

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072120\
 Data File : PR046349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2020 13:14
 Operator : AJ\MA
 Sample : L3216-09
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 15:50:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 20 12:51:25 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...	4.765	3.990	30236961	213.0E6	16.438	17.312
2)	SA Decachlor...	10.771	9.119	38345892	329.8E6	19.399	21.300
Target Compounds							
3)	L1 AR-1016-1	5.956	5.089	993977	8090063	14.181	16.322
4)	L1 AR-1016-2	5.979	5.109	1064424	7801464	10.768	11.354
5)	L1 AR-1016-3	6.041	5.289	590009	4513356	9.921	14.079 #
6)	L1 AR-1016-4	6.142	5.327	669370	10309755	13.425	38.353 #
7)	L1 AR-1016-5	6.438	5.545	2061581	20898842	41.919	56.205 #
8)	L2 AR-1221-1	4.974	0.000	91067	0	4.606	N.D. #
9)	L2 AR-1221-2	5.081	4.295	668160	3627936	45.514	38.113
10)	L2 AR-1221-3	5.151	0.000	178448	0	3.803	N.D. #
11)	L3 AR-1232-1	5.151	0.000	178448	0	4.663	N.D. #
12)	L3 AR-1232-2	5.685	5.109	491771	7801464	25.418	27.830
13)	L3 AR-1232-3	5.979	5.289	1064424	4513356	26.696	34.751 #
14)	L3 AR-1232-4	6.142	5.371	669370	9830141	33.594	79.505 #
15)	L3 AR-1232-5	6.228	5.545	1612622	20898842	106.935	152.196 #
16)	L4 AR-1242-1	5.956	5.089	993977	8090063	18.387	21.269
17)	L4 AR-1242-2	5.979	5.109	1064424	7801464	14.046	14.896
18)	L4 AR-1242-3	6.041	5.289	590009	4513356	12.899	17.686 #
19)	L4 AR-1242-4	6.142	5.371	669370	9830141	17.515	37.791 #
20)	L4 AR-1242-5	6.885	5.899	2591294	27431837	58.564	74.310 #
21)	L5 AR-1248-1	5.956	5.089	993977	8090063	24.672	28.054
22)	L5 AR-1248-2	6.228	5.327	1612622	10309755	29.561	29.217
23)	L5 AR-1248-3	6.438	5.371	2061581	9830141	33.216	26.267
24)	L5 AR-1248-4	6.845	5.545	2354980	20898842	31.966	44.518 #
25)	L5 AR-1248-5	6.885	5.941	2591294	25199982	36.896	52.053 #
26)	L6 AR-1254-1	6.818	5.899	2445926	27431837	31.679	34.830
27)	L6 AR-1254-2	7.045	6.048	3098795	20489403	25.345	29.800
28)	L6 AR-1254-3	7.409	6.456	3088761	15520009	23.033	13.073 #
29)	L6 AR-1254-4	7.696	6.685	997414	11463673	9.714	14.876 #
30)	L6 AR-1254-5	8.117	0.000	215434	0	1.937	N.D. #
31)	L7 AR-1260-1	0.000	6.604f	0	6535461	N.D.	9.056 #
32)	L7 AR-1260-2	7.824	6.774	299100	1861025	2.604	2.105
34)	L7 AR-1260-4	8.436	0.000	269413	0	2.588	N.D. #
35)	L7 AR-1260-5	8.781	0.000	500169	0	2.320	N.D. #
37)	L8 AR-1262-2	8.781	0.000	500169	0	2.209	N.D. #
38)	L8 AR-1262-3	9.123	0.000	226287	0	2.317	N.D. #
39)	L8 AR-1262-4	9.229	7.969f	167476	10806891	1.469	7.619 #
41)	L9 AR-1268-1	9.123	0.000	226287	0	0.788	N.D. #
42)	L9 AR-1268-2	9.229	7.969f	167476	10806891	0.635	4.800 #
43)	L9 AR-1268-3	9.467	8.214	593531	2175032	2.712	1.153 #
45)	L9 AR-1268-5	10.396	8.837	512688	2863691	0.721	0.516 #

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 15:50:17 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 20 12:51:25 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

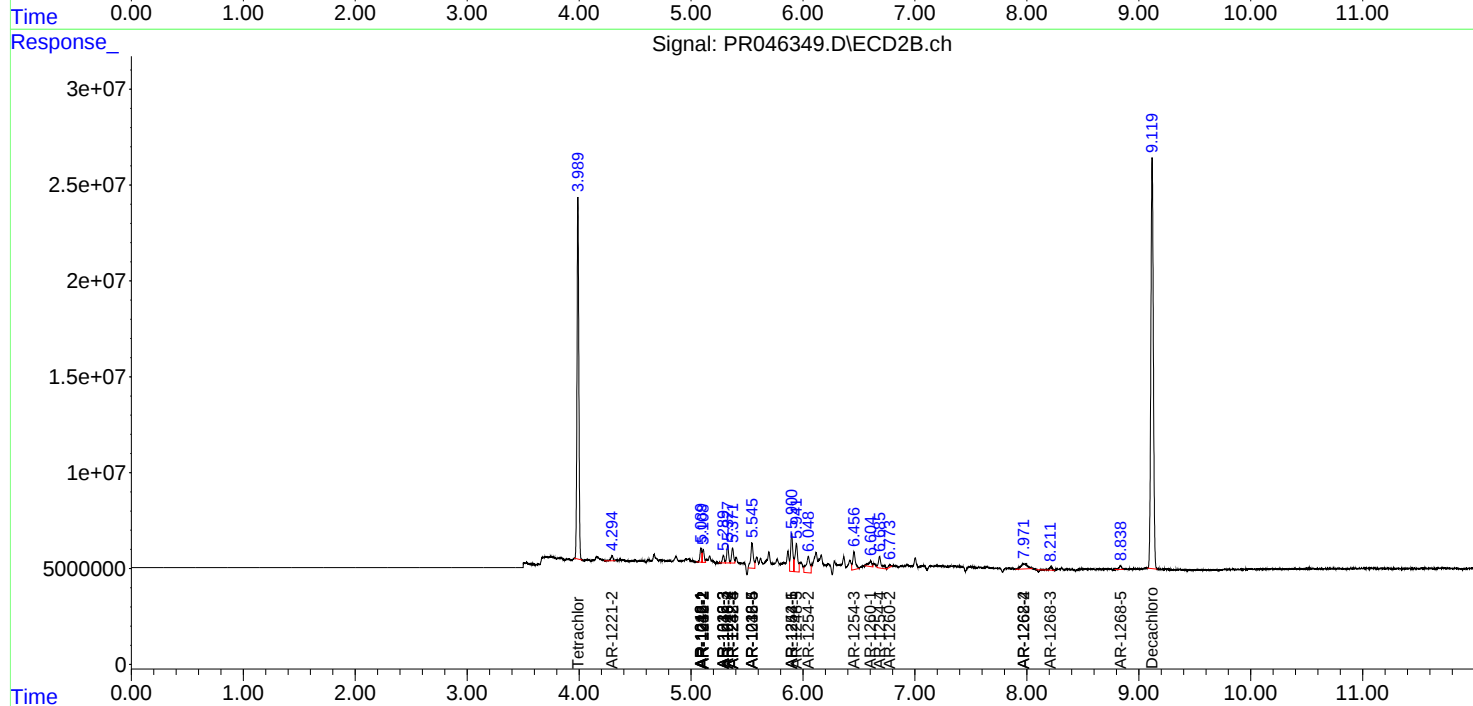
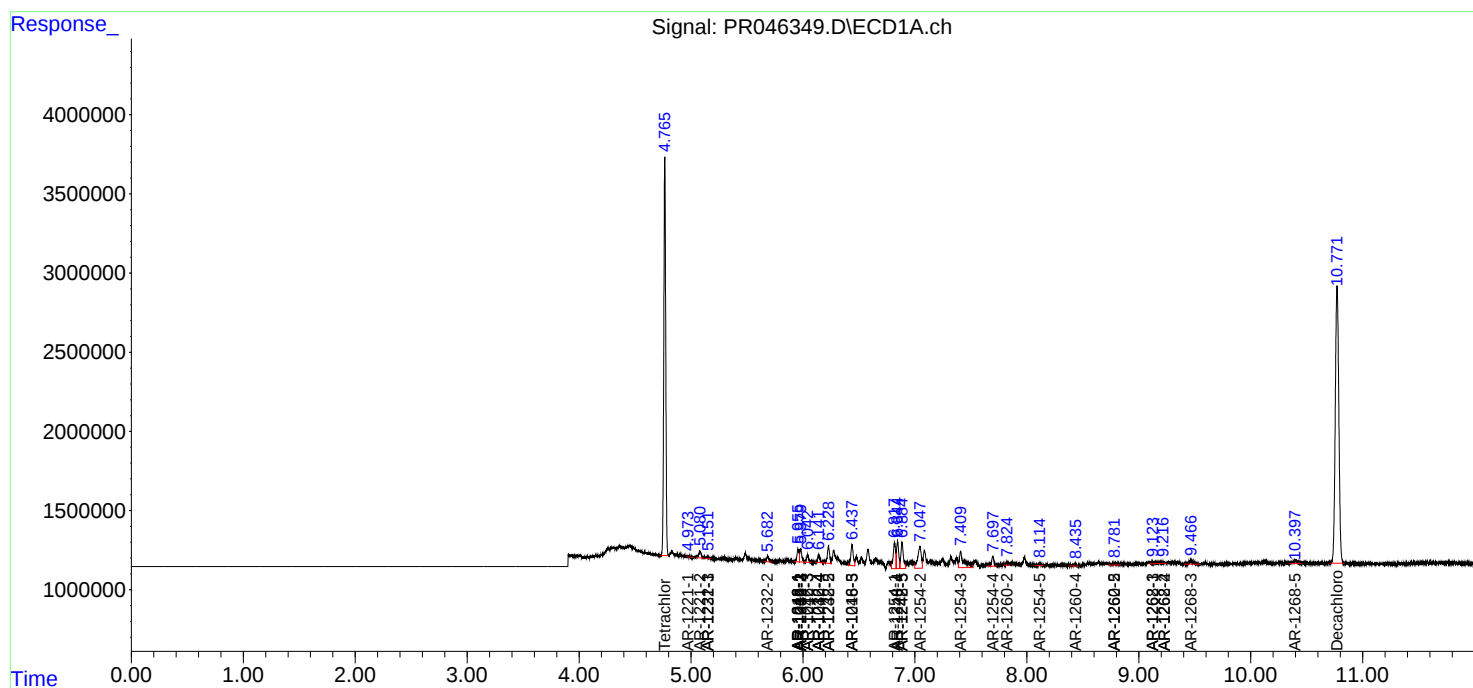
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

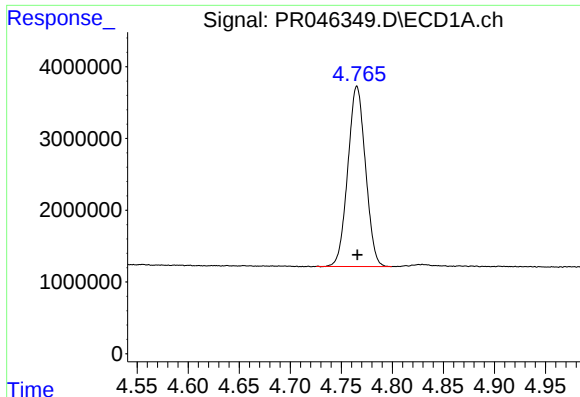
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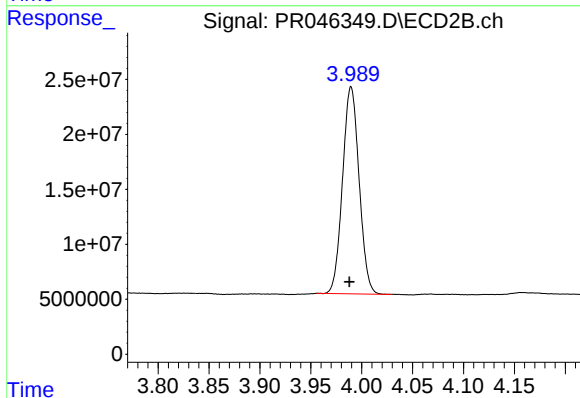




#1 Tetrachloro-m-xylene

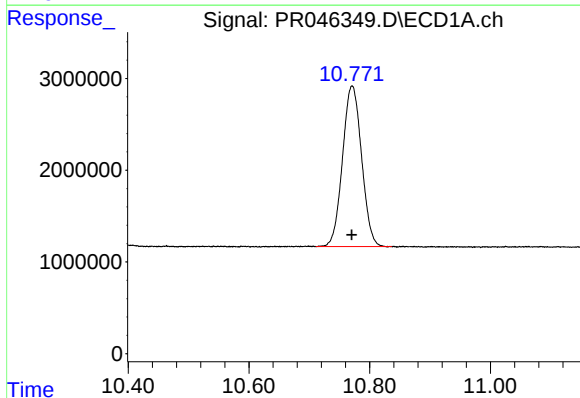
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 30236961
Conc: 16.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



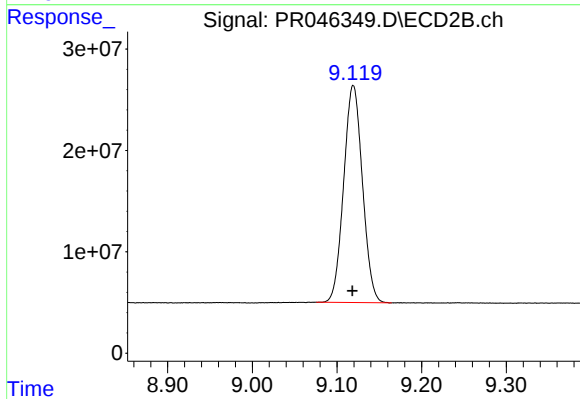
#1 Tetrachloro-m-xylene

R.T.: 3.990 min
Delta R.T.: 0.002 min
Response: 213042035
Conc: 17.31 ng/ml



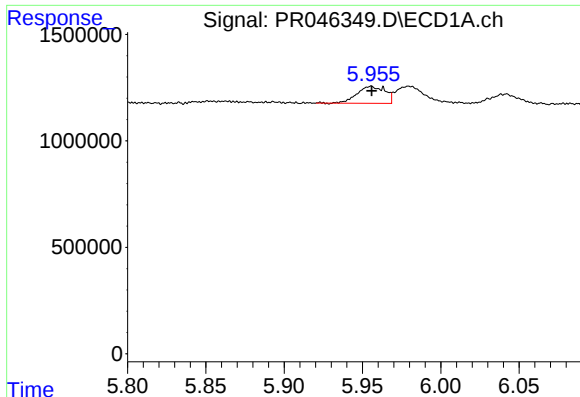
#2 Decachlorobiphenyl

R.T.: 10.771 min
Delta R.T.: 0.000 min
Response: 38345892
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

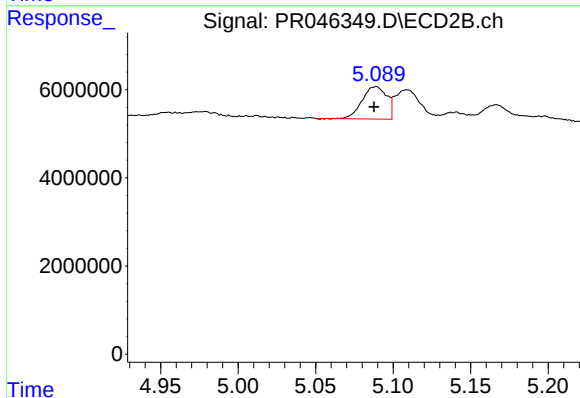
R.T.: 9.119 min
Delta R.T.: 0.001 min
Response: 329802226
Conc: 21.30 ng/ml



#3 AR-1016-1

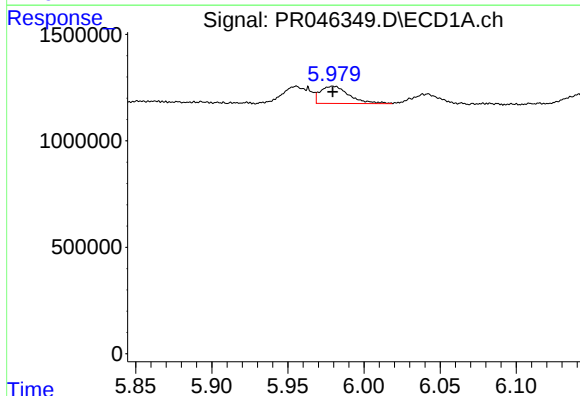
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 993977
Conc: 14.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



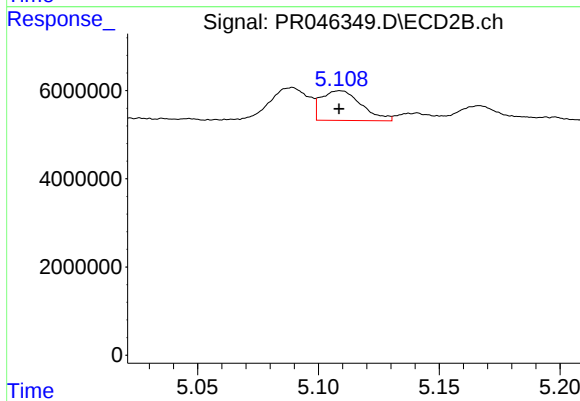
#3 AR-1016-1

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 8090063
Conc: 16.32 ng/ml



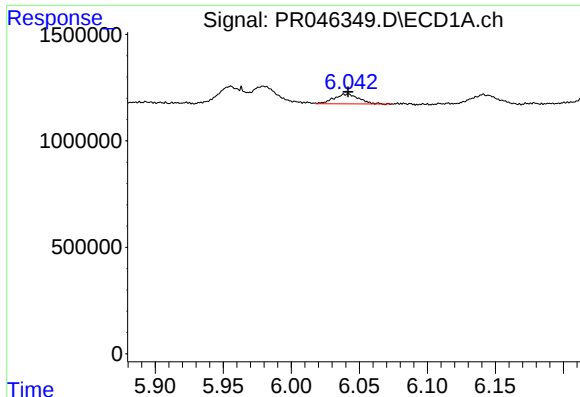
#4 AR-1016-2

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1064424
Conc: 10.77 ng/ml



#4 AR-1016-2

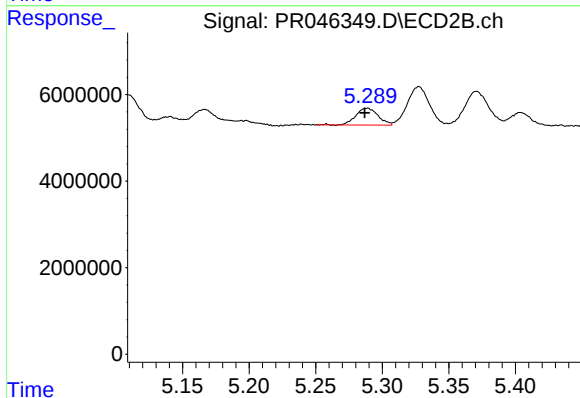
R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 7801464
Conc: 11.35 ng/ml



#5 AR-1016-3

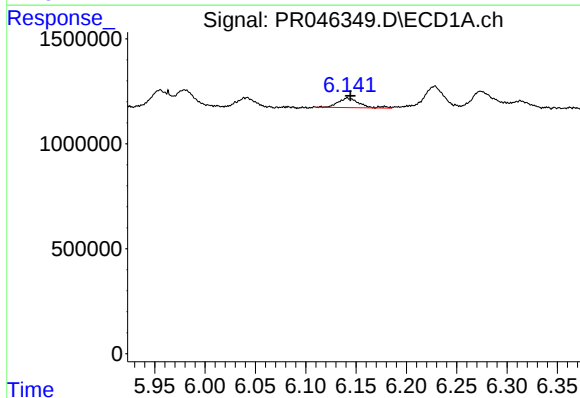
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 590009
Conc: 9.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



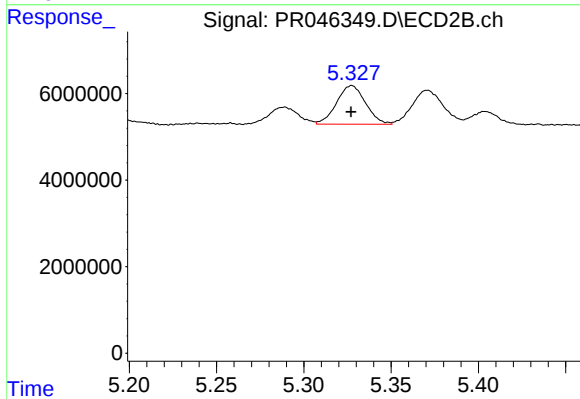
#5 AR-1016-3

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 4513356
Conc: 14.08 ng/ml



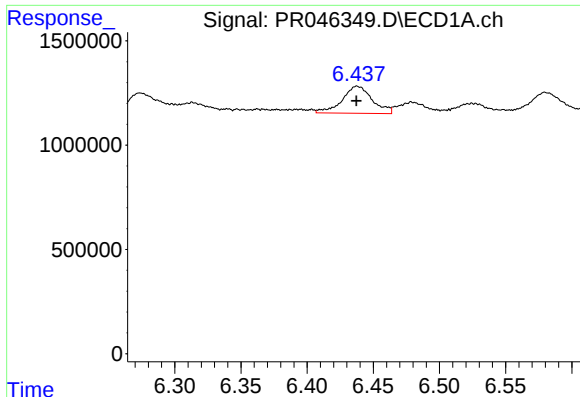
#6 AR-1016-4

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 669370
Conc: 13.42 ng/ml



#6 AR-1016-4

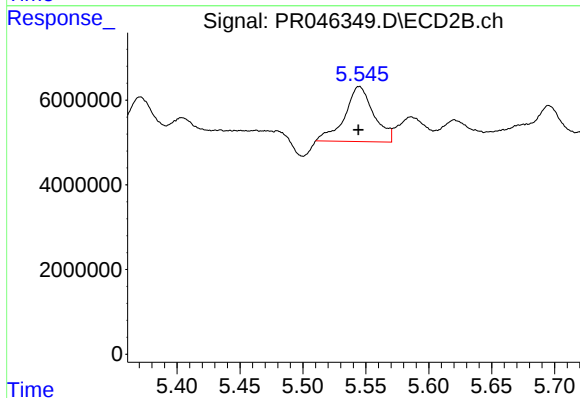
R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 10309755
Conc: 38.35 ng/ml



#7 AR-1016-5

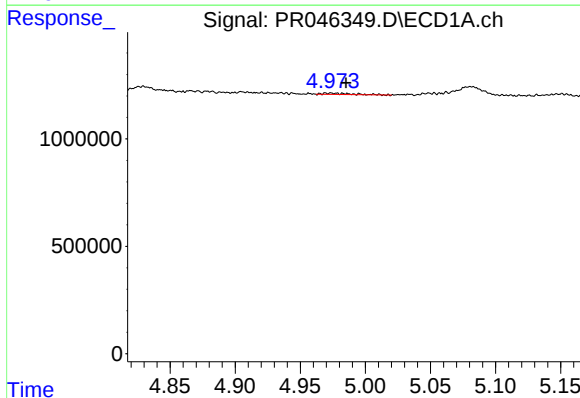
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 2061581
Conc: 41.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



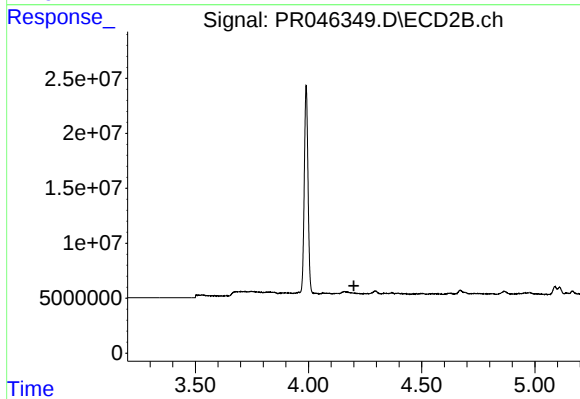
#7 AR-1016-5

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 20898842
Conc: 56.21 ng/ml



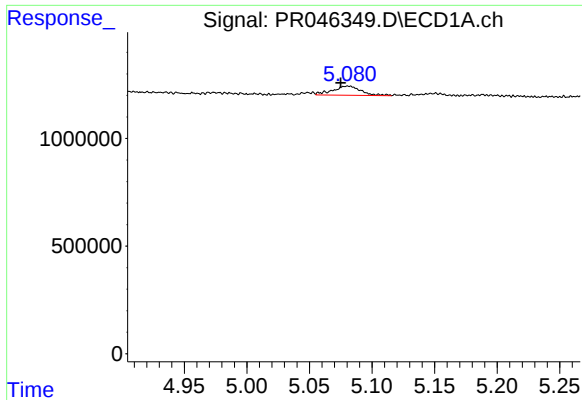
#8 AR-1221-1

R.T.: 4.974 min
Delta R.T.: -0.011 min
Response: 91067
Conc: 4.61 ng/ml



#8 AR-1221-1

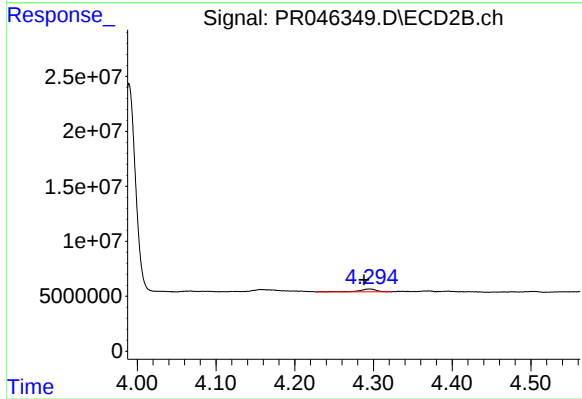
R.T.: 0.000 min
Exp R.T. : 4.201 min
Response: 0
Conc: N.D.



#9 AR-1221-2

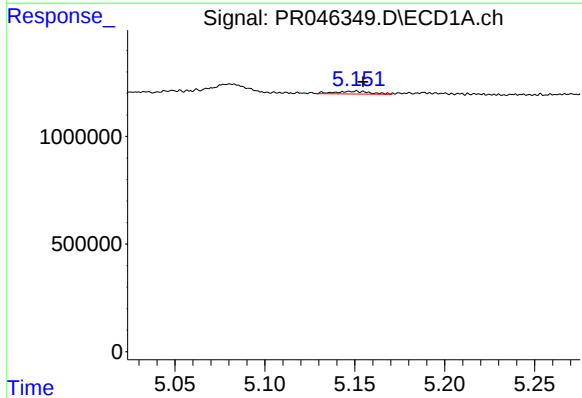
R.T.: 5.081 min
Delta R.T.: 0.006 min
Response: 668160
Conc: 45.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



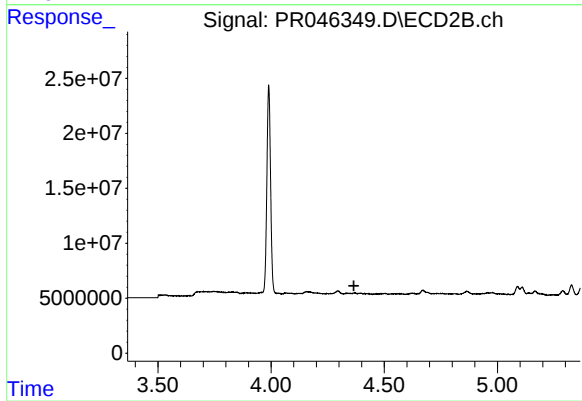
#9 AR-1221-2

R.T.: 4.295 min
Delta R.T.: 0.007 min
Response: 3627936
Conc: 38.11 ng/ml



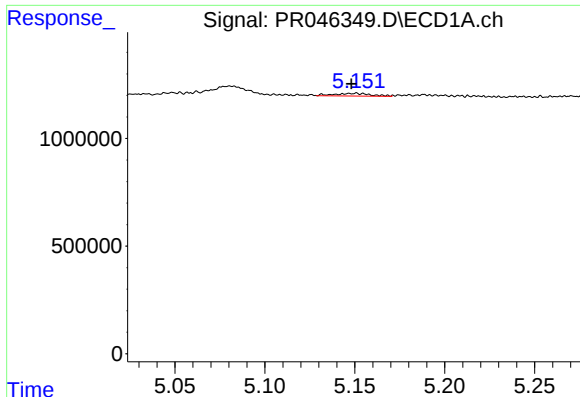
#10 AR-1221-3

R.T.: 5.151 min
Delta R.T.: -0.004 min
Response: 178448
Conc: 3.80 ng/ml



#10 AR-1221-3

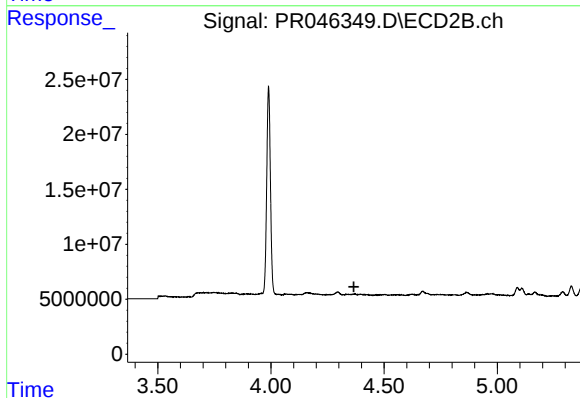
R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



#11 AR-1232-1

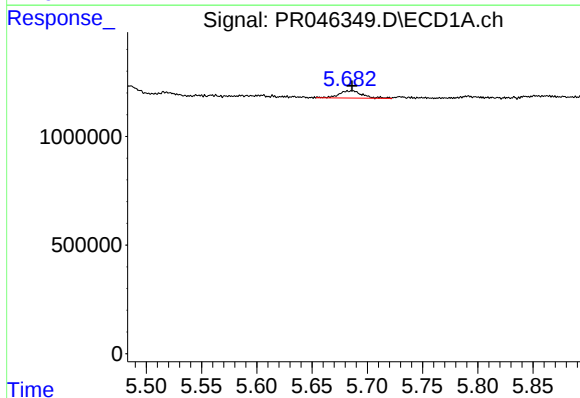
R.T.: 5.151 min
Delta R.T.: 0.002 min
Response: 178448
Conc: 4.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



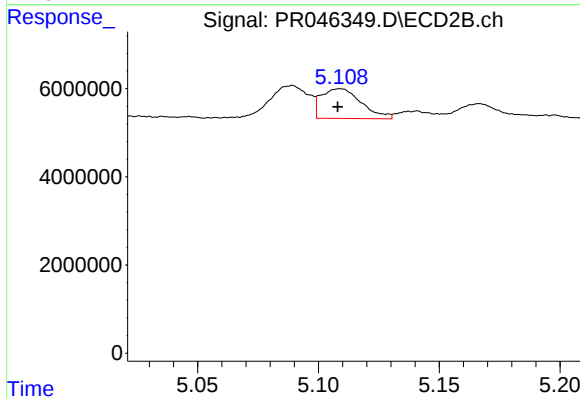
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



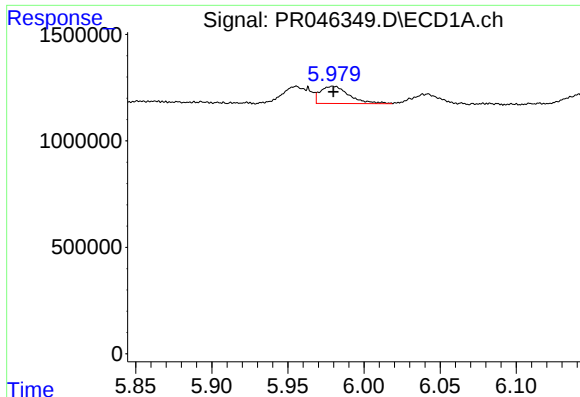
#12 AR-1232-2

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 491771
Conc: 25.42 ng/ml



#12 AR-1232-2

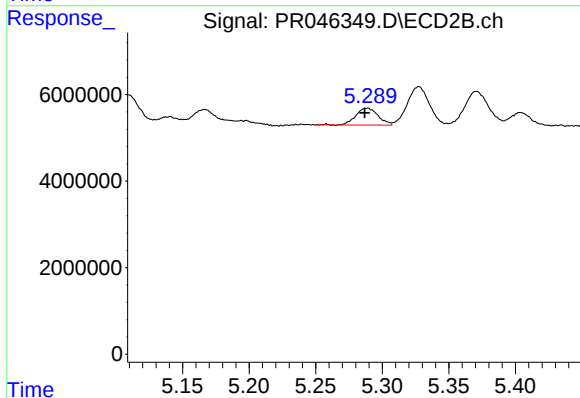
R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 7801464
Conc: 27.83 ng/ml



#13 AR-1232-3

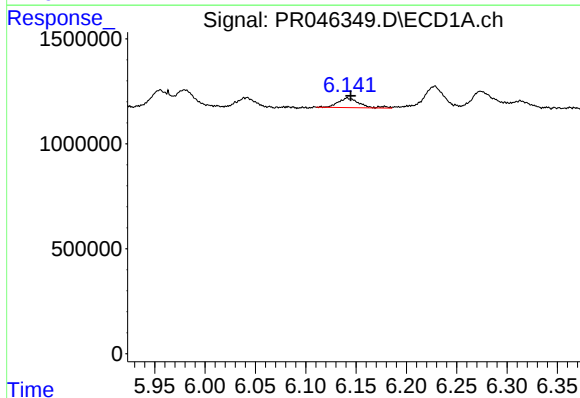
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1064424
Conc: 26.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



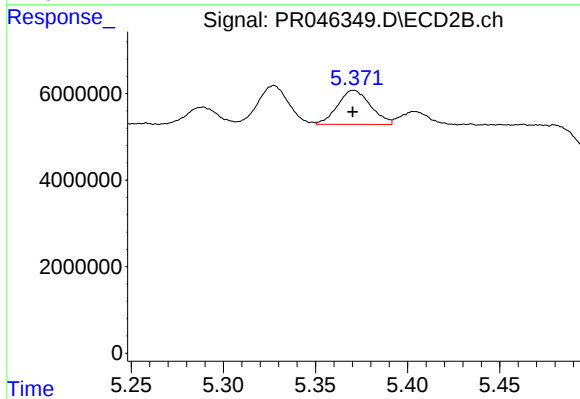
#13 AR-1232-3

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 4513356
Conc: 34.75 ng/ml



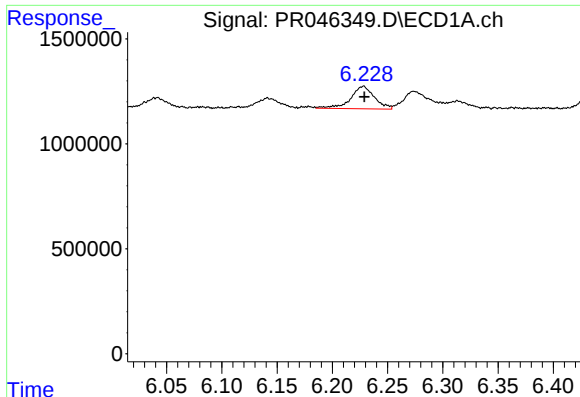
#14 AR-1232-4

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 669370
Conc: 33.59 ng/ml



#14 AR-1232-4

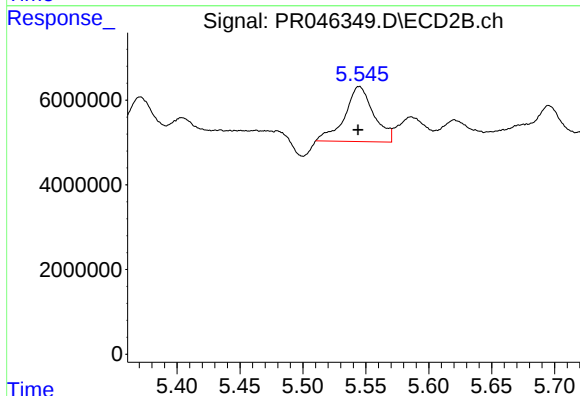
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 9830141
Conc: 79.50 ng/ml



#15 AR-1232-5

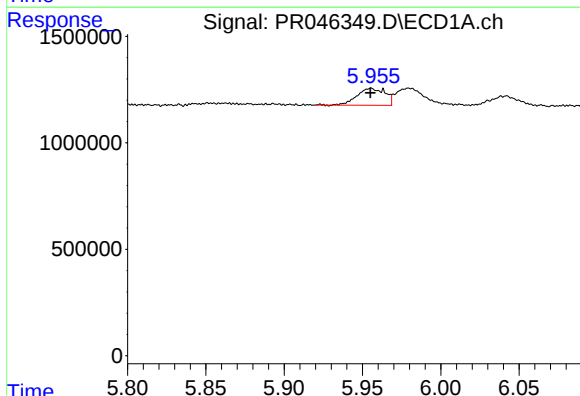
R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 1612622
Conc: 106.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



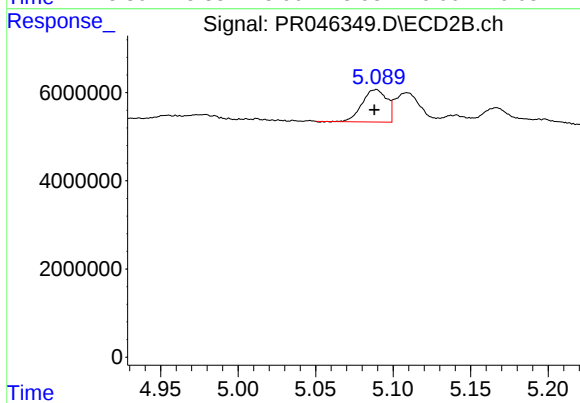
#15 AR-1232-5

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 20898842
Conc: 152.20 ng/ml



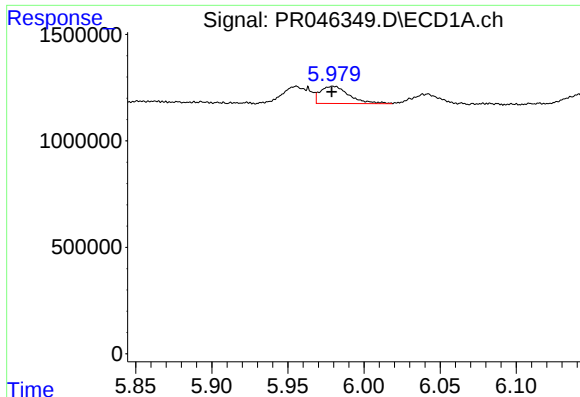
#16 AR-1242-1

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 993977
Conc: 18.39 ng/ml



#16 AR-1242-1

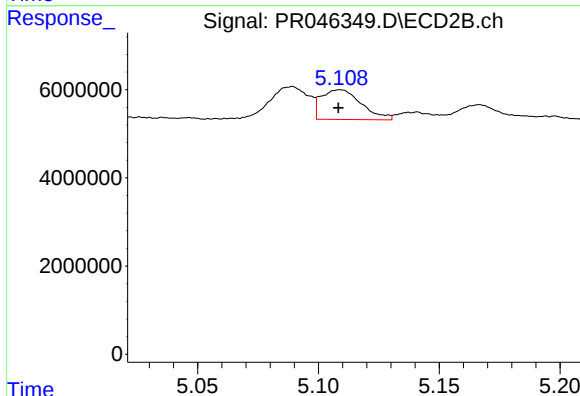
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 8090063
Conc: 21.27 ng/ml



#17 AR-1242-2

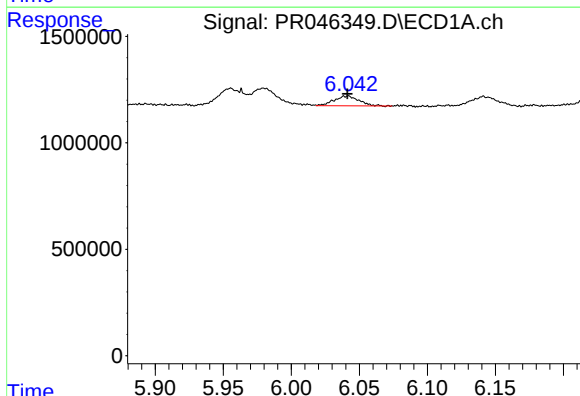
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1064424
Conc: 14.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



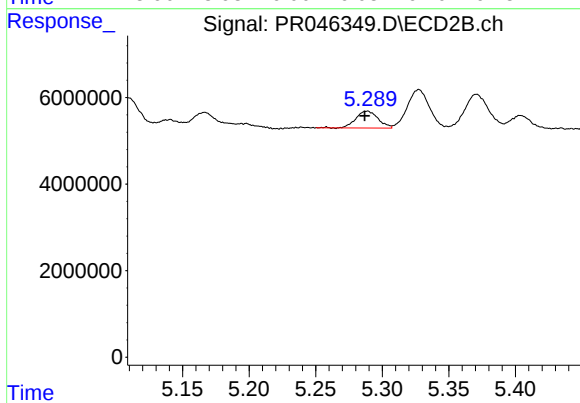
#17 AR-1242-2

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 7801464
Conc: 14.90 ng/ml



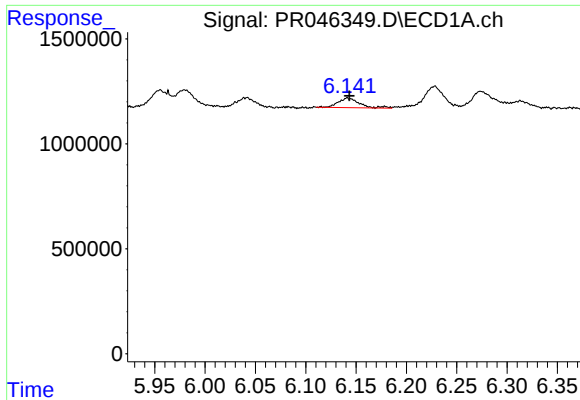
#18 AR-1242-3

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 590009
Conc: 12.90 ng/ml



#18 AR-1242-3

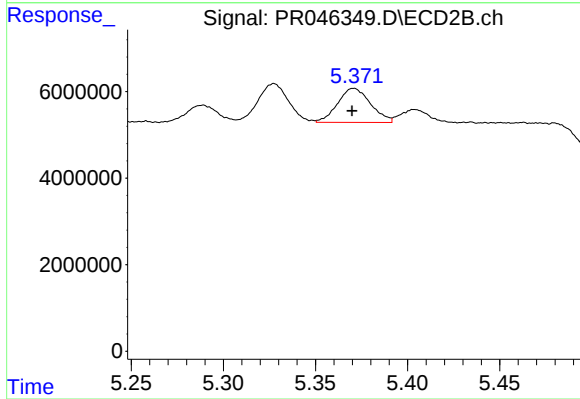
R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 4513356
Conc: 17.69 ng/ml



#19 AR-1242-4

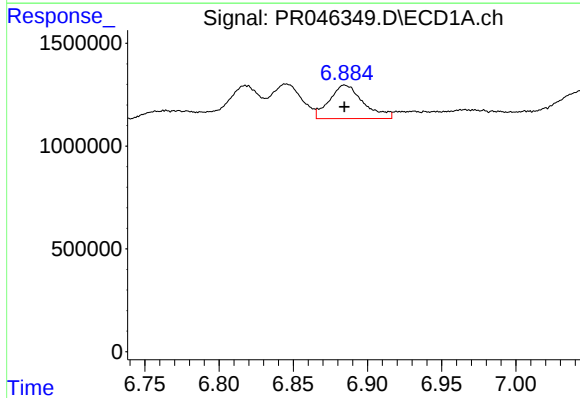
R.T.: 6.142 min
Delta R.T.: -0.001 min
Response: 669370
Conc: 17.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



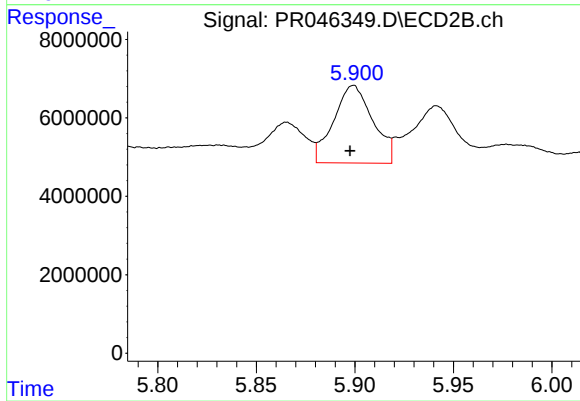
#19 AR-1242-4

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 9830141
Conc: 37.79 ng/ml



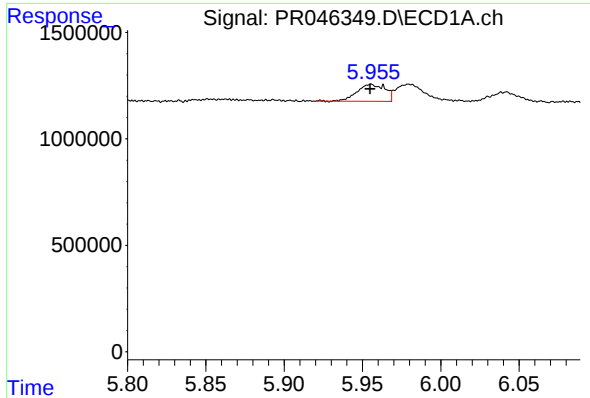
#20 AR-1242-5

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 2591294
Conc: 58.56 ng/ml



#20 AR-1242-5

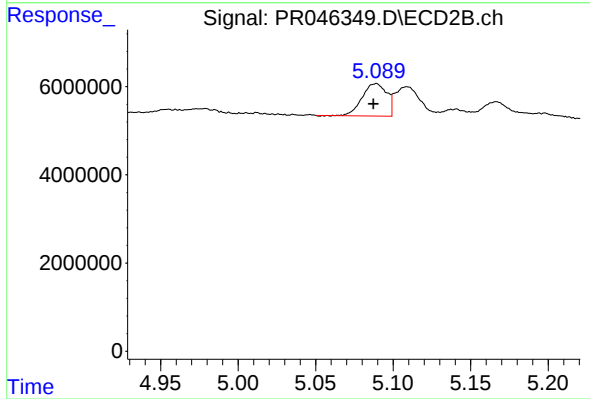
R.T.: 5.899 min
Delta R.T.: 0.002 min
Response: 27431837
Conc: 74.31 ng/ml



#21 AR-1248-1

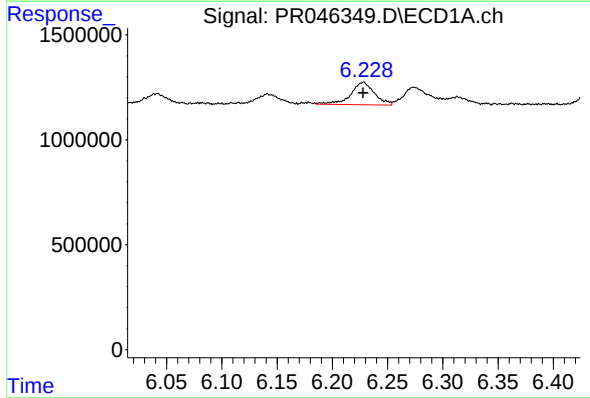
R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 993977
Conc: 24.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



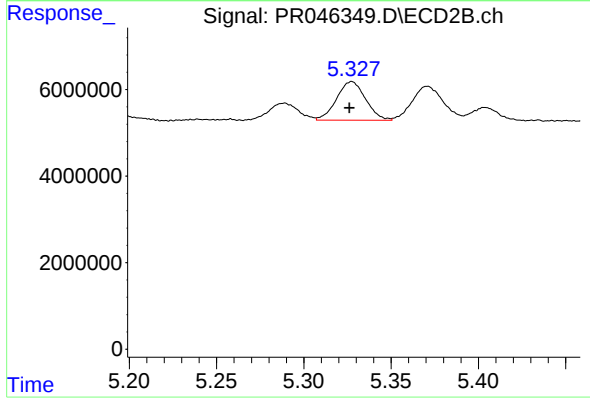
#21 AR-1248-1

R.T.: 5.089 min
Delta R.T.: 0.001 min
Response: 8090063
Conc: 28.05 ng/ml



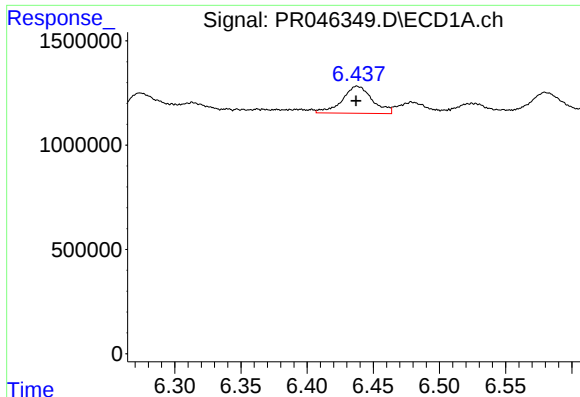
#22 AR-1248-2

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1612622
Conc: 29.56 ng/ml



#22 AR-1248-2

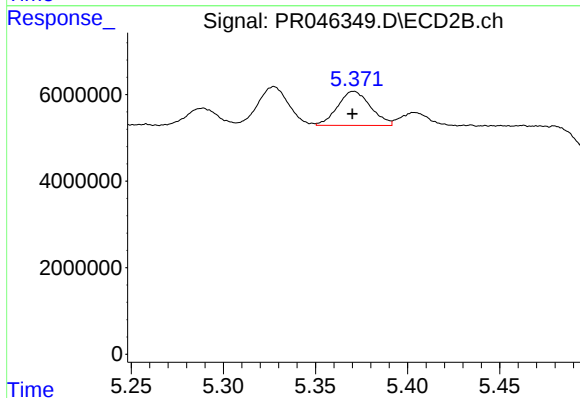
R.T.: 5.327 min
Delta R.T.: 0.001 min
Response: 10309755
Conc: 29.22 ng/ml



#23 AR-1248-3

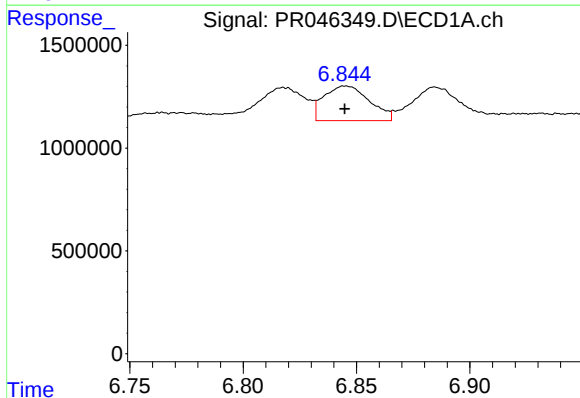
R.T.: 6.438 min
Delta R.T.: 0.001 min
Response: 2061581
Conc: 33.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



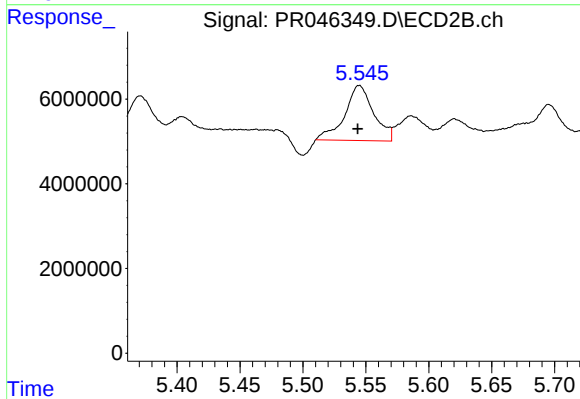
#23 AR-1248-3

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 9830141
Conc: 26.27 ng/ml



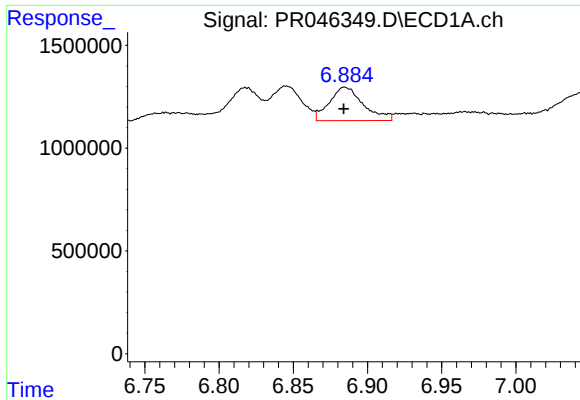
#24 AR-1248-4

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 2354980
Conc: 31.97 ng/ml



#24 AR-1248-4

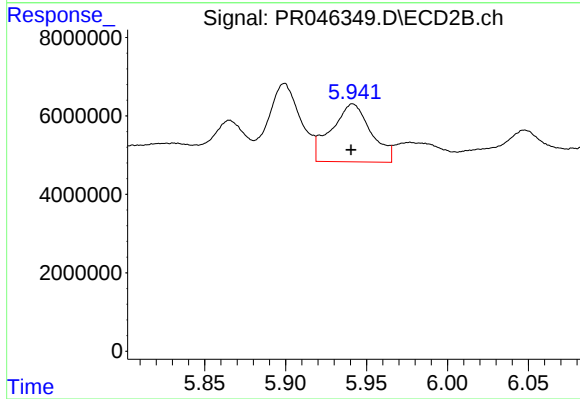
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 20898842
Conc: 44.52 ng/ml



#25 AR-1248-5

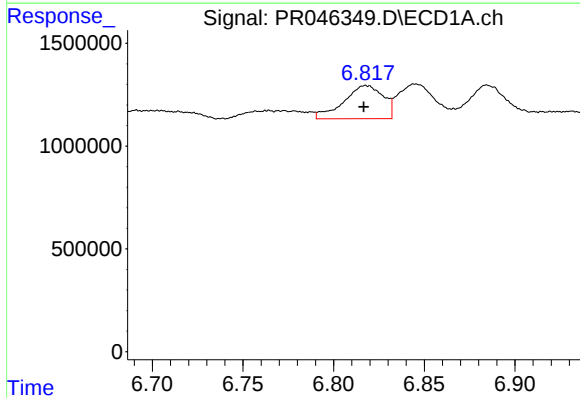
R.T.: 6.885 min
Delta R.T.: 0.001 min
Response: 2591294
Conc: 36.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



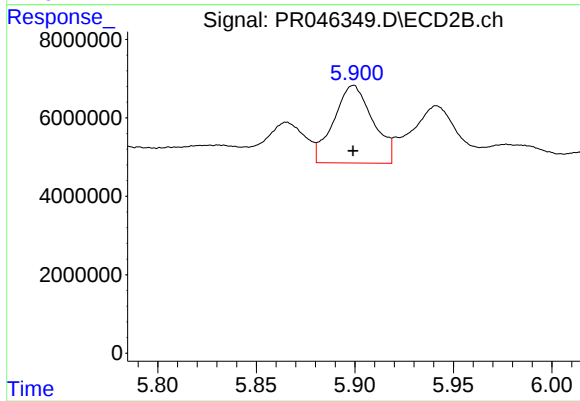
#25 AR-1248-5

R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 25199982
Conc: 52.05 ng/ml



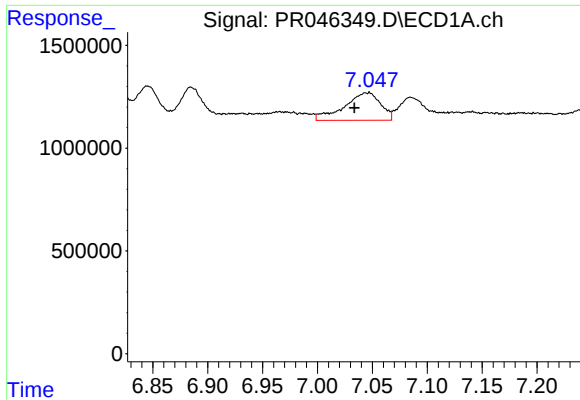
#26 AR-1254-1

R.T.: 6.818 min
Delta R.T.: 0.001 min
Response: 2445926
Conc: 31.68 ng/ml



#26 AR-1254-1

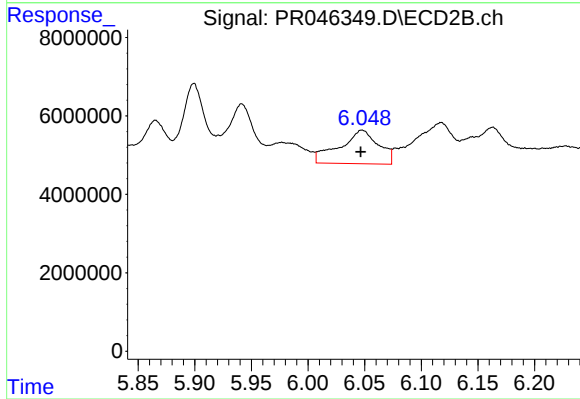
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 27431837
Conc: 34.83 ng/ml



#27 AR-1254-2

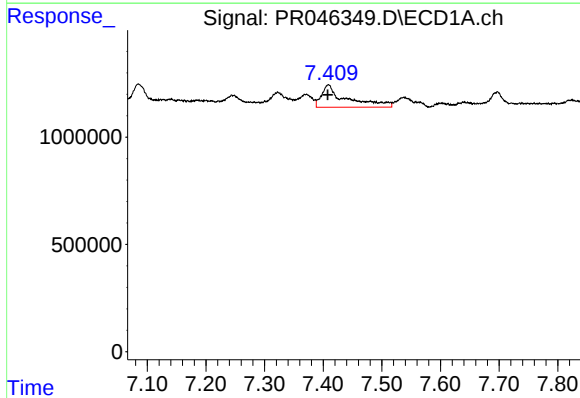
R.T.: 7.045 min
Delta R.T.: 0.012 min
Response: 3098795
Conc: 25.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



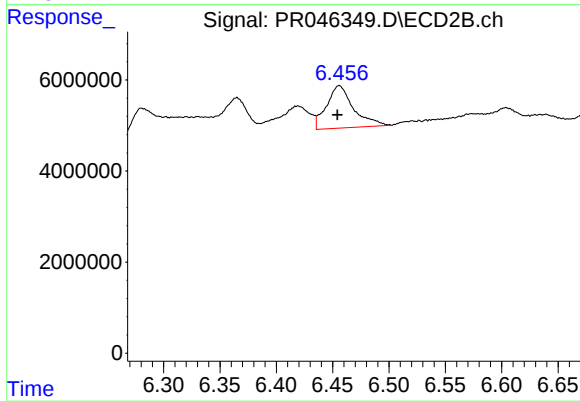
#27 AR-1254-2

R.T.: 6.048 min
Delta R.T.: 0.001 min
Response: 20489403
Conc: 29.80 ng/ml



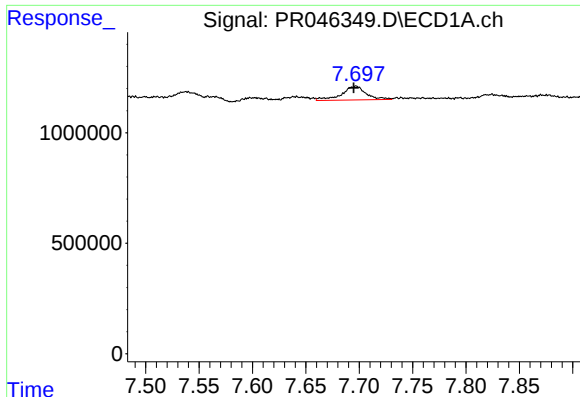
#28 AR-1254-3

R.T.: 7.409 min
Delta R.T.: 0.001 min
Response: 3088761
Conc: 23.03 ng/ml



#28 AR-1254-3

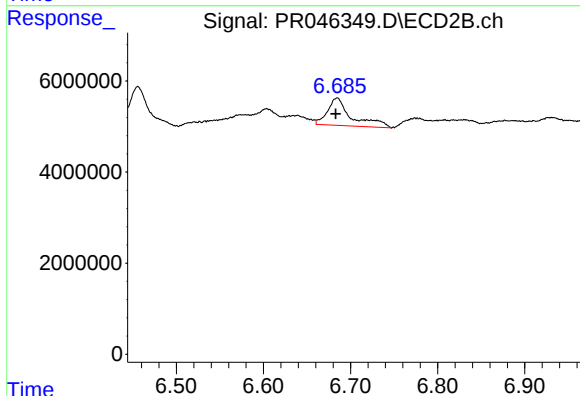
R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 15520009
Conc: 13.07 ng/ml



#29 AR-1254-4

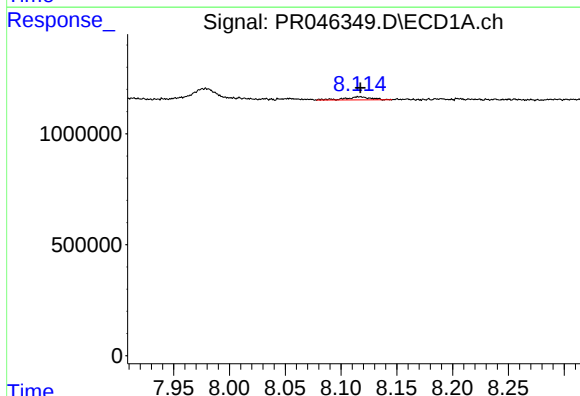
R.T.: 7.696 min
Delta R.T.: 0.002 min
Response: 997414
Conc: 9.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



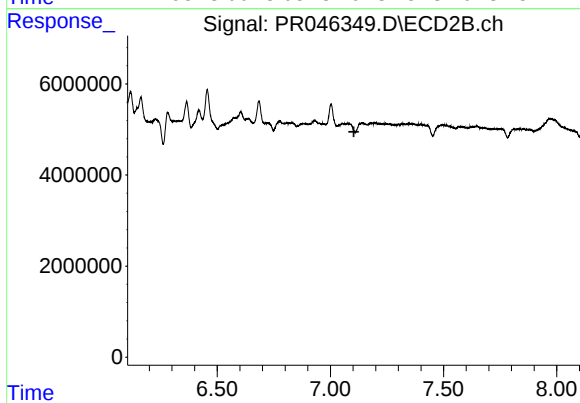
#29 AR-1254-4

R.T.: 6.685 min
Delta R.T.: 0.002 min
Response: 11463673
Conc: 14.88 ng/ml



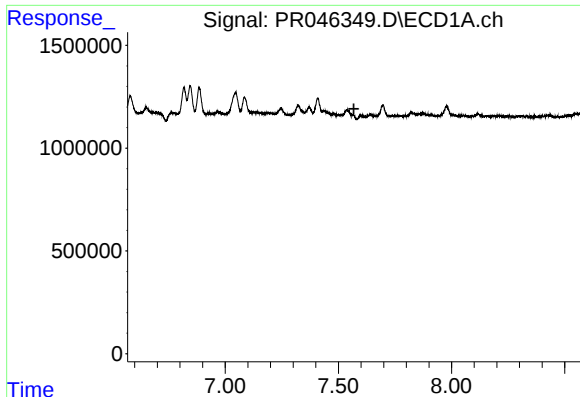
#30 AR-1254-5

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 215434
Conc: 1.94 ng/ml



#30 AR-1254-5

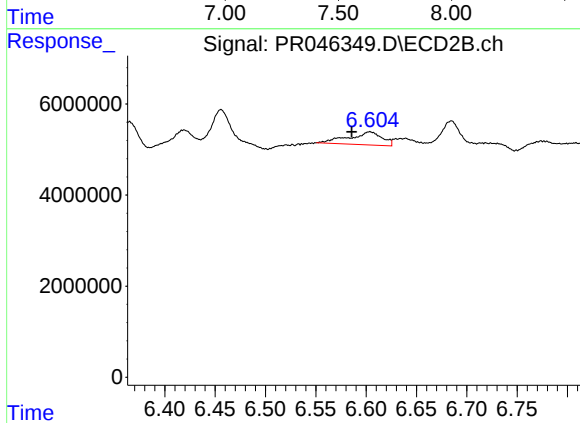
R.T.: 0.000 min
Exp R.T. : 7.104 min
Response: 0
Conc: N.D.



#31 AR-1260-1

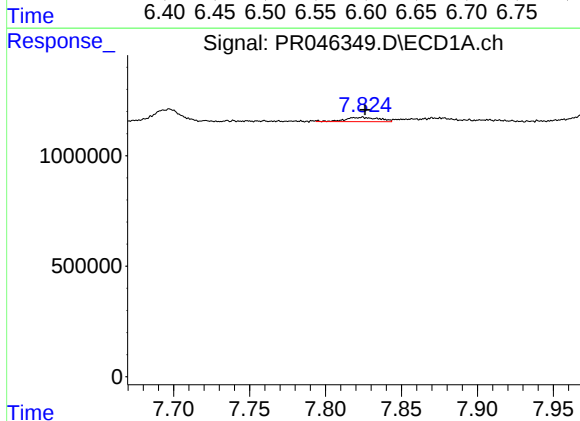
R.T.: 0.000 min
Exp R.T.: 7.569 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



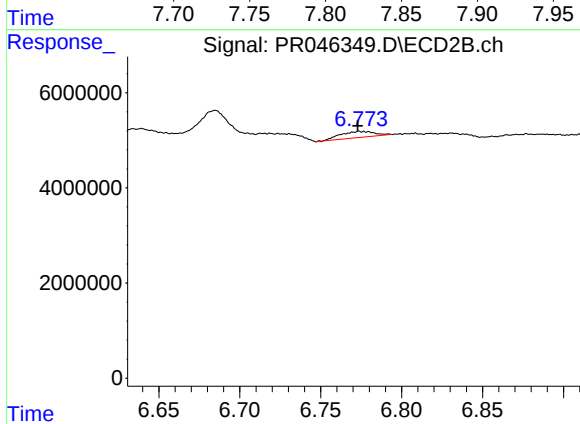
#31 AR-1260-1

R.T.: 6.604 min
Delta R.T.: 0.018 min
Response: 6535461
Conc: 9.06 ng/ml



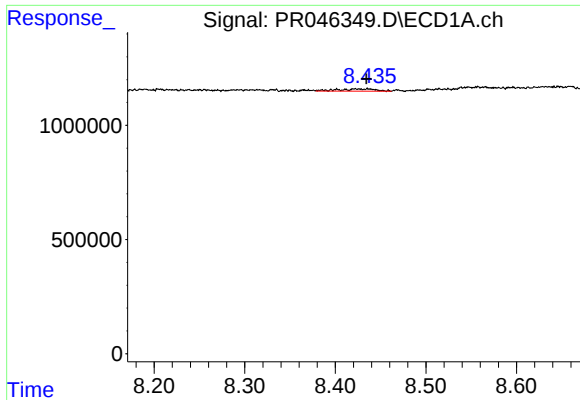
#32 AR-1260-2

R.T.: 7.824 min
Delta R.T.: -0.003 min
Response: 299100
Conc: 2.60 ng/ml



#32 AR-1260-2

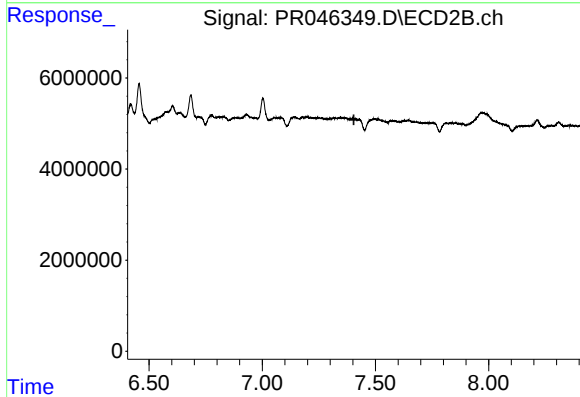
R.T.: 6.774 min
Delta R.T.: 0.001 min
Response: 1861025
Conc: 2.10 ng/ml



#34 AR-1260-4

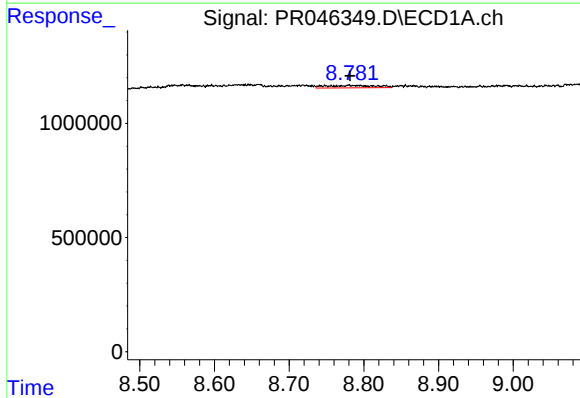
R.T.: 8.436 min
Delta R.T.: 0.002 min
Response: 269413
Conc: 2.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



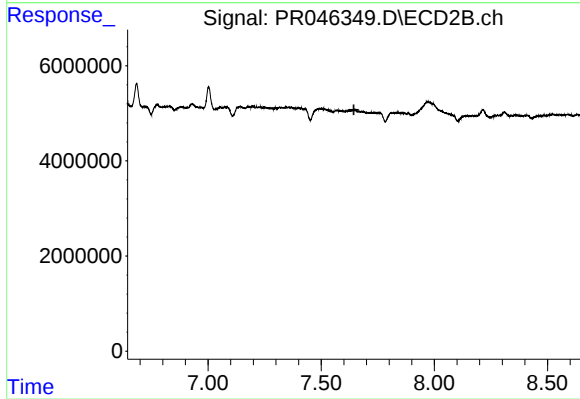
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.405 min
Response: 0
Conc: N.D.



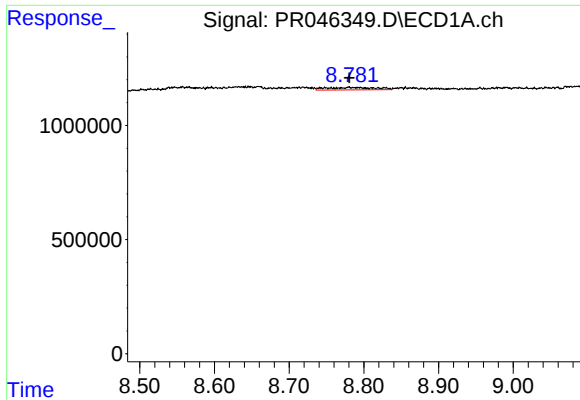
#35 AR-1260-5

R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 500169
Conc: 2.32 ng/ml



#35 AR-1260-5

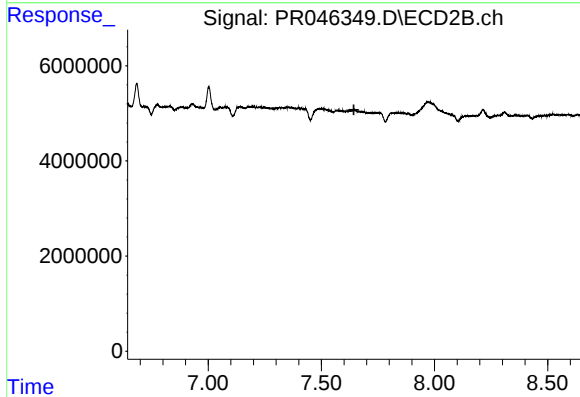
R.T.: 0.000 min
Exp R.T. : 7.644 min
Response: 0
Conc: N.D.



#37 AR-1262-2

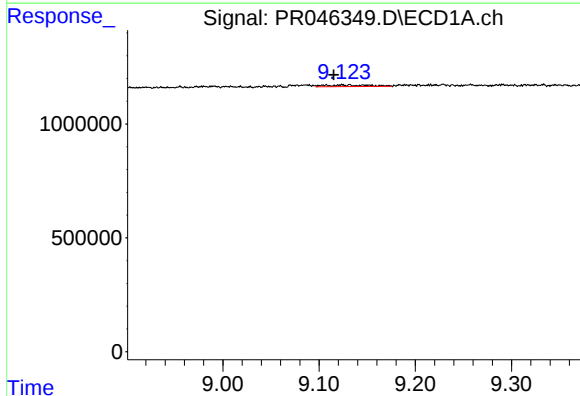
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 500169
Conc: 2.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



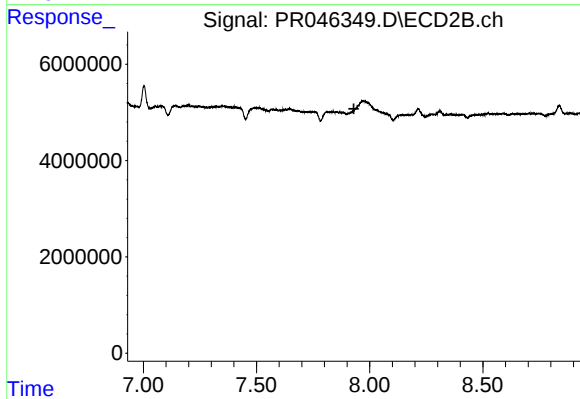
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.644 min
Response: 0
Conc: N.D.



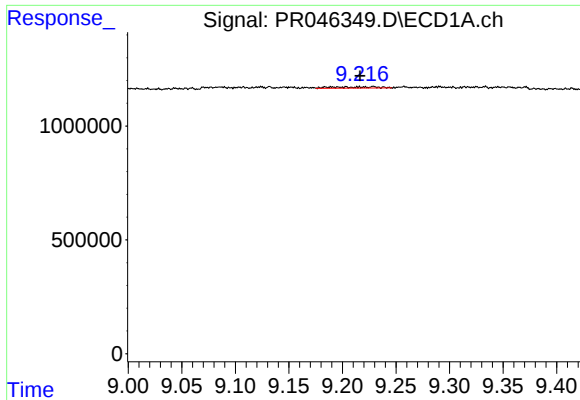
#38 AR-1262-3

R.T.: 9.123 min
Delta R.T.: 0.008 min
Response: 226287
Conc: 2.32 ng/ml



#38 AR-1262-3

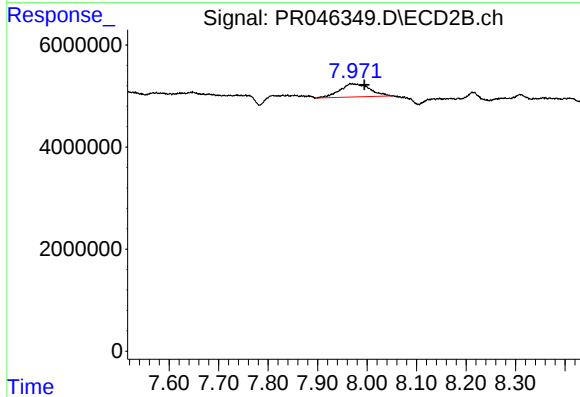
R.T.: 0.000 min
Exp R.T. : 7.930 min
Response: 0
Conc: N.D.



#39 AR-1262-4

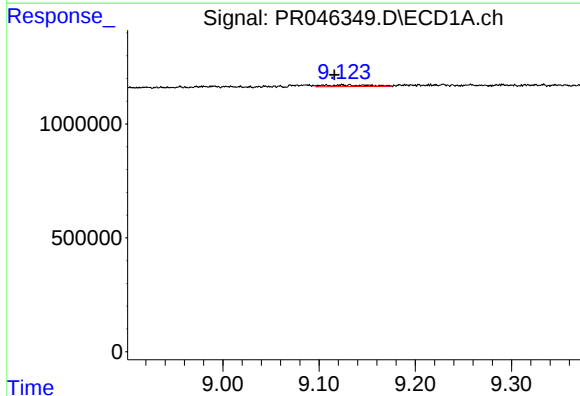
R.T.: 9.229 min
Delta R.T.: 0.012 min
Response: 167476
Conc: 1.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



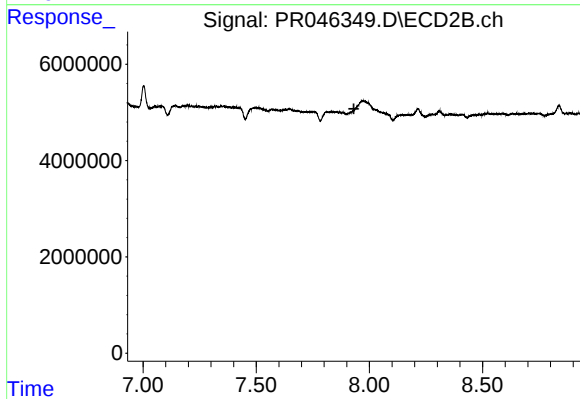
#39 AR-1262-4

R.T.: 7.969 min
Delta R.T.: -0.026 min
Response: 10806891
Conc: 7.62 ng/ml



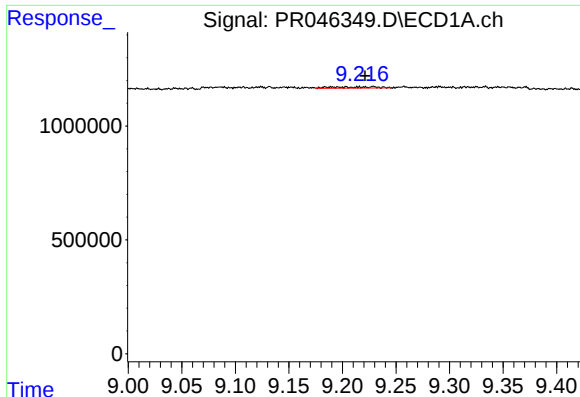
#41 AR-1268-1

R.T.: 9.123 min
Delta R.T.: 0.007 min
Response: 226287
Conc: 0.79 ng/ml



#41 AR-1268-1

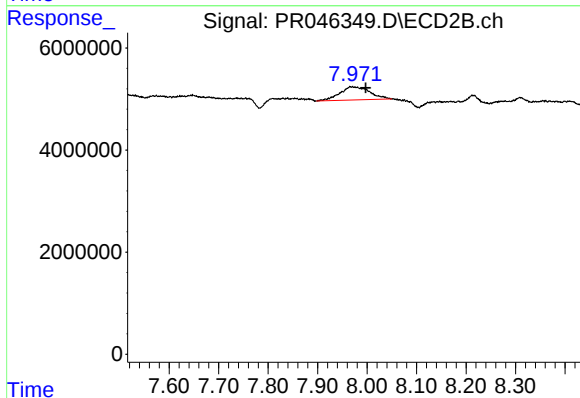
R.T.: 0.000 min
Exp R.T.: 7.932 min
Response: 0
Conc: N.D.



#42 AR-1268-2

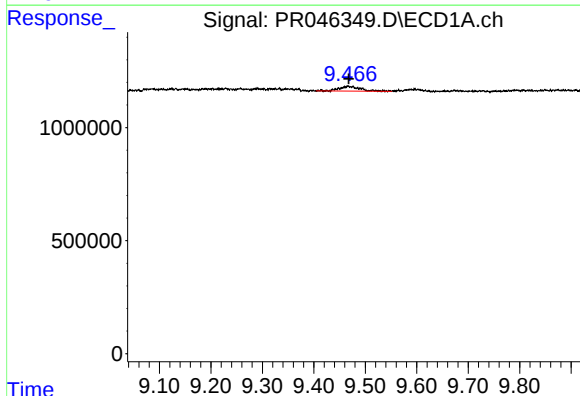
R.T.: 9.229 min
Delta R.T.: 0.008 min
Response: 167476
Conc: 0.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



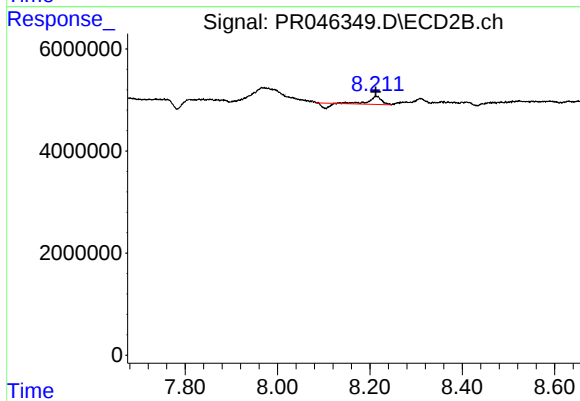
#42 AR-1268-2

R.T.: 7.969 min
Delta R.T.: -0.029 min
Response: 10806891
Conc: 4.80 ng/ml



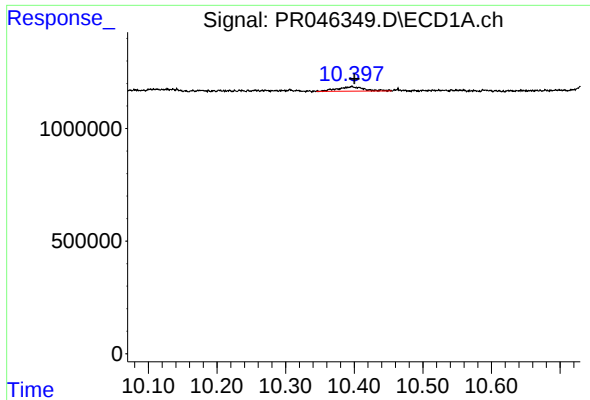
#43 AR-1268-3

R.T.: 9.467 min
Delta R.T.: 0.000 min
Response: 593531
Conc: 2.71 ng/ml



#43 AR-1268-3

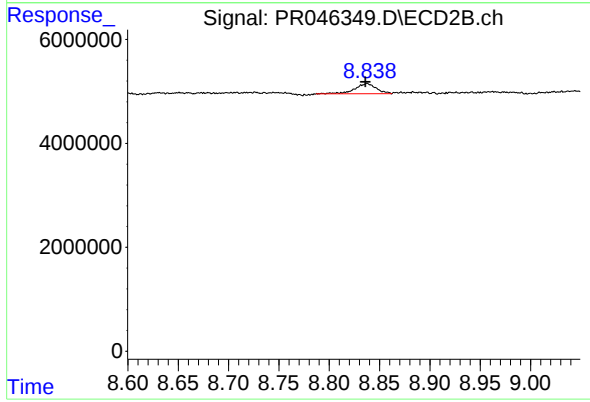
R.T.: 8.214 min
Delta R.T.: 0.002 min
Response: 2175032
Conc: 1.15 ng/ml



#45 AR-1268-5

R.T.: 10.396 min
Delta R.T.: -0.004 min
Response: 512688
Conc: 0.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.837 min
Delta R.T.: 0.001 min
Response: 2863691
Conc: 0.52 ng/ml