

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
 Data File : PR046205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2020 17:59
 Operator : AJ\MA
 Sample : L3216-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:17:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 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...	4.766	3.989	20852046	150.4E6	11.336	12.224
2)	SA Decachlor...	10.771	9.118	25659946	216.6E6	12.982	13.991
Target Compounds							
3)	L1 AR-1016-1	5.967	0.000	79425	0	1.133	N.D. #
4)	L1 AR-1016-2	5.967	0.000	79425	0	0.803	N.D. #
5)	L1 AR-1016-3	6.064f	0.000	48347	0	0.813	N.D. #
6)	L1 AR-1016-4	6.136	5.326	31977	7546700	0.641	28.074 #
7)	L1 AR-1016-5	6.439	5.543	963526	4755935	19.592	12.791 #
8)	L2 AR-1221-1	4.977	0.000	39073	0	1.976	N.D. #
9)	L2 AR-1221-2	5.082	4.295	824762	2930619	56.182	30.788 #
12)	L3 AR-1232-2	5.674	0.000	100221	0	5.180	N.D. #
13)	L3 AR-1232-3	5.967	0.000	79425	0	1.992	N.D. #
14)	L3 AR-1232-4	6.136	5.368	31977	3249371	1.605	26.280 #
15)	L3 AR-1232-5	6.227	5.543	985283	4755935	65.335	34.635 #
16)	L4 AR-1242-1	5.967	0.000	79425	0	1.469	N.D. #
17)	L4 AR-1242-2	5.967	0.000	79425	0	1.048	N.D. #
18)	L4 AR-1242-3	6.064f	0.000	48347	0	1.057	N.D. #
19)	L4 AR-1242-4	6.136	5.368	31977	3249371	0.837	12.492 #
20)	L4 AR-1242-5	6.887	5.898	706872	14997943	15.975	40.628 #
21)	L5 AR-1248-1	5.967	0.000	79425	0	1.971	N.D. #
22)	L5 AR-1248-2	6.227	5.326	985283	7546700	18.061	21.387
23)	L5 AR-1248-3	6.439	5.368	963526	3249371	15.524	8.682 #
24)	L5 AR-1248-4	6.846	5.543	942630	4755935	12.795	10.131
25)	L5 AR-1248-5	6.887	0.000	706872	0	10.065	N.D. #
26)	L6 AR-1254-1	6.818	5.898	1699977	14997943	22.018	19.043
27)	L6 AR-1254-2	7.035	6.046	2583247	15601249	21.128	22.690
28)	L6 AR-1254-3	7.409	6.454	2705436	22428608	20.175	18.893
29)	L6 AR-1254-4	7.696	6.683	2031859	13735639	19.789	17.824
30)	L6 AR-1254-5	8.117	7.104	2422999	25620945	21.789	24.384
31)	L7 AR-1260-1	7.568	6.585	1091893	9821160	11.738	13.609
32)	L7 AR-1260-2	7.826	6.772	1175464	8017661	10.235	9.067
33)	L7 AR-1260-3	8.188	6.928	440155	8709088	4.900	10.578 #
34)	L7 AR-1260-4	8.432	0.000	993376	0	9.543	N.D. #
35)	L7 AR-1260-5	8.783	7.643	315311	1591578	1.463	0.860 #
36)	L8 AR-1262-1	8.188	7.104	440155	25620945	3.614	52.308 #
37)	L8 AR-1262-2	8.783	7.643	315311	1591578	1.393	0.819 #
38)	L8 AR-1262-3	9.120	0.000	65299	0	0.669	N.D. #
39)	L8 AR-1262-4	9.191f	7.993	131255	2403341	1.151	1.694 #
40)	L8 AR-1262-5	9.948	0.000	104778	0	1.280	N.D. #
41)	L9 AR-1268-1	9.120	0.000	65299	0	0.218	N.D. #
42)	L9 AR-1268-2	9.191f	7.993	131255	2403341	0.472	1.002 #
43)	L9 AR-1268-3	9.468	8.212	421016	3845597	1.834	1.915

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.948	0.000	104778	0	1.012	N.D. #
45) L9	AR-1268-5	10.398	8.835	565646	1740459	0.724	0.275 #

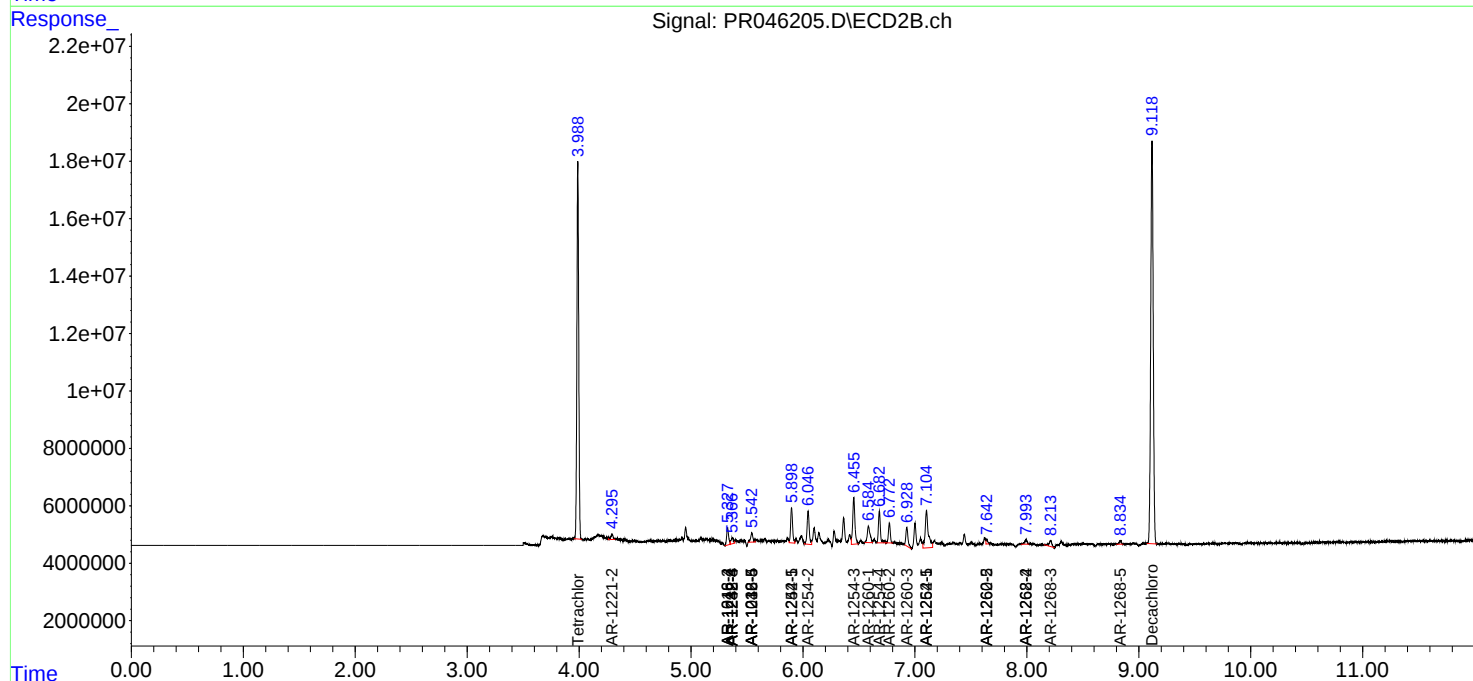
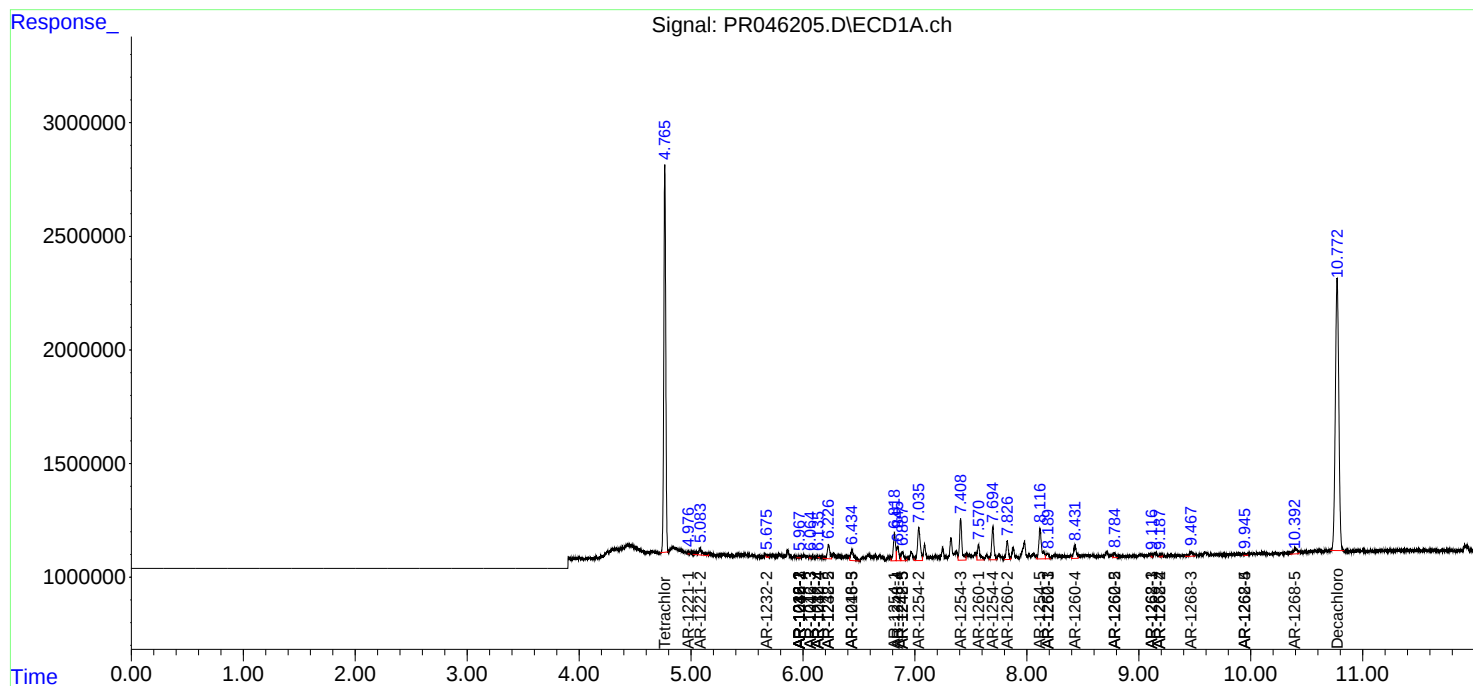
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

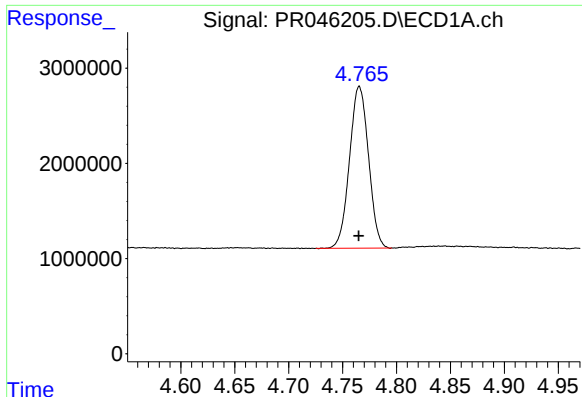
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
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Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

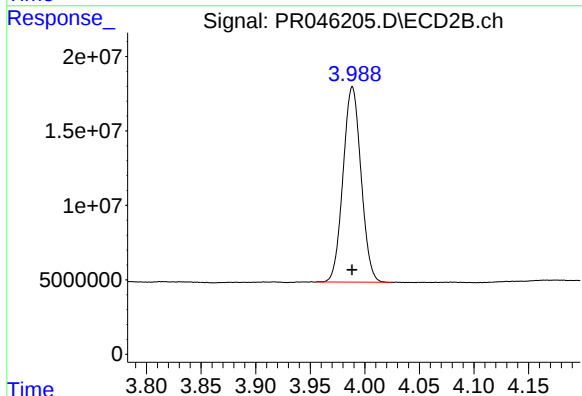




#1 Tetrachloro-m-xylene

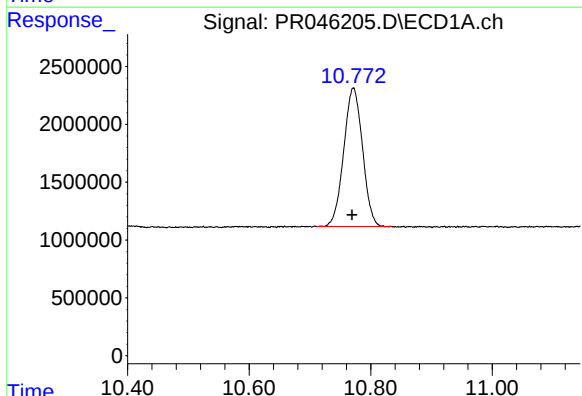
R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 20852046
Conc: 11.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



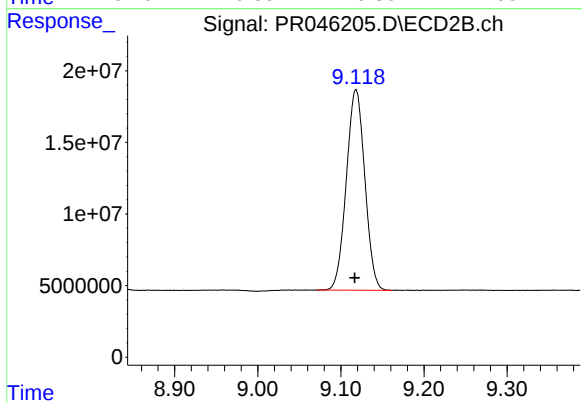
#1 Tetrachloro-m-xylene

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 150426907
Conc: 12.22 ng/ml



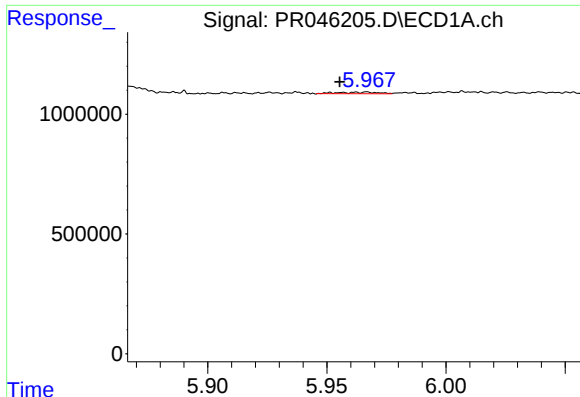
#2 Decachlorobiphenyl

R.T.: 10.771 min
Delta R.T.: 0.002 min
Response: 25659946
Conc: 12.98 ng/ml



#2 Decachlorobiphenyl

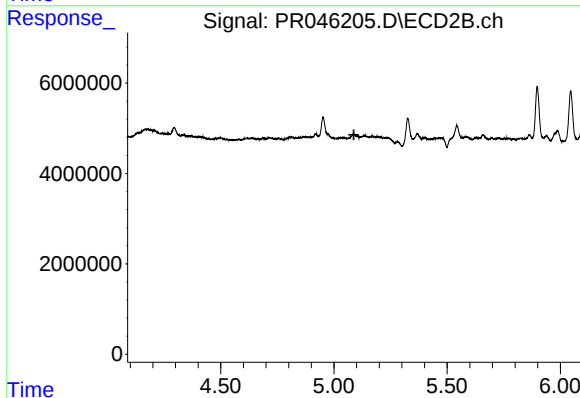
R.T.: 9.118 min
Delta R.T.: 0.002 min
Response: 216629329
Conc: 13.99 ng/ml



#3 AR-1016-1

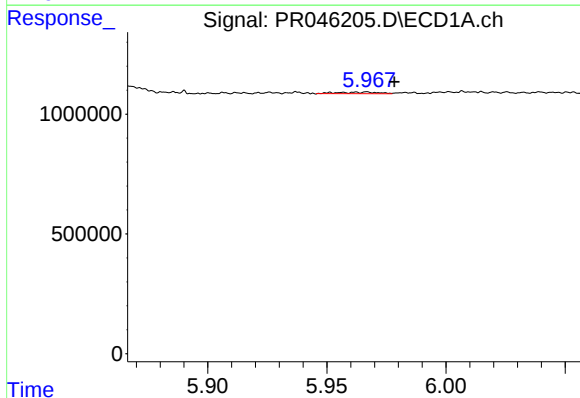
R.T.: 5.967 min
Delta R.T.: 0.011 min
Response: 79425
Conc: 1.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



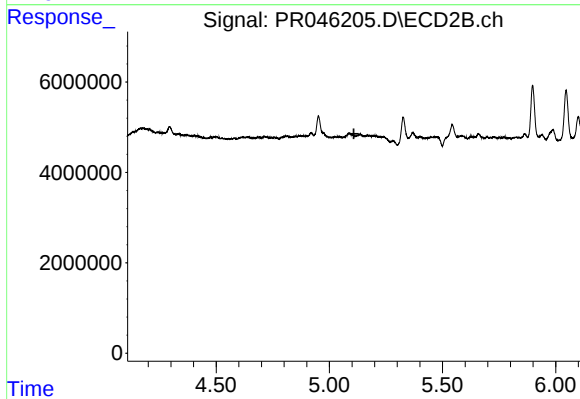
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.088 min
Response: 0
Conc: N.D.



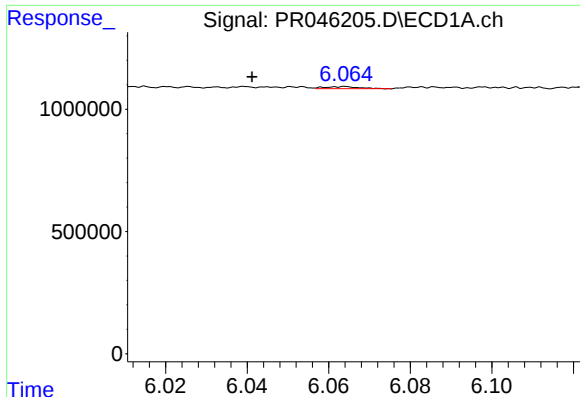
#4 AR-1016-2

R.T.: 5.967 min
Delta R.T.: -0.011 min
Response: 79425
Conc: 0.80 ng/ml



#4 AR-1016-2

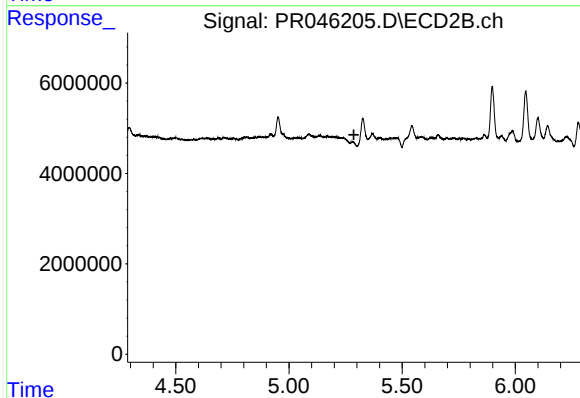
R.T.: 0.000 min
Exp R.T. : 5.109 min
Response: 0
Conc: N.D.



#5 AR-1016-3

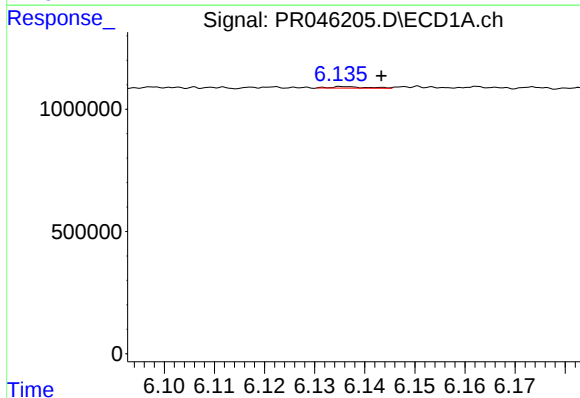
R.T.: 6.064 min
Delta R.T.: 0.022 min
Response: 48347
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



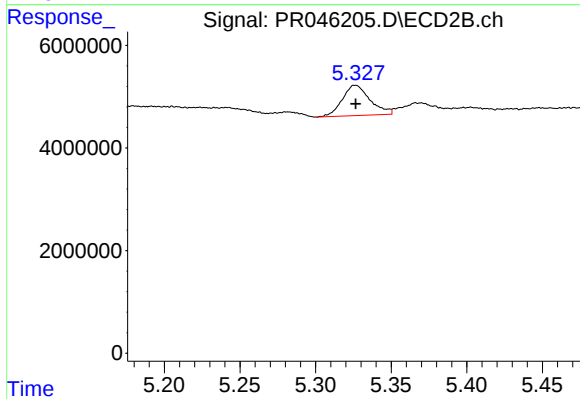
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



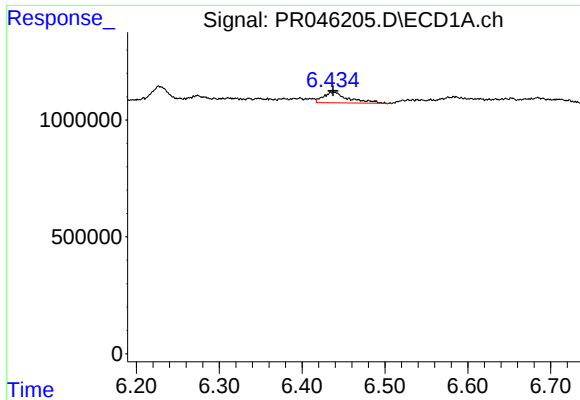
#6 AR-1016-4

R.T.: 6.136 min
Delta R.T.: -0.007 min
Response: 31977
Conc: 0.64 ng/ml



#6 AR-1016-4

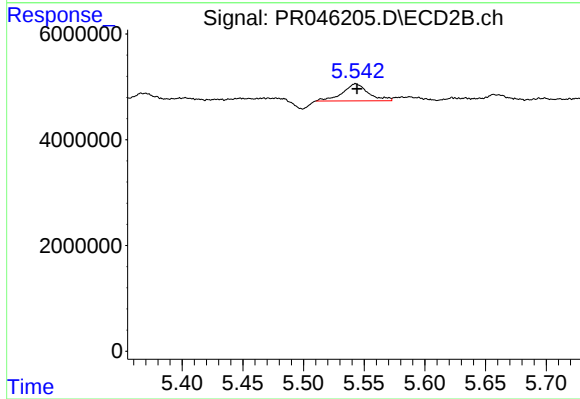
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 7546700
Conc: 28.07 ng/ml



#7 AR-1016-5

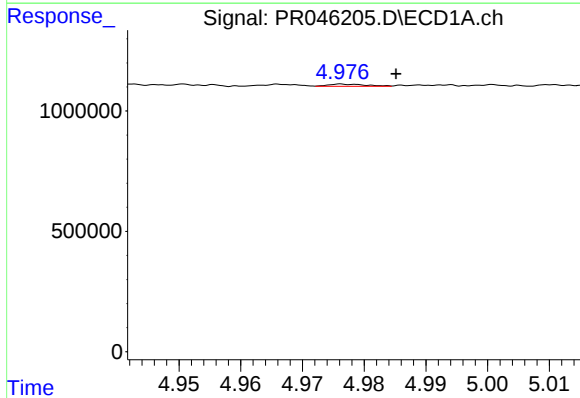
R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 963526
Conc: 19.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



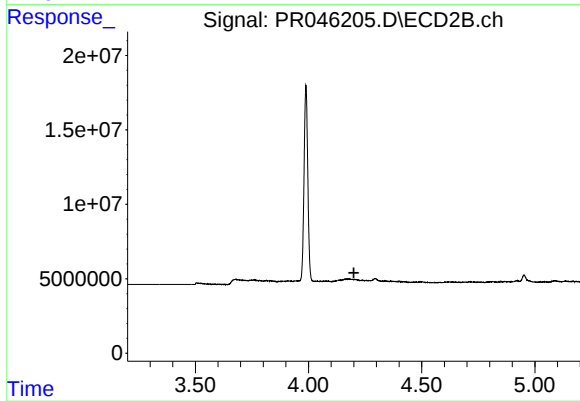
#7 AR-1016-5

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 4755935
Conc: 12.79 ng/ml



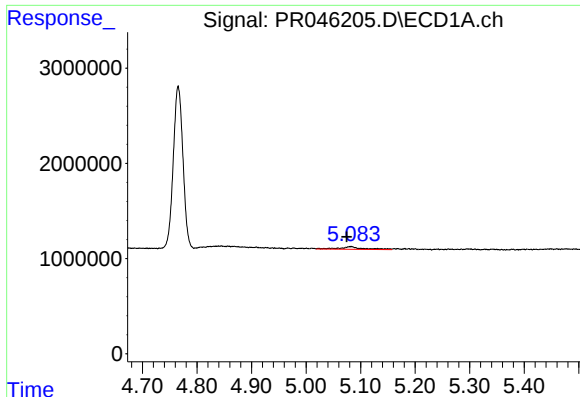
#8 AR-1221-1

R.T.: 4.977 min
Delta R.T.: -0.008 min
Response: 39073
Conc: 1.98 ng/ml



#8 AR-1221-1

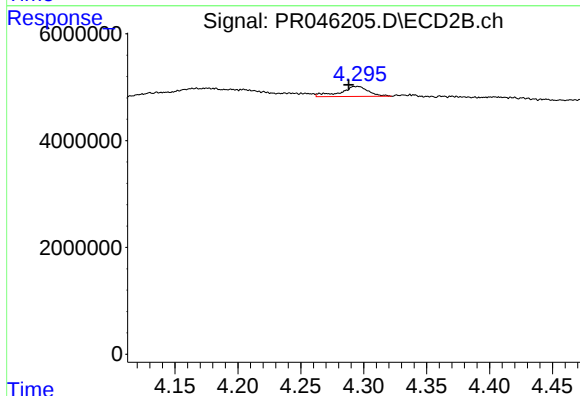
R.T.: 0.000 min
Exp R.T. : 4.201 min
Response: 0
Conc: N.D.



#9 AR-1221-2

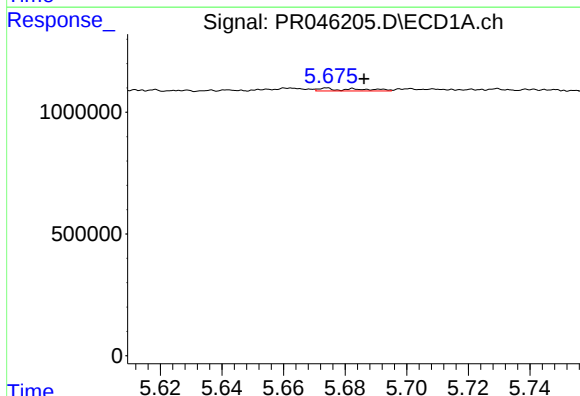
R.T.: 5.082 min
Delta R.T.: 0.007 min
Response: 824762
Conc: 56.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



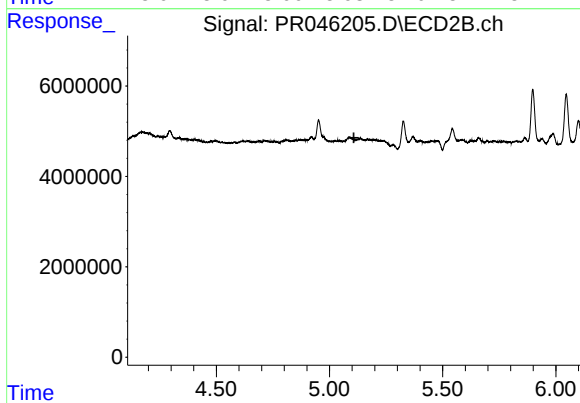
#9 AR-1221-2

R.T.: 4.295 min
Delta R.T.: 0.007 min
Response: 2930619
Conc: 30.79 ng/ml



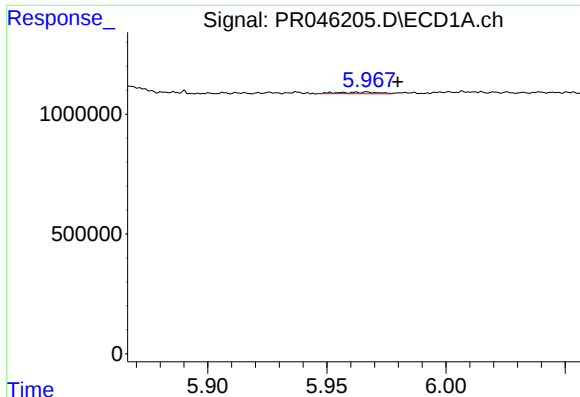
#12 AR-1232-2

R.T.: 5.674 min
Delta R.T.: -0.012 min
Response: 100221
Conc: 5.18 ng/ml



#12 AR-1232-2

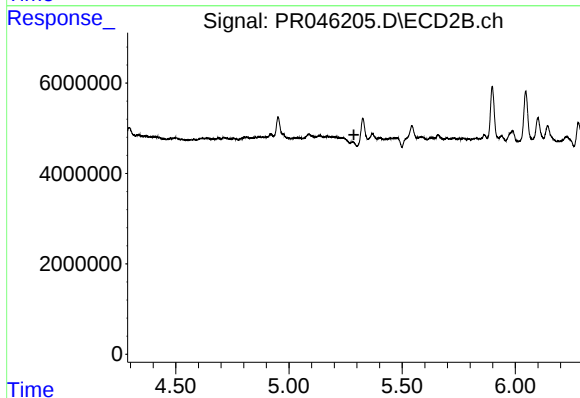
R.T.: 0.000 min
Exp R.T.: 5.108 min
Response: 0
Conc: N.D.



#13 AR-1232-3

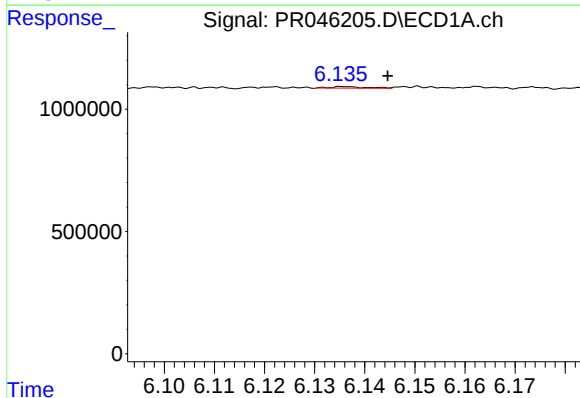
R.T.: 5.967 min
Delta R.T.: -0.013 min
Response: 79425
Conc: 1.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



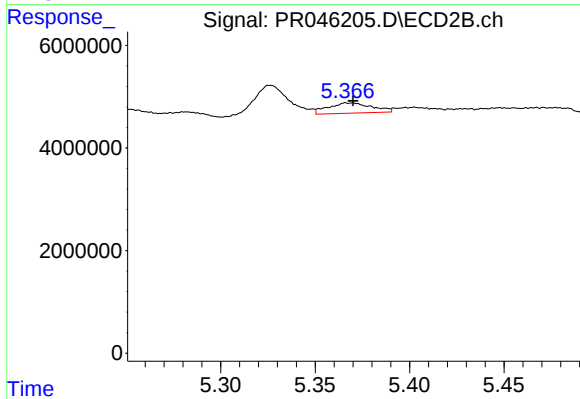
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



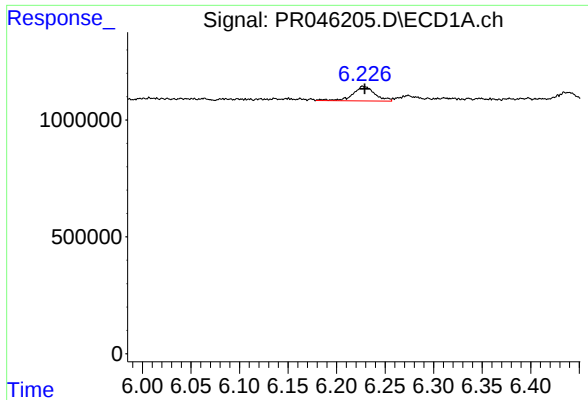
#14 AR-1232-4

R.T.: 6.136 min
Delta R.T.: -0.008 min
Response: 31977
Conc: 1.60 ng/ml



#14 AR-1232-4

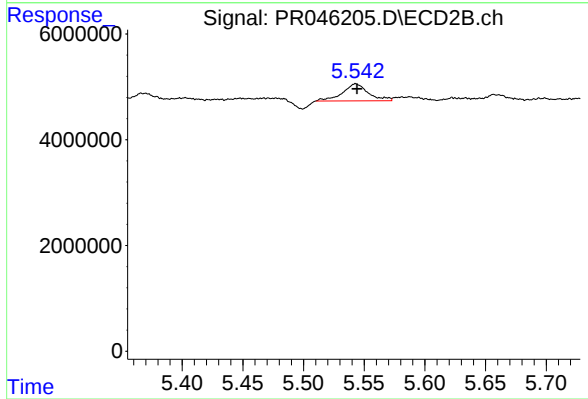
R.T.: 5.368 min
Delta R.T.: -0.002 min
Response: 3249371
Conc: 26.28 ng/ml



#15 AR-1232-5

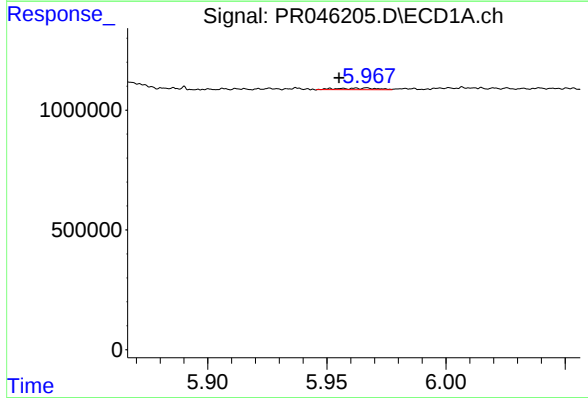
R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 985283
Conc: 65.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



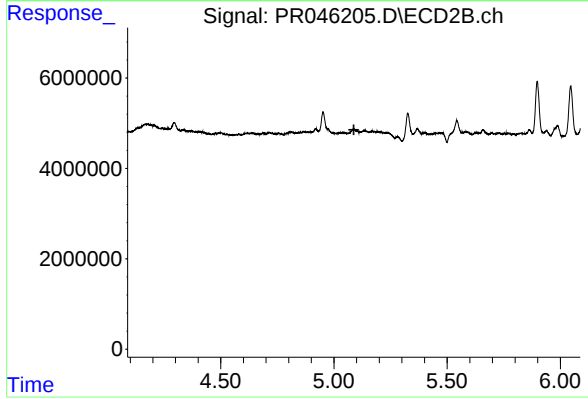
#15 AR-1232-5

R.T.: 5.543 min
Delta R.T.: -0.001 min
Response: 4755935
Conc: 34.64 ng/ml



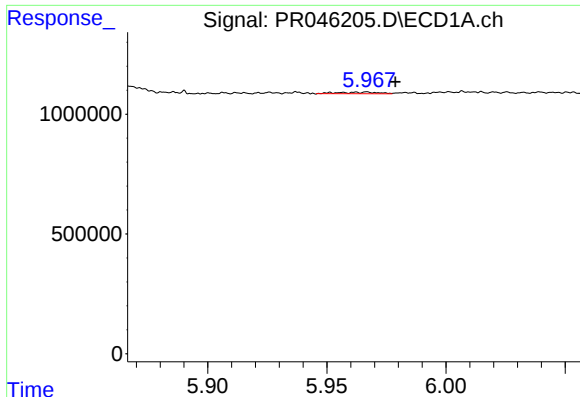
#16 AR-1242-1

R.T.: 5.967 min
Delta R.T.: 0.012 min
Response: 79425
Conc: 1.47 ng/ml



#16 AR-1242-1

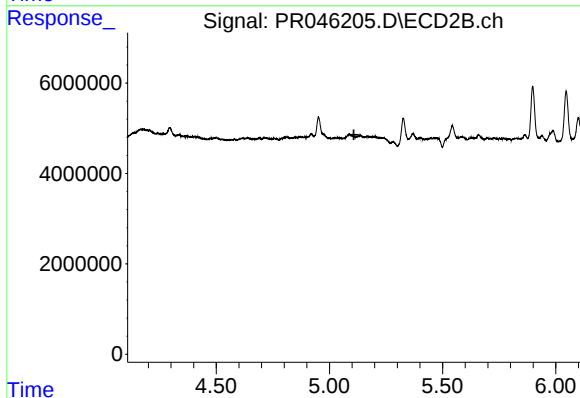
R.T.: 0.000 min
Exp R.T.: 5.088 min
Response: 0
Conc: N.D.



#17 AR-1242-2

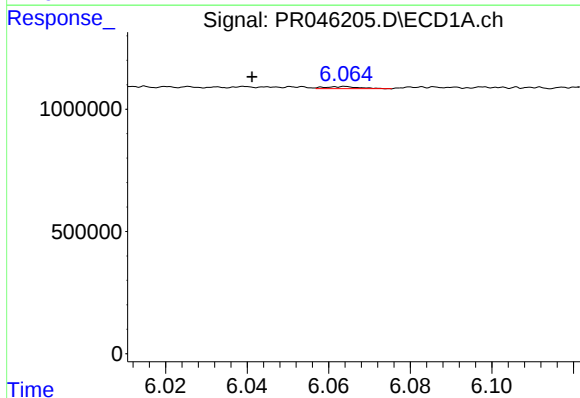
R.T.: 5.967 min
Delta R.T.: -0.012 min
Response: 79425
Conc: 1.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



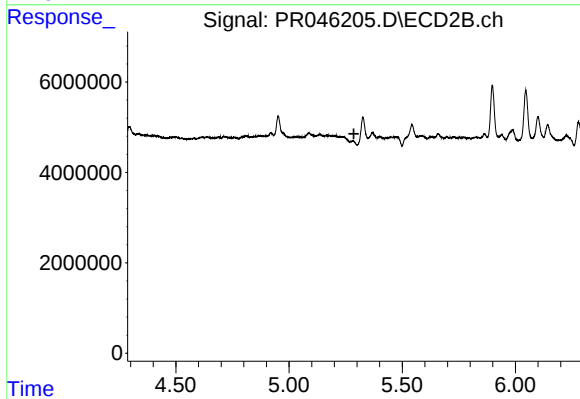
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.108 min
Response: 0
Conc: N.D.



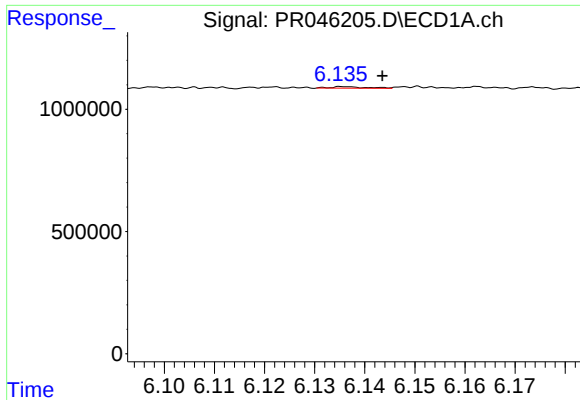
#18 AR-1242-3

R.T.: 6.064 min
Delta R.T.: 0.022 min
Response: 48347
Conc: 1.06 ng/ml



#18 AR-1242-3

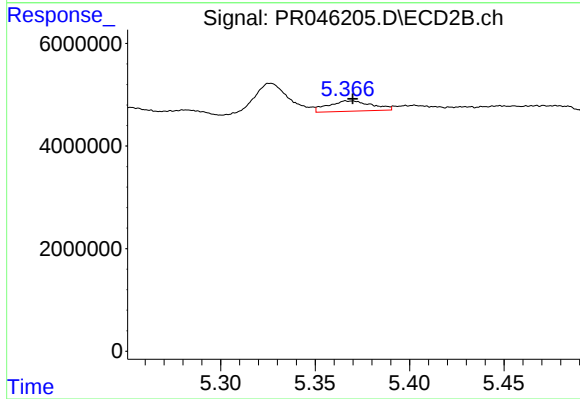
R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



#19 AR-1242-4

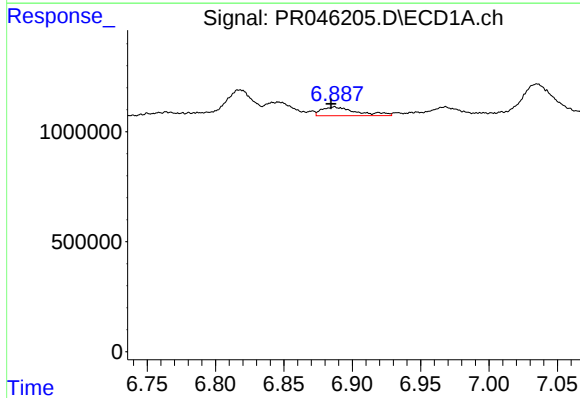
R.T.: 6.136 min
Delta R.T.: -0.007 min
Response: 31977
Conc: 0.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



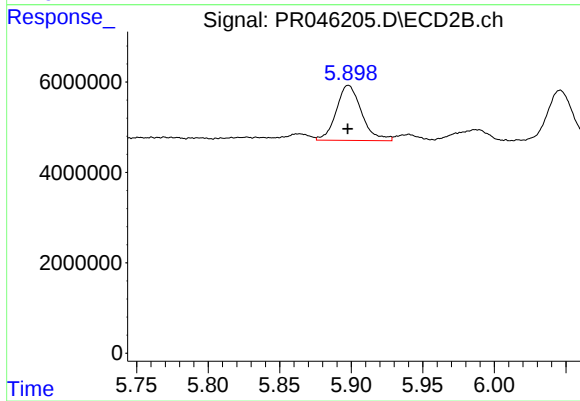
#19 AR-1242-4

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 3249371
Conc: 12.49 ng/ml



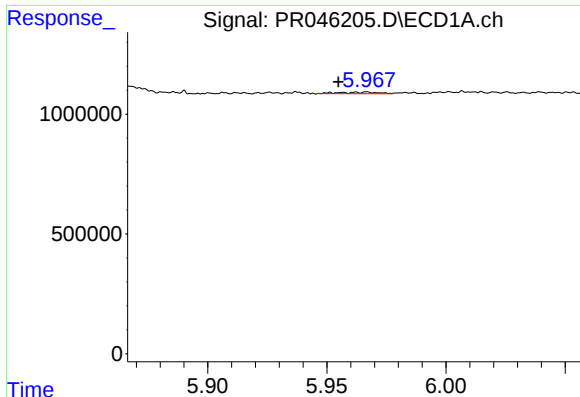
#20 AR-1242-5

R.T.: 6.887 min
Delta R.T.: 0.003 min
Response: 706872
Conc: 15.98 ng/ml



#20 AR-1242-5

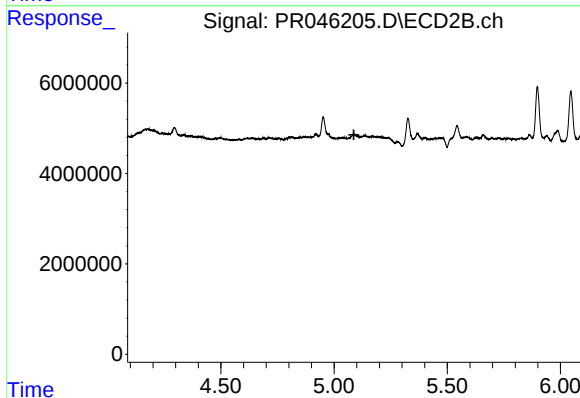
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 14997943
Conc: 40.63 ng/ml



#21 AR-1248-1

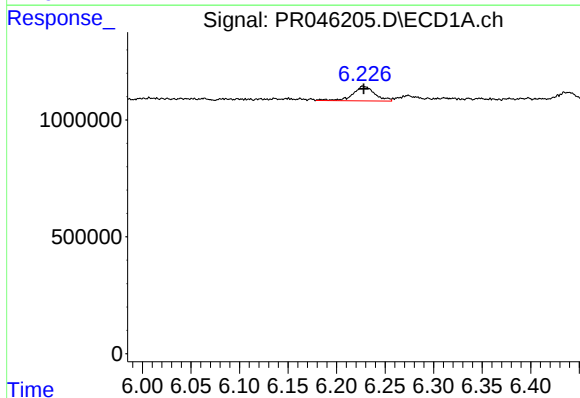
R.T.: 5.967 min
Delta R.T.: 0.012 min
Response: 79425
Conc: 1.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



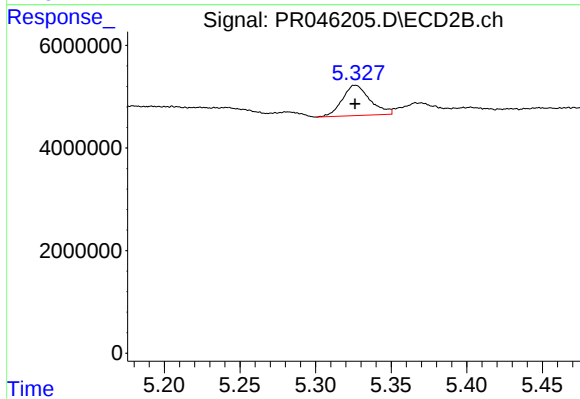
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.087 min
Response: 0
Conc: N.D.



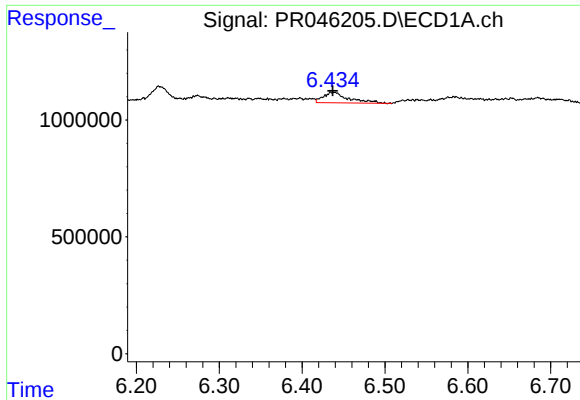
#22 AR-1248-2

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 985283
Conc: 18.06 ng/ml



#22 AR-1248-2

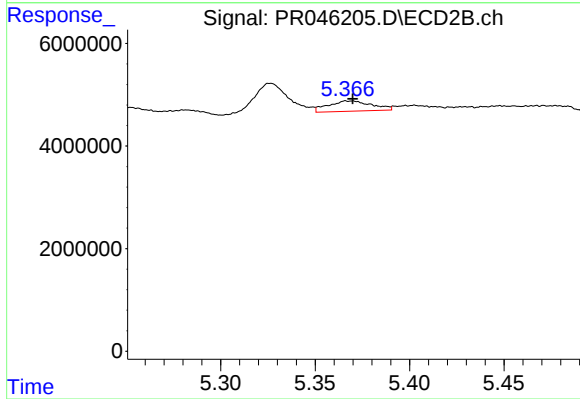
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 7546700
Conc: 21.39 ng/ml



#23 AR-1248-3

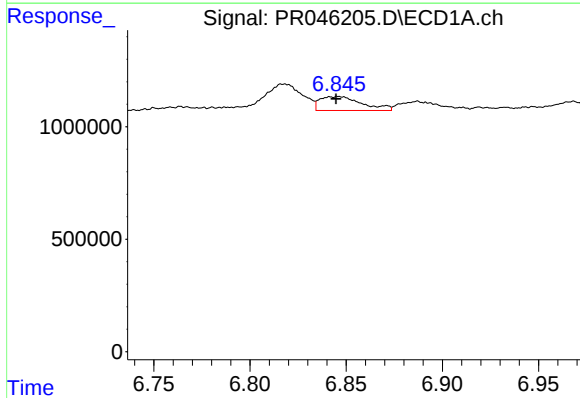
R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 963526
Conc: 15.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



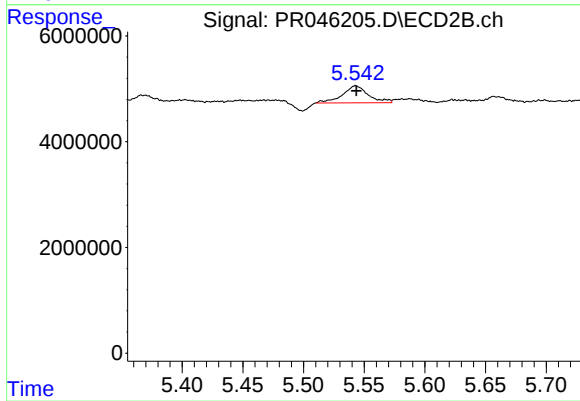
#23 AR-1248-3

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 3249371
Conc: 8.68 ng/ml



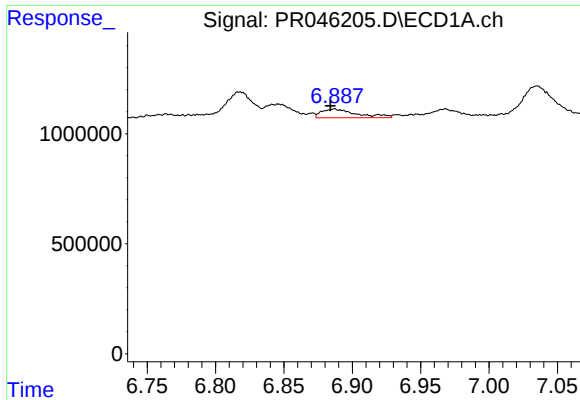
#24 AR-1248-4

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 942630
Conc: 12.79 ng/ml



#24 AR-1248-4

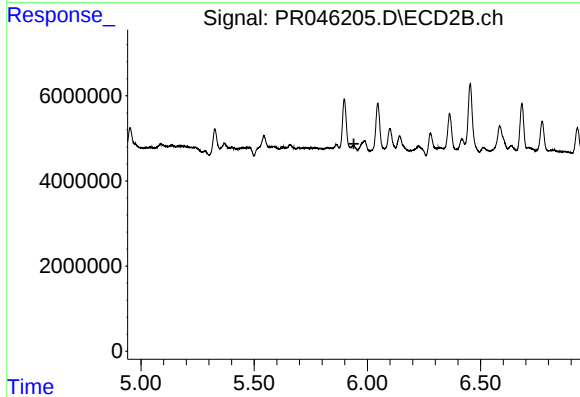
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 4755935
Conc: 10.13 ng/ml



#25 AR-1248-5

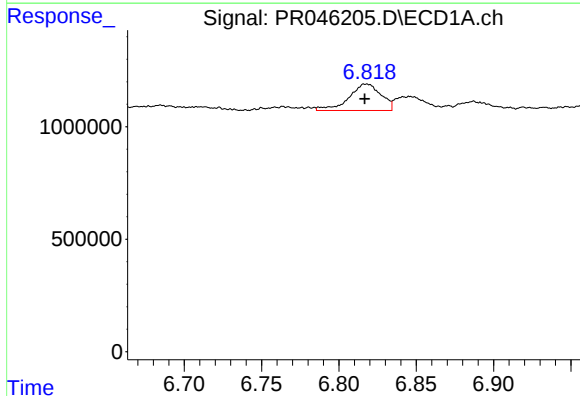
R.T.: 6.887 min
Delta R.T.: 0.003 min
Response: 706872
Conc: 10.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



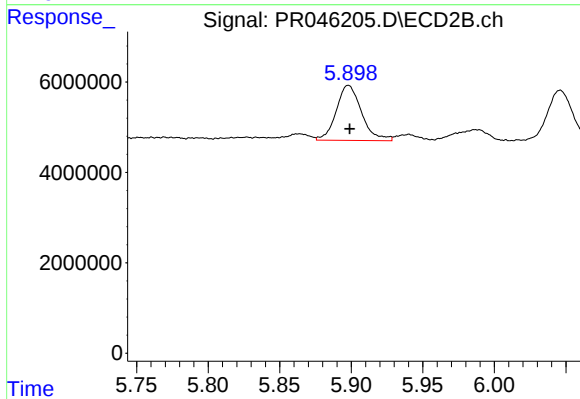
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



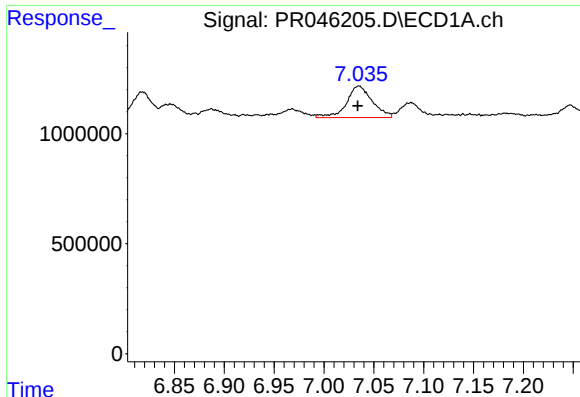
#26 AR-1254-1

R.T.: 6.818 min
Delta R.T.: 0.001 min
Response: 1699977
Conc: 22.02 ng/ml



#26 AR-1254-1

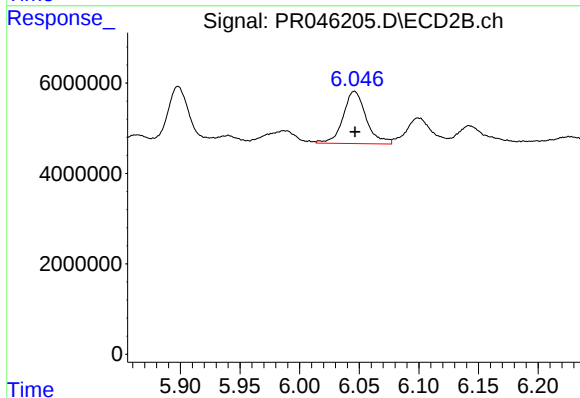
R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 14997943
Conc: 19.04 ng/ml



#27 AR-1254-2

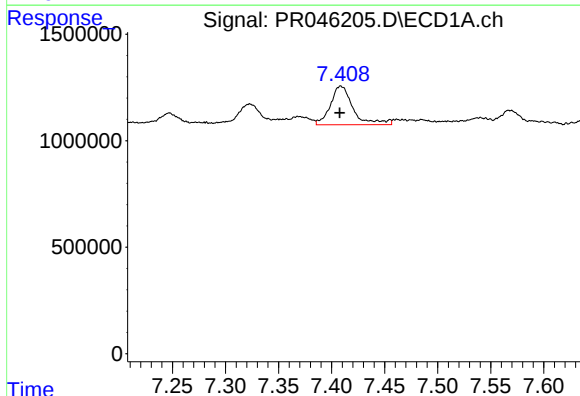
R.T.: 7.035 min
Delta R.T.: 0.001 min
Response: 2583247
Conc: 21.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



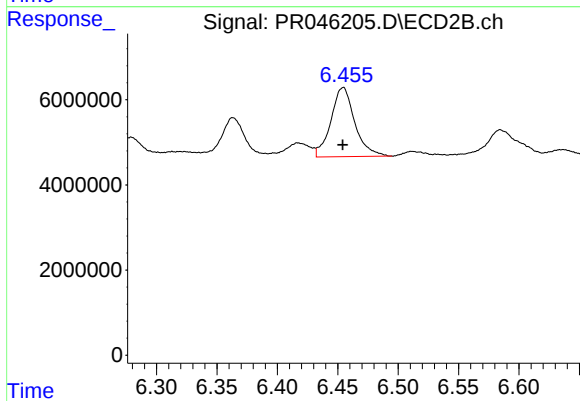
#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 15601249
Conc: 22.69 ng/ml



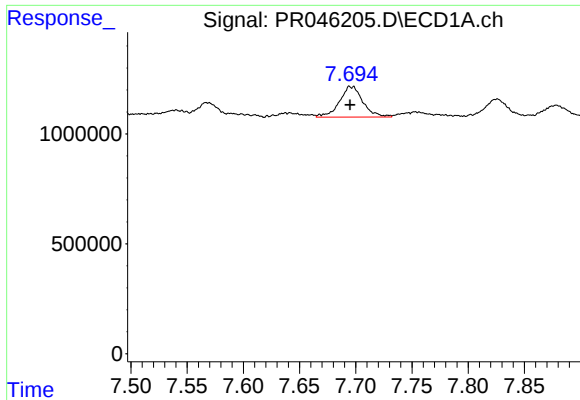
#28 AR-1254-3

R.T.: 7.409 min
Delta R.T.: 0.001 min
Response: 2705436
Conc: 20.17 ng/ml



#28 AR-1254-3

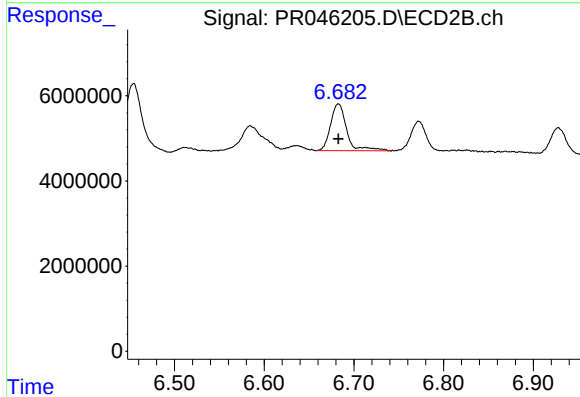
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 22428608
Conc: 18.89 ng/ml



#29 AR-1254-4

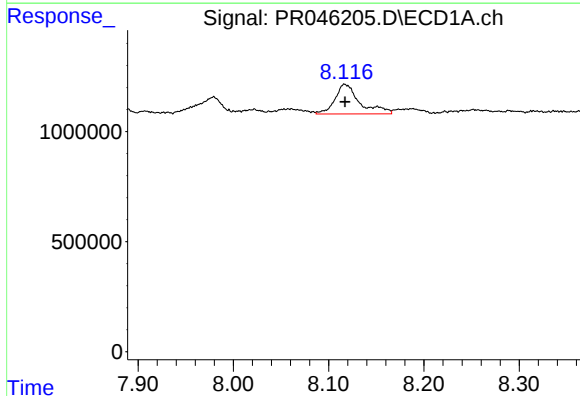
R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 2031859
Conc: 19.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



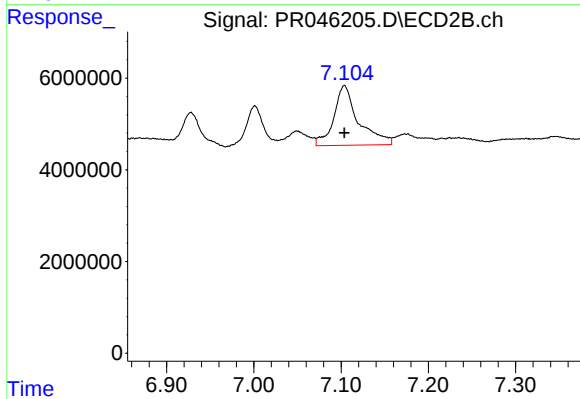
#29 AR-1254-4

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 13735639
Conc: 17.82 ng/ml



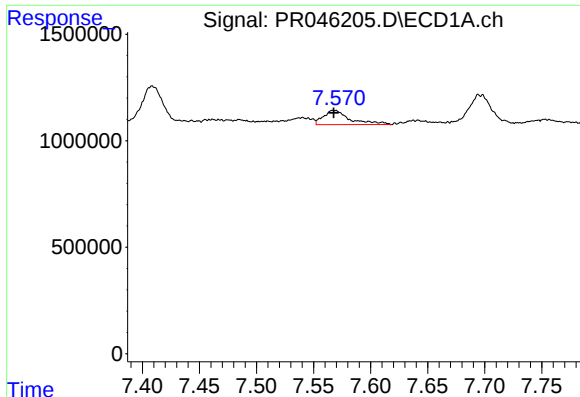
#30 AR-1254-5

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 2422999
Conc: 21.79 ng/ml



#30 AR-1254-5

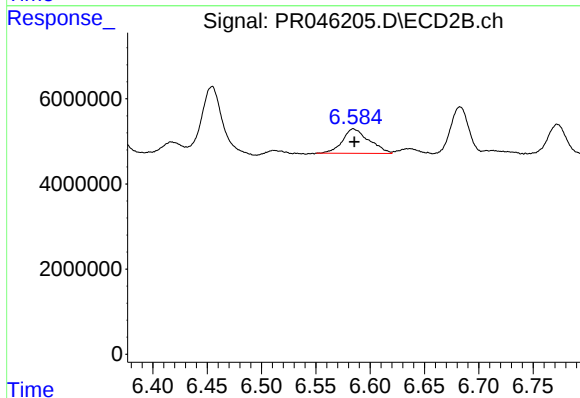
R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 25620945
Conc: 24.38 ng/ml



#31 AR-1260-1

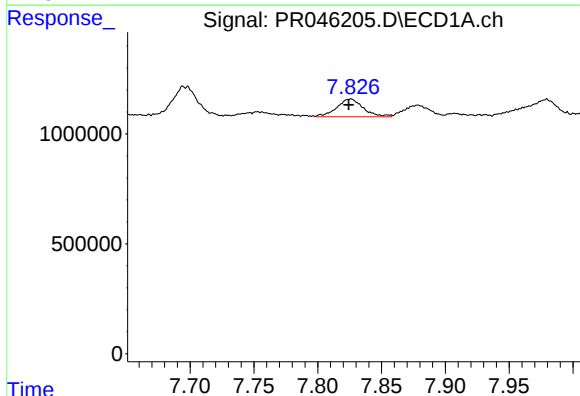
R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 1091893
Conc: 11.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



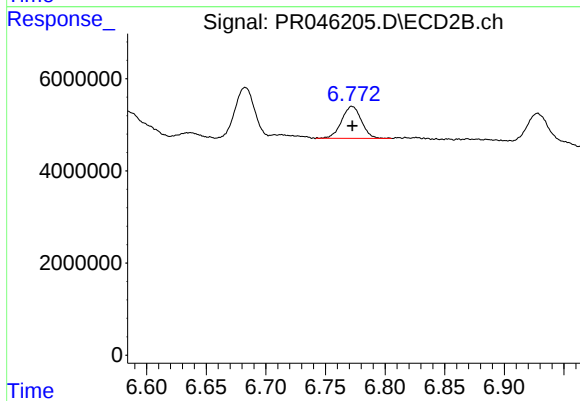
#31 AR-1260-1

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 9821160
Conc: 13.61 ng/ml



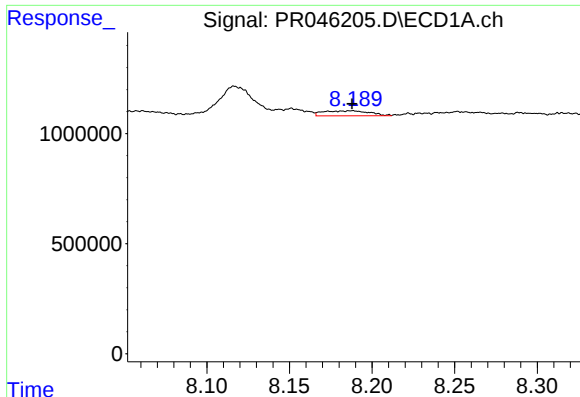
#32 AR-1260-2

R.T.: 7.826 min
Delta R.T.: 0.001 min
Response: 1175464
Conc: 10.23 ng/ml



#32 AR-1260-2

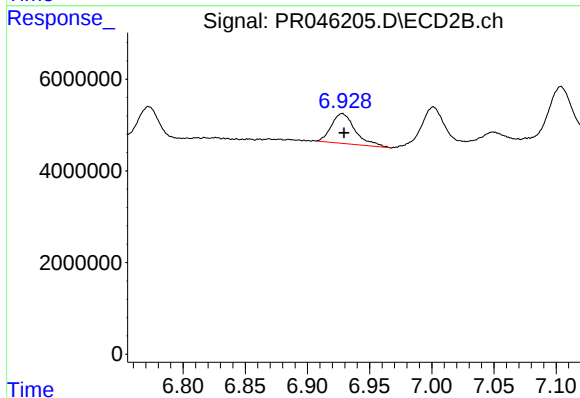
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 8017661
Conc: 9.07 ng/ml



#33 AR-1260-3

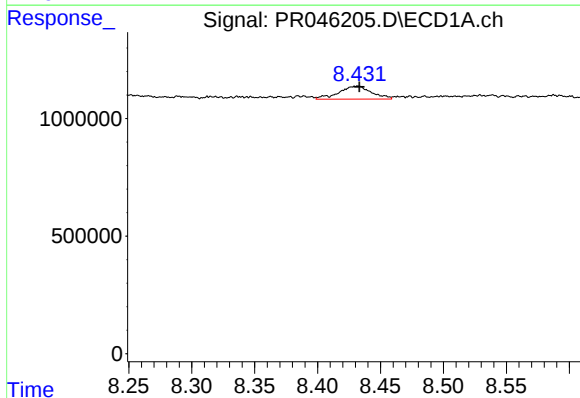
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 440155
Conc: 4.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



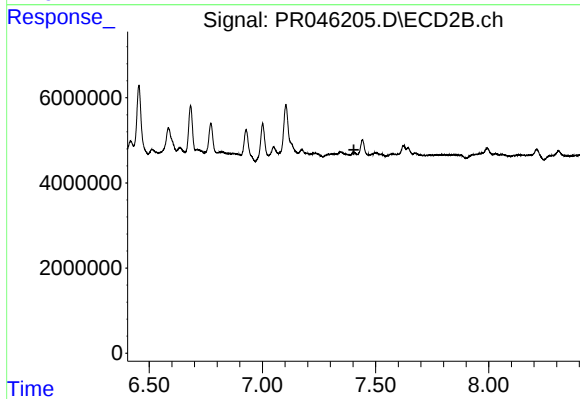
#33 AR-1260-3

R.T.: 6.928 min
Delta R.T.: -0.001 min
Response: 8709088
Conc: 10.58 ng/ml



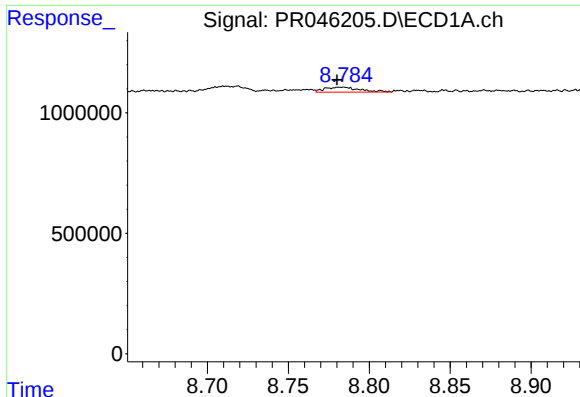
#34 AR-1260-4

R.T.: 8.432 min
Delta R.T.: -0.001 min
Response: 993376
Conc: 9.54 ng/ml



#34 AR-1260-4

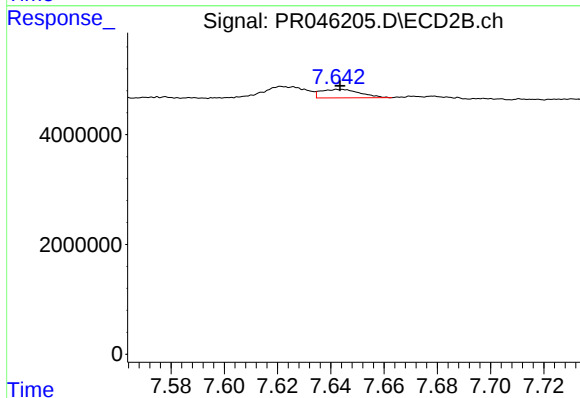
R.T.: 0.000 min
Exp R.T.: 7.404 min
Response: 0
Conc: N.D.



#35 AR-1260-5

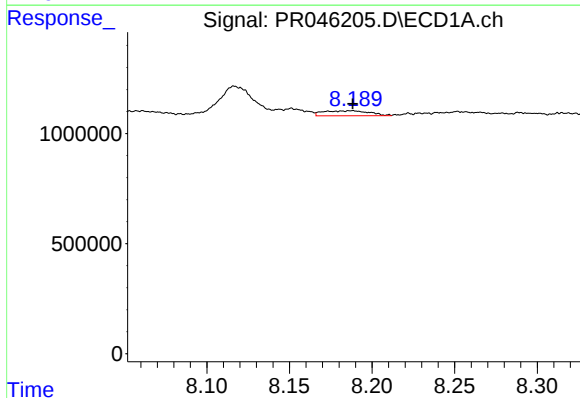
R.T.: 8.783 min
Delta R.T.: 0.003 min
Response: 315311
Conc: 1.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



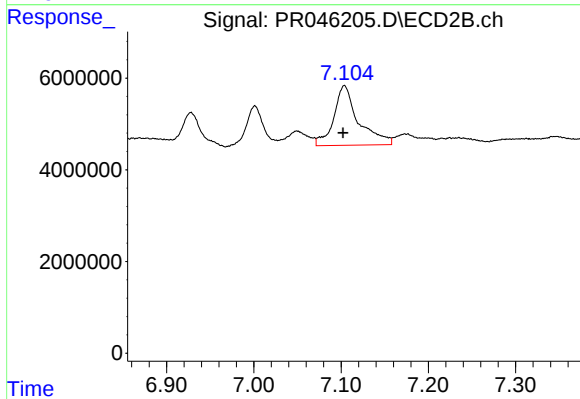
#35 AR-1260-5

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 1591578
Conc: 0.86 ng/ml



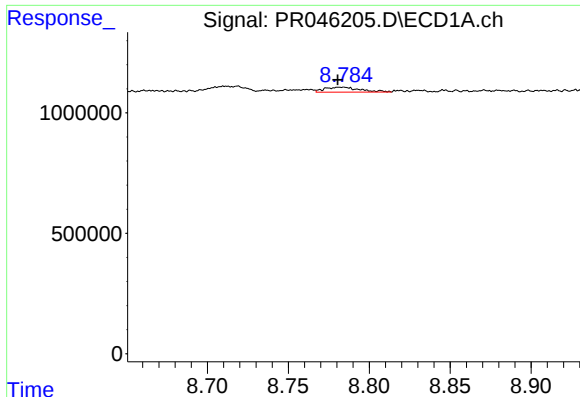
#36 AR-1262-1

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 440155
Conc: 3.61 ng/ml



#36 AR-1262-1

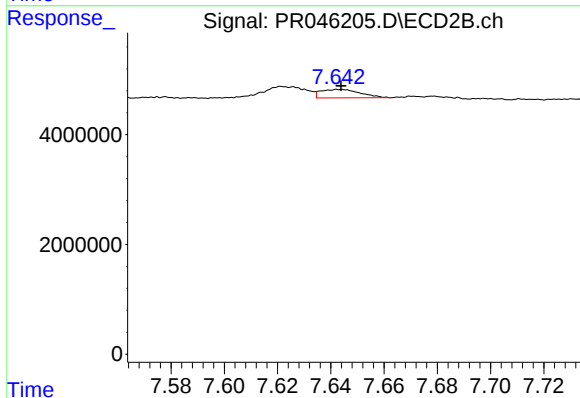
R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 25620945
Conc: 52.31 ng/ml



#37 AR-1262-2

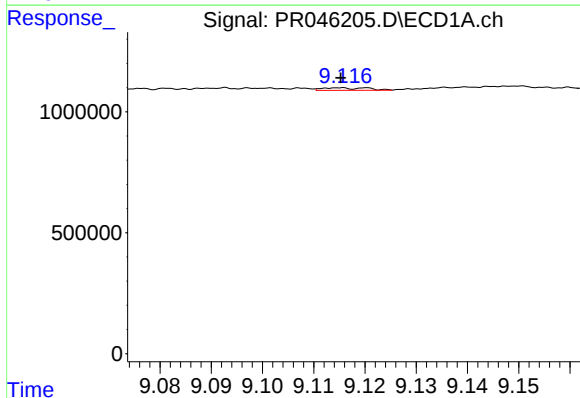
R.T.: 8.783 min
Delta R.T.: 0.002 min
Response: 315311
Conc: 1.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



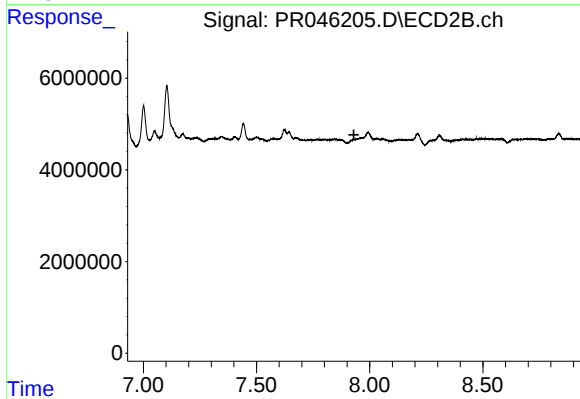
#37 AR-1262-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 1591578
Conc: 0.82 ng/ml



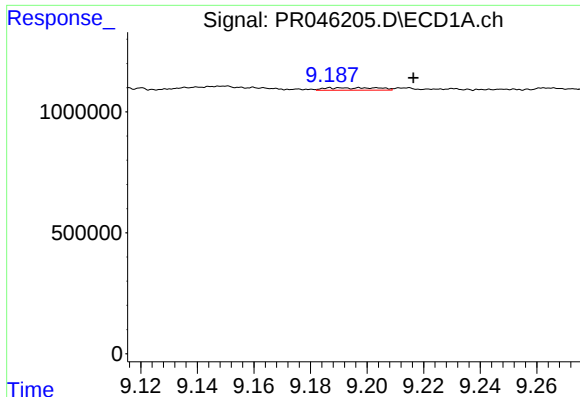
#38 AR-1262-3

R.T.: 9.120 min
Delta R.T.: 0.005 min
Response: 65299
Conc: 0.67 ng/ml



#38 AR-1262-3

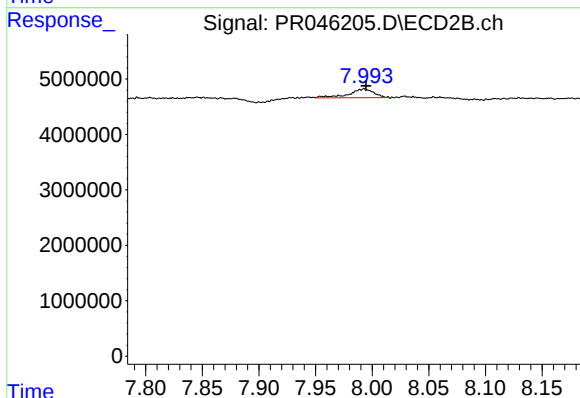
R.T.: 0.000 min
Exp R.T.: 7.930 min
Response: 0
Conc: N.D.



#39 AR-1262-4

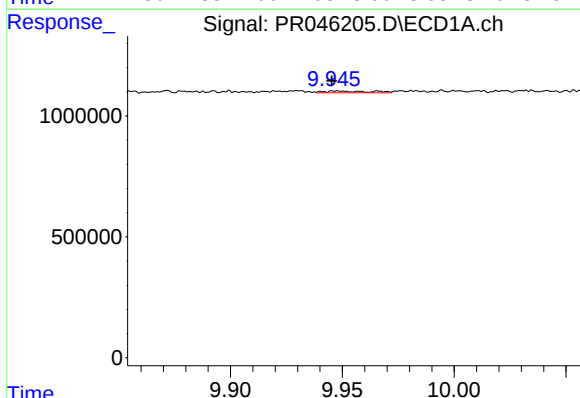
R.T.: 9.191 min
Delta R.T.: -0.025 min
Response: 131255
Conc: 1.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



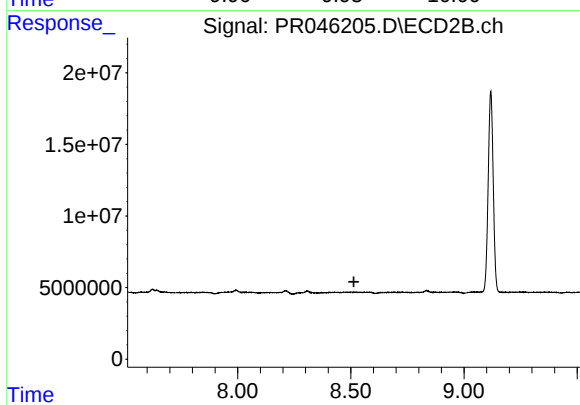
#39 AR-1262-4

R.T.: 7.993 min
Delta R.T.: -0.002 min
Response: 2403341
Conc: 1.69 ng/ml



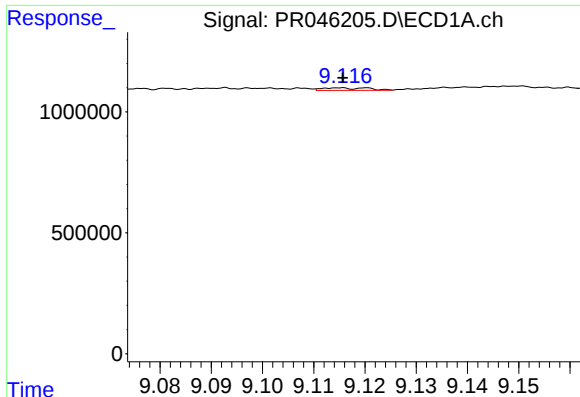
#40 AR-1262-5

R.T.: 9.948 min
Delta R.T.: 0.003 min
Response: 104778
Conc: 1.28 ng/ml



#40 AR-1262-5

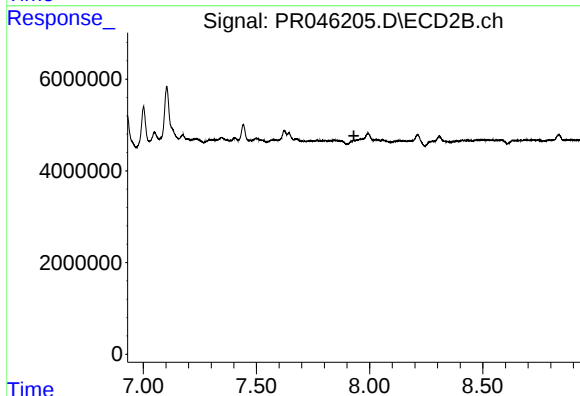
R.T.: 0.000 min
Exp R.T.: 8.514 min
Response: 0
Conc: N.D.



#41 AR-1268-1

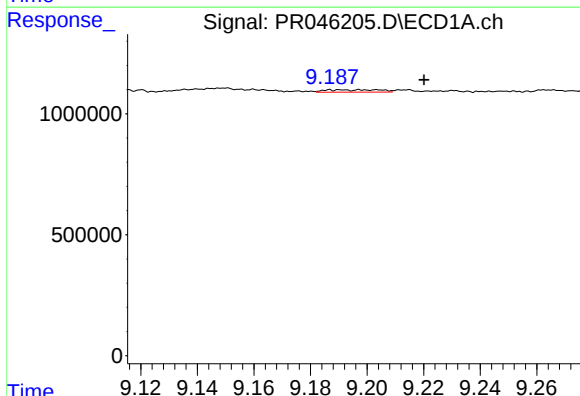
R.T.: 9.120 min
Delta R.T.: 0.004 min
Response: 65299
Conc: 0.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



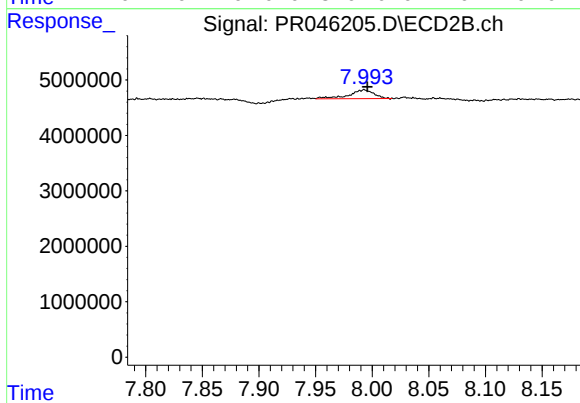
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.931 min
Response: 0
Conc: N.D.



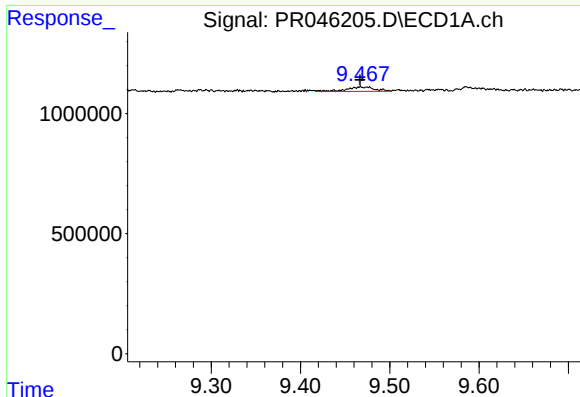
#42 AR-1268-2

R.T.: 9.191 min
Delta R.T.: -0.029 min
Response: 131255
Conc: 0.47 ng/ml



#42 AR-1268-2

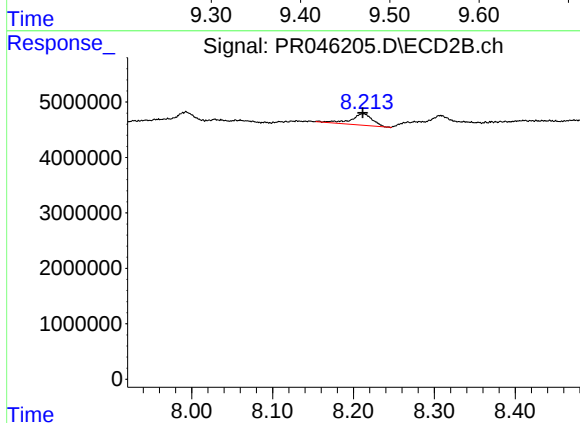
R.T.: 7.993 min
Delta R.T.: -0.003 min
Response: 2403341
Conc: 1.00 ng/ml



#43 AR-1268-3

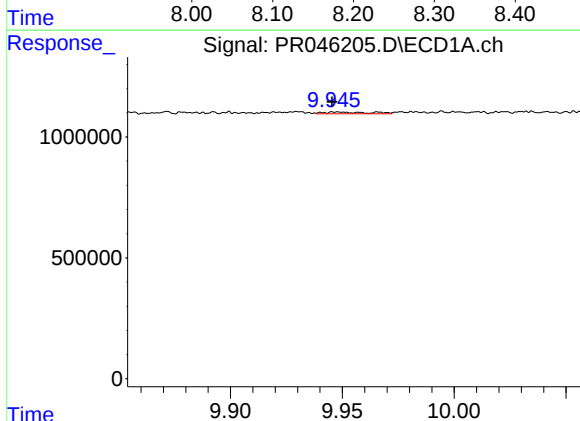
R.T.: 9.468 min
Delta R.T.: 0.000 min
Response: 421016
Conc: 1.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



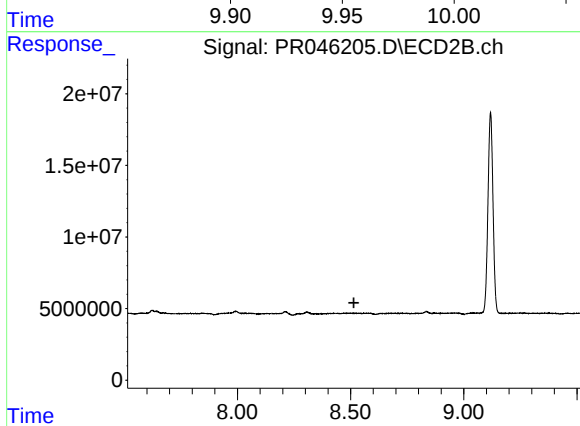
#43 AR-1268-3

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 3845597
Conc: 1.92 ng/ml



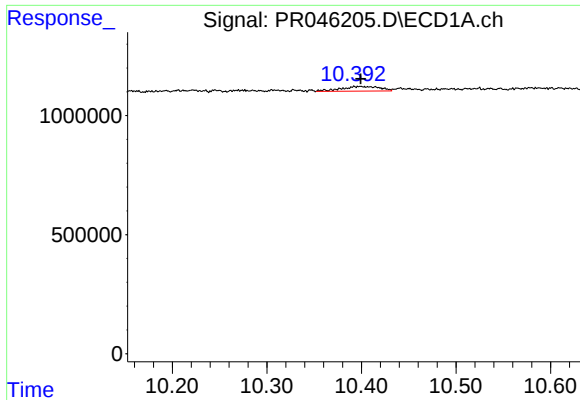
#44 AR-1268-4

R.T.: 9.948 min
Delta R.T.: 0.003 min
Response: 104778
Conc: 1.01 ng/ml



#44 AR-1268-4

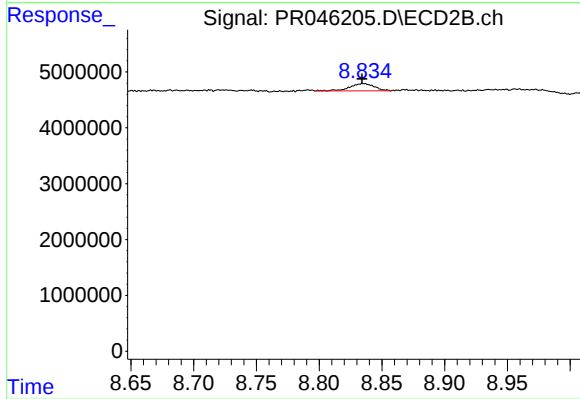
R.T.: 0.000 min
Exp R.T.: 8.514 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.398 min
Delta R.T.: -0.001 min
Response: 565646
Conc: 0.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.835 min
Delta R.T.: 0.001 min
Response: 1740459
Conc: 0.27 ng/ml