

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 08:48
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:28:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.337	0.000	18698	0	0.009	N.D. #
2)	SA Decachlor...	10.137f	8.635	65564	85855	0.046	0.061 #
Target Compounds							
3)	L1 AR-1016-1	5.513	0.000	385848	0	5.221	N.D. #
4)	L1 AR-1016-2	5.513f	0.000	385848	0	3.616	N.D. #
5)	L1 AR-1016-3	5.589	0.000	470570	0	6.878	N.D. #
6)	L1 AR-1016-4	5.721f	0.000	42399	0	0.814	N.D. #
7)	L1 AR-1016-5	6.012f	0.000	110226	0	2.434	N.D. #
8)	L2 AR-1221-1	4.556	3.800	53227	64328	2.214	3.367 #
9)	L2 AR-1221-2	4.626	0.000	321132	0	18.126	N.D. #
10)	L2 AR-1221-3	4.713	3.982f	363720	94385	6.748	2.125 #
11)	L3 AR-1232-1	4.713	3.982f	363720	94385	8.086	2.536 #
12)	L3 AR-1232-2	5.246	0.000	1372212	0	52.587	N.D. #
13)	L3 AR-1232-3	5.513f	0.000	385848	0	8.388	N.D. #
14)	L3 AR-1232-4	5.721f	0.000	42399	0	1.893	N.D. #
15)	L3 AR-1232-5	5.773	0.000	19896	0	1.118	N.D. #
16)	L4 AR-1242-1	5.513	0.000	385848	0	6.498	N.D. #
17)	L4 AR-1242-2	5.513f	0.000	385848	0	4.513	N.D. #
18)	L4 AR-1242-3	5.589	0.000	470570	0	8.613	N.D. #
19)	L4 AR-1242-4	5.721f	0.000	42399	0	1.012	N.D. #
20)	L4 AR-1242-5	6.422	5.507f	448786	8242806	13.672	219.082 #
21)	L5 AR-1248-1	5.513	0.000	385848	0	8.594	N.D. #
22)	L5 AR-1248-2	5.773	0.000	19896	0	0.313	N.D. #
23)	L5 AR-1248-3	6.012f	0.000	110226	0	1.860	N.D. #
24)	L5 AR-1248-4	6.384	0.000	6711343	0	115.857	N.D. #
25)	L5 AR-1248-5	6.422	5.507	448786	8242806	8.088	166.204 #
26)	L6 AR-1254-1	6.384f	5.507f	6711343	8242806	108.012	96.120
27)	L6 AR-1254-2	6.603	5.626	198088	4321325	2.111	58.168 #
28)	L6 AR-1254-3	6.970	6.036	2244807	6662151	23.648	57.397 #
29)	L6 AR-1254-4	7.245	0.000	1528850	0	22.538	N.D. #
30)	L6 AR-1254-5	7.657	6.690	393892	1433596	5.182	14.993 #
31)	L7 AR-1260-1	7.118	0.000	293739	0	3.768	N.D. #
32)	L7 AR-1260-2	7.377	6.339	3899376	17226872	43.535	180.122 #
34)	L7 AR-1260-4	7.945f	0.000	1048615	0	13.162	N.D. #
35)	L7 AR-1260-5	8.273	0.000	310074	0	2.162	N.D. #
36)	L8 AR-1262-1	0.000	6.775	0	987325	N.D.	24.183 #
37)	L8 AR-1262-2	8.273	0.000	310074	0	2.191	N.D. #
38)	L8 AR-1262-3	8.581f	0.000	117800	0	1.138	N.D. #
39)	L8 AR-1262-4	8.675	0.000	311480	0	6.153	N.D. #
40)	L8 AR-1262-5	9.324f	8.052f	12830804	460985	228.403	8.368 #
41)	L9 AR-1268-1	8.581	0.000	117800	0	0.604	N.D. #
42)	L9 AR-1268-2	8.675	0.000	311480	0	1.765	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 08:48
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

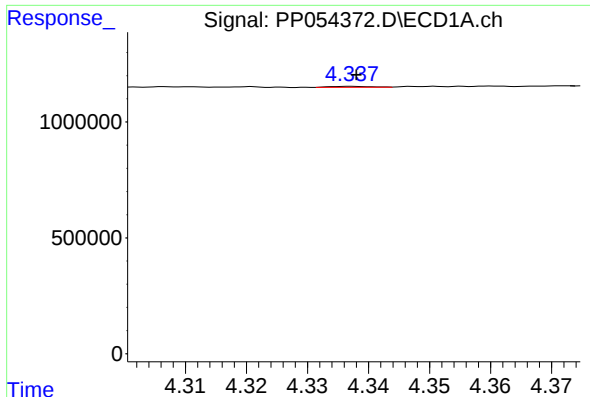
Instrument :
 ECD_S
 ClientSampleId :
 HEXANE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 10 20:28:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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
43) L9	AR-1268-3	8.947f	7.790	48078	185892	0.310	1.087 #
44) L9	AR-1268-4	9.324f	8.052f	12830804	460985	187.522	7.296 #
45) L9	AR-1268-5	0.000	8.351	0	1766872	N.D.	3.610 #

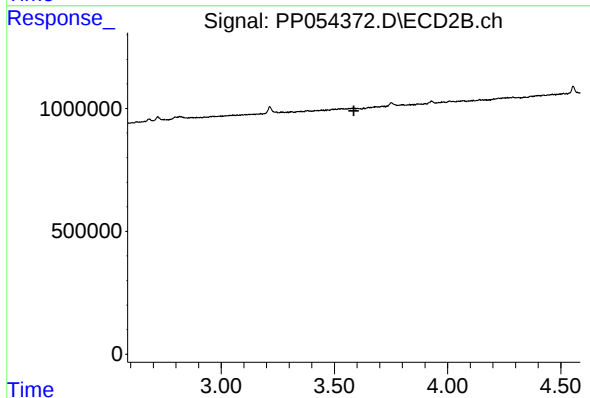
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

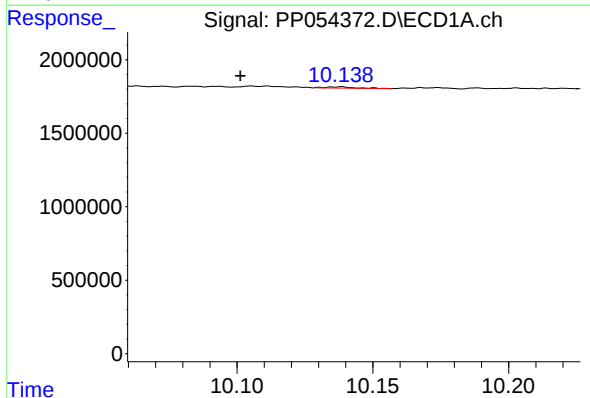
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 18698
Conc: 0.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



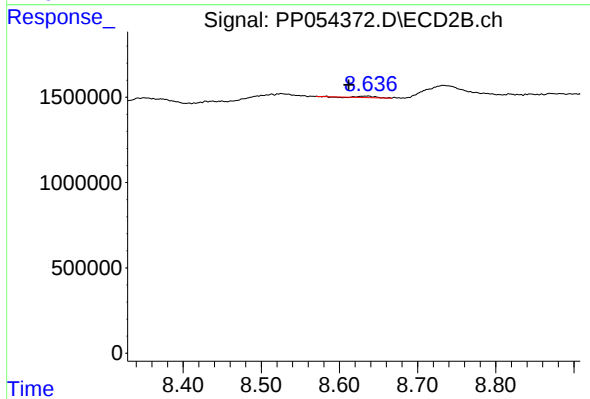
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.586 min
Response: 0
Conc: N.D.



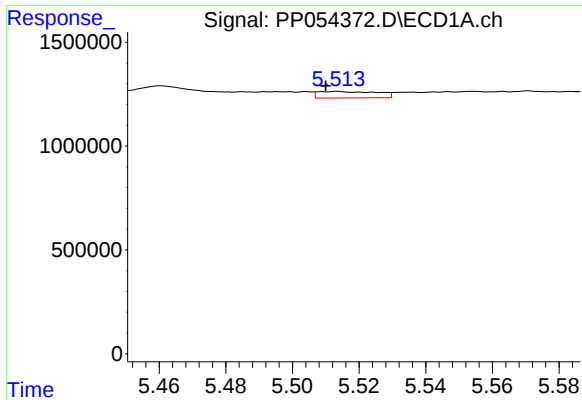
#2 Decachlorobiphenyl

R.T.: 10.137 min
Delta R.T.: 0.036 min
Response: 65564
Conc: 0.05 ng/ml



#2 Decachlorobiphenyl

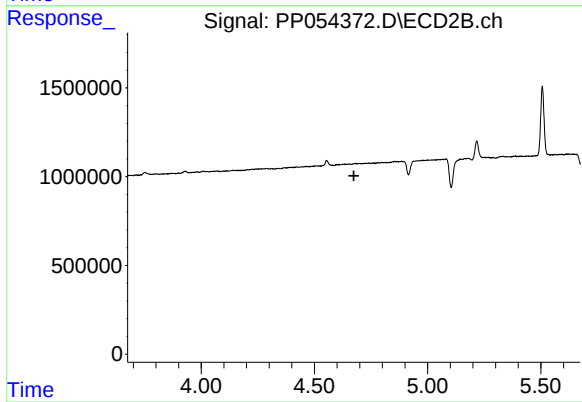
R.T.: 8.635 min
Delta R.T.: 0.023 min
Response: 85855
Conc: 0.06 ng/ml



#3 AR-1016-1

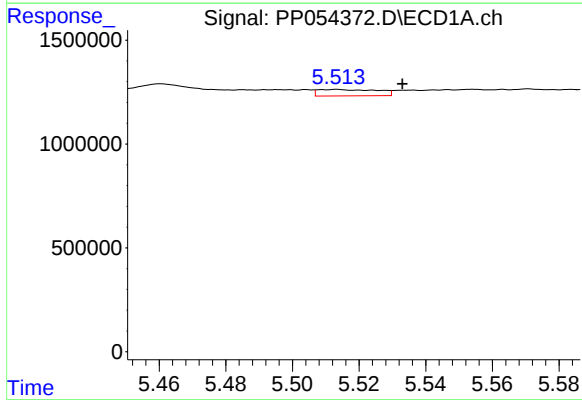
R.T.: 5.513 min
Delta R.T.: 0.003 min
Response: 385848
Conc: 5.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



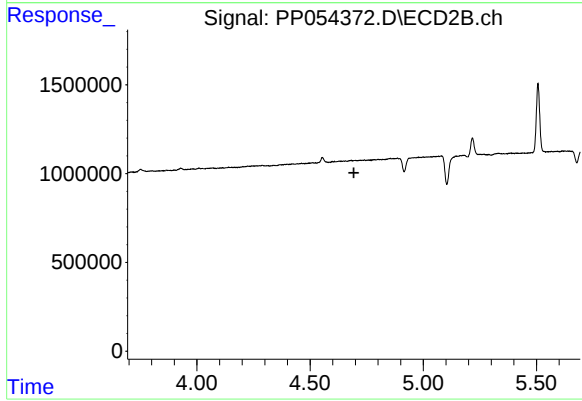
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.674 min
Response: 0
Conc: N.D.



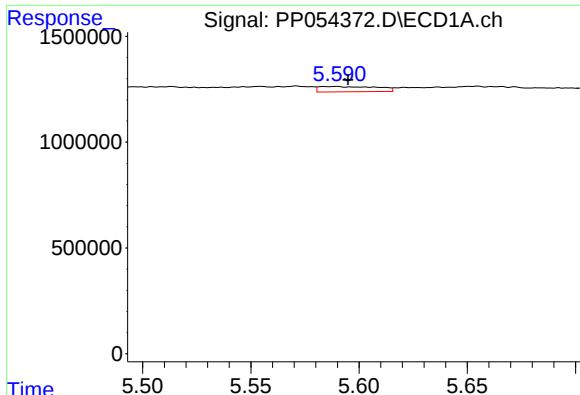
#4 AR-1016-2

R.T.: 5.513 min
Delta R.T.: -0.020 min
Response: 385848
Conc: 3.62 ng/ml



#4 AR-1016-2

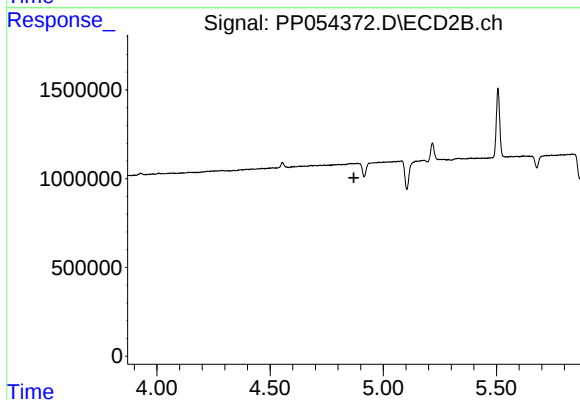
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#5 AR-1016-3

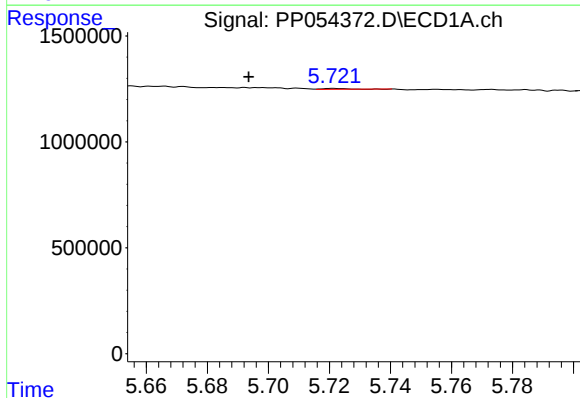
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 470570
Conc: 6.88 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



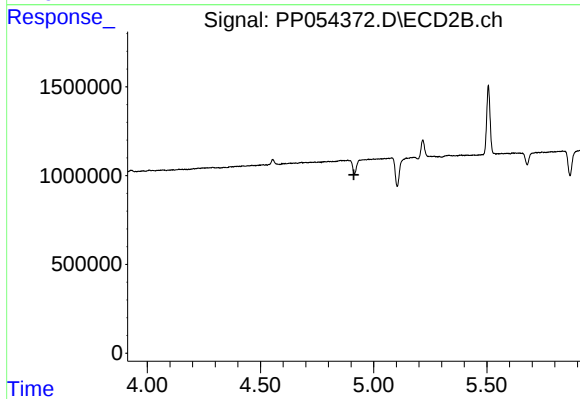
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.870 min
Response: 0
Conc: N.D.



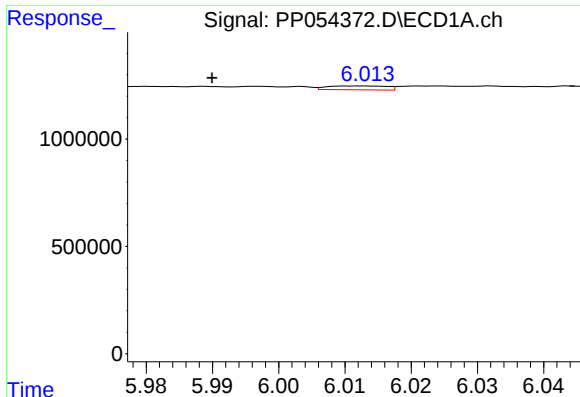
#6 AR-1016-4

R.T.: 5.721 min
Delta R.T.: 0.028 min
Response: 42399
Conc: 0.81 ng/ml



#6 AR-1016-4

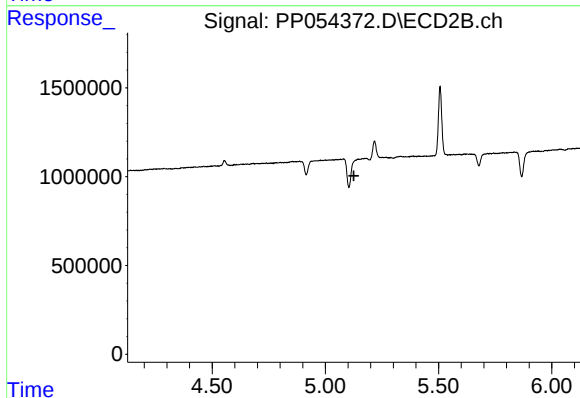
R.T.: 0.000 min
Exp R.T. : 4.912 min
Response: 0
Conc: N.D.



#7 AR-1016-5

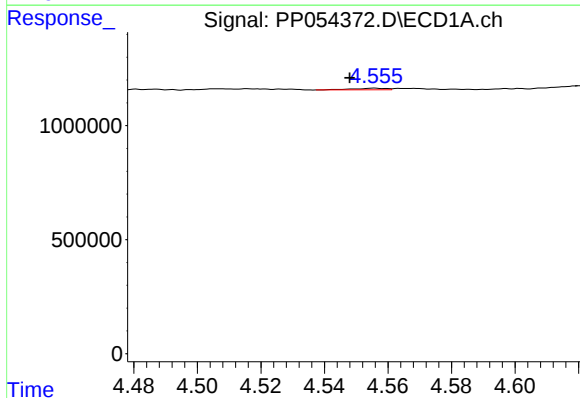
R.T.: 6.012 min
Delta R.T.: 0.022 min
Response: 110226
Conc: 2.43 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



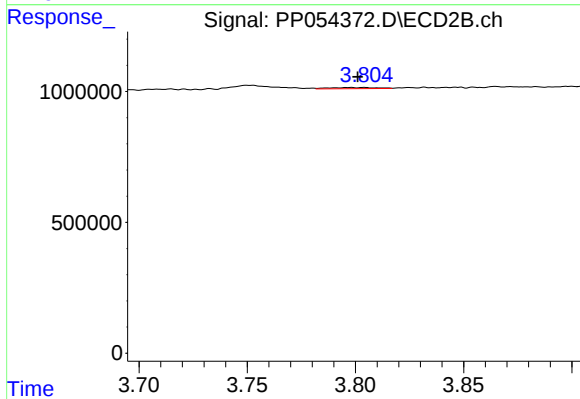
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.126 min
Response: 0
Conc: N.D.



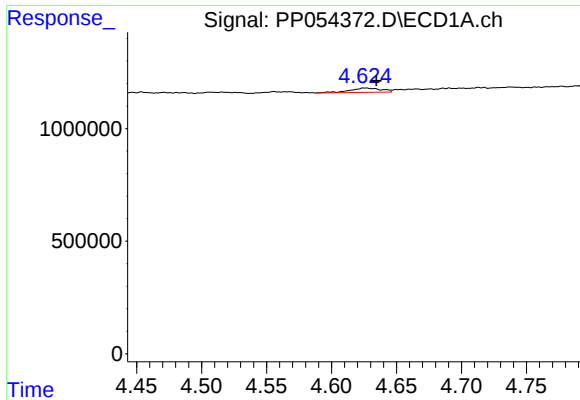
#8 AR-1221-1

R.T.: 4.556 min
Delta R.T.: 0.008 min
Response: 53227
Conc: 2.21 ng/ml



#8 AR-1221-1

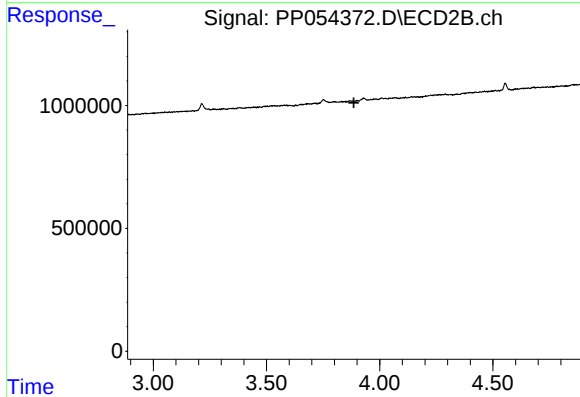
R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 64328
Conc: 3.37 ng/ml



#9 AR-1221-2

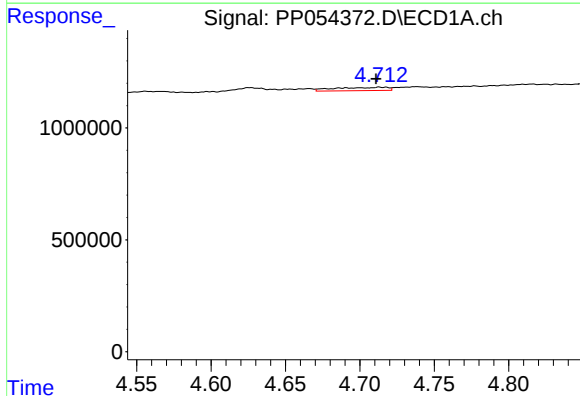
R.T.: 4.626 min
Delta R.T.: -0.009 min
Response: 321132
Conc: 18.13 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



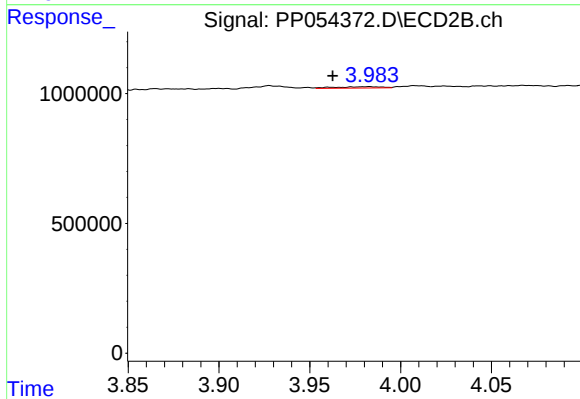
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.886 min
Response: 0
Conc: N.D.



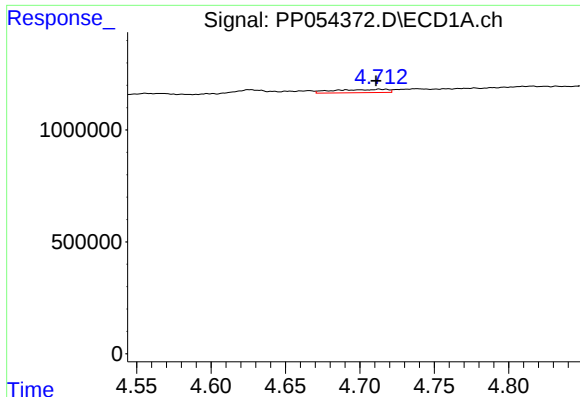
#10 AR-1221-3

R.T.: 4.713 min
Delta R.T.: 0.002 min
Response: 363720
Conc: 6.75 ng/ml



#10 AR-1221-3

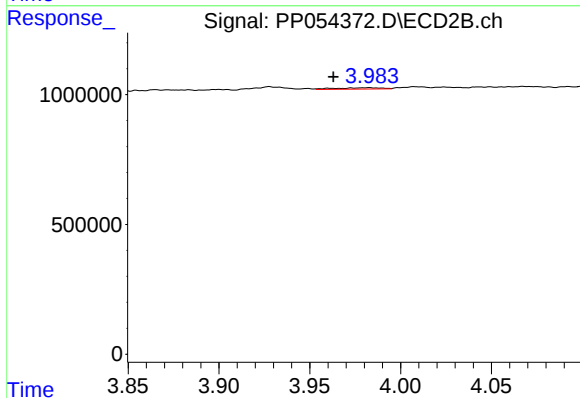
R.T.: 3.982 min
Delta R.T.: 0.020 min
Response: 94385
Conc: 2.13 ng/ml



#11 AR-1232-1

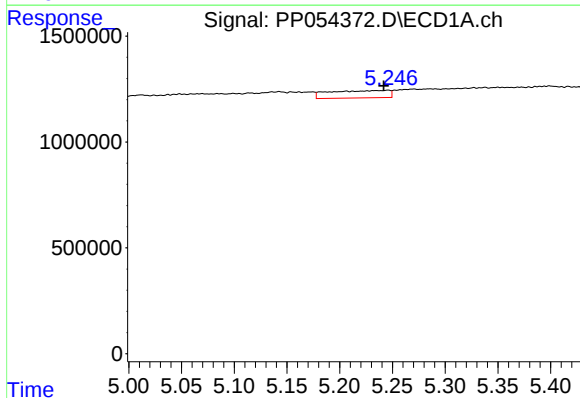
R.T.: 4.713 min
Delta R.T.: 0.002 min
Response: 363720
Conc: 8.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



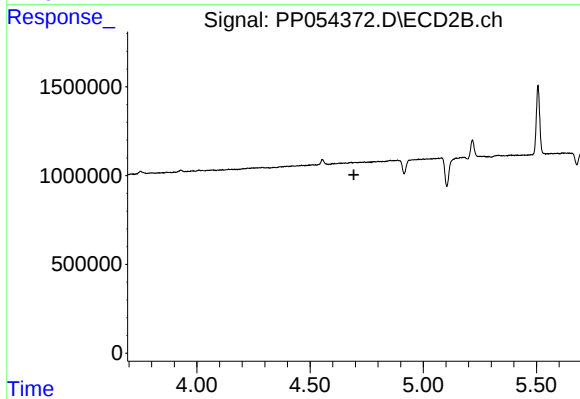
#11 AR-1232-1

R.T.: 3.982 min
Delta R.T.: 0.019 min
Response: 94385
Conc: 2.54 ng/ml



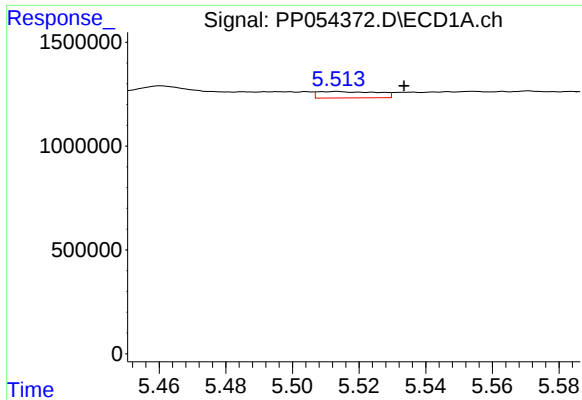
#12 AR-1232-2

R.T.: 5.246 min
Delta R.T.: 0.004 min
Response: 1372212
Conc: 52.59 ng/ml



#12 AR-1232-2

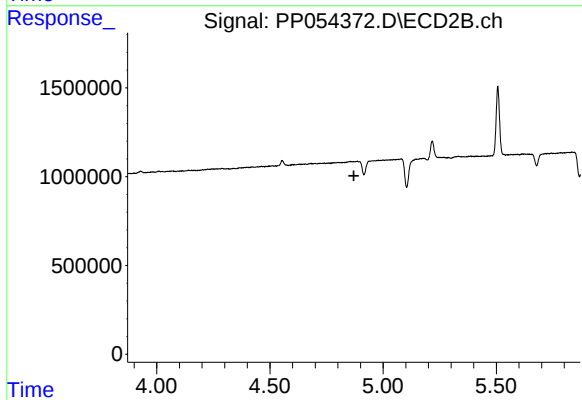
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#13 AR-1232-3

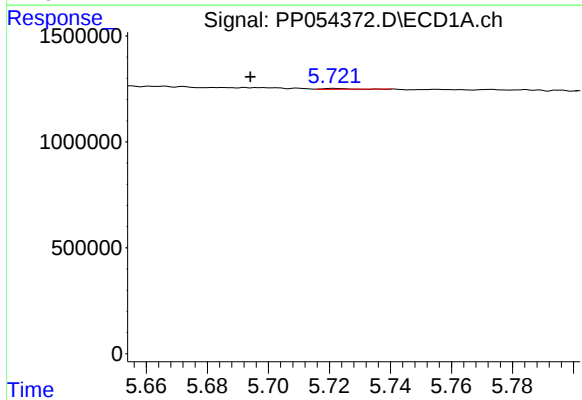
R.T.: 5.513 min
Delta R.T.: -0.020 min
Response: 385848
Conc: 8.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



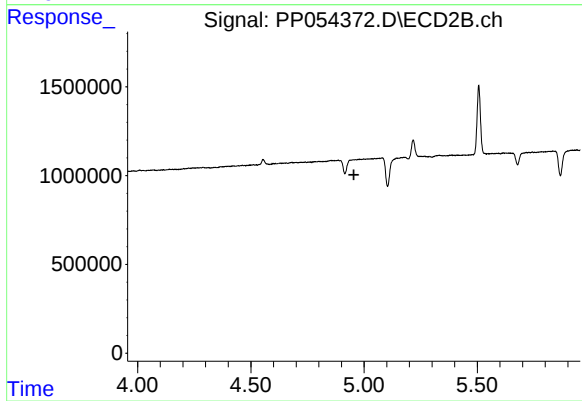
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.



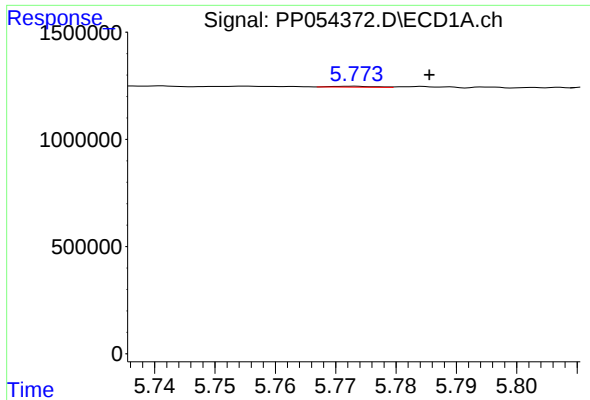
#14 AR-1232-4

R.T.: 5.721 min
Delta R.T.: 0.027 min
Response: 42399
Conc: 1.89 ng/ml



#14 AR-1232-4

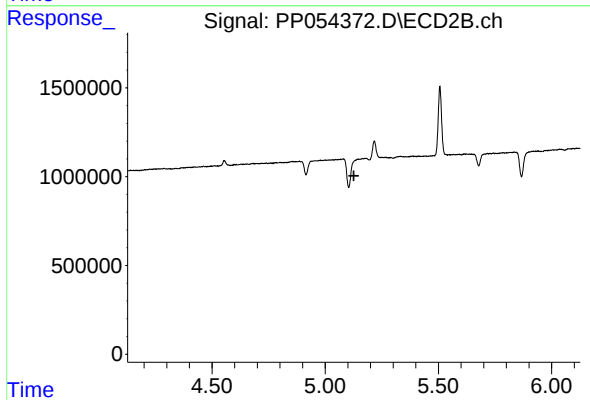
R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



#15 AR-1232-5

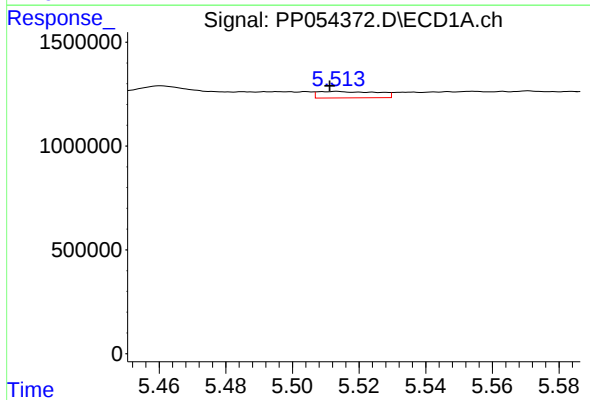
R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 19896
Conc: 1.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



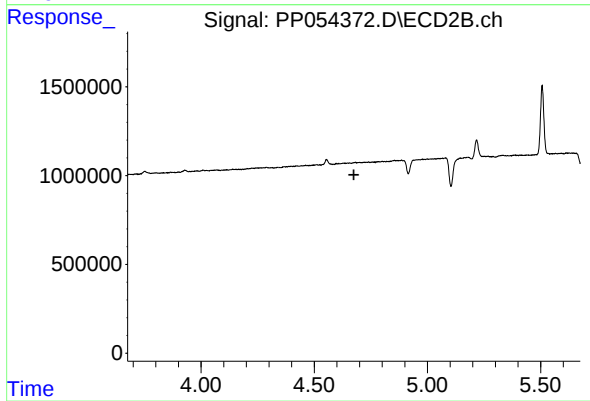
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.127 min
Response: 0
Conc: N.D.



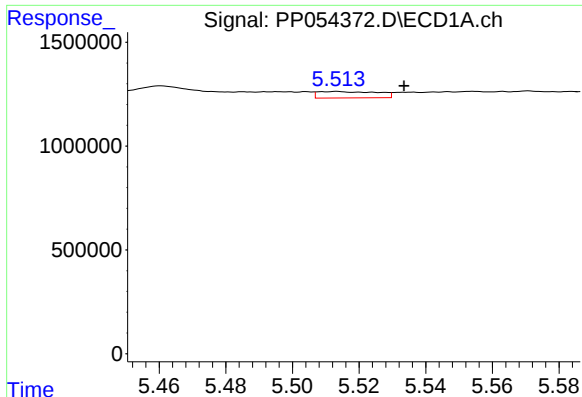
#16 AR-1242-1

R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 385848
Conc: 6.50 ng/ml



#16 AR-1242-1

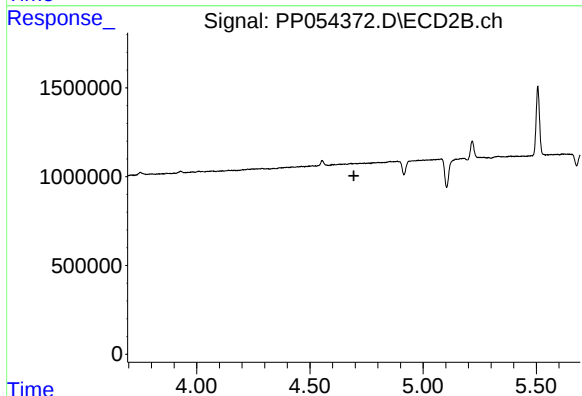
R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



#17 AR-1242-2

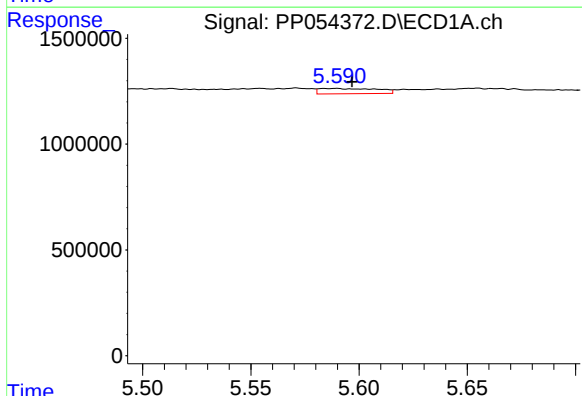
R.T.: 5.513 min
Delta R.T.: -0.020 min
Response: 385848
Conc: 4.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



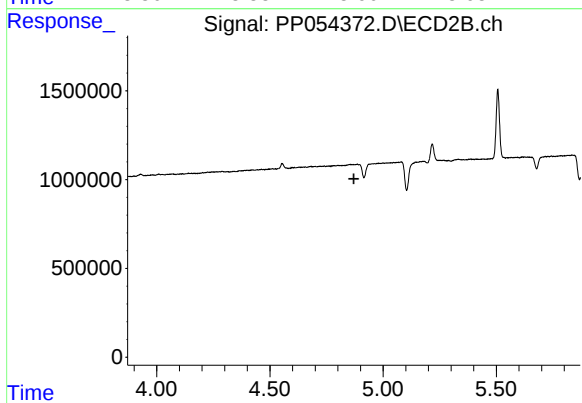
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



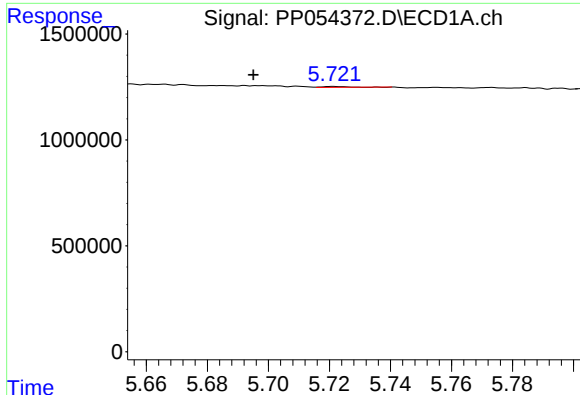
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: -0.007 min
Response: 470570
Conc: 8.61 ng/ml



#18 AR-1242-3

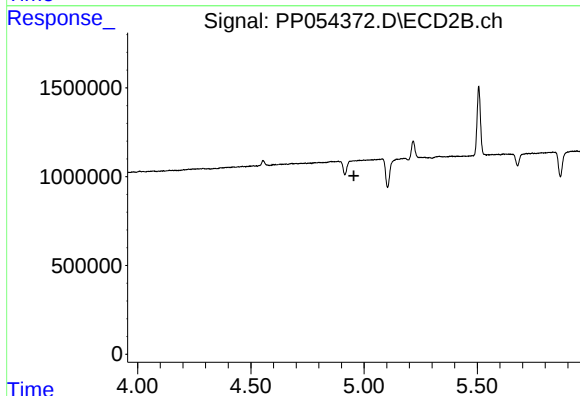
R.T.: 0.000 min
Exp R.T. : 4.871 min
Response: 0
Conc: N.D.



#19 AR-1242-4

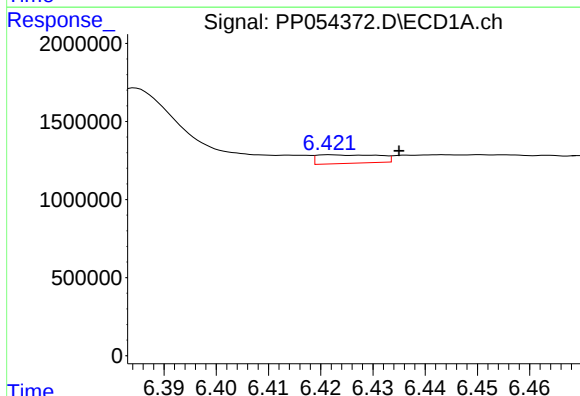
R.T.: 5.721 min
Delta R.T.: 0.026 min
Response: 42399
Conc: 1.01 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



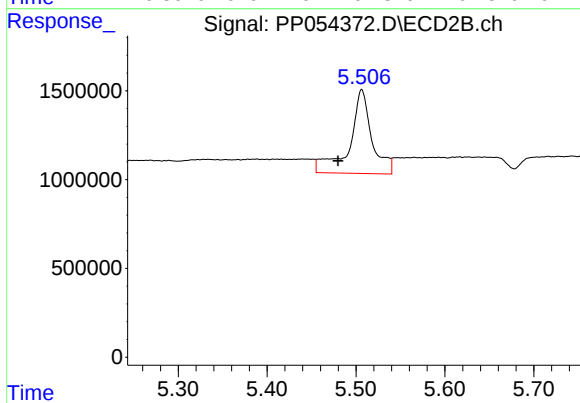
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



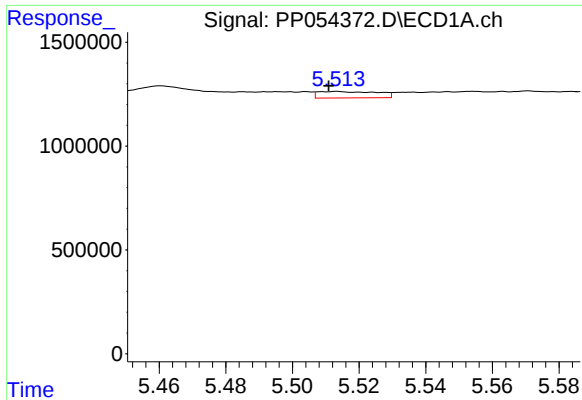
#20 AR-1242-5

R.T.: 6.422 min
Delta R.T.: -0.013 min
Response: 448786
Conc: 13.67 ng/ml



#20 AR-1242-5

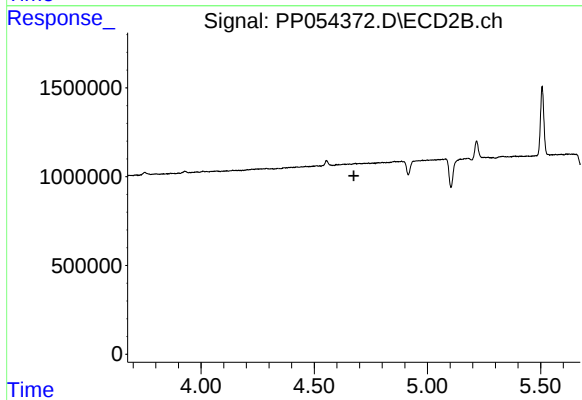
R.T.: 5.507 min
Delta R.T.: 0.027 min
Response: 8242806
Conc: 219.08 ng/ml



#21 AR-1248-1

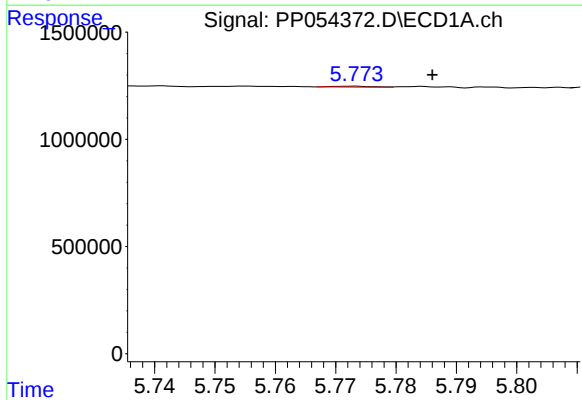
R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 385848
Conc: 8.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



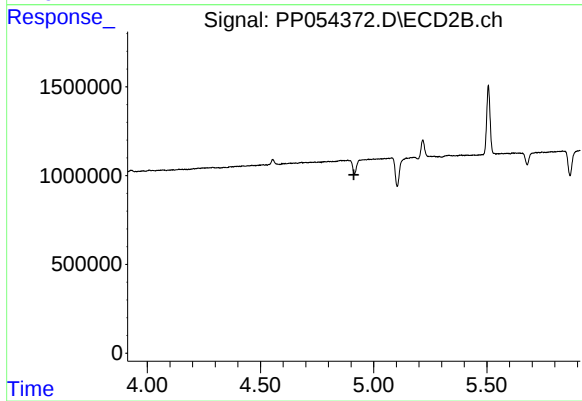
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



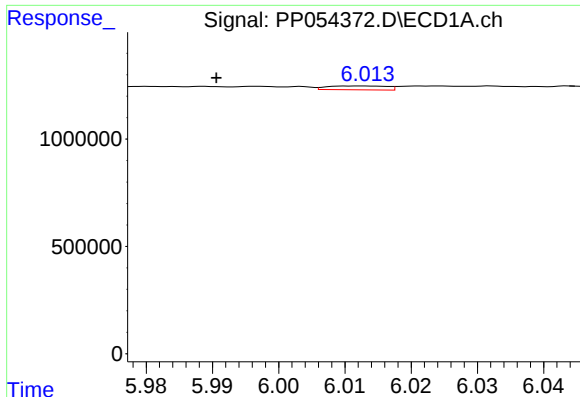
#22 AR-1248-2

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 19896
Conc: 0.31 ng/ml



#22 AR-1248-2

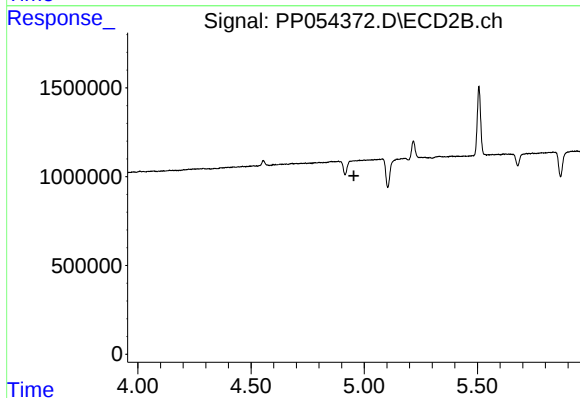
R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#23 AR-1248-3

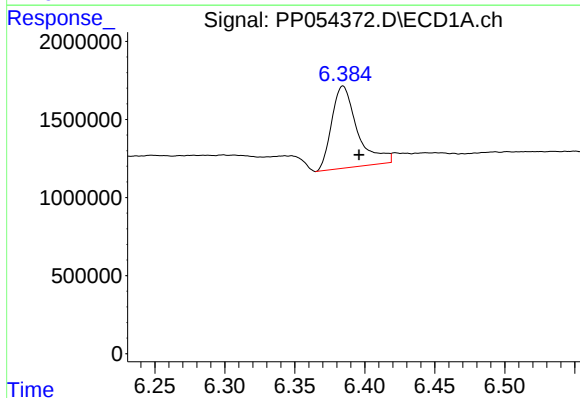
R.T.: 6.012 min
Delta R.T.: 0.021 min
Response: 110226
Conc: 1.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



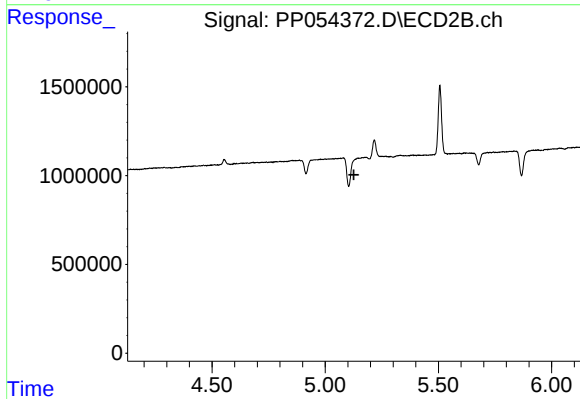
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.954 min
Response: 0
Conc: N.D.



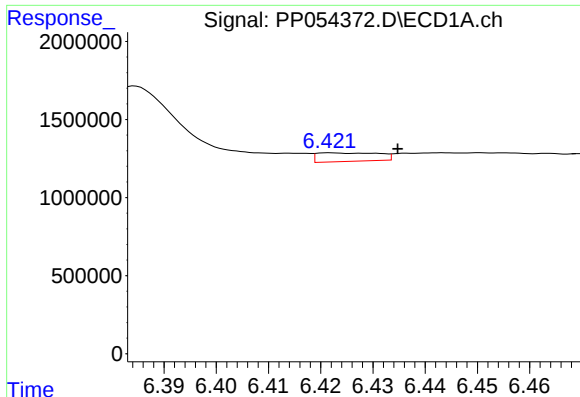
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.011 min
Response: 6711343
Conc: 115.86 ng/ml



#24 AR-1248-4

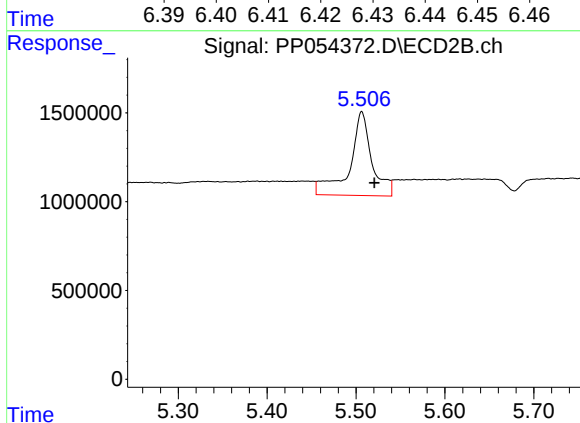
R.T.: 0.000 min
Exp R.T. : 5.126 min
Response: 0
Conc: N.D.



#25 AR-1248-5

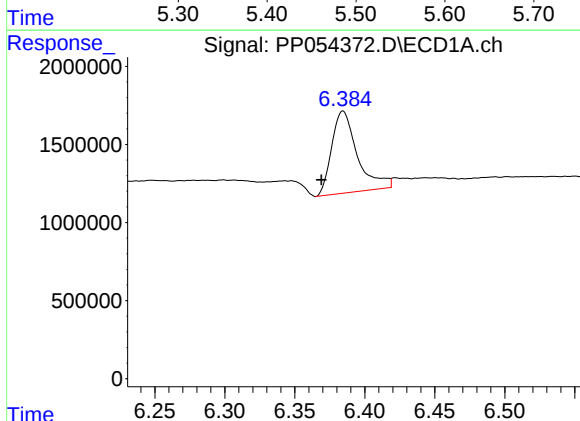
R.T.: 6.422 min
Delta R.T.: -0.013 min
Response: 448786
Conc: 8.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



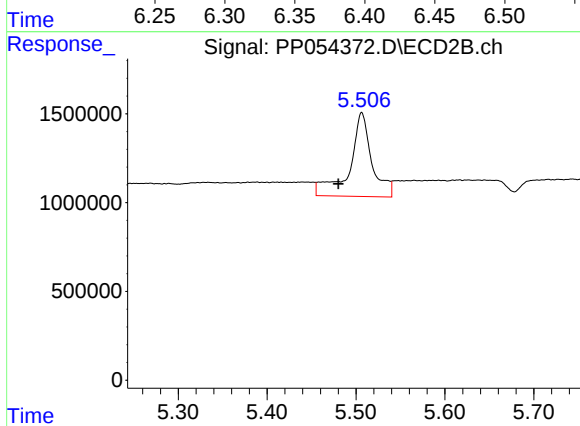
#25 AR-1248-5

R.T.: 5.507 min
Delta R.T.: -0.014 min
Response: 8242806
Conc: 166.20 ng/ml



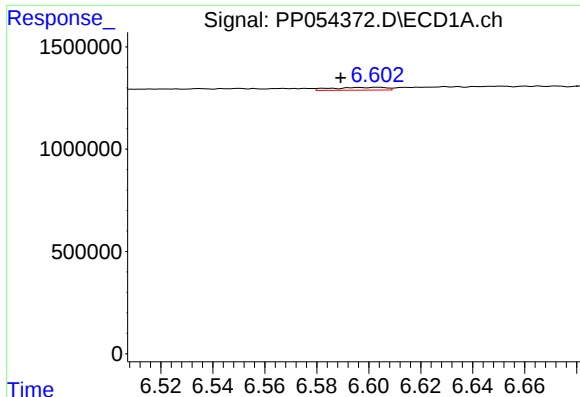
#26 AR-1254-1

R.T.: 6.384 min
Delta R.T.: 0.015 min
Response: 6711343
Conc: 108.01 ng/ml



#26 AR-1254-1

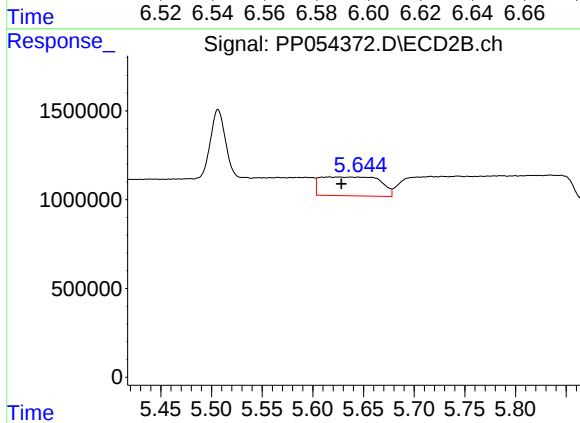
R.T.: 5.507 min
Delta R.T.: 0.026 min
Response: 8242806
Conc: 96.12 ng/ml



#27 AR-1254-2

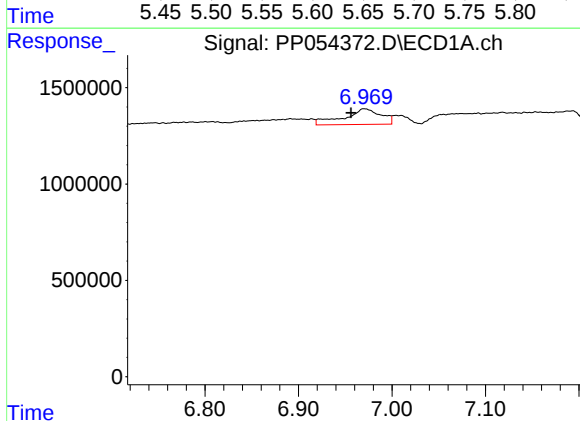
R.T.: 6.603 min
Delta R.T.: 0.014 min
Response: 198088
Conc: 2.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



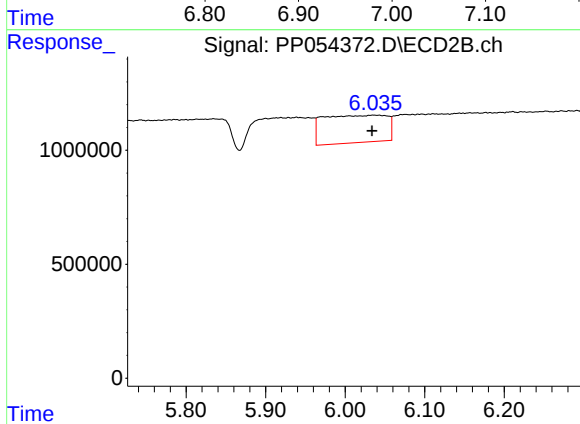
#27 AR-1254-2

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 4321325
Conc: 58.17 ng/ml



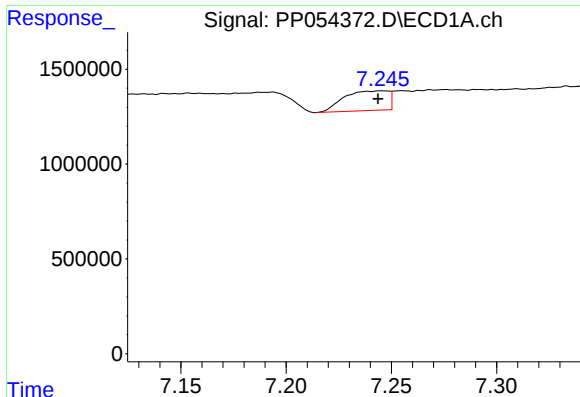
#28 AR-1254-3

R.T.: 6.970 min
Delta R.T.: 0.014 min
Response: 2244807
Conc: 23.65 ng/ml



#28 AR-1254-3

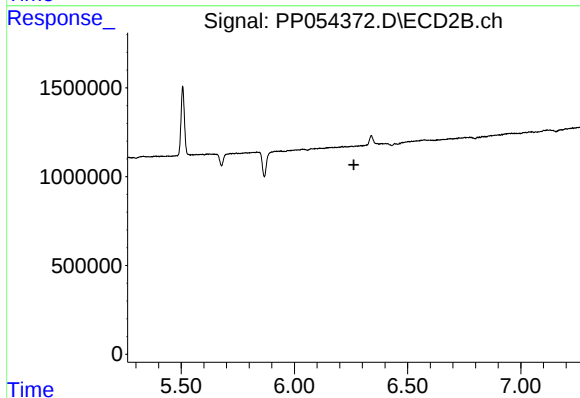
R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 6662151
Conc: 57.40 ng/ml



#29 AR-1254-4

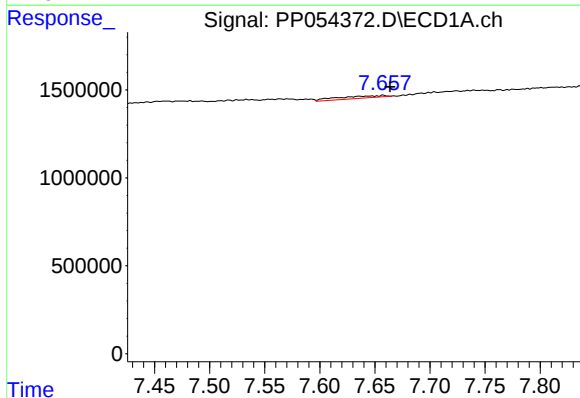
R.T.: 7.245 min
Delta R.T.: 0.002 min
Response: 1528850
Conc: 22.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



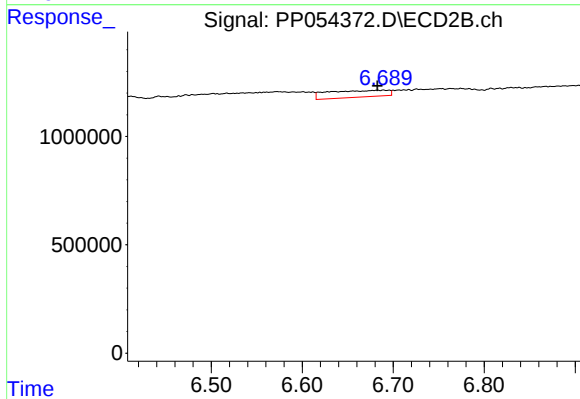
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.263 min
Response: 0
Conc: N.D.



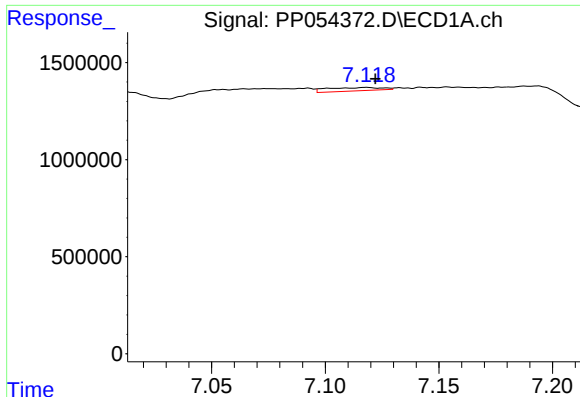
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: -0.006 min
Response: 393892
Conc: 5.18 ng/ml



#30 AR-1254-5

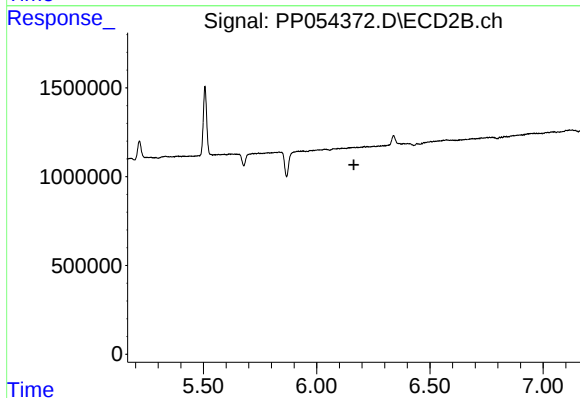
R.T.: 6.690 min
Delta R.T.: 0.008 min
Response: 1433596
Conc: 14.99 ng/ml



#31 AR-1260-1

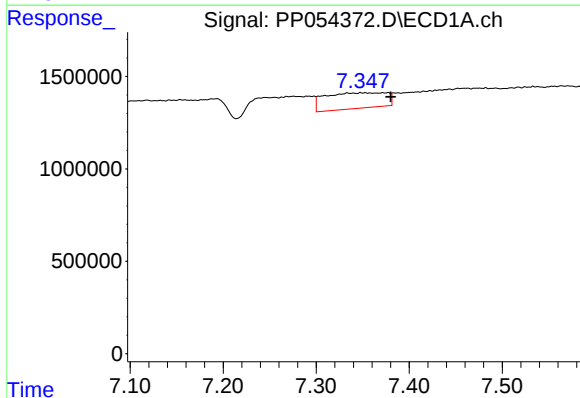
R.T.: 7.118 min
Delta R.T.: -0.004 min
Response: 293739
Conc: 3.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



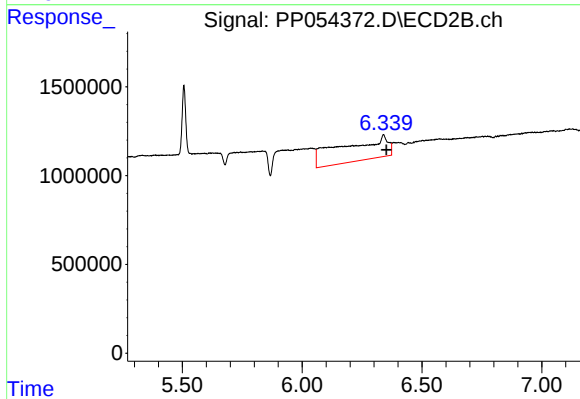
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



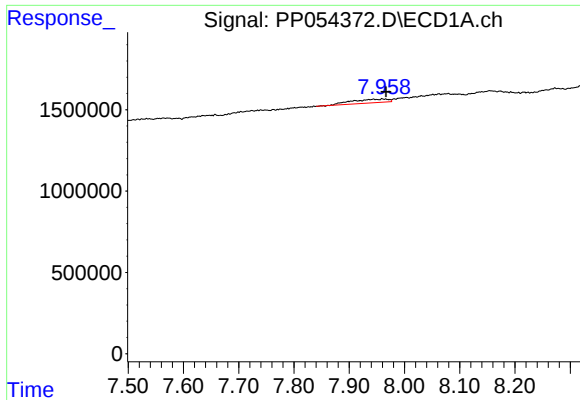
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.003 min
Response: 3899376
Conc: 43.54 ng/ml



#32 AR-1260-2

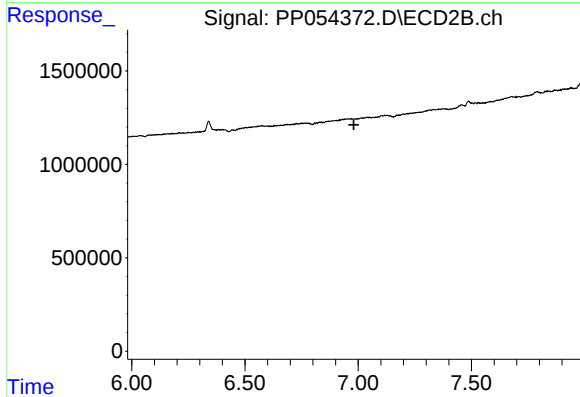
R.T.: 6.339 min
Delta R.T.: -0.013 min
Response: 17226872
Conc: 180.12 ng/ml



#34 AR-1260-4

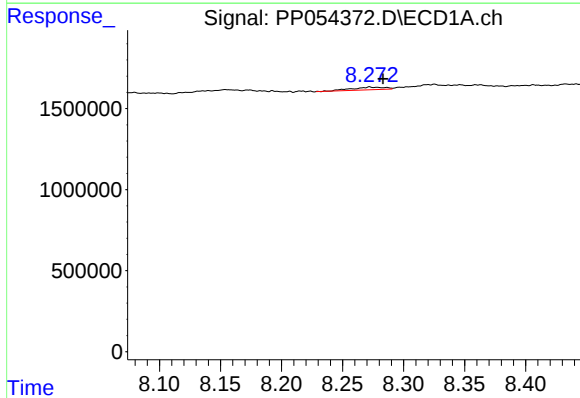
R.T.: 7.945 min
Delta R.T.: -0.022 min
Response: 1048615
Conc: 13.16 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



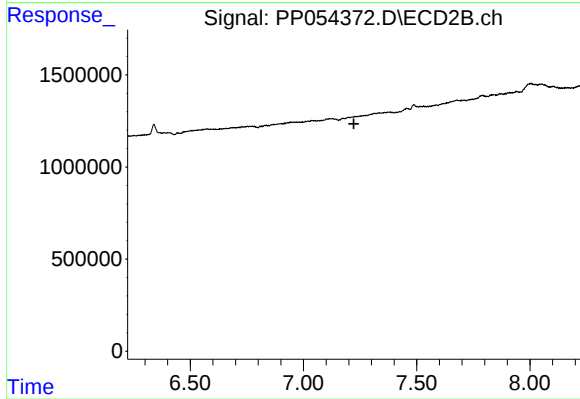
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.981 min
Response: 0
Conc: N.D.



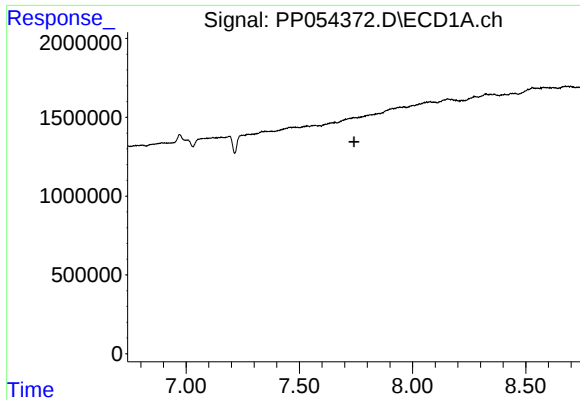
#35 AR-1260-5

R.T.: 8.273 min
Delta R.T.: -0.010 min
Response: 310074
Conc: 2.16 ng/ml



#35 AR-1260-5

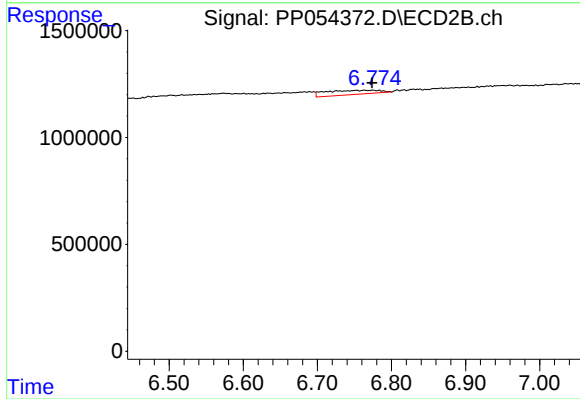
R.T.: 0.000 min
Exp R.T. : 7.223 min
Response: 0
Conc: N.D.



#36 AR-1262-1

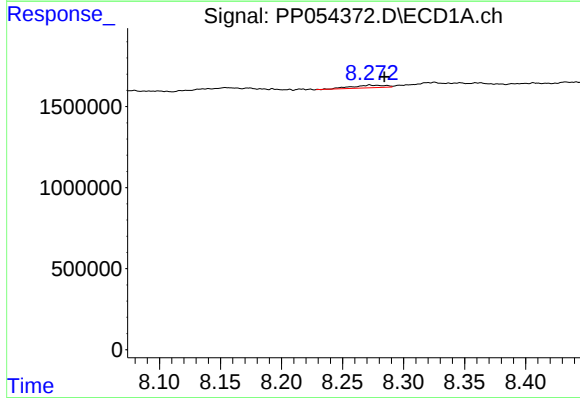
R.T.: 0.000 min
Exp R.T.: 7.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_S
ClientSampleId :
HEXANE



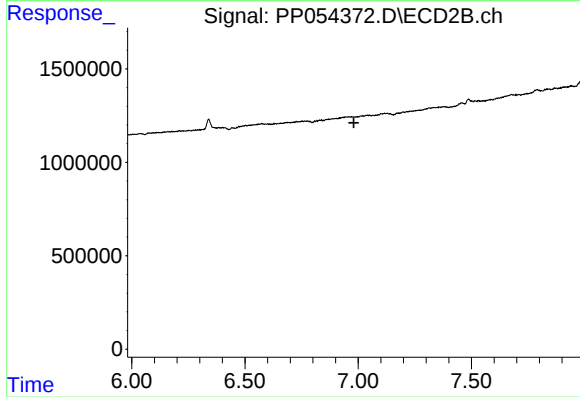
#36 AR-1262-1

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 987325
Conc: 24.18 ng/ml



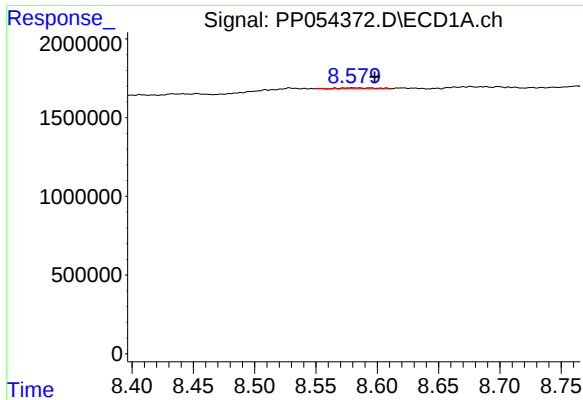
#37 AR-1262-2

R.T.: 8.273 min
Delta R.T.: -0.011 min
Response: 310074
Conc: 2.19 ng/ml



#37 AR-1262-2

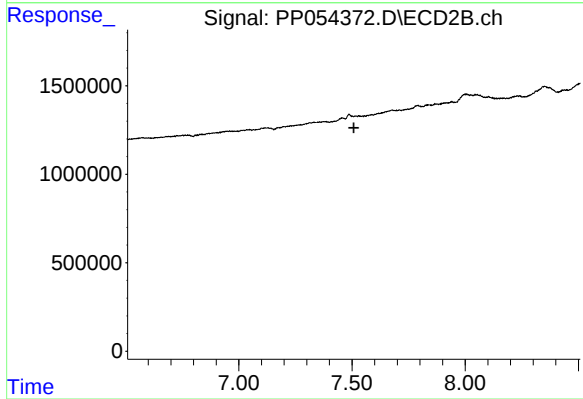
R.T.: 0.000 min
Exp R.T.: 6.981 min
Response: 0
Conc: N.D.



#38 AR-1262-3

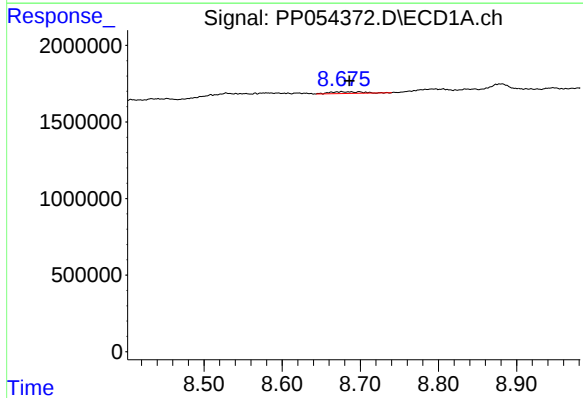
R.T.: 8.581 min
Delta R.T.: -0.017 min
Response: 117800
Conc: 1.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



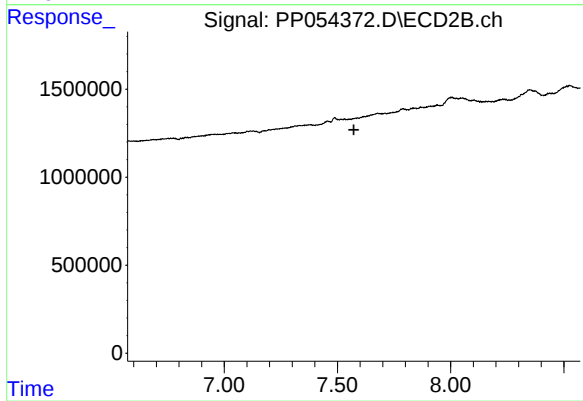
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.508 min
Response: 0
Conc: N.D.



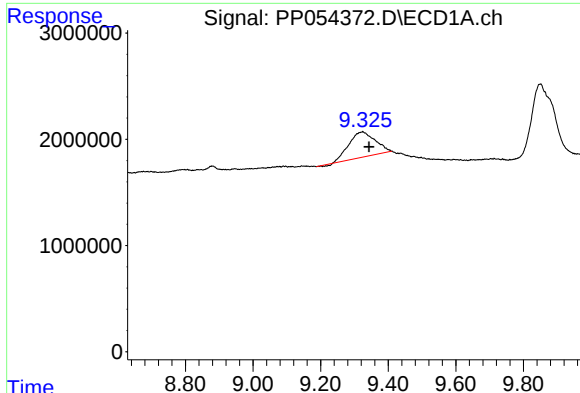
#39 AR-1262-4

R.T.: 8.675 min
Delta R.T.: -0.010 min
Response: 311480
Conc: 6.15 ng/ml



#39 AR-1262-4

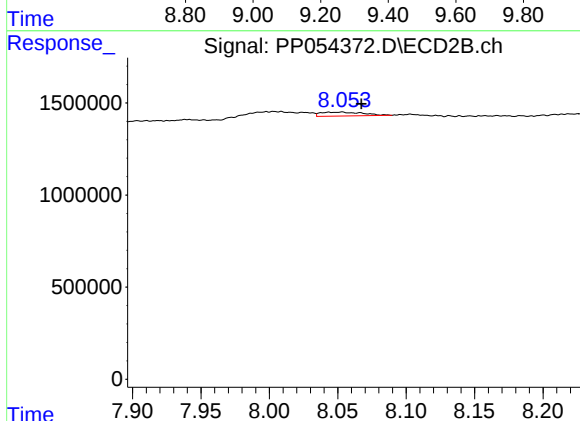
R.T.: 0.000 min
Exp R.T. : 7.573 min
Response: 0
Conc: N.D.



#40 AR-1262-5

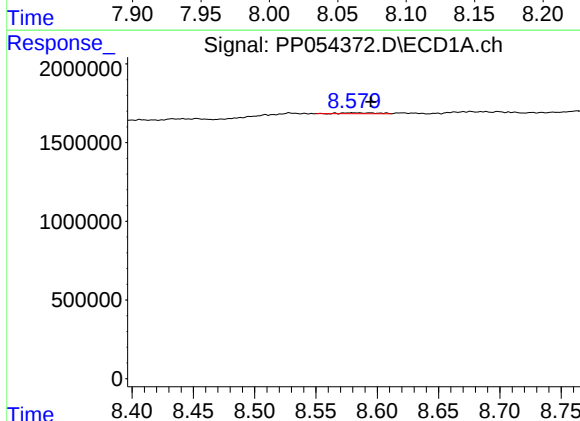
R.T.: 9.324 min
Delta R.T.: -0.020 min
Response: 12830804
Conc: 228.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



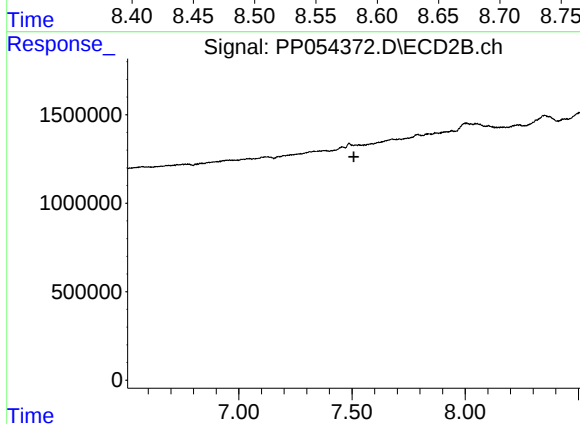
#40 AR-1262-5

R.T.: 8.052 min
Delta R.T.: -0.016 min
Response: 460985
Conc: 8.37 ng/ml



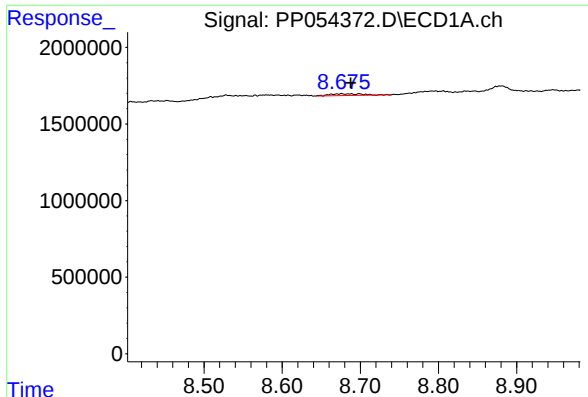
#41 AR-1268-1

R.T.: 8.581 min
Delta R.T.: -0.014 min
Response: 117800
Conc: 0.60 ng/ml



#41 AR-1268-1

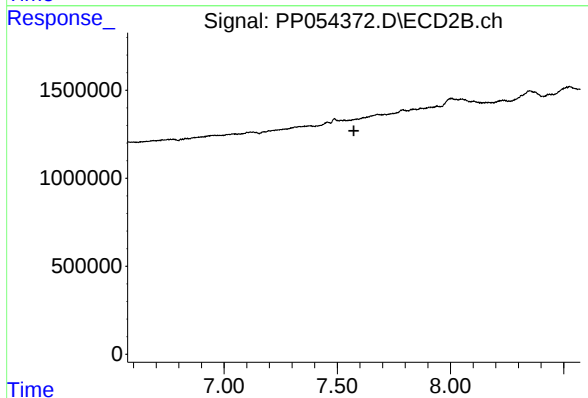
R.T.: 0.000 min
Exp R.T.: 7.509 min
Response: 0
Conc: N.D.



#42 AR-1268-2

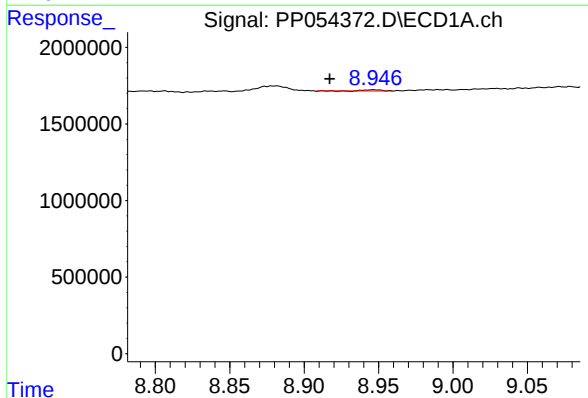
R.T.: 8.675 min
Delta R.T.: -0.012 min
Response: 311480
Conc: 1.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



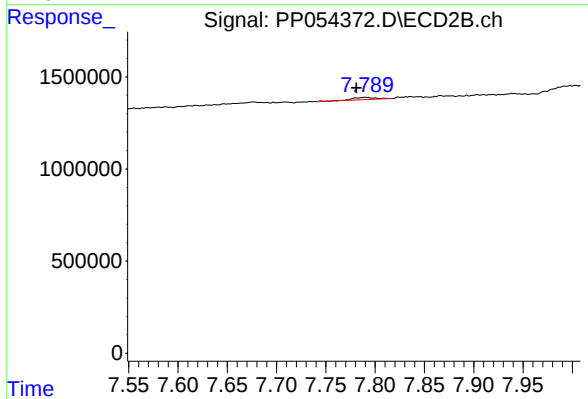
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.573 min
Response: 0
Conc: N.D.



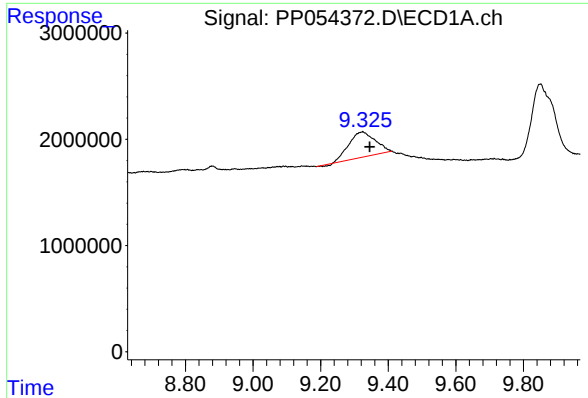
#43 AR-1268-3

R.T.: 8.947 min
Delta R.T.: 0.029 min
Response: 48078
Conc: 0.31 ng/ml



#43 AR-1268-3

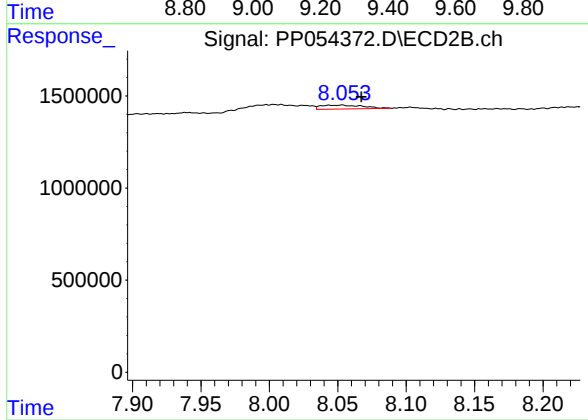
R.T.: 7.790 min
Delta R.T.: 0.009 min
Response: 185892
Conc: 1.09 ng/ml



#44 AR-1268-4

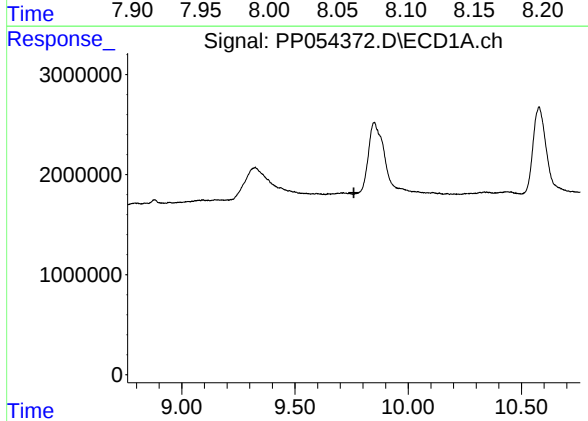
R.T.: 9.324 min
Delta R.T.: -0.021 min
Response: 12830804
Conc: 187.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
HEXANE



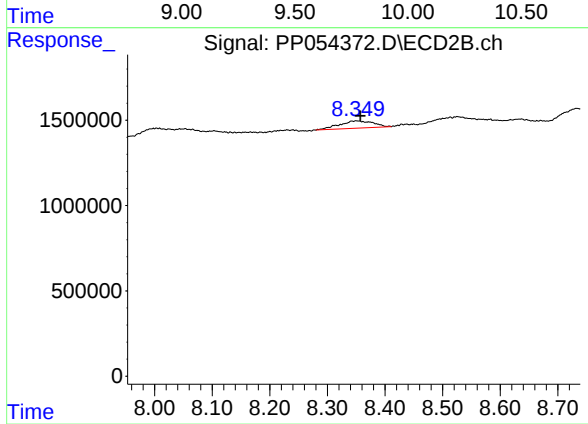
#44 AR-1268-4

R.T.: 8.052 min
Delta R.T.: -0.016 min
Response: 460985
Conc: 7.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.760 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.006 min
Response: 1766872
Conc: 3.61 ng/ml