555894	2.685	18.672 #
17)	L4 AR-1242-2	5.499	4.641f	222141	555894	1.881	13.667 #
18)	L4 AR-1242-3	5.532	4.762	1280720	253500	17.205	11.464 #
19)	L4 AR-1242-4	5.640	0.000	716691	0	12.302	N.D. #
20)	L4 AR-1242-5	6.422	5.379	396636	598563	6.453	20.925 #
21)	L5 AR-1248-1	5.499	4.641f	222141	555894	3.512	24.486 #
22)	L5 AR-1248-2	5.753	4.762f	737690	253500	7.790	7.797
23)	L5 AR-1248-3	5.918f	0.000	915603	0	9.288	N.D. #
24)	L5 AR-1248-4	6.347	4.964f	1648729	224296	15.464	5.800 #
25)	L5 AR-1248-5	6.422	5.400	396636	467431	3.776	12.909 #
26)	L6 AR-1254-1	6.347	5.379	1648729	598563	14.226	10.161 #
27)	L6 AR-1254-2	6.562	5.516	1556469	247105	8.949	4.612 #
28)	L6 AR-1254-3	6.926	5.941	1801773	245843	10.379	2.966 #
29)	L6 AR-1254-4	7.159f	6.165	785503	120959	6.162	2.436 #
30)	L6 AR-1254-5	7.631	6.568	383425	275582	2.722	3.681 #
31)	L7 AR-1260-1	7.096	6.056	868714	17918	6.197	0.298 #
32)	L7 AR-1260-2	7.344	6.242	2427813	301439	15.007	4.173 #
33)	L7 AR-1260-3	7.713	0.000	1142257	0	10.873	N.D. #
34)	L7 AR-1260-4	7.930	6.869	2665372	279524	21.575	5.494 #
35)	L7 AR-1260-5	8.255	7.115	2582569	351128	11.349	3.023 #
36)	L8 AR-1262-1	7.713	6.612	1142257	236401	6.891	3.120 #
37)	L8 AR-1262-2	8.255	7.115	2582569	351128	9.192	2.738 #
38)	L8 AR-1262-3	8.561	7.400	2333360	521585	11.884	9.578
39)	L8 AR-1262-4	8.657	7.464	964289	472533	9.910	4.865 #
40)	L8 AR-1262-5	9.298	7.959	977861	379626	9.280	7.999
41)	L9 AR-1268-1	8.561	7.400	2333360	521585	6.693	3.311 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110922\
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 Acq On : 09 Nov 2022 17:10
 Operator : YP/AJ
 Sample : N5509-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

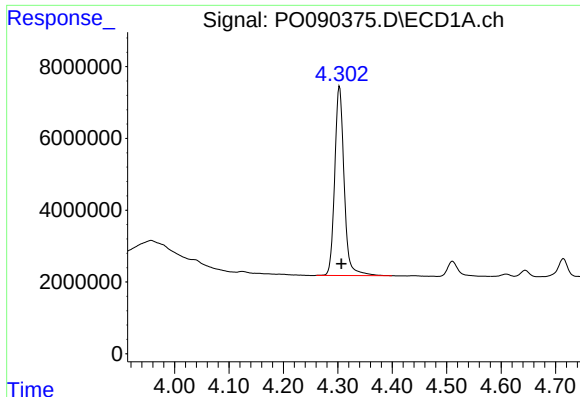
Instrument :
 ECD_O
 ClientSampleId :
 TP-11

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 03:26:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.657	7.464	964289	472533	3.091	3.368
43) L9	AR-1268-3	8.881	7.670	987051	227548	3.673	1.896 #
44) L9	AR-1268-4	9.298	7.959	977861	379626	8.392	6.990
45) L9	AR-1268-5	9.711	8.239	590528	665292	0.689	1.900 #

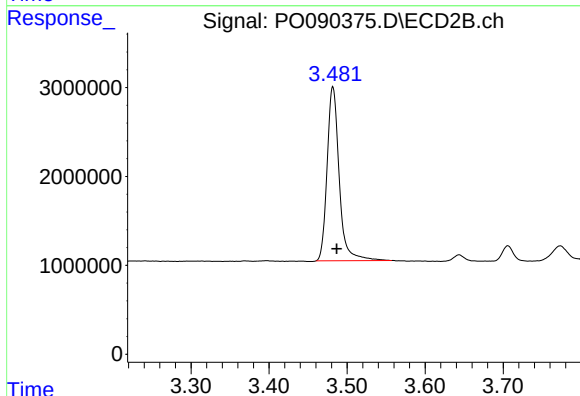
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

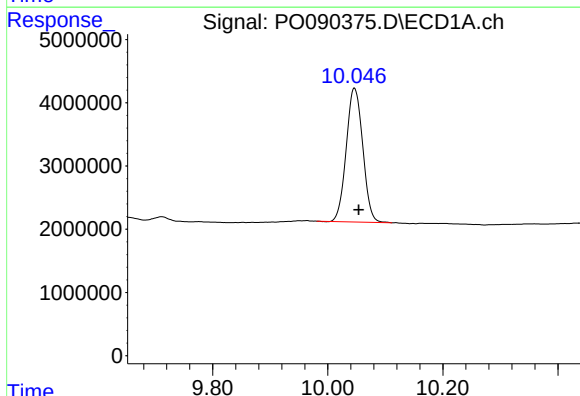
R.T.: 4.303 min
Delta R.T.: -0.004 min
Response: 63522325
Conc: 19.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



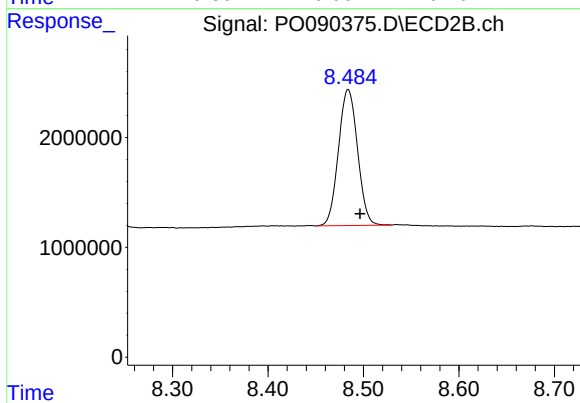
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: -0.005 min
Response: 21125541
Conc: 19.88 ng/ml



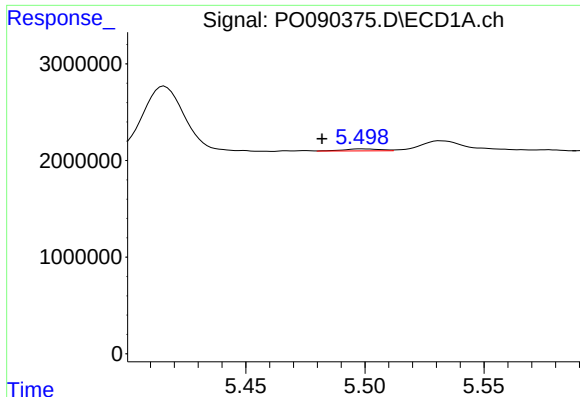
#2 Decachlorobiphenyl

R.T.: 10.046 min
Delta R.T.: -0.008 min
Response: 42407131
Conc: 17.31 ng/ml



#2 Decachlorobiphenyl

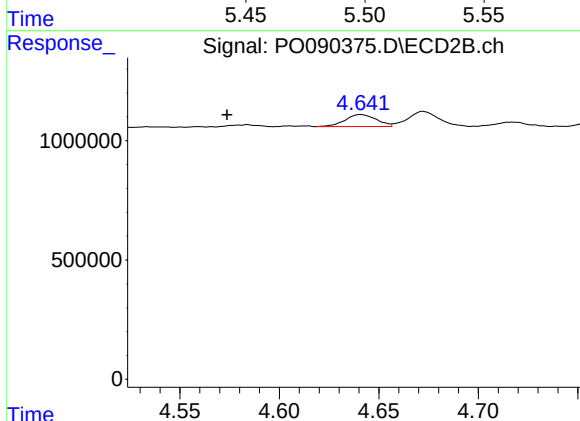
R.T.: 8.484 min
Delta R.T.: -0.012 min
Response: 17206520
Conc: 16.71 ng/ml



#3 AR-1016-1

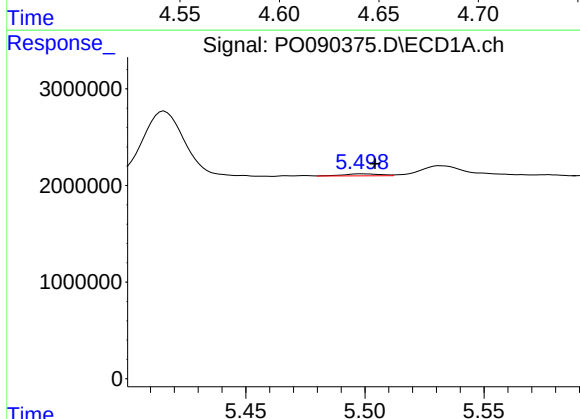
R.T.: 5.499 min
Delta R.T.: 0.017 min
Response: 222141
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



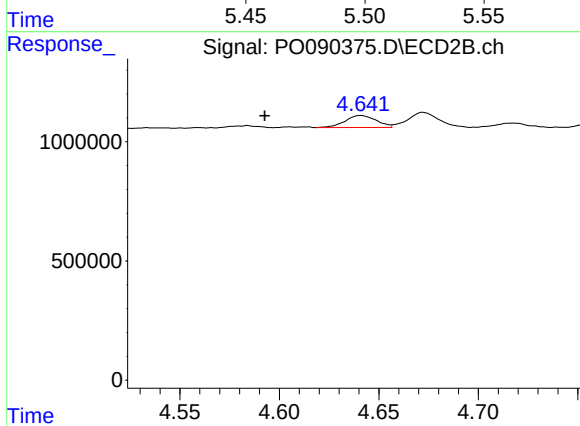
#3 AR-1016-1

R.T.: 4.641 min
Delta R.T.: 0.067 min
Response: 555894
Conc: 14.39 ng/ml



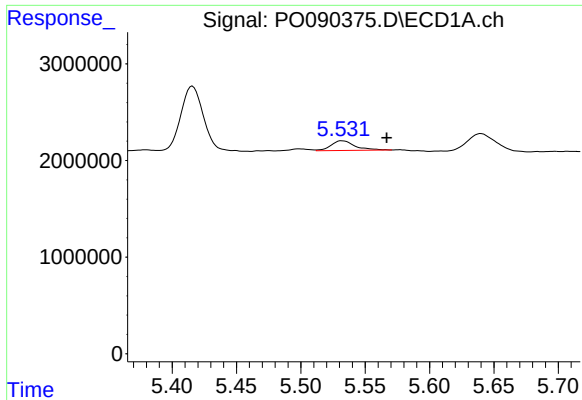
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 222141
Conc: 1.46 ng/ml



#4 AR-1016-2

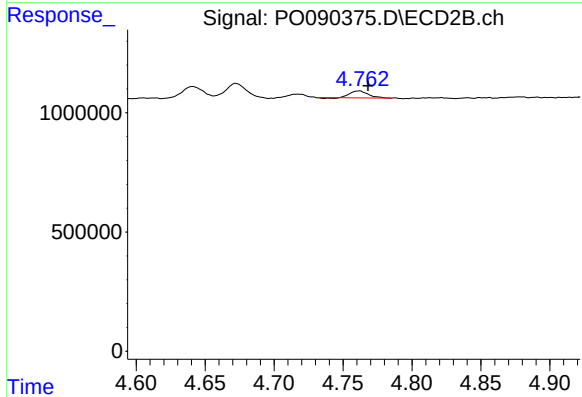
R.T.: 4.641 min
Delta R.T.: 0.048 min
Response: 555894
Conc: 10.39 ng/ml



#5 AR-1016-3

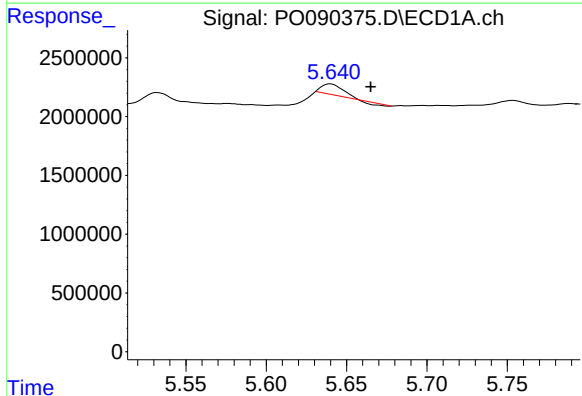
R.T.: 5.532 min
Delta R.T.: -0.035 min
Response: 1280720
Conc: 13.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



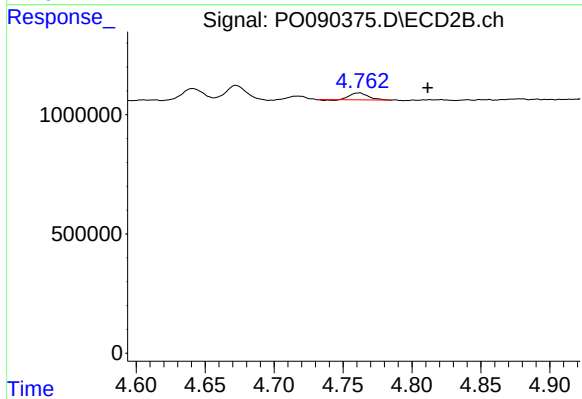
#5 AR-1016-3

R.T.: 4.762 min
Delta R.T.: -0.006 min
Response: 253500
Conc: 8.73 ng/ml



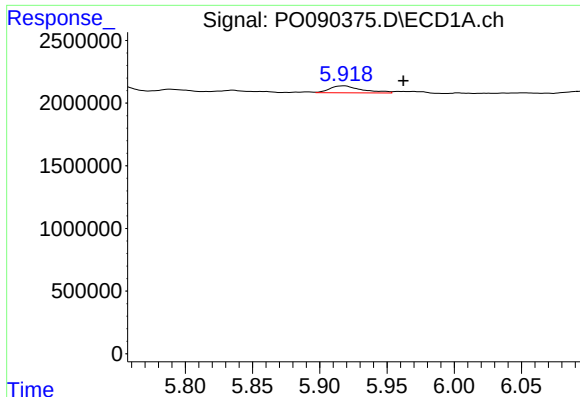
#6 AR-1016-4

R.T.: 5.640 min
Delta R.T.: -0.025 min
Response: 716691
Conc: 9.56 ng/ml



#6 AR-1016-4

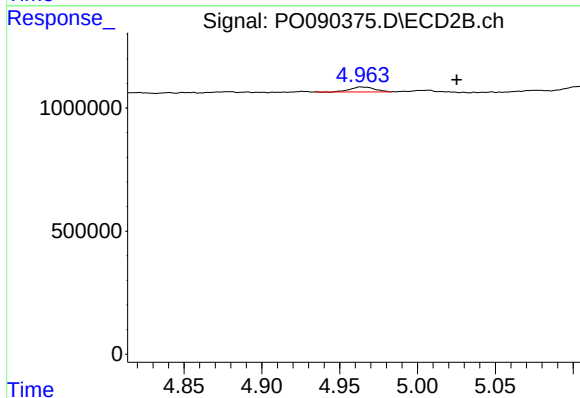
R.T.: 4.762 min
Delta R.T.: -0.049 min
Response: 253500
Conc: 10.21 ng/ml



#7 AR-1016-5

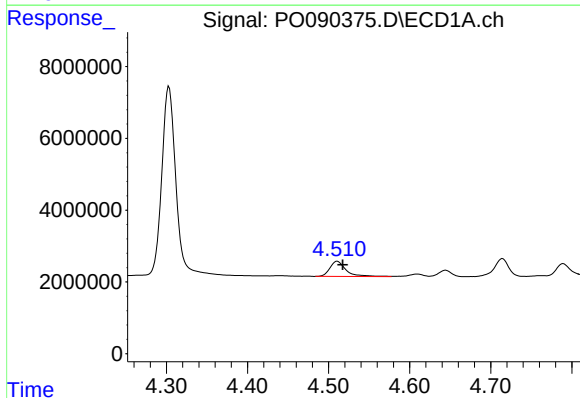
R.T.: 5.918 min
Delta R.T.: -0.044 min
Response: 915603
Conc: 11.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



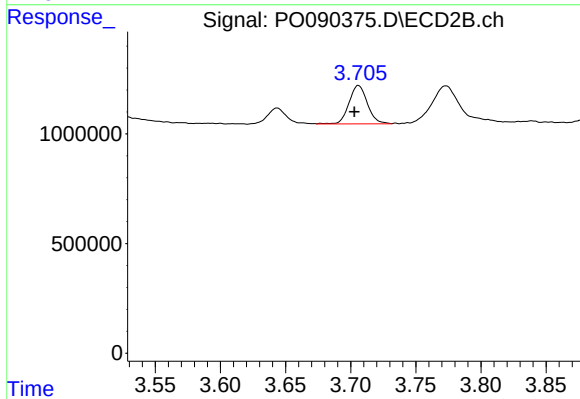
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: -0.061 min
Response: 224296
Conc: 7.30 ng/ml



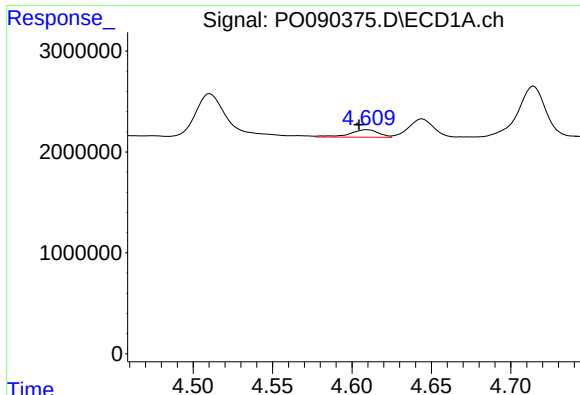
#8 AR-1221-1

R.T.: 4.511 min
Delta R.T.: -0.007 min
Response: 5901128
Conc: 154.60 ng/ml



#8 AR-1221-1

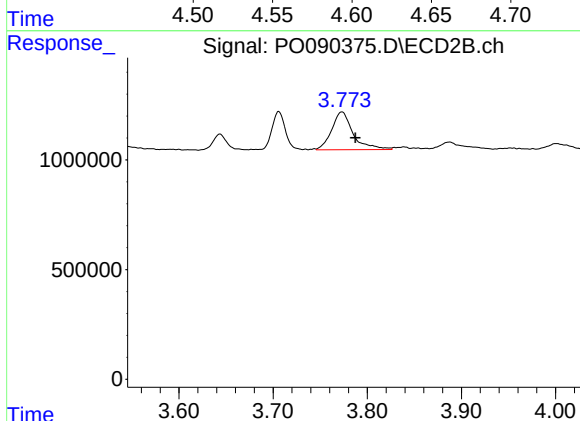
R.T.: 3.706 min
Delta R.T.: 0.003 min
Response: 1729735
Conc: 129.47 ng/ml



#9 AR-1221-2

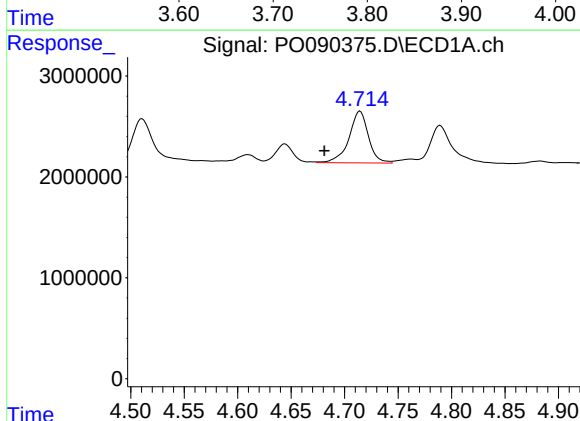
R.T.: 4.610 min
Delta R.T.: 0.005 min
Response: 942642
Conc: 33.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



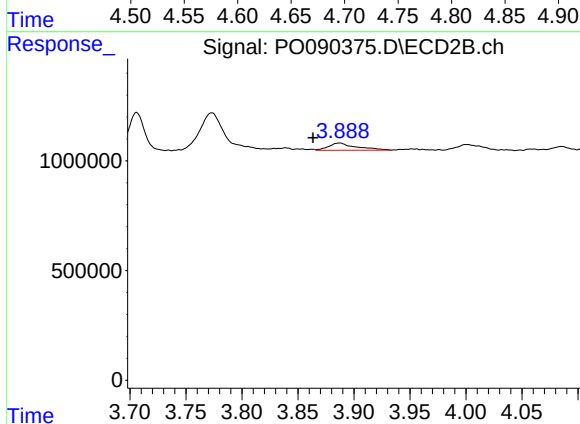
#9 AR-1221-2

R.T.: 3.773 min
Delta R.T.: -0.014 min
Response: 2733202
Conc: 269.31 ng/ml



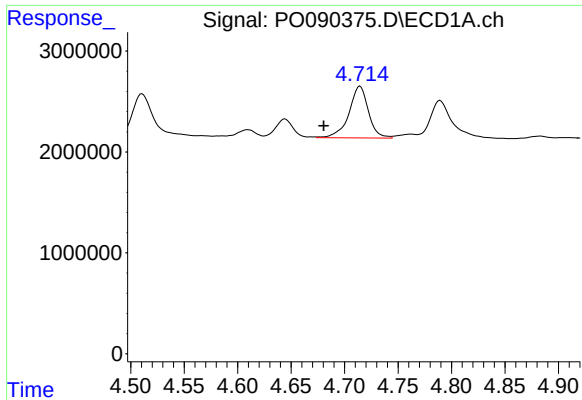
#10 AR-1221-3

R.T.: 4.714 min
Delta R.T.: 0.033 min
Response: 6479381
Conc: 75.67 ng/ml



#10 AR-1221-3

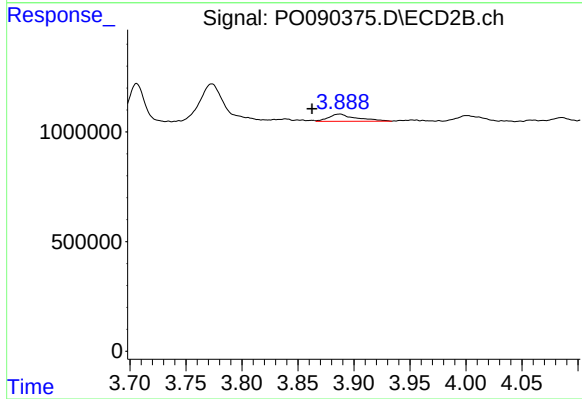
R.T.: 3.888 min
Delta R.T.: 0.024 min
Response: 570769
Conc: 18.35 ng/ml



#11 AR-1232-1

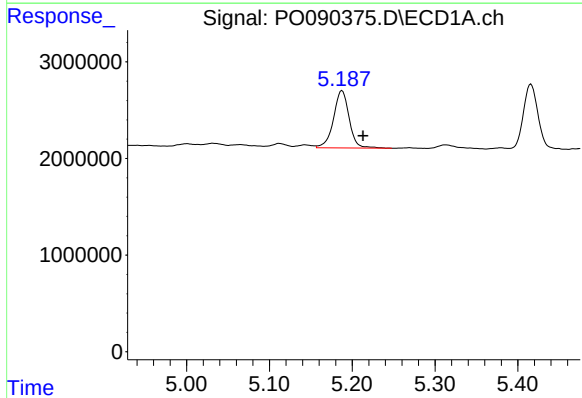
R.T.: 4.714 min
Delta R.T.: 0.034 min
Response: 6479381
Conc: 98.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



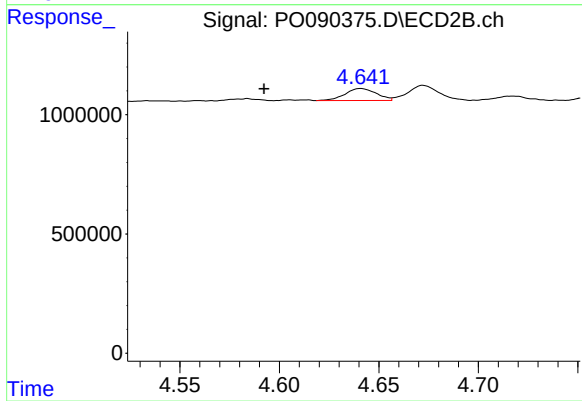
#11 AR-1232-1

R.T.: 3.888 min
Delta R.T.: 0.025 min
Response: 570769
Conc: 23.99 ng/ml



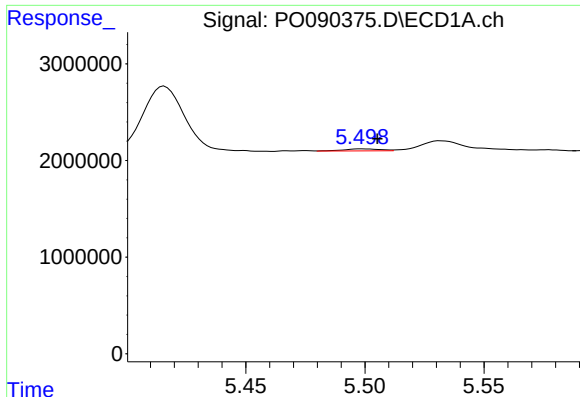
#12 AR-1232-2

R.T.: 5.188 min
Delta R.T.: -0.025 min
Response: 7797735
Conc: 202.84 ng/ml



#12 AR-1232-2

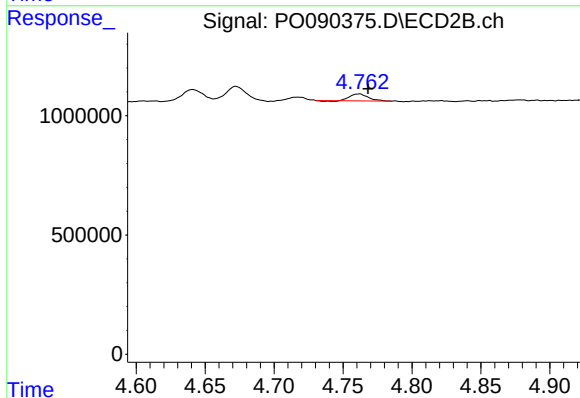
R.T.: 4.641 min
Delta R.T.: 0.049 min
Response: 555894
Conc: 23.20 ng/ml



#13 AR-1232-3

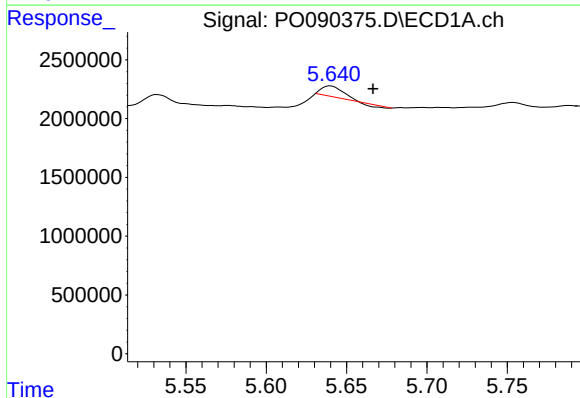
R.T.: 5.499 min
Delta R.T.: -0.006 min
Response: 222141
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



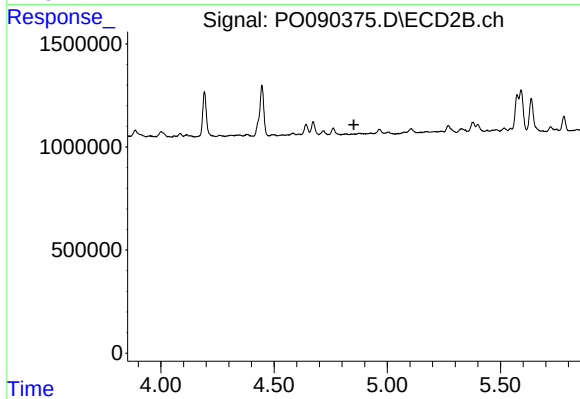
#13 AR-1232-3

R.T.: 4.762 min
Delta R.T.: -0.006 min
Response: 253500
Conc: 19.96 ng/ml



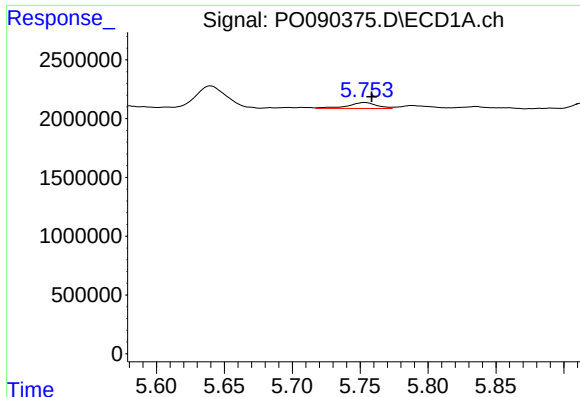
#14 AR-1232-4

R.T.: 5.640 min
Delta R.T.: -0.026 min
Response: 716691
Conc: 21.71 ng/ml



#14 AR-1232-4

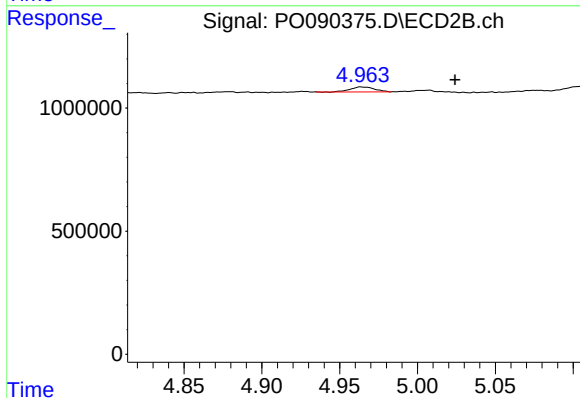
R.T.: 0.000 min
Exp R.T.: 4.853 min
Response: 0
Conc: N.D.



#15 AR-1232-5

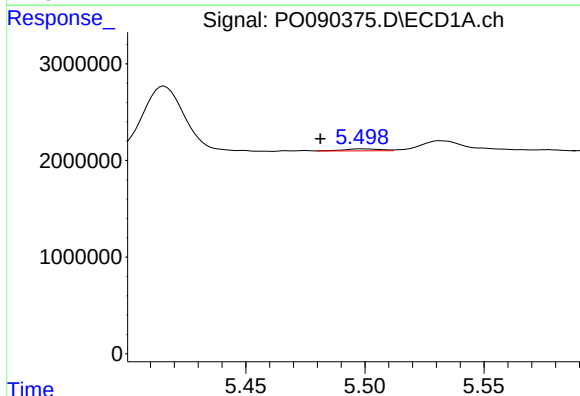
R.T.: 5.753 min
Delta R.T.: -0.005 min
Response: 737690
Conc: 27.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



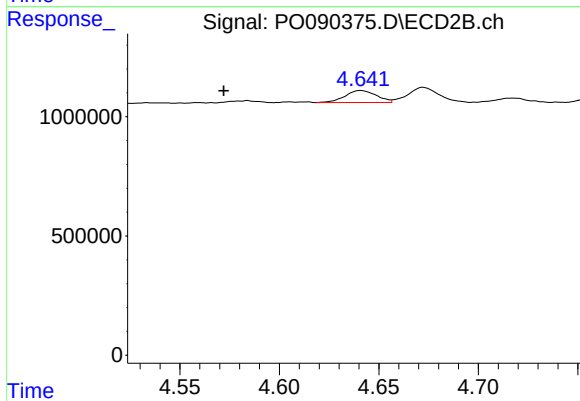
#15 AR-1232-5

R.T.: 4.964 min
Delta R.T.: -0.061 min
Response: 224296
Conc: 16.80 ng/ml



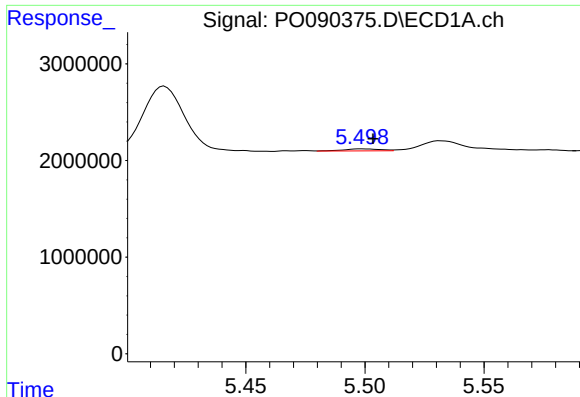
#16 AR-1242-1

R.T.: 5.499 min
Delta R.T.: 0.018 min
Response: 222141
Conc: 2.68 ng/ml



#16 AR-1242-1

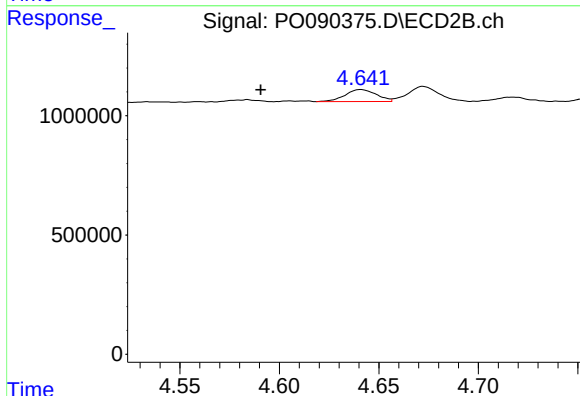
R.T.: 4.641 min
Delta R.T.: 0.069 min
Response: 555894
Conc: 18.67 ng/ml



#17 AR-1242-2

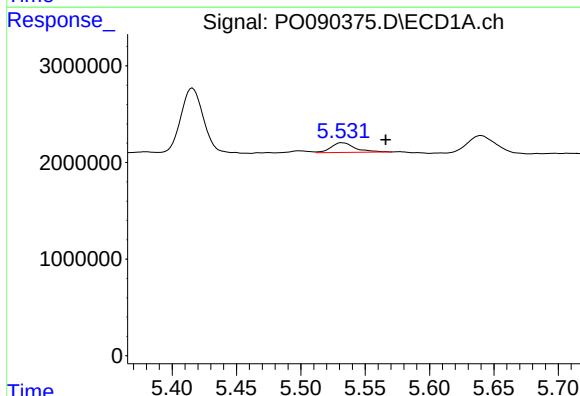
R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 222141
Conc: 1.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



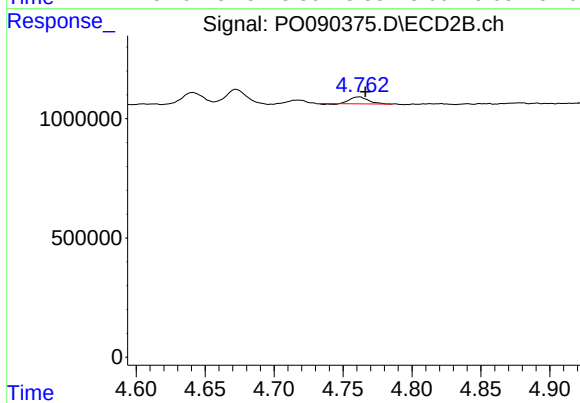
#17 AR-1242-2

R.T.: 4.641 min
Delta R.T.: 0.050 min
Response: 555894
Conc: 13.67 ng/ml



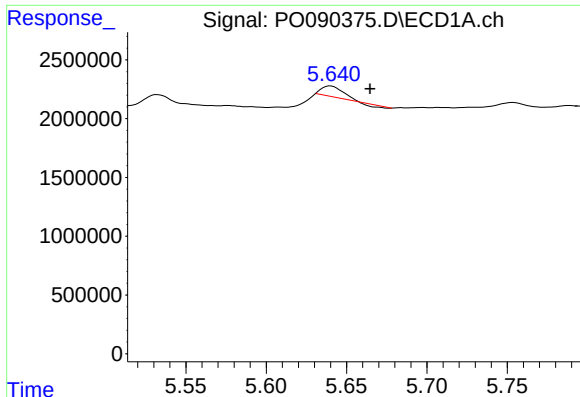
#18 AR-1242-3

R.T.: 5.532 min
Delta R.T.: -0.034 min
Response: 1280720
Conc: 17.21 ng/ml



#18 AR-1242-3

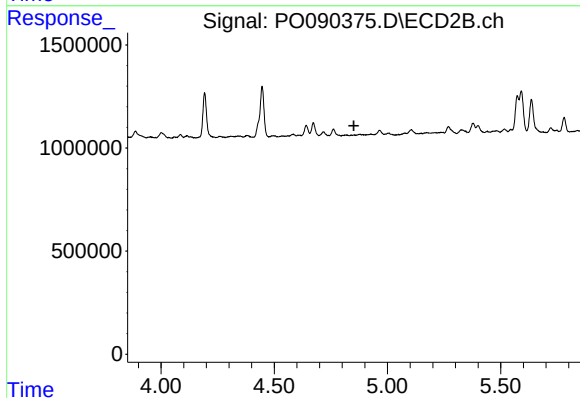
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 253500
Conc: 11.46 ng/ml



#19 AR-1242-4

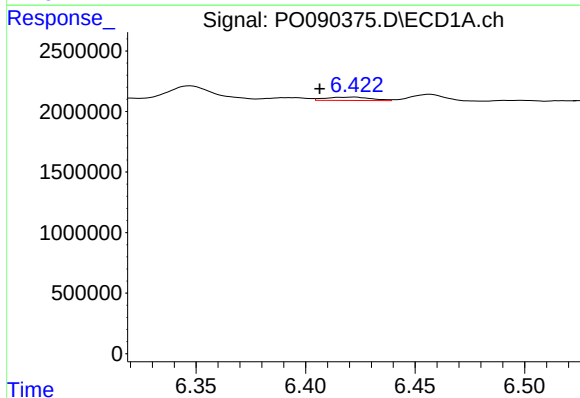
R.T.: 5.640 min
Delta R.T.: -0.025 min
Response: 716691
Conc: 12.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



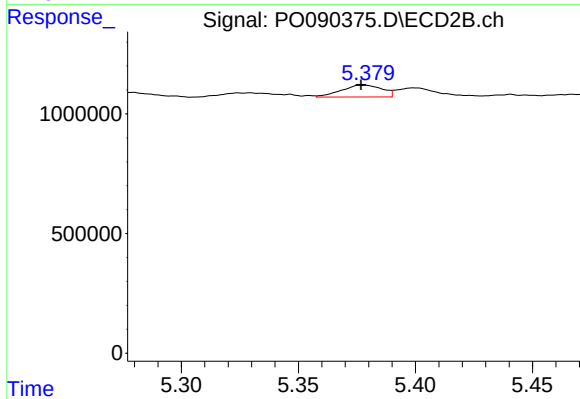
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



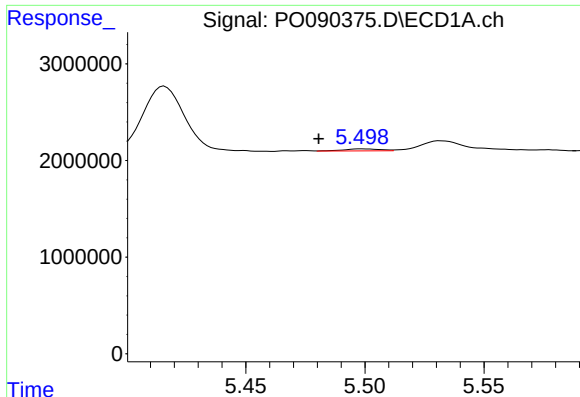
#20 AR-1242-5

R.T.: 6.422 min
Delta R.T.: 0.016 min
Response: 396636
Conc: 6.45 ng/ml



#20 AR-1242-5

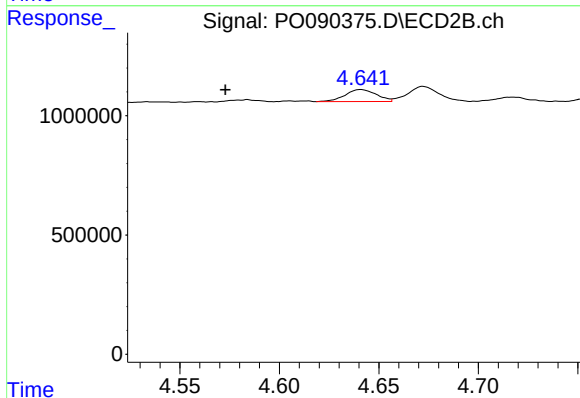
R.T.: 5.379 min
Delta R.T.: 0.002 min
Response: 598563
Conc: 20.93 ng/ml



#21 AR-1248-1

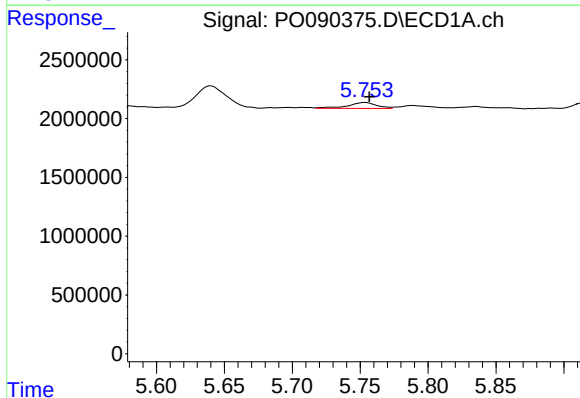
R.T.: 5.499 min
Delta R.T.: 0.018 min
Response: 222141
Conc: 3.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



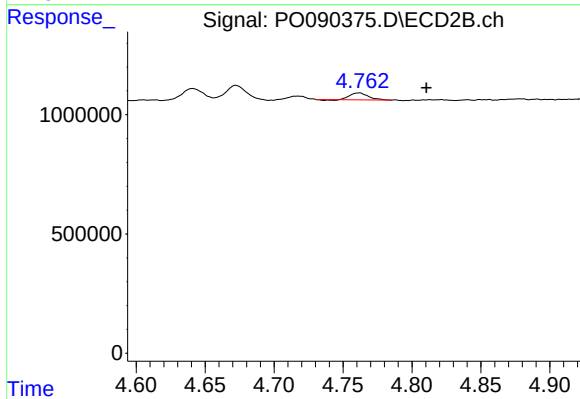
#21 AR-1248-1

R.T.: 4.641 min
Delta R.T.: 0.068 min
Response: 555894
Conc: 24.49 ng/ml



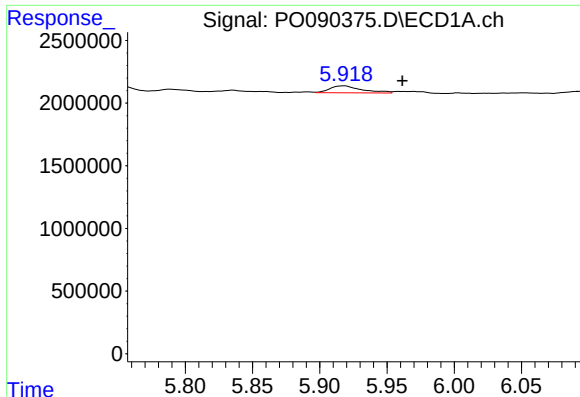
#22 AR-1248-2

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 737690
Conc: 7.79 ng/ml



#22 AR-1248-2

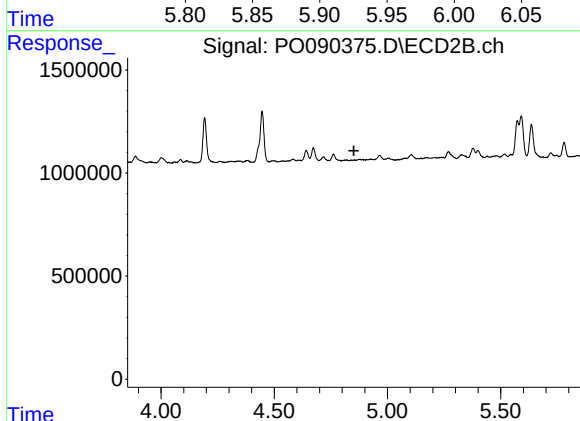
R.T.: 4.762 min
Delta R.T.: -0.049 min
Response: 253500
Conc: 7.80 ng/ml



#23 AR-1248-3

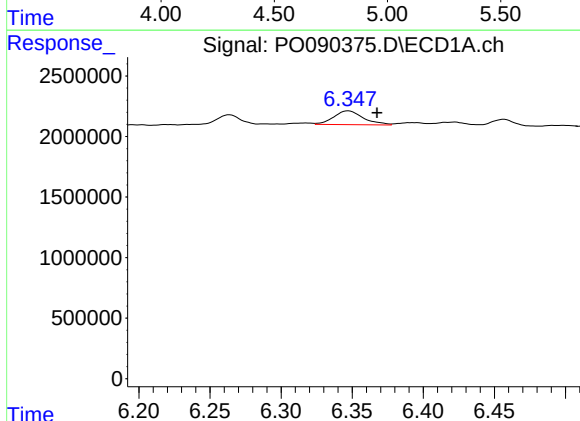
R.T.: 5.918 min
Delta R.T.: -0.043 min
Response: 915603
Conc: 9.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



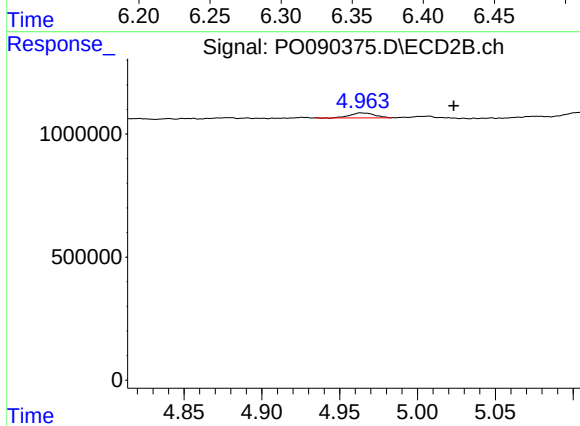
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.852 min
Response: 0
Conc: N.D.



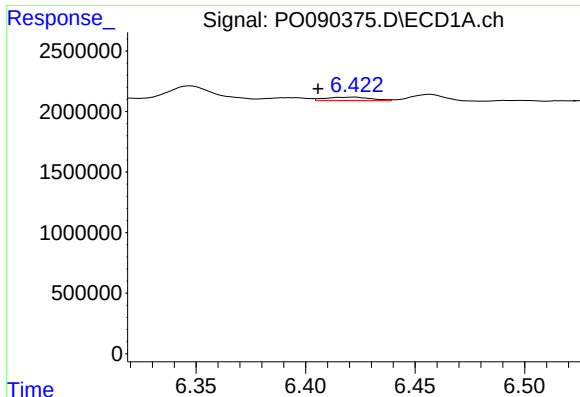
#24 AR-1248-4

R.T.: 6.347 min
Delta R.T.: -0.020 min
Response: 1648729
Conc: 15.46 ng/ml



#24 AR-1248-4

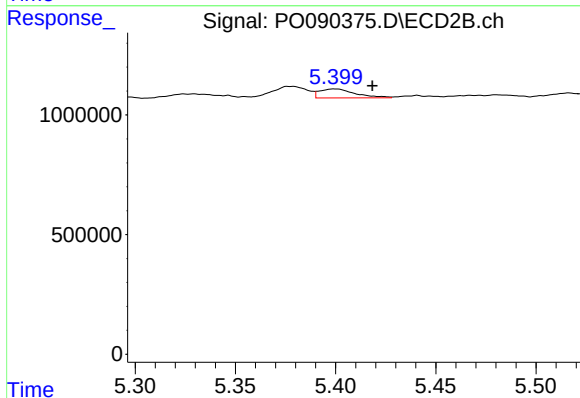
R.T.: 4.964 min
Delta R.T.: -0.060 min
Response: 224296
Conc: 5.80 ng/ml



#25 AR-1248-5

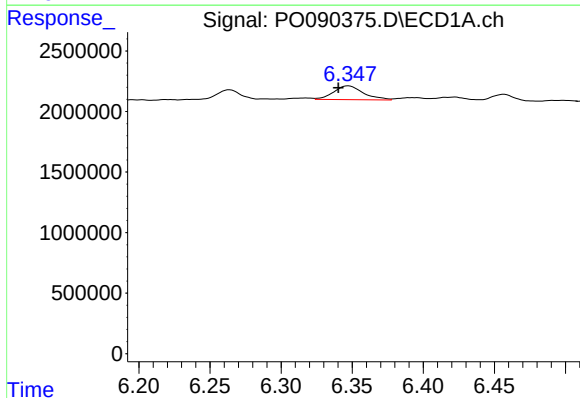
R.T.: 6.422 min
Delta R.T.: 0.017 min
Response: 396636
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



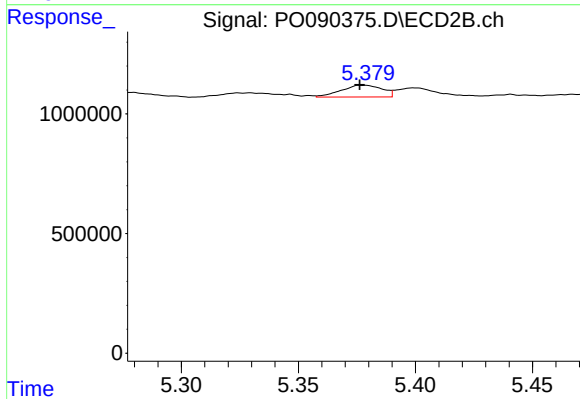
#25 AR-1248-5

R.T.: 5.400 min
Delta R.T.: -0.019 min
Response: 467431
Conc: 12.91 ng/ml



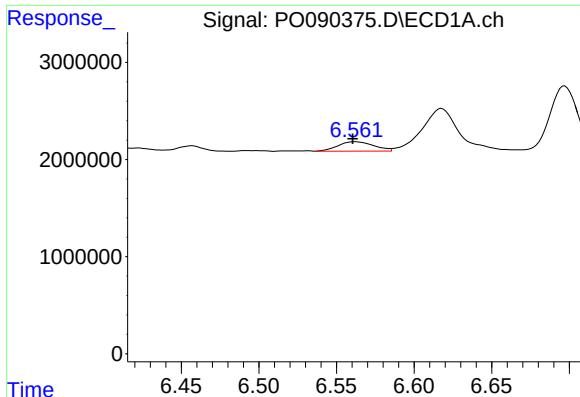
#26 AR-1254-1

R.T.: 6.347 min
Delta R.T.: 0.007 min
Response: 1648729
Conc: 14.23 ng/ml



#26 AR-1254-1

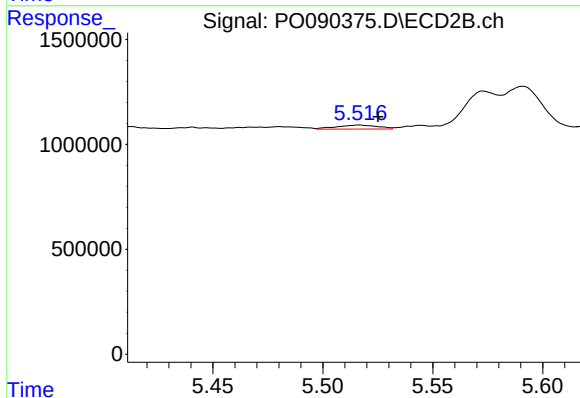
R.T.: 5.379 min
Delta R.T.: 0.003 min
Response: 598563
Conc: 10.16 ng/ml



#27 AR-1254-2

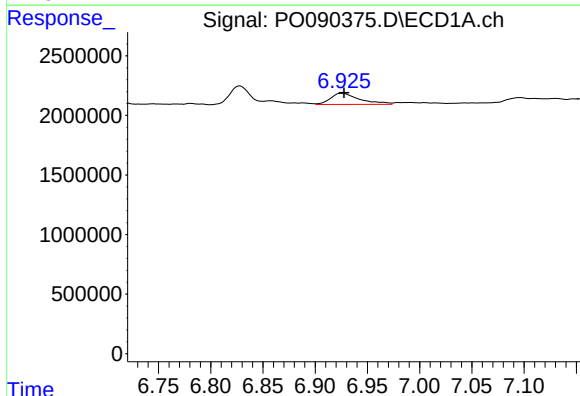
R.T.: 6.562 min
Delta R.T.: 0.001 min
Response: 1556469
Conc: 8.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



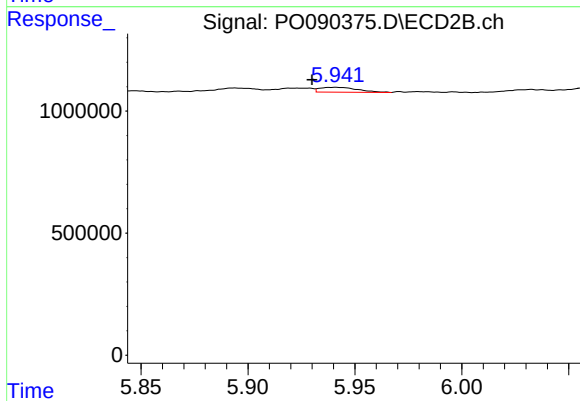
#27 AR-1254-2

R.T.: 5.516 min
Delta R.T.: -0.009 min
Response: 247105
Conc: 4.61 ng/ml



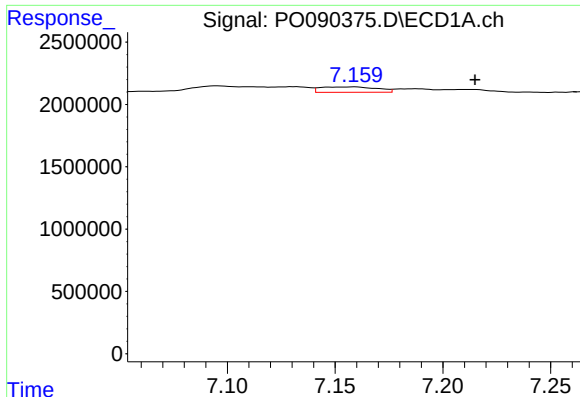
#28 AR-1254-3

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 1801773
Conc: 10.38 ng/ml



#28 AR-1254-3

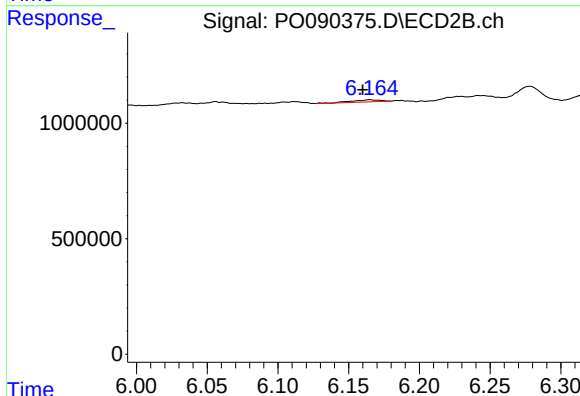
R.T.: 5.941 min
Delta R.T.: 0.011 min
Response: 245843
Conc: 2.97 ng/ml



#29 AR-1254-4

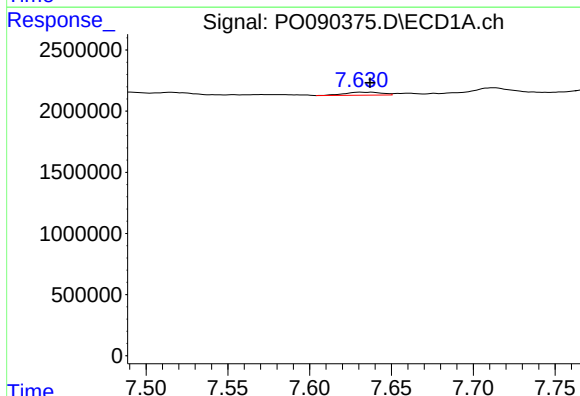
R.T.: 7.159 min
Delta R.T.: -0.056 min
Response: 785503
Conc: 6.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



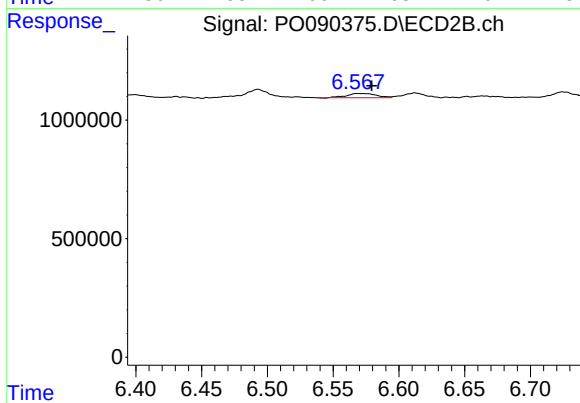
#29 AR-1254-4

R.T.: 6.165 min
Delta R.T.: 0.005 min
Response: 120959
Conc: 2.44 ng/ml



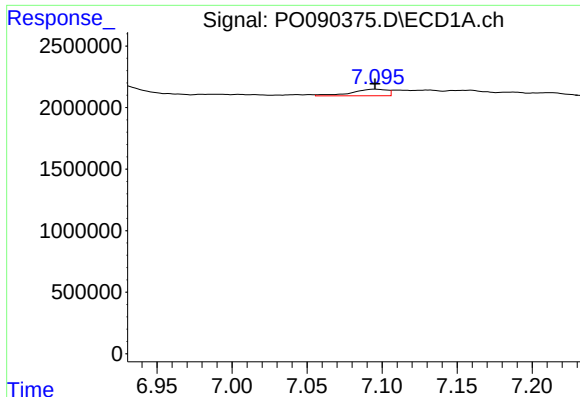
#30 AR-1254-5

R.T.: 7.631 min
Delta R.T.: -0.006 min
Response: 383425
Conc: 2.72 ng/ml



#30 AR-1254-5

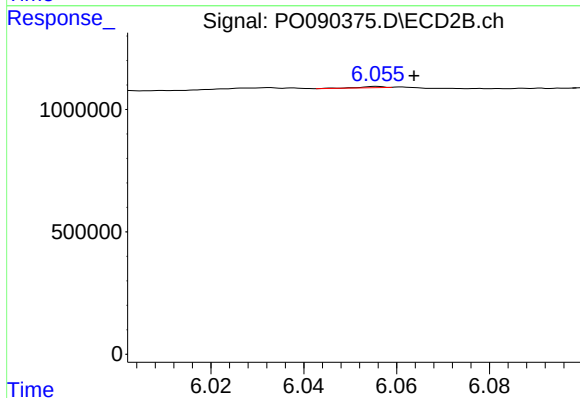
R.T.: 6.568 min
Delta R.T.: -0.012 min
Response: 275582
Conc: 3.68 ng/ml



#31 AR-1260-1

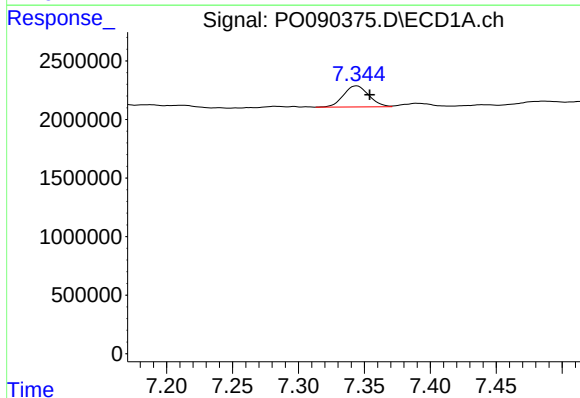
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 868714
Conc: 6.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



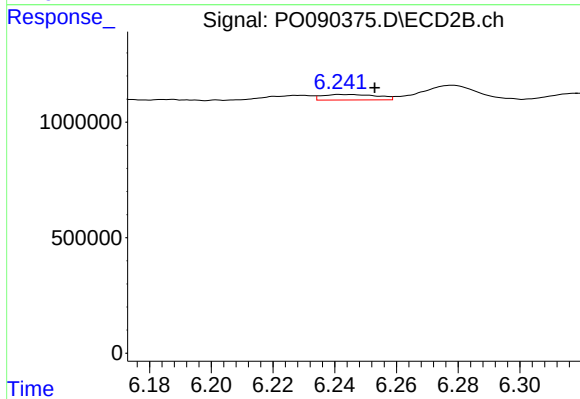
#31 AR-1260-1

R.T.: 6.056 min
Delta R.T.: -0.008 min
Response: 17918
Conc: 0.30 ng/ml



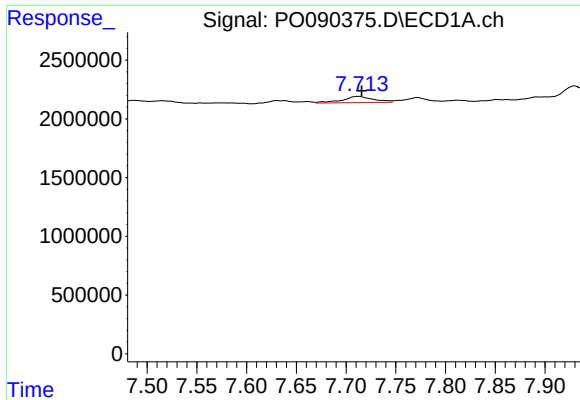
#32 AR-1260-2

R.T.: 7.344 min
Delta R.T.: -0.010 min
Response: 2427813
Conc: 15.01 ng/ml



#32 AR-1260-2

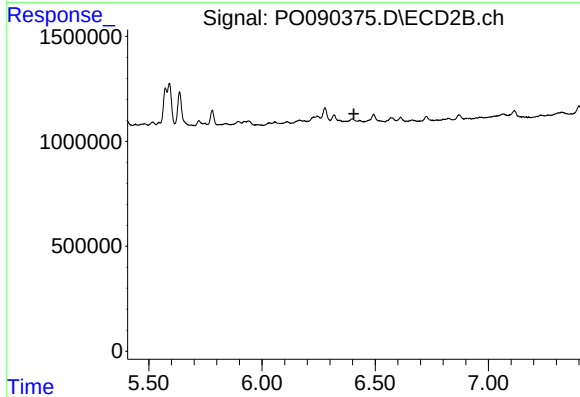
R.T.: 6.242 min
Delta R.T.: -0.011 min
Response: 301439
Conc: 4.17 ng/ml



#33 AR-1260-3

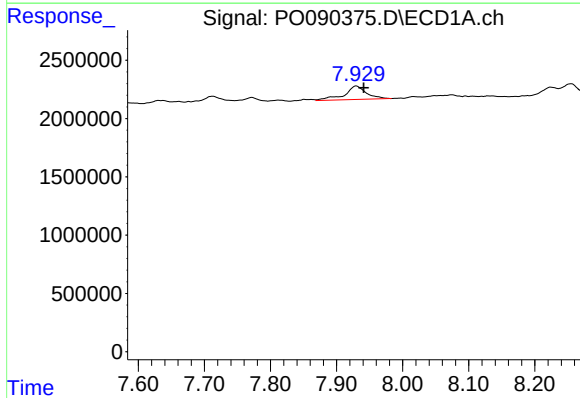
R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 1142257
Conc: 10.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



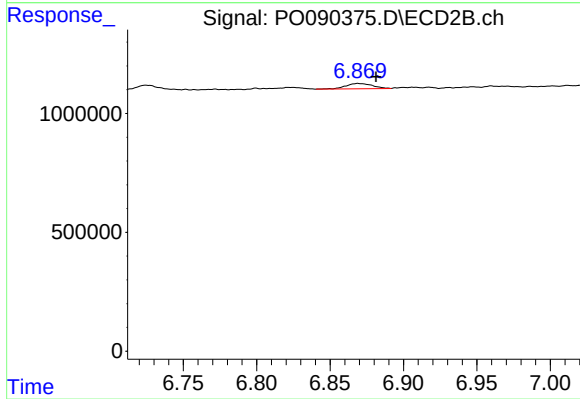
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.406 min
Response: 0
Conc: N.D.



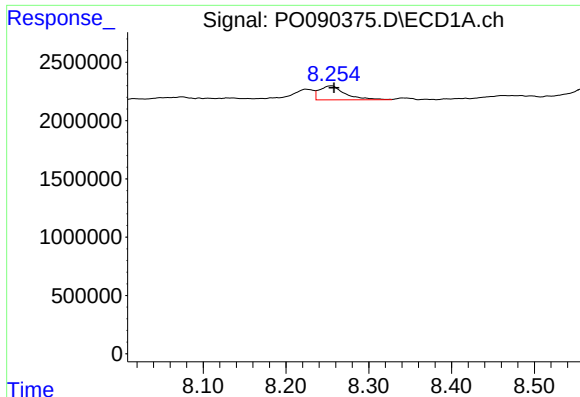
#34 AR-1260-4

R.T.: 7.930 min
Delta R.T.: -0.012 min
Response: 2665372
Conc: 21.57 ng/ml



#34 AR-1260-4

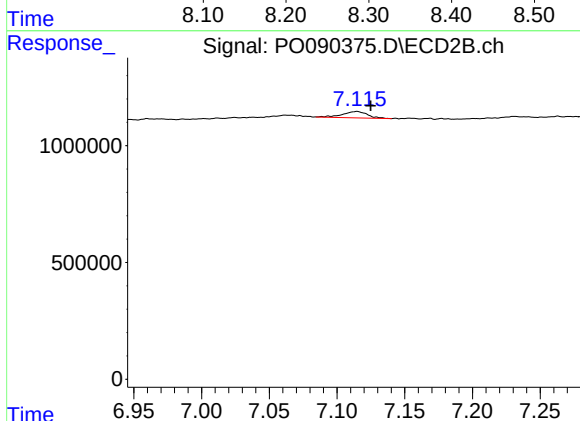
R.T.: 6.869 min
Delta R.T.: -0.012 min
Response: 279524
Conc: 5.49 ng/ml



#35 AR-1260-5

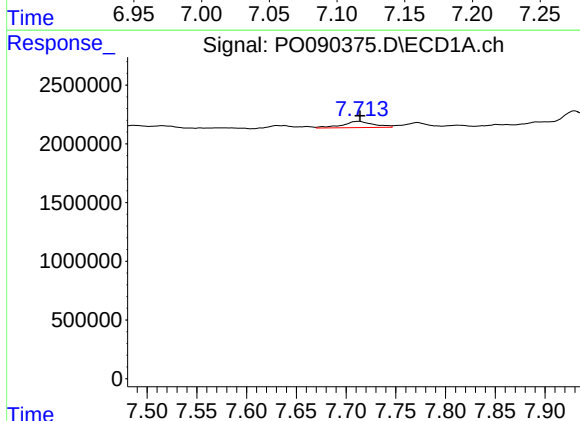
R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 2582569
Conc: 11.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



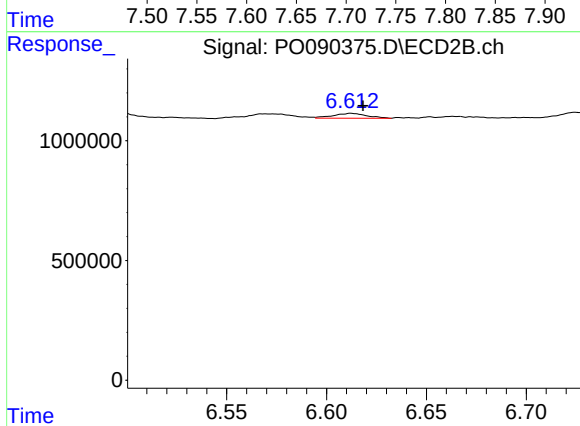
#35 AR-1260-5

R.T.: 7.115 min
Delta R.T.: -0.010 min
Response: 351128
Conc: 3.02 ng/ml



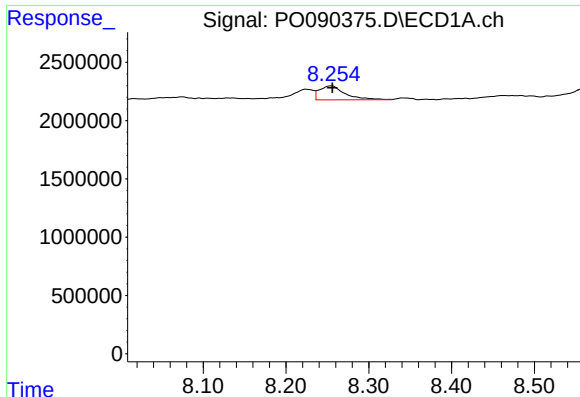
#36 AR-1262-1

R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 1142257
Conc: 6.89 ng/ml



#36 AR-1262-1

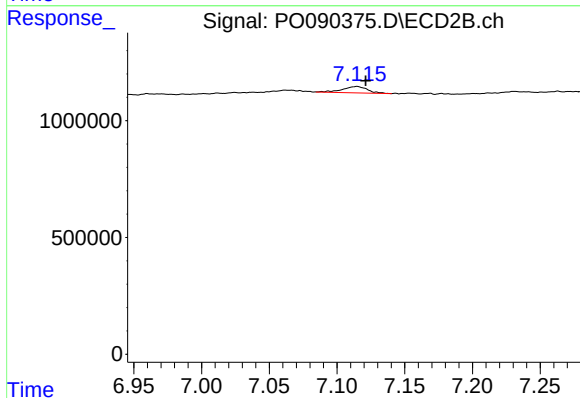
R.T.: 6.612 min
Delta R.T.: -0.006 min
Response: 236401
Conc: 3.12 ng/ml



#37 AR-1262-2

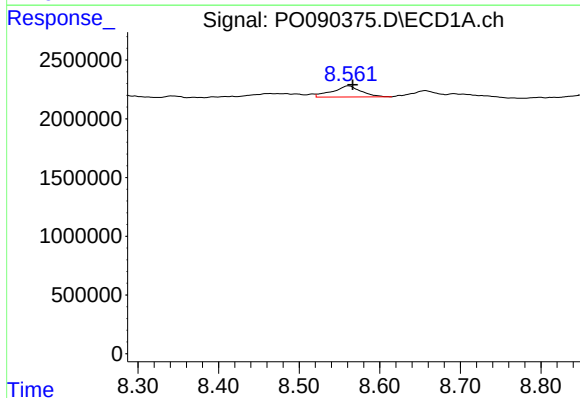
R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 2582569
Conc: 9.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



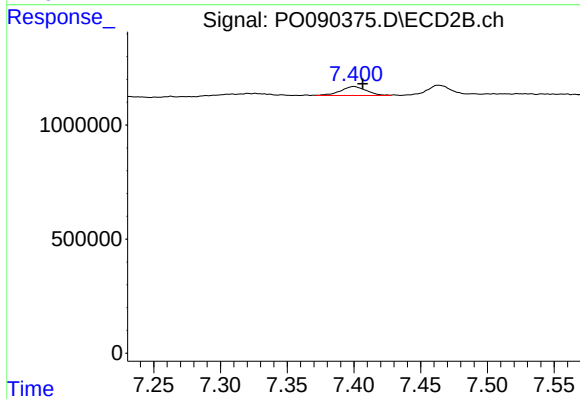
#37 AR-1262-2

R.T.: 7.115 min
Delta R.T.: -0.006 min
Response: 351128
Conc: 2.74 ng/ml



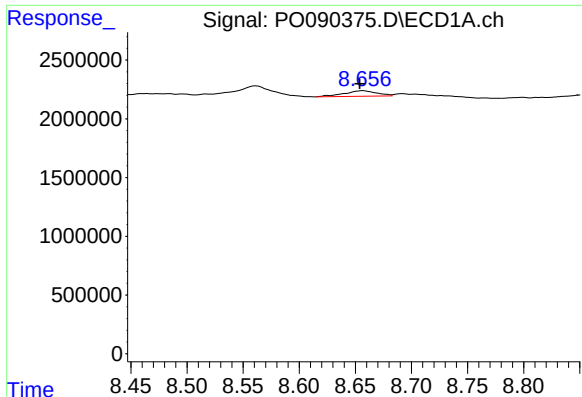
#38 AR-1262-3

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 2333360
Conc: 11.88 ng/ml



#38 AR-1262-3

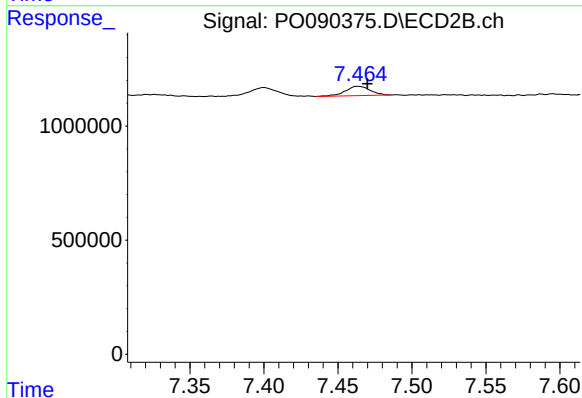
R.T.: 7.400 min
Delta R.T.: -0.007 min
Response: 521585
Conc: 9.58 ng/ml



#39 AR-1262-4

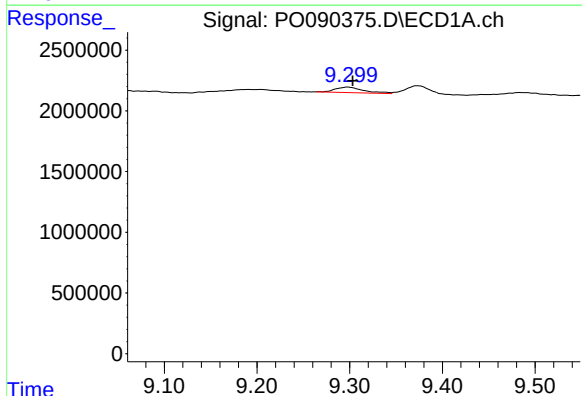
R.T.: 8.657 min
Delta R.T.: 0.003 min
Response: 964289
Conc: 9.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



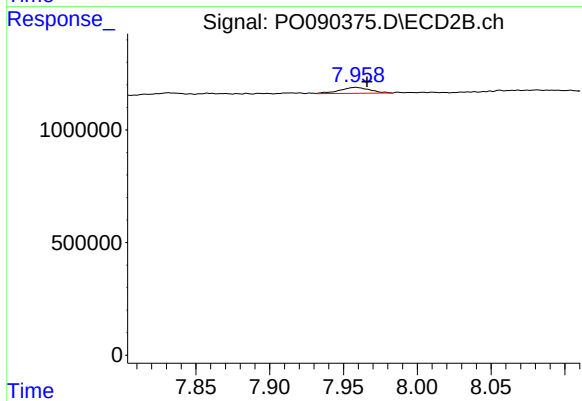
#39 AR-1262-4

R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 472533
Conc: 4.87 ng/ml



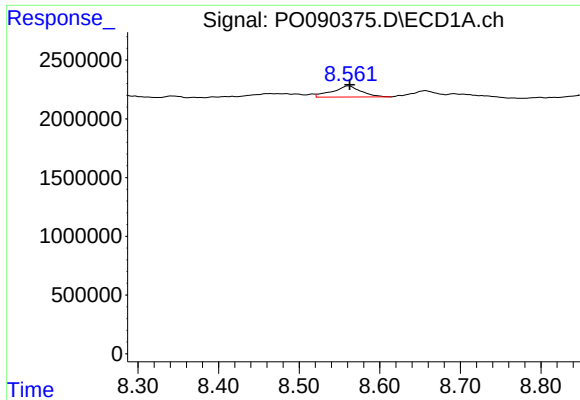
#40 AR-1262-5

R.T.: 9.298 min
Delta R.T.: -0.005 min
Response: 977861
Conc: 9.28 ng/ml



#40 AR-1262-5

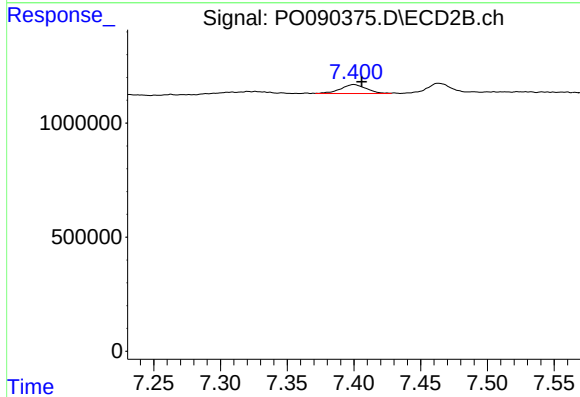
R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 379626
Conc: 8.00 ng/ml



#41 AR-1268-1

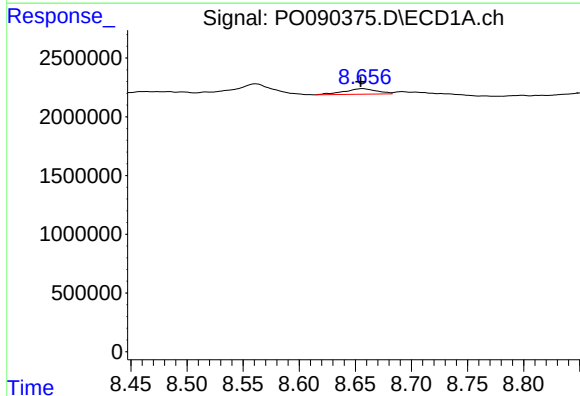
R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 2333360
Conc: 6.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



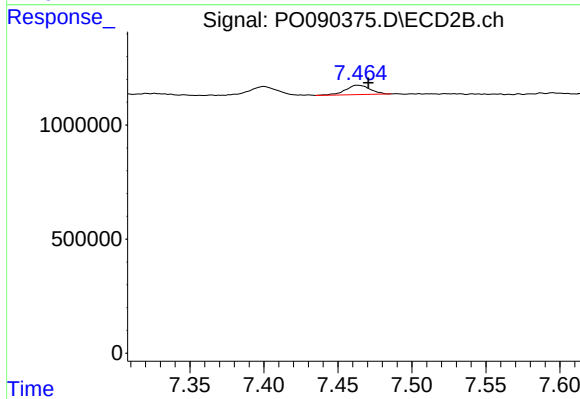
#41 AR-1268-1

R.T.: 7.400 min
Delta R.T.: -0.006 min
Response: 521585
Conc: 3.31 ng/ml



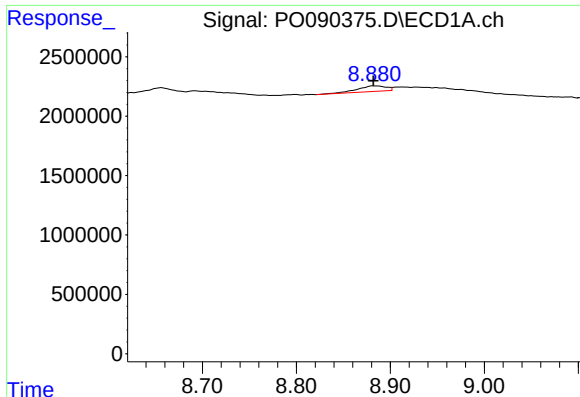
#42 AR-1268-2

R.T.: 8.657 min
Delta R.T.: 0.002 min
Response: 964289
Conc: 3.09 ng/ml



#42 AR-1268-2

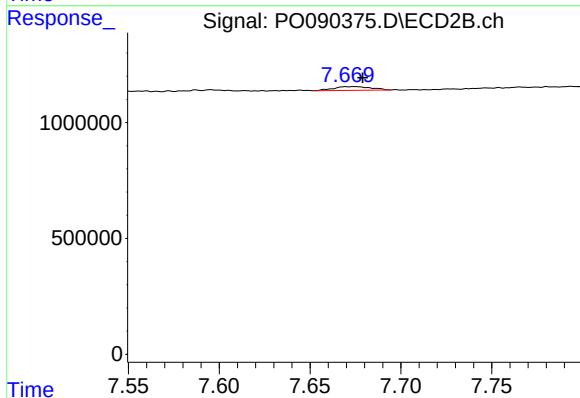
R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 472533
Conc: 3.37 ng/ml



#43 AR-1268-3

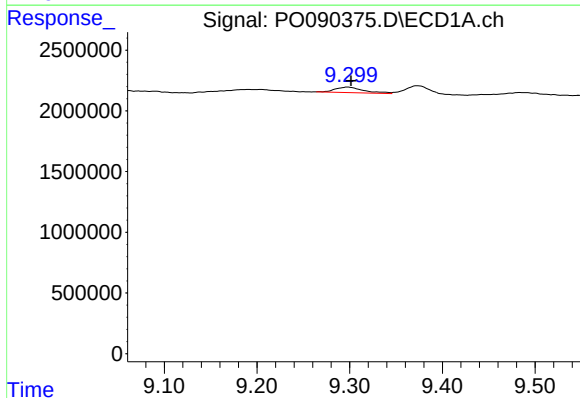
R.T.: 8.881 min
Delta R.T.: 0.000 min
Response: 987051
Conc: 3.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



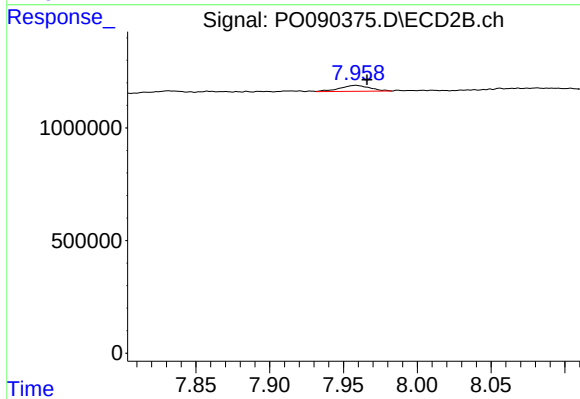
#43 AR-1268-3

R.T.: 7.670 min
Delta R.T.: -0.009 min
Response: 227548
Conc: 1.90 ng/ml



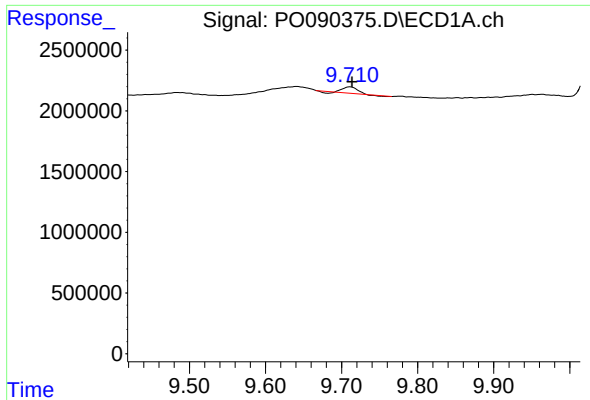
#44 AR-1268-4

R.T.: 9.298 min
Delta R.T.: -0.004 min
Response: 977861
Conc: 8.39 ng/ml



#44 AR-1268-4

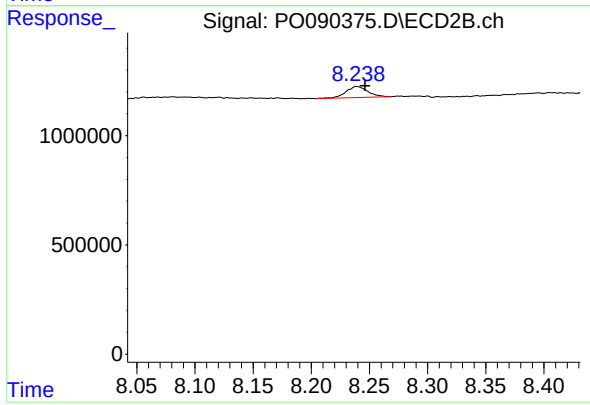
R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 379626
Conc: 6.99 ng/ml



#45 AR-1268-5

R.T.: 9.711 min
Delta R.T.: -0.003 min
Response: 590528
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-11



#45 AR-1268-5

R.T.: 8.239 min
Delta R.T.: -0.007 min
Response: 665292
Conc: 1.90 ng/ml