

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022820\
 Data File : P0066834.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Feb 2020 7:41
 Operator : DD\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: Feb 28 22:39:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 26 14:12:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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
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System Monitoring Compounds

Target Compounds

3)	L1	AR-1016-1	5.202	4.472	53701	12680	35.151	9.292 #
4)	L1	AR-1016-2	0.000	4.472	0	12680	N.D.	4.486 #
5)	L1	AR-1016-3	0.000	4.647	0	6184	N.D.	4.938 #
6)	L1	AR-1016-4	0.000	4.694	0	4536	N.D.	4.411 #
7)	L1	AR-1016-5	0.000	4.931	0	215753	N.D.	169.398 #
8)	L2	AR-1221-1	0.000	3.562	0	16831	N.D.	35.833 #
10)	L2	AR-1221-3	0.000	3.828	0	11933	N.D.	10.668 #
11)	L3	AR-1232-1	0.000	3.828	0	11933	N.D.	14.392 #
12)	L3	AR-1232-2	0.000	4.472	0	12680	N.D.	12.356 #
13)	L3	AR-1232-3	0.000	4.647	0	6184	N.D.	13.427 #
14)	L3	AR-1232-4	0.000	4.729	0	5302	N.D.	13.087 #
15)	L3	AR-1232-5	0.000	4.931	0	215753	N.D.	520.298 #
16)	L4	AR-1242-1	5.202	4.472	53701	12680	51.748	13.958 #
17)	L4	AR-1242-2	0.000	4.472	0	12680	N.D.	6.815 #
18)	L4	AR-1242-3	0.000	4.647	0	6184	N.D.	7.230 #
19)	L4	AR-1242-4	0.000	4.729	0	5302	N.D.	6.383 #
20)	L4	AR-1242-5	6.112	5.264	586041	437325	644.431	401.788 #
21)	L5	AR-1248-1	5.202	4.472	53701	12680	64.237	16.255 #
22)	L5	AR-1248-2	0.000	4.694	0	4536	N.D.	3.750 #
23)	L5	AR-1248-3	0.000	4.729	0	5302	N.D.	4.274 #
24)	L5	AR-1248-4	6.112	4.931	586041	215753	351.299	147.039 #
25)	L5	AR-1248-5	6.112	5.264	586041	437325	371.723	281.761
26)	L6	AR-1254-1	6.112	5.264	586041	437325	367.274	189.553 #
27)	L6	AR-1254-2	0.000	5.442	0	9581	N.D.	4.723 #
28)	L6	AR-1254-3	6.698	5.799	116937	81550	42.445	24.260 #
29)	L6	AR-1254-4	0.000	6.018	0	158168	N.D.	63.252 #
30)	L6	AR-1254-5	7.354	6.423	86970	104438	34.646	32.923
31)	L7	AR-1260-1	0.000	5.912	0	136816	N.D.	54.892 #
32)	L7	AR-1260-2	7.101	6.090	491444	362367	141.302	115.696
33)	L7	AR-1260-3	7.436	6.239	91770	180805	30.936	61.464 #
34)	L7	AR-1260-4	7.638	6.715	185318	87967	67.606	34.220 #
35)	L7	AR-1260-5	7.993	6.957	51292	79723	8.203	12.847 #
36)	L8	AR-1262-1	7.436	6.423	91770	104438	24.356	66.797 #
37)	L8	AR-1262-2	7.993	6.957	51292	79723	8.311	13.804 #
38)	L8	AR-1262-3	8.336	7.197	1237384	3854	302.306	1.594 #
39)	L8	AR-1262-4	8.336	7.279	1237384	325004	367.049	73.304 #
40)	L8	AR-1262-5	0.000	7.860	0	33714	N.D.	16.609 #
41)	L9	AR-1268-1	0.000	7.197	0	3854	N.D.	0.535 #
42)	L9	AR-1268-2	8.336	7.279	1237384	325004	173.397	48.825 #
43)	L9	AR-1268-3	0.000	7.512	0	15061	N.D.	2.720 #
44)	L9	AR-1268-4	0.000	7.860	0	33714	N.D.	13.855 #

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 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
45) L9	AR-1268-5	0.000	8.076	0	12723	N.D.	0.724 #

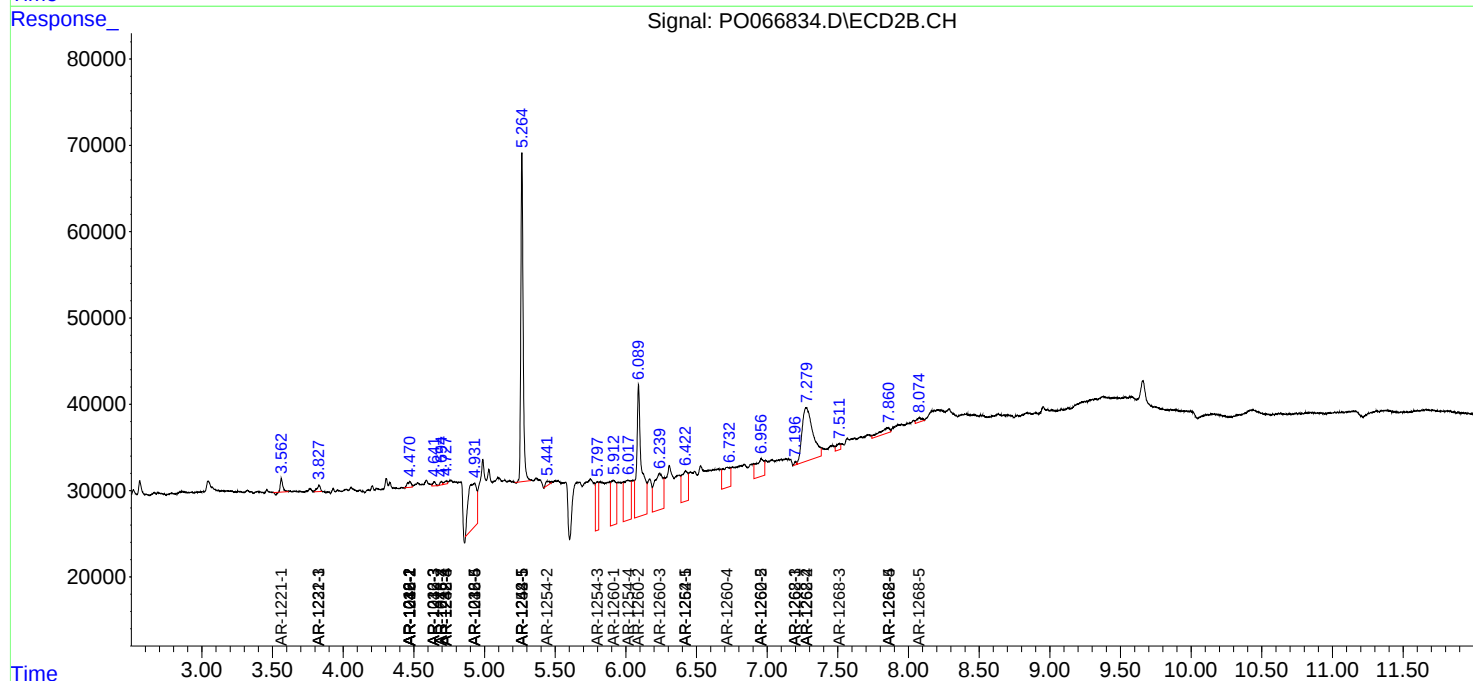
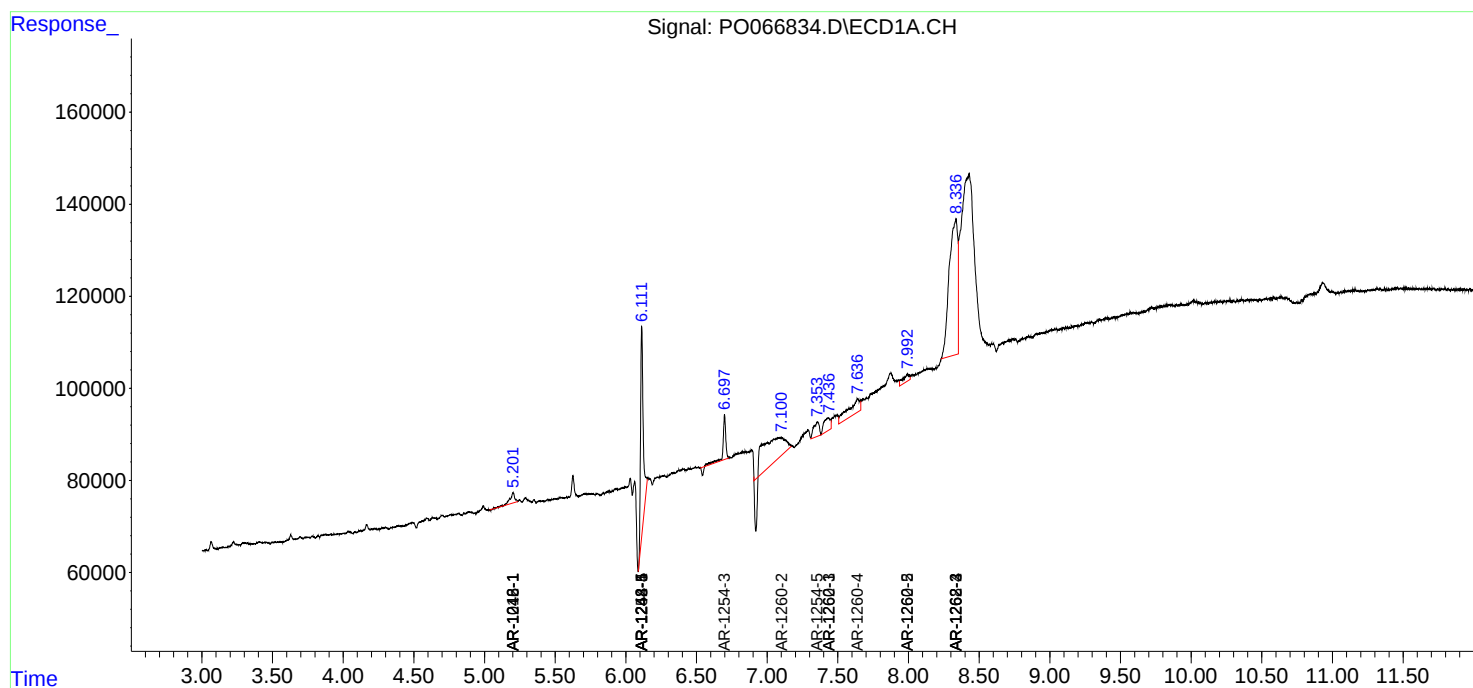
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

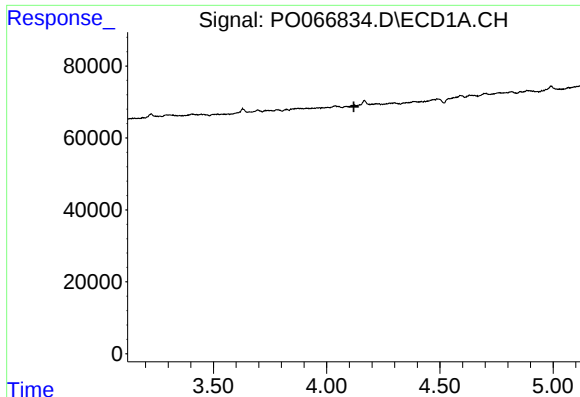
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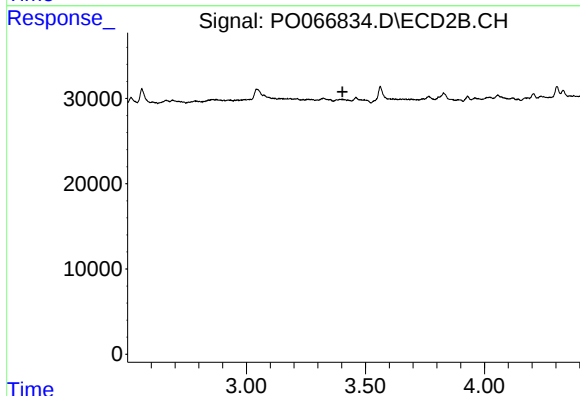




#1 Tetrachloro-m-xylene

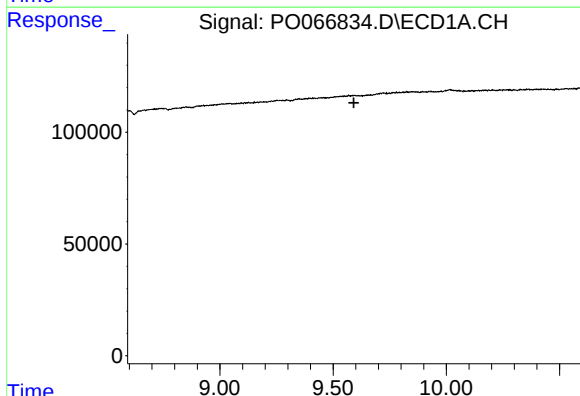
R.T.: 0.000 min
Exp R.T. : 4.120 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



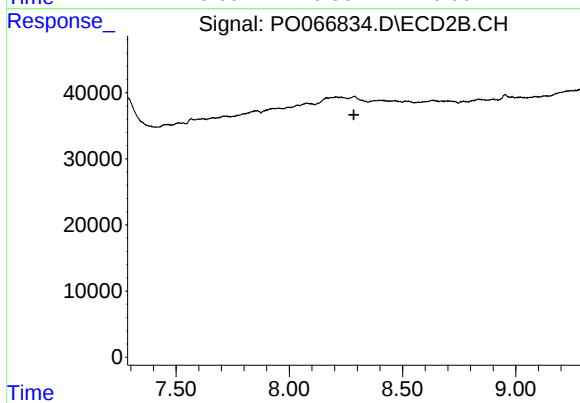
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.403 min
Response: 0
Conc: N.D.



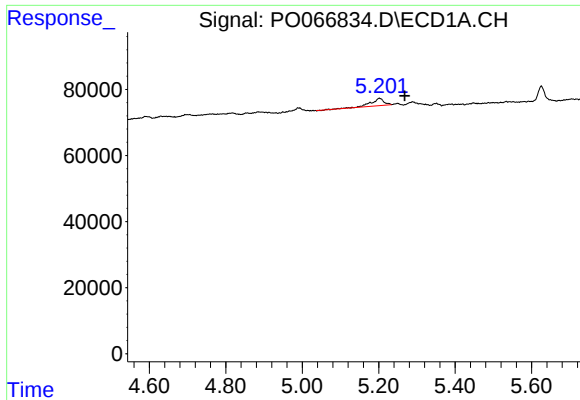
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.592 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

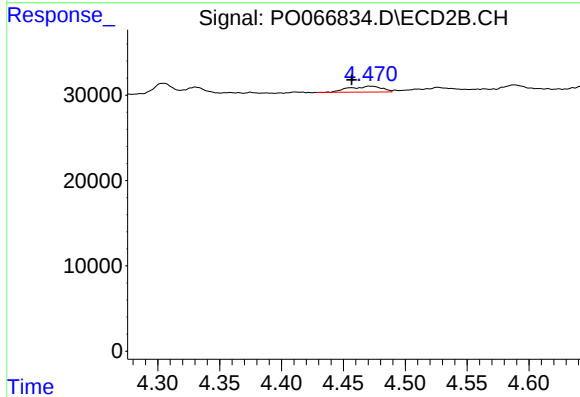
R.T.: 0.000 min
Exp R.T. : 8.285 min
Response: 0
Conc: N.D.



#3 AR-1016-1

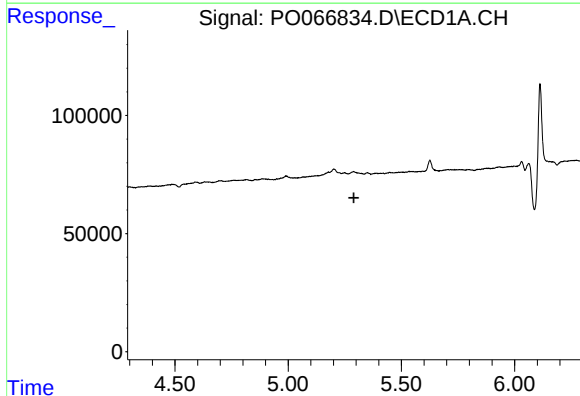
R.T.: 5.202 min
Delta R.T.: -0.067 min
Response: 53701
Conc: 35.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



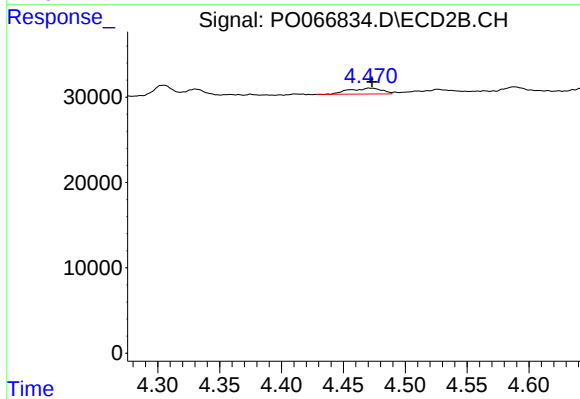
#3 AR-1016-1

R.T.: 4.472 min
Delta R.T.: 0.015 min
Response: 12680
Conc: 9.29 ng/ml



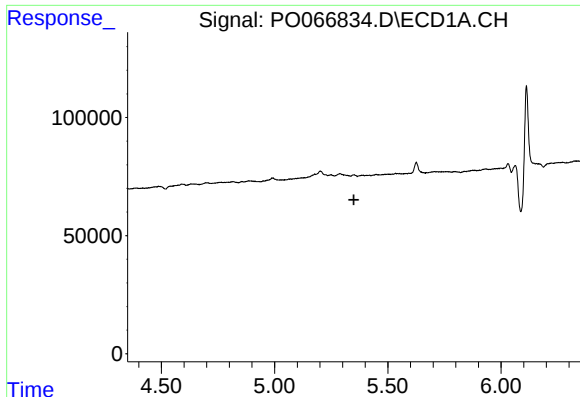
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.290 min
Response: 0
Conc: N.D.



#4 AR-1016-2

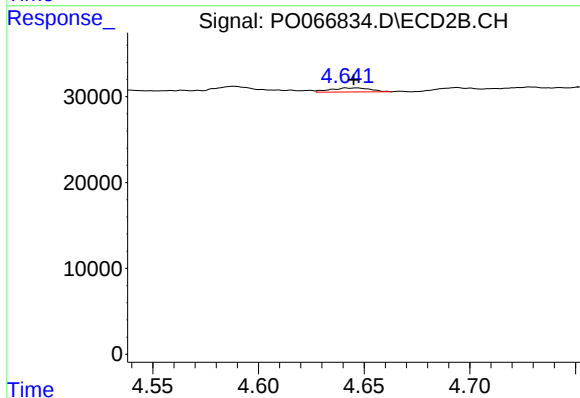
R.T.: 4.472 min
Delta R.T.: -0.002 min
Response: 12680
Conc: 4.49 ng/ml



#5 AR-1016-3

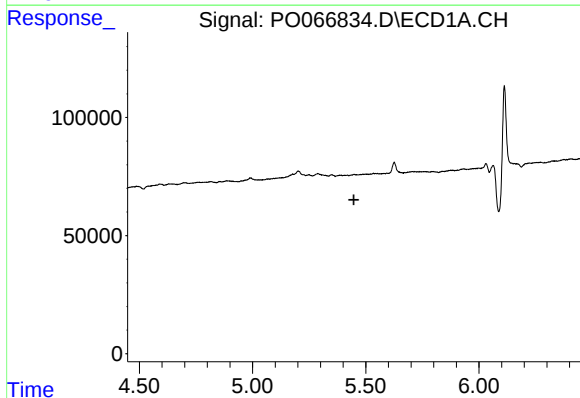
R.T.: 0.000 min
Exp R.T.: 5.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



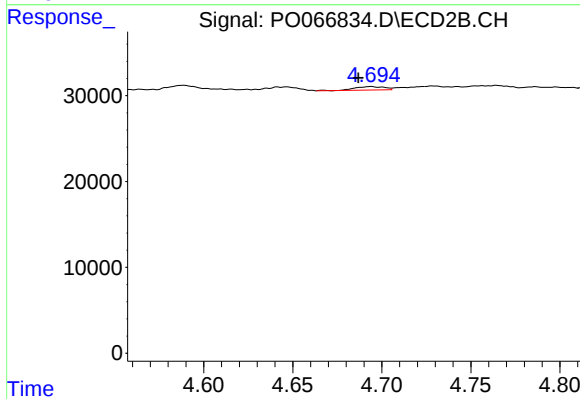
#5 AR-1016-3

R.T.: 4.647 min
Delta R.T.: 0.002 min
Response: 6184
Conc: 4.94 ng/ml



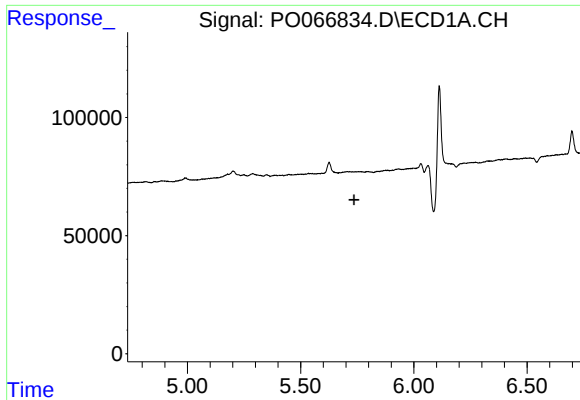
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.448 min
Response: 0
Conc: N.D.



#6 AR-1016-4

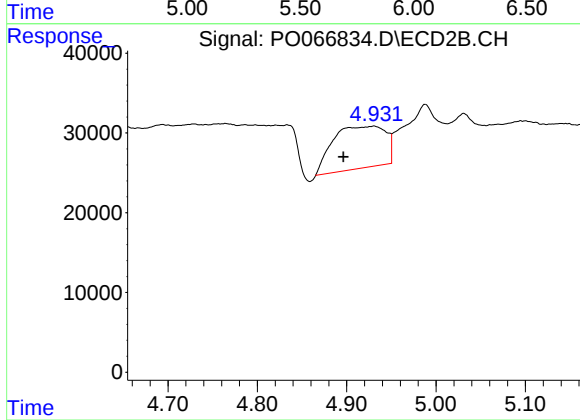
R.T.: 4.694 min
Delta R.T.: 0.007 min
Response: 4536
Conc: 4.41 ng/ml



#7 AR-1016-5

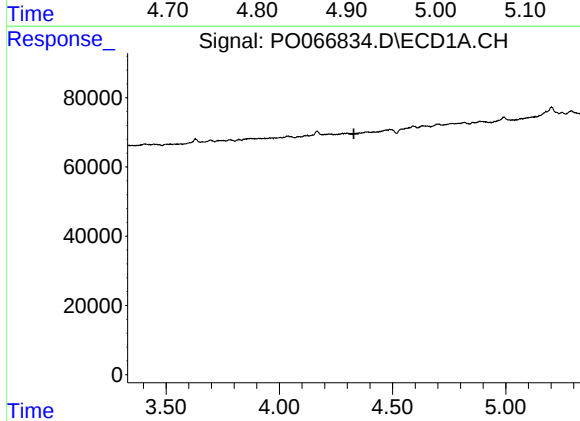
R.T.: 0.000 min
Exp R.T. : 5.736 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



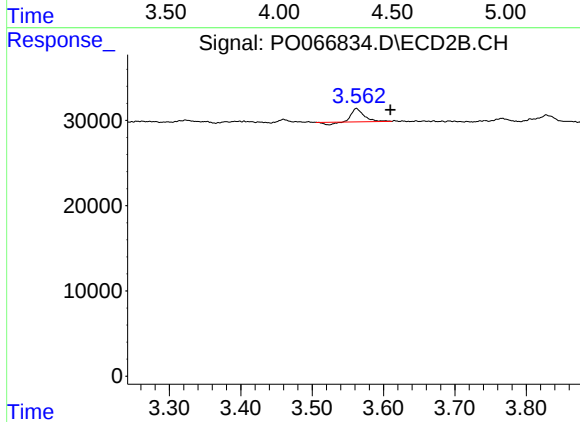
#7 AR-1016-5

R.T.: 4.931 min
Delta R.T.: 0.034 min
Response: 215753
Conc: 169.40 ng/ml



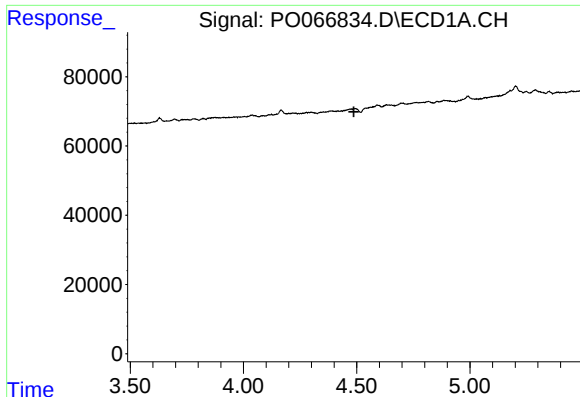
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.329 min
Response: 0
Conc: N.D.



#8 AR-1221-1

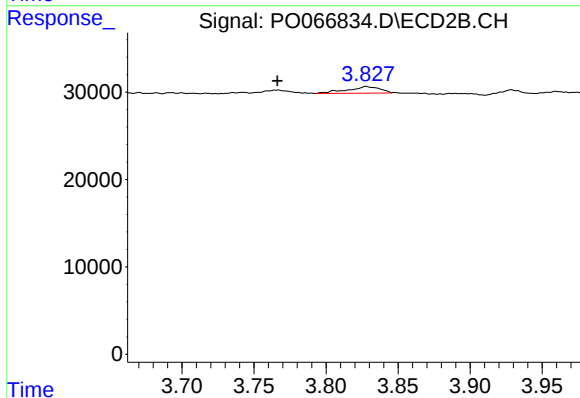
R.T.: 3.562 min
Delta R.T.: -0.048 min
Response: 16831
Conc: 35.83 ng/ml



#10 AR-1221-3

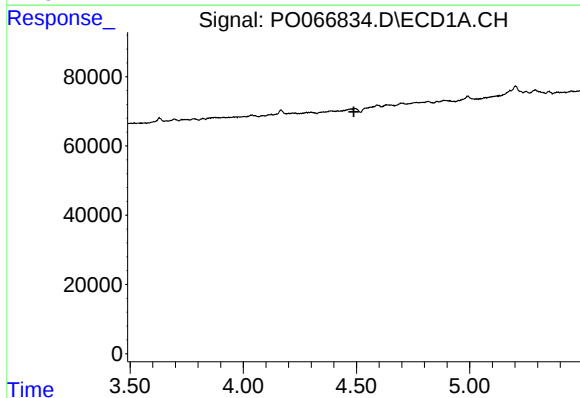
R.T.: 0.000 min
Exp R.T. : 4.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



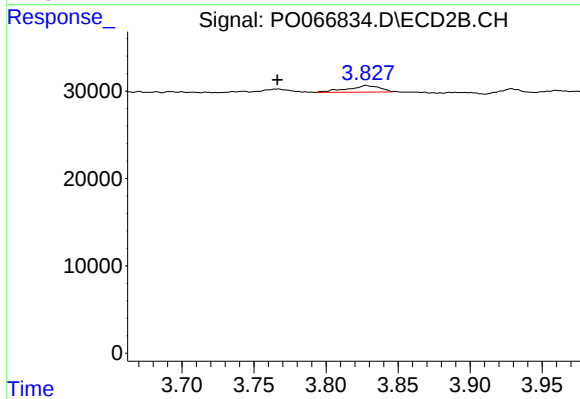
#10 AR-1221-3

R.T.: 3.828 min
Delta R.T.: 0.062 min
Response: 11933
Conc: 10.67 ng/ml



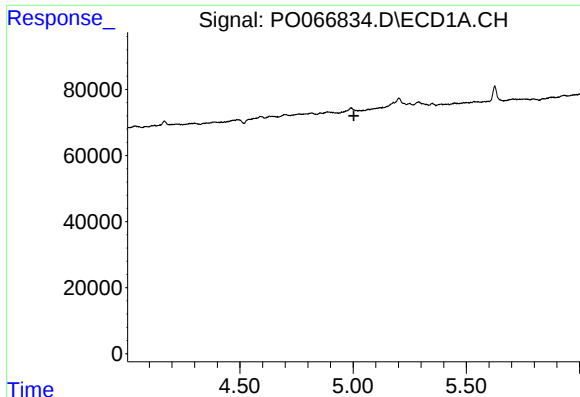
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.488 min
Response: 0
Conc: N.D.



#11 AR-1232-1

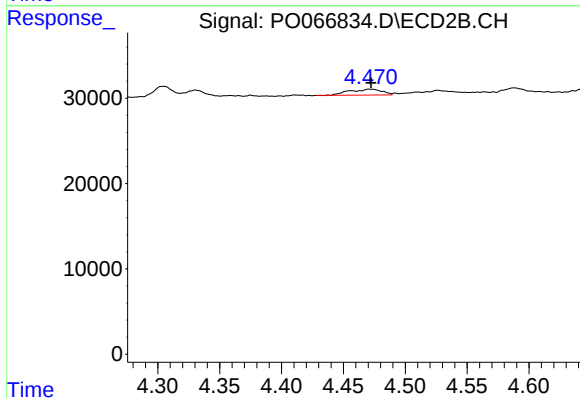
R.T.: 3.828 min
Delta R.T.: 0.062 min
Response: 11933
Conc: 14.39 ng/ml



#12 AR-1232-2

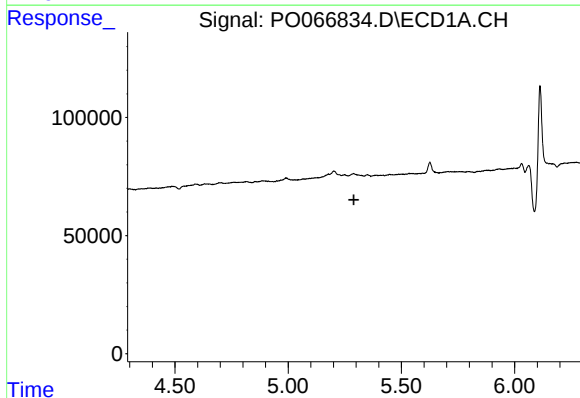
R.T.: 0.000 min
Exp R.T.: 5.004 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



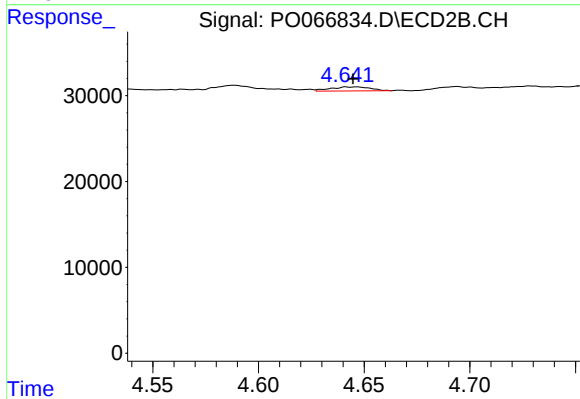
#12 AR-1232-2

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 12680
Conc: 12.36 ng/ml



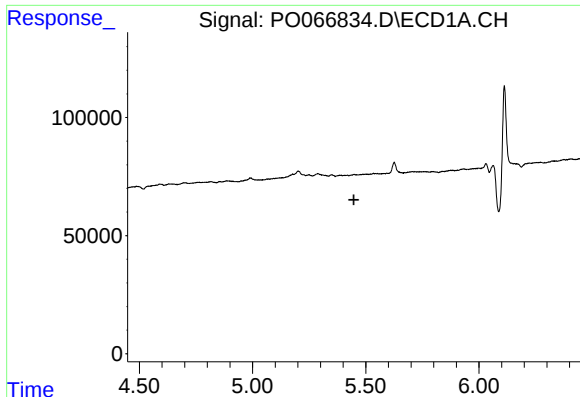
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.



#13 AR-1232-3

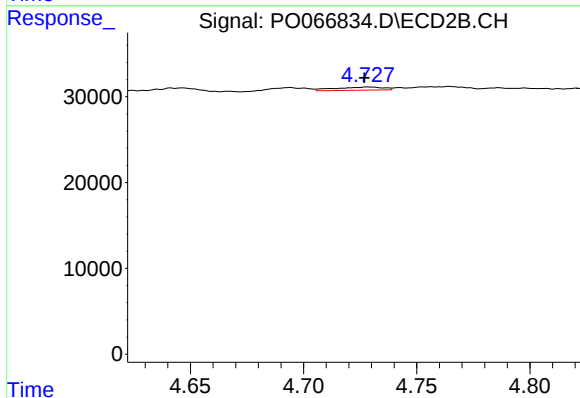
R.T.: 4.647 min
Delta R.T.: 0.002 min
Response: 6184
Conc: 13.43 ng/ml



#14 AR-1232-4

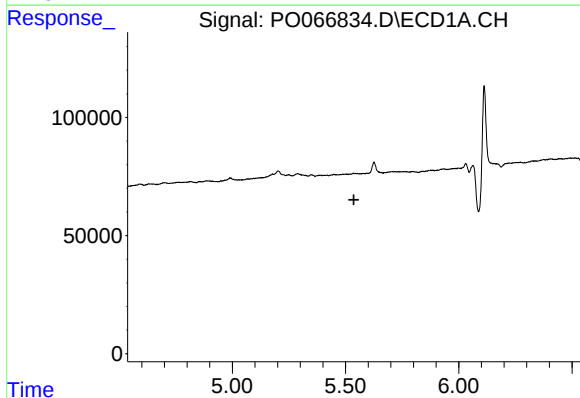
R.T.: 0.000 min
Exp R.T.: 5.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



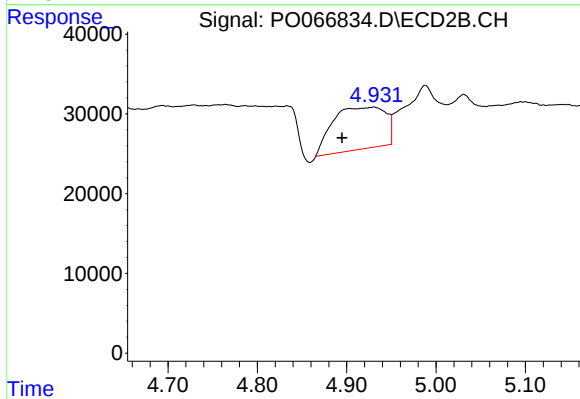
#14 AR-1232-4

R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 5302
Conc: 13.09 ng/ml



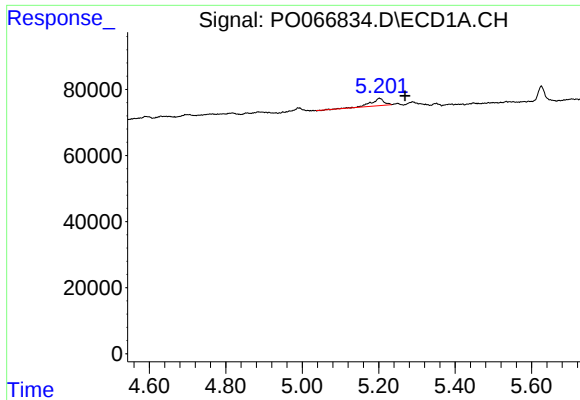
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.537 min
Response: 0
Conc: N.D.



#15 AR-1232-5

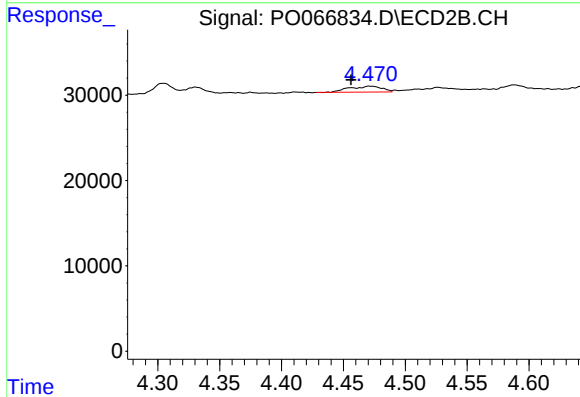
R.T.: 4.931 min
Delta R.T.: 0.036 min
Response: 215753
Conc: 520.30 ng/ml



#16 AR-1242-1

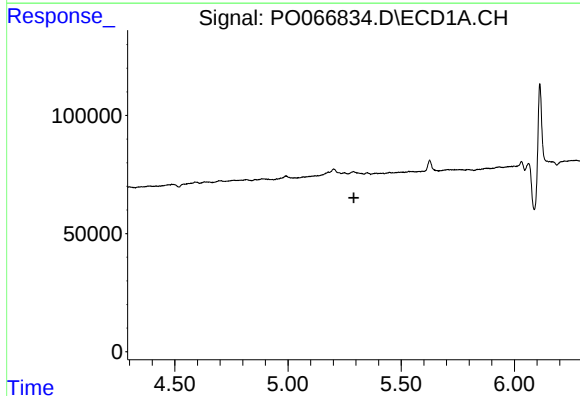
R.T.: 5.202 min
Delta R.T.: -0.067 min
Response: 53701
Conc: 51.75 ng/ml

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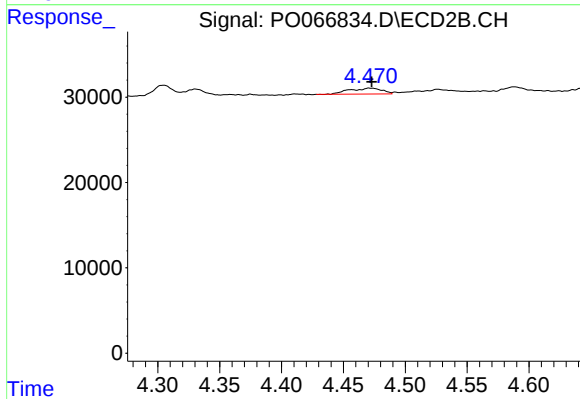
#16 AR-1242-1

R.T.: 4.472 min
Delta R.T.: 0.015 min
Response: 12680
Conc: 13.96 ng/ml



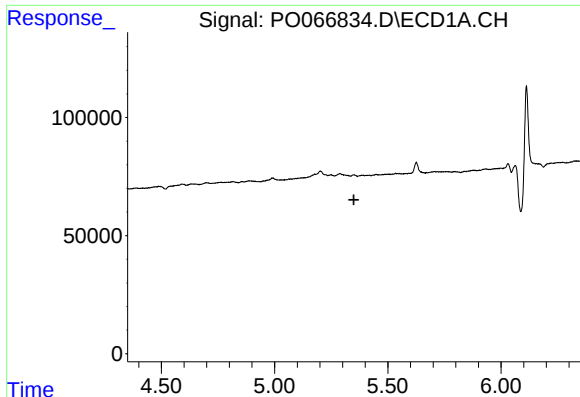
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.291 min
Response: 0
Conc: N.D.



#17 AR-1242-2

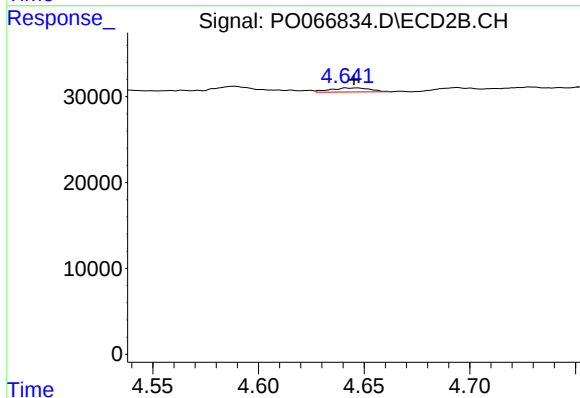
R.T.: 4.472 min
Delta R.T.: -0.001 min
Response: 12680
Conc: 6.81 ng/ml



#18 AR-1242-3

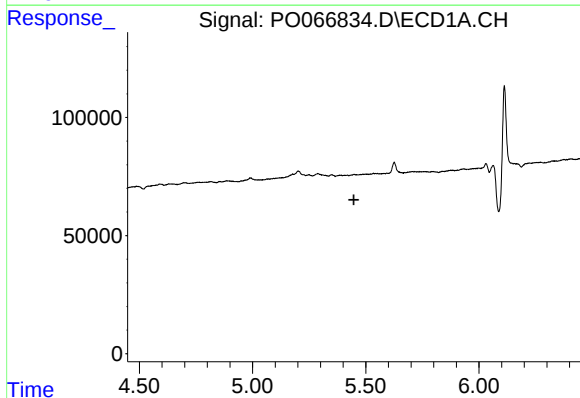
R.T.: 0.000 min
Exp R.T.: 5.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



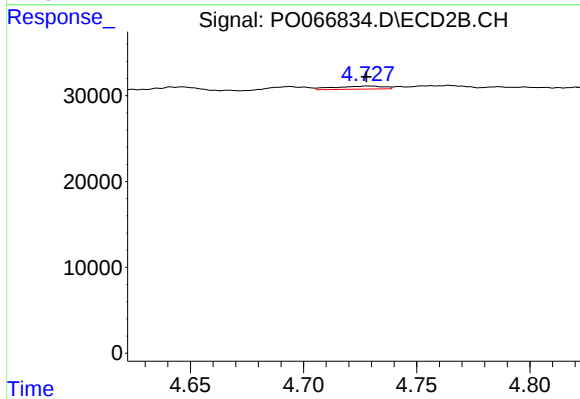
#18 AR-1242-3

R.T.: 4.647 min
Delta R.T.: 0.001 min
Response: 6184
Conc: 7.23 ng/ml



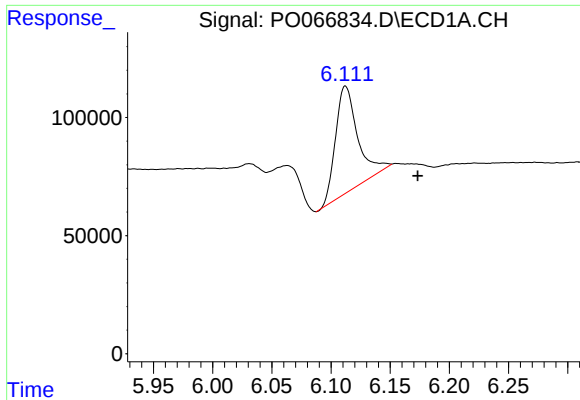
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.448 min
Response: 0
Conc: N.D.



#19 AR-1242-4

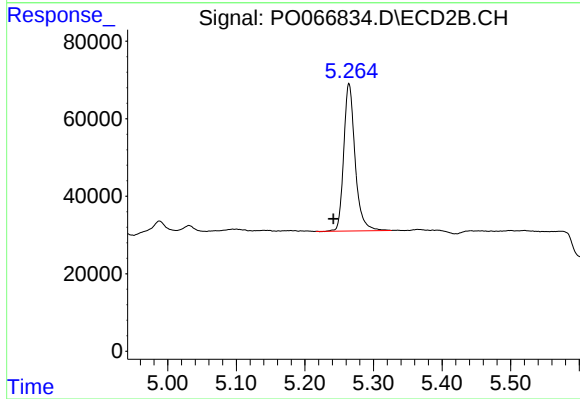
R.T.: 4.729 min
Delta R.T.: 0.001 min
Response: 5302
Conc: 6.38 ng/ml



#20 AR-1242-5

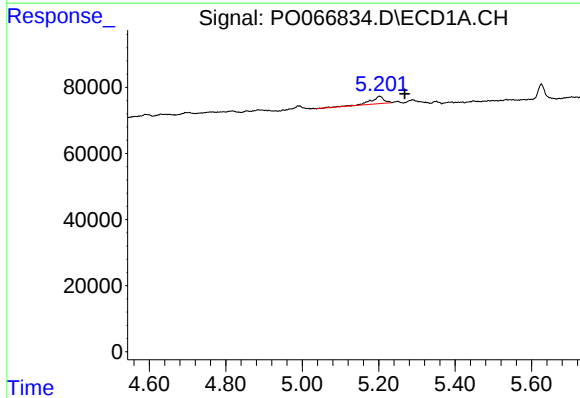
R.T.: 6.112 min
Delta R.T.: -0.061 min
Response: 586041
Conc: 644.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



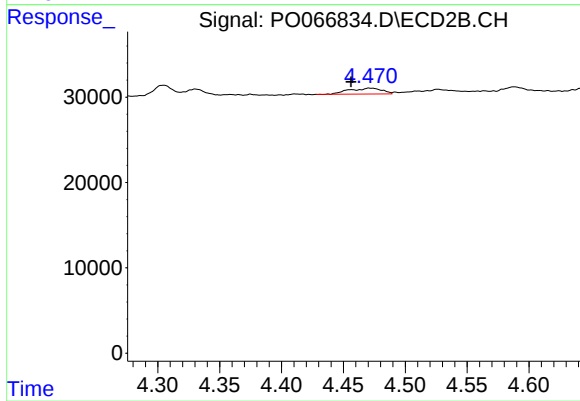
#20 AR-1242-5

R.T.: 5.264 min
Delta R.T.: 0.023 min
Response: 437325
Conc: 401.79 ng/ml



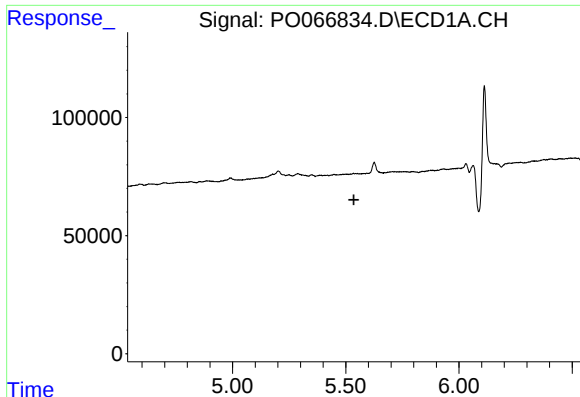
#21 AR-1248-1

R.T.: 5.202 min
Delta R.T.: -0.066 min
Response: 53701
Conc: 64.24 ng/ml



#21 AR-1248-1

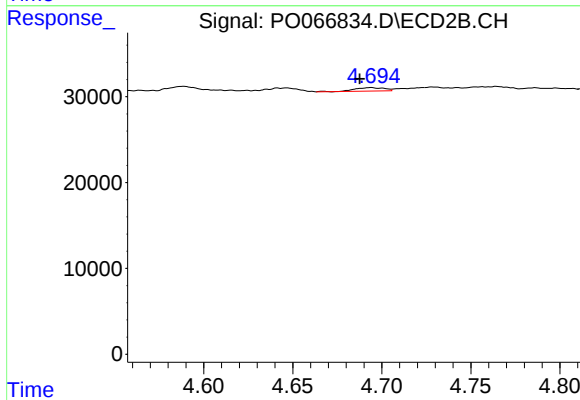
R.T.: 4.472 min
Delta R.T.: 0.015 min
Response: 12680
Conc: 16.25 ng/ml



#22 AR-1248-2

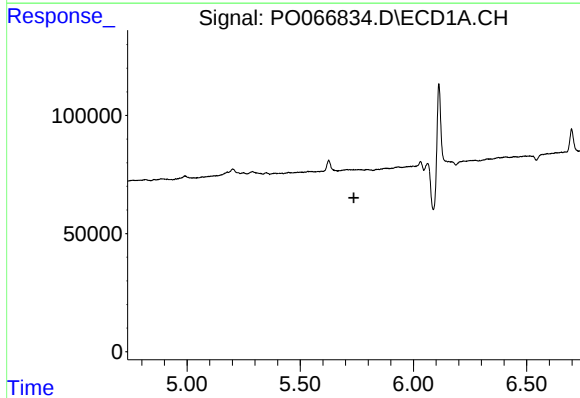
R.T.: 0.000 min
Exp R.T.: 5.536 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



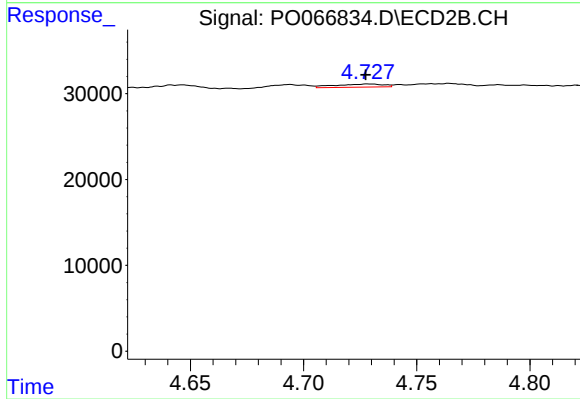
#22 AR-1248-2

R.T.: 4.694 min
Delta R.T.: 0.006 min
Response: 4536
Conc: 3.75 ng/ml



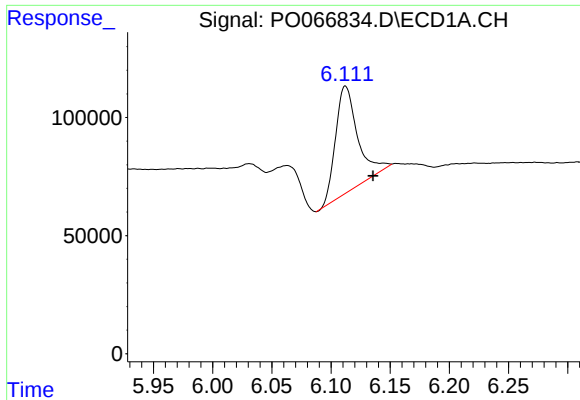
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.737 min
Response: 0
Conc: N.D.



#23 AR-1248-3

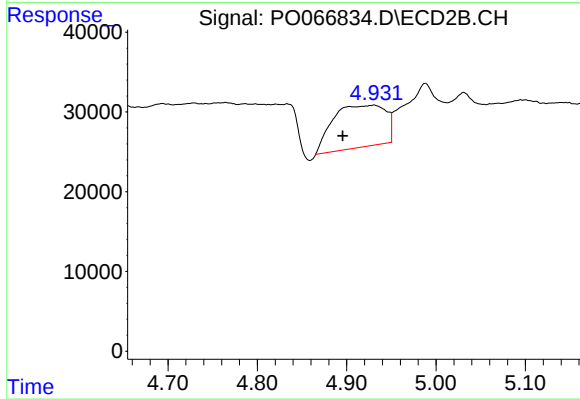
R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 5302
Conc: 4.27 ng/ml



#24 AR-1248-4

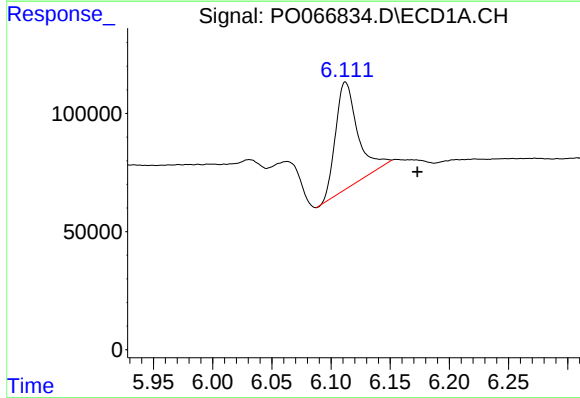
R.T.: 6.112 min
Delta R.T.: -0.023 min
Response: 586041
Conc: 351.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



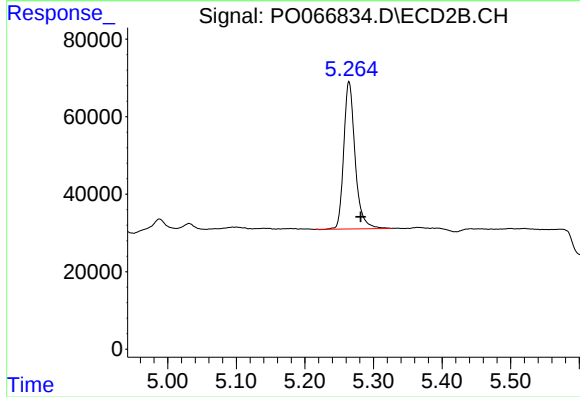
#24 AR-1248-4

R.T.: 4.931 min
Delta R.T.: 0.035 min
Response: 215753
Conc: 147.04 ng/ml



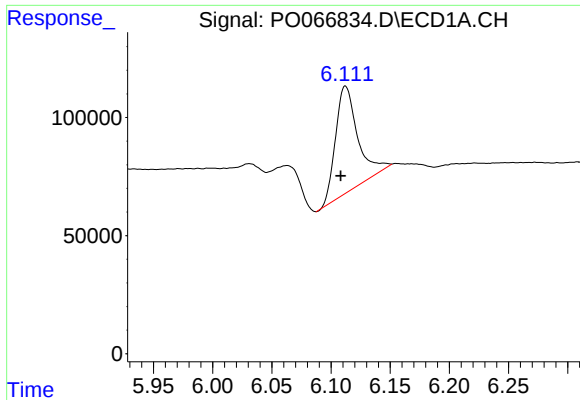
#25 AR-1248-5

R.T.: 6.112 min
Delta R.T.: -0.061 min
Response: 586041
Conc: 371.72 ng/ml



#25 AR-1248-5

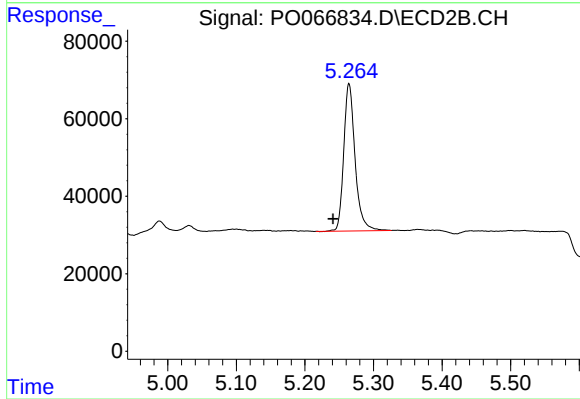
R.T.: 5.264 min
Delta R.T.: -0.017 min
Response: 437325
Conc: 281.76 ng/ml



#26 AR-1254-1

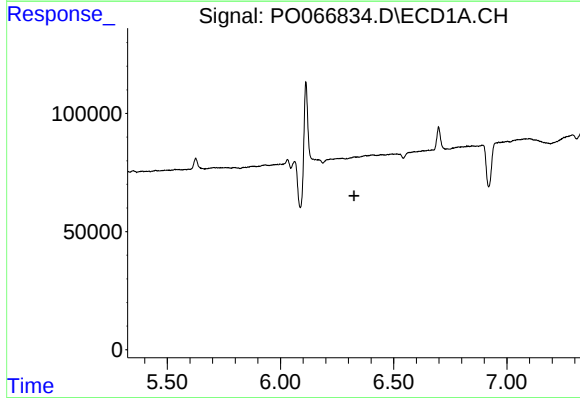
R.T.: 6.112 min
Delta R.T.: 0.004 min
Response: 586041
Conc: 367.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



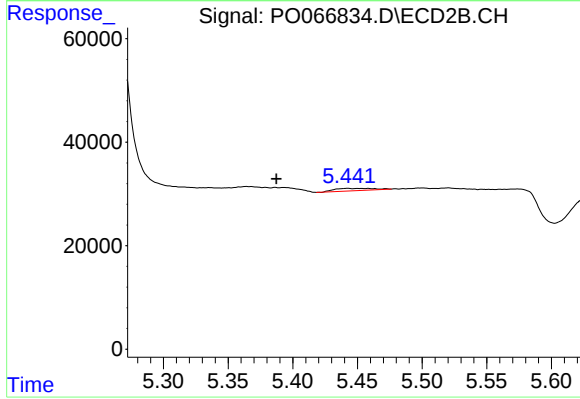
#26 AR-1254-1

R.T.: 5.264 min
Delta R.T.: 0.023 min
Response: 437325
Conc: 189.55 ng/ml



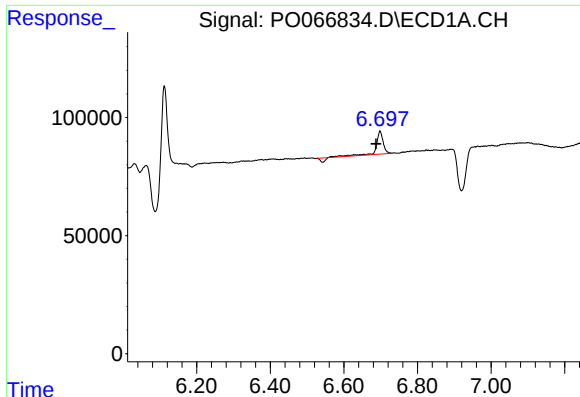
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.325 min
Response: 0
Conc: N.D.



#27 AR-1254-2

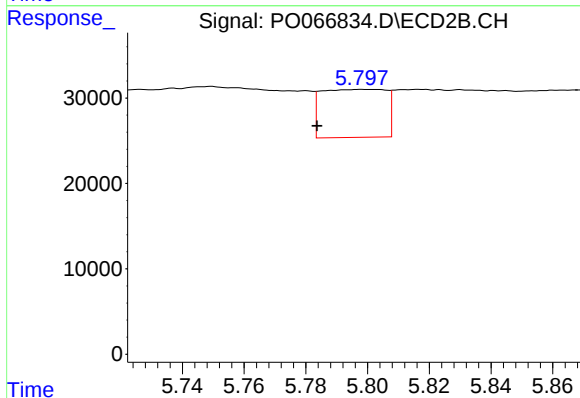
R.T.: 5.442 min
Delta R.T.: 0.055 min
Response: 9581
Conc: 4.72 ng/ml



#28 AR-1254-3

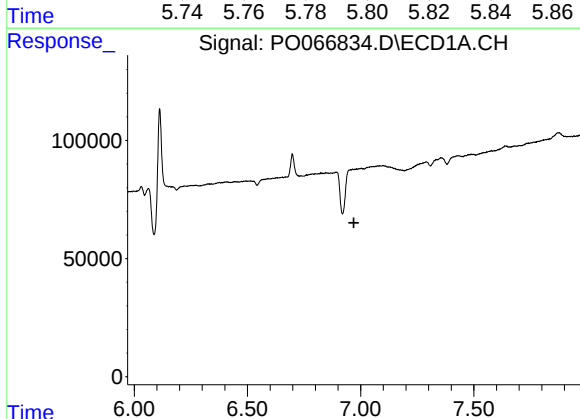
R.T.: 6.698 min
Delta R.T.: 0.011 min
Response: 116937
Conc: 42.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



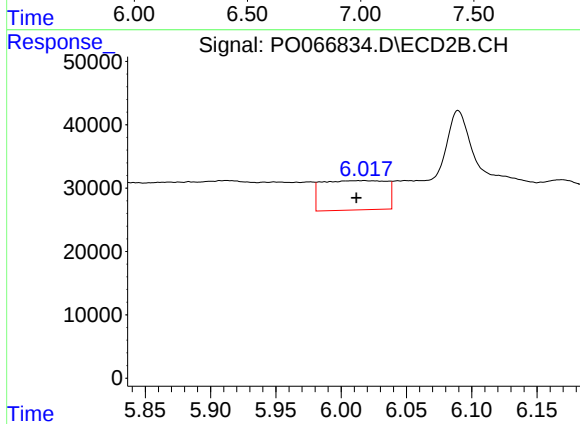
#28 AR-1254-3

R.T.: 5.799 min
Delta R.T.: 0.015 min
Response: 81550
Conc: 24.26 ng/ml



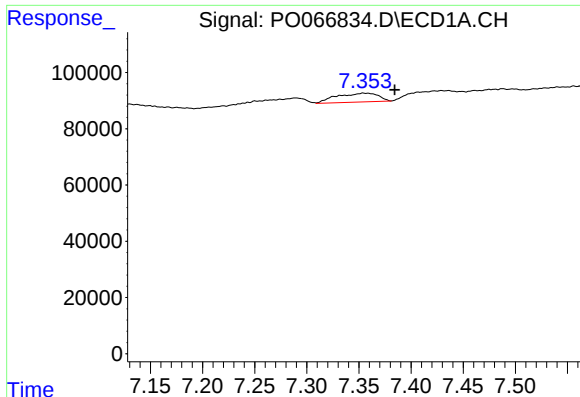
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.970 min
Response: 0
Conc: N.D.



#29 AR-1254-4

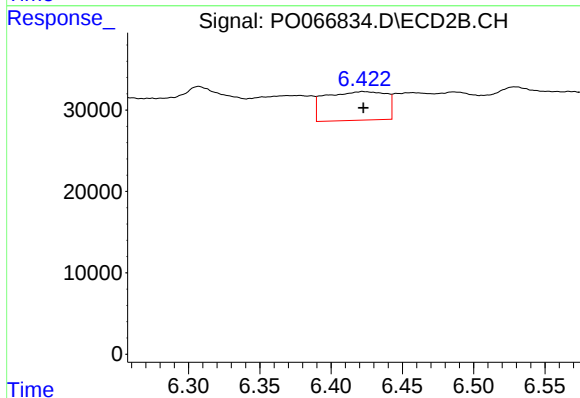
R.T.: 6.018 min
Delta R.T.: 0.006 min
Response: 158168
Conc: 63.25 ng/ml



#30 AR-1254-5

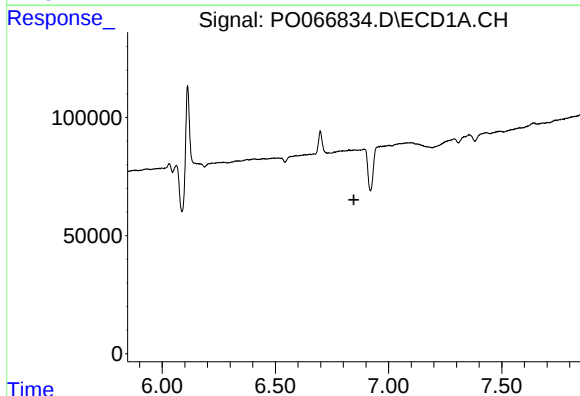
R.T.: 7.354 min
Delta R.T.: -0.030 min
Response: 86970
Conc: 34.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



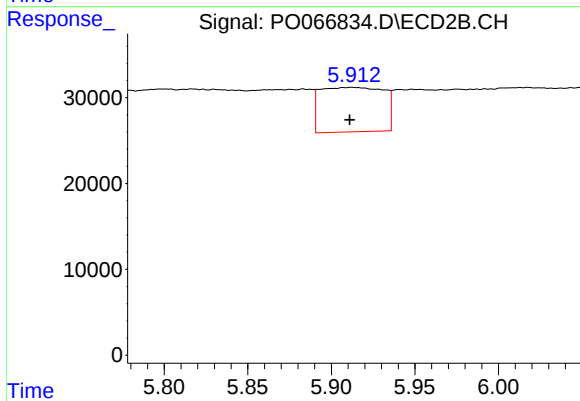
#30 AR-1254-5

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 104438
Conc: 32.92 ng/ml



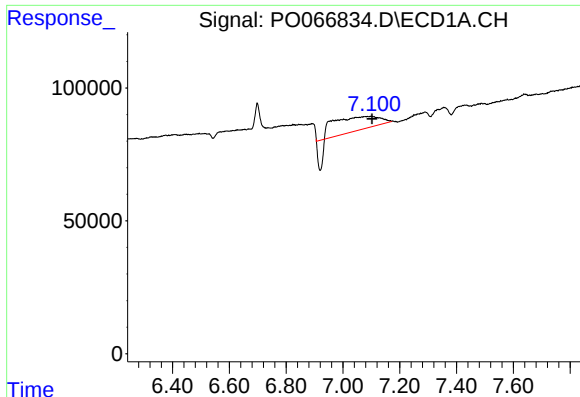
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.847 min
Response: 0
Conc: N.D.



#31 AR-1260-1

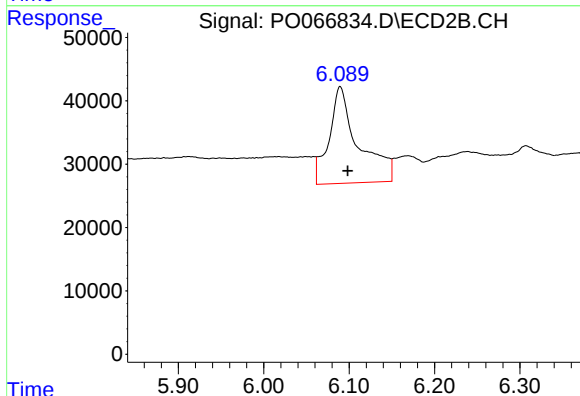
R.T.: 5.912 min
Delta R.T.: 0.001 min
Response: 136816
Conc: 54.89 ng/ml



#32 AR-1260-2

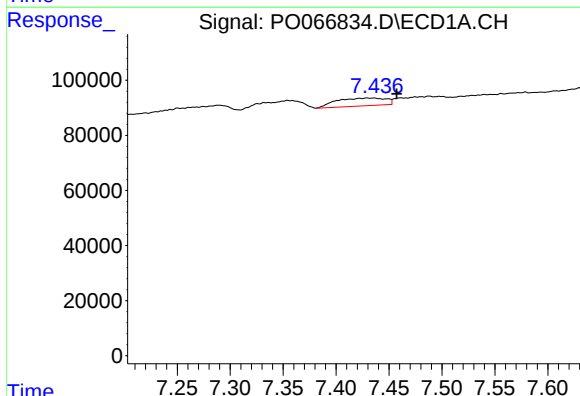
R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 491444
Conc: 141.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



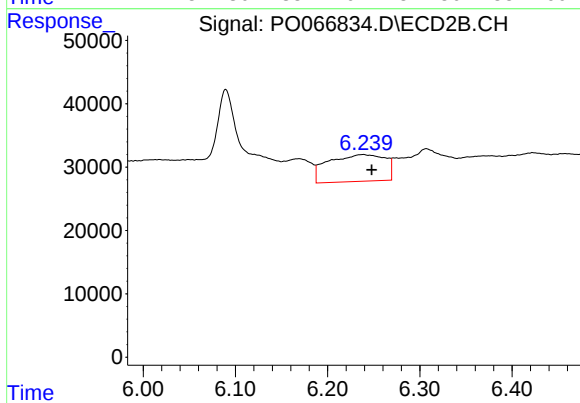
#32 AR-1260-2

R.T.: 6.090 min
Delta R.T.: -0.009 min
Response: 362367
Conc: 115.70 ng/ml



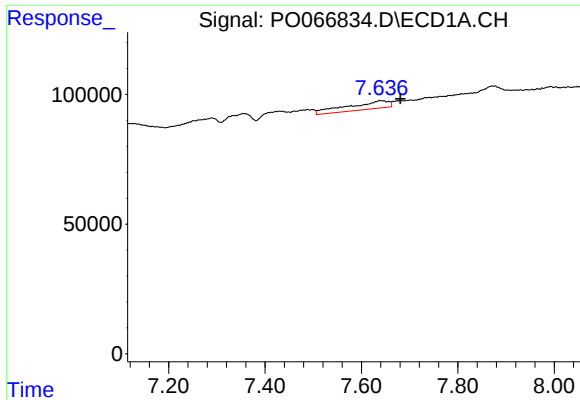
#33 AR-1260-3

R.T.: 7.436 min
Delta R.T.: -0.022 min
Response: 91770
Conc: 30.94 ng/ml



#33 AR-1260-3

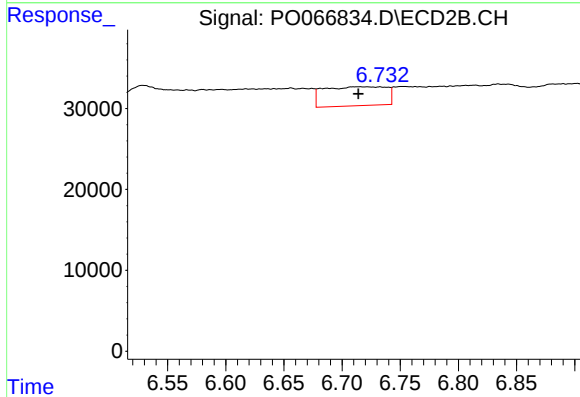
R.T.: 6.239 min
Delta R.T.: -0.009 min
Response: 180805
Conc: 61.46 ng/ml



#34 AR-1260-4

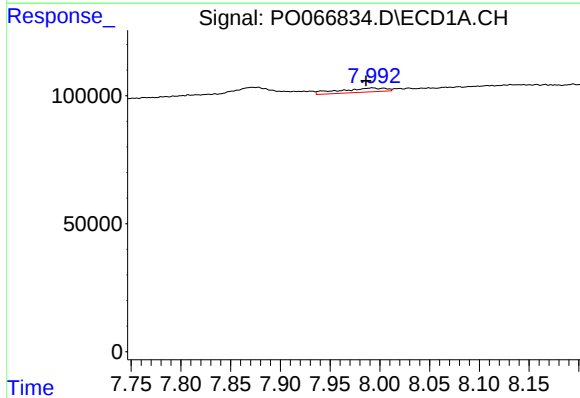
R.T.: 7.638 min
Delta R.T.: -0.043 min
Response: 185318
Conc: 67.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



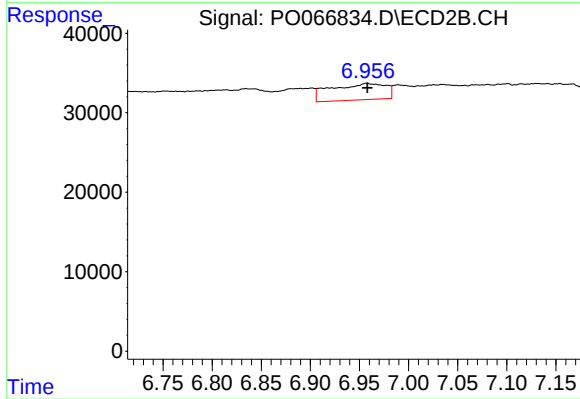
#34 AR-1260-4

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 87967
Conc: 34.22 ng/ml



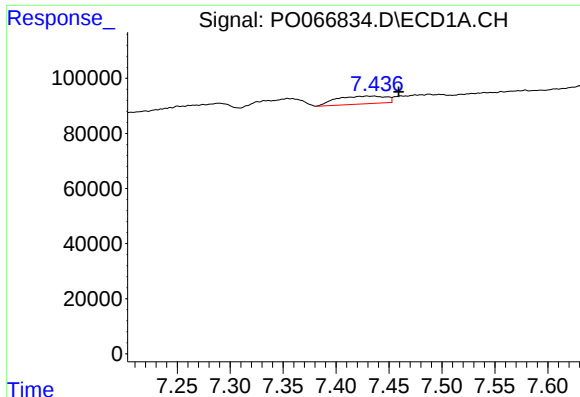
#35 AR-1260-5

R.T.: 7.993 min
Delta R.T.: 0.006 min
Response: 51292
Conc: 8.20 ng/ml



#35 AR-1260-5

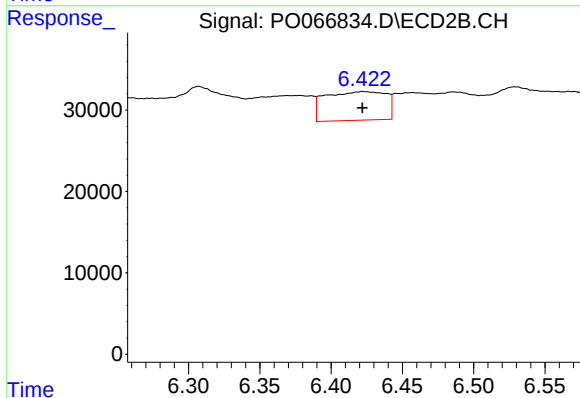
R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 79723
Conc: 12.85 ng/ml



#36 AR-1262-1

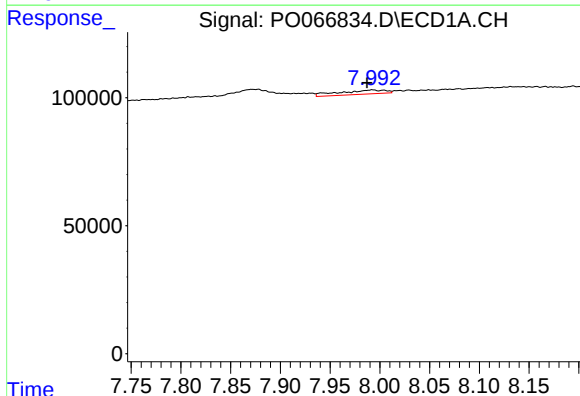
R.T.: 7.436 min
Delta R.T.: -0.024 min
Response: 91770
Conc: 24.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



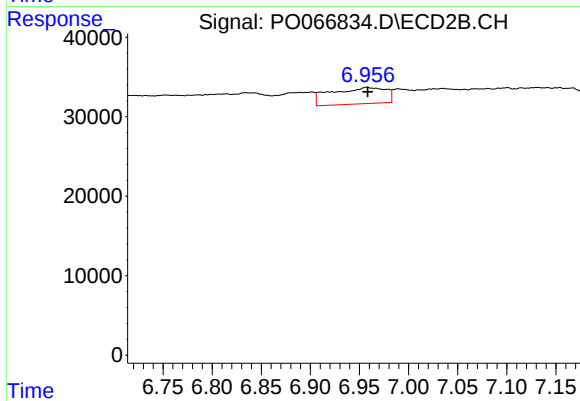
#36 AR-1262-1

R.T.: 6.423 min
Delta R.T.: 0.000 min
Response: 104438
Conc: 66.80 ng/ml



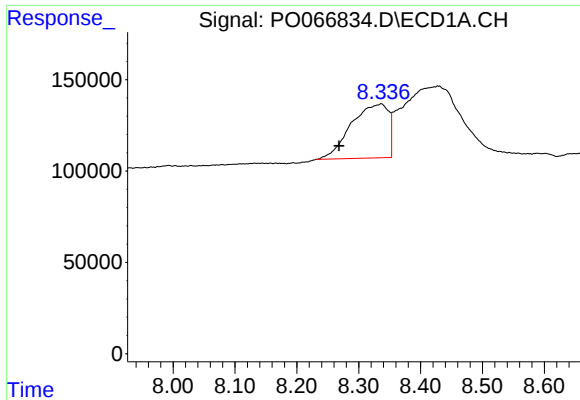
#37 AR-1262-2

R.T.: 7.993 min
Delta R.T.: 0.006 min
Response: 51292
Conc: 8.31 ng/ml



#37 AR-1262-2

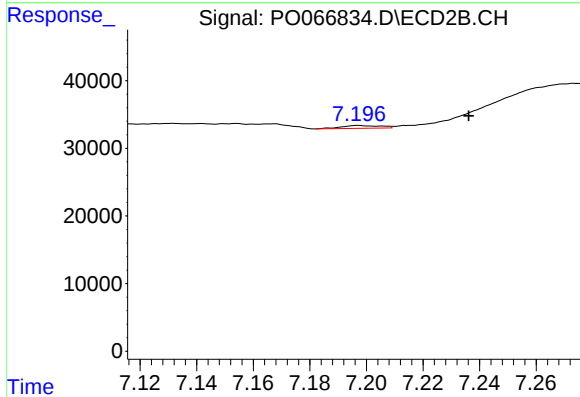
R.T.: 6.957 min
Delta R.T.: -0.001 min
Response: 79723
Conc: 13.80 ng/ml



#38 AR-1262-3

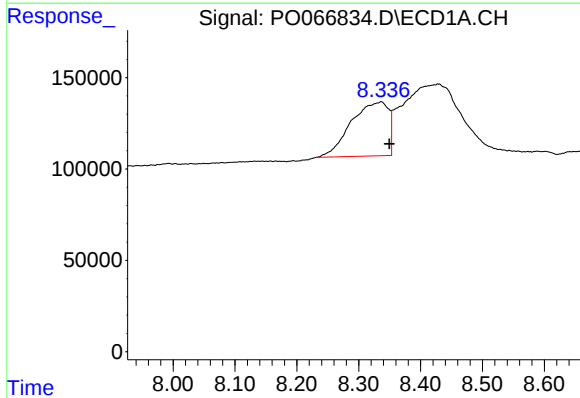
R.T.: 8.336 min
Delta R.T.: 0.068 min
Response: 1237384
Conc: 302.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



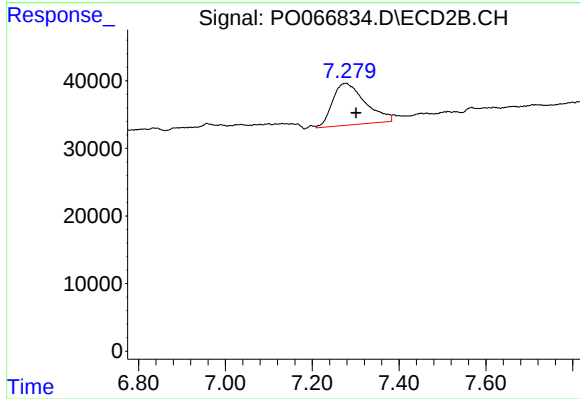
#38 AR-1262-3

R.T.: 7.197 min
Delta R.T.: -0.039 min
Response: 3854
Conc: 1.59 ng/ml



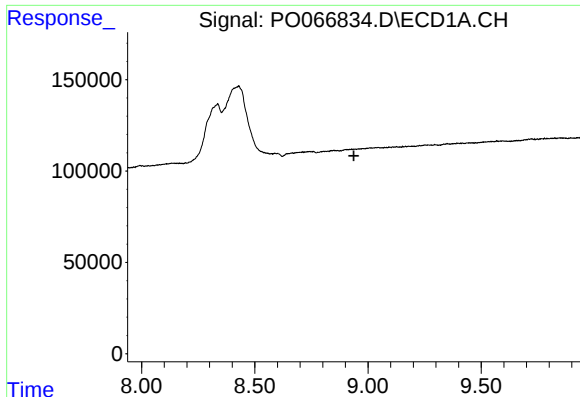
#39 AR-1262-4

R.T.: 8.336 min
Delta R.T.: -0.013 min
Response: 1237384
Conc: 367.05 ng/ml



#39 AR-1262-4

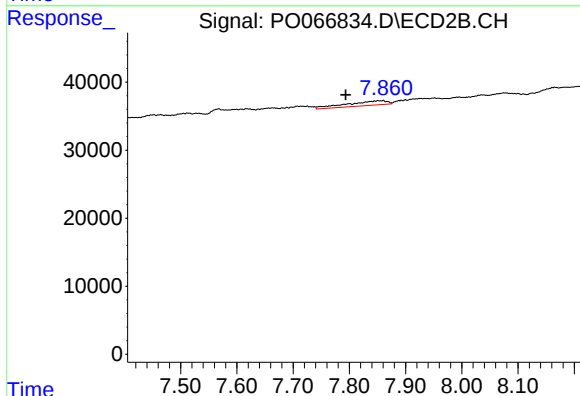
R.T.: 7.279 min
Delta R.T.: -0.022 min
Response: 325004
Conc: 73.30 ng/ml



#40 AR-1262-5

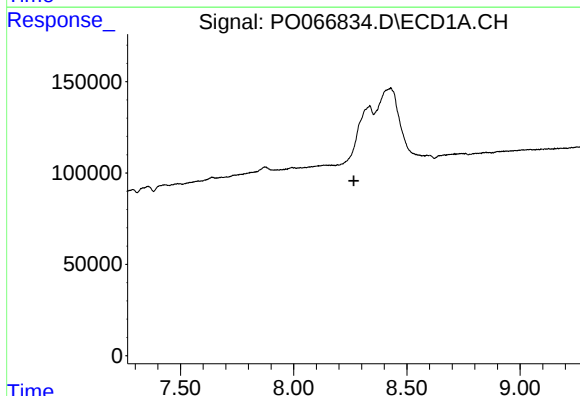
R.T.: 0.000 min
Exp R.T.: 8.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



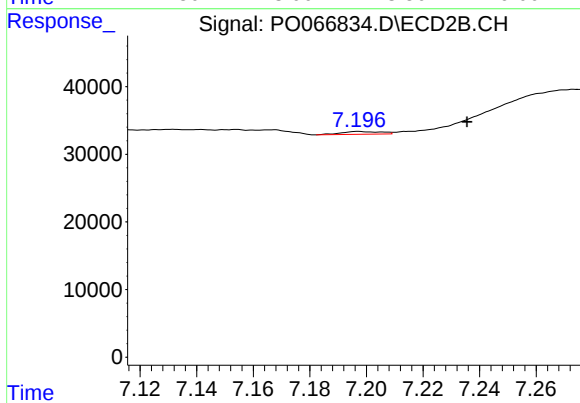
#40 AR-1262-5

R.T.: 7.860 min
Delta R.T.: 0.067 min
Response: 33714
Conc: 16.61 ng/ml



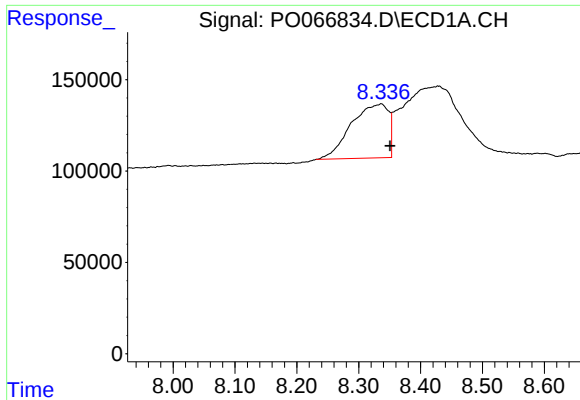
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.266 min
Response: 0
Conc: N.D.



#41 AR-1268-1

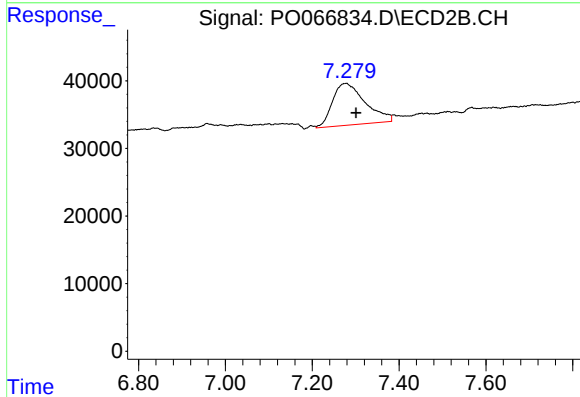
R.T.: 7.197 min
Delta R.T.: -0.038 min
Response: 3854
Conc: 0.53 ng/ml



#42 AR-1268-2

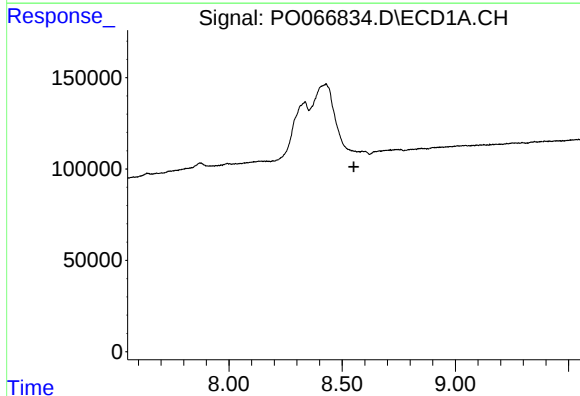
R.T.: 8.336 min
Delta R.T.: -0.015 min
Response: 1237384
Conc: 173.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



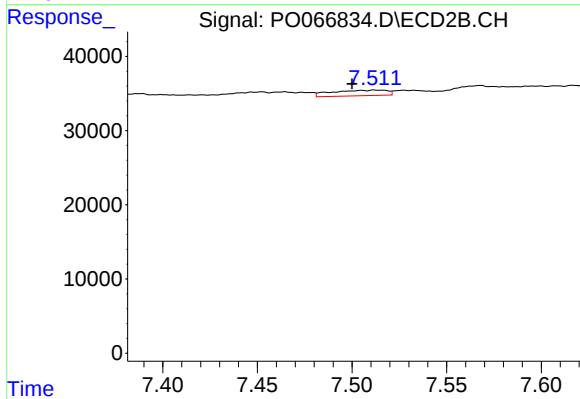
#42 AR-1268-2

R.T.: 7.279 min
Delta R.T.: -0.022 min
Response: 325004
Conc: 48.82 ng/ml



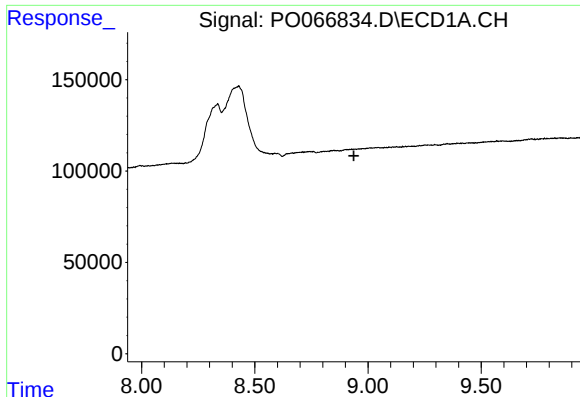
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.552 min
Response: 0
Conc: N.D.



#43 AR-1268-3

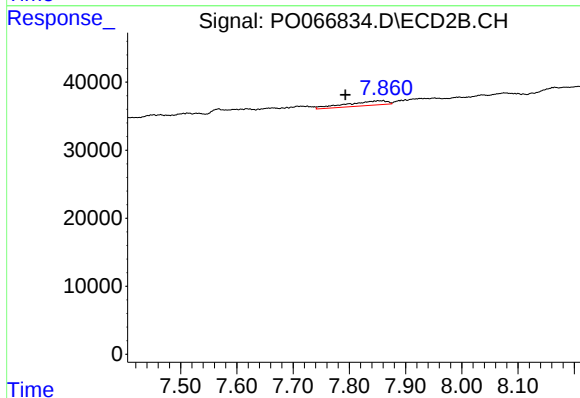
R.T.: 7.512 min
Delta R.T.: 0.012 min
Response: 15061
Conc: 2.72 ng/ml



#44 AR-1268-4

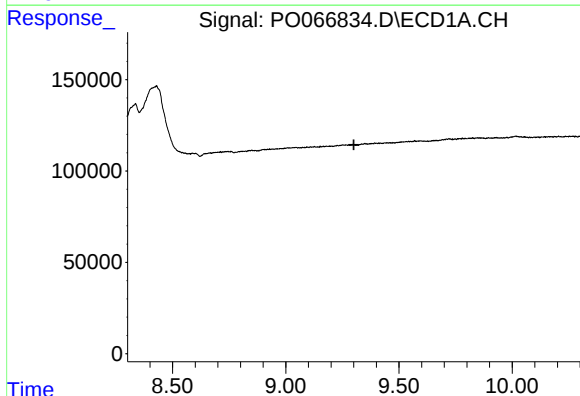
R.T.: 0.000 min
Exp R.T. : 8.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



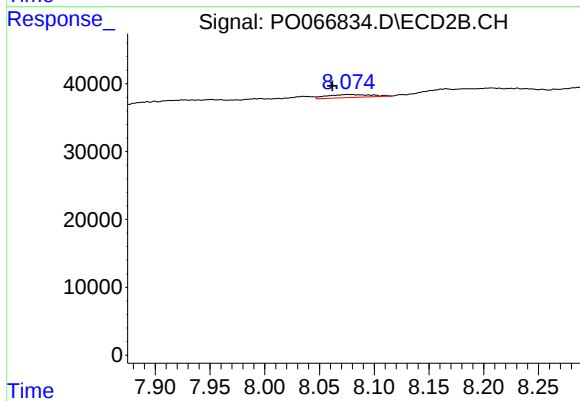
#44 AR-1268-4

R.T.: 7.860 min
Delta R.T.: 0.067 min
Response: 33714
Conc: 13.86 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.301 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.076 min
Delta R.T.: 0.014 min
Response: 12723
Conc: 0.72 ng/ml