

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061825\
 Data File : P0111674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jun 2025 09:12
 Operator : YP/AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 01:30:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 12 06:25:26 2025
 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...	3.676	3.674	48301	19082	0.008	0.003 #
2)	SA Decachlor...	8.679	8.651	30334	103866	0.006	0.058 #
Target Compounds							
3)	L1 AR-1016-1	4.761	4.754	4521166	222007	18.952	1.128 #
4)	L1 AR-1016-2	4.761	4.759	4521166	368110	13.588	1.292 #
5)	L1 AR-1016-3	4.835	4.939	1947431	454673	8.462	3.026 #
6)	L1 AR-1016-4	4.957	4.999	3755833	902988	20.251	7.414 #
7)	L1 AR-1016-5	5.237	5.185	14147922	4942652	75.802	31.047 #
8)	L2 AR-1221-1	3.887	3.874	91263	40483	1.048	0.542 #
9)	L2 AR-1221-2	3.975	3.969	255344	60090	3.979	1.074 #
10)	L2 AR-1221-3	4.053	4.040	186127	42233	0.954	0.246 #
11)	L3 AR-1232-1	4.053	4.040	186127	42233	1.227	0.318 #
12)	L3 AR-1232-2	4.545	4.759	1350333	368110	15.661	2.793 #
13)	L3 AR-1232-3	4.761	4.939	4521166	454673	27.758	6.578 #
14)	L3 AR-1232-4	4.964	5.031	1279380	620921	14.702	10.266 #
15)	L3 AR-1232-5	4.984	5.185	2560620	4942652	45.256	74.421 #
16)	L4 AR-1242-1	4.761	4.754	4521166	222007	22.444	1.364 #
17)	L4 AR-1242-2	4.761	4.759	4521166	368110	16.046	1.559 #
18)	L4 AR-1242-3	4.835	4.939	1947431	454673	9.795	3.620 #
19)	L4 AR-1242-4	4.957	5.031	3755833	620921	23.741	5.066 #
20)	L4 AR-1242-5	5.618	5.535	6704347	2972503	40.094	19.831 #
21)	L5 AR-1248-1	4.761	4.754	4521166	222007	28.036	1.666 #
22)	L5 AR-1248-2	4.984	4.999	2560620	902988	11.876	5.069 #
23)	L5 AR-1248-3	5.237	5.031	14147922	620921	52.450	3.278 #
24)	L5 AR-1248-4	5.572	5.185	3680090	4942652	9.205	21.648 #
25)	L5 AR-1248-5	5.618	5.602	6704347	1197504	23.875	5.499 #
26)	L6 AR-1254-1	5.572	5.535	3680090	2972503	8.658	9.203
27)	L6 AR-1254-2	5.729	5.713	4011735	1912478	10.570	6.847 #
28)	L6 AR-1254-3	6.126	6.111	814328	4819407	1.425	11.501 #
29)	L6 AR-1254-4	6.384	6.312	986479	602760	2.828	2.646
30)	L6 AR-1254-5	6.766	6.721	2458310	167123	4.800	0.513 #
31)	L7 AR-1260-1	6.255	6.234	1005511	3027990	2.830	12.068 #
32)	L7 AR-1260-2	6.423	6.425	5061183	65139	10.712	0.222 #
33)	L7 AR-1260-3	6.808	6.580	1059249	414617	2.494	1.552 #
34)	L7 AR-1260-4	7.062	7.047	3055459	39682	9.717	0.209 #
35)	L7 AR-1260-5	0.000	7.280	0	123811	N.D.	0.291 #
36)	L8 AR-1262-1	6.808	6.765	1059249	188036	1.737	0.557 #
37)	L8 AR-1262-2	0.000	7.280	0	123811	N.D.	0.266 #
38)	L8 AR-1262-3	7.597	7.567	3490304	481659	8.800	2.897 #
39)	L8 AR-1262-4	7.684	7.640	328048	46625	0.499	0.168 #
40)	L8 AR-1262-5	8.167	8.084f	377677	34272	1.240	0.337 #
41)	L9 AR-1268-1	7.597	7.567	3490304	481659	3.098	1.007 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061825\
Data File : P0111674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jun 2025 09:12
Operator : YP/AJ
Sample : HEXANE
Misc :
ALS Vial : 1 Sample Multiplier: 1

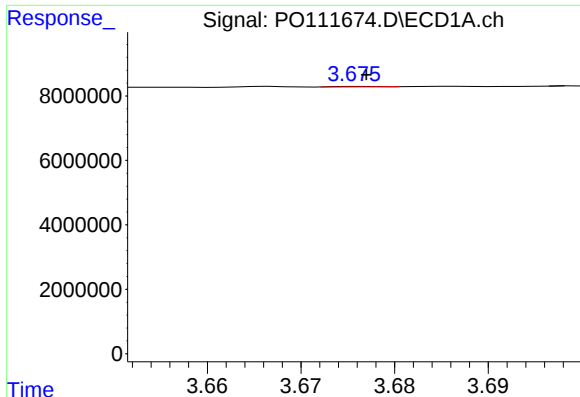
Instrument :
ECD_O
ClientSampleId :
HEXANE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 01:30:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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
42)	L9 AR-1268-2	7.684	7.640	328048	46625	0.336	0.112 #
43)	L9 AR-1268-3	7.907f	7.826	21507	167607	0.026	0.529 #
44)	L9 AR-1268-4	8.167	8.084f	377677	34272	1.098	0.296 #
45)	L9 AR-1268-5	8.455	8.410	256602	73977	0.116	0.102

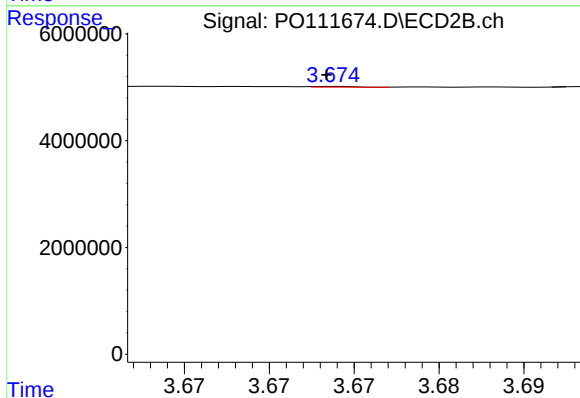
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

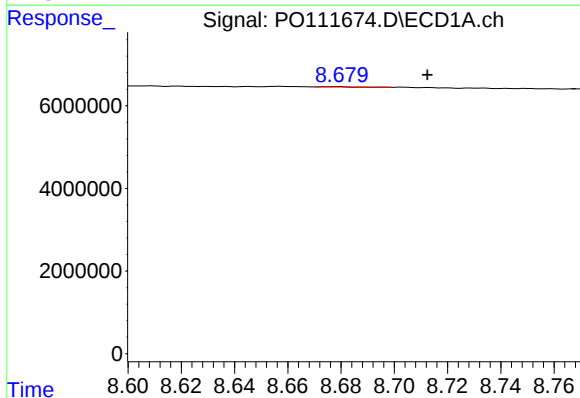
R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 48301
Conc: 0.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



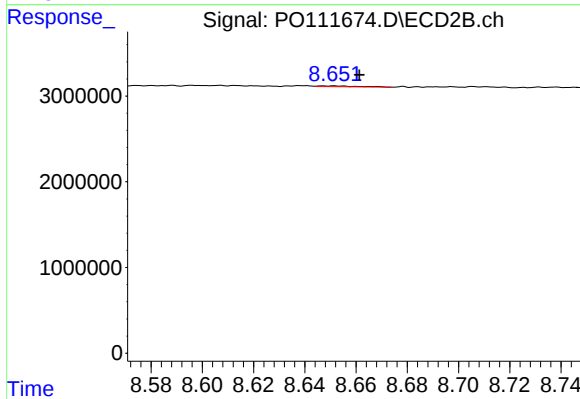
#1 Tetrachloro-m-xylene

R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 19082
Conc: 0.00 ng/ml



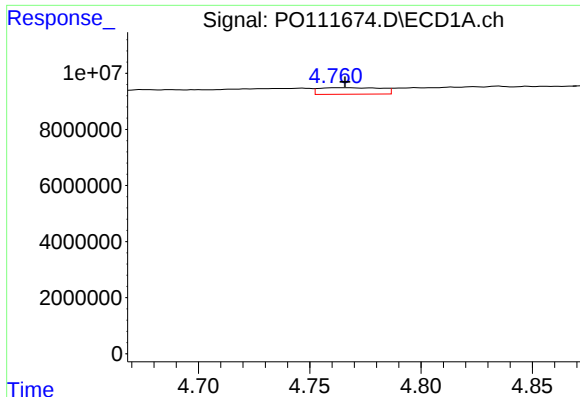
#2 Decachlorobiphenyl

R.T.: 8.679 min
Delta R.T.: -0.033 min
Response: 30334
Conc: 0.01 ng/ml



#2 Decachlorobiphenyl

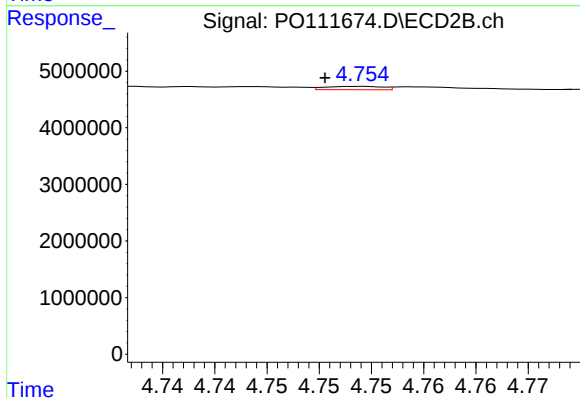
R.T.: 8.651 min
Delta R.T.: -0.010 min
Response: 103866
Conc: 0.06 ng/ml



#3 AR-1016-1

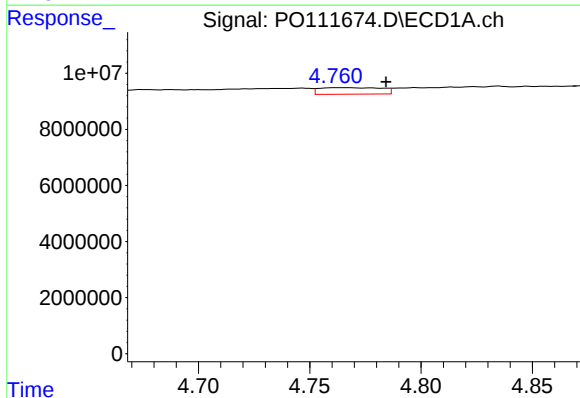
R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 4521166
Conc: 18.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



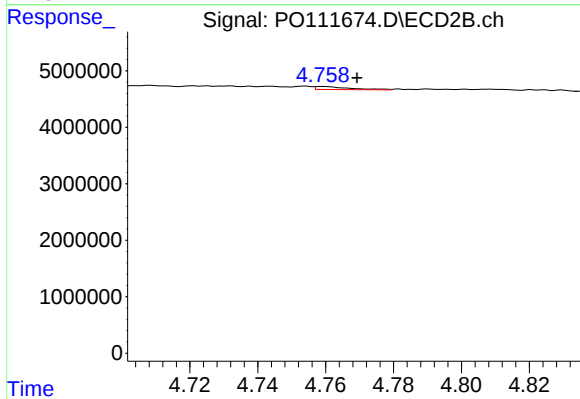
#3 AR-1016-1

R.T.: 4.754 min
Delta R.T.: 0.003 min
Response: 222007
Conc: 1.13 ng/ml



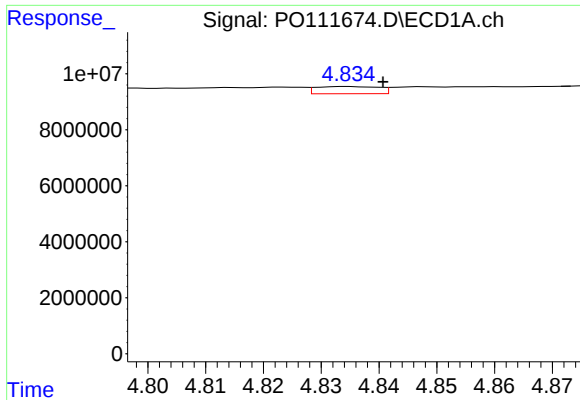
#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: -0.023 min
Response: 4521166
Conc: 13.59 ng/ml



#4 AR-1016-2

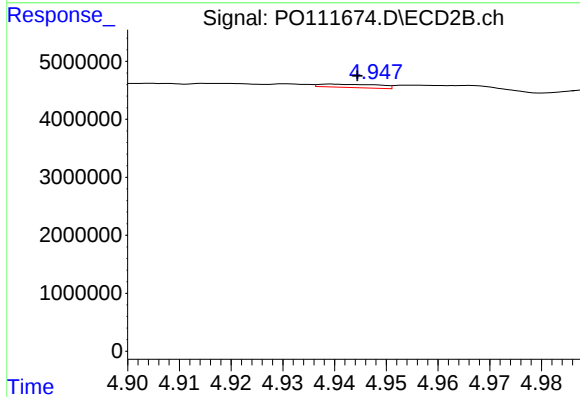
R.T.: 4.759 min
Delta R.T.: -0.010 min
Response: 368110
Conc: 1.29 ng/ml



#5 AR-1016-3

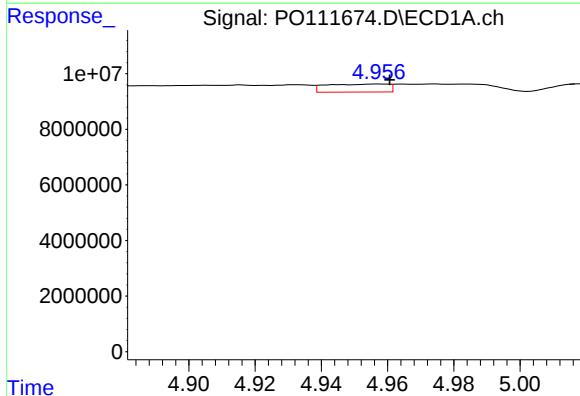
R.T.: 4.835 min
Delta R.T.: -0.006 min
Response: 1947431
Conc: 8.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



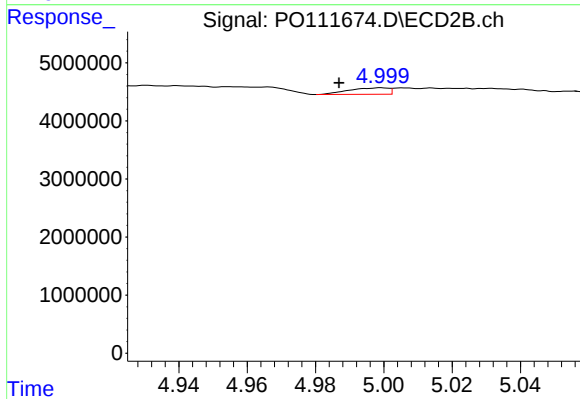
#5 AR-1016-3

R.T.: 4.939 min
Delta R.T.: -0.005 min
Response: 454673
Conc: 3.03 ng/ml



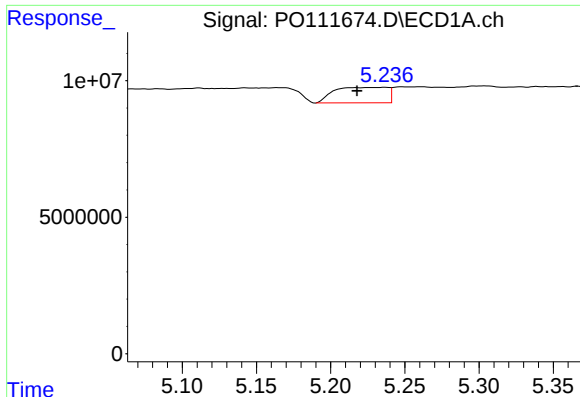
#6 AR-1016-4

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 3755833
Conc: 20.25 ng/ml



#6 AR-1016-4

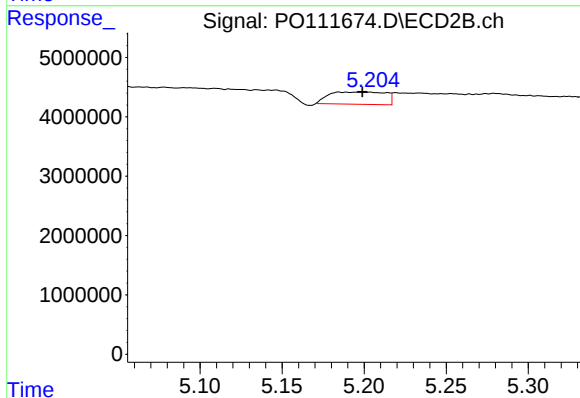
R.T.: 4.999 min
Delta R.T.: 0.012 min
Response: 902988
Conc: 7.41 ng/ml



#7 AR-1016-5

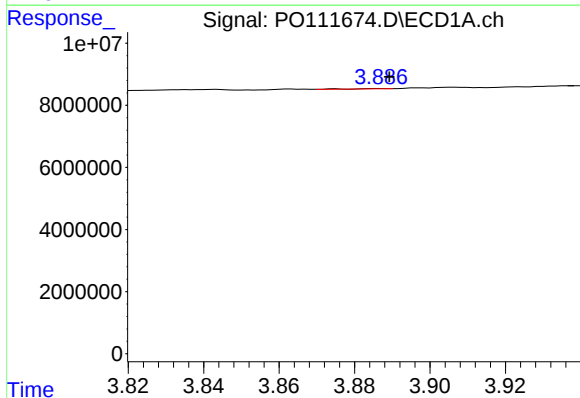
R.T.: 5.237 min
Delta R.T.: 0.019 min
Response: 14147922
Conc: 75.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



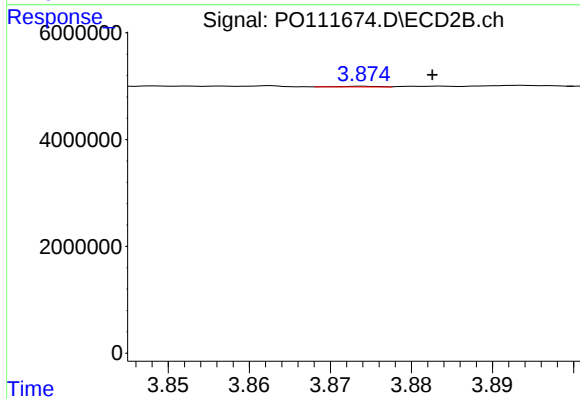
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: -0.014 min
Response: 4942652
Conc: 31.05 ng/ml



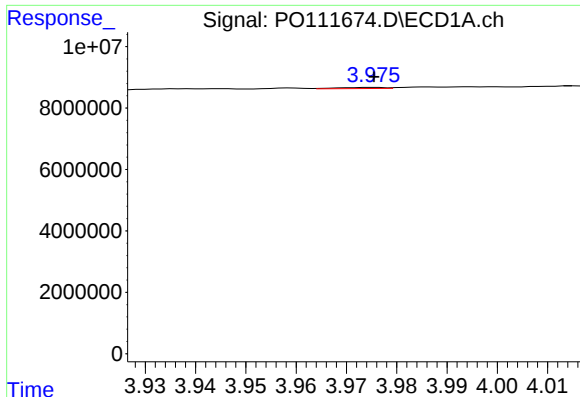
#8 AR-1221-1

R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 91263
Conc: 1.05 ng/ml



#8 AR-1221-1

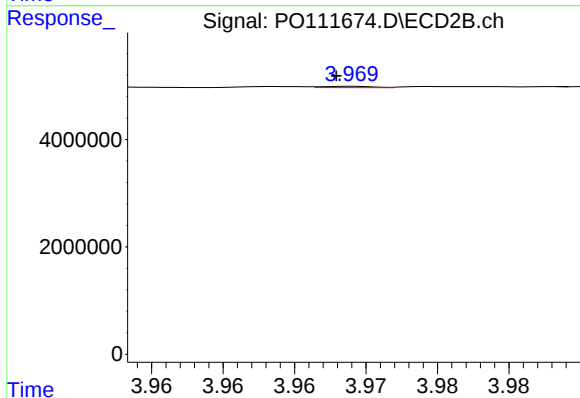
R.T.: 3.874 min
Delta R.T.: -0.009 min
Response: 40483
Conc: 0.54 ng/ml



#9 AR-1221-2

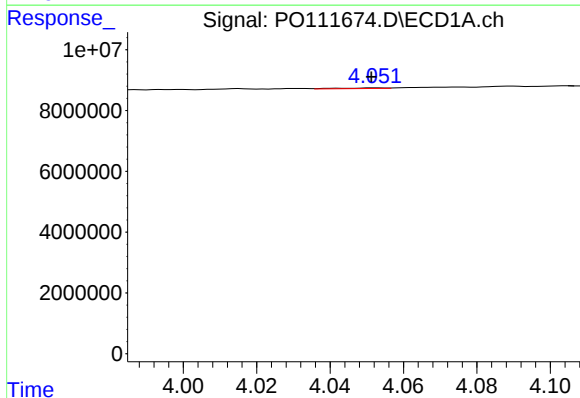
R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 255344
Conc: 3.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



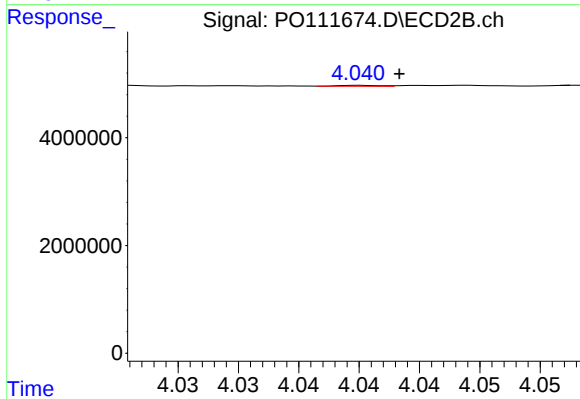
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: 0.001 min
Response: 60090
Conc: 1.07 ng/ml



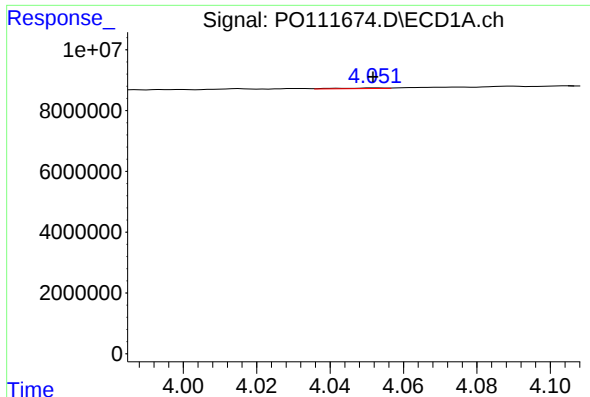
#10 AR-1221-3

R.T.: 4.053 min
Delta R.T.: 0.001 min
Response: 186127
Conc: 0.95 ng/ml



#10 AR-1221-3

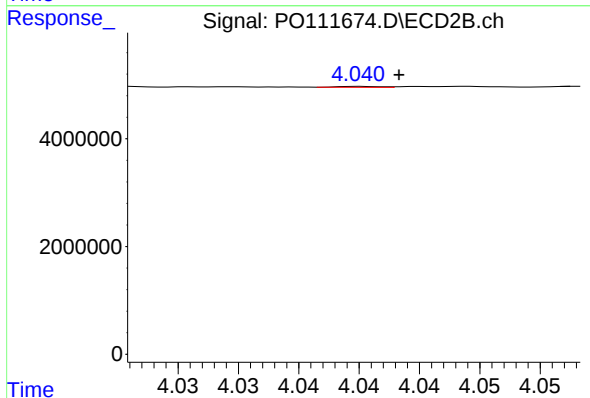
R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 42233
Conc: 0.25 ng/ml



#11 AR-1232-1

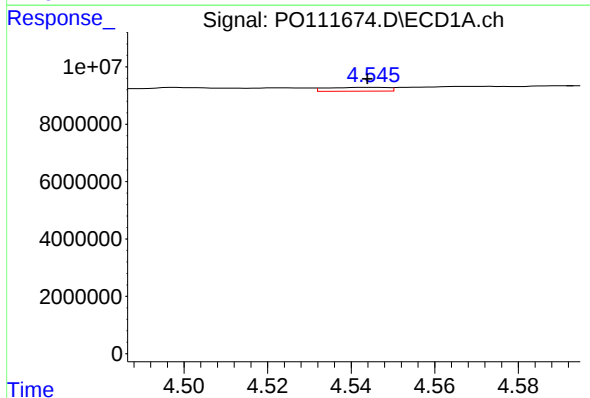
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 186127
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



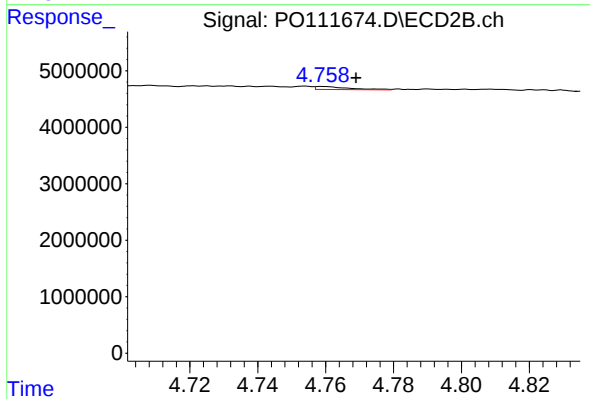
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 42233
Conc: 0.32 ng/ml



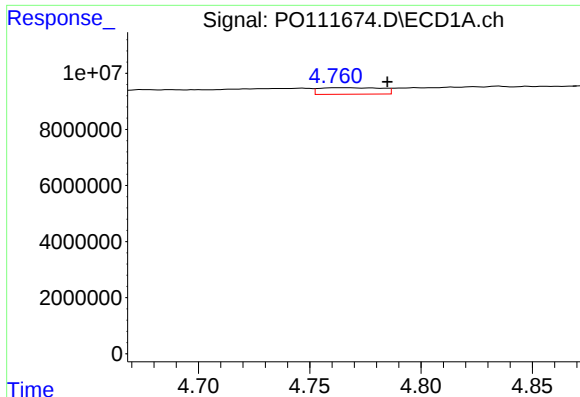
#12 AR-1232-2

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 1350333
Conc: 15.66 ng/ml



#12 AR-1232-2

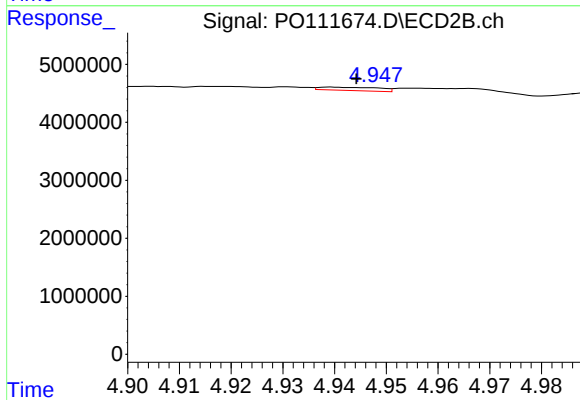
R.T.: 4.759 min
Delta R.T.: -0.010 min
Response: 368110
Conc: 2.79 ng/ml



#13 AR-1232-3

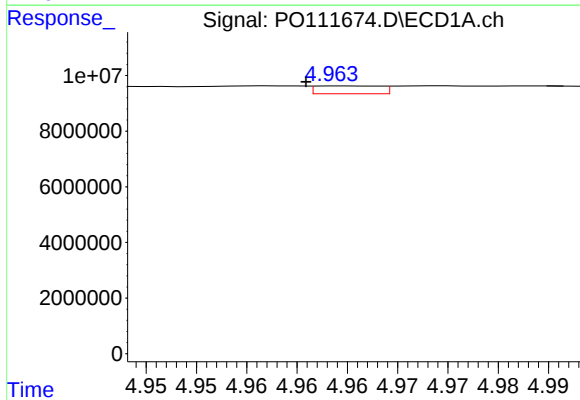
R.T.: 4.761 min
Delta R.T.: -0.023 min
Response: 4521166
Conc: 27.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



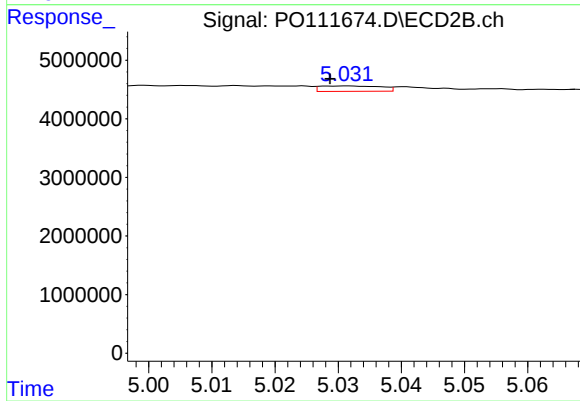
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.005 min
Response: 454673
Conc: 6.58 ng/ml



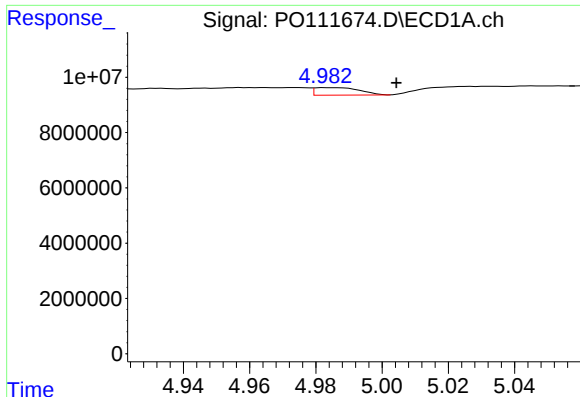
#14 AR-1232-4

R.T.: 4.964 min
Delta R.T.: 0.003 min
Response: 1279380
Conc: 14.70 ng/ml



#14 AR-1232-4

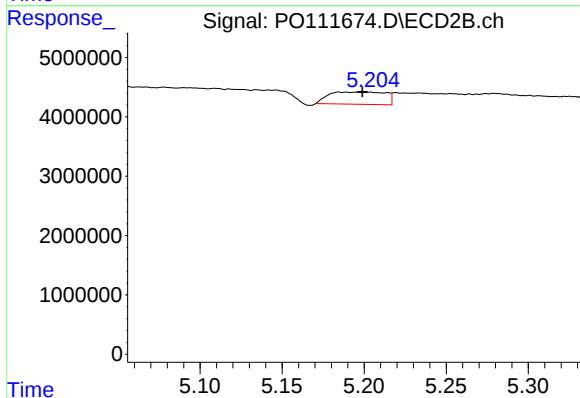
R.T.: 5.031 min
Delta R.T.: 0.003 min
Response: 620921
Conc: 10.27 ng/ml



#15 AR-1232-5

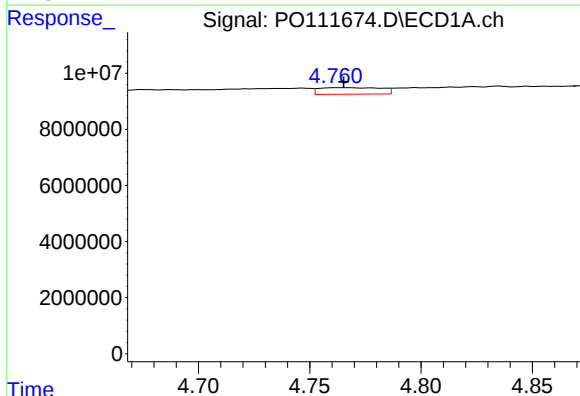
R.T.: 4.984 min
Delta R.T.: -0.021 min
Response: 2560620
Conc: 45.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



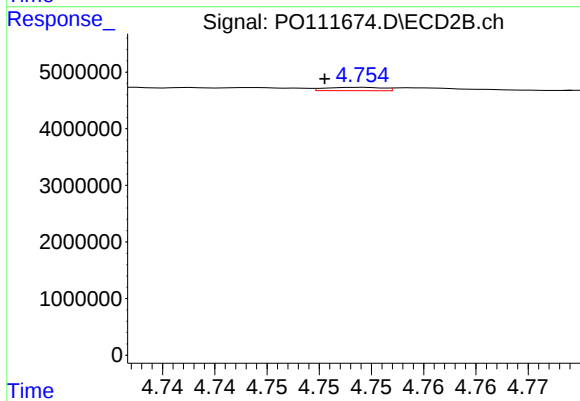
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: -0.014 min
Response: 4942652
Conc: 74.42 ng/ml



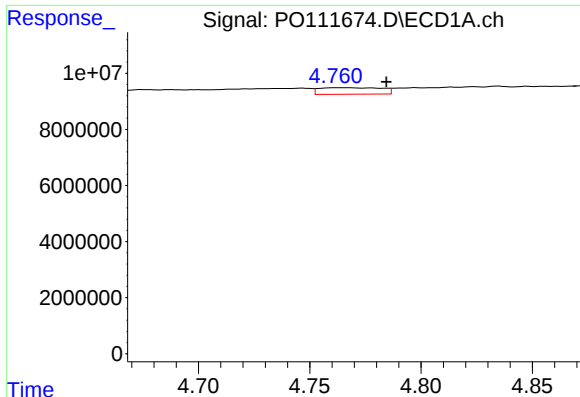
#16 AR-1242-1

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 4521166
Conc: 22.44 ng/ml



#16 AR-1242-1

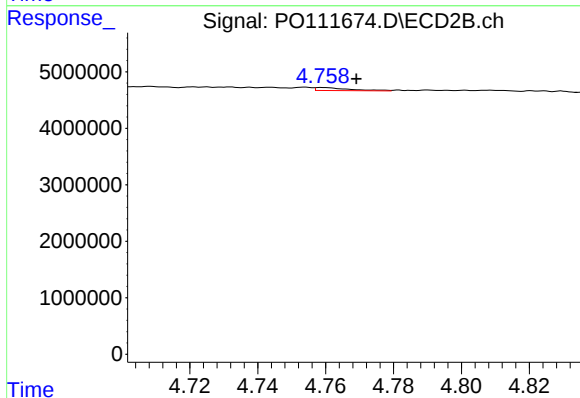
R.T.: 4.754 min
Delta R.T.: 0.003 min
Response: 222007
Conc: 1.36 ng/ml



#17 AR-1242-2

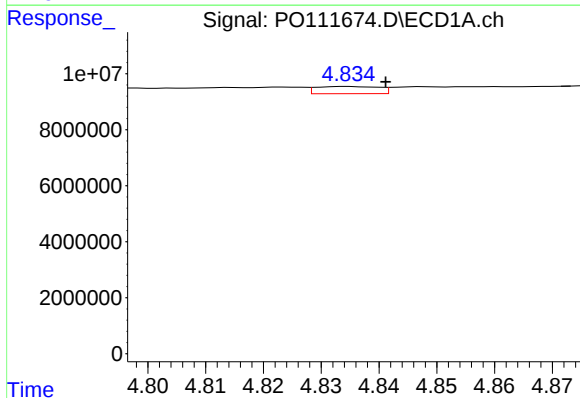
R.T.: 4.761 min
Delta R.T.: -0.023 min
Response: 4521166
Conc: 16.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



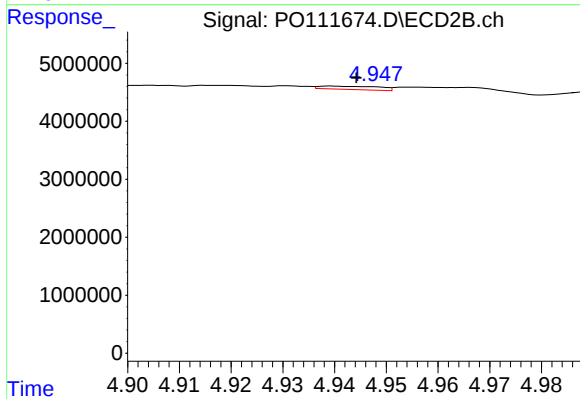
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: -0.010 min
Response: 368110
Conc: 1.56 ng/ml



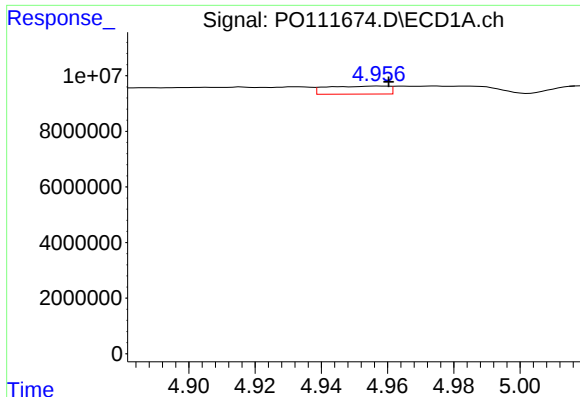
#18 AR-1242-3

R.T.: 4.835 min
Delta R.T.: -0.007 min
Response: 1947431
Conc: 9.79 ng/ml



#18 AR-1242-3

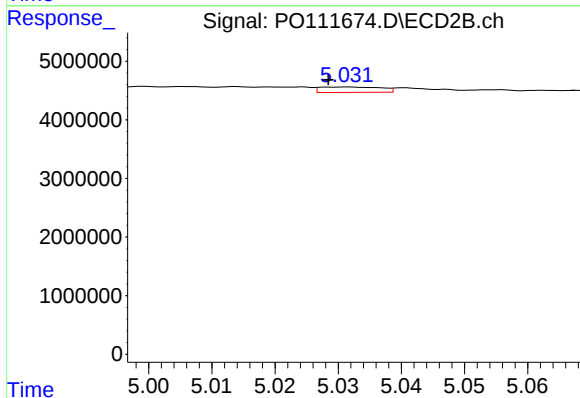
R.T.: 4.939 min
Delta R.T.: -0.005 min
Response: 454673
Conc: 3.62 ng/ml



#19 AR-1242-4

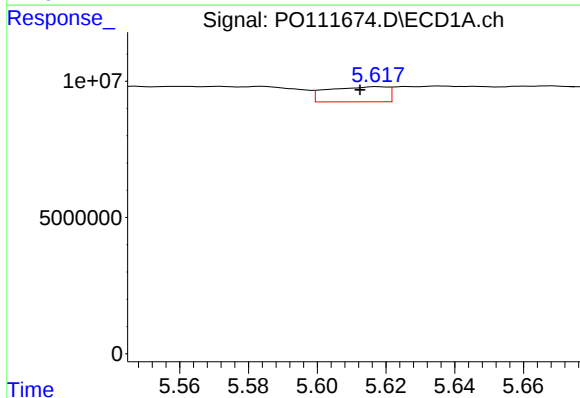
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 3755833
Conc: 23.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



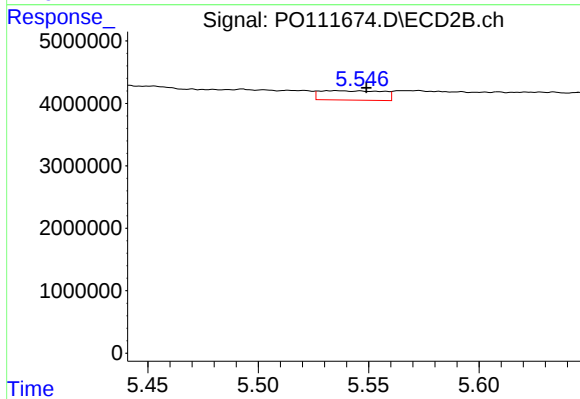
#19 AR-1242-4

R.T.: 5.031 min
Delta R.T.: 0.003 min
Response: 620921
Conc: 5.07 ng/ml



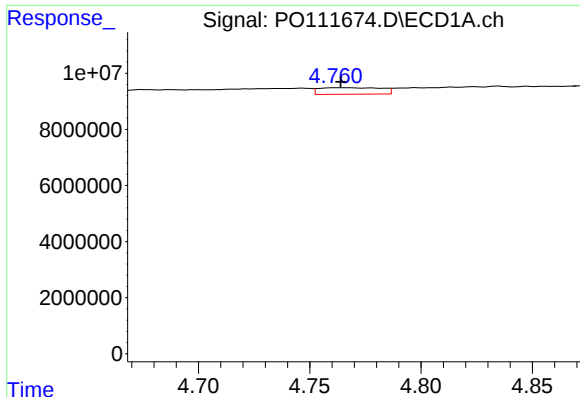
#20 AR-1242-5

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 6704347
Conc: 40.09 ng/ml



#20 AR-1242-5

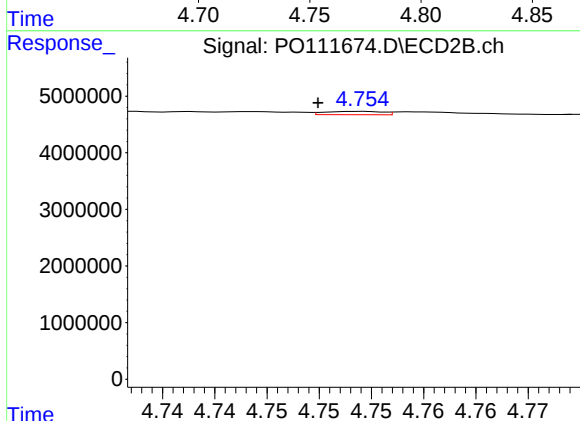
R.T.: 5.535 min
Delta R.T.: -0.014 min
Response: 2972503
Conc: 19.83 ng/ml



#21 AR-1248-1

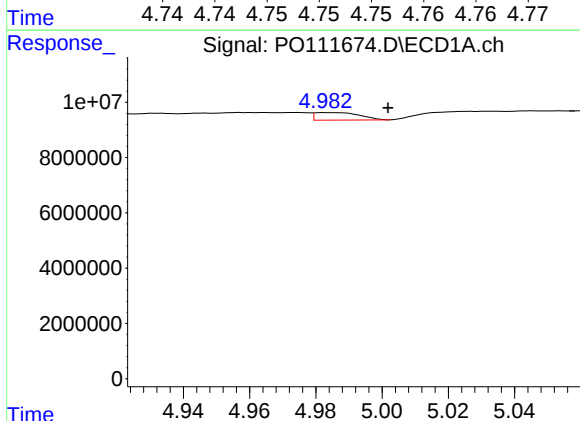
R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 4521166
Conc: 28.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



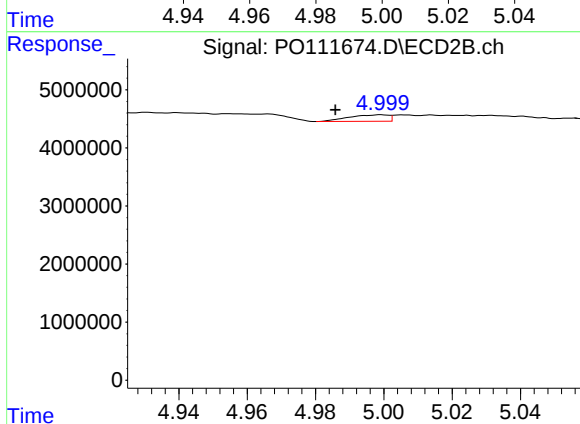
#21 AR-1248-1

R.T.: 4.754 min
Delta R.T.: 0.004 min
Response: 222007
Conc: 1.67 ng/ml



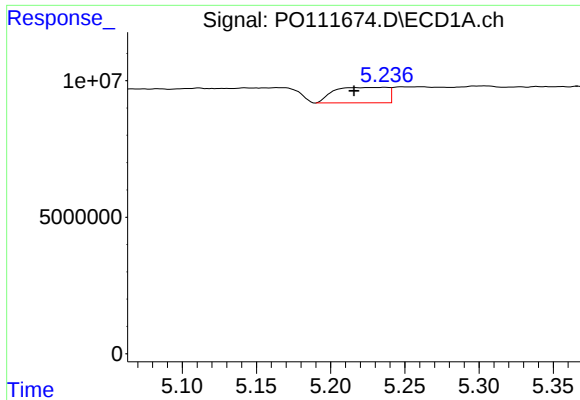
#22 AR-1248-2

R.T.: 4.984 min
Delta R.T.: -0.018 min
Response: 2560620
Conc: 11.88 ng/ml



#22 AR-1248-2

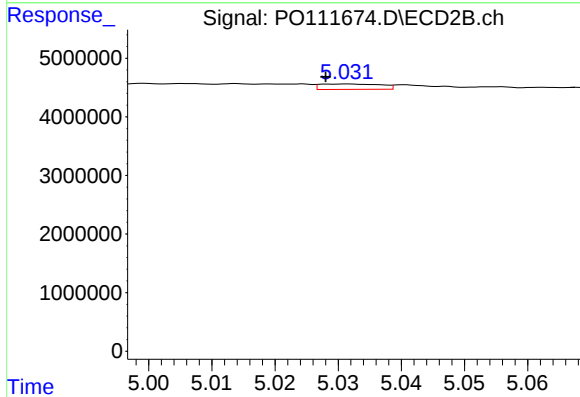
R.T.: 4.999 min
Delta R.T.: 0.013 min
Response: 902988
Conc: 5.07 ng/ml



#23 AR-1248-3

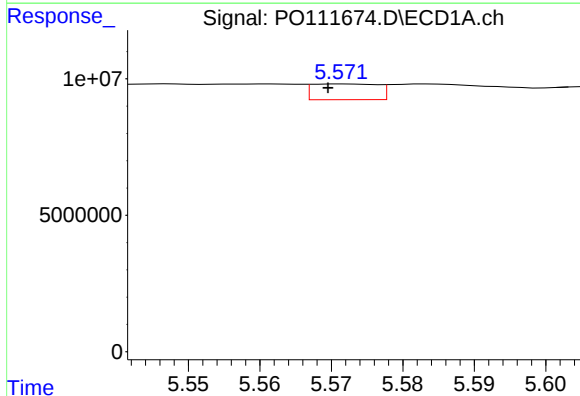
R.T.: 5.237 min
Delta R.T.: 0.021 min
Response: 14147922
Conc: 52.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



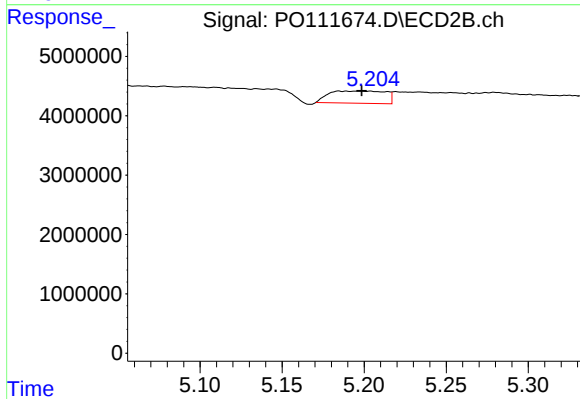
#23 AR-1248-3

R.T.: 5.031 min
Delta R.T.: 0.003 min
Response: 620921
Conc: 3.28 ng/ml



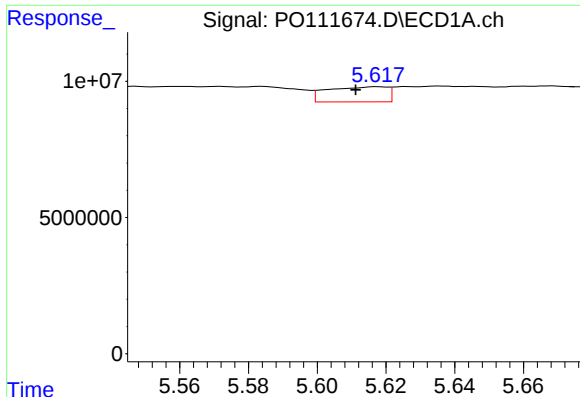
#24 AR-1248-4

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 3680090
Conc: 9.20 ng/ml



#24 AR-1248-4

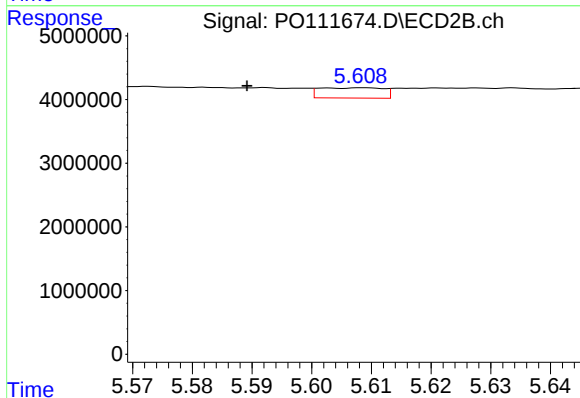
R.T.: 5.185 min
Delta R.T.: -0.014 min
Response: 4942652
Conc: 21.65 ng/ml



#25 AR-1248-5

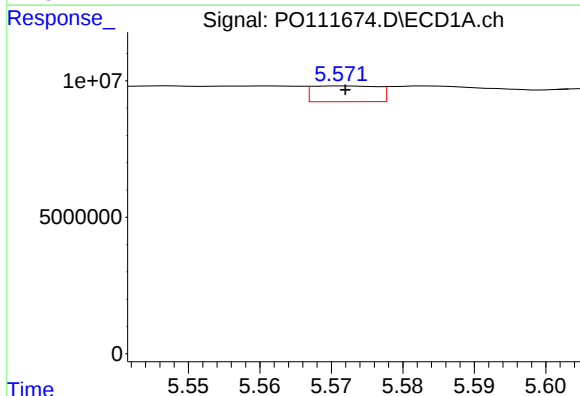
R.T.: 5.618 min
Delta R.T.: 0.007 min
Response: 6704347
Conc: 23.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



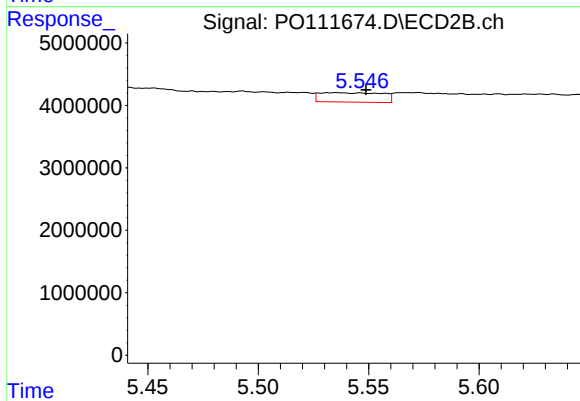
#25 AR-1248-5

R.T.: 5.602 min
Delta R.T.: 0.013 min
Response: 1197504
Conc: 5.50 ng/ml



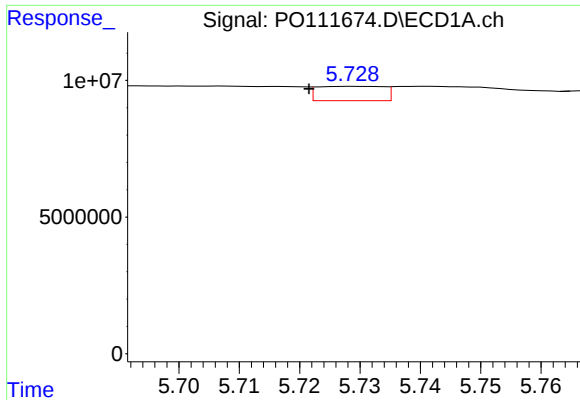
#26 AR-1254-1

R.T.: 5.572 min
Delta R.T.: 0.000 min
Response: 3680090
Conc: 8.66 ng/ml



#26 AR-1254-1

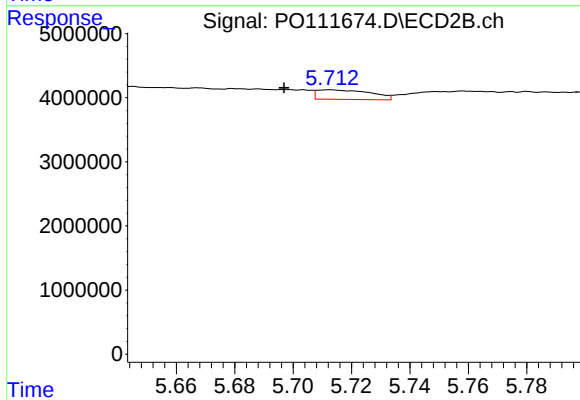
R.T.: 5.535 min
Delta R.T.: -0.013 min
Response: 2972503
Conc: 9.20 ng/ml



#27 AR-1254-2

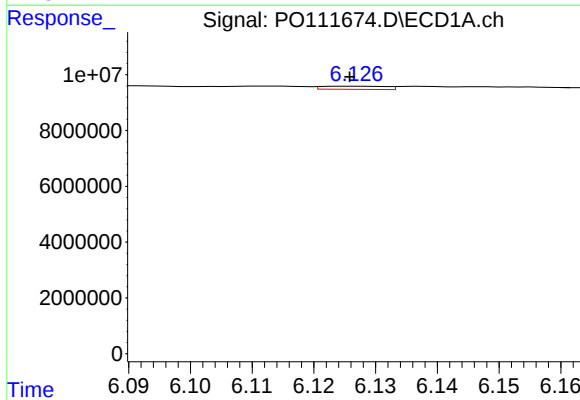
R.T.: 5.729 min
Delta R.T.: 0.008 min
Response: 4011735
Conc: 10.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



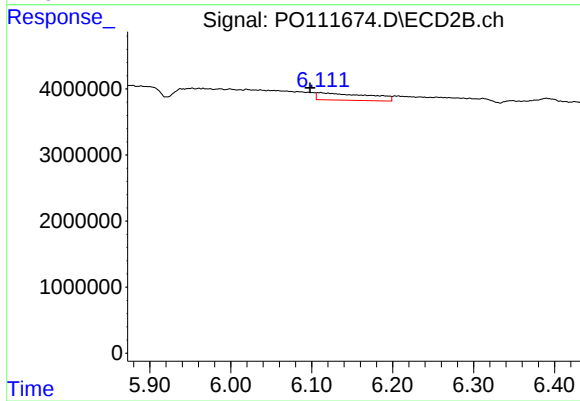
#27 AR-1254-2

R.T.: 5.713 min
Delta R.T.: 0.016 min
Response: 1912478
Conc: 6.85 ng/ml



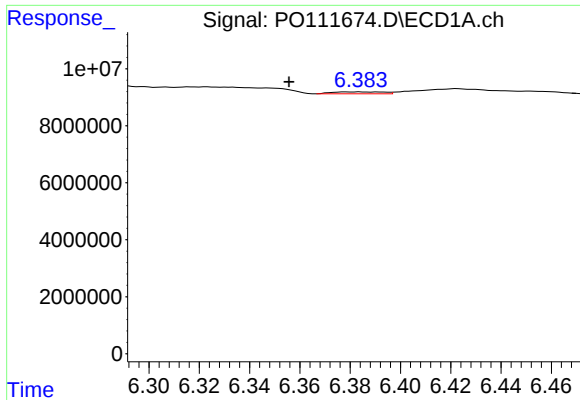
#28 AR-1254-3

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 814328
Conc: 1.43 ng/ml



#28 AR-1254-3

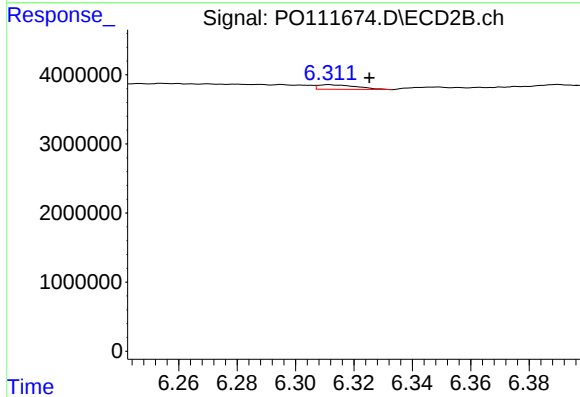
R.T.: 6.111 min
Delta R.T.: 0.013 min
Response: 4819407
Conc: 11.50 ng/ml



#29 AR-1254-4

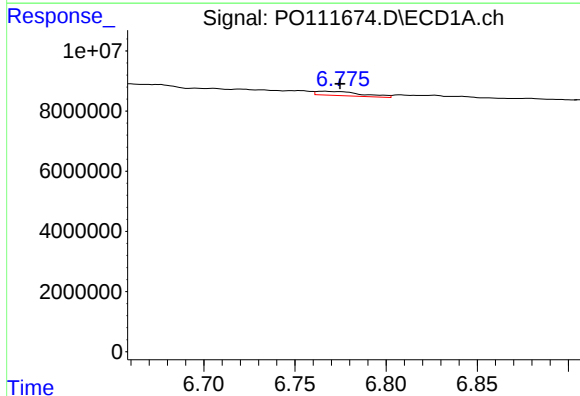
R.T.: 6.384 min
Delta R.T.: 0.028 min
Response: 986479
Conc: 2.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



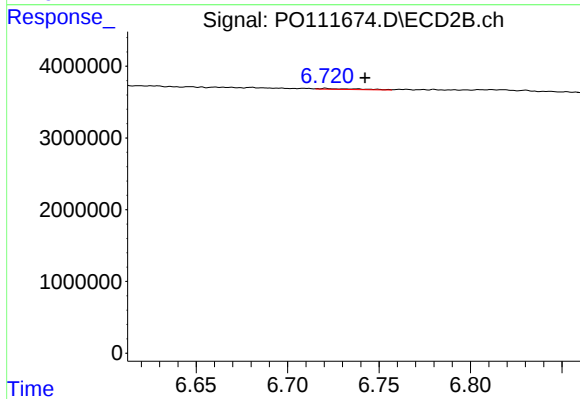
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: -0.014 min
Response: 602760
Conc: 2.65 ng/ml



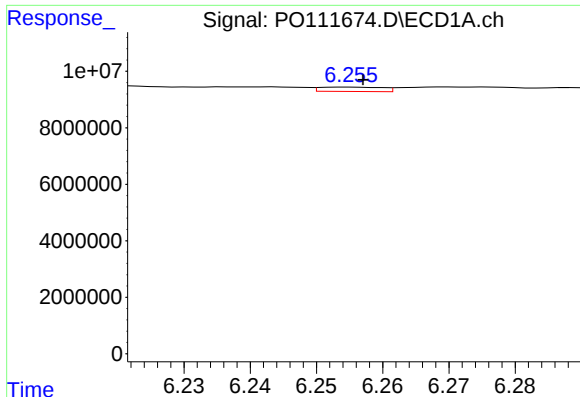
#30 AR-1254-5

R.T.: 6.766 min
Delta R.T.: -0.008 min
Response: 2458310
Conc: 4.80 ng/ml



#30 AR-1254-5

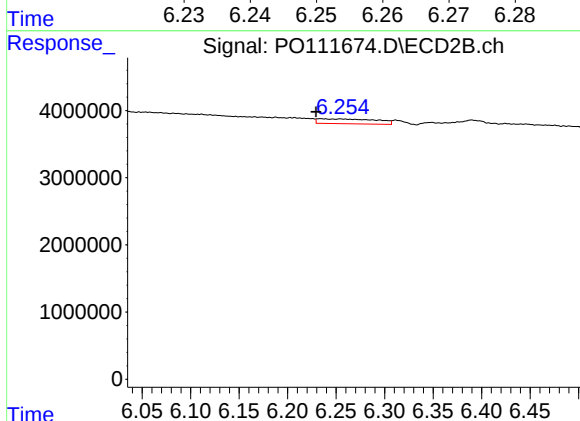
R.T.: 6.721 min
Delta R.T.: -0.022 min
Response: 167123
Conc: 0.51 ng/ml



#31 AR-1260-1

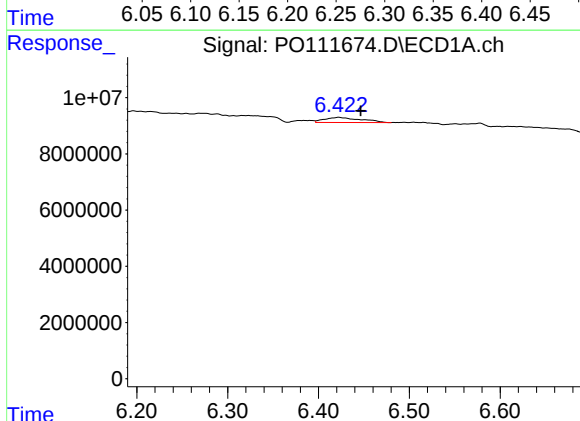
R.T.: 6.255 min
Delta R.T.: -0.002 min
Response: 1005511
Conc: 2.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



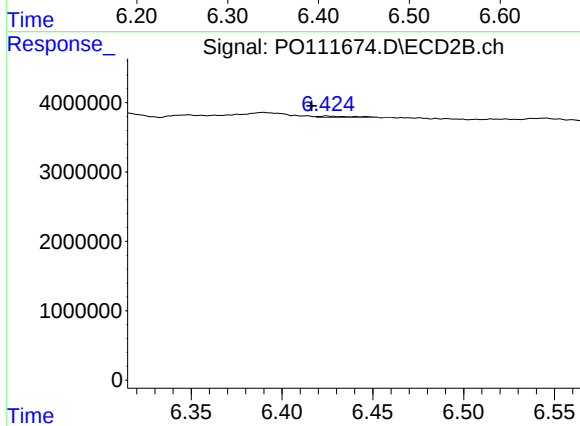
#31 AR-1260-1

R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 3027990
Conc: 12.07 ng/ml



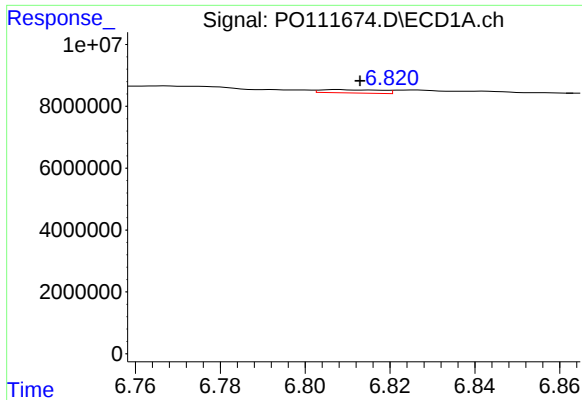
#32 AR-1260-2

R.T.: 6.423 min
Delta R.T.: -0.024 min
Response: 5061183
Conc: 10.71 ng/ml



#32 AR-1260-2

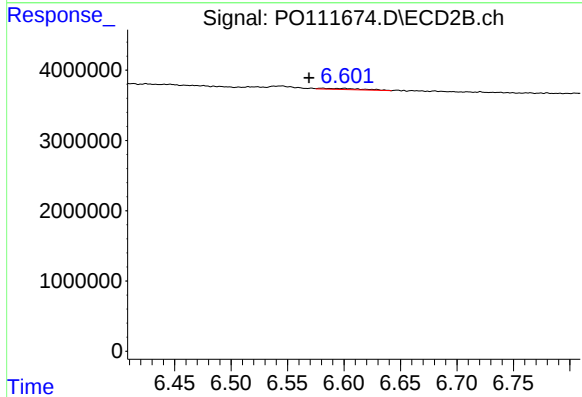
R.T.: 6.425 min
Delta R.T.: 0.008 min
Response: 65139
Conc: 0.22 ng/ml



#33 AR-1260-3

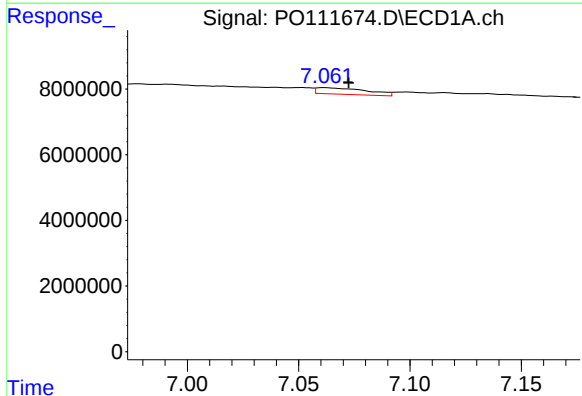
R.T.: 6.808 min
Delta R.T.: -0.005 min
Response: 1059249
Conc: 2.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



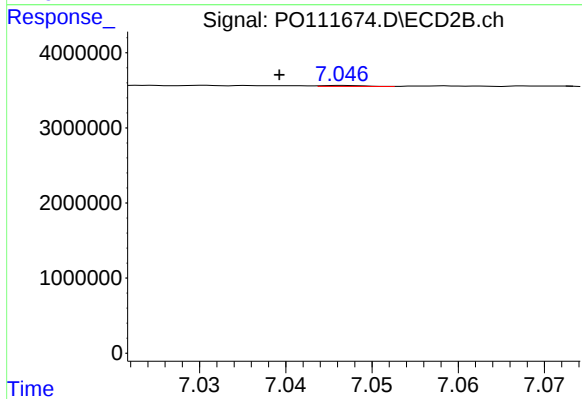
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: 0.011 min
Response: 414617
Conc: 1.55 ng/ml



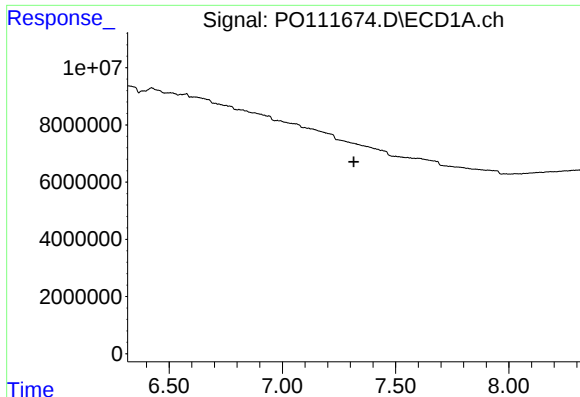
#34 AR-1260-4

R.T.: 7.062 min
Delta R.T.: -0.011 min
Response: 3055459
Conc: 9.72 ng/ml



#34 AR-1260-4

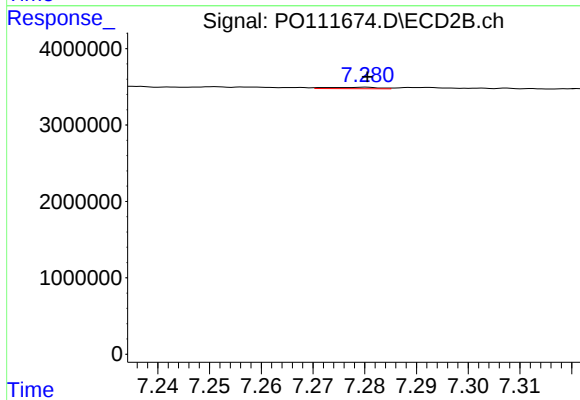
R.T.: 7.047 min
Delta R.T.: 0.007 min
Response: 39682
Conc: 0.21 ng/ml



#35 AR-1260-5

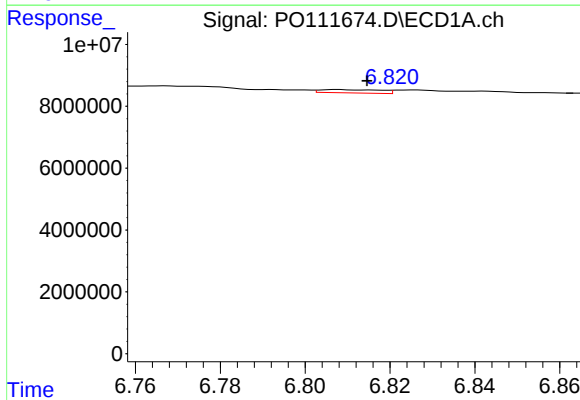
R.T.: 0.000 min
Exp R.T.: 7.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



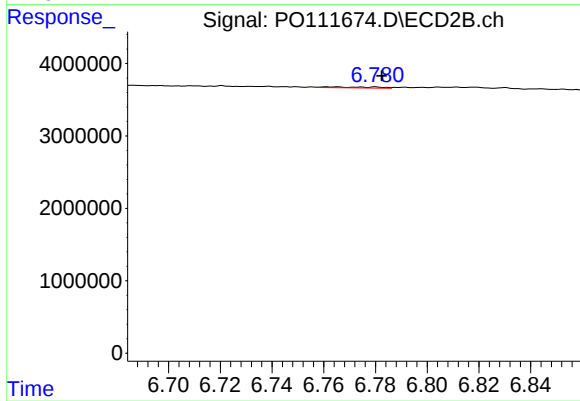
#35 AR-1260-5

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 123811
Conc: 0.29 ng/ml



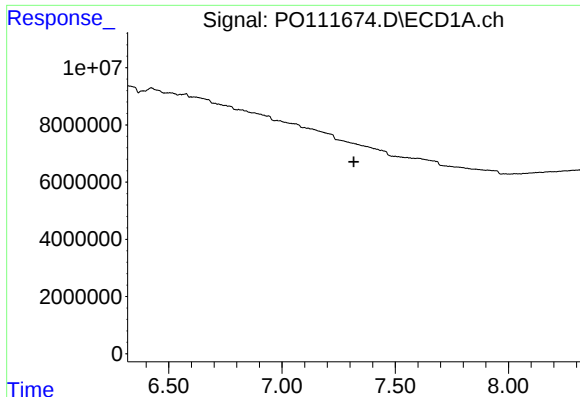
#36 AR-1262-1

R.T.: 6.808 min
Delta R.T.: -0.007 min
Response: 1059249
Conc: 1.74 ng/ml



#36 AR-1262-1

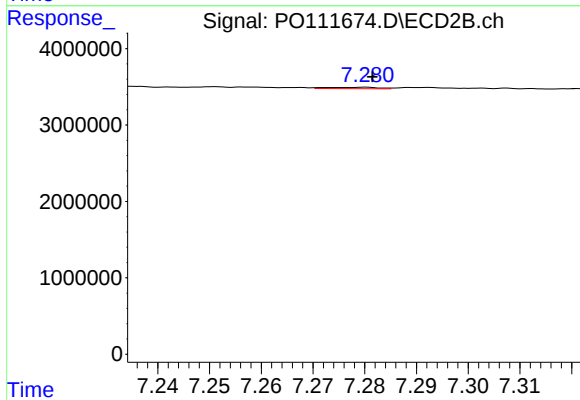
R.T.: 6.765 min
Delta R.T.: -0.018 min
Response: 188036
Conc: 0.56 ng/ml



#37 AR-1262-2

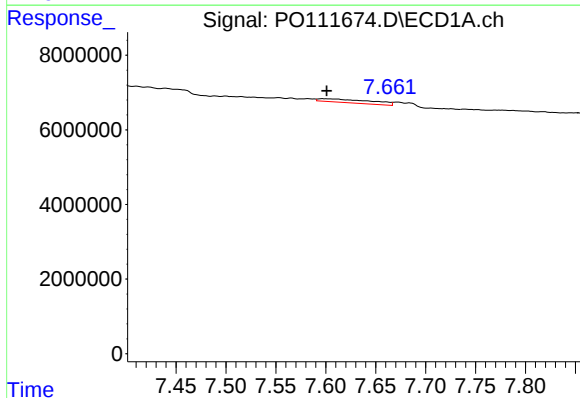
R.T.: 0.000 min
Exp R.T.: 7.317 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



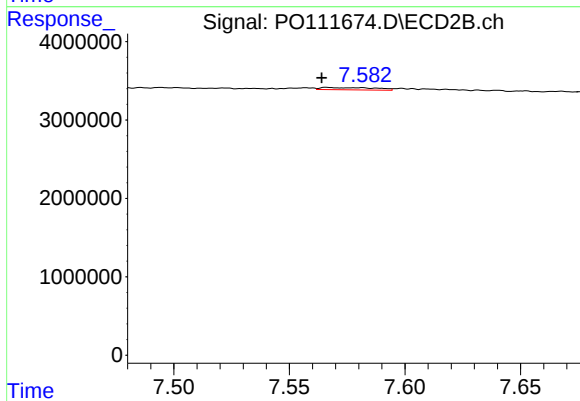
#37 AR-1262-2

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 123811
Conc: 0.27 ng/ml



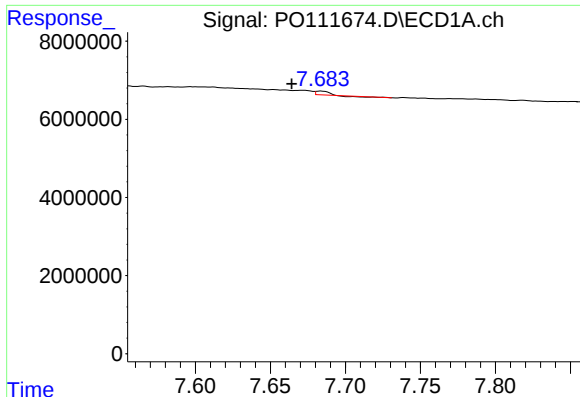
#38 AR-1262-3

R.T.: 7.597 min
Delta R.T.: -0.004 min
Response: 3490304
Conc: 8.80 ng/ml



#38 AR-1262-3

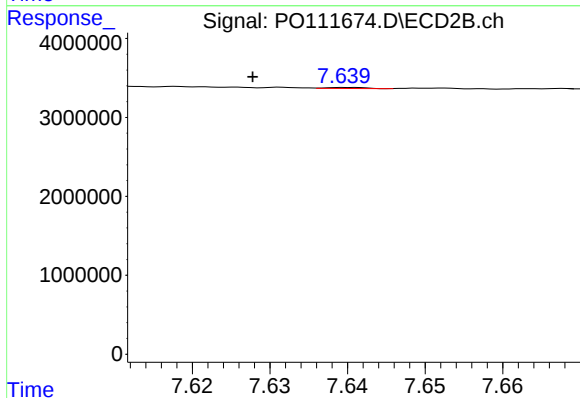
R.T.: 7.567 min
Delta R.T.: 0.003 min
Response: 481659
Conc: 2.90 ng/ml



#39 AR-1262-4

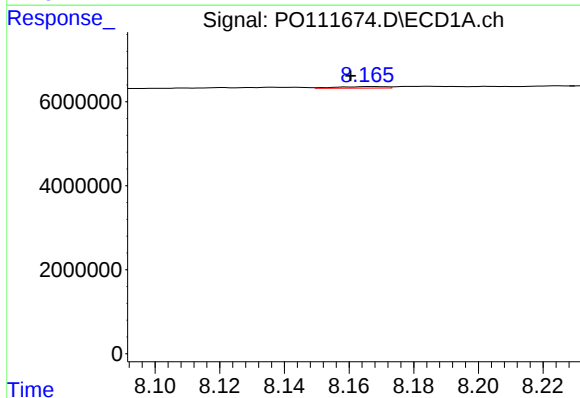
R.T.: 7.684 min
Delta R.T.: 0.019 min
Response: 328048
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



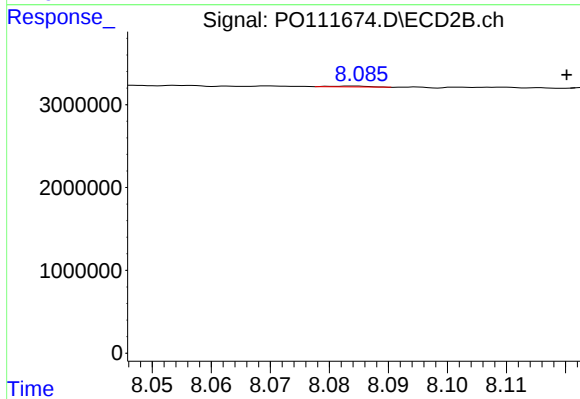
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: 0.012 min
Response: 46625
Conc: 0.17 ng/ml



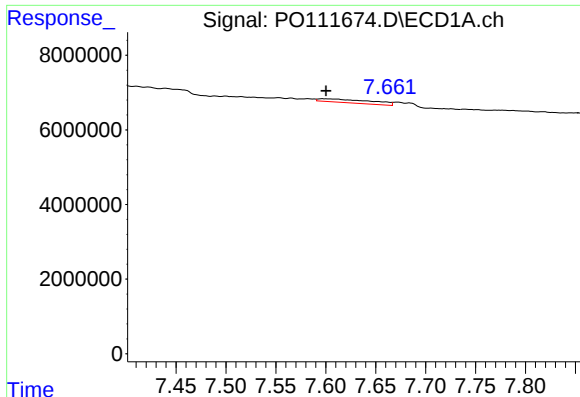
#40 AR-1262-5

R.T.: 8.167 min
Delta R.T.: 0.006 min
Response: 377677
Conc: 1.24 ng/ml



#40 AR-1262-5

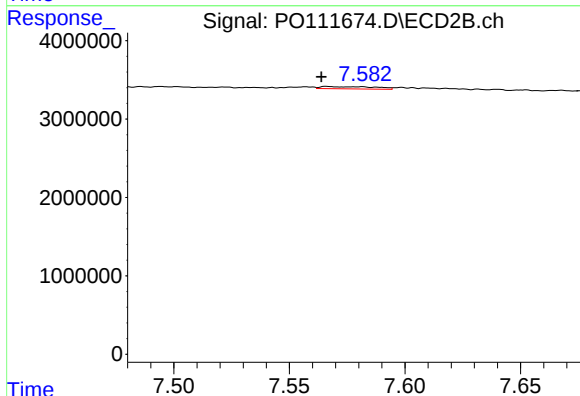
R.T.: 8.084 min
Delta R.T.: -0.036 min
Response: 34272
Conc: 0.34 ng/ml



#41 AR-1268-1

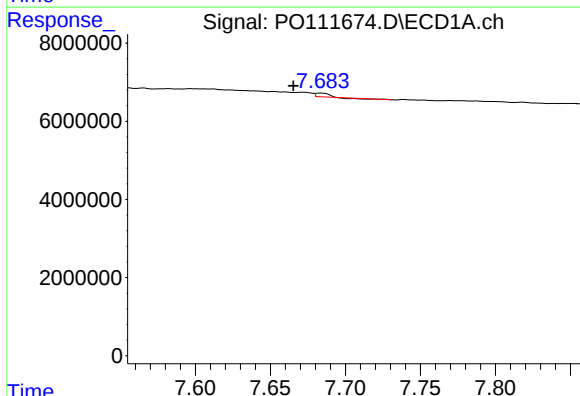
R.T.: 7.597 min
Delta R.T.: -0.004 min
Response: 3490304
Conc: 3.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



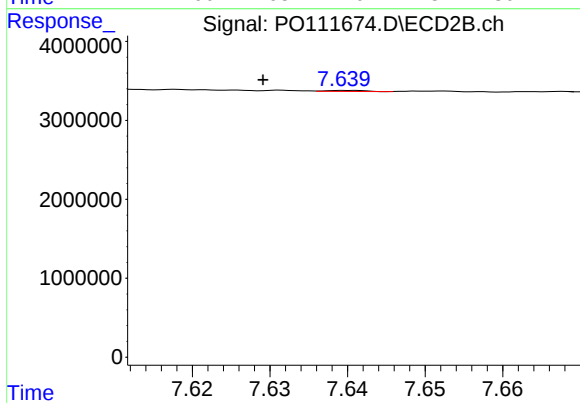
#41 AR-1268-1

R.T.: 7.567 min
Delta R.T.: 0.003 min
Response: 481659
Conc: 1.01 ng/ml



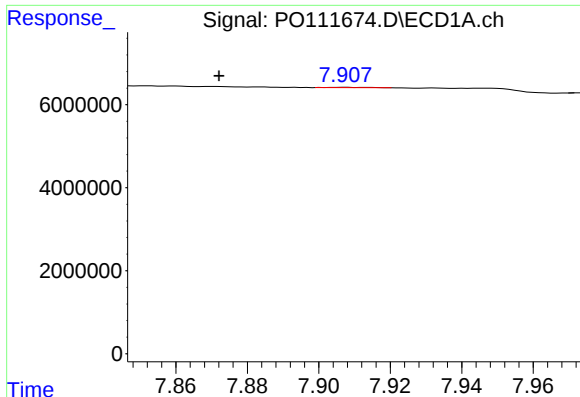
#42 AR-1268-2

R.T.: 7.684 min
Delta R.T.: 0.018 min
Response: 328048
Conc: 0.34 ng/ml



#42 AR-1268-2

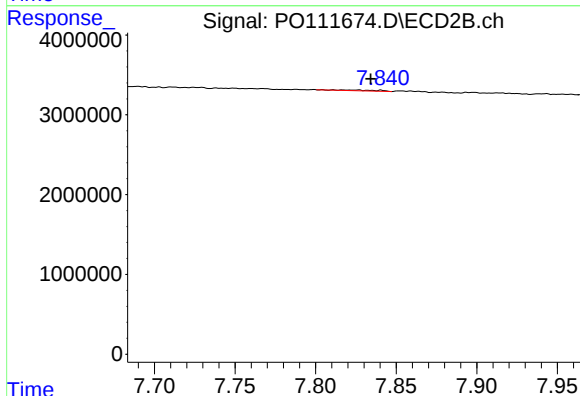
R.T.: 7.640 min
Delta R.T.: 0.011 min
Response: 46625
Conc: 0.11 ng/ml



#43 AR-1268-3

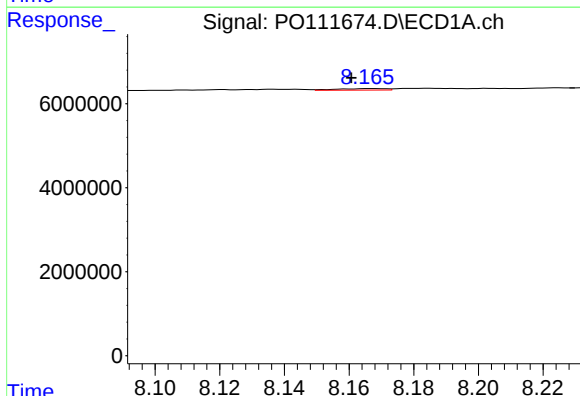
R.T.: 7.907 min
Delta R.T.: 0.035 min
Response: 21507
Conc: 0.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



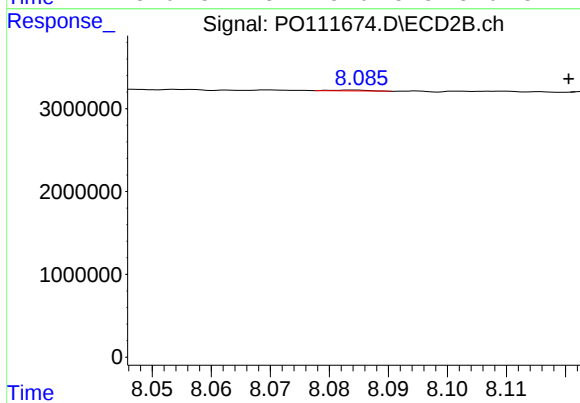
#43 AR-1268-3

R.T.: 7.826 min
Delta R.T.: -0.008 min
Response: 167607
Conc: 0.53 ng/ml



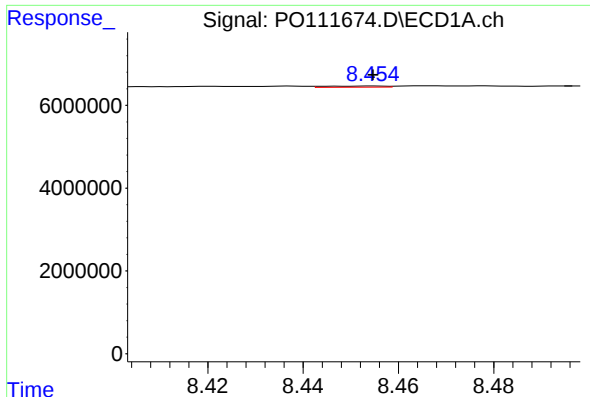
#44 AR-1268-4

R.T.: 8.167 min
Delta R.T.: 0.006 min
Response: 377677
Conc: 1.10 ng/ml



#44 AR-1268-4

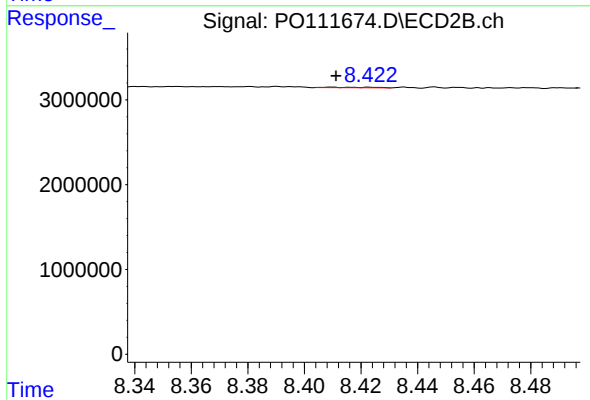
R.T.: 8.084 min
Delta R.T.: -0.037 min
Response: 34272
Conc: 0.30 ng/ml



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 256602
Conc: 0.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.410 min
Delta R.T.: -0.002 min
Response: 73977
Conc: 0.10 ng/ml