

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102919\
 Data File : PR042627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2019 13:37
 Operator : SM\AJ
 Sample : K5542-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 16:08:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 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...	4.725	3.986	82455560	316.5E6	17.314	18.589
2)	SA Decachlor...	10.642	9.088	46794882	118.4E6	13.384	11.666
Target Compounds							
3)	L1 AR-1016-1	5.902	5.079	1128283	14014839	7.218	26.279 #
4)	L1 AR-1016-2	5.928	5.100	2522375	9090807	11.332	12.369
5)	L1 AR-1016-3	5.991	5.316	426920	13669404	3.232	42.112 #
6)	L1 AR-1016-4	6.075	5.316	2381613	13669404	22.006	52.339 #
7)	L1 AR-1016-5	6.385	5.476	2506647	6605645	23.173	22.287
8)	L2 AR-1221-1	4.907	4.184	877061	6294292	20.013	37.053 #
9)	L2 AR-1221-2	5.036	4.293	3415711	6267065	102.047	49.573 #
10)	L2 AR-1221-3	5.110	4.411	4562297	85119998	42.539	211.477 #
11)	L3 AR-1232-1	5.110	4.411	4562297	85119998	29.286	146.572 #
12)	L3 AR-1232-2	5.632	5.100	10589626	9090807	134.390	16.150 #
13)	L3 AR-1232-3	5.928	5.316	2522375	13669404	15.054	54.045 #
14)	L3 AR-1232-4	6.075	5.395	2381613	11435094	29.059	54.267 #
15)	L3 AR-1232-5	6.182	5.476	1492029	6605645	24.408	31.492 #
16)	L4 AR-1242-1	5.902	5.079	1128283	14014839	9.622	34.030 #
17)	L4 AR-1242-2	5.928	5.100	2522375	9090807	14.950	16.327
18)	L4 AR-1242-3	5.991	5.316	426920	13669404	4.247	51.733 #
19)	L4 AR-1242-4	6.075	5.395	2381613	11435094	28.539	47.408 #
20)	L4 AR-1242-5	6.825	5.888	3677782	41918011	38.381	157.591 #
21)	L5 AR-1248-1	5.902	5.079	1128283	14014839	12.190	42.559 #
22)	L5 AR-1248-2	6.182	5.316	1492029	13669404	11.671	38.988 #
23)	L5 AR-1248-3	6.385	5.395	2506647	11435094	17.437	32.573 #
24)	L5 AR-1248-4	6.801	5.476	6806111	6605645	40.005	17.382 #
25)	L5 AR-1248-5	6.825	5.888	3677782	41918011	22.904	112.603 #
26)	L6 AR-1254-1	6.757	5.888	9803779	41918011	54.577	72.924 #
27)	L6 AR-1254-2	6.975	6.035	13191754	24371217	46.724	44.552
28)	L6 AR-1254-3	7.347	6.454	21389757	192.6E6	69.961	200.268 #
29)	L6 AR-1254-4	7.630	6.668	8885035	24556709	39.903	37.409
30)	L6 AR-1254-5	8.049	7.087	79533504	241.9E6	342.957	294.568
31)	L7 AR-1260-1	7.507	6.572	58811586	159.0E6	282.735	274.974
32)	L7 AR-1260-2	7.762	6.757	59247423	207.6E6	241.289	262.951
33)	L7 AR-1260-3	8.124	6.914	44596005	206.6E6	239.010	303.794 #
34)	L7 AR-1260-4	8.362	7.386	58110032	142.5E6	275.852	260.112
35)	L7 AR-1260-5	8.700	7.626	97857370	357.8E6	232.916	242.825
36)	L8 AR-1262-1	8.124	7.179	44596005	113.0E6	152.195	277.100 #
37)	L8 AR-1262-2	8.700	7.626	97857370	357.8E6	179.934	193.258
38)	L8 AR-1262-3	9.053	7.911	63013443	74135861	183.970	106.752 #
39)	L8 AR-1262-4	9.111	7.975	33365421	209.4E6	254.046	171.585 #
40)	L8 AR-1262-5	9.833	8.492	19585757	58164718	120.045	110.231
41)	L9 AR-1268-1	9.053	7.911	63013443	74135861	114.976	39.480 #

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 Acq On : 29 Oct 2019 13:37
 Operator : SM\AJ
 Sample : K5542-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

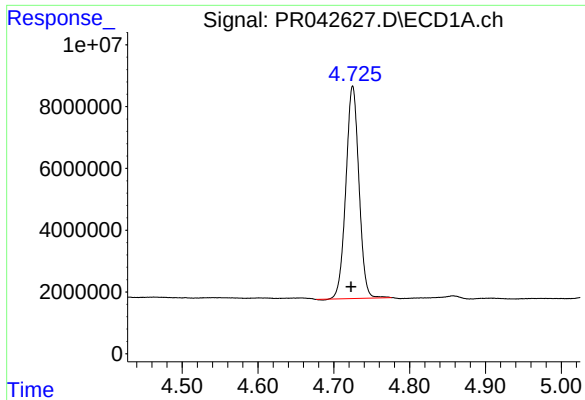
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 16:08:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
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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
42) L9	AR-1268-2	9.111	7.975	33365421	209.4E6	68.911	125.468 #
43) L9	AR-1268-3	9.376	8.189	6273955	22117699	15.874	15.731
44) L9	AR-1268-4	9.833	8.492	19585757	58164718	117.739	107.462
45) L9	AR-1268-5	10.279	8.808	18340610	47776933	15.009	12.507

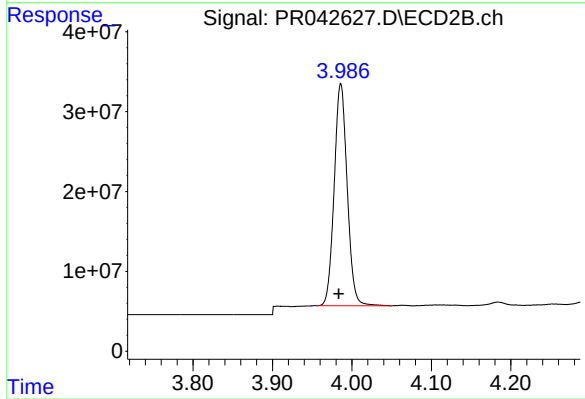
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

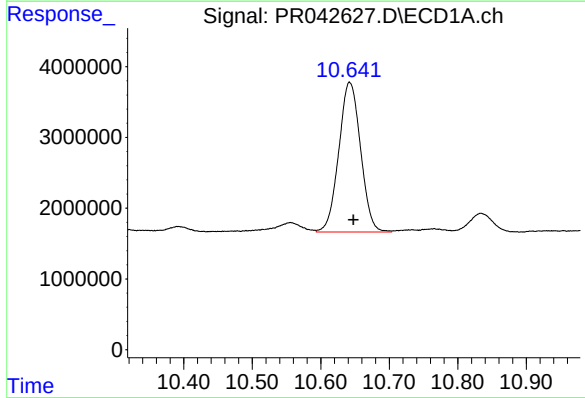
R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 82455560
Conc: 17.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



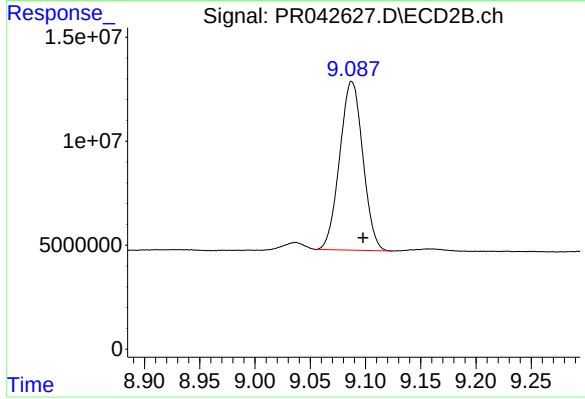
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.003 min
Response: 316495622
Conc: 18.59 ng/ml



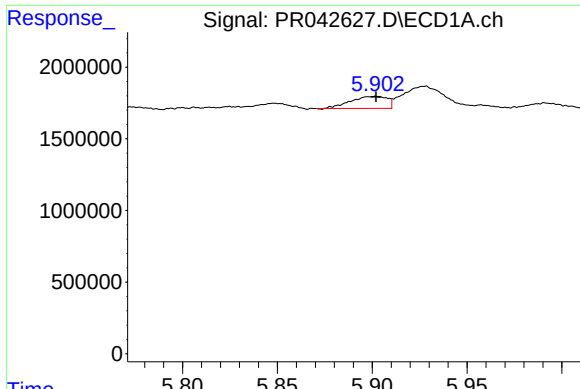
#2 Decachlorobiphenyl

R.T.: 10.642 min
Delta R.T.: -0.006 min
Response: 46794882
Conc: 13.38 ng/ml



#2 Decachlorobiphenyl

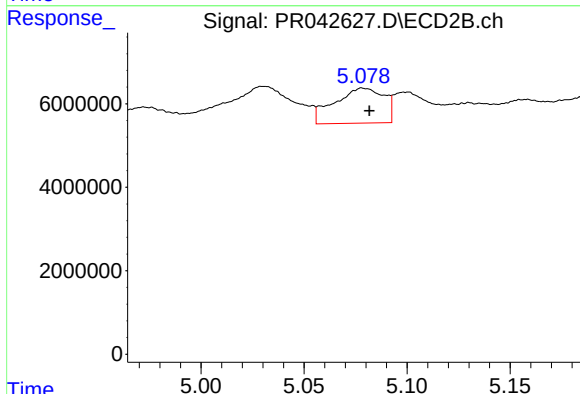
R.T.: 9.088 min
Delta R.T.: -0.010 min
Response: 118422778
Conc: 11.67 ng/ml



#3 AR-1016-1

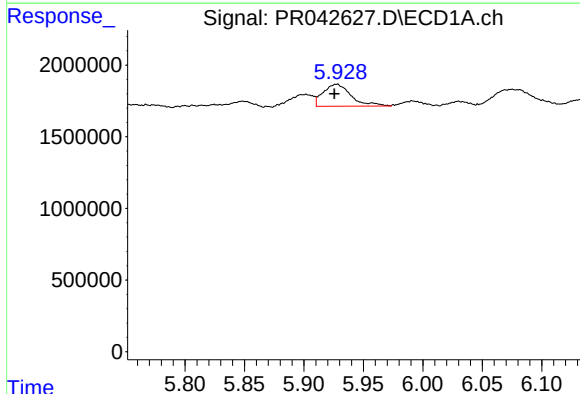
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 1128283
Conc: 7.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



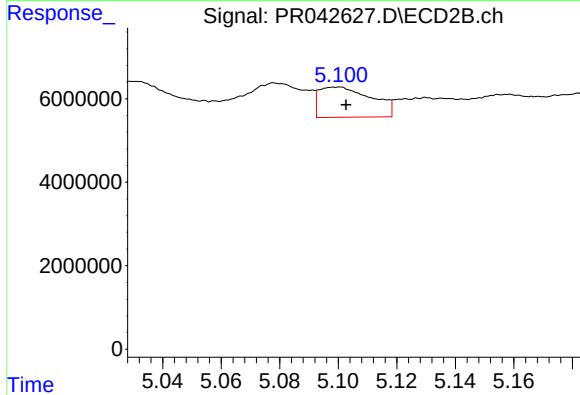
#3 AR-1016-1

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 14014839
Conc: 26.28 ng/ml



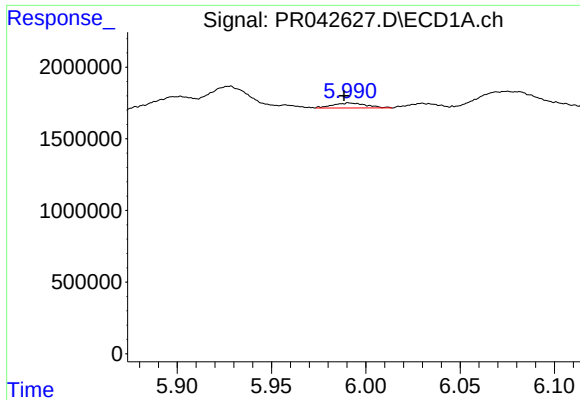
#4 AR-1016-2

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 2522375
Conc: 11.33 ng/ml



#4 AR-1016-2

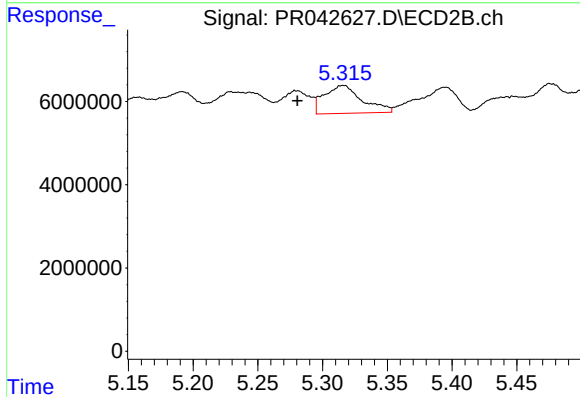
R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 9090807
Conc: 12.37 ng/ml



#5 AR-1016-3

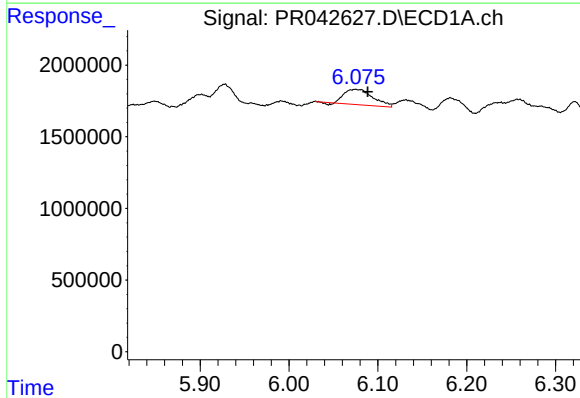
R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 426920
Conc: 3.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



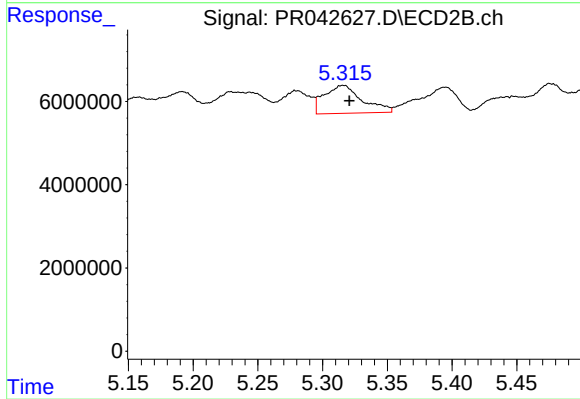
#5 AR-1016-3

R.T.: 5.316 min
Delta R.T.: 0.035 min
Response: 13669404
Conc: 42.11 ng/ml



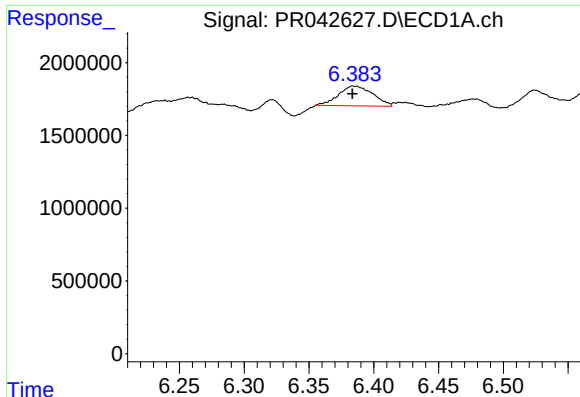
#6 AR-1016-4

R.T.: 6.075 min
Delta R.T.: -0.014 min
Response: 2381613
Conc: 22.01 ng/ml



#6 AR-1016-4

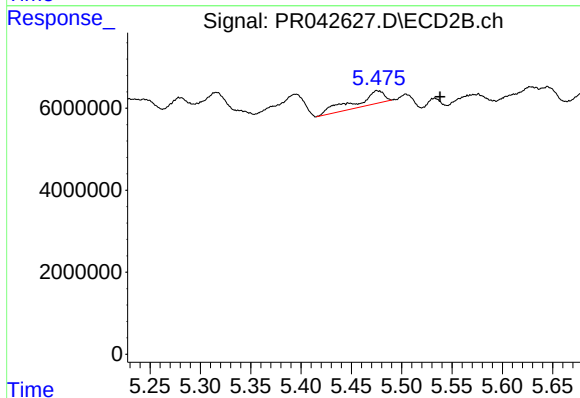
R.T.: 5.316 min
Delta R.T.: -0.005 min
Response: 13669404
Conc: 52.34 ng/ml



#7 AR-1016-5

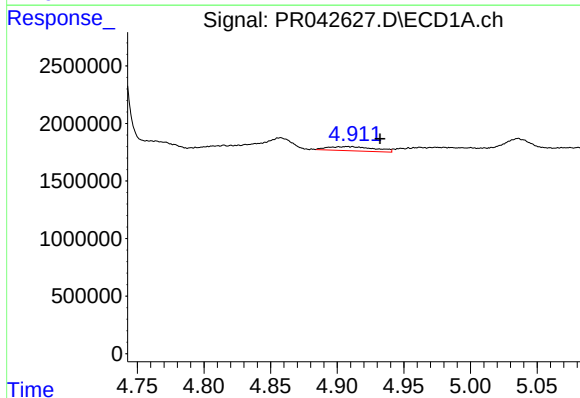
R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 2506647
Conc: 23.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



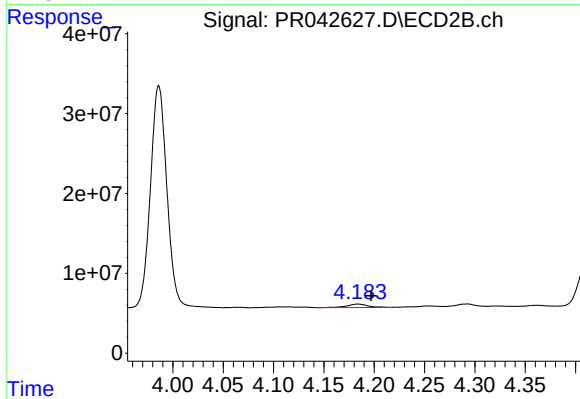
#7 AR-1016-5

R.T.: 5.476 min
Delta R.T.: -0.062 min
Response: 6605645
Conc: 22.29 ng/ml



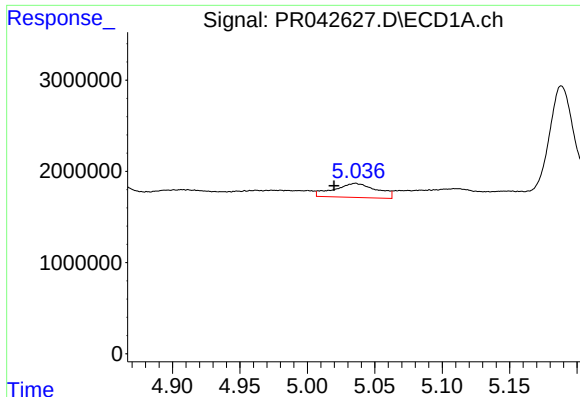
#8 AR-1221-1

R.T.: 4.907 min
Delta R.T.: -0.025 min
Response: 877061
Conc: 20.01 ng/ml



#8 AR-1221-1

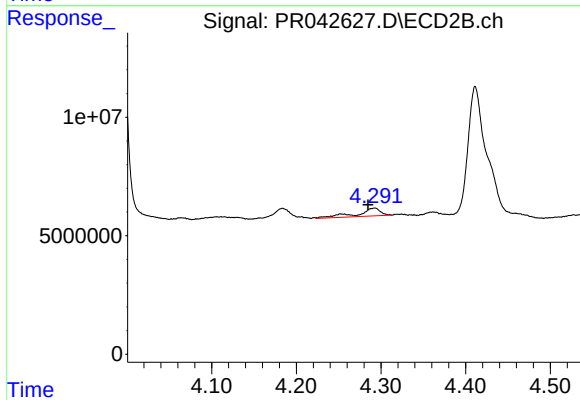
R.T.: 4.184 min
Delta R.T.: -0.013 min
Response: 6294292
Conc: 37.05 ng/ml



#9 AR-1221-2

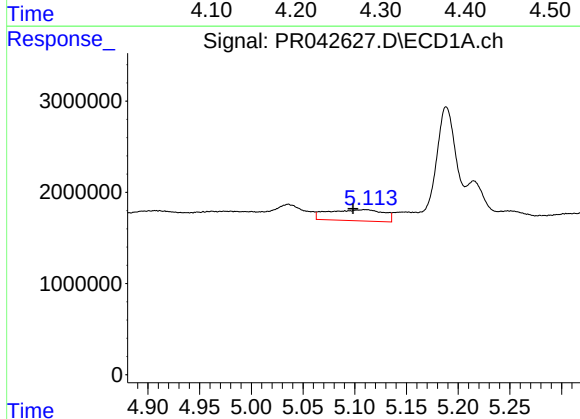
R.T.: 5.036 min
Delta R.T.: 0.016 min
Response: 3415711
Conc: 102.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



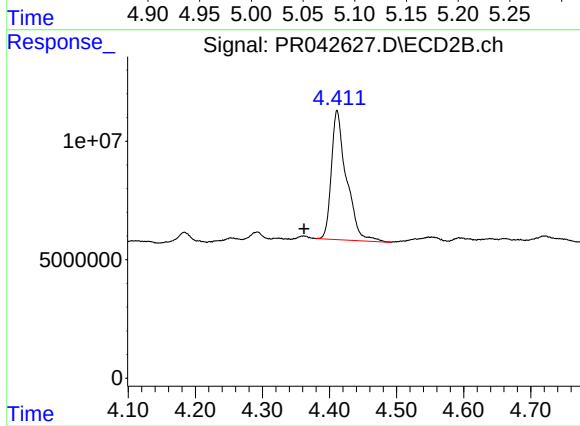
#9 AR-1221-2

R.T.: 4.293 min
Delta R.T.: 0.008 min
Response: 6267065
Conc: 49.57 ng/ml



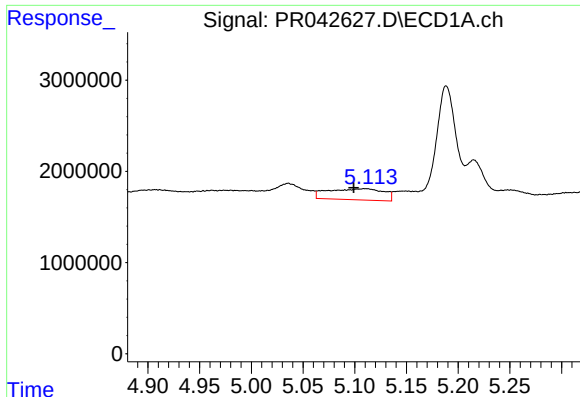
#10 AR-1221-3

R.T.: 5.110 min
Delta R.T.: 0.012 min
Response: 4562297
Conc: 42.54 ng/ml



#10 AR-1221-3

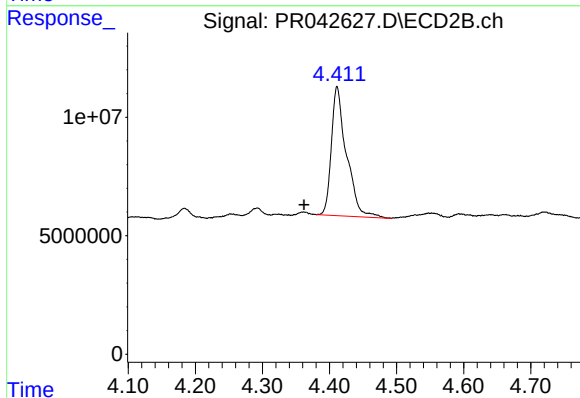
R.T.: 4.411 min
Delta R.T.: 0.049 min
Response: 85119998
Conc: 211.48 ng/ml



#11 AR-1232-1

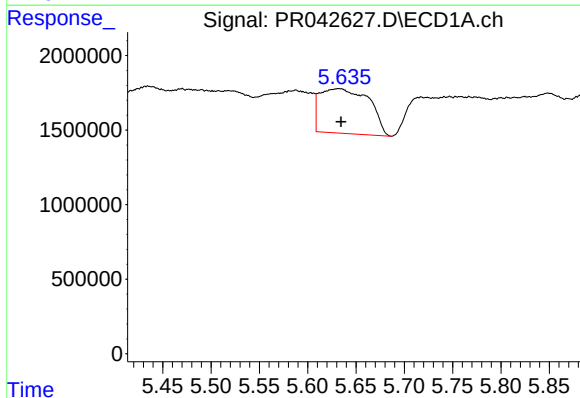
R.T.: 5.110 min
Delta R.T.: 0.011 min
Response: 4562297
Conc: 29.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



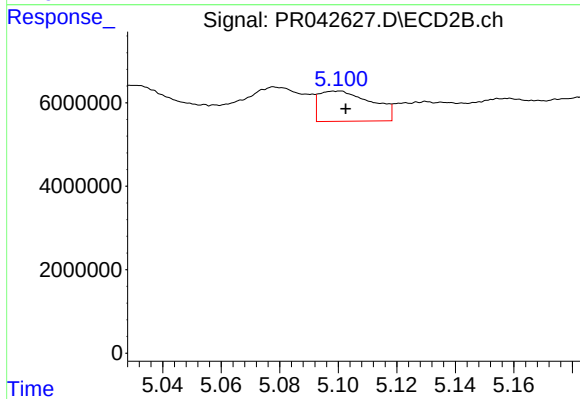
#11 AR-1232-1

R.T.: 4.411 min
Delta R.T.: 0.049 min
Response: 85119998
Conc: 146.57 ng/ml



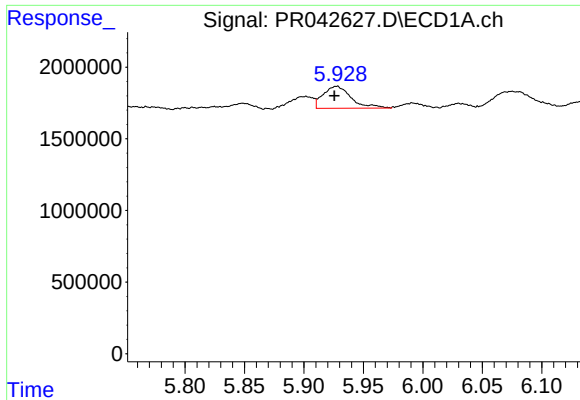
#12 AR-1232-2

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 10589626
Conc: 134.39 ng/ml



#12 AR-1232-2

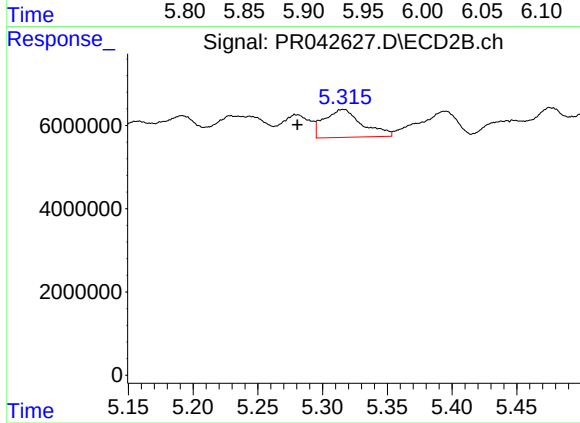
R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 9090807
Conc: 16.15 ng/ml



#13 AR-1232-3

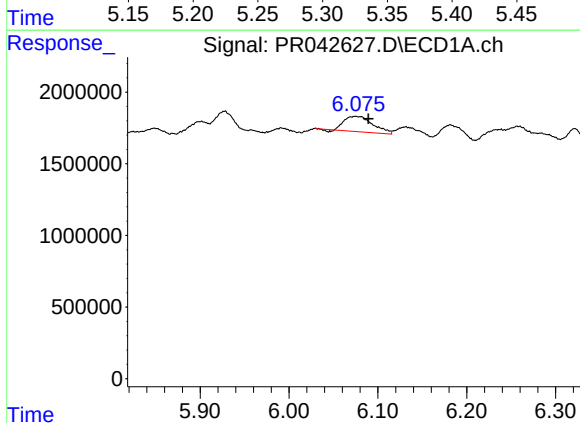
R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 2522375
Conc: 15.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



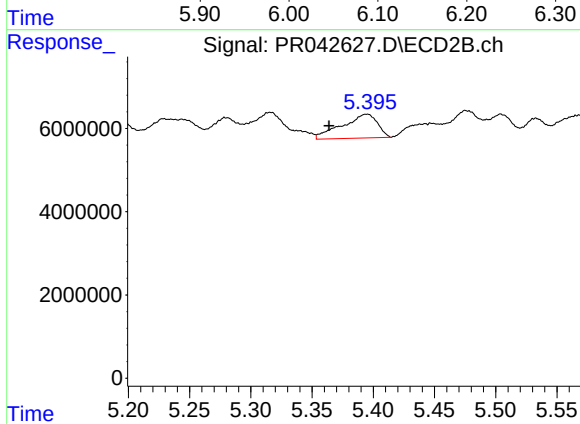
#13 AR-1232-3

R.T.: 5.316 min
Delta R.T.: 0.035 min
Response: 13669404
Conc: 54.04 ng/ml



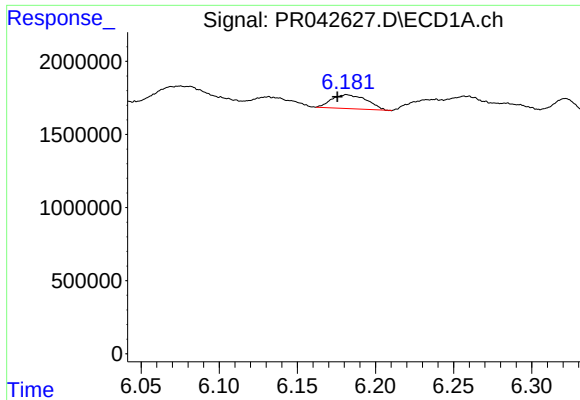
#14 AR-1232-4

R.T.: 6.075 min
Delta R.T.: -0.014 min
Response: 2381613
Conc: 29.06 ng/ml



#14 AR-1232-4

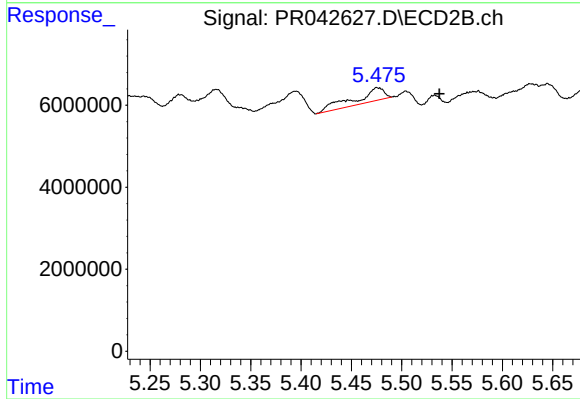
R.T.: 5.395 min
Delta R.T.: 0.031 min
Response: 11435094
Conc: 54.27 ng/ml



#15 AR-1232-5

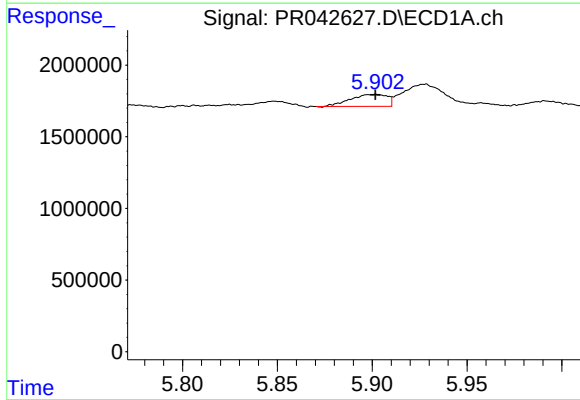
R.T.: 6.182 min
Delta R.T.: 0.006 min
Response: 1492029
Conc: 24.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



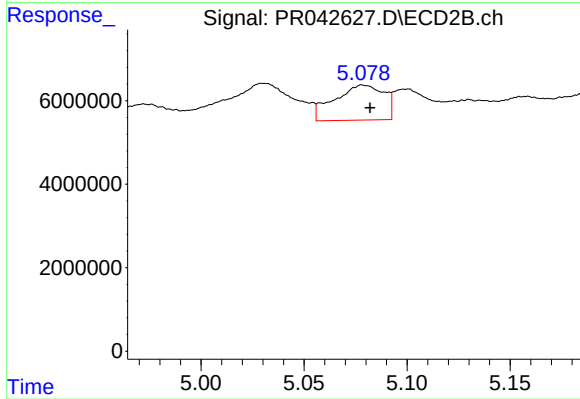
#15 AR-1232-5

R.T.: 5.476 min
Delta R.T.: -0.062 min
Response: 6605645
Conc: 31.49 ng/ml



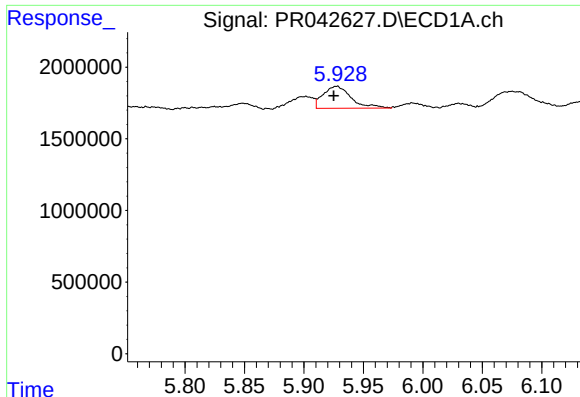
#16 AR-1242-1

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 1128283
Conc: 9.62 ng/ml



#16 AR-1242-1

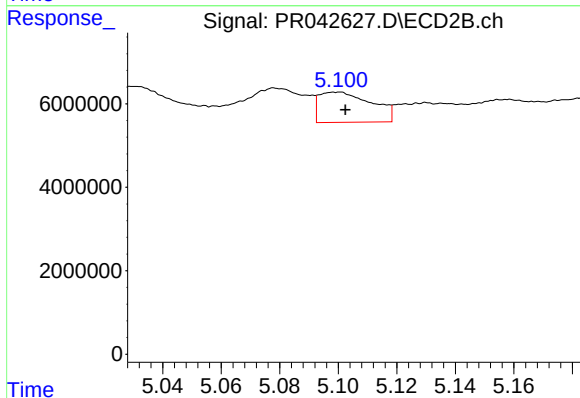
R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 14014839
Conc: 34.03 ng/ml



#17 AR-1242-2

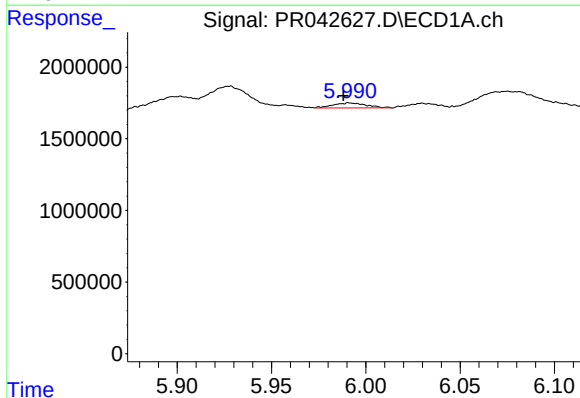
R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 2522375
Conc: 14.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



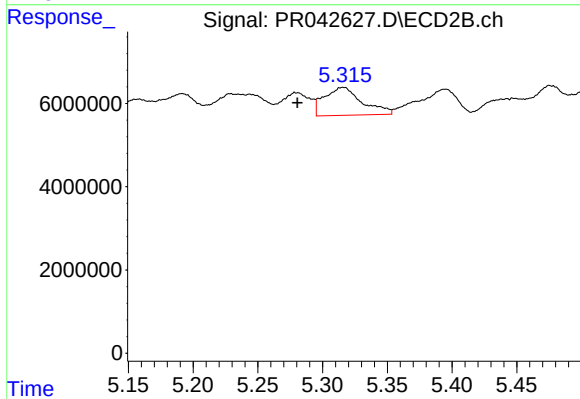
#17 AR-1242-2

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 9090807
Conc: 16.33 ng/ml



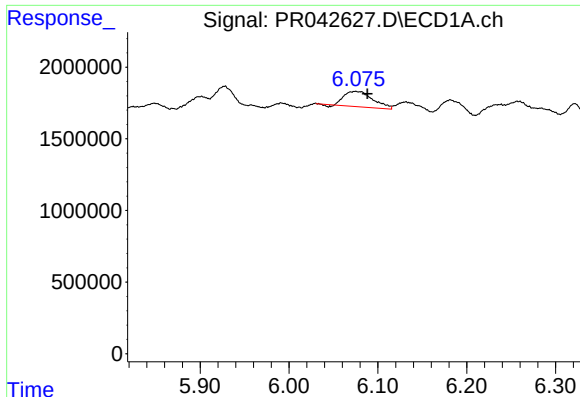
#18 AR-1242-3

R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 426920
Conc: 4.25 ng/ml



#18 AR-1242-3

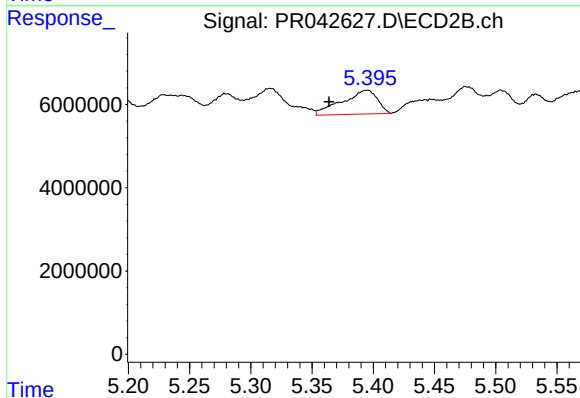
R.T.: 5.316 min
Delta R.T.: 0.035 min
Response: 13669404
Conc: 51.73 ng/ml



#19 AR-1242-4

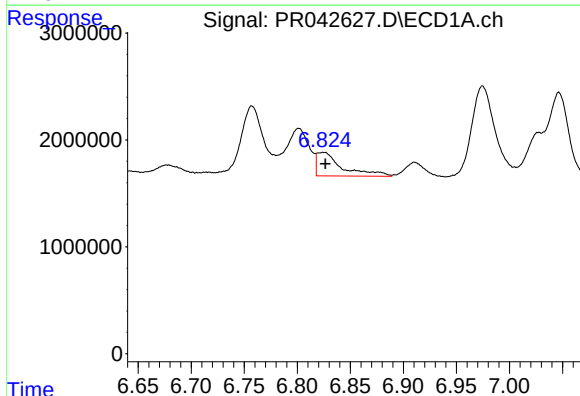
R.T.: 6.075 min
Delta R.T.: -0.013 min
Response: 2381613
Conc: 28.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



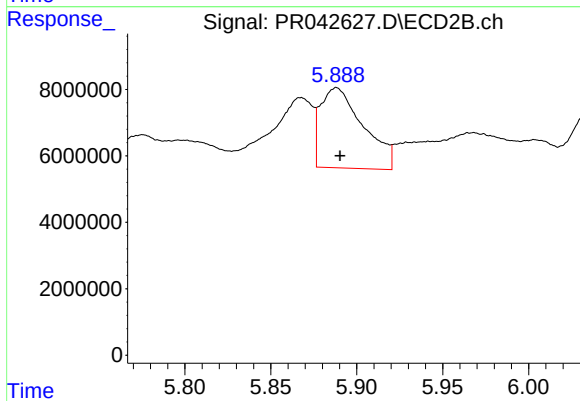
#19 AR-1242-4

R.T.: 5.395 min
Delta R.T.: 0.031 min
Response: 11435094
Conc: 47.41 ng/ml



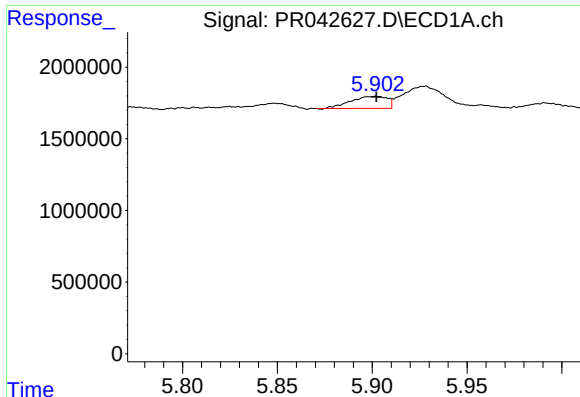
#20 AR-1242-5

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 3677782
Conc: 38.38 ng/ml



#20 AR-1242-5

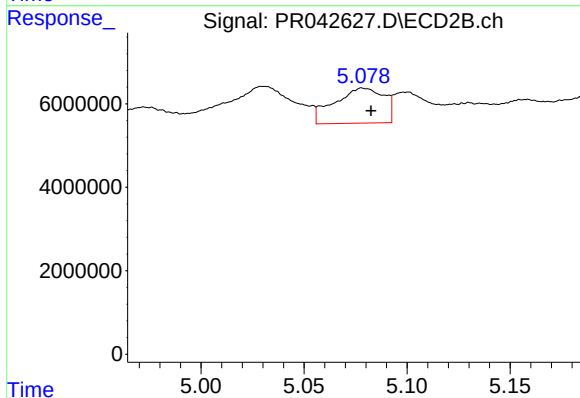
R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 41918011
Conc: 157.59 ng/ml



#21 AR-1248-1

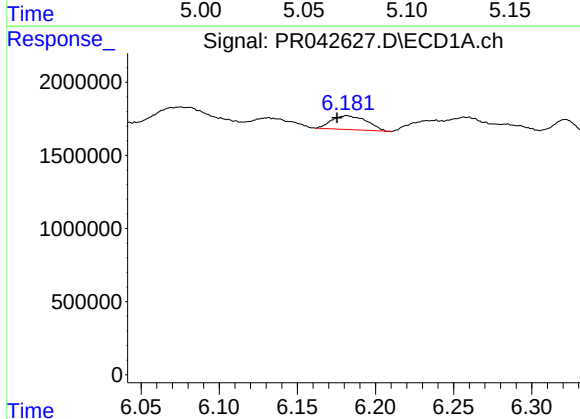
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 1128283
Conc: 12.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



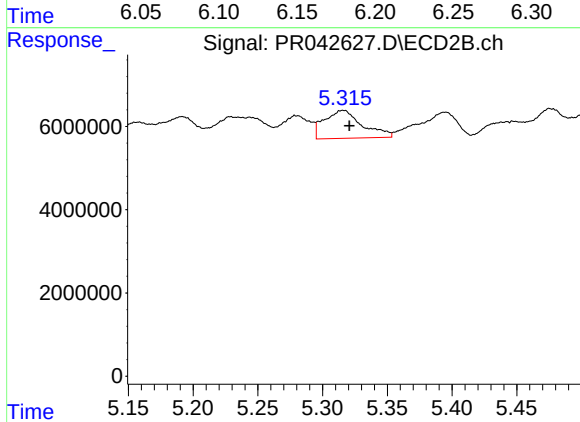
#21 AR-1248-1

R.T.: 5.079 min
Delta R.T.: -0.004 min
Response: 14014839
Conc: 42.56 ng/ml



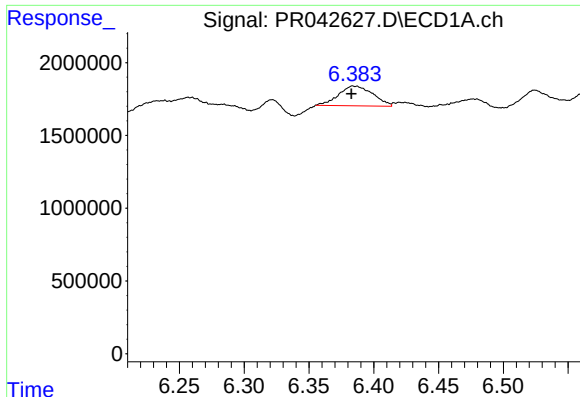
#22 AR-1248-2

R.T.: 6.182 min
Delta R.T.: 0.006 min
Response: 1492029
Conc: 11.67 ng/ml



#22 AR-1248-2

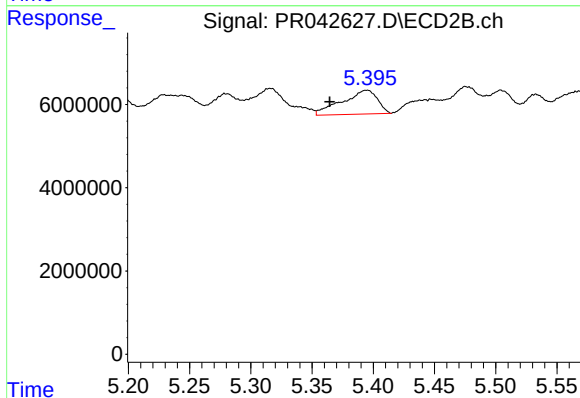
R.T.: 5.316 min
Delta R.T.: -0.005 min
Response: 13669404
Conc: 38.99 ng/ml



#23 AR-1248-3

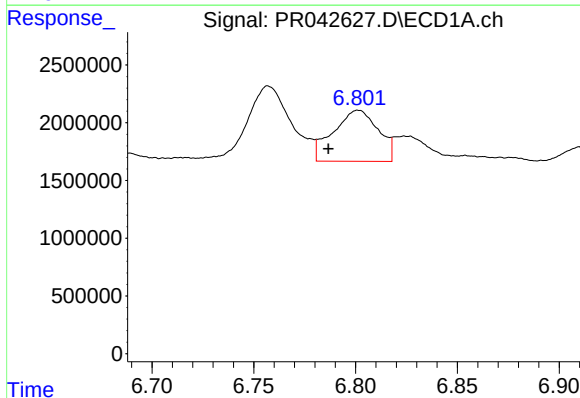
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 2506647
Conc: 17.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



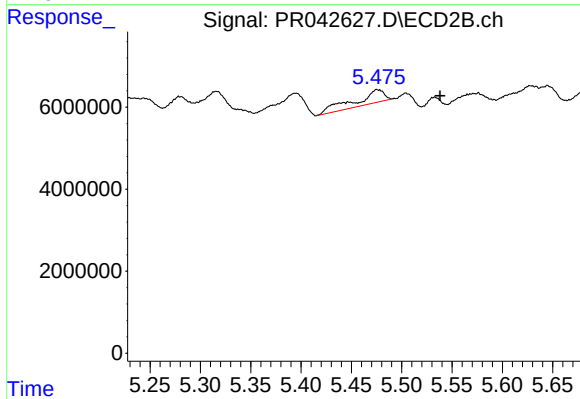
#23 AR-1248-3

R.T.: 5.395 min
Delta R.T.: 0.030 min
Response: 11435094
Conc: 32.57 ng/ml



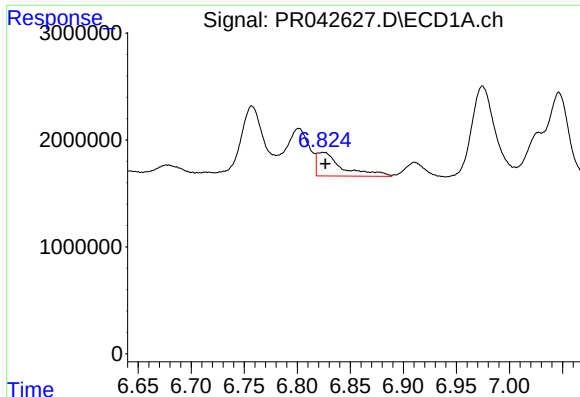
#24 AR-1248-4

R.T.: 6.801 min
Delta R.T.: 0.015 min
Response: 6806111
Conc: 40.00 ng/ml



#24 AR-1248-4

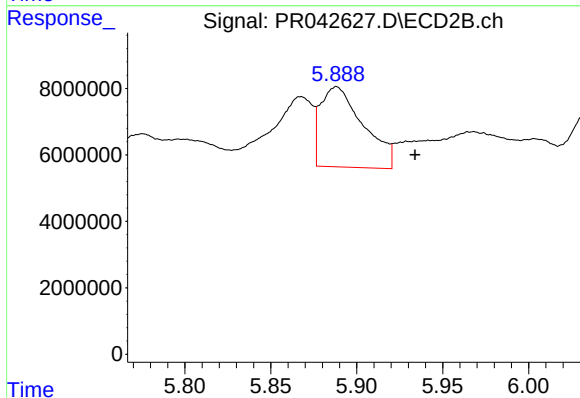
R.T.: 5.476 min
Delta R.T.: -0.062 min
Response: 6605645
Conc: 17.38 ng/ml



#25 AR-1248-5

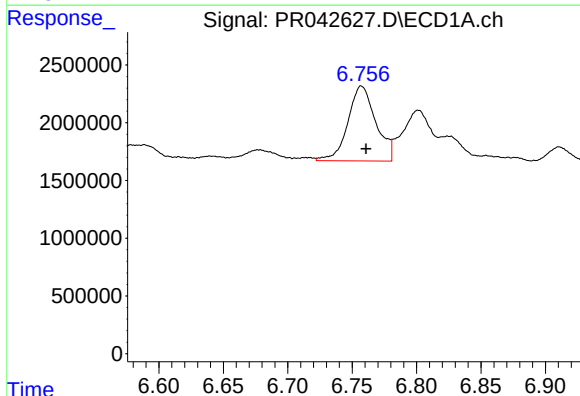
R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 3677782
Conc: 22.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



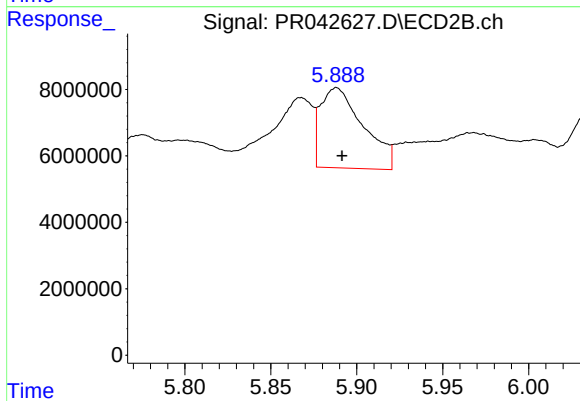
#25 AR-1248-5

R.T.: 5.888 min
Delta R.T.: -0.046 min
Response: 41918011
Conc: 112.60 ng/ml



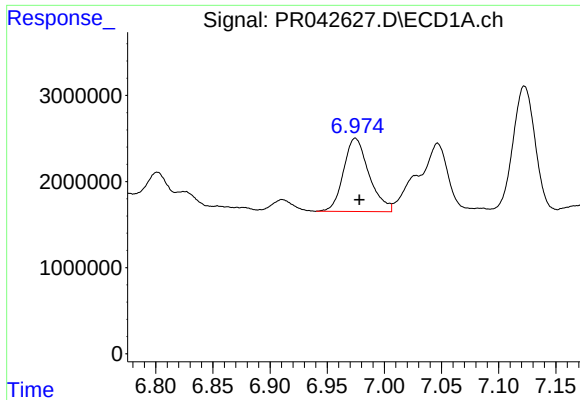
#26 AR-1254-1

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 9803779
Conc: 54.58 ng/ml



#26 AR-1254-1

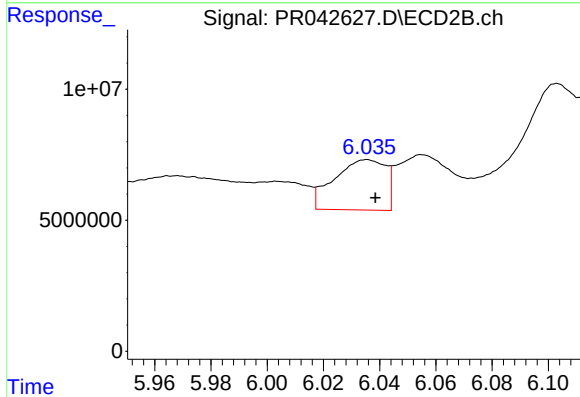
R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 41918011
Conc: 72.92 ng/ml



#27 AR-1254-2

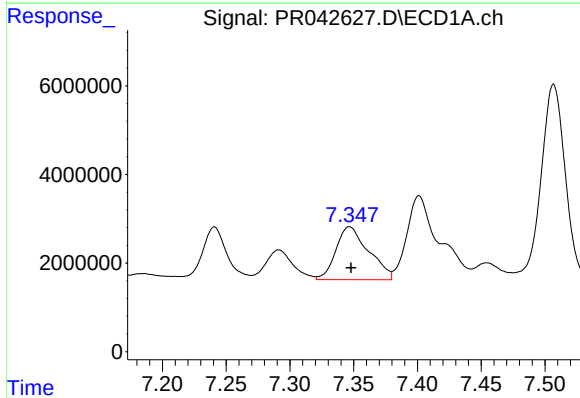
R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 13191754
Conc: 46.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



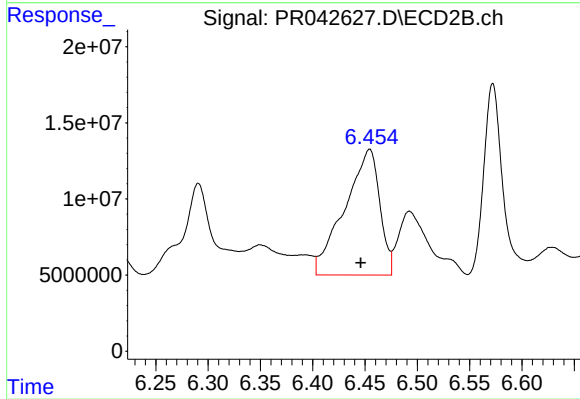
#27 AR-1254-2

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 24371217
Conc: 44.55 ng/ml



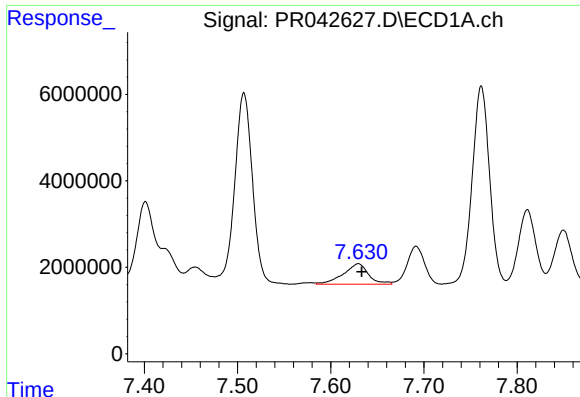
#28 AR-1254-3

R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 21389757
Conc: 69.96 ng/ml



#28 AR-1254-3

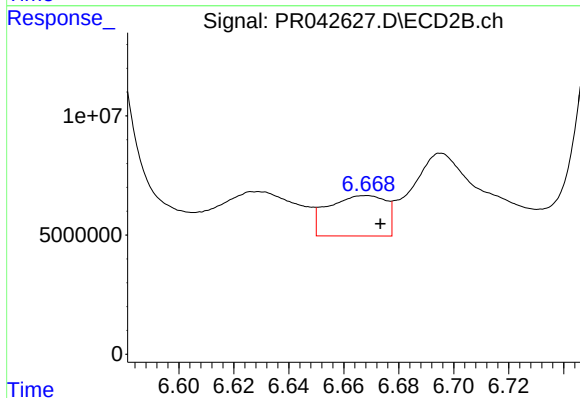
R.T.: 6.454 min
Delta R.T.: 0.009 min
Response: 192558474
Conc: 200.27 ng/ml



#29 AR-1254-4

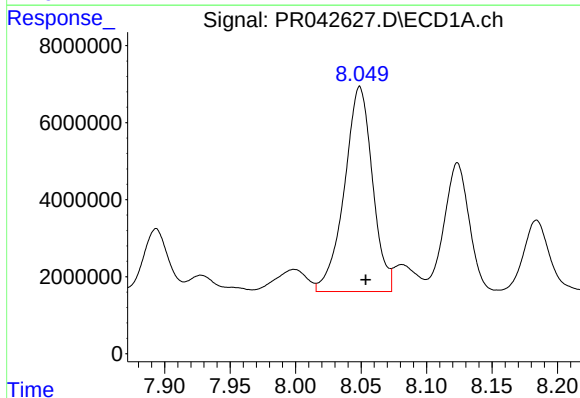
R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 8885035
Conc: 39.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



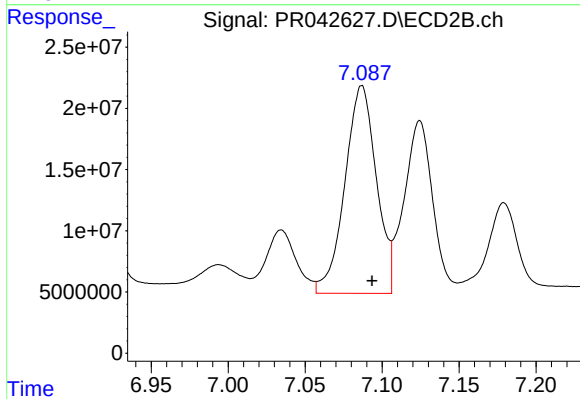
#29 AR-1254-4

R.T.: 6.668 min
Delta R.T.: -0.005 min
Response: 24556709
Conc: 37.41 ng/ml



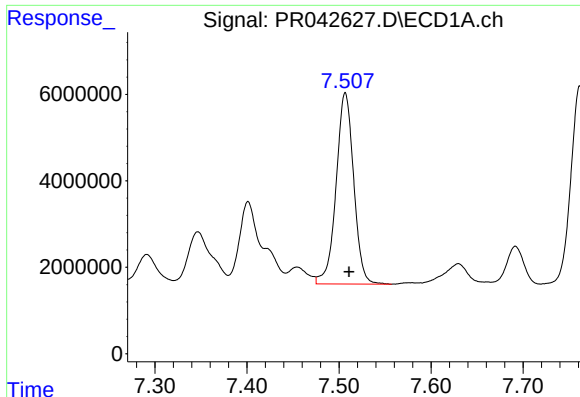
#30 AR-1254-5

R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 79533504
Conc: 342.96 ng/ml



#30 AR-1254-5

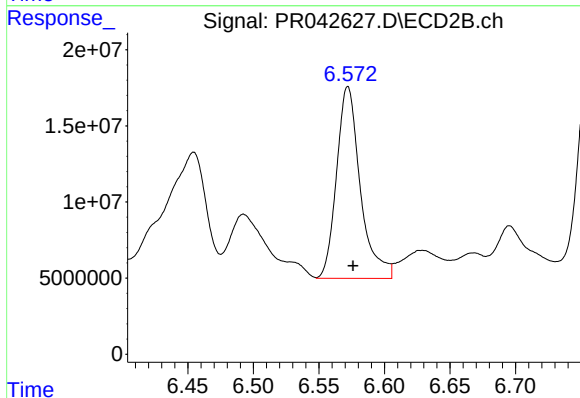
R.T.: 7.087 min
Delta R.T.: -0.007 min
Response: 241909242
Conc: 294.57 ng/ml



#31 AR-1260-1

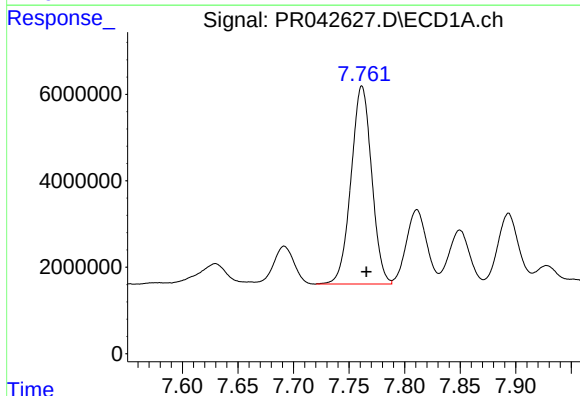
R.T.: 7.507 min
Delta R.T.: -0.004 min
Response: 58811586
Conc: 282.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



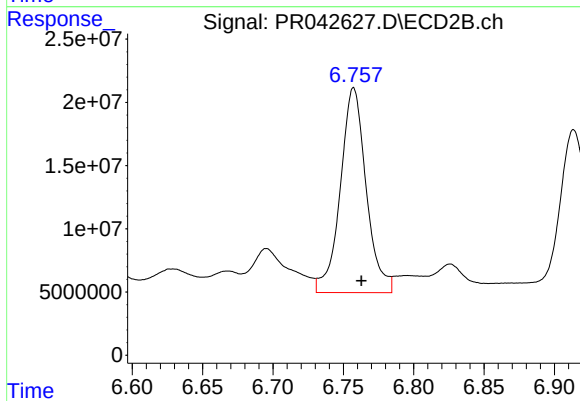
#31 AR-1260-1

R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 159047488
Conc: 274.97 ng/ml



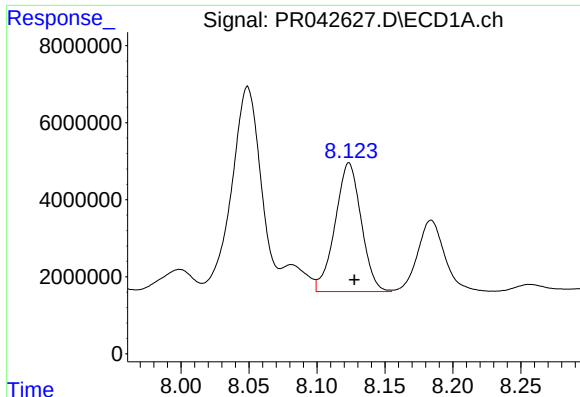
#32 AR-1260-2

R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 59247423
Conc: 241.29 ng/ml



#32 AR-1260-2

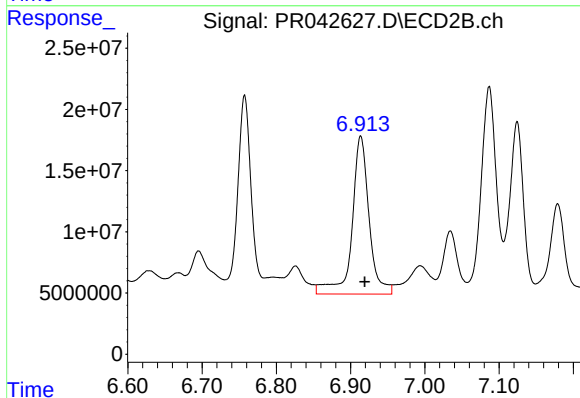
R.T.: 6.757 min
Delta R.T.: -0.006 min
Response: 207573302
Conc: 262.95 ng/ml



#33 AR-1260-3

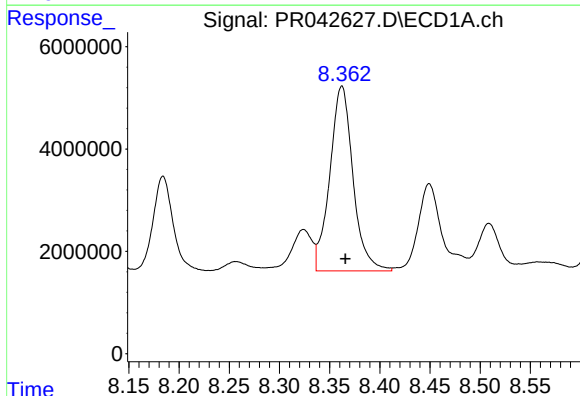
R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 44596005
Conc: 239.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



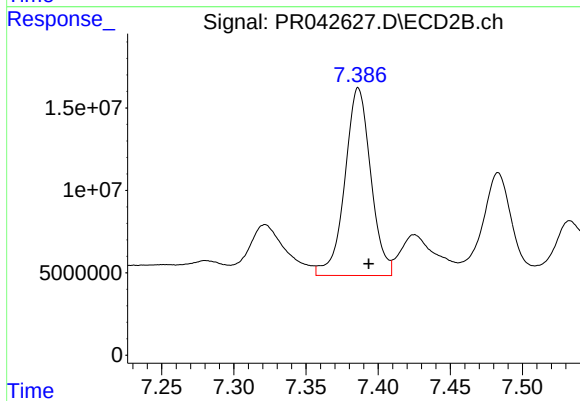
#33 AR-1260-3

R.T.: 6.914 min
Delta R.T.: -0.005 min
Response: 206603430
Conc: 303.79 ng/ml



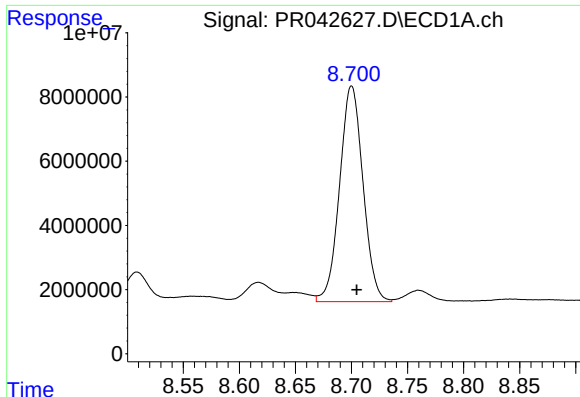
#34 AR-1260-4

R.T.: 8.362 min
Delta R.T.: -0.004 min
Response: 58110032
Conc: 275.85 ng/ml



#34 AR-1260-4

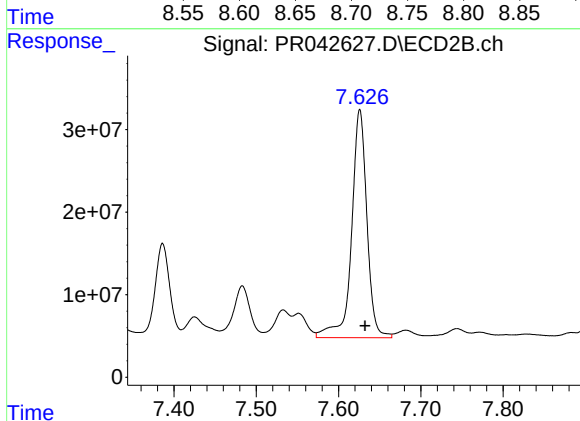
R.T.: 7.386 min
Delta R.T.: -0.007 min
Response: 142521118
Conc: 260.11 ng/ml



#35 AR-1260-5

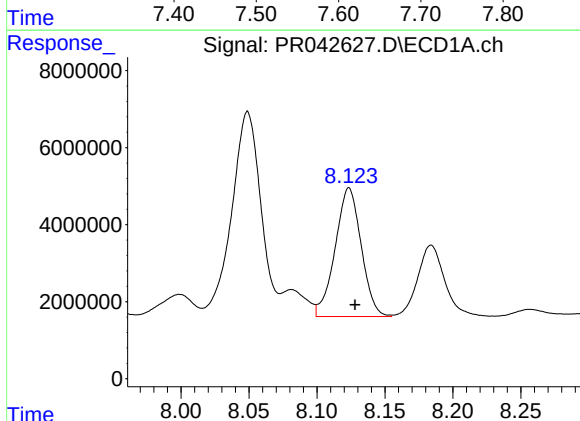
R.T.: 8.700 min
Delta R.T.: -0.005 min
Response: 97857370
Conc: 232.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



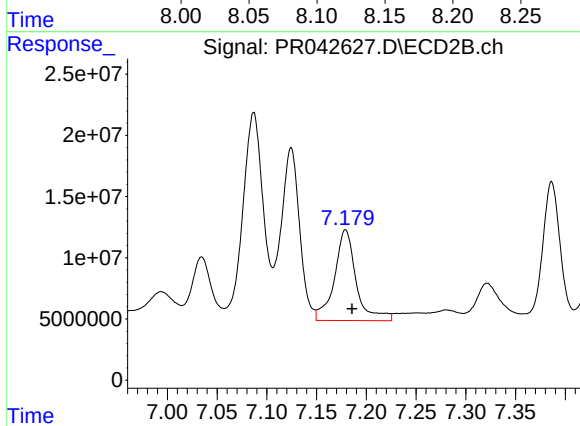
#35 AR-1260-5

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 357805387
Conc: 242.83 ng/ml



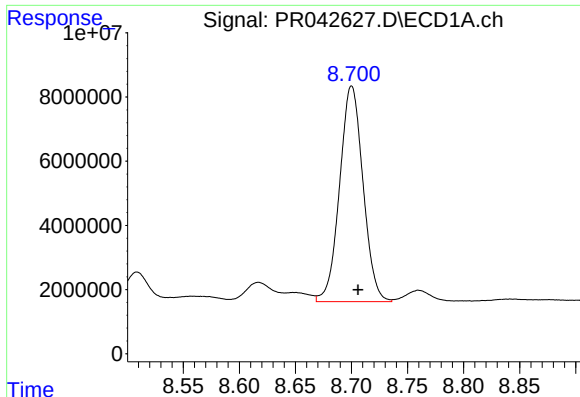
#36 AR-1262-1

R.T.: 8.124 min
Delta R.T.: -0.004 min
Response: 44596005
Conc: 152.19 ng/ml



#36 AR-1262-1

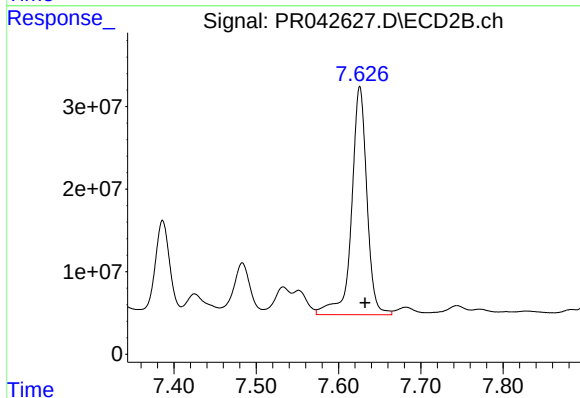
R.T.: 7.179 min
Delta R.T.: -0.006 min
Response: 112996694
Conc: 277.10 ng/ml



#37 AR-1262-2

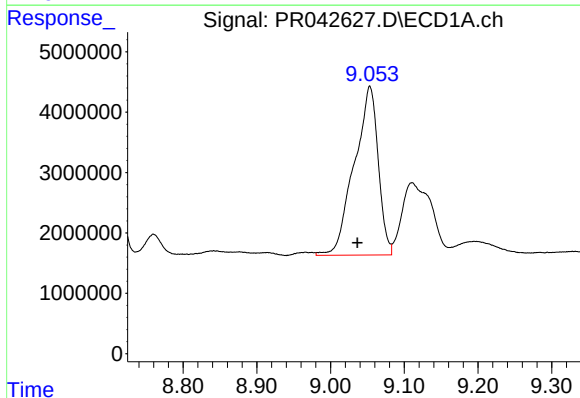
R.T.: 8.700 min
Delta R.T.: -0.006 min
Response: 97857370
Conc: 179.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



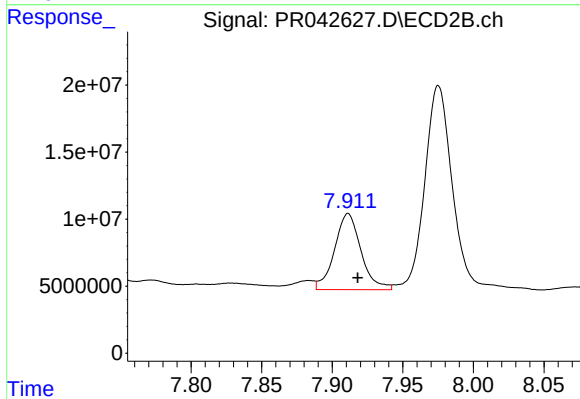
#37 AR-1262-2

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 357805387
Conc: 193.26 ng/ml



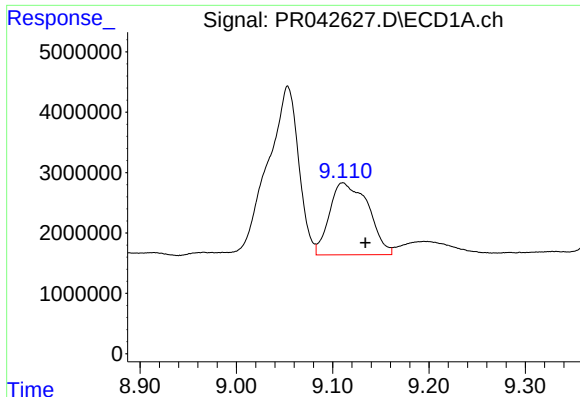
#38 AR-1262-3

R.T.: 9.053 min
Delta R.T.: 0.017 min
Response: 63013443
Conc: 183.97 ng/ml



#38 AR-1262-3

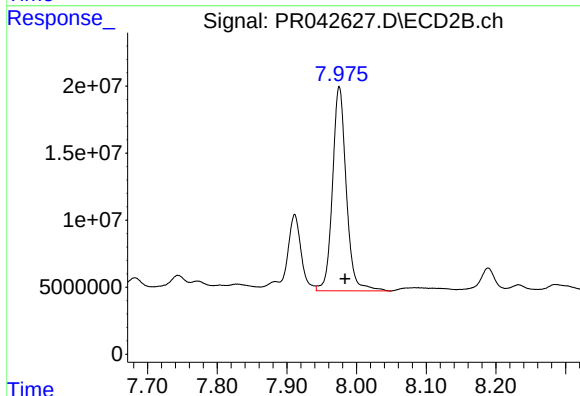
R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 74135861
Conc: 106.75 ng/ml



#39 AR-1262-4

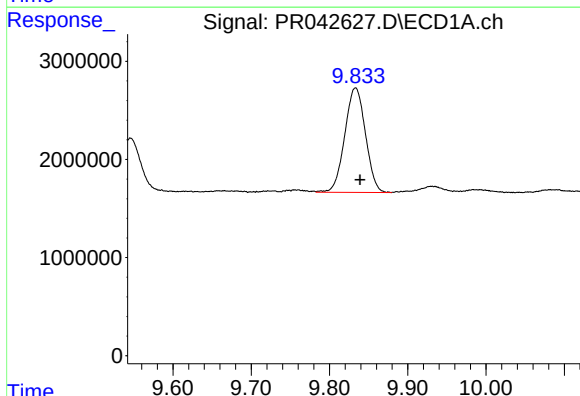
R.T.: 9.111 min
Delta R.T.: -0.023 min
Response: 33365421
Conc: 254.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



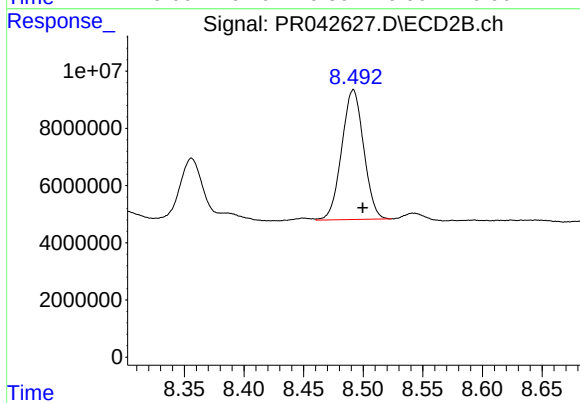
#39 AR-1262-4

R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 209402007
Conc: 171.59 ng/ml



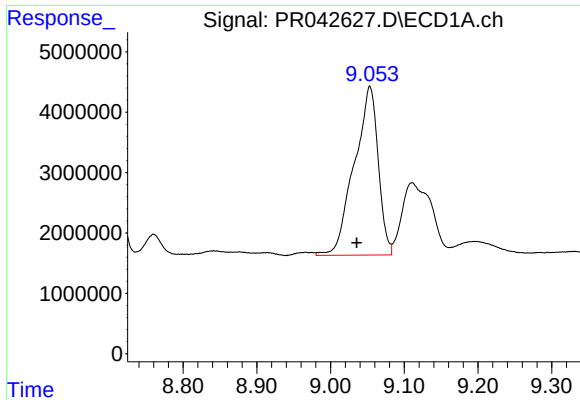
#40 AR-1262-5

R.T.: 9.833 min
Delta R.T.: -0.006 min
Response: 19585757
Conc: 120.04 ng/ml



#40 AR-1262-5

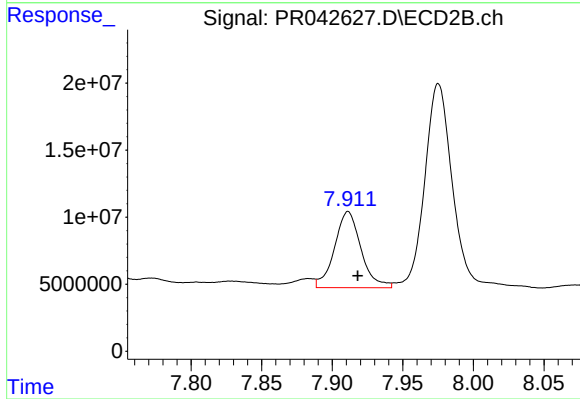
R.T.: 8.492 min
Delta R.T.: -0.008 min
Response: 58164718
Conc: 110.23 ng/ml



#41 AR-1268-1

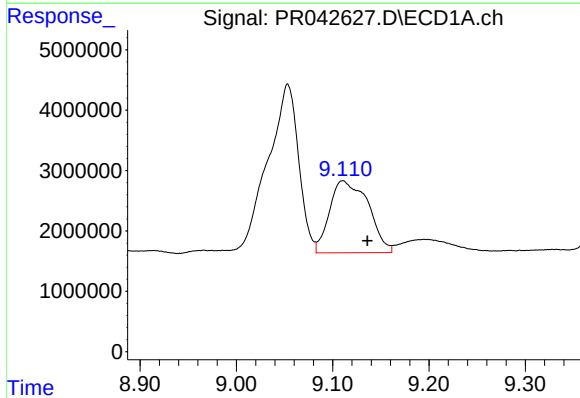
R.T.: 9.053 min
Delta R.T.: 0.018 min
Response: 63013443
Conc: 114.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



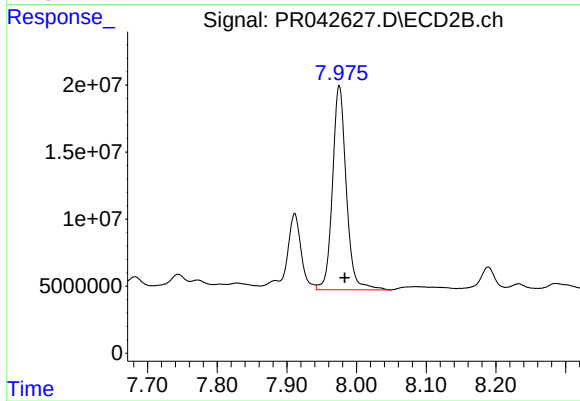
#41 AR-1268-1

R.T.: 7.911 min
Delta R.T.: -0.007 min
Response: 74135861
Conc: 39.48 ng/ml



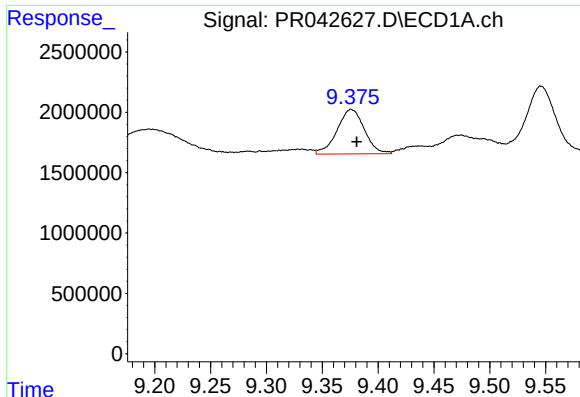
#42 AR-1268-2

R.T.: 9.111 min
Delta R.T.: -0.026 min
Response: 33365421
Conc: 68.91 ng/ml



#42 AR-1268-2

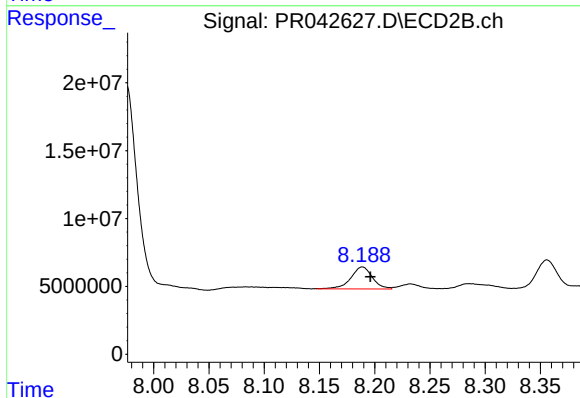
R.T.: 7.975 min
Delta R.T.: -0.008 min
Response: 209402007
Conc: 125.47 ng/ml



#43 AR-1268-3

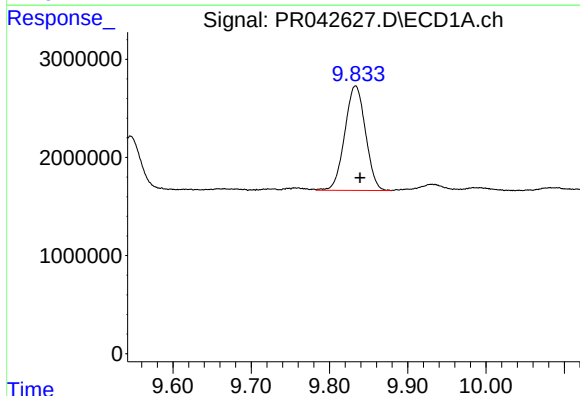
R.T.: 9.376 min
Delta R.T.: -0.005 min
Response: 6273955
Conc: 15.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



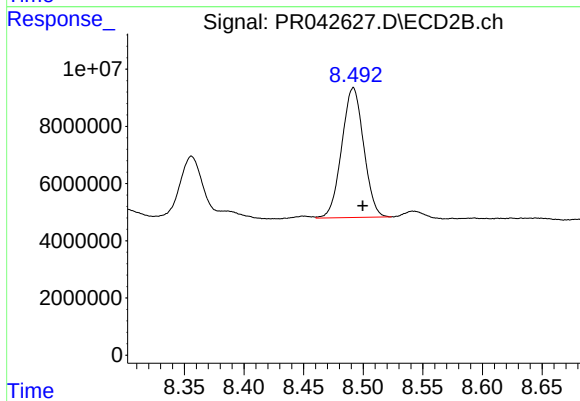
#43 AR-1268-3

R.T.: 8.189 min
Delta R.T.: -0.007 min
Response: 22117699
Conc: 15.73 ng/ml



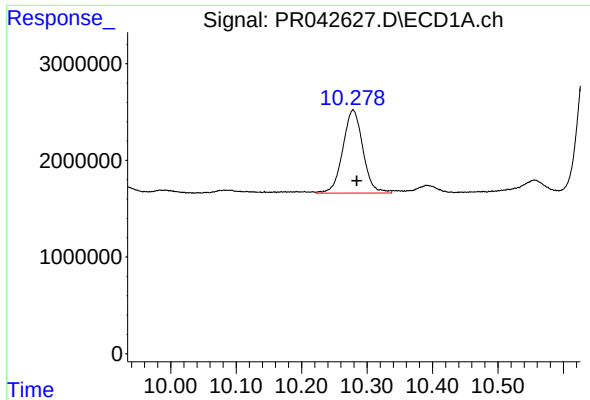
#44 AR-1268-4

R.T.: 9.833 min
Delta R.T.: -0.006 min
Response: 19585757
Conc: 117.74 ng/ml



#44 AR-1268-4

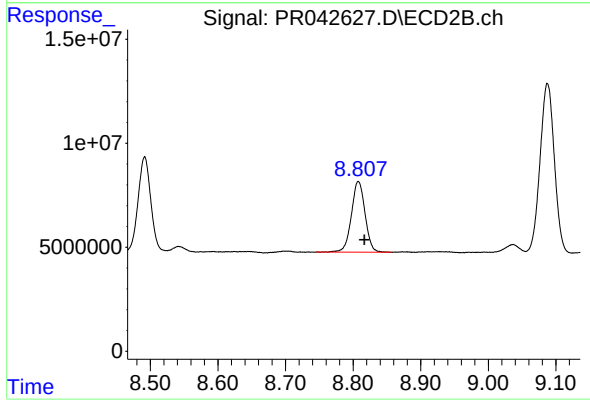
R.T.: 8.492 min
Delta R.T.: -0.008 min
Response: 58164718
Conc: 107.46 ng/ml



#45 AR-1268-5

R.T.: 10.279 min
Delta R.T.: -0.005 min
Response: 18340610
Conc: 15.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.808 min
Delta R.T.: -0.009 min
Response: 47776933
Conc: 12.51 ng/ml