

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 07:58
 Operator : DD\AJ
 Sample : L1161-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 09:19:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 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...	4.700	3.962	140.4E6	286.6E6	18.940	18.123
2)	SA Decachlor...	10.594	9.041	171.9E6	302.4E6	22.500	21.250
Target Compounds							
3)	L1 AR-1016-1	0.000	5.051	0	1447365	N.D.	3.208 #
4)	L1 AR-1016-2	0.000	5.072	0	725501	N.D.	1.176 #
5)	L1 AR-1016-3	0.000	5.246	0	487027	N.D.	1.603 #
6)	L1 AR-1016-4	0.000	5.288	0	11422799	N.D.	49.760 #
7)	L1 AR-1016-5	6.354	5.504	4197275	6298459	22.674	20.028
8)	L2 AR-1221-1	0.000	4.128	0	573072	N.D.	3.441 #
9)	L2 AR-1221-2	5.011	4.266	1504266	3479165	27.456	28.218
10)	L2 AR-1221-3	5.011	4.336	1504266	146513	8.480	0.380 #
11)	L3 AR-1232-1	5.011	4.336	1504266	146513	10.728	0.480 #
12)	L3 AR-1232-2	0.000	5.072	0	725501	N.D.	2.943 #
13)	L3 AR-1232-3	0.000	5.246	0	487027	N.D.	4.039 #
14)	L3 AR-1232-4	0.000	5.331	0	3281994	N.D.	33.531 #
15)	L3 AR-1232-5	6.146	5.504	7518404	6298459	135.993	56.067 #
16)	L4 AR-1242-1	0.000	5.051	0	1447365	N.D.	4.643 #
17)	L4 AR-1242-2	0.000	5.072	0	725501	N.D.	1.698 #
18)	L4 AR-1242-3	0.000	5.246	0	487027	N.D.	2.292 #
19)	L4 AR-1242-4	0.000	5.331	0	3281994	N.D.	17.030 #
20)	L4 AR-1242-5	6.799	5.856	4338673	33617783	28.428	108.917 #
21)	L5 AR-1248-1	0.000	5.051	0	1447365	N.D.	5.737 #
22)	L5 AR-1248-2	6.146	5.288	7518404	11422799	36.881	41.694
23)	L5 AR-1248-3	6.354	5.331	4197275	3281994	18.434	11.703 #
24)	L5 AR-1248-4	6.757	5.504	7134144	6298459	26.353	17.430 #
25)	L5 AR-1248-5	6.799	5.899	4338673	5734777	16.955	13.676
26)	L6 AR-1254-1	6.731	5.856	14285383	33617783	54.508	54.168
27)	L6 AR-1254-2	6.947	6.003	21554130	30730129	52.973	55.294
28)	L6 AR-1254-3	7.317	6.408	22694669	45352808	51.548	47.922
29)	L6 AR-1254-4	7.602	6.636	17743232	34700178	52.565	48.161
30)	L6 AR-1254-5	8.022	7.055	18514956	42713678	52.036	50.016
31)	L7 AR-1260-1	7.479	6.538	8941537	21239691	26.791	31.147
32)	L7 AR-1260-2	7.734	6.726	10333070	21339106	25.303	21.368
33)	L7 AR-1260-3	8.086	6.880	2284103	18947324	7.347	23.362 #
34)	L7 AR-1260-4	8.323	7.353	7641722	2611558	20.921	3.621 #
35)	L7 AR-1260-5	8.669	7.593	2680780	6402109	3.436	2.961
36)	L8 AR-1262-1	8.086	7.055	2284103	42713678	5.160	35.357 #
37)	L8 AR-1262-2	8.669	7.593	2680780	6402109	3.147	2.873
38)	L8 AR-1262-3	9.020	7.881	2328073	798824	4.223	0.903 #
39)	L8 AR-1262-4	9.072	7.939	496084	6226472	1.163	4.237 #
41)	L9 AR-1268-1	9.020	7.881	2328073	798824	2.213	0.299 #
42)	L9 AR-1268-2	9.072	7.939	496084	6226472	0.501	2.723 #

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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
43) L9	AR-1268-3	9.343	8.151	592210	2224763	0.716	1.142 #
45) L9	AR-1268-5	10.234	8.768	1072146	3430353	0.373	0.612 #

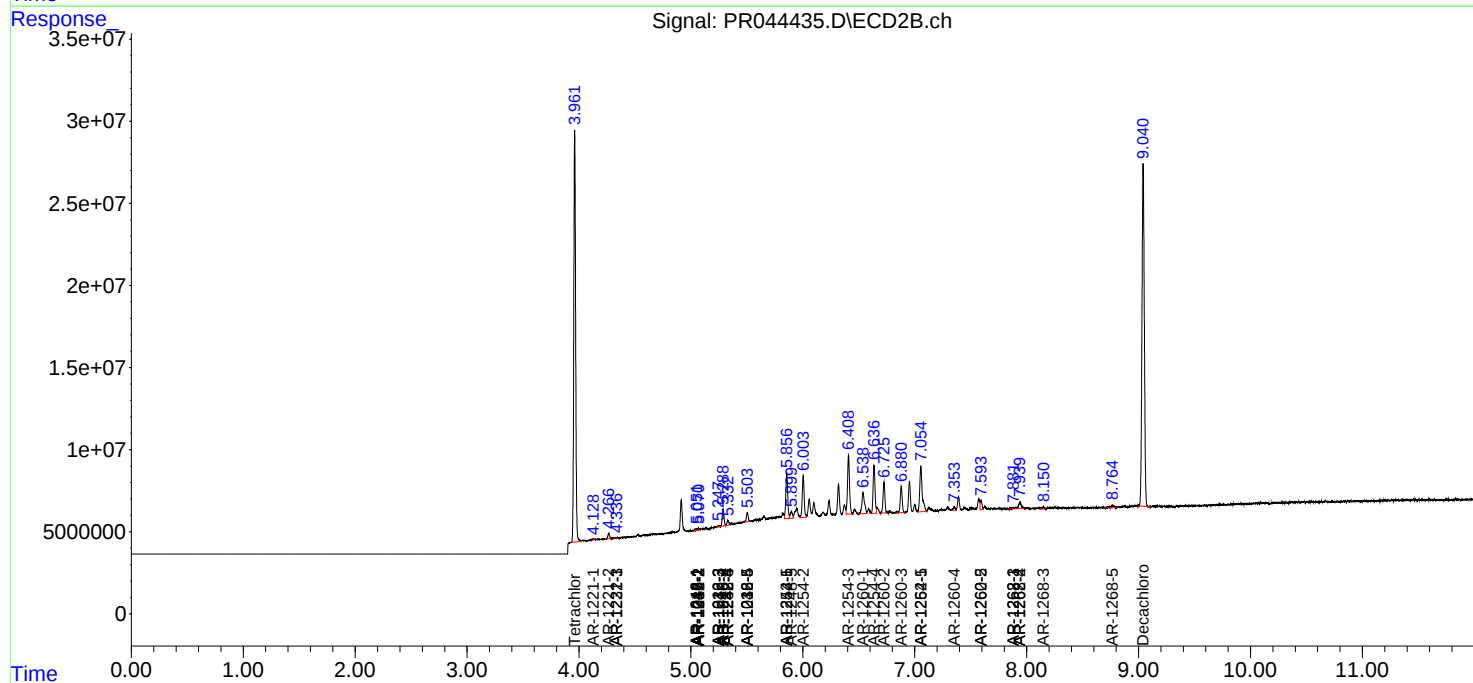
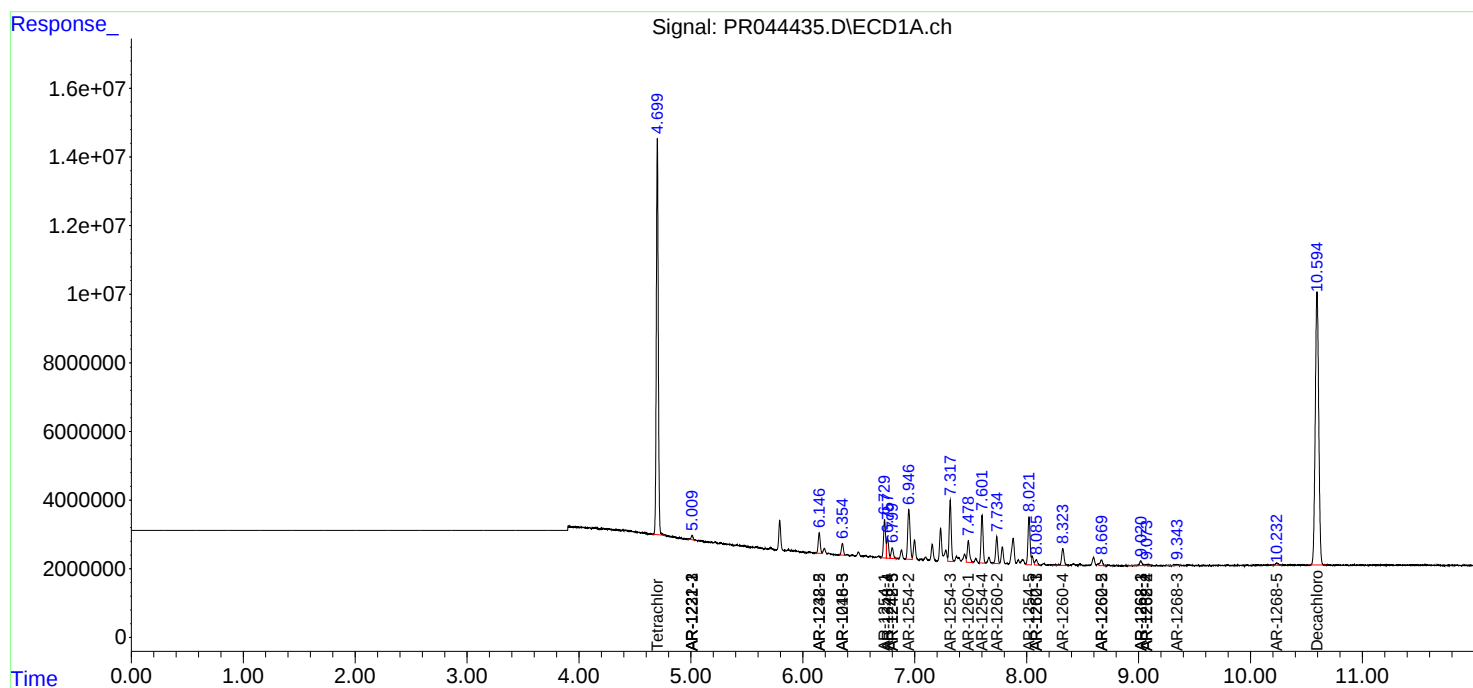
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

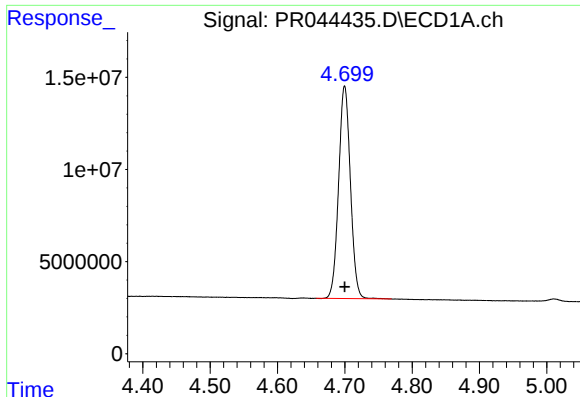
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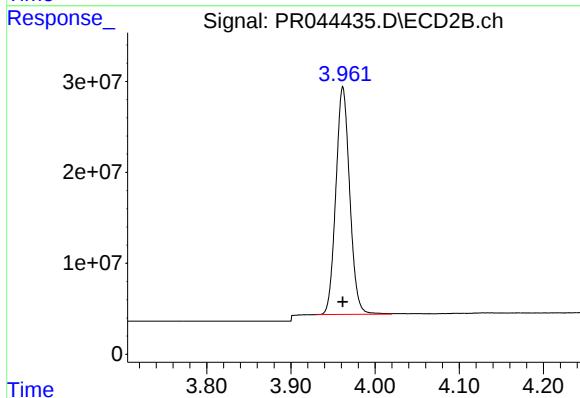




#1 Tetrachloro-m-xylene

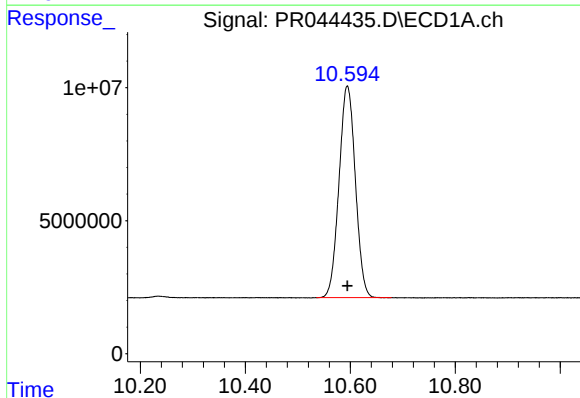
R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 140420943
Conc: 18.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



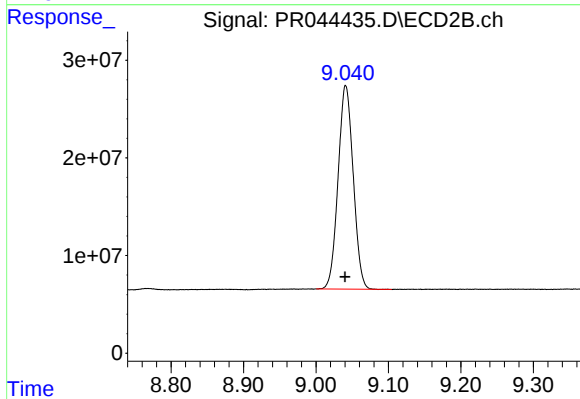
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 286591182
Conc: 18.12 ng/ml



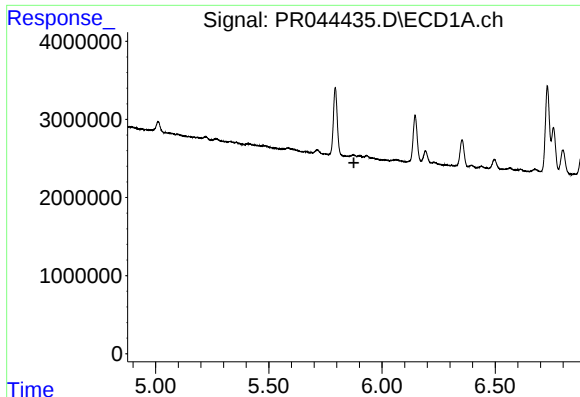
#2 Decachlorobiphenyl

R.T.: 10.594 min
Delta R.T.: 0.000 min
Response: 171886347
Conc: 22.50 ng/ml



#2 Decachlorobiphenyl

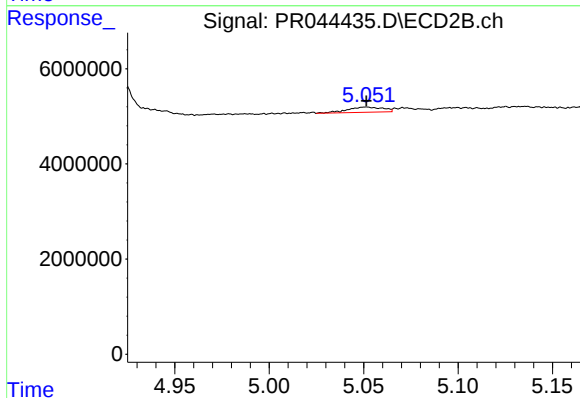
R.T.: 9.041 min
Delta R.T.: 0.001 min
Response: 302393129
Conc: 21.25 ng/ml



#3 AR-1016-1

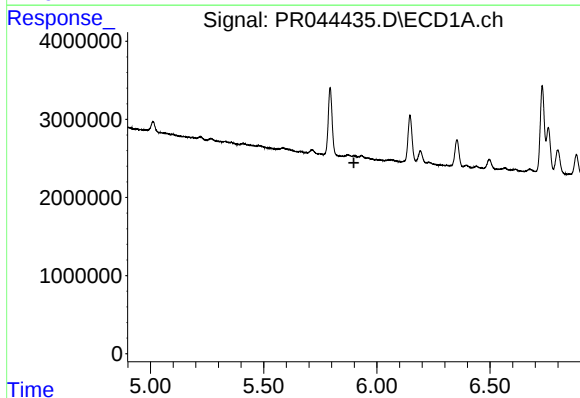
R.T.: 0.000 min
Exp R.T.: 5.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



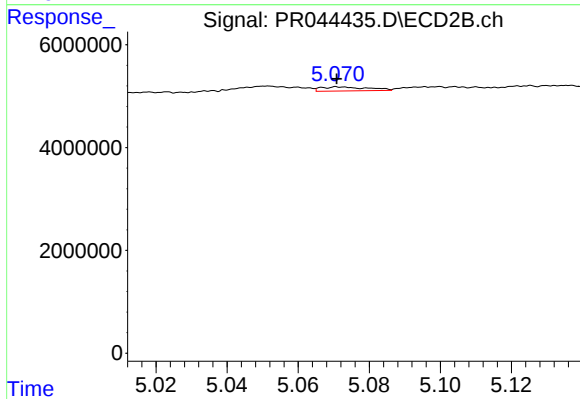
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 1447365
Conc: 3.21 ng/ml



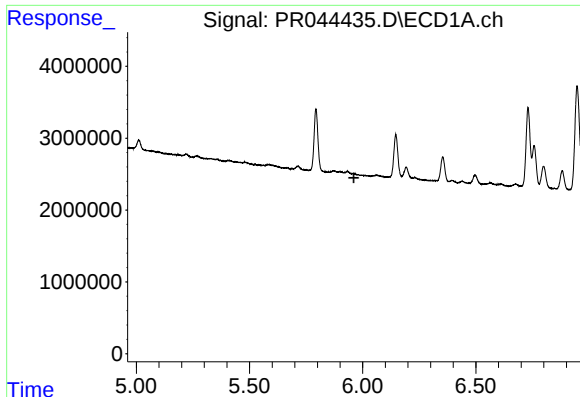
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.898 min
Response: 0
Conc: N.D.



#4 AR-1016-2

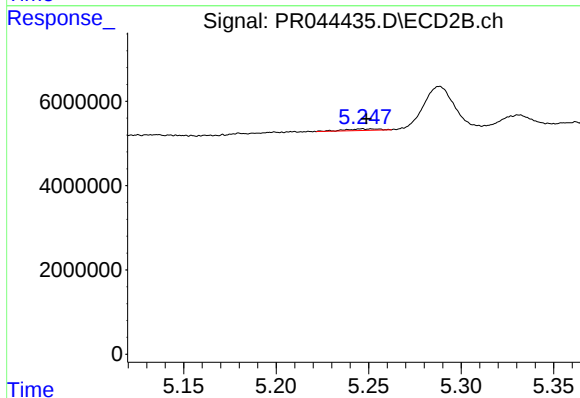
R.T.: 5.072 min
Delta R.T.: 0.001 min
Response: 725501
Conc: 1.18 ng/ml



#5 AR-1016-3

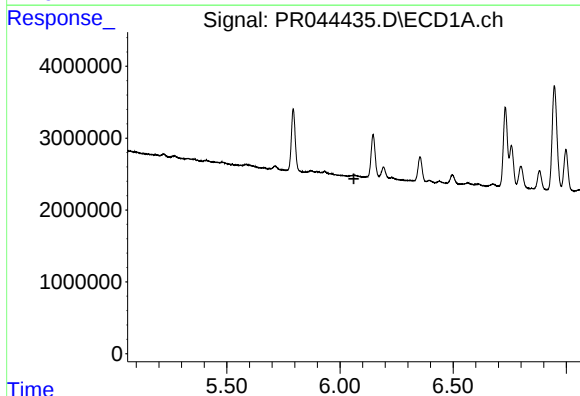
R.T.: 0.000 min
Exp R.T.: 5.961 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



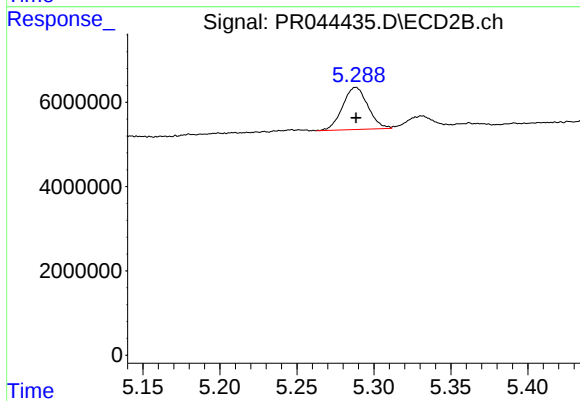
#5 AR-1016-3

R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 487027
Conc: 1.60 ng/ml



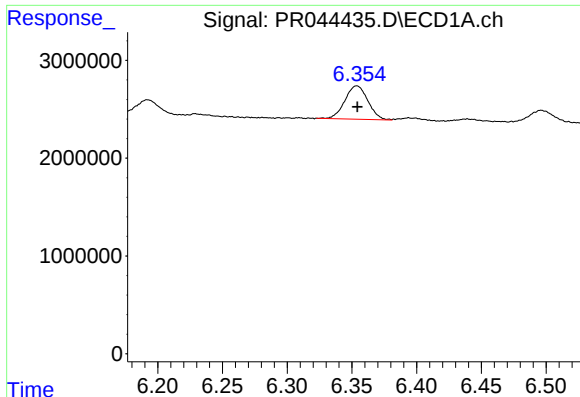
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.062 min
Response: 0
Conc: N.D.



#6 AR-1016-4

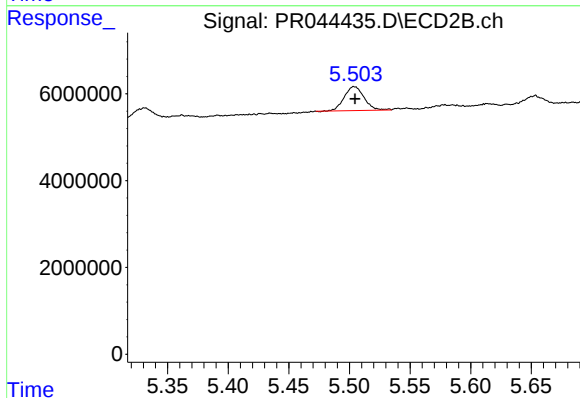
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 11422799
Conc: 49.76 ng/ml



#7 AR-1016-5

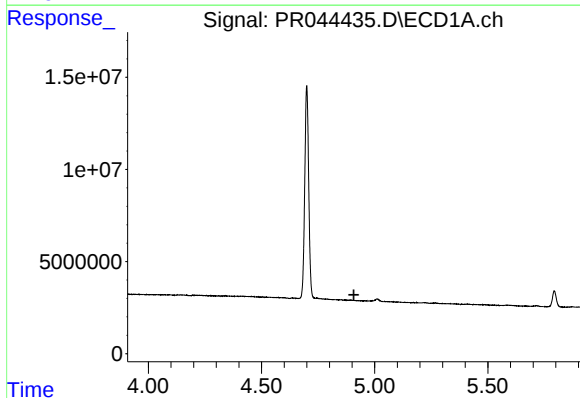
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4197275
Conc: 22.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



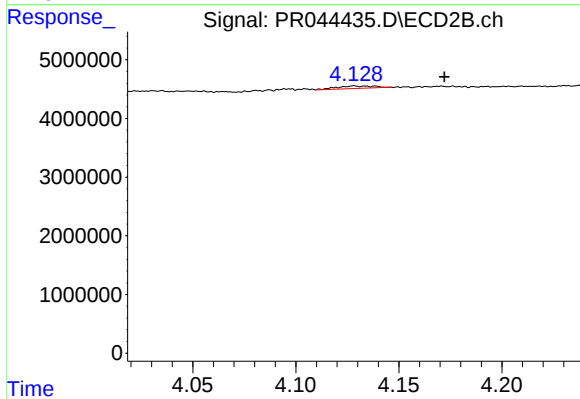
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 6298459
Conc: 20.03 ng/ml



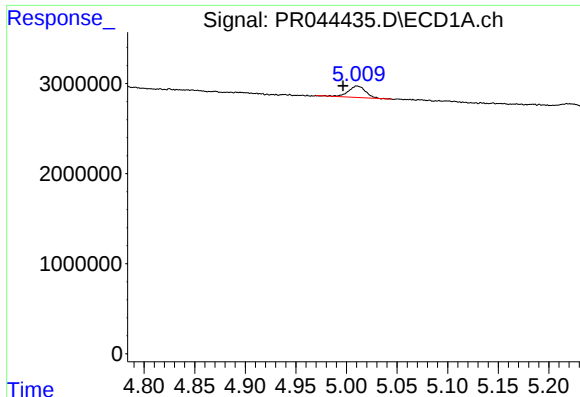
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.908 min
Response: 0
Conc: N.D.



#8 AR-1221-1

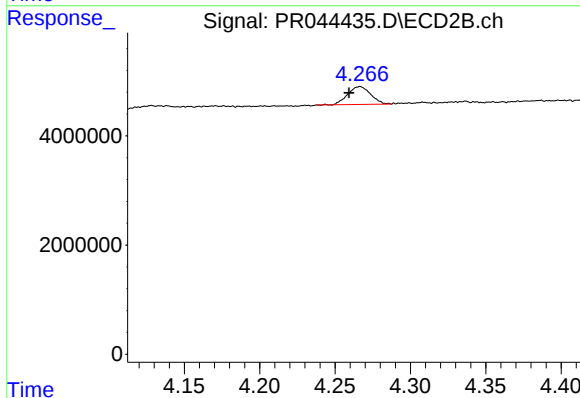
R.T.: 4.128 min
Delta R.T.: -0.044 min
Response: 573072
Conc: 3.44 ng/ml



#9 AR-1221-2

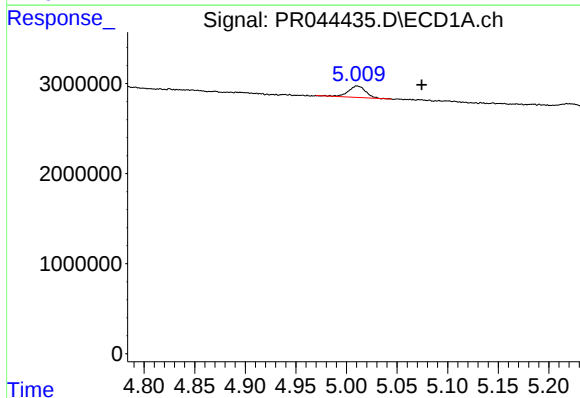
R.T.: 5.011 min
Delta R.T.: 0.014 min
Response: 1504266
Conc: 27.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



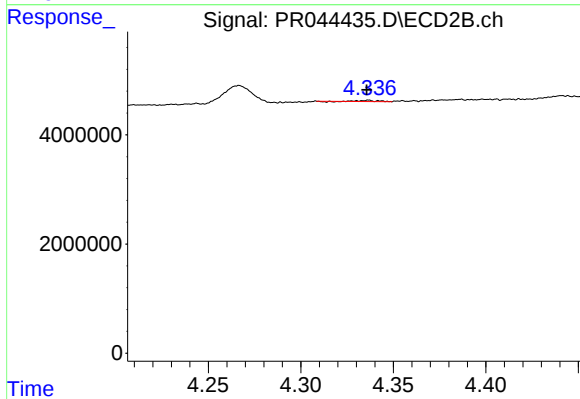
#9 AR-1221-2

R.T.: 4.266 min
Delta R.T.: 0.007 min
Response: 3479165
Conc: 28.22 ng/ml



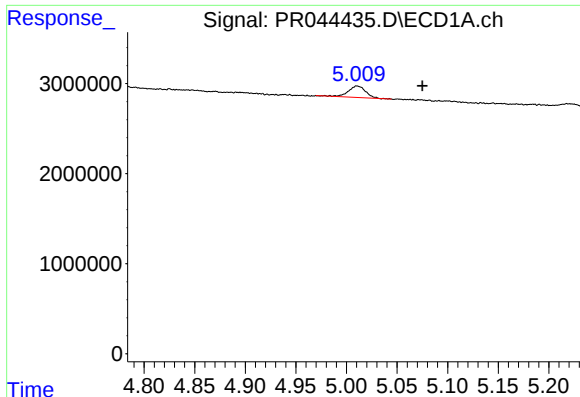
#10 AR-1221-3

R.T.: 5.011 min
Delta R.T.: -0.064 min
Response: 1504266
Conc: 8.48 ng/ml



#10 AR-1221-3

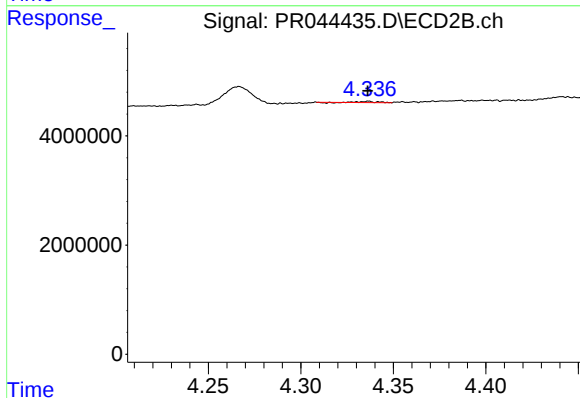
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 146513
Conc: 0.38 ng/ml



#11 AR-1232-1

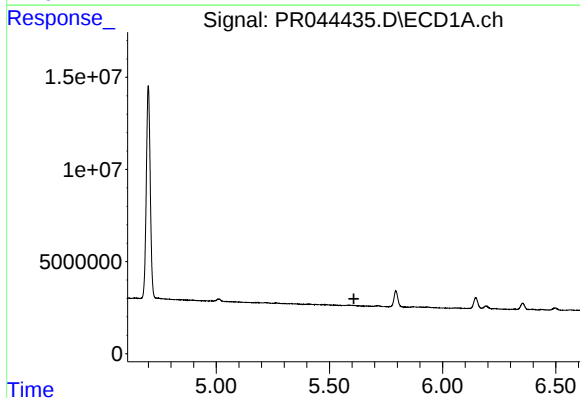
R.T.: 5.011 min
Delta R.T.: -0.065 min
Response: 1504266
Conc: 10.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



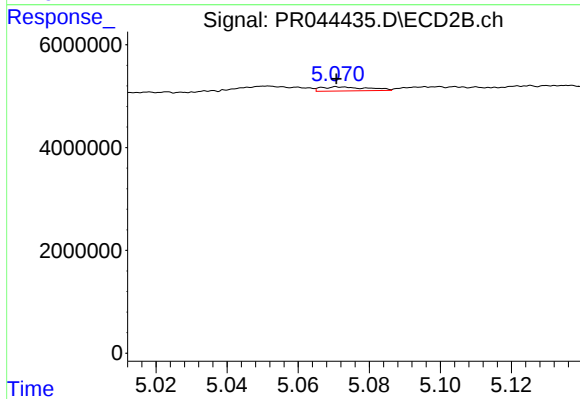
#11 AR-1232-1

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 146513
Conc: 0.48 ng/ml



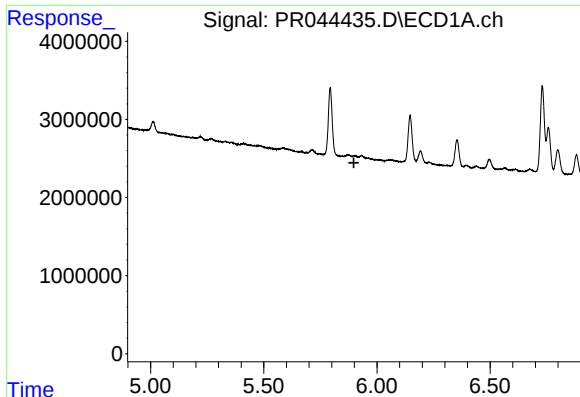
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.608 min
Response: 0
Conc: N.D.



#12 AR-1232-2

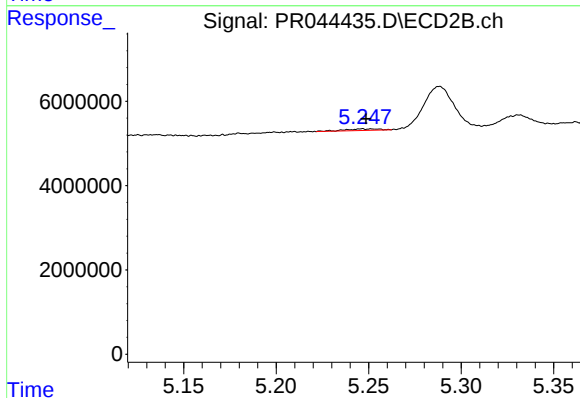
R.T.: 5.072 min
Delta R.T.: 0.001 min
Response: 725501
Conc: 2.94 ng/ml



#13 AR-1232-3

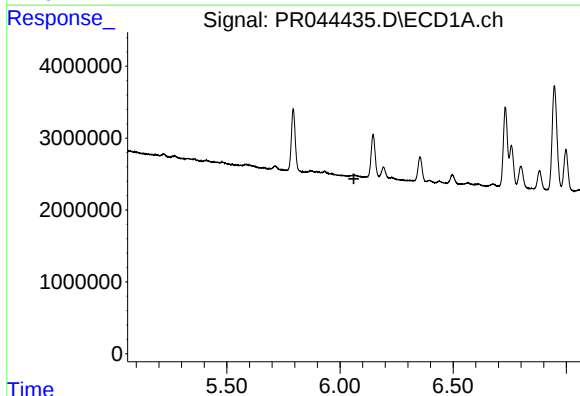
R.T.: 0.000 min
Exp R.T.: 5.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



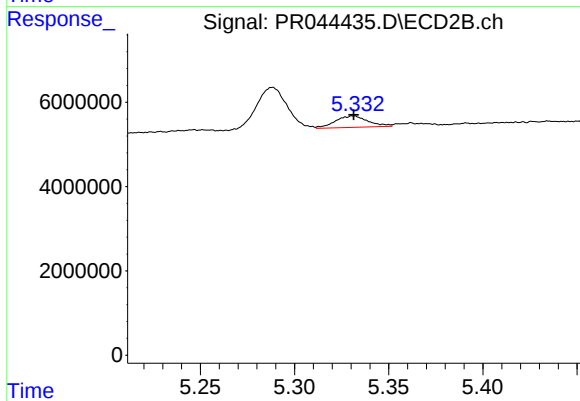
#13 AR-1232-3

R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 487027
Conc: 4.04 ng/ml



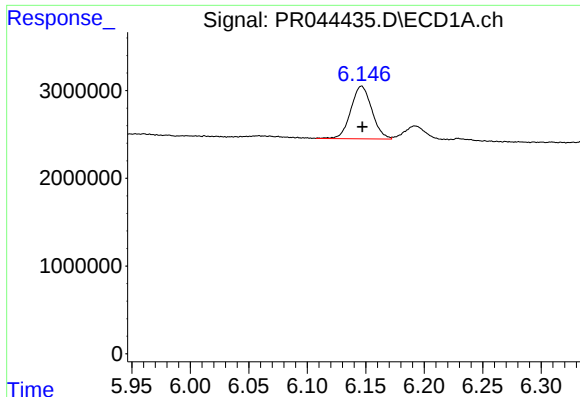
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.061 min
Response: 0
Conc: N.D.



#14 AR-1232-4

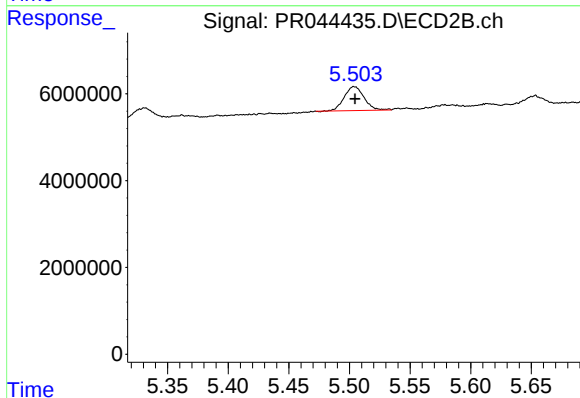
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 3281994
Conc: 33.53 ng/ml



#15 AR-1232-5

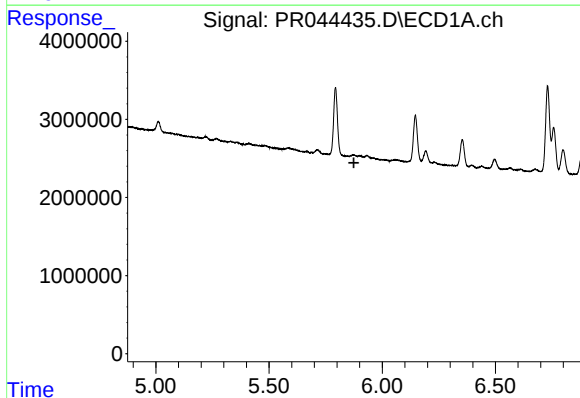
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 7518404
Conc: 135.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



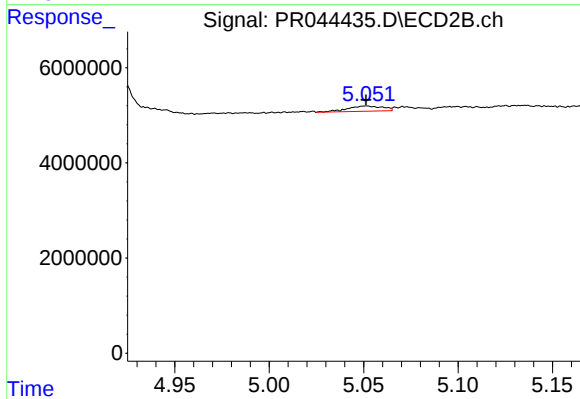
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 6298459
Conc: 56.07 ng/ml



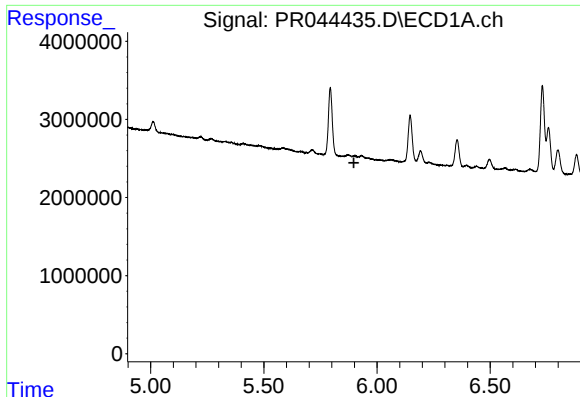
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.875 min
Response: 0
Conc: N.D.



#16 AR-1242-1

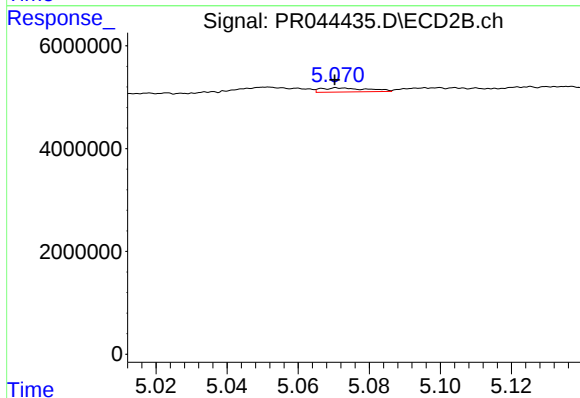
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 1447365
Conc: 4.64 ng/ml



#17 AR-1242-2

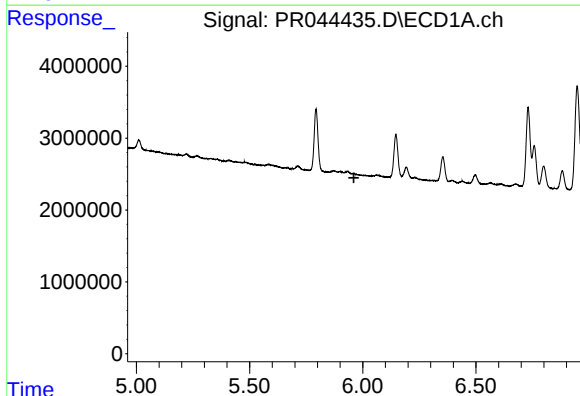
R.T.: 0.000 min
Exp R.T.: 5.898 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



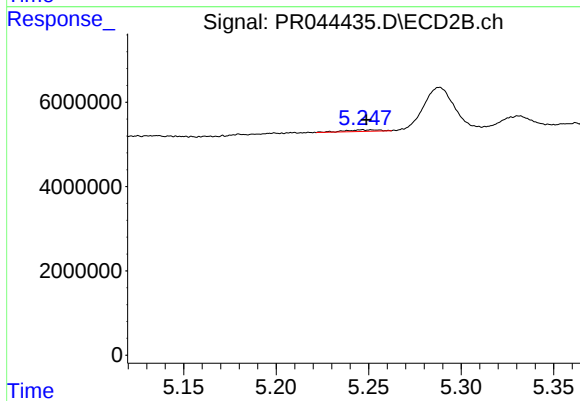
#17 AR-1242-2

R.T.: 5.072 min
Delta R.T.: 0.002 min
Response: 725501
Conc: 1.70 ng/ml



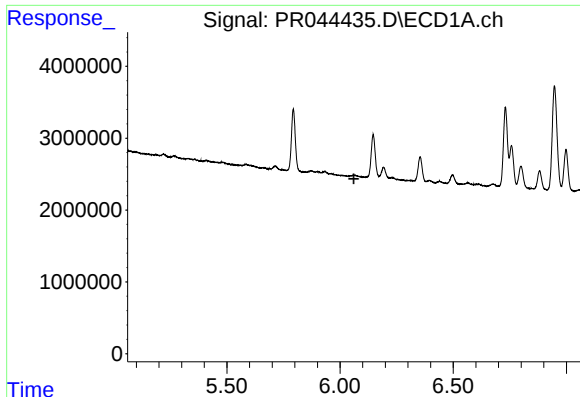
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.961 min
Response: 0
Conc: N.D.



#18 AR-1242-3

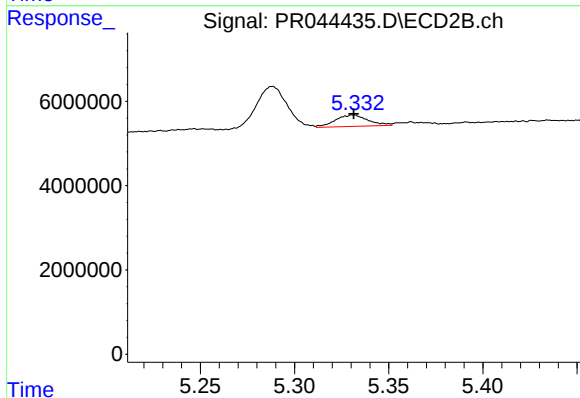
R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 487027
Conc: 2.29 ng/ml



#19 AR-1242-4

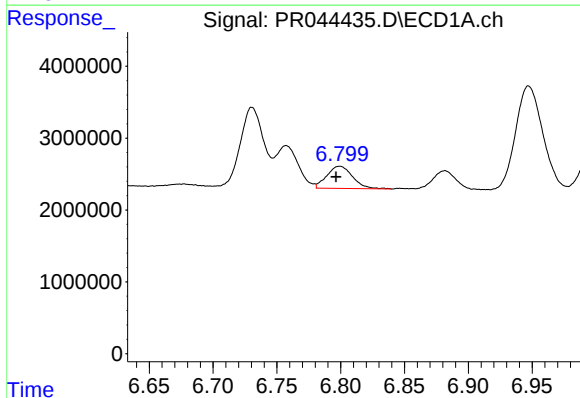
R.T.: 0.000 min
Exp R.T.: 6.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



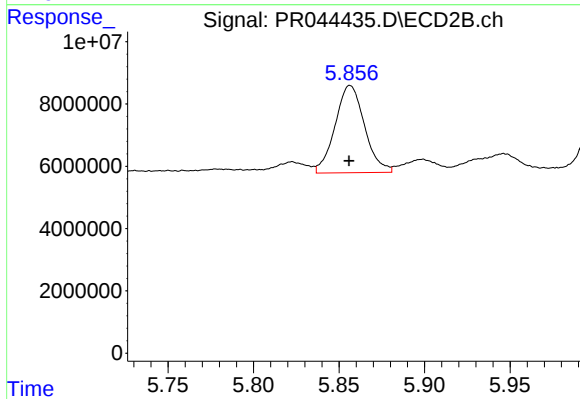
#19 AR-1242-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 3281994
Conc: 17.03 ng/ml



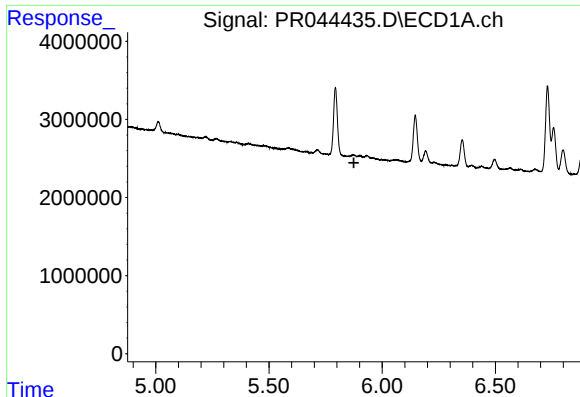
#20 AR-1242-5

R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 4338673
Conc: 28.43 ng/ml



#20 AR-1242-5

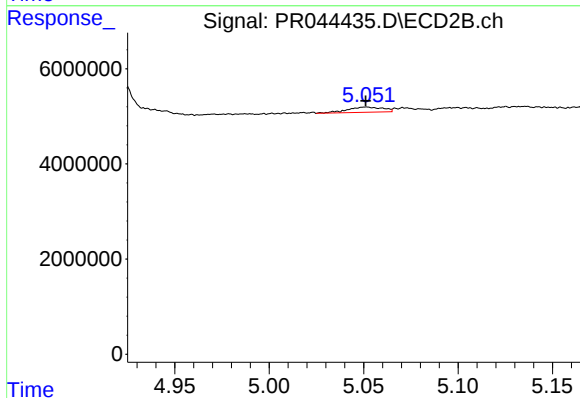
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 33617783
Conc: 108.92 ng/ml



#21 AR-1248-1

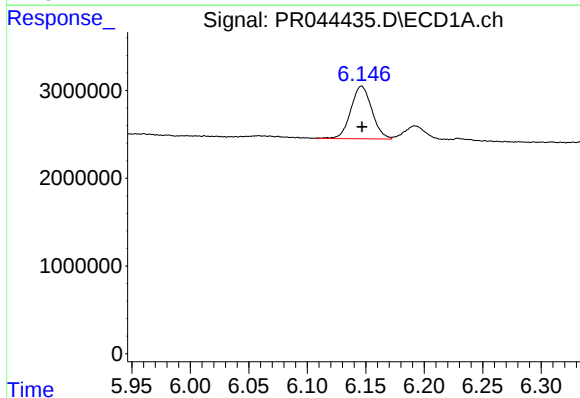
R.T.: 0.000 min
Exp R.T.: 5.875 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



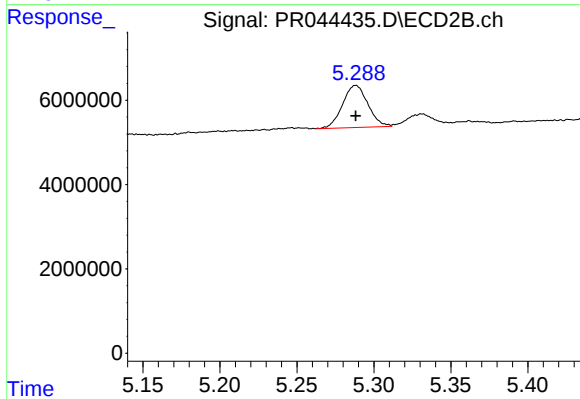
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 1447365
Conc: 5.74 ng/ml



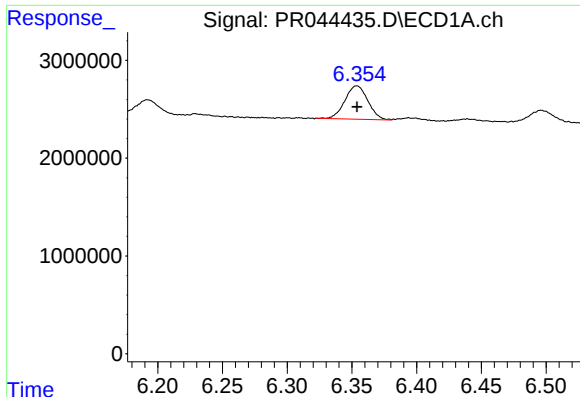
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 7518404
Conc: 36.88 ng/ml



#22 AR-1248-2

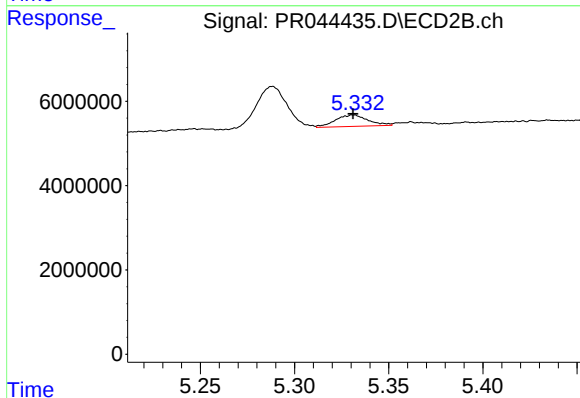
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 11422799
Conc: 41.69 ng/ml



#23 AR-1248-3

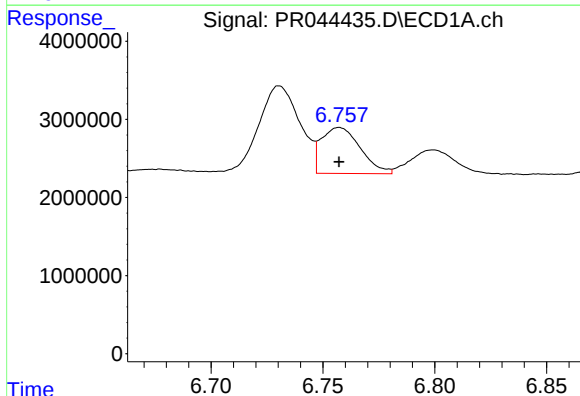
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4197275
Conc: 18.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



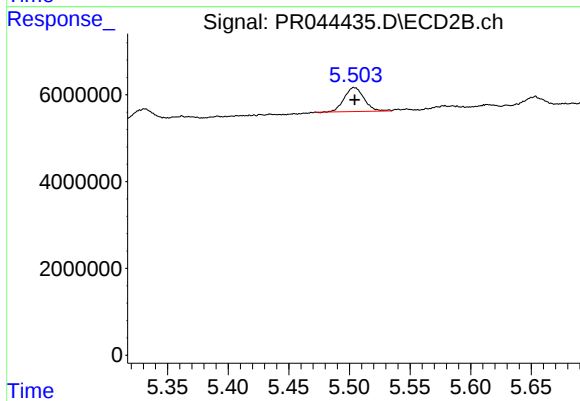
#23 AR-1248-3

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 3281994
Conc: 11.70 ng/ml



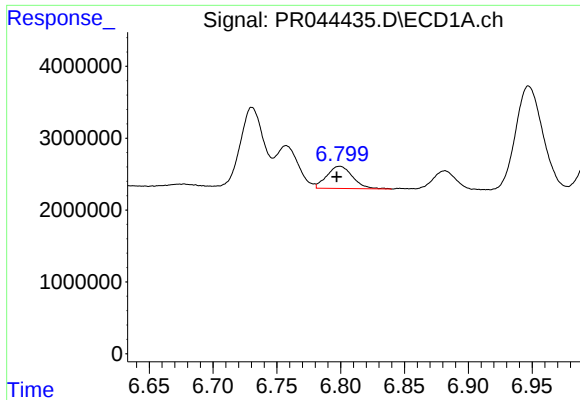
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 7134144
Conc: 26.35 ng/ml



#24 AR-1248-4

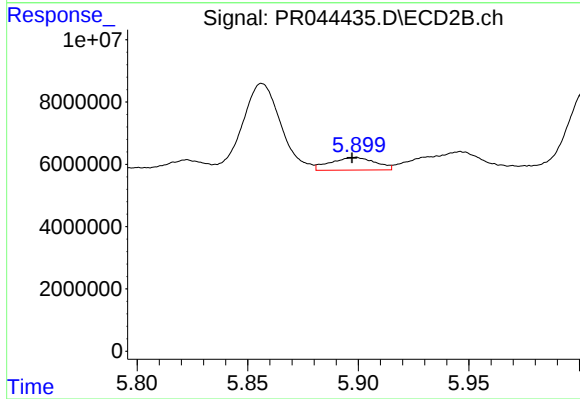
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 6298459
Conc: 17.43 ng/ml



#25 AR-1248-5

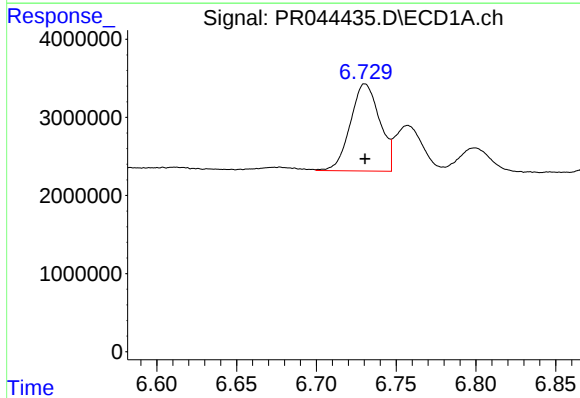
R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 4338673
Conc: 16.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



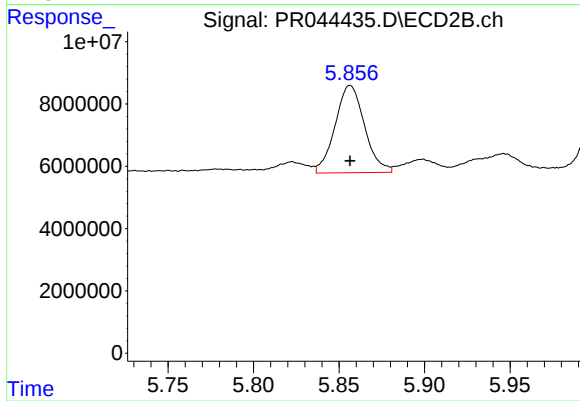
#25 AR-1248-5

R.T.: 5.899 min
Delta R.T.: 0.001 min
Response: 5734777
Conc: 13.68 ng/ml



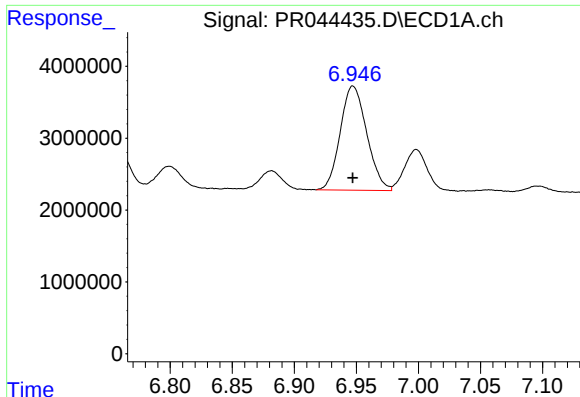
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 14285383
Conc: 54.51 ng/ml



#26 AR-1254-1

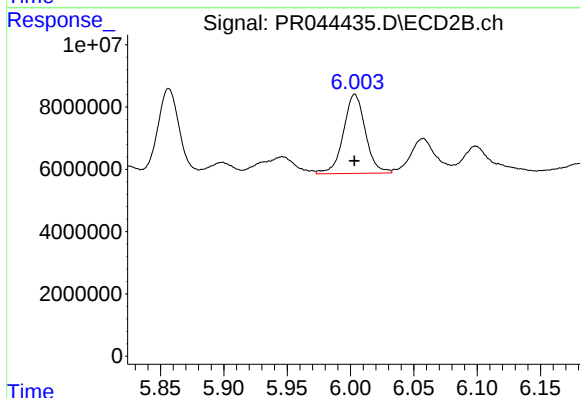
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 33617783
Conc: 54.17 ng/ml



#27 AR-1254-2

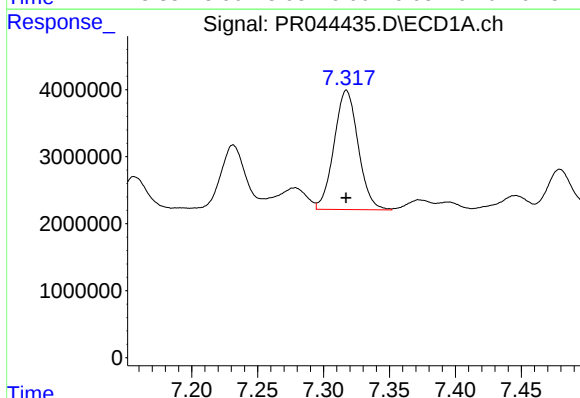
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 21554130
Conc: 52.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



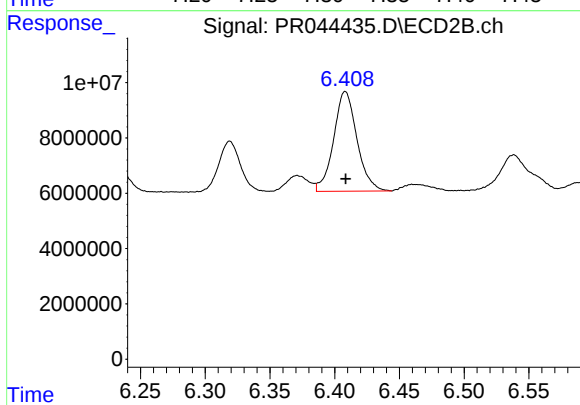
#27 AR-1254-2

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 30730129
Conc: 55.29 ng/ml



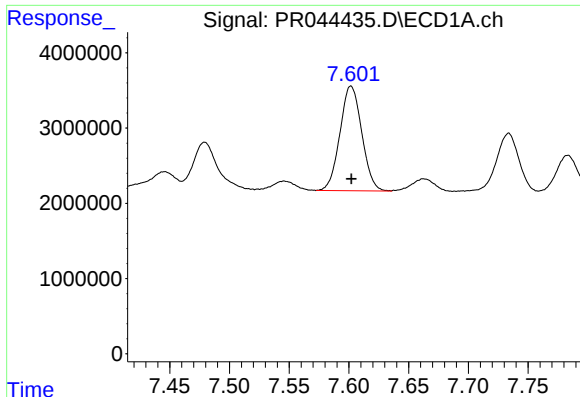
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 22694669
Conc: 51.55 ng/ml



#28 AR-1254-3

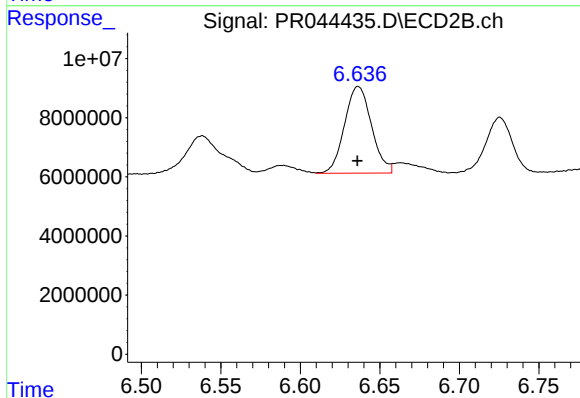
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 45352808
Conc: 47.92 ng/ml



#29 AR-1254-4

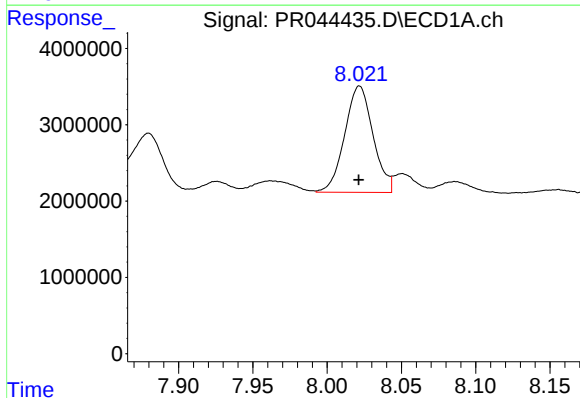
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 17743232
Conc: 52.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



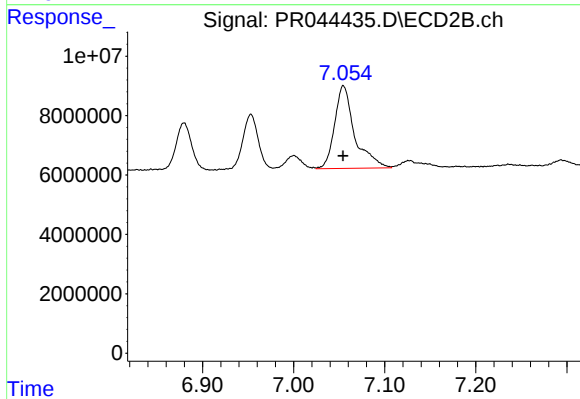
#29 AR-1254-4

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 34700178
Conc: 48.16 ng/ml



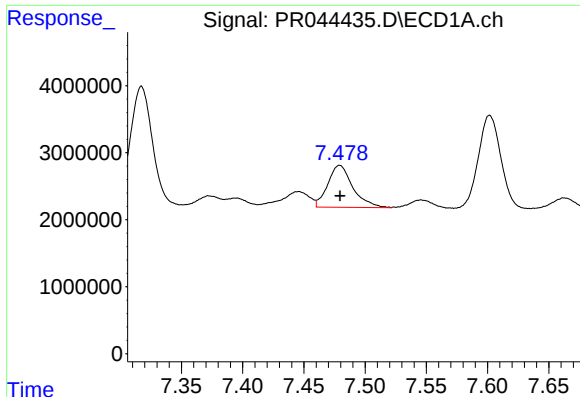
#30 AR-1254-5

R.T.: 8.022 min
Delta R.T.: 0.000 min
Response: 18514956
Conc: 52.04 ng/ml



#30 AR-1254-5

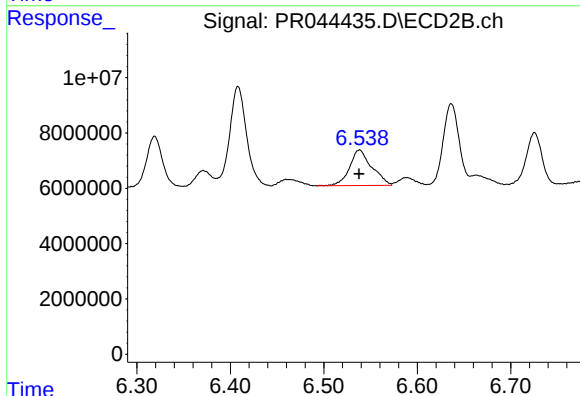
R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 42713678
Conc: 50.02 ng/ml



#31 AR-1260-1

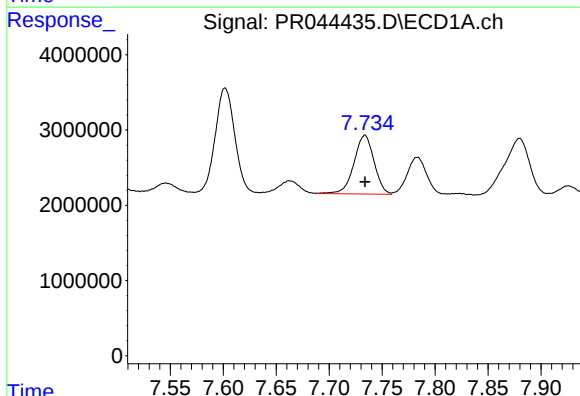
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 8941537
Conc: 26.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



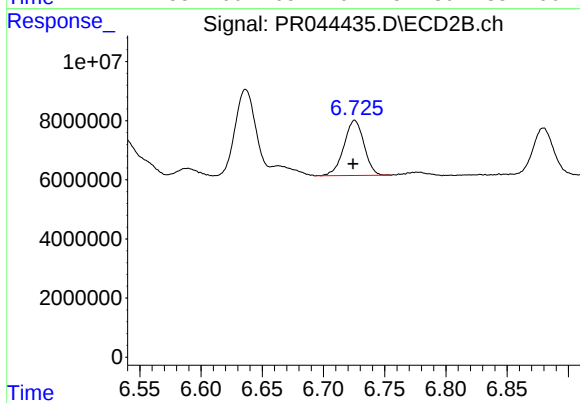
#31 AR-1260-1

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 21239691
Conc: 31.15 ng/ml



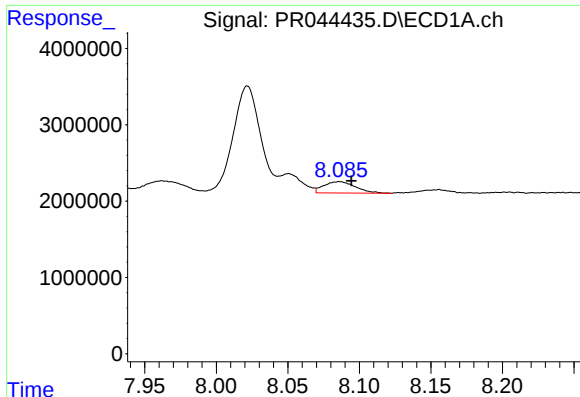
#32 AR-1260-2

R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 10333070
Conc: 25.30 ng/ml



#32 AR-1260-2

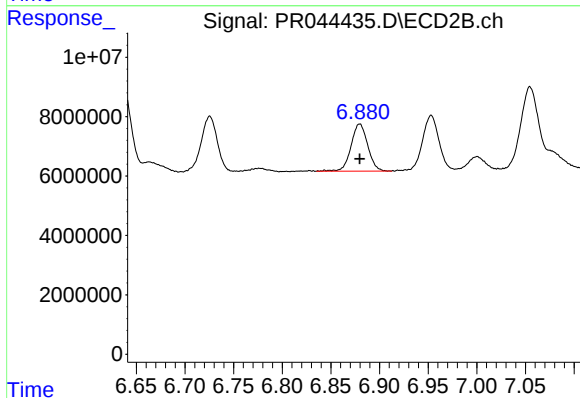
R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 21339106
Conc: 21.37 ng/ml



#33 AR-1260-3

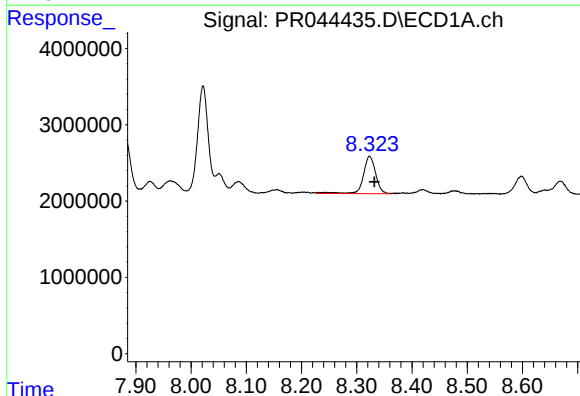
R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 2284103
Conc: 7.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



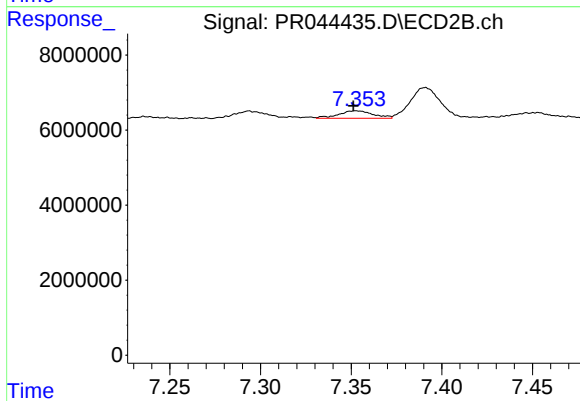
#33 AR-1260-3

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 18947324
Conc: 23.36 ng/ml



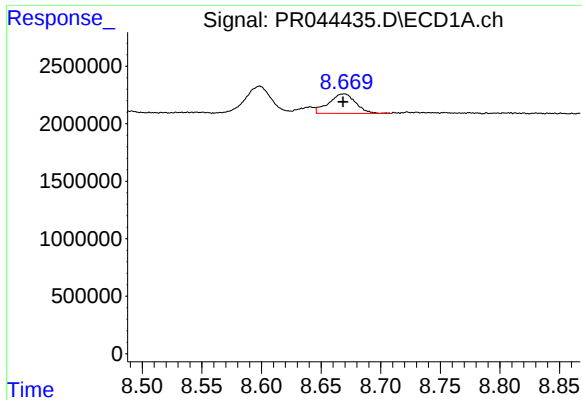
#34 AR-1260-4

R.T.: 8.323 min
Delta R.T.: -0.009 min
Response: 7641722
Conc: 20.92 ng/ml



#34 AR-1260-4

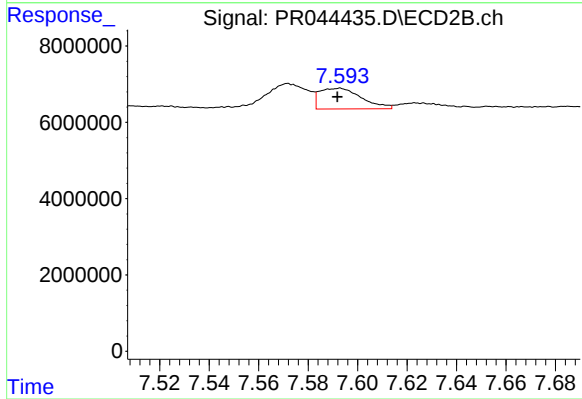
R.T.: 7.353 min
Delta R.T.: 0.002 min
Response: 2611558
Conc: 3.62 ng/ml



#35 AR-1260-5

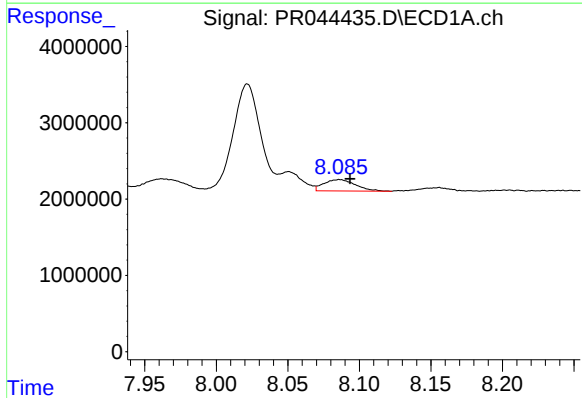
R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 2680780
Conc: 3.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



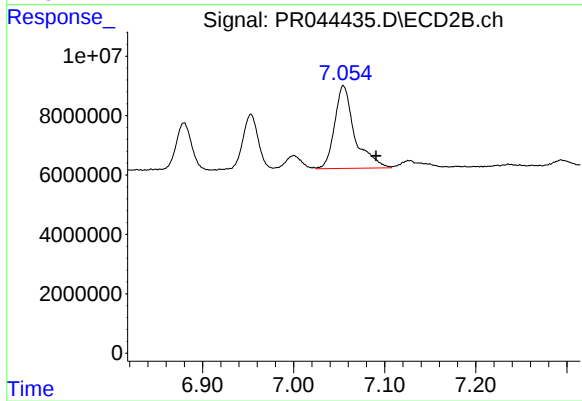
#35 AR-1260-5

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 6402109
Conc: 2.96 ng/ml



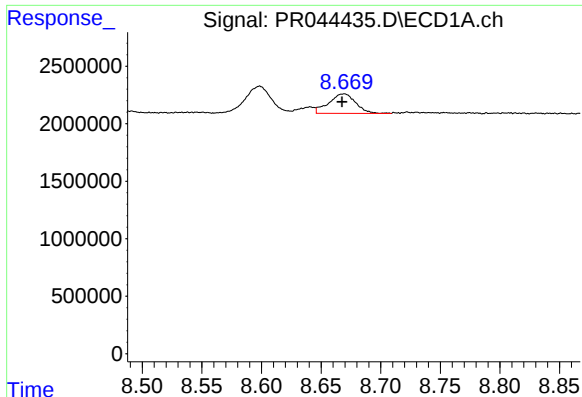
#36 AR-1262-1

R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 2284103
Conc: 5.16 ng/ml



#36 AR-1262-1

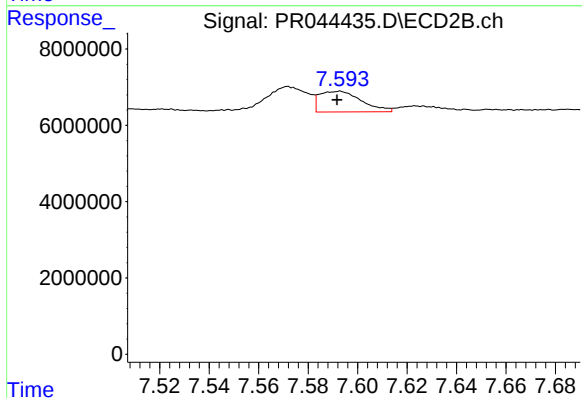
R.T.: 7.055 min
Delta R.T.: -0.036 min
Response: 42713678
Conc: 35.36 ng/ml



#37 AR-1262-2

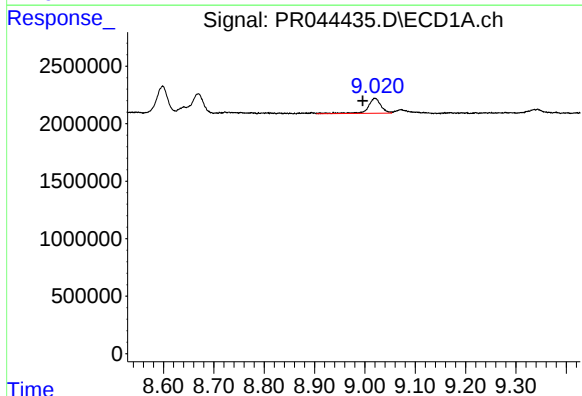
R.T.: 8.669 min
Delta R.T.: 0.002 min
Response: 2680780
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



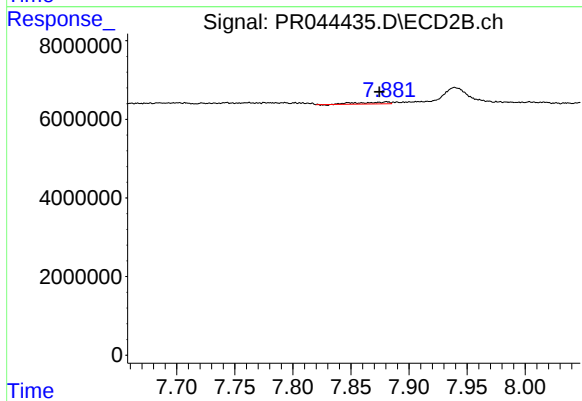
#37 AR-1262-2

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 6402109
Conc: 2.87 ng/ml



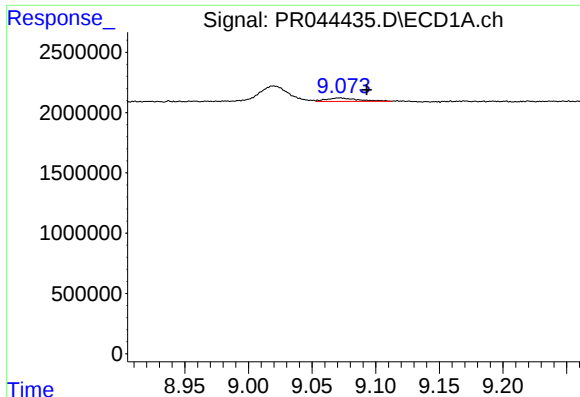
#38 AR-1262-3

R.T.: 9.020 min
Delta R.T.: 0.024 min
Response: 2328073
Conc: 4.22 ng/ml



#38 AR-1262-3

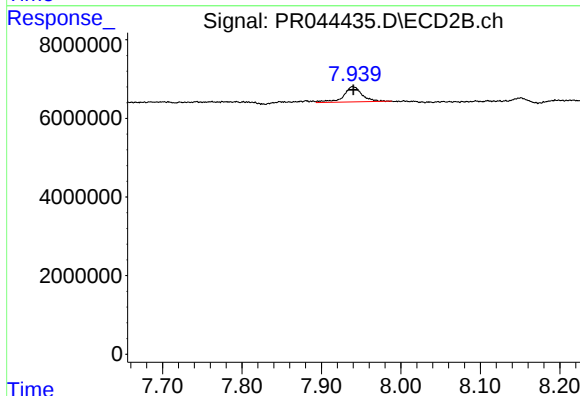
R.T.: 7.881 min
Delta R.T.: 0.006 min
Response: 798824
Conc: 0.90 ng/ml



#39 AR-1262-4

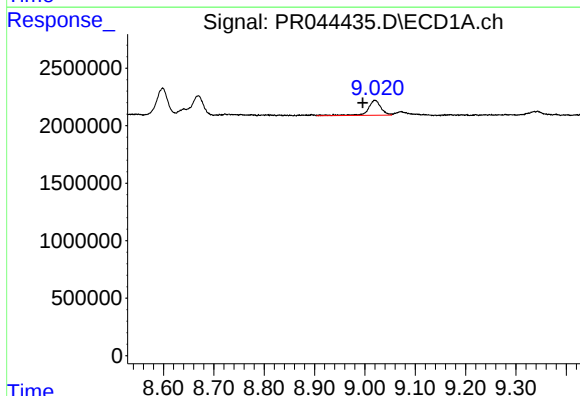
R.T.: 9.072 min
Delta R.T.: -0.021 min
Response: 496084
Conc: 1.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



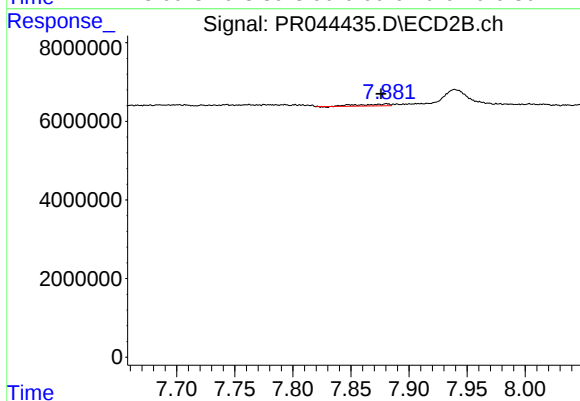
#39 AR-1262-4

R.T.: 7.939 min
Delta R.T.: 0.000 min
Response: 6226472
Conc: 4.24 ng/ml



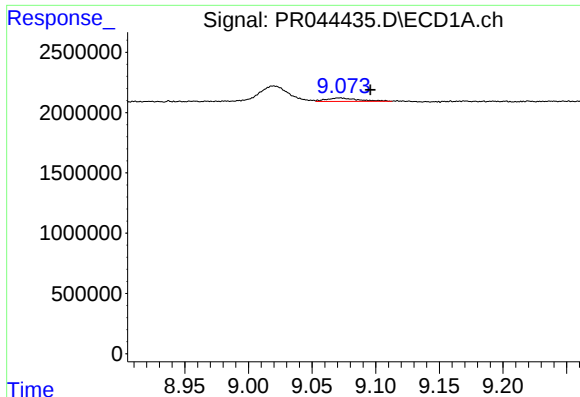
#41 AR-1268-1

R.T.: 9.020 min
Delta R.T.: 0.024 min
Response: 2328073
Conc: 2.21 ng/ml



#41 AR-1268-1

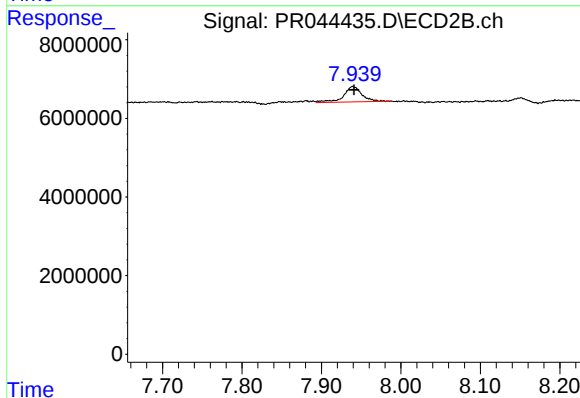
R.T.: 7.881 min
Delta R.T.: 0.005 min
Response: 798824
Conc: 0.30 ng/ml



#42 AR-1268-2

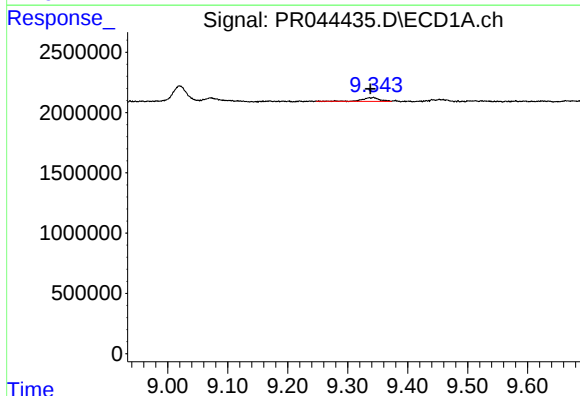
R.T.: 9.072 min
Delta R.T.: -0.024 min
Response: 496084
Conc: 0.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



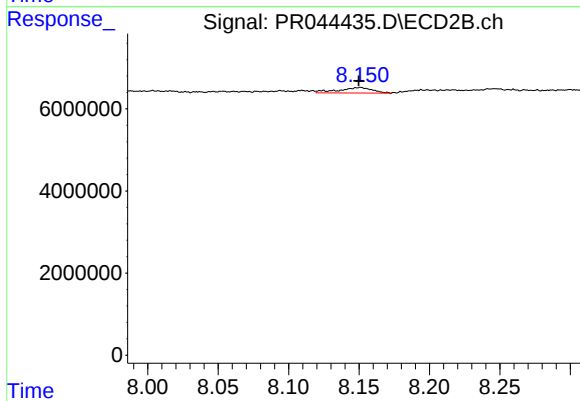
#42 AR-1268-2

R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 6226472
Conc: 2.72 ng/ml



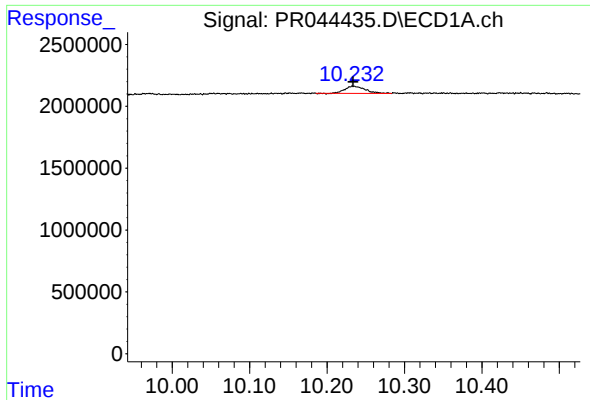
#43 AR-1268-3

R.T.: 9.343 min
Delta R.T.: 0.005 min
Response: 592210
Conc: 0.72 ng/ml



#43 AR-1268-3

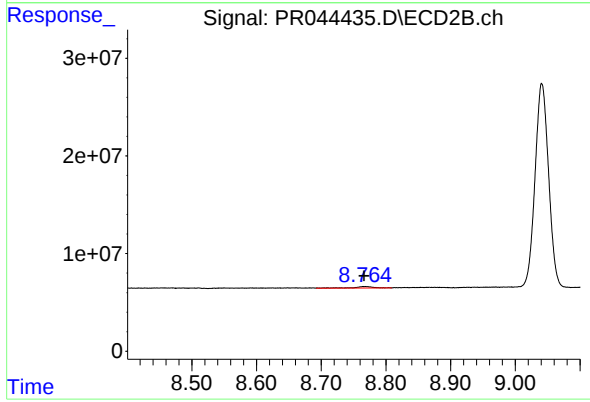
R.T.: 8.151 min
Delta R.T.: 0.001 min
Response: 2224763
Conc: 1.14 ng/ml



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 1072146
Conc: 0.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.768 min
Delta R.T.: 0.002 min
Response: 3430353
Conc: 0.61 ng/ml