

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 19:12
 Operator : SM\AJ
 Sample : K3591-01
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:07:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 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...	3.750	4.593	44269330	214.0E6	36.027	34.697
2)	SA Decachlor...	8.676	10.313	72290018	301.2E6	25.094	25.952
Target Compounds							
3)	L1 AR-1016-1	0.000	5.751	0	278537	N.D.	1.116 #
4)	L1 AR-1016-2	0.000	5.768	0	499484	N.D.	1.280 #
5)	L1 AR-1016-3	0.000	5.768	0	499484	N.D.	2.039 #
6)	L1 AR-1016-4	5.084	0.000	1444516	0	40.419	N.D. #
7)	L1 AR-1016-5	0.000	6.166	0	1999053	N.D.	10.285 #
9)	L2 AR-1221-2	0.000	4.898	0	4550033	N.D.	72.484 #
10)	L2 AR-1221-3	0.000	4.898	0	4550033	N.D.	22.711 #
11)	L3 AR-1232-1	0.000	4.898	0	4550033	N.D.	21.885 #
12)	L3 AR-1232-2	0.000	5.490	0	1619811	N.D.	14.247 #
13)	L3 AR-1232-3	0.000	5.768	0	499484	N.D.	1.959 #
14)	L3 AR-1232-4	5.084	0.000	1444516	0	55.511	N.D. #
16)	L4 AR-1242-1	0.000	5.751	0	278537	N.D.	1.152 #
17)	L4 AR-1242-2	0.000	5.768	0	499484	N.D.	1.347 #
18)	L4 AR-1242-3	0.000	5.768	0	499484	N.D.	2.197 #
19)	L4 AR-1242-4	5.084	0.000	1444516	0	34.936	N.D. #
20)	L4 AR-1242-5	0.000	6.614	0	2668054	N.D.	11.594 #
21)	L5 AR-1248-1	0.000	5.751	0	278537	N.D.	1.664 #
22)	L5 AR-1248-2	5.084	0.000	1444516	0	26.818	N.D. #
23)	L5 AR-1248-3	5.084	6.166	1444516	1999053	25.822	6.958 #
24)	L5 AR-1248-4	0.000	6.614	0	2668054	N.D.	7.434 #
25)	L5 AR-1248-5	0.000	6.614	0	2668054	N.D.	7.708 #
26)	L6 AR-1254-1	0.000	6.589	0	4692555	N.D.	11.886 #
27)	L6 AR-1254-2	0.000	6.814	0	3634993	N.D.	5.749 #
28)	L6 AR-1254-3	0.000	7.170	0	299088	N.D.	0.414 #
29)	L6 AR-1254-4	0.000	7.453	0	592915	N.D.	1.080 #
30)	L6 AR-1254-5	6.812	7.845	3766286	1784488	18.832	2.990 #
31)	L7 AR-1260-1	0.000	7.327	0	1292756	N.D.	3.141 #
32)	L7 AR-1260-2	0.000	7.586	0	1773200	N.D.	3.489 #
33)	L7 AR-1260-3	0.000	7.935	0	13731804	N.D.	33.547 #
34)	L7 AR-1260-4	7.063	8.182	4755764	16514401	38.248	34.632
35)	L7 AR-1260-5	7.307	8.489	2149367	8694190	6.816	8.382
36)	L8 AR-1262-1	6.812	7.935	3766286	13731804	55.366	22.969 #
37)	L8 AR-1262-2	7.307	8.489	2149367	8694190	6.109	7.307
38)	L8 AR-1262-3	7.585	8.801	20404468	83142763	145.827	102.723 #
39)	L8 AR-1262-4	7.650	8.897	18813956	78686888	70.883	126.755 #
40)	L8 AR-1262-5	8.138	9.561	6953175	28351182	52.821	60.023
41)	L9 AR-1268-1	7.585	8.801	20404468	83142763	55.456	63.530
42)	L9 AR-1268-2	7.650	8.897	18813956	78686888	54.915	63.199
43)	L9 AR-1268-3	7.851	9.125	16319720	64150678	57.063	60.806

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 Sample : K3591-01
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:07:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 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
44) L9	AR-1268-4	8.138	9.561	6953175	28351182	51.368	57.798
45) L9	AR-1268-5	8.427	9.975	49521501	207.2E6	48.031	52.524

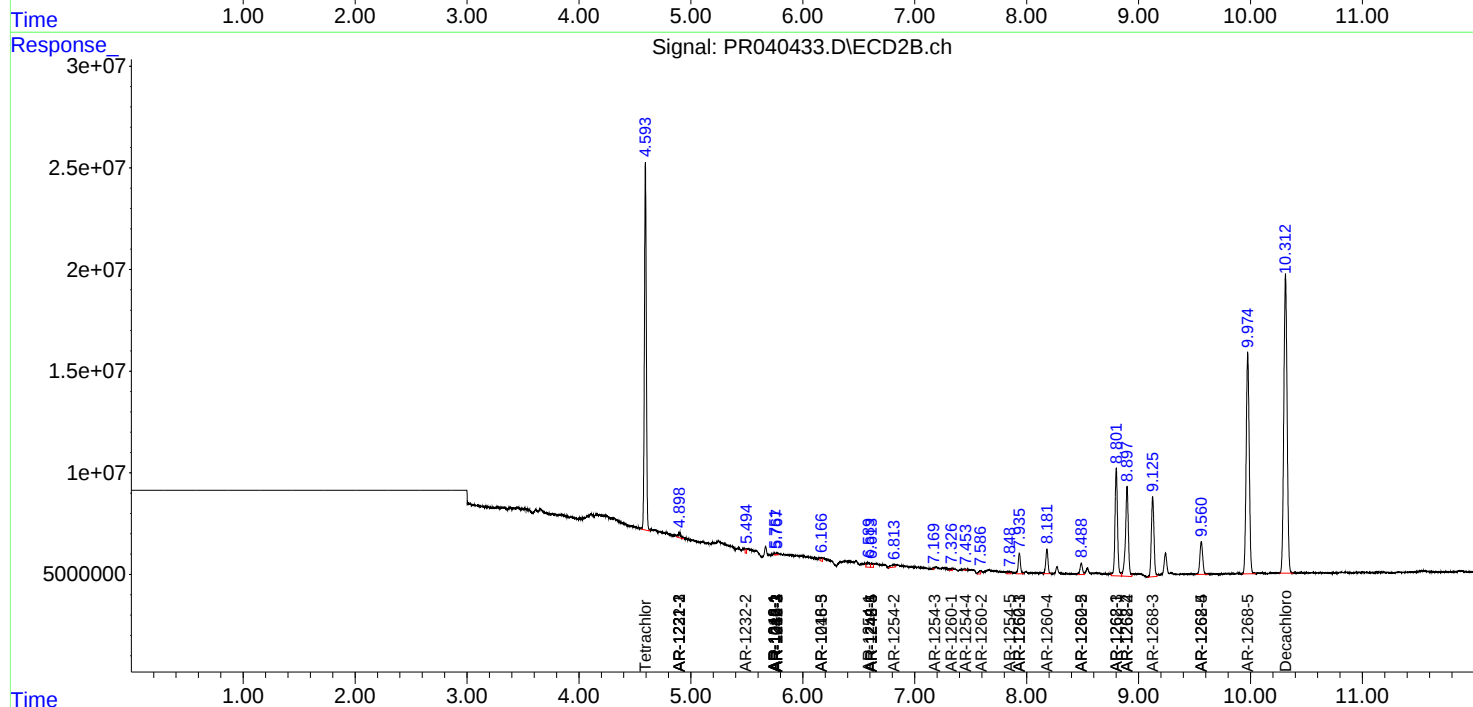
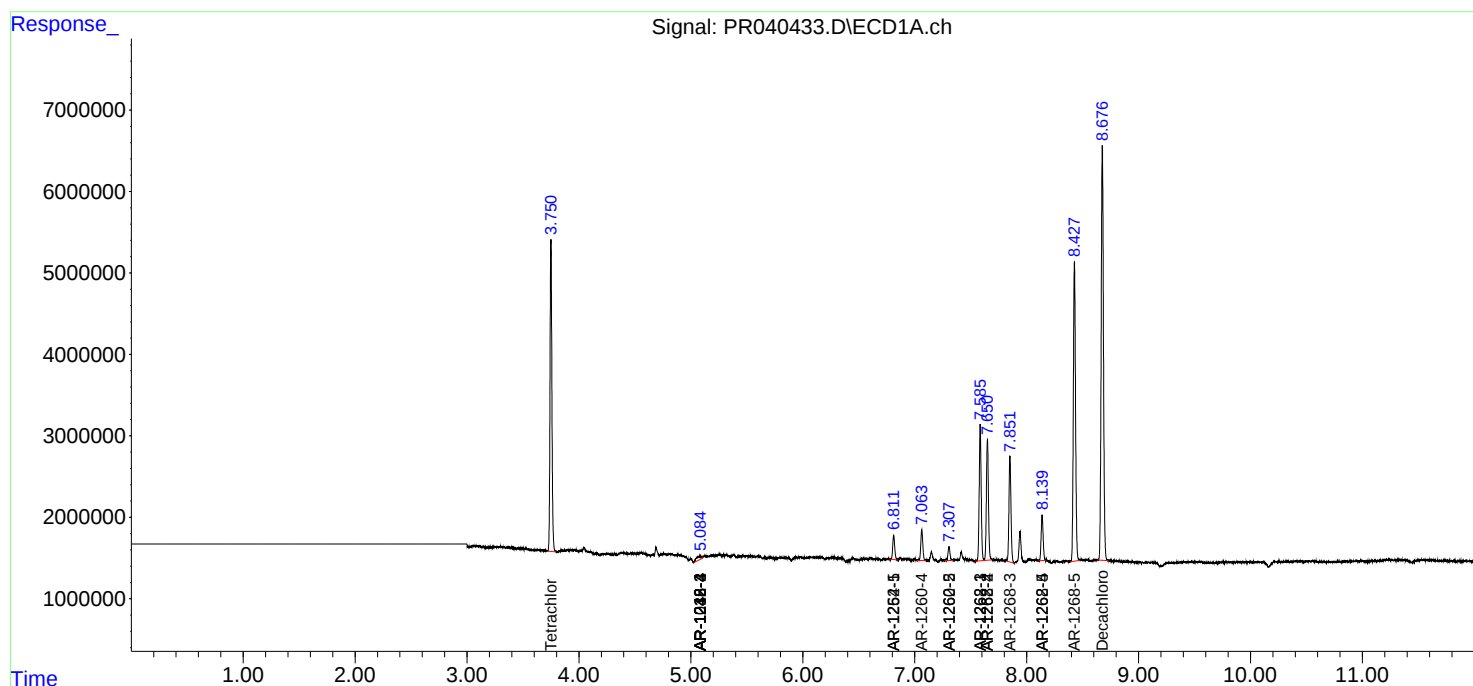
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

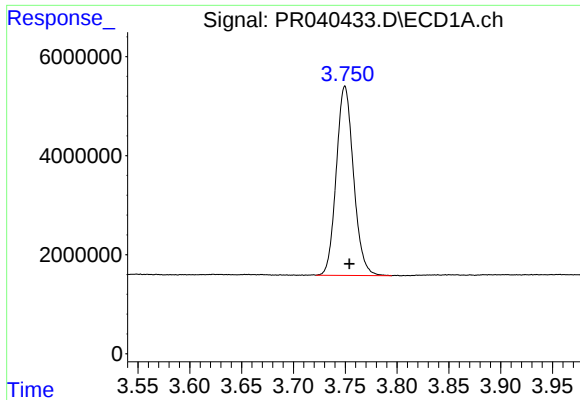
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
Data File : PR040433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SM\AJ
Sample : K3591-01
Misc : AR1268 LOD 40 PPB
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 17 00:07:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 2019
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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

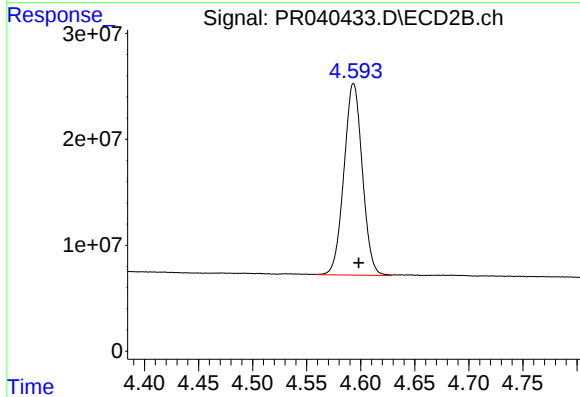




#1 Tetrachloro-m-xylene

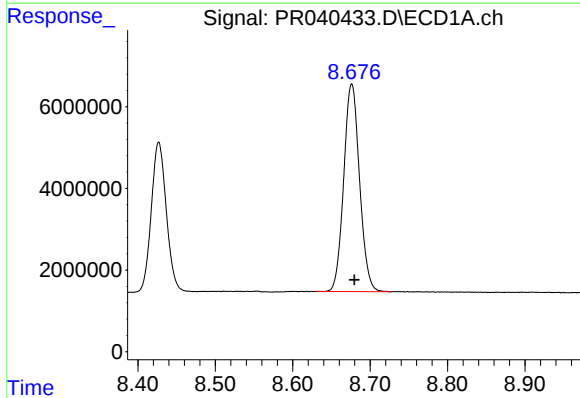
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 44269330
Conc: 36.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



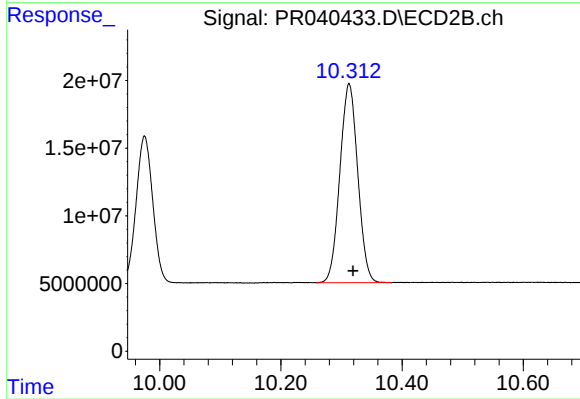
#1 Tetrachloro-m-xylene

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 214000279
Conc: 34.70 ng/ml



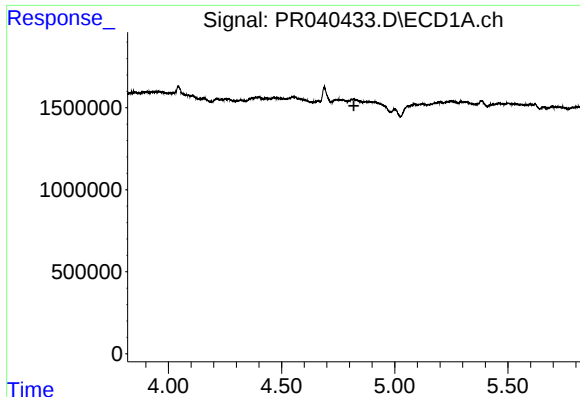
#2 Decachlorobiphenyl

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 72290018
Conc: 25.09 ng/ml



#2 Decachlorobiphenyl

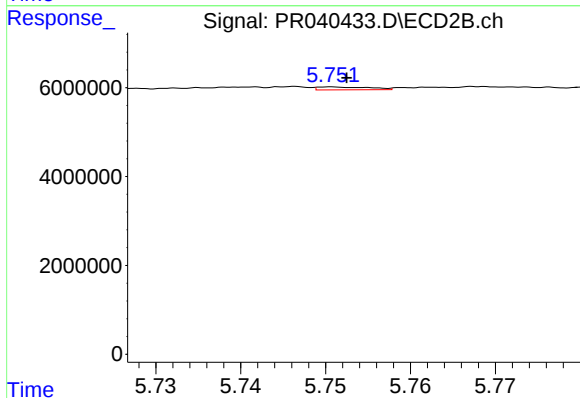
R.T.: 10.313 min
Delta R.T.: -0.006 min
Response: 301213657
Conc: 25.95 ng/ml



#3 AR-1016-1

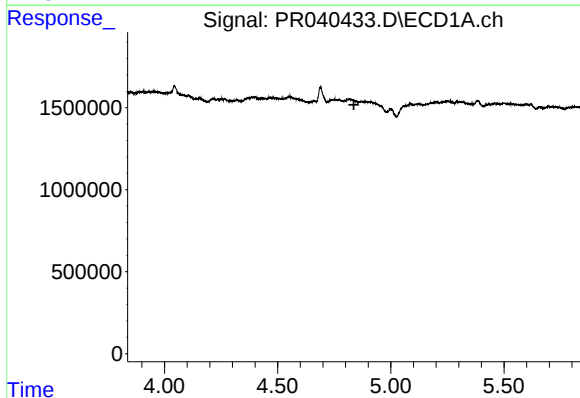
R.T.: 0.000 min
Exp R.T.: 4.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



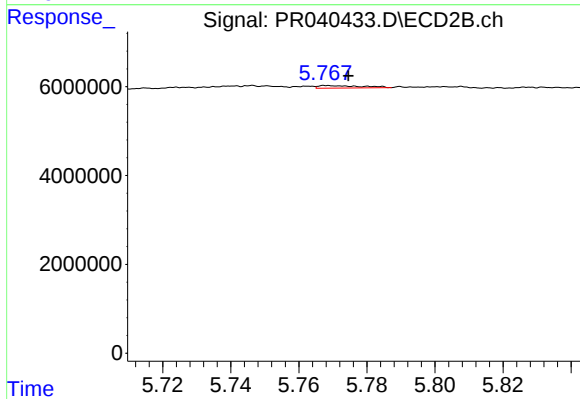
#3 AR-1016-1

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 278537
Conc: 1.12 ng/ml



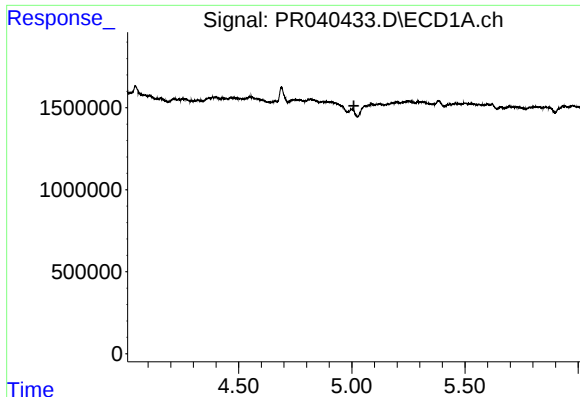
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.



#4 AR-1016-2

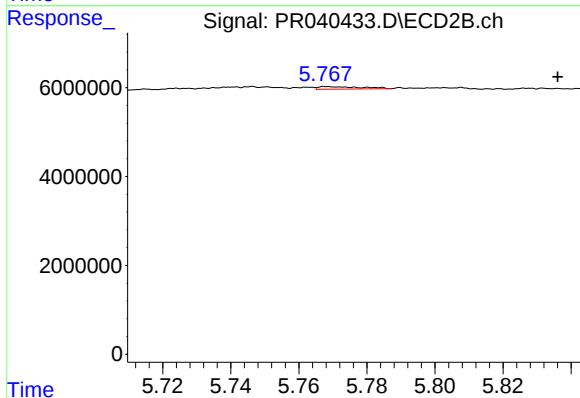
R.T.: 5.768 min
Delta R.T.: -0.006 min
Response: 499484
Conc: 1.28 ng/ml



#5 AR-1016-3

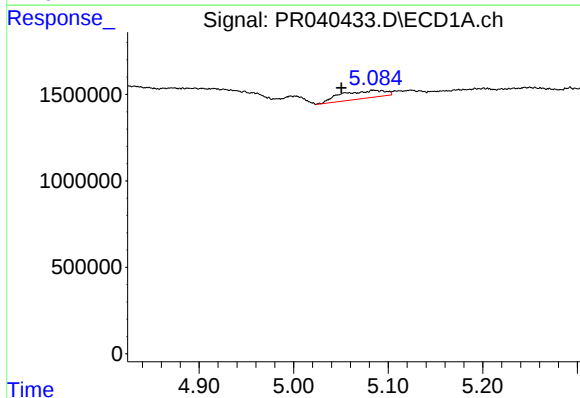
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



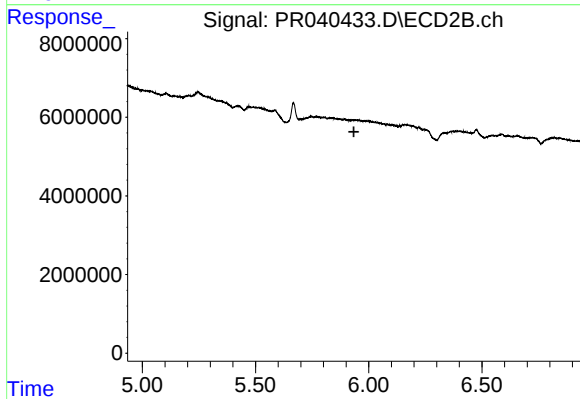
#5 AR-1016-3

R.T.: 5.768 min
Delta R.T.: -0.068 min
Response: 499484
Conc: 2.04 ng/ml



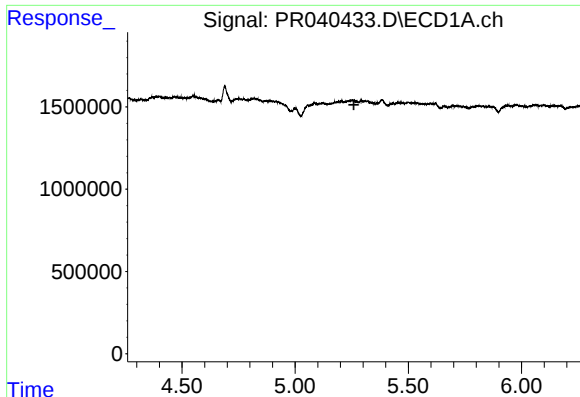
#6 AR-1016-4

R.T.: 5.084 min
Delta R.T.: 0.034 min
Response: 1444516
Conc: 40.42 ng/ml



#6 AR-1016-4

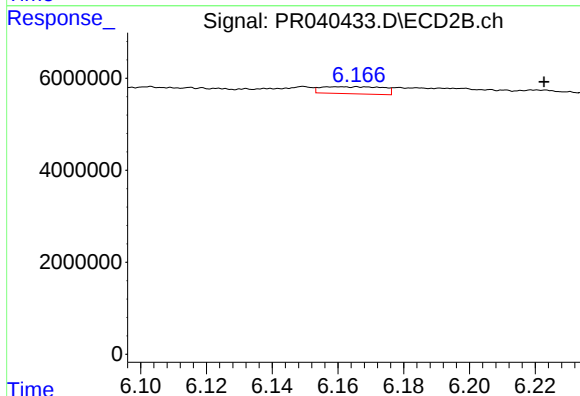
R.T.: 0.000 min
Exp R.T.: 5.934 min
Response: 0
Conc: N.D.



#7 AR-1016-5

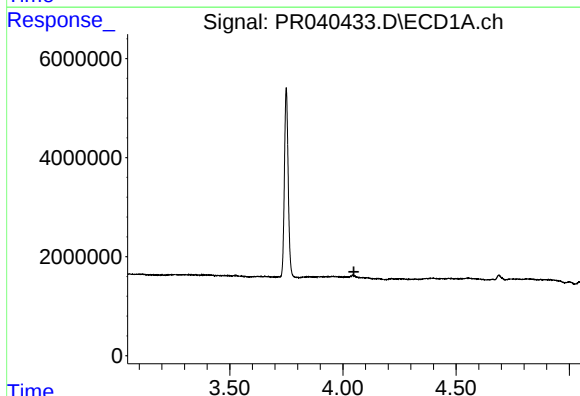
R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



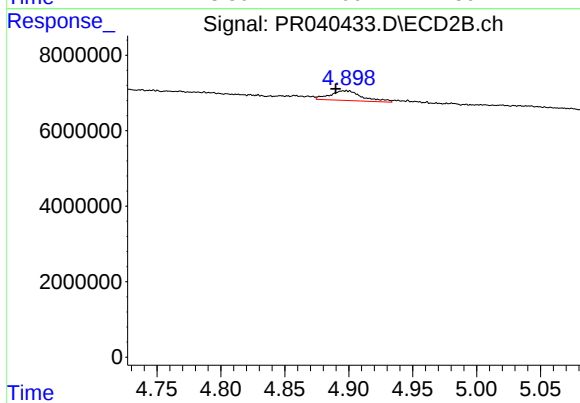
#7 AR-1016-5

R.T.: 6.166 min
Delta R.T.: -0.057 min
Response: 1999053
Conc: 10.28 ng/ml



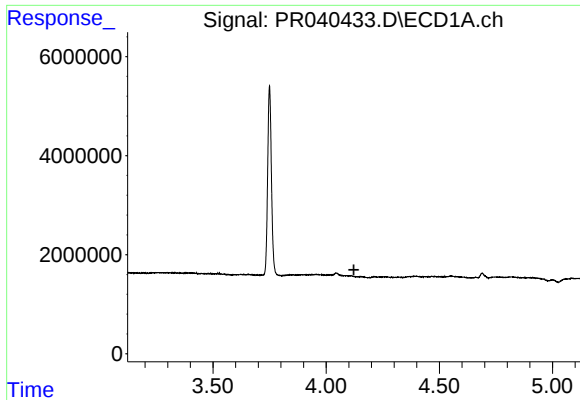
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 4.048 min
Response: 0
Conc: N.D.



#9 AR-1221-2

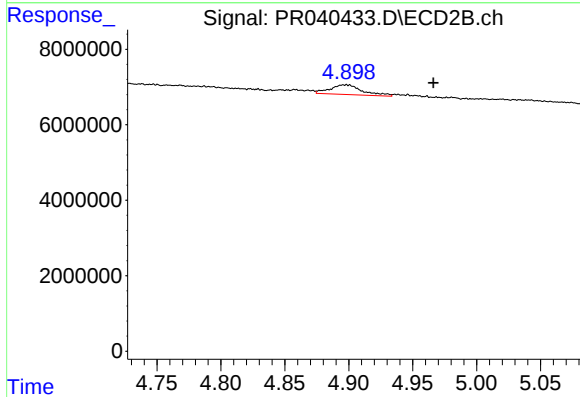
R.T.: 4.898 min
Delta R.T.: 0.008 min
Response: 4550033
Conc: 72.48 ng/ml



#10 AR-1221-3

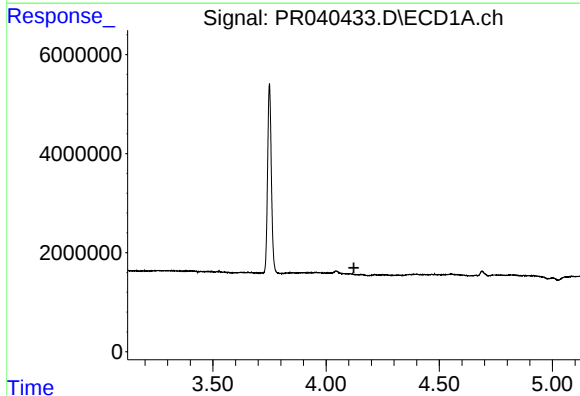
R.T.: 0.000 min
Exp R.T. : 4.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



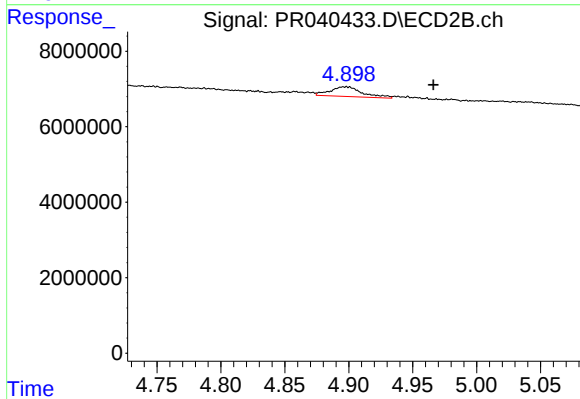
#10 AR-1221-3

R.T.: 4.898 min
Delta R.T.: -0.068 min
Response: 4550033
Conc: 22.71 ng/ml



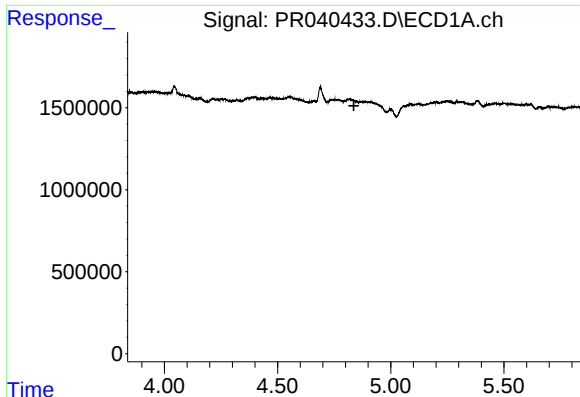
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.123 min
Response: 0
Conc: N.D.



#11 AR-1232-1

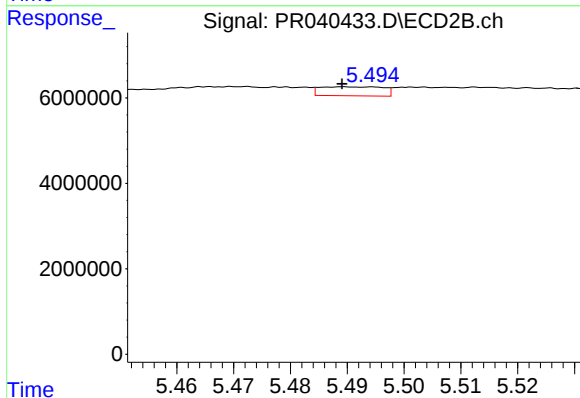
R.T.: 4.898 min
Delta R.T.: -0.068 min
Response: 4550033
Conc: 21.88 ng/ml



#12 AR-1232-2

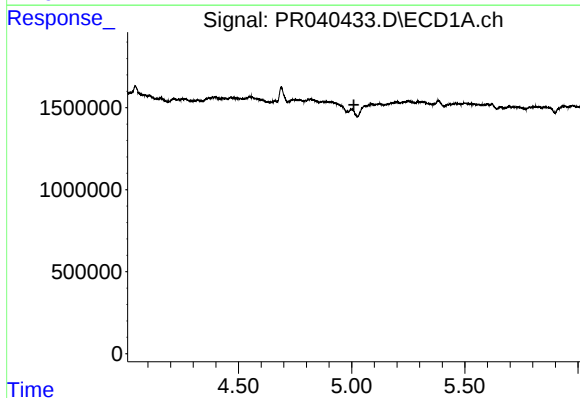
R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



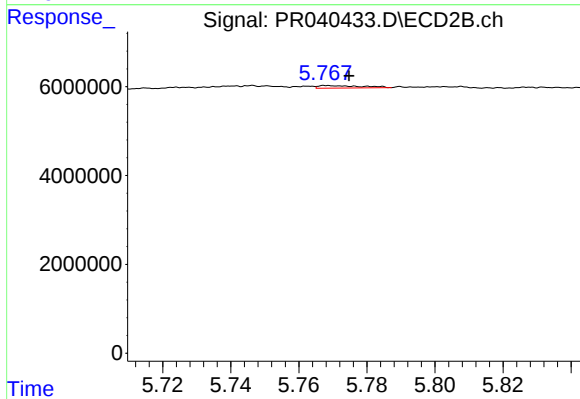
#12 AR-1232-2

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 1619811
Conc: 14.25 ng/ml



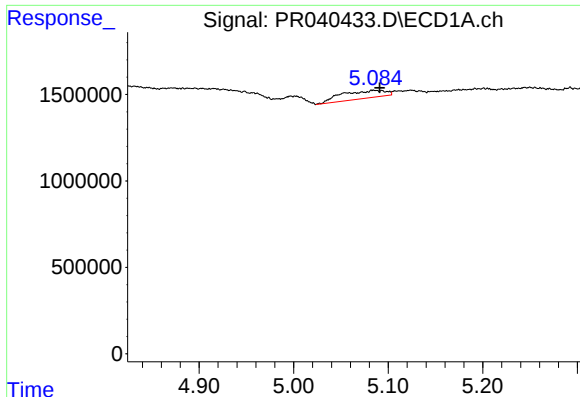
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.010 min
Response: 0
Conc: N.D.



#13 AR-1232-3

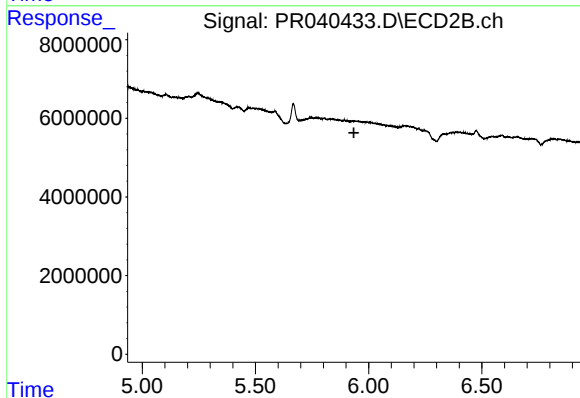
R.T.: 5.768 min
Delta R.T.: -0.007 min
Response: 499484
Conc: 1.96 ng/ml



#14 AR-1232-4

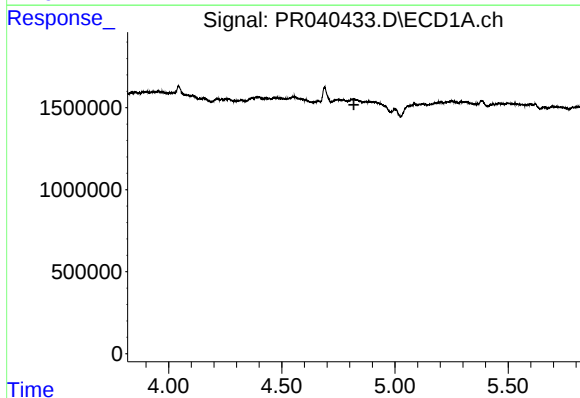
R.T.: 5.084 min
Delta R.T.: -0.007 min
Response: 1444516
Conc: 55.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



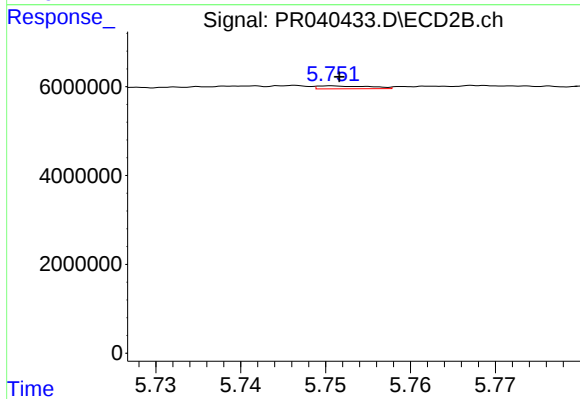
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



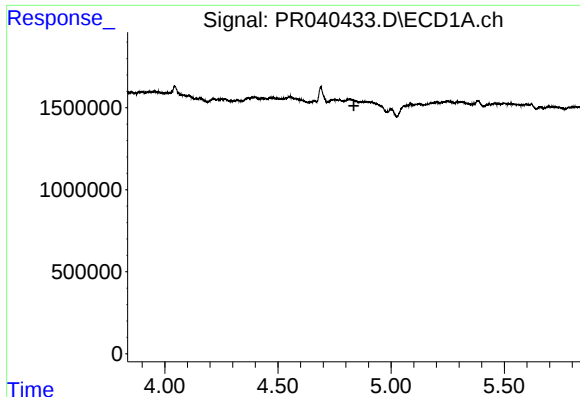
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#16 AR-1242-1

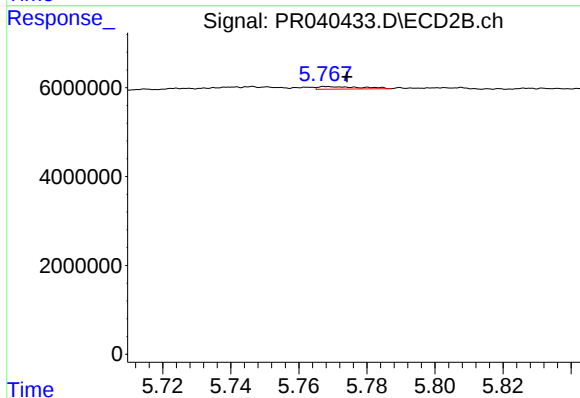
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 278537
Conc: 1.15 ng/ml



#17 AR-1242-2

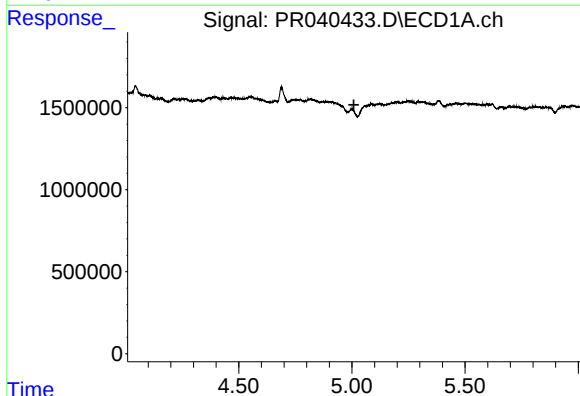
R.T.: 0.000 min
Exp R.T.: 4.836 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



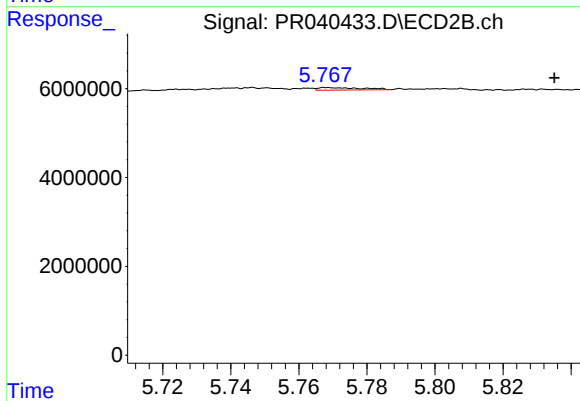
#17 AR-1242-2

R.T.: 5.768 min
Delta R.T.: -0.006 min
Response: 499484
Conc: 1.35 ng/ml



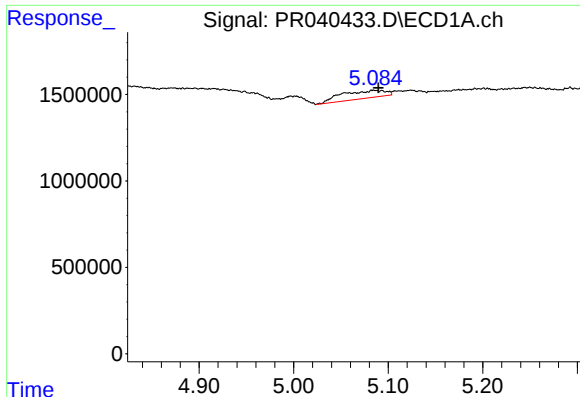
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.



#18 AR-1242-3

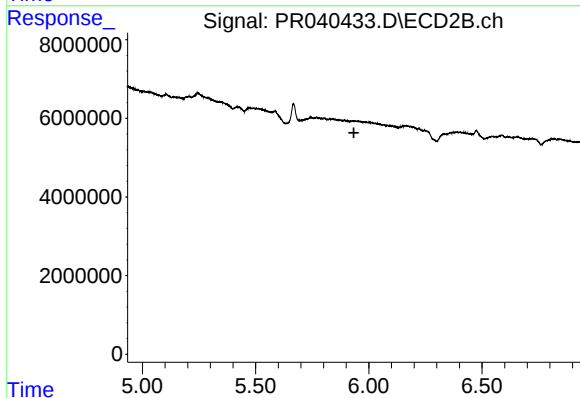
R.T.: 5.768 min
Delta R.T.: -0.067 min
Response: 499484
Conc: 2.20 ng/ml



#19 AR-1242-4

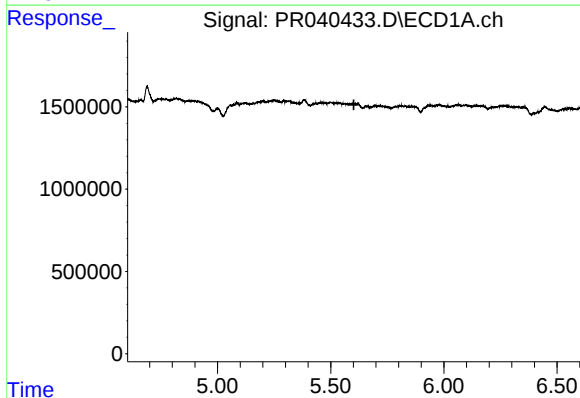
R.T.: 5.084 min
Delta R.T.: -0.005 min
Response: 1444516
Conc: 34.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



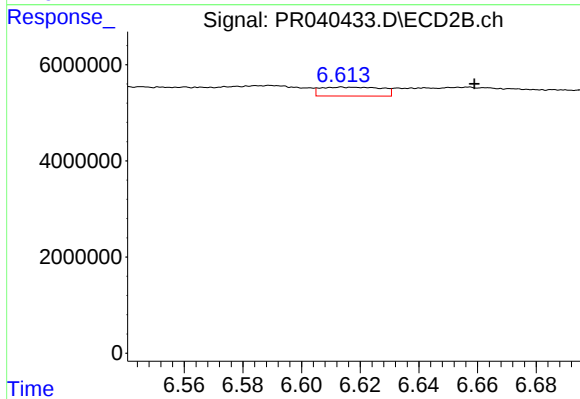
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



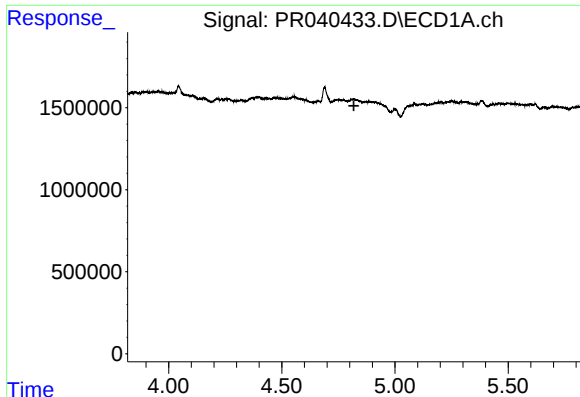
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.603 min
Response: 0
Conc: N.D.



#20 AR-1242-5

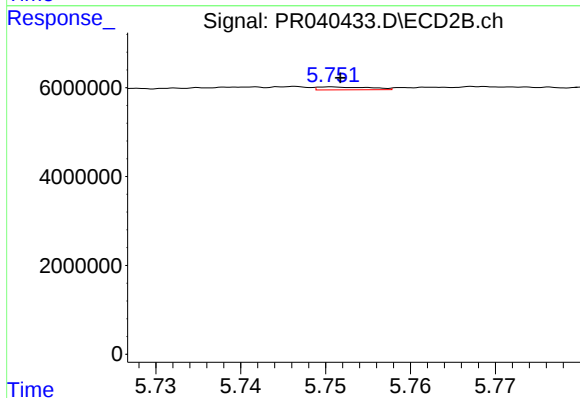
R.T.: 6.614 min
Delta R.T.: -0.045 min
Response: 2668054
Conc: 11.59 ng/ml



#21 AR-1248-1

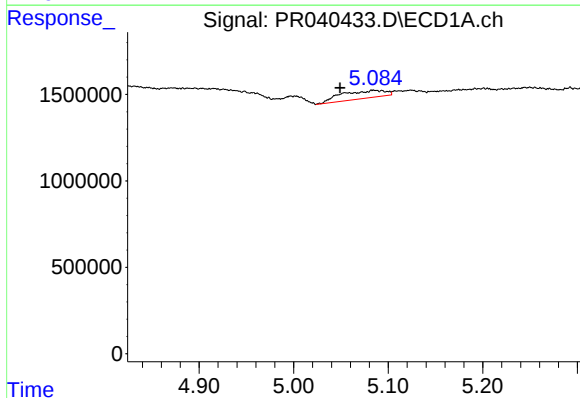
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



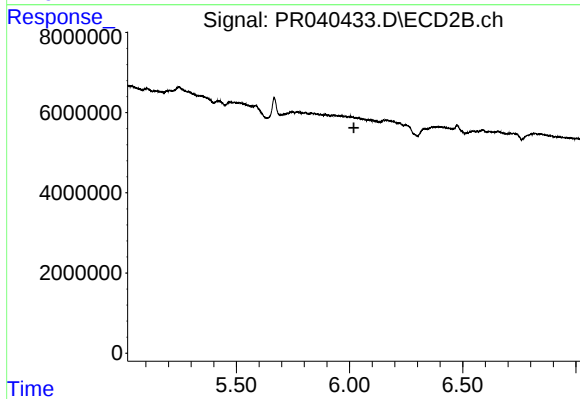
#21 AR-1248-1

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 278537
Conc: 1.66 ng/ml



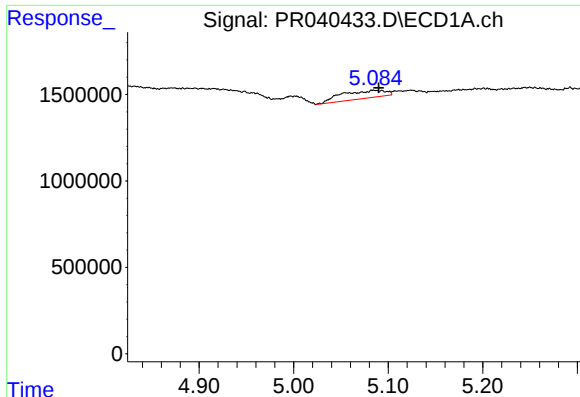
#22 AR-1248-2

R.T.: 5.084 min
Delta R.T.: 0.035 min
Response: 1444516
Conc: 26.82 ng/ml



#22 AR-1248-2

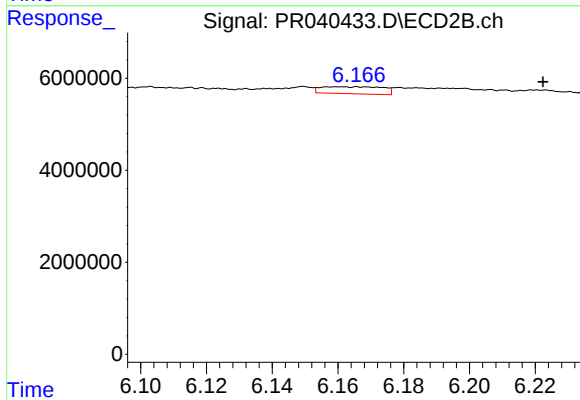
R.T.: 0.000 min
Exp R.T.: 6.019 min
Response: 0
Conc: N.D.



#23 AR-1248-3

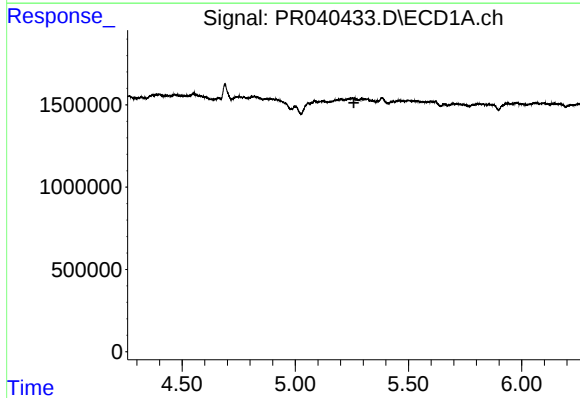
R.T.: 5.084 min
Delta R.T.: -0.006 min
Response: 1444516
Conc: 25.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



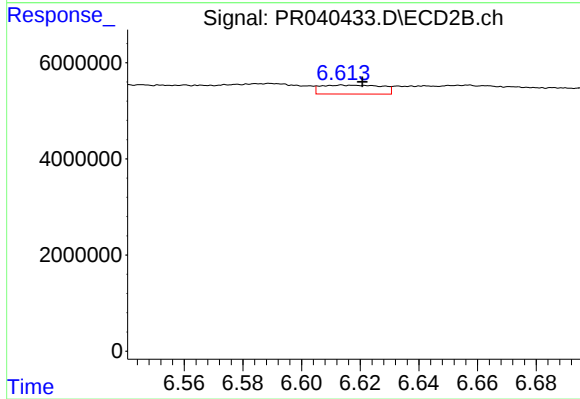
#23 AR-1248-3

R.T.: 6.166 min
Delta R.T.: -0.056 min
Response: 1999053
Conc: 6.96 ng/ml



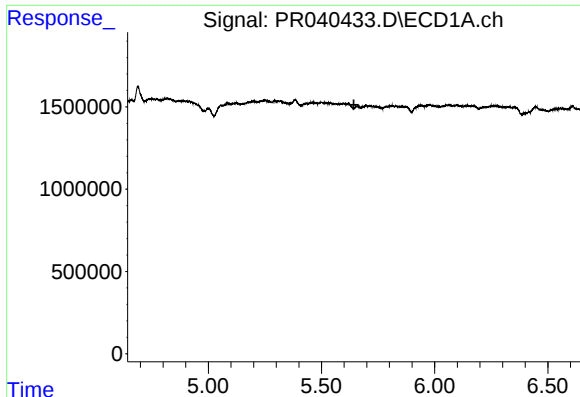
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.259 min
Response: 0
Conc: N.D.



#24 AR-1248-4

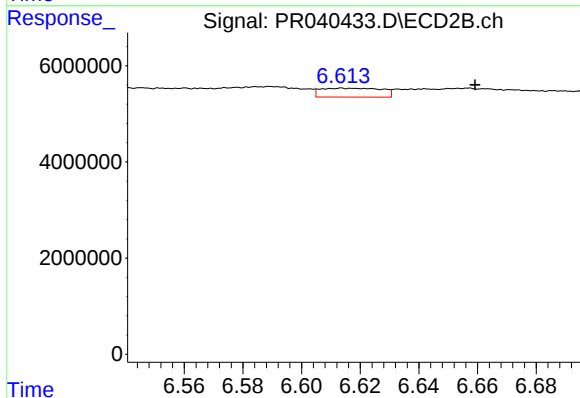
R.T.: 6.614 min
Delta R.T.: -0.007 min
Response: 2668054
Conc: 7.43 ng/ml



#25 AR-1248-5

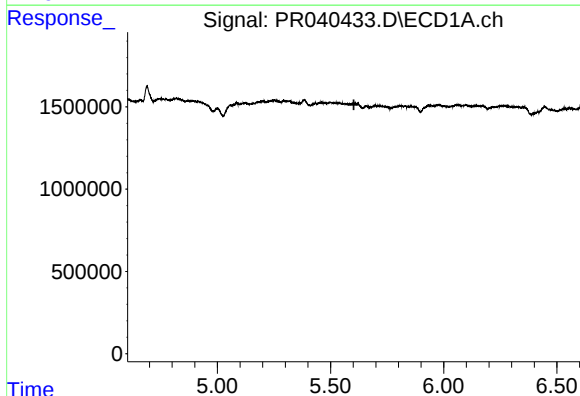
R.T.: 0.000 min
Exp R.T.: 5.643 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



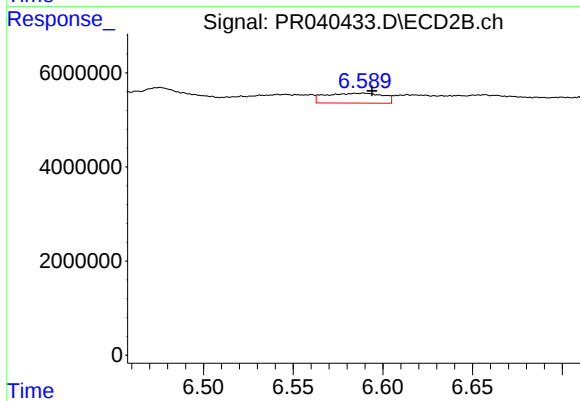
#25 AR-1248-5

R.T.: 6.614 min
Delta R.T.: -0.045 min
Response: 2668054
Conc: 7.71 ng/ml



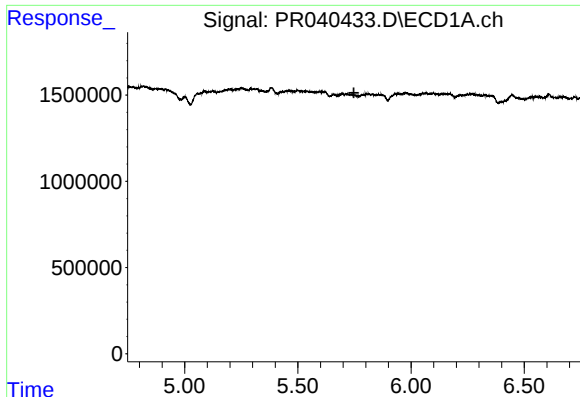
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 5.603 min
Response: 0
Conc: N.D.



#26 AR-1254-1

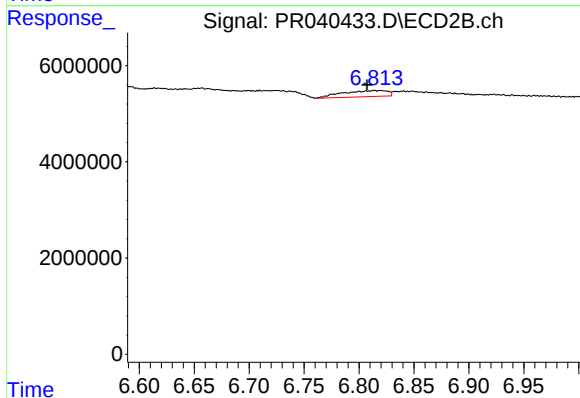
R.T.: 6.589 min
Delta R.T.: -0.005 min
Response: 4692555
Conc: 11.89 ng/ml



#27 AR-1254-2

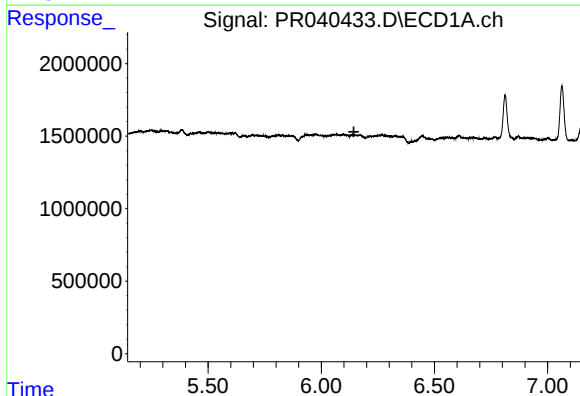
R.T.: 0.000 min
Exp R.T.: 5.747 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



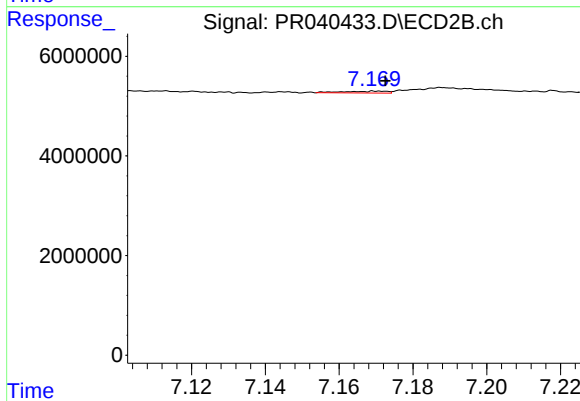
#27 AR-1254-2

R.T.: 6.814 min
Delta R.T.: 0.007 min
Response: 3634993
Conc: 5.75 ng/ml



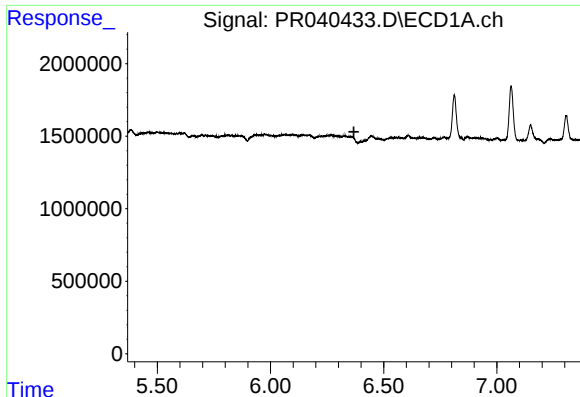
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.144 min
Response: 0
Conc: N.D.



#28 AR-1254-3

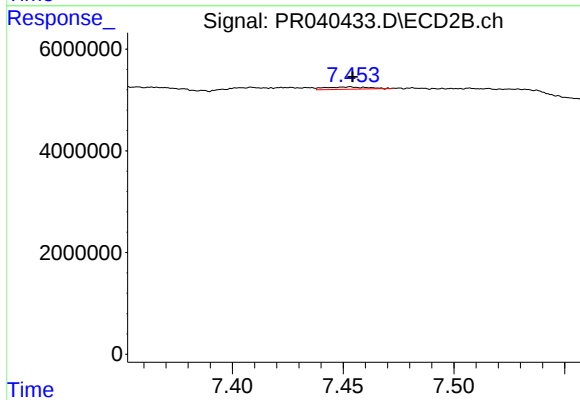
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 299088
Conc: 0.41 ng/ml



#29 AR-1254-4

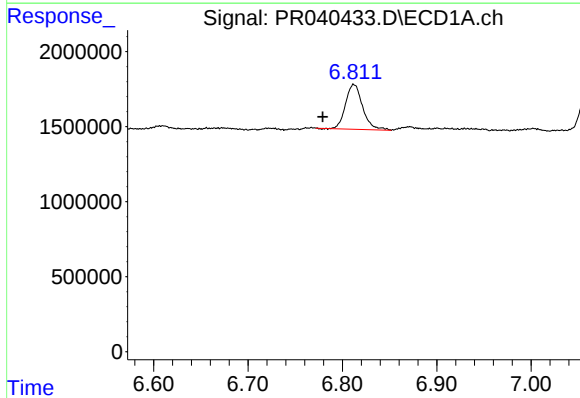
R.T.: 0.000 min
Exp R.T.: 6.368 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



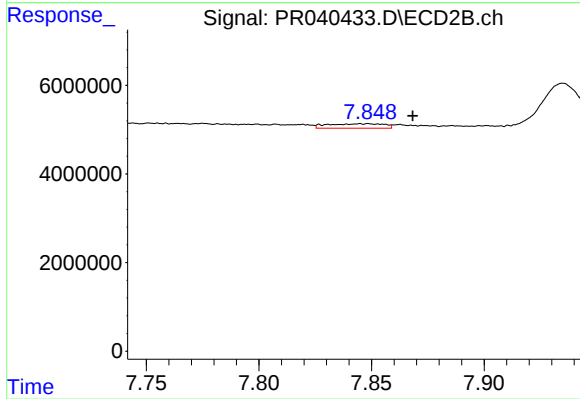
#29 AR-1254-4

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 592915
Conc: 1.08 ng/ml



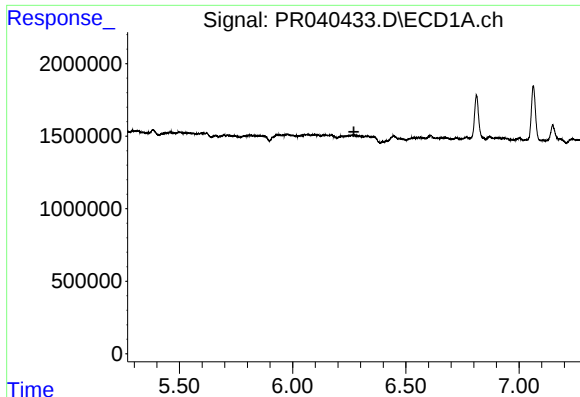
#30 AR-1254-5

R.T.: 6.812 min
Delta R.T.: 0.033 min
Response: 3766286
Conc: 18.83 ng/ml



#30 AR-1254-5

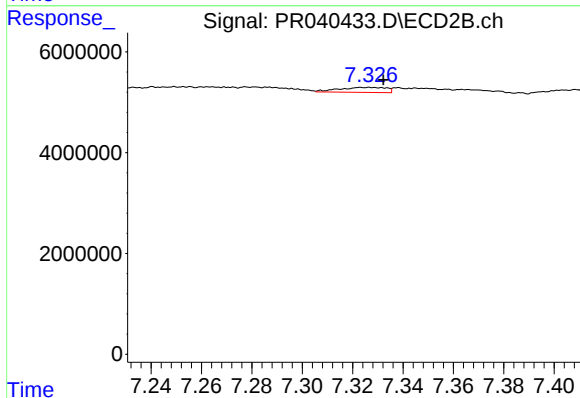
R.T.: 7.845 min
Delta R.T.: -0.023 min
Response: 1784488
Conc: 2.99 ng/ml



#31 AR-1260-1

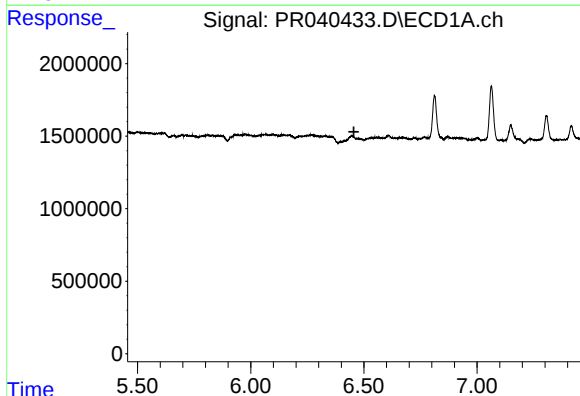
R.T.: 0.000 min
Exp R.T.: 6.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



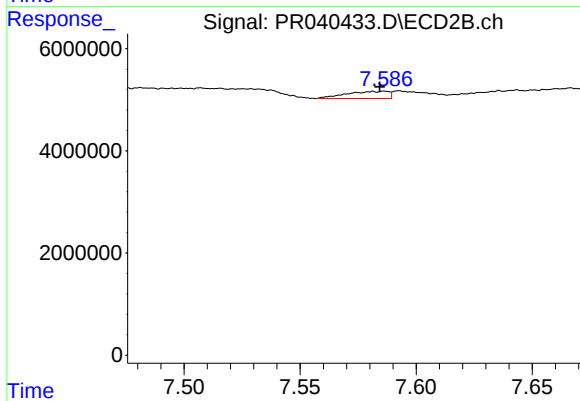
#31 AR-1260-1

R.T.: 7.327 min
Delta R.T.: -0.005 min
Response: 1292756
Conc: 3.14 ng/ml



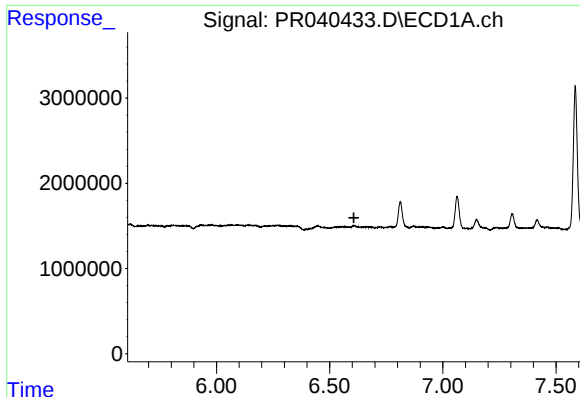
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.456 min
Response: 0
Conc: N.D.



#32 AR-1260-2

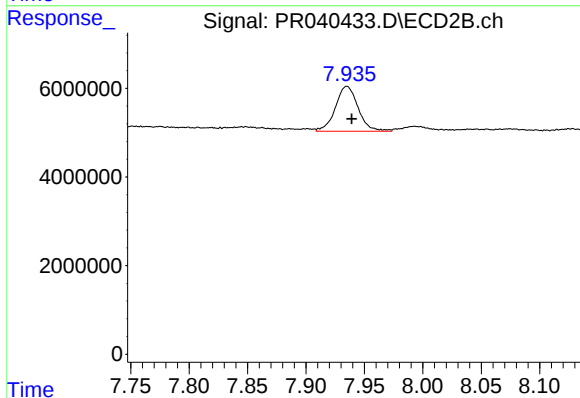
R.T.: 7.586 min
Delta R.T.: 0.002 min
Response: 1773200
Conc: 3.49 ng/ml



#33 AR-1260-3

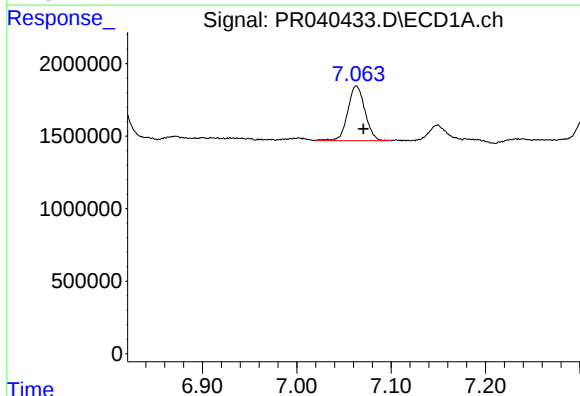
R.T.: 0.000 min
Exp R.T.: 6.607 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



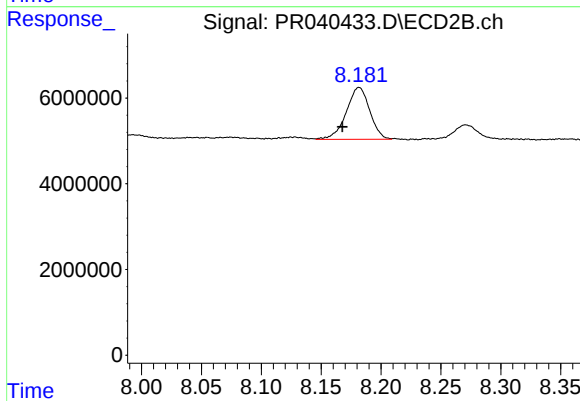
#33 AR-1260-3

R.T.: 7.935 min
Delta R.T.: -0.004 min
Response: 13731804
Conc: 33.55 ng/ml



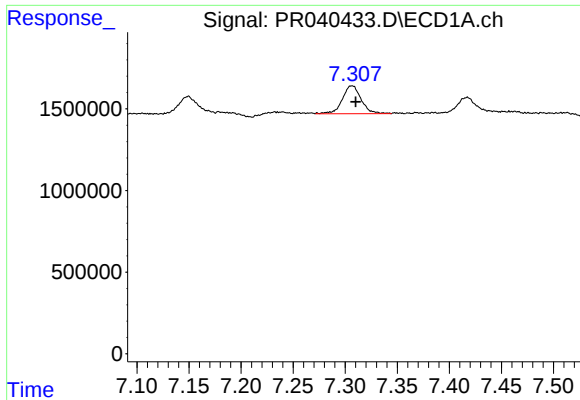
#34 AR-1260-4

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 4755764
Conc: 38.25 ng/ml



#34 AR-1260-4

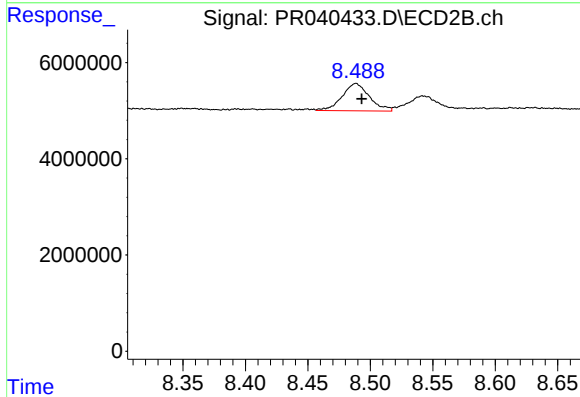
R.T.: 8.182 min
Delta R.T.: 0.014 min
Response: 16514401
Conc: 34.63 ng/ml



#35 AR-1260-5

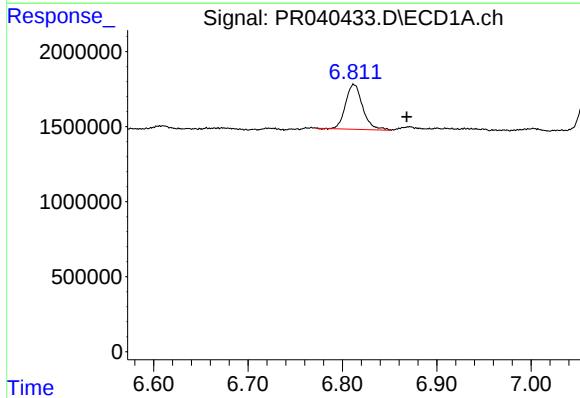
R.T.: 7.307 min
Delta R.T.: -0.004 min
Response: 2149367
Conc: 6.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



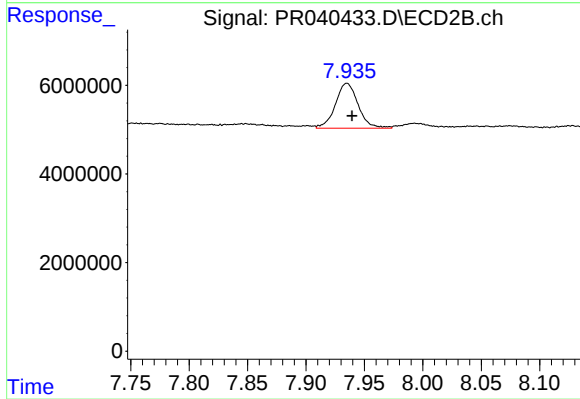
#35 AR-1260-5

R.T.: 8.489 min
Delta R.T.: -0.005 min
Response: 8694190
Conc: 8.38 ng/ml



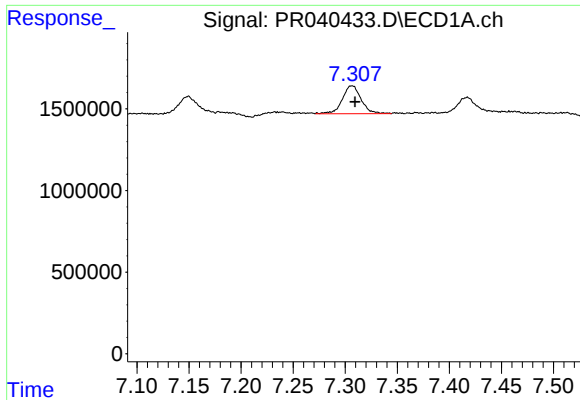
#36 AR-1262-1

R.T.: 6.812 min
Delta R.T.: -0.056 min
Response: 3766286
Conc: 55.37 ng/ml



#36 AR-1262-1

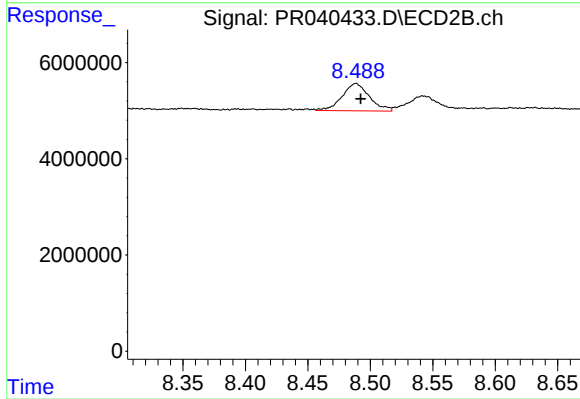
R.T.: 7.935 min
Delta R.T.: -0.004 min
Response: 13731804
Conc: 22.97 ng/ml



#37 AR-1262-2

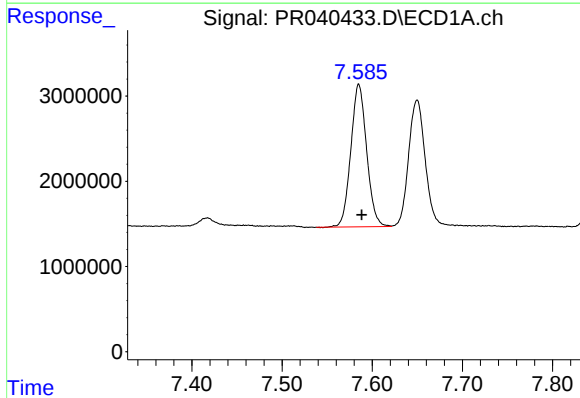
R.T.: 7.307 min
Delta R.T.: -0.003 min
Response: 2149367
Conc: 6.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



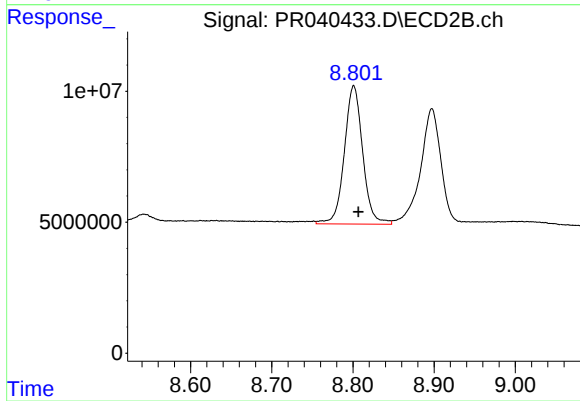
#37 AR-1262-2

R.T.: 8.489 min
Delta R.T.: -0.004 min
Response: 8694190
Conc: 7.31 ng/ml



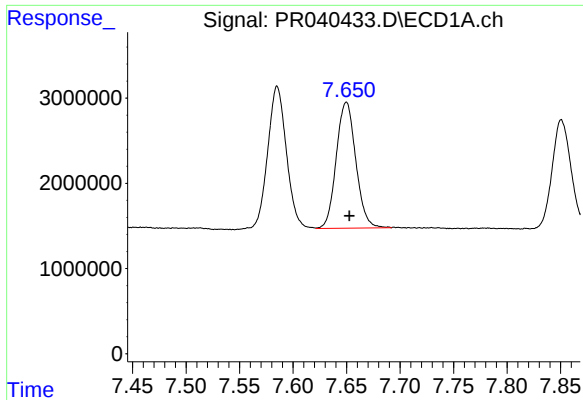
#38 AR-1262-3

R.T.: 7.585 min
Delta R.T.: -0.003 min
Response: 20404468
Conc: 145.83 ng/ml



#38 AR-1262-3

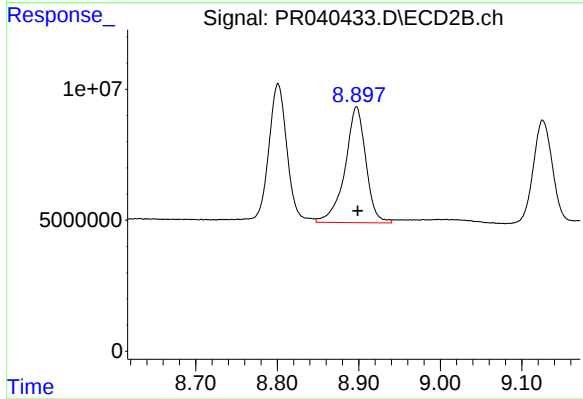
R.T.: 8.801 min
Delta R.T.: -0.006 min
Response: 83142763
Conc: 102.72 ng/ml



#39 AR-1262-4

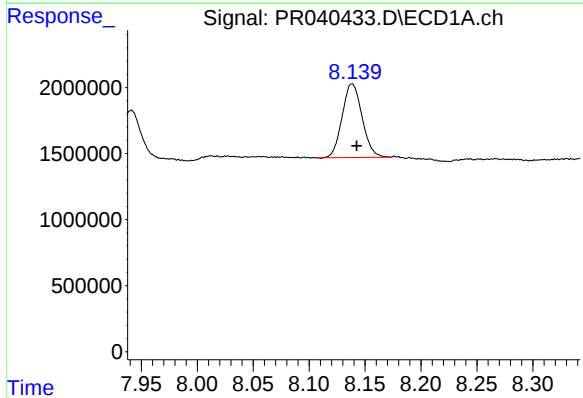
R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 18813956
Conc: 70.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



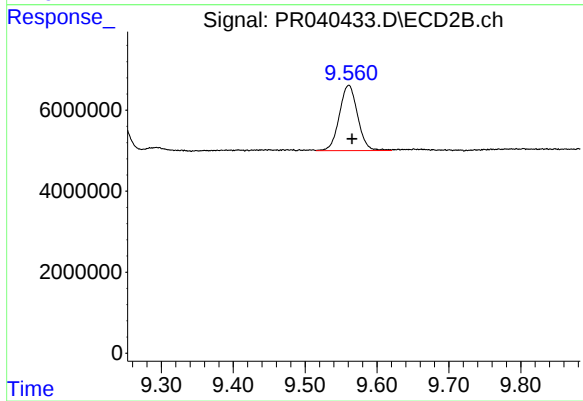
#39 AR-1262-4

R.T.: 8.897 min
Delta R.T.: -0.002 min
Response: 78686888
Conc: 126.76 ng/ml



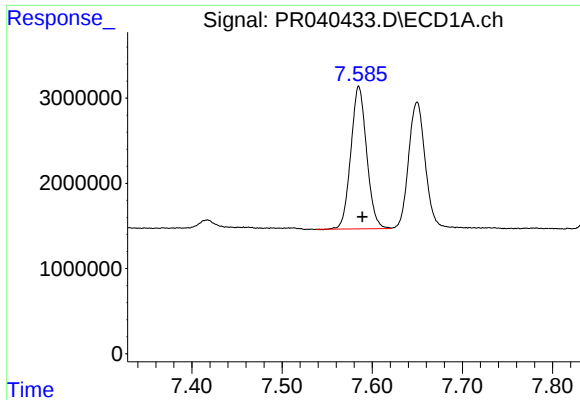
#40 AR-1262-5

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 6953175
Conc: 52.82 ng/ml



#40 AR-1262-5

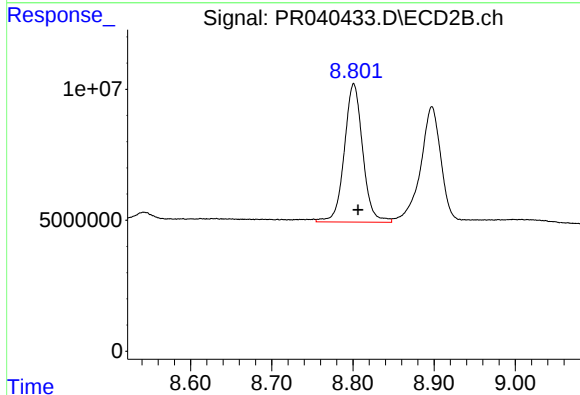
R.T.: 9.561 min
Delta R.T.: -0.005 min
Response: 28351182
Conc: 60.02 ng/ml



#41 AR-1268-1

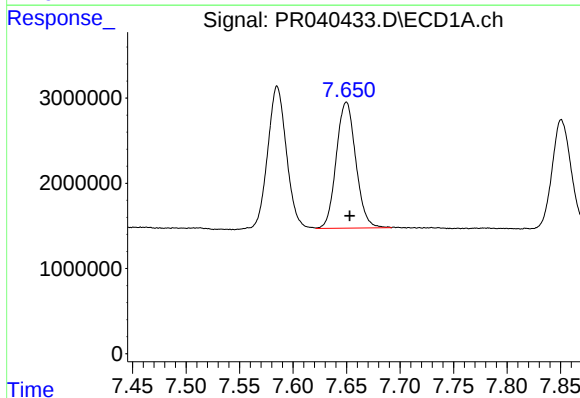
R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 20404468
Conc: 55.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



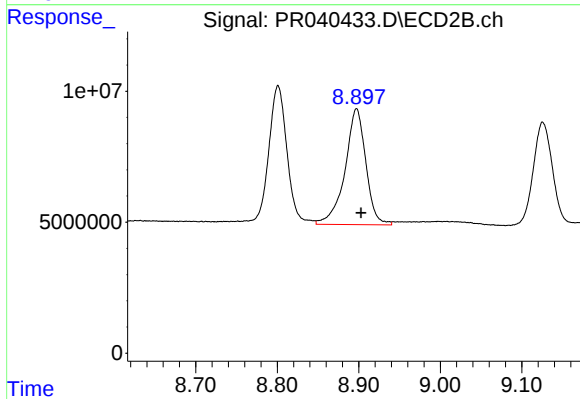
#41 AR-1268-1

R.T.: 8.801 min
Delta R.T.: -0.006 min
Response: 83142763
Conc: 63.53 ng/ml



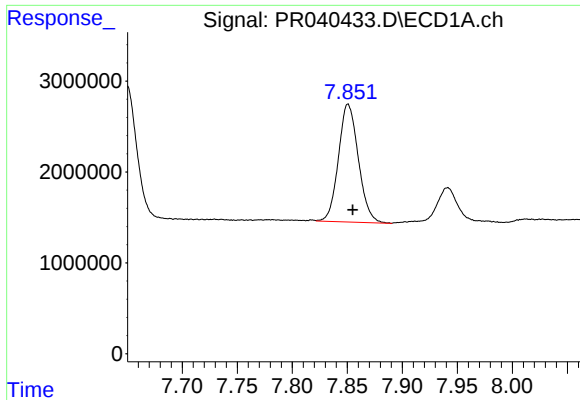
#42 AR-1268-2

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 18813956
Conc: 54.91 ng/ml



#42 AR-1268-2

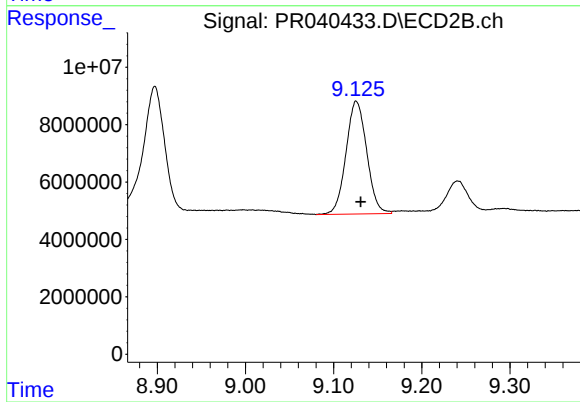
R.T.: 8.897 min
Delta R.T.: -0.005 min
Response: 78686888
Conc: 63.20 ng/ml



#43 AR-1268-3

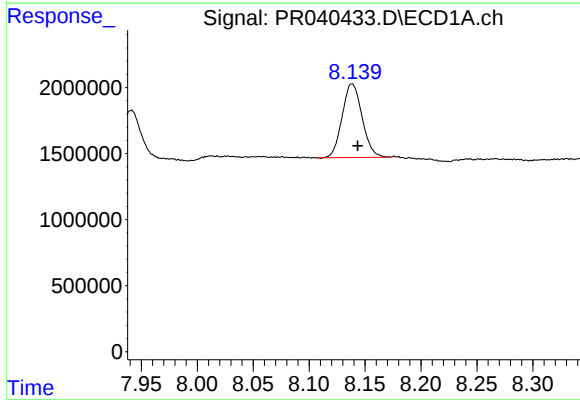
R.T.: 7.851 min
Delta R.T.: -0.004 min
Response: 16319720
Conc: 57.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



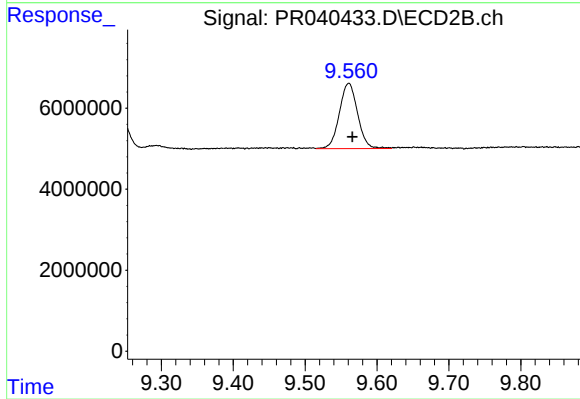
#43 AR-1268-3

R.T.: 9.125 min
Delta R.T.: -0.005 min
Response: 64150678
Conc: 60.81 ng/ml



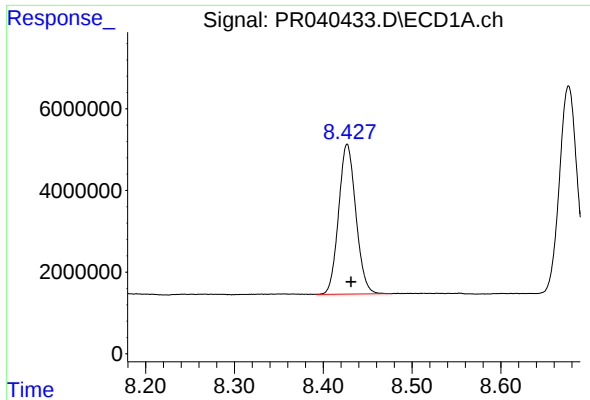
#44 AR-1268-4

R.T.: 8.138 min
Delta R.T.: -0.005 min
Response: 6953175
Conc: 51.37 ng/ml



#44 AR-1268-4

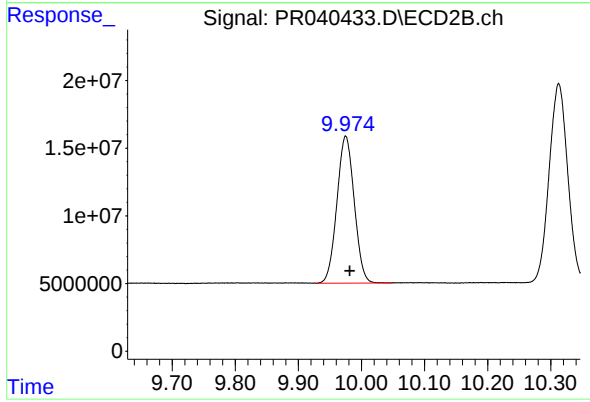
R.T.: 9.561 min
Delta R.T.: -0.005 min
Response: 28351182
Conc: 57.80 ng/ml



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.004 min
Response: 49521501
Conc: 48.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.975 min
Delta R.T.: -0.006 min
Response: 207157291
Conc: 52.52 ng/ml