

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
 Data File : PR041423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2019 22:30
 Operator : SM\AJ
 Sample : K4988-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNY8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:50:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.739	4.006	18216375	82789147	13.723	13.687
2)	SA Decachlor...	10.659	9.122	55849271	162.9E6	17.497	15.096
Target Compounds							
3)	L1 AR-1016-1	5.936	5.104	3725827	7518341	58.264	51.024
4)	L1 AR-1016-2	5.936	5.124	3725827	7124471	40.915	34.605
5)	L1 AR-1016-3	5.936f	5.303	3725827	2160965	67.896	18.261 #
6)	L1 AR-1016-4	6.099	5.341	1140156	10919399	23.771	112.090 #
7)	L1 AR-1016-5	6.393	5.558	4496753	9908445	90.895	71.272
8)	L2 AR-1221-1	0.000	4.152f	0	432377	N.D.	7.544 #
9)	L2 AR-1221-2	0.000	4.311	0	1170712	N.D.	33.570 #
12)	L3 AR-1232-2	0.000	5.124	0	7124471	N.D.	73.256 #
13)	L3 AR-1232-3	5.936	5.303	3725827	2160965	98.275	48.125 #
14)	L3 AR-1232-4	6.099	5.384	1140156	12090549	61.791	288.651 #
15)	L3 AR-1232-5	6.186	5.558	4103851	9908445	297.000	185.225 #
16)	L4 AR-1242-1	5.936	5.104	3725827	7518341	72.436	67.049
17)	L4 AR-1242-2	5.936	5.124	3725827	7124471	51.119	44.559
18)	L4 AR-1242-3	5.936f	5.303	3725827	2160965	84.262	23.824 #
19)	L4 AR-1242-4	6.099	5.384	1140156	12090549	31.080	128.479 #
20)	L4 AR-1242-5	6.835	5.911	20429875	49715044	398.568	293.066 #
21)	L5 AR-1248-1	5.936	5.104	3725827	7518341	101.505	89.198
22)	L5 AR-1248-2	6.186	5.341	4103851	10919399	74.504	89.776
23)	L5 AR-1248-3	6.393	5.384	4496753	12090549	70.032	95.367 #
24)	L5 AR-1248-4	6.796	5.558	11902305	9908445	139.464	59.033 #
25)	L5 AR-1248-5	6.835	5.953	20429875	57746893	250.721	265.220
26)	L6 AR-1254-1	6.768	5.911	8733763	49715044	104.952	153.300 #
27)	L6 AR-1254-2	6.989	6.059	22262971	41959273	158.439	137.345
28)	L6 AR-1254-3	7.355	6.466	18558870	92463539	109.532	165.243 #
29)	L6 AR-1254-4	7.639	6.692	18548071	79004656	136.640	185.128 #
30)	L6 AR-1254-5	8.058	7.112	13941746	46980565	90.667	81.208
31)	L7 AR-1260-1	7.517	6.599	5813552	33125350	49.093	85.049 #
32)	L7 AR-1260-2	7.770	6.781	8582906	33113944	58.161	61.426
33)	L7 AR-1260-3	8.130	6.938	3136506	23687376	27.046	50.710 #
34)	L7 AR-1260-4	8.364	7.415	8881211	14029565	62.204	33.103 #
35)	L7 AR-1260-5	8.710	7.650	8715311	38285823	28.288	31.431
36)	L8 AR-1262-1	8.194	7.112	1408877	46980565	18.292	140.364 #
37)	L8 AR-1262-2	8.710	7.650	8715311	38285823	22.987	27.724
38)	L8 AR-1262-3	9.064	7.937	5198934	7160373	19.718	12.519 #
39)	L8 AR-1262-4	9.121	8.001	1130817	15812567	5.727	15.604 #
40)	L8 AR-1262-5	9.848	8.517	2511986	9828934	16.043	17.558
41)	L9 AR-1268-1	9.064	7.937	5198934	7160373	10.811	4.231 #
42)	L9 AR-1268-2	9.121	8.001	1130817	15812567	2.557	10.108 #
43)	L9 AR-1268-3	0.000	8.219	0	2136773	N.D.	1.615 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:50:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.848	8.517	2511986	9828934	14.348	16.377
45) L9	AR-1268-5	10.294	8.836	1643800	1800541	1.162	0.408 #

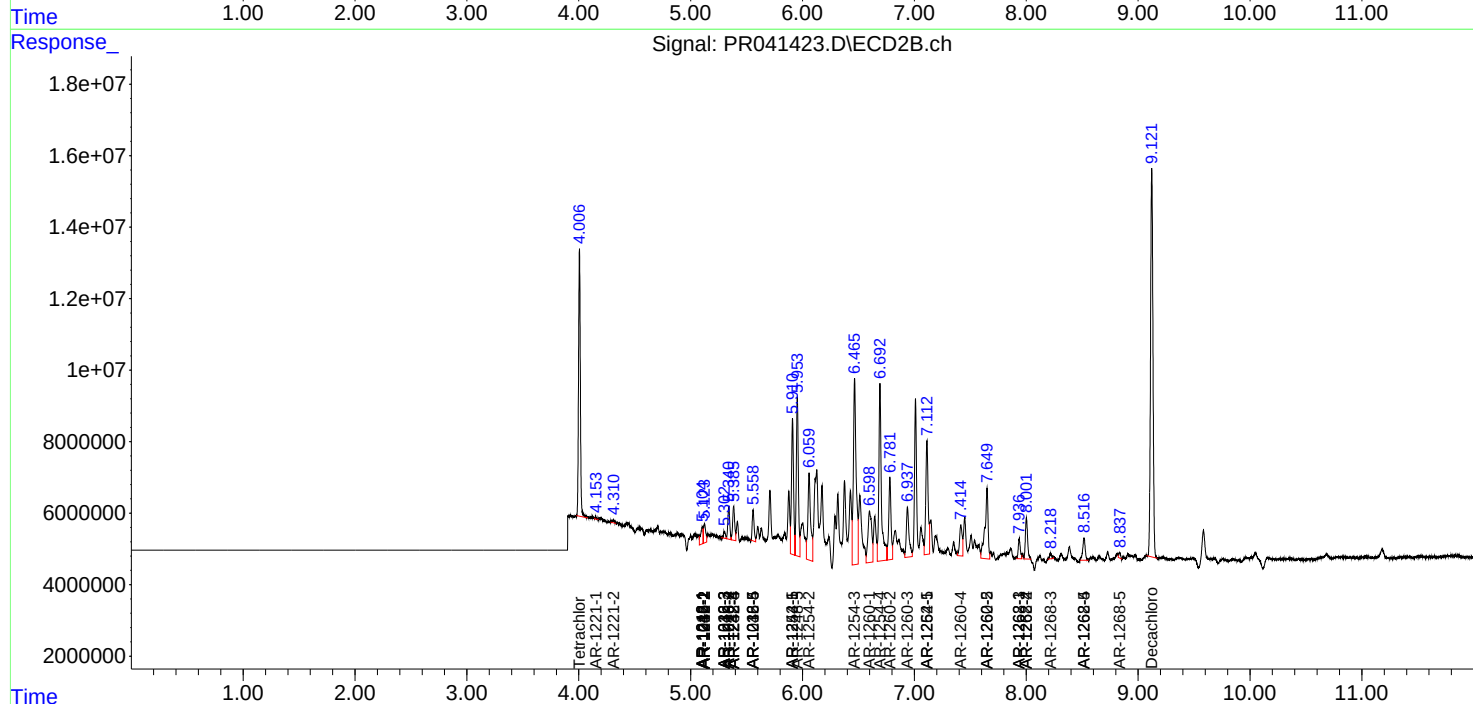
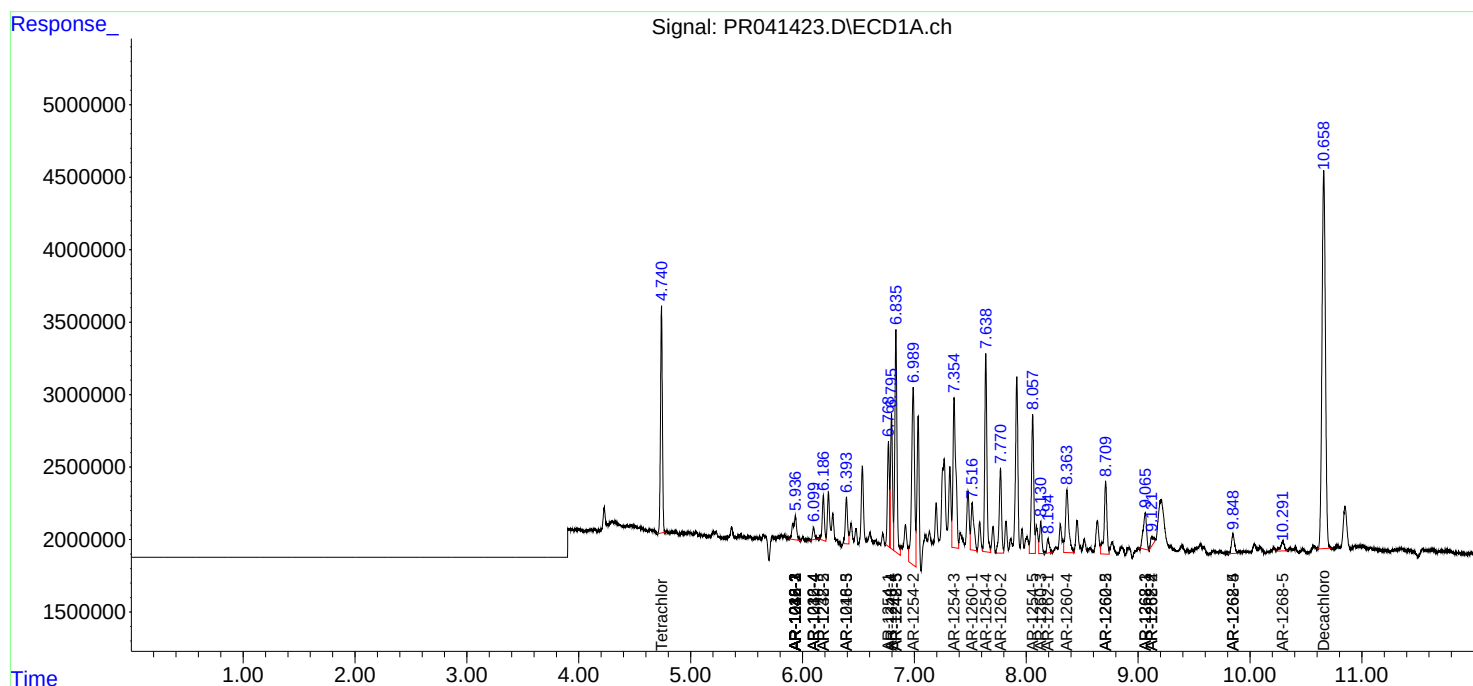
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

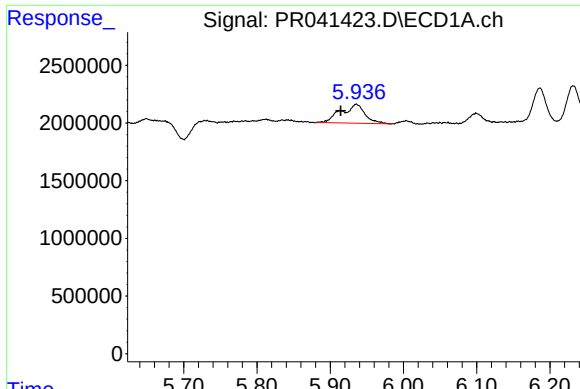
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

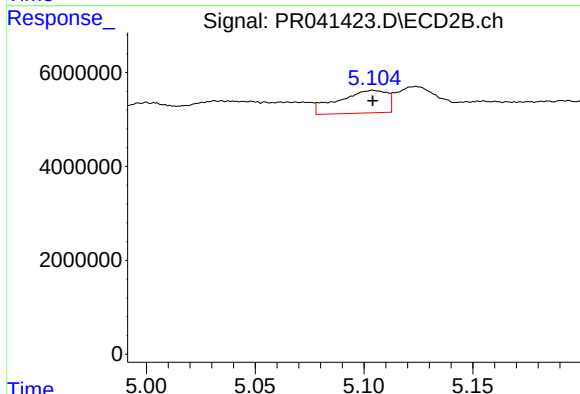




#3 AR-1016-1

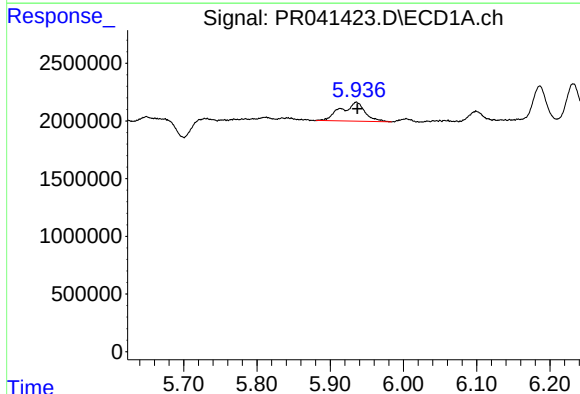
R.T.: 5.936 min
Delta R.T.: 0.022 min
Response: 3725827
Conc: 58.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



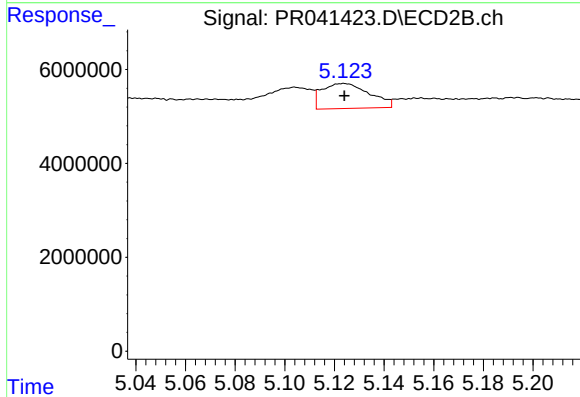
#3 AR-1016-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 7518341
Conc: 51.02 ng/ml



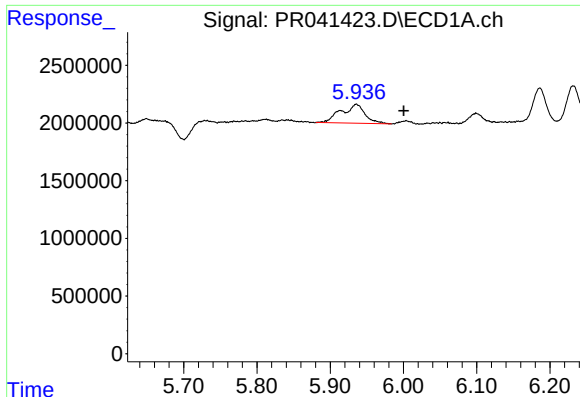
#4 AR-1016-2

R.T.: 5.936 min
Delta R.T.: -0.001 min
Response: 3725827
Conc: 40.92 ng/ml



#4 AR-1016-2

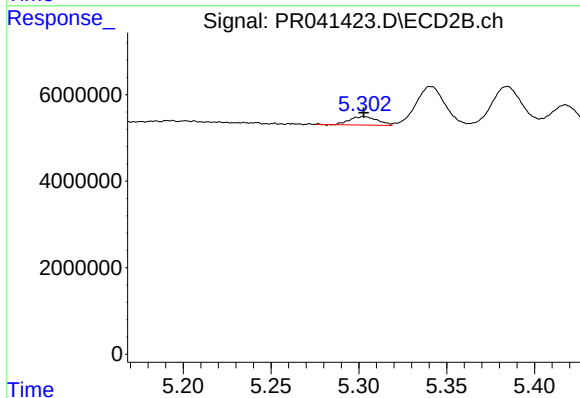
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 7124471
Conc: 34.60 ng/ml



#5 AR-1016-3

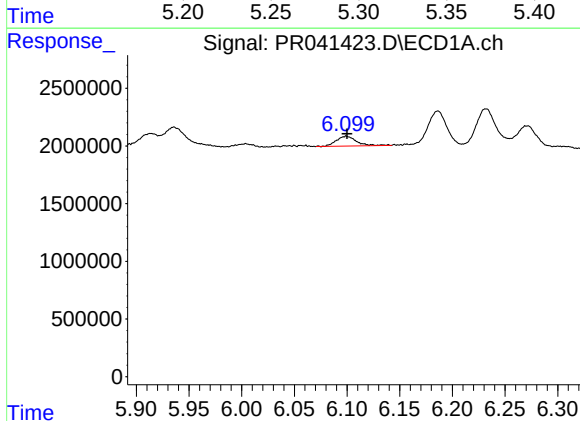
R.T.: 5.936 min
Delta R.T.: -0.064 min
Response: 3725827
Conc: 67.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



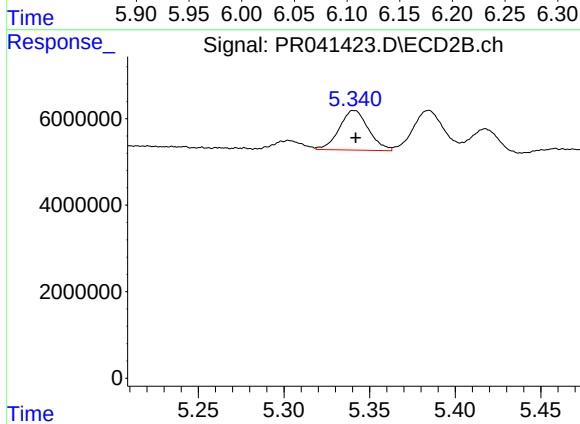
#5 AR-1016-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 2160965
Conc: 18.26 ng/ml



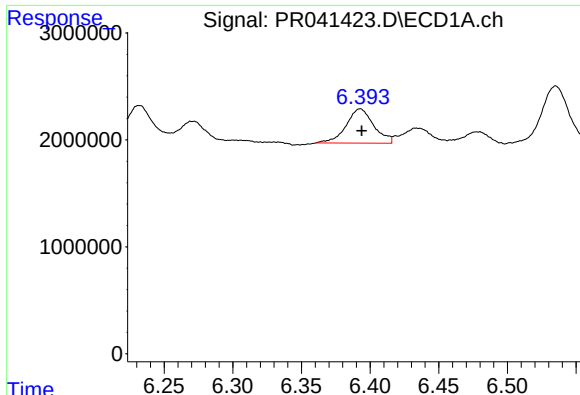
#6 AR-1016-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 1140156
Conc: 23.77 ng/ml



#6 AR-1016-4

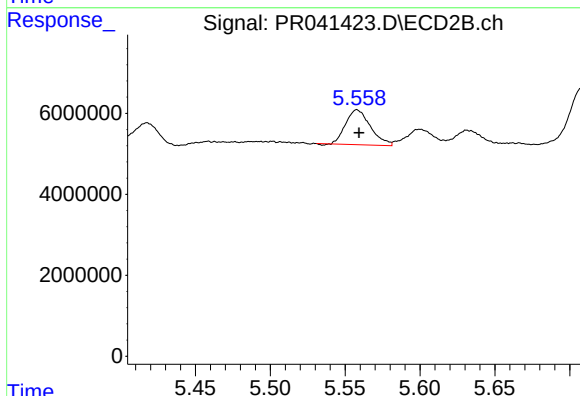
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 10919399
Conc: 112.09 ng/ml



#7 AR-1016-5

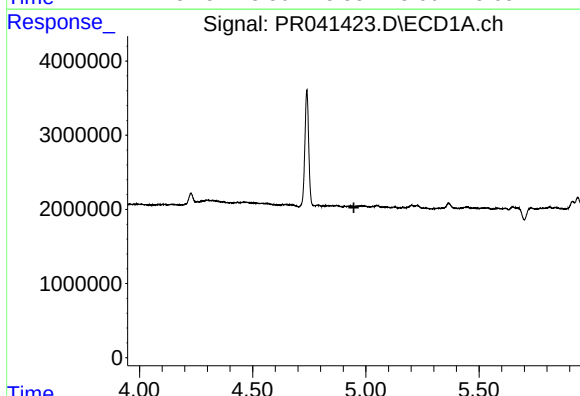
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 4496753
Conc: 90.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



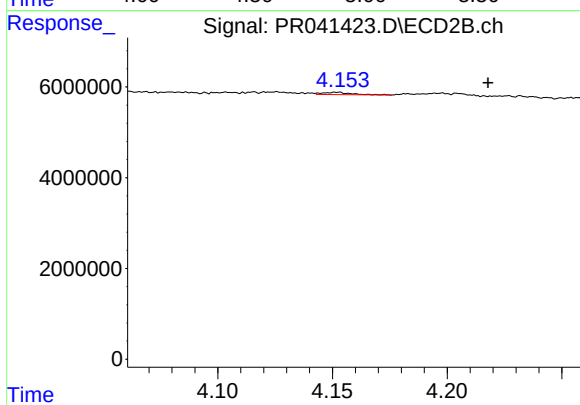
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 9908445
Conc: 71.27 ng/ml



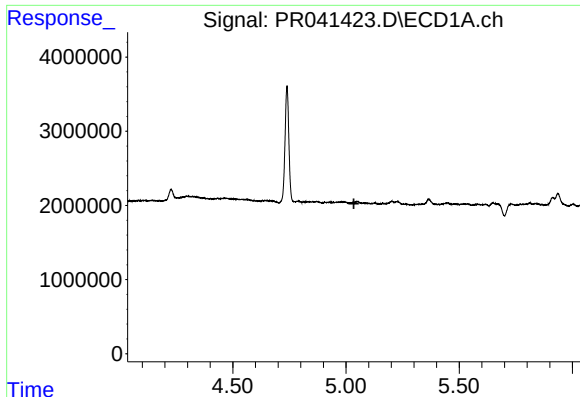
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#8 AR-1221-1

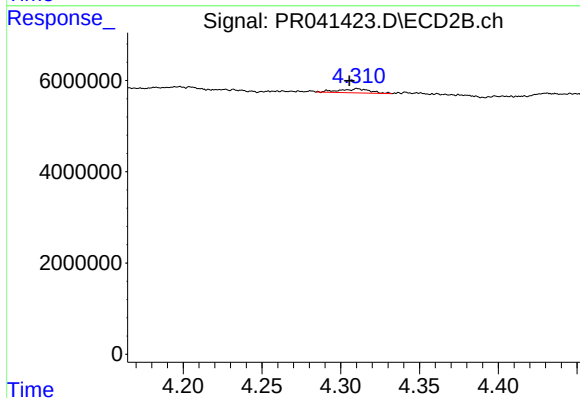
R.T.: 4.152 min
Delta R.T.: -0.066 min
Response: 432377
Conc: 7.54 ng/ml



#9 AR-1221-2

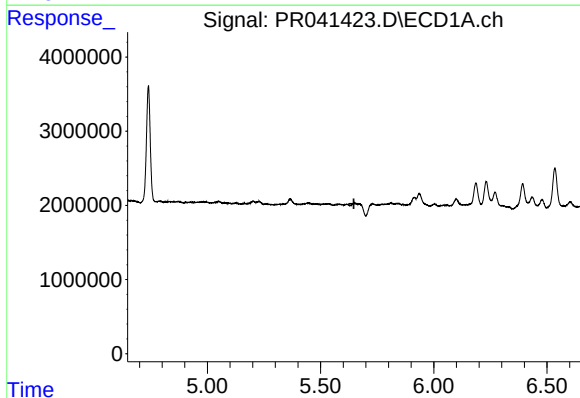
R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNY8



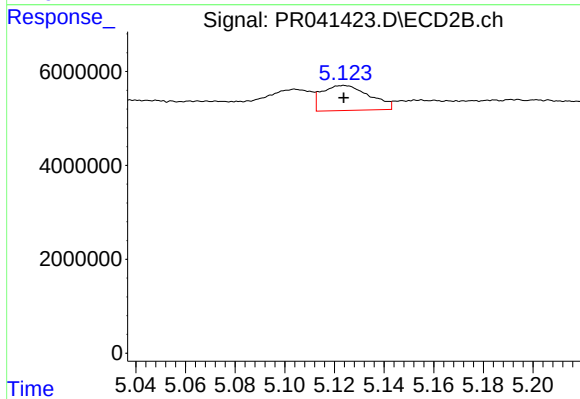
#9 AR-1221-2

R.T.: 4.311 min
Delta R.T.: 0.005 min
Response: 1170712
Conc: 33.57 ng/ml



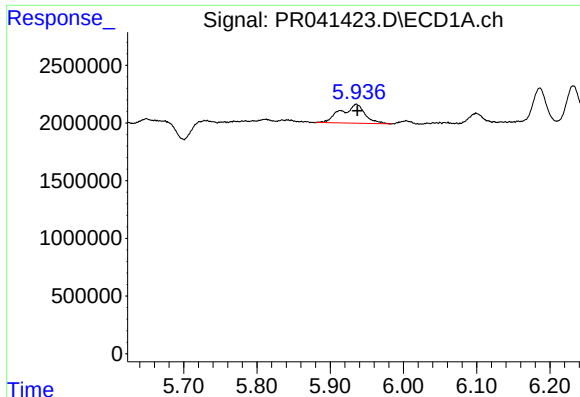
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.647 min
Response: 0
Conc: N.D.



#12 AR-1232-2

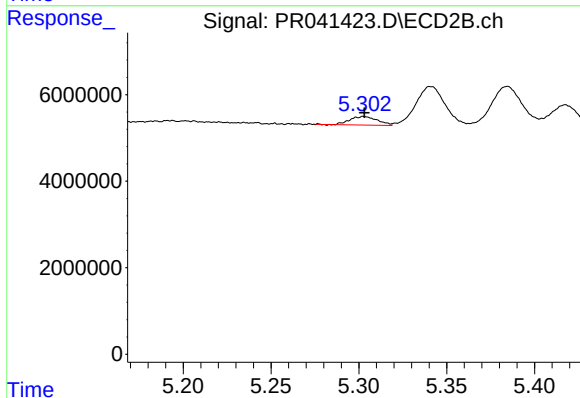
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 7124471
Conc: 73.26 ng/ml



#13 AR-1232-3

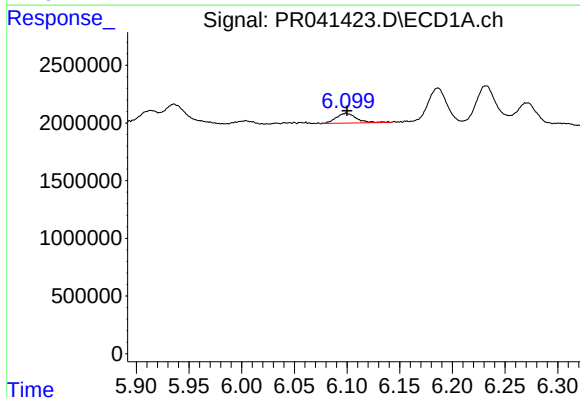
R.T.: 5.936 min
Delta R.T.: -0.001 min
Response: 3725827
Conc: 98.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



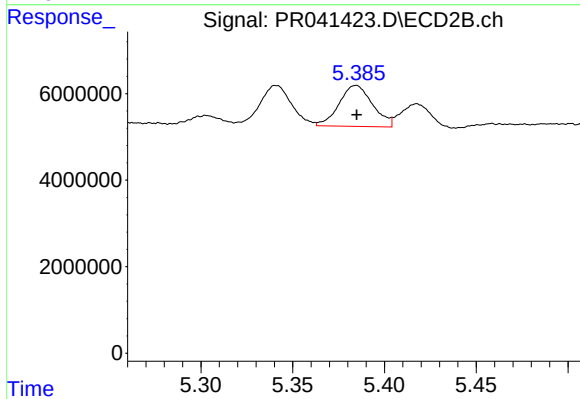
#13 AR-1232-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 2160965
Conc: 48.12 ng/ml



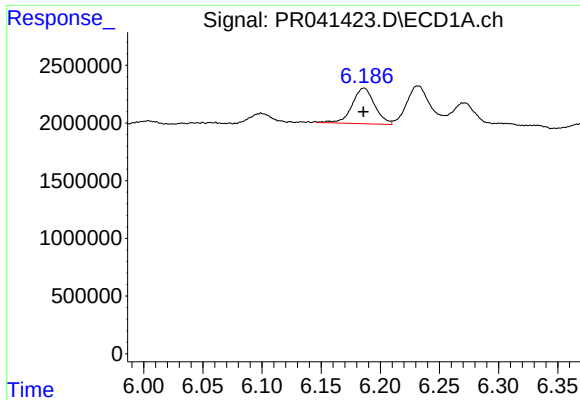
#14 AR-1232-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 1140156
Conc: 61.79 ng/ml



#14 AR-1232-4

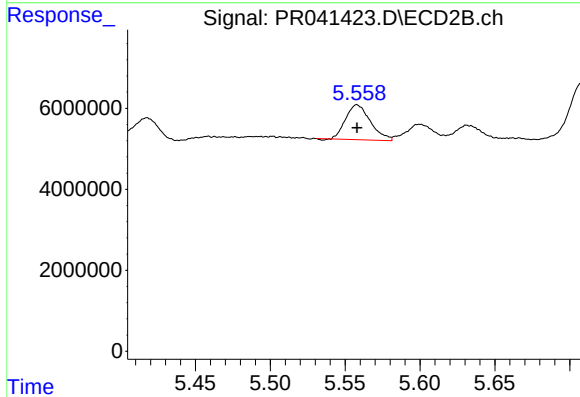
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 12090549
Conc: 288.65 ng/ml



#15 AR-1232-5

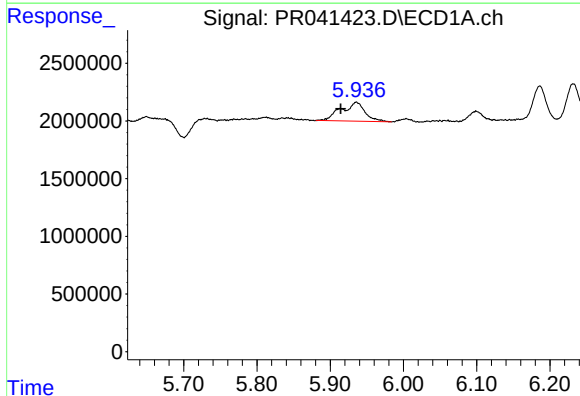
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 4103851
Conc: 297.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



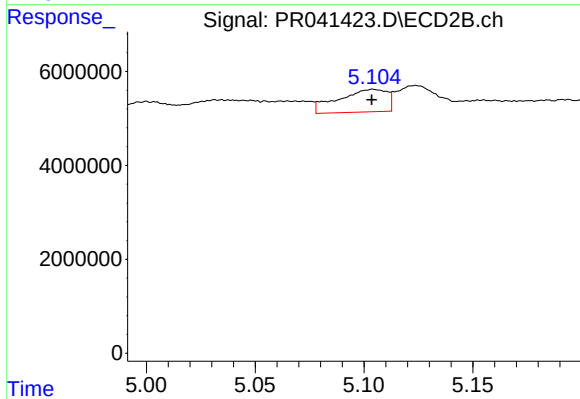
#15 AR-1232-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 9908445
Conc: 185.22 ng/ml



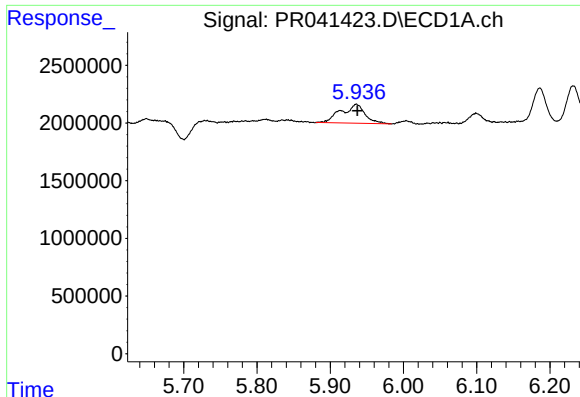
#16 AR-1242-1

R.T.: 5.936 min
Delta R.T.: 0.022 min
Response: 3725827
Conc: 72.44 ng/ml



#16 AR-1242-1

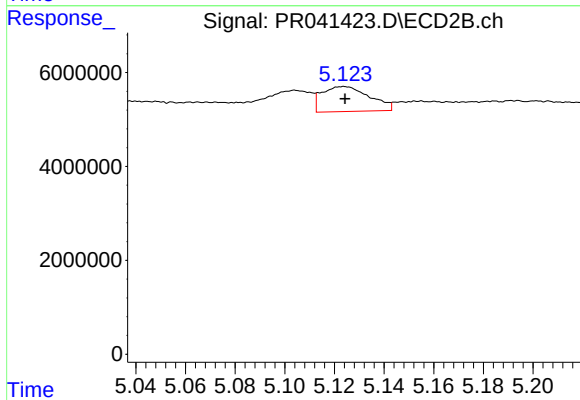
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 7518341
Conc: 67.05 ng/ml



#17 AR-1242-2

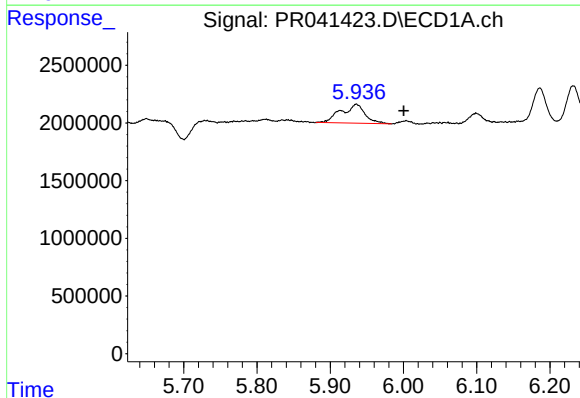
R.T.: 5.936 min
Delta R.T.: -0.001 min
Response: 3725827
Conc: 51.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



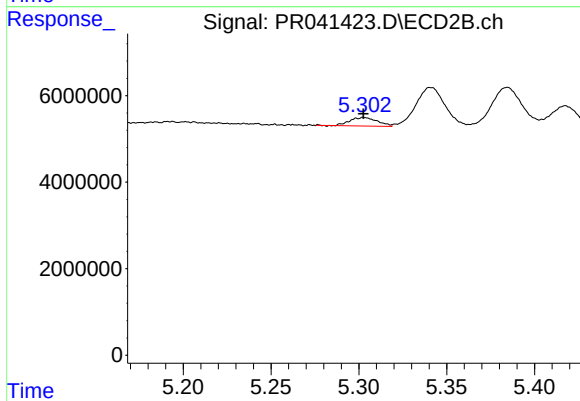
#17 AR-1242-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 7124471
Conc: 44.56 ng/ml



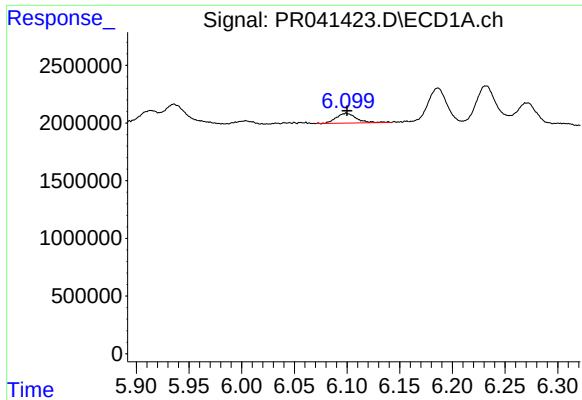
#18 AR-1242-3

R.T.: 5.936 min
Delta R.T.: -0.065 min
Response: 3725827
Conc: 84.26 ng/ml



#18 AR-1242-3

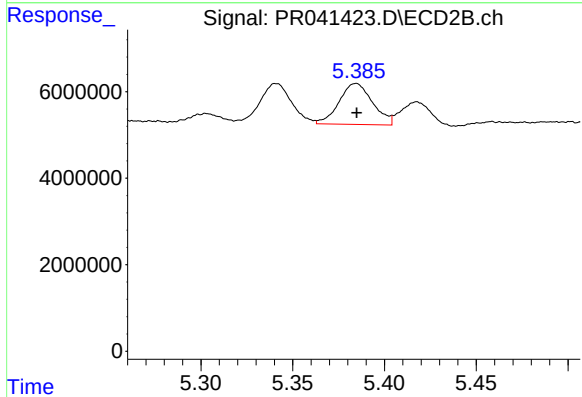
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 2160965
Conc: 23.82 ng/ml



#19 AR-1242-4

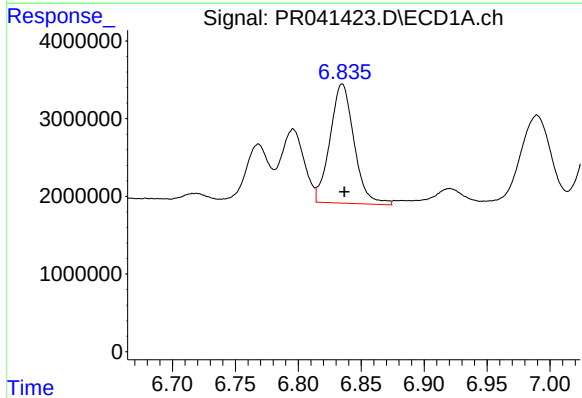
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 1140156
Conc: 31.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



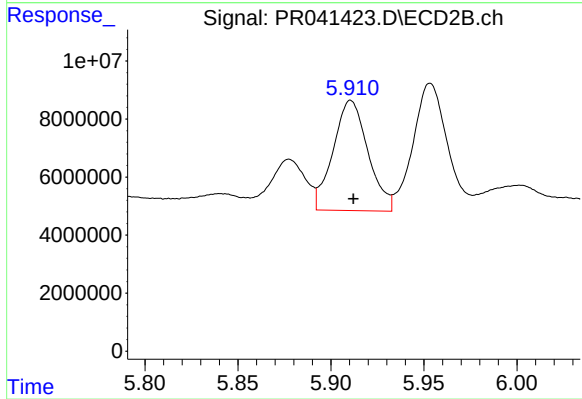
#19 AR-1242-4

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 12090549
Conc: 128.48 ng/ml



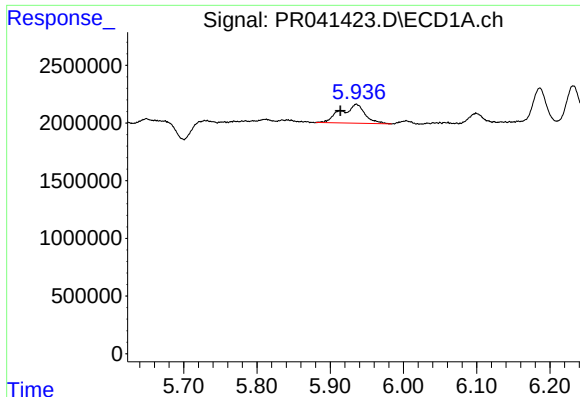
#20 AR-1242-5

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 20429875
Conc: 398.57 ng/ml



#20 AR-1242-5

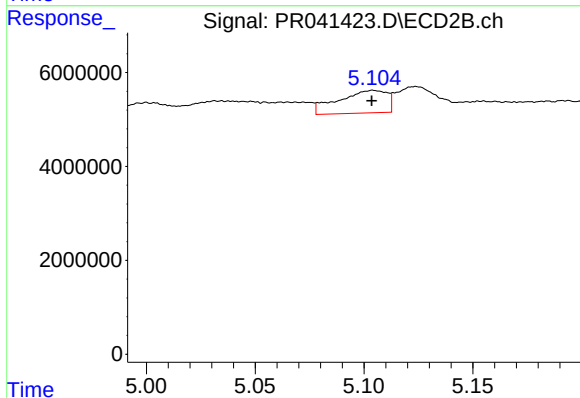
R.T.: 5.911 min
Delta R.T.: -0.001 min
Response: 49715044
Conc: 293.07 ng/ml



#21 AR-1248-1

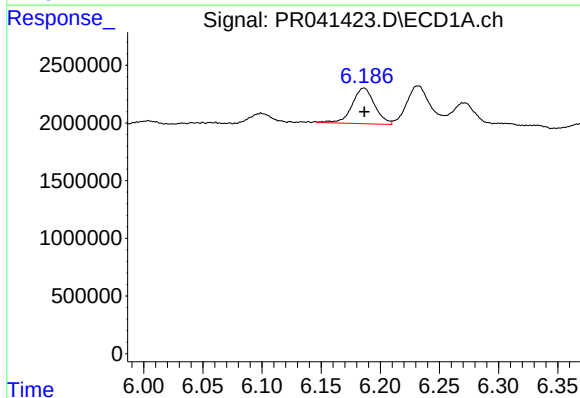
R.T.: 5.936 min
Delta R.T.: 0.022 min
Response: 3725827
Conc: 101.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



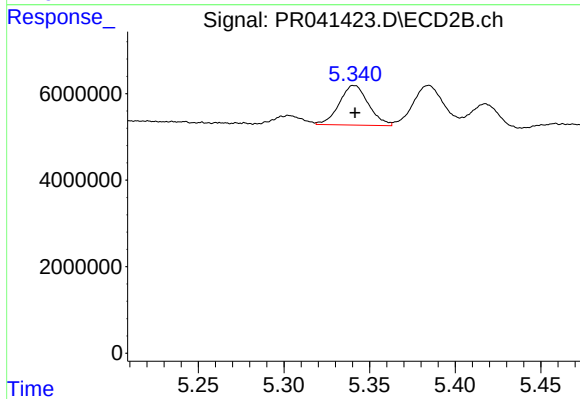
#21 AR-1248-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 7518341
Conc: 89.20 ng/ml



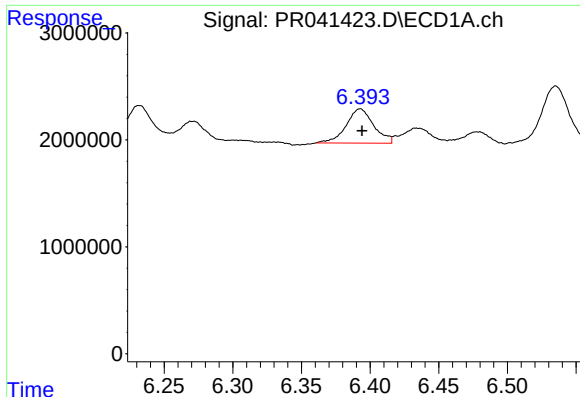
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 4103851
Conc: 74.50 ng/ml



#22 AR-1248-2

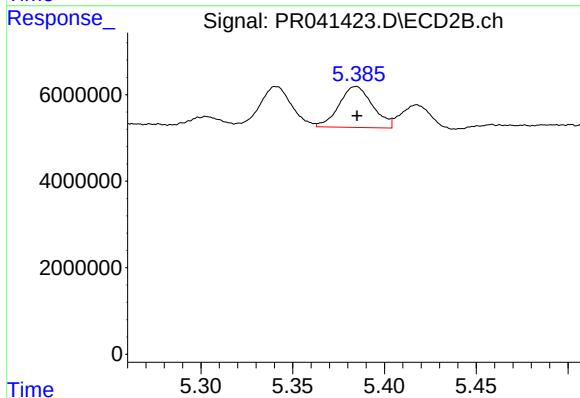
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 10919399
Conc: 89.78 ng/ml



#23 AR-1248-3

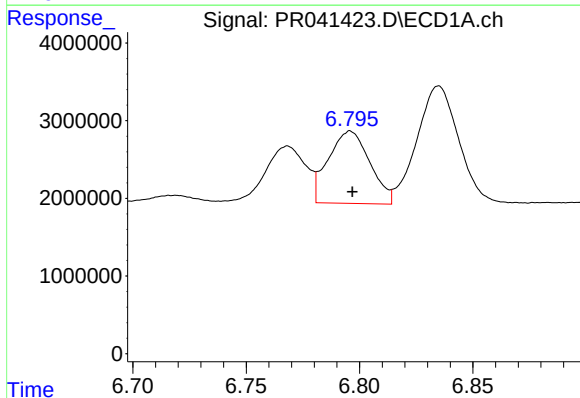
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 4496753
Conc: 70.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



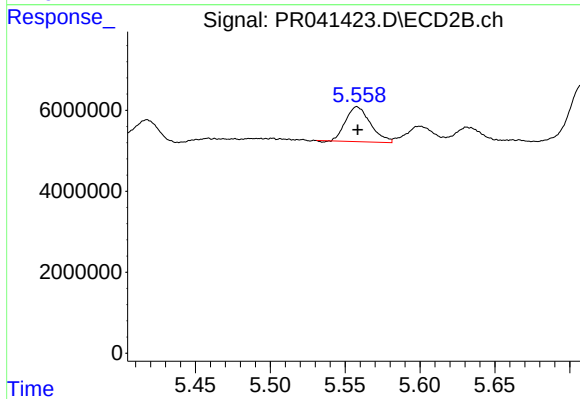
#23 AR-1248-3

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 12090549
Conc: 95.37 ng/ml



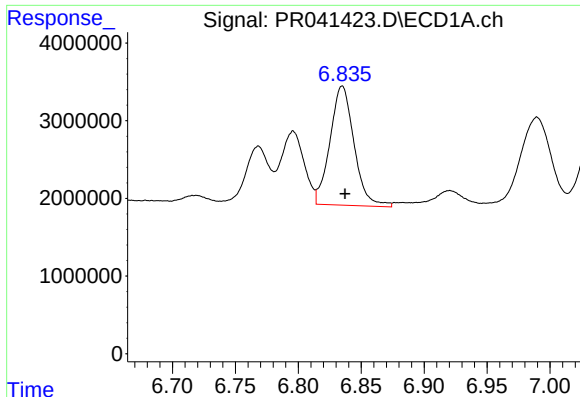
#24 AR-1248-4

R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 11902305
Conc: 139.46 ng/ml



#24 AR-1248-4

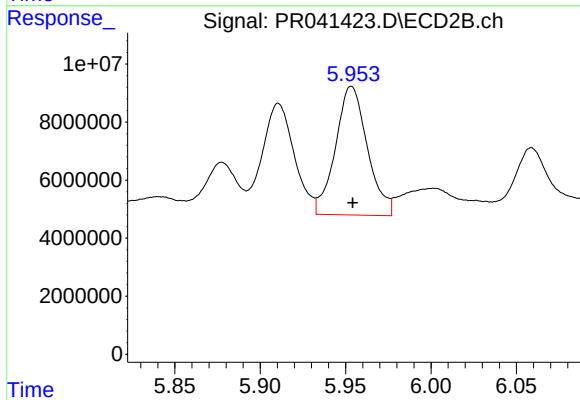
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 9908445
Conc: 59.03 ng/ml



#25 AR-1248-5

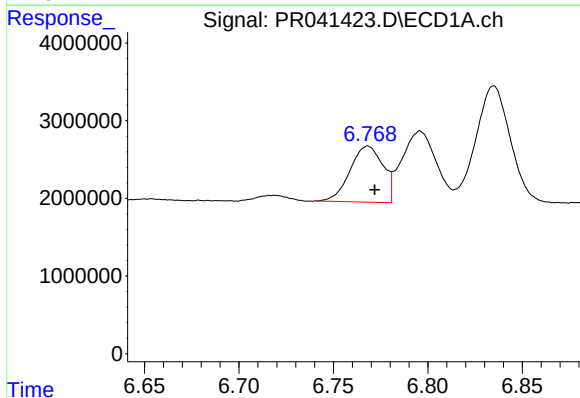
R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 20429875
Conc: 250.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



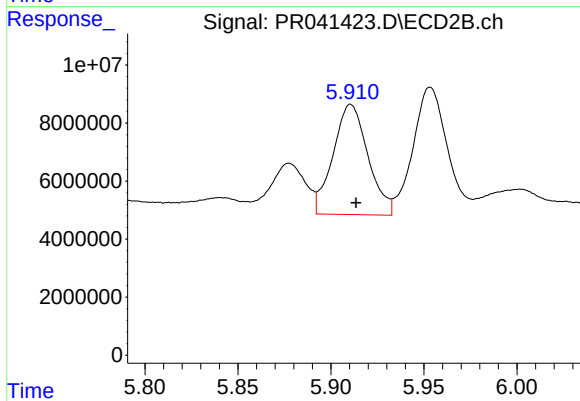
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 57746893
Conc: 265.22 ng/ml



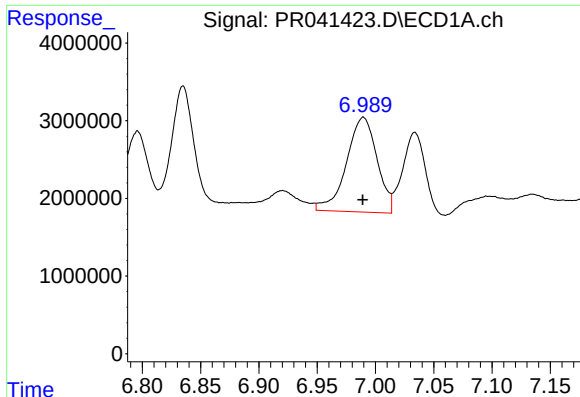
#26 AR-1254-1

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 8733763
Conc: 104.95 ng/ml



#26 AR-1254-1

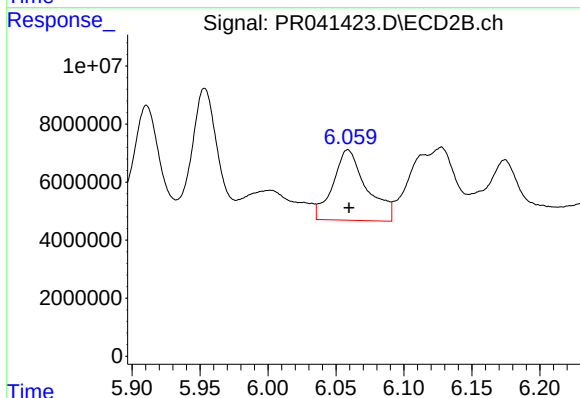
R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: 49715044
Conc: 153.30 ng/ml



#27 AR-1254-2

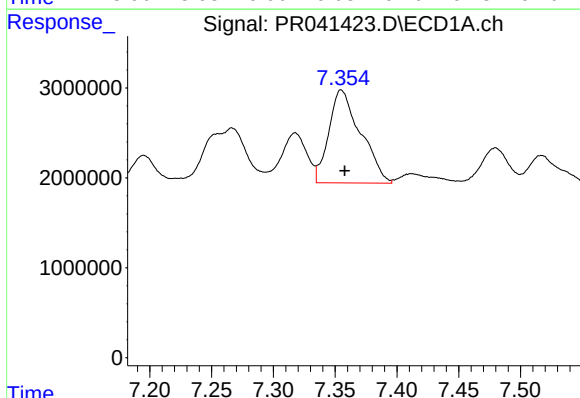
R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 22262971
Conc: 158.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



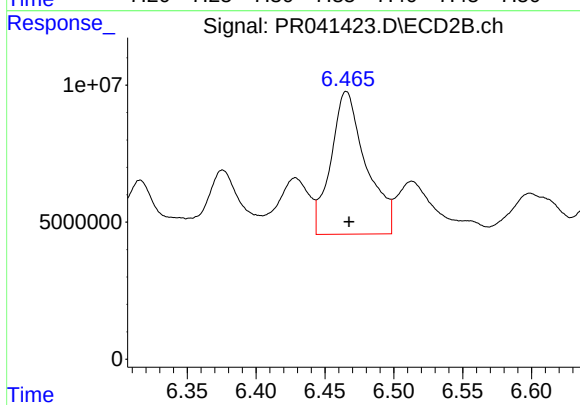
#27 AR-1254-2

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 41959273
Conc: 137.34 ng/ml



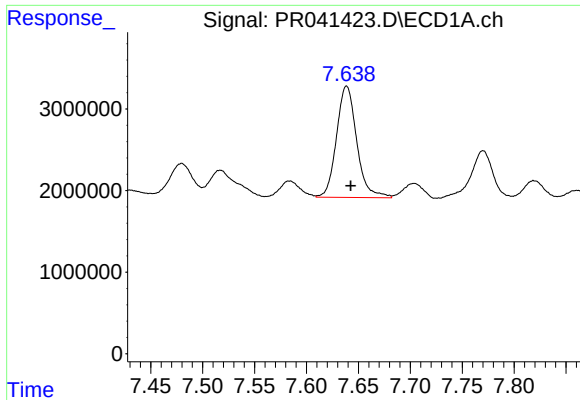
#28 AR-1254-3

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 18558870
Conc: 109.53 ng/ml



#28 AR-1254-3

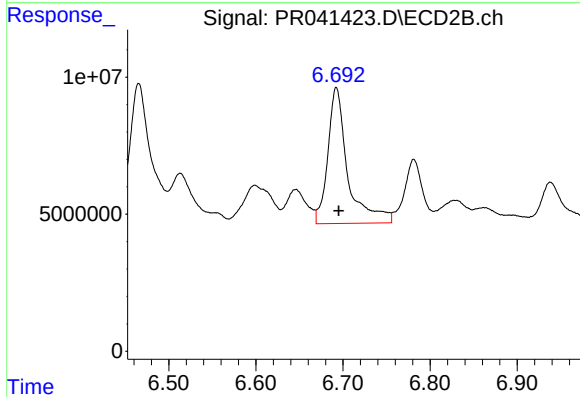
R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 92463539
Conc: 165.24 ng/ml



#29 AR-1254-4

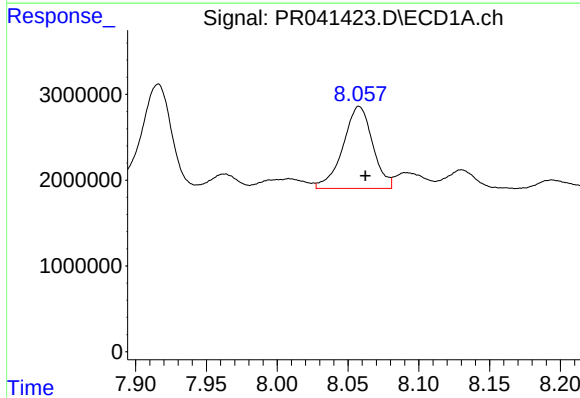
R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 18548071
Conc: 136.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



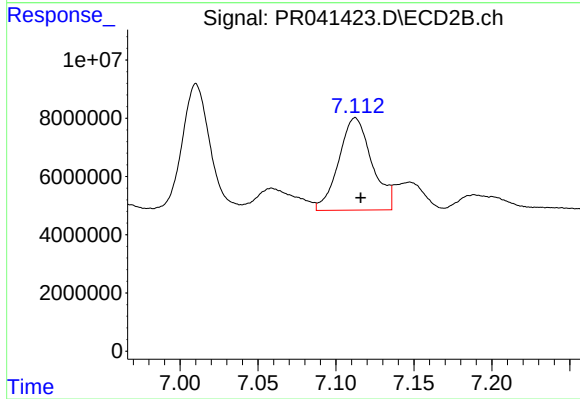
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 79004656
Conc: 185.13 ng/ml



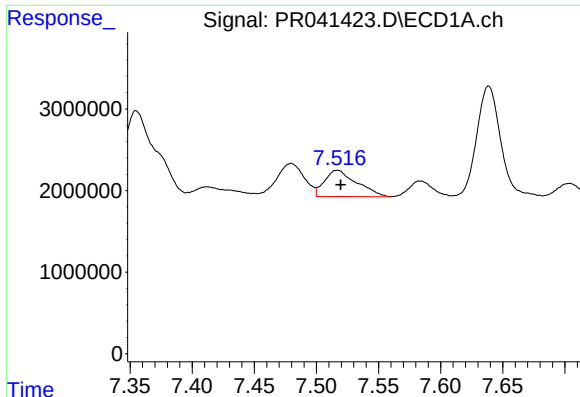
#30 AR-1254-5

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 13941746
Conc: 90.67 ng/ml



#30 AR-1254-5

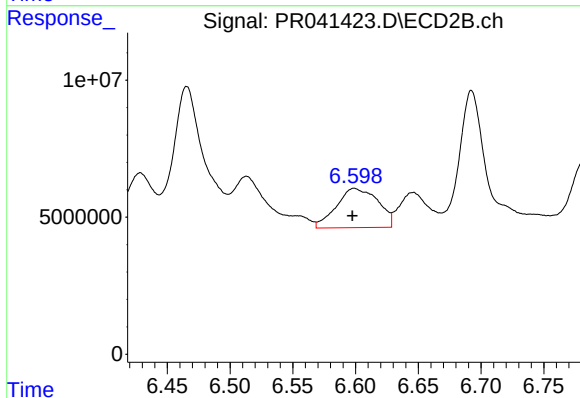
R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 46980565
Conc: 81.21 ng/ml



#31 AR-1260-1

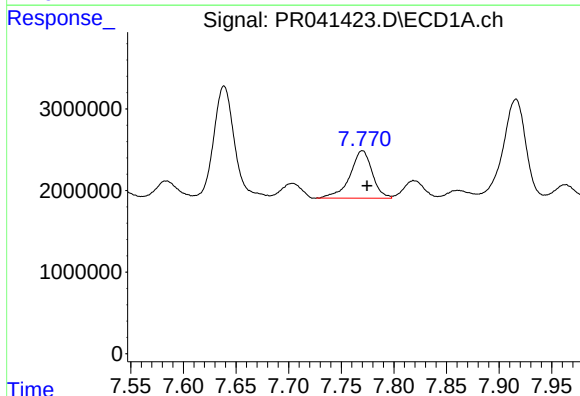
R.T.: 7.517 min
Delta R.T.: -0.003 min
Response: 5813552
Conc: 49.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



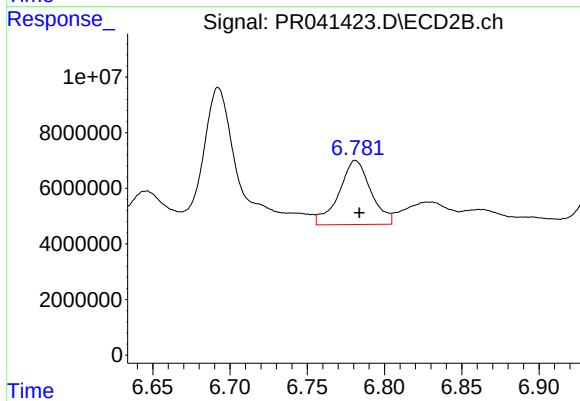
#31 AR-1260-1

R.T.: 6.599 min
Delta R.T.: 0.002 min
Response: 33125350
Conc: 85.05 ng/ml



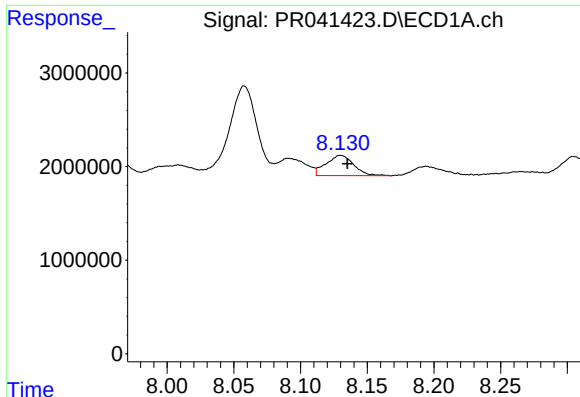
#32 AR-1260-2

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 8582906
Conc: 58.16 ng/ml



#32 AR-1260-2

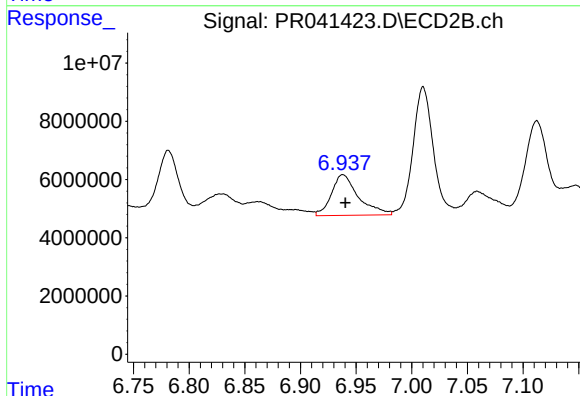
R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 33113944
Conc: 61.43 ng/ml



#33 AR-1260-3

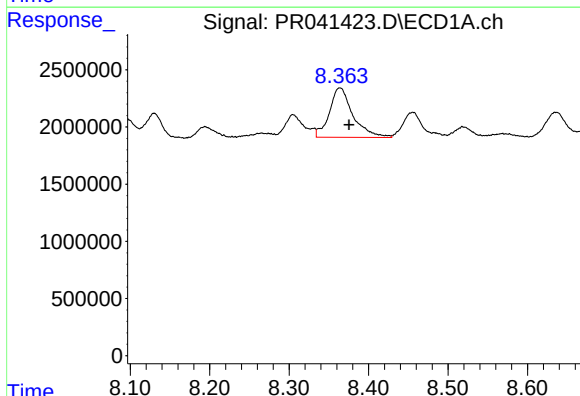
R.T.: 8.130 min
Delta R.T.: -0.005 min
Response: 3136506
Conc: 27.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



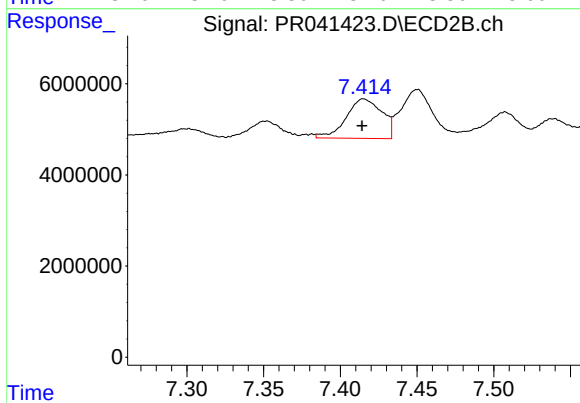
#33 AR-1260-3

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 23687376
Conc: 50.71 ng/ml



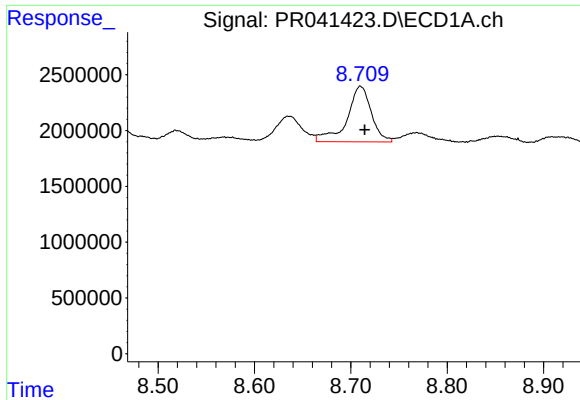
#34 AR-1260-4

R.T.: 8.364 min
Delta R.T.: -0.011 min
Response: 8881211
Conc: 62.20 ng/ml



#34 AR-1260-4

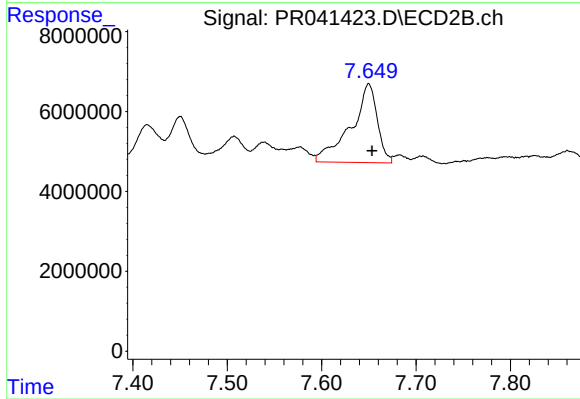
R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 14029565
Conc: 33.10 ng/ml



#35 AR-1260-5

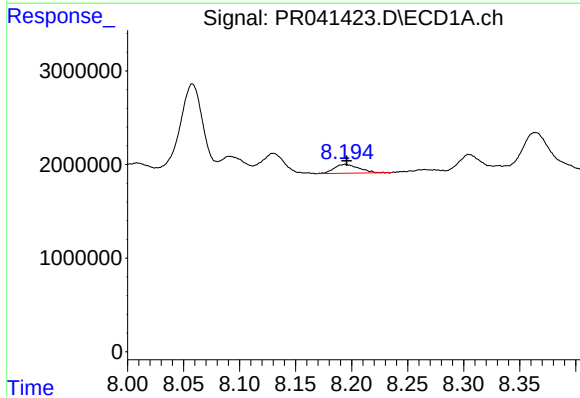
R.T.: 8.710 min
Delta R.T.: -0.004 min
Response: 8715311
Conc: 28.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



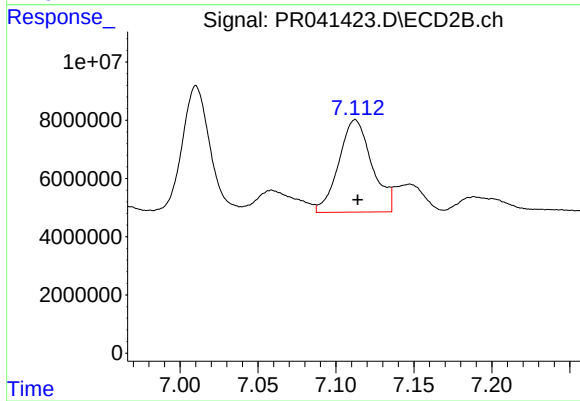
#35 AR-1260-5

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 38285823
Conc: 31.43 ng/ml



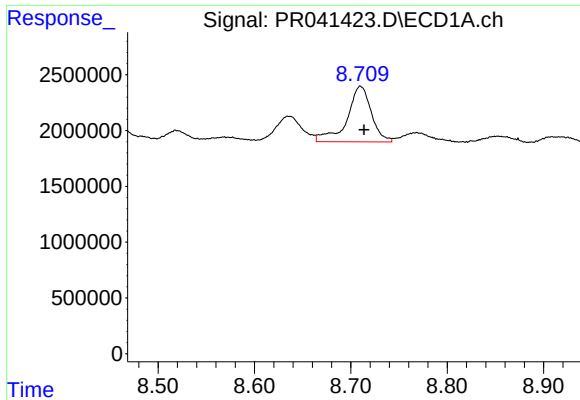
#36 AR-1262-1

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 1408877
Conc: 18.29 ng/ml



#36 AR-1262-1

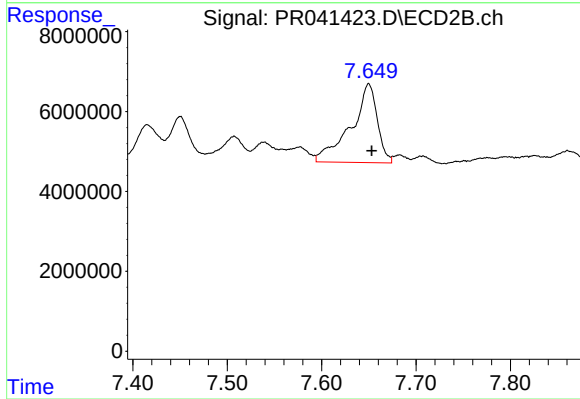
R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 46980565
Conc: 140.36 ng/ml



#37 AR-1262-2

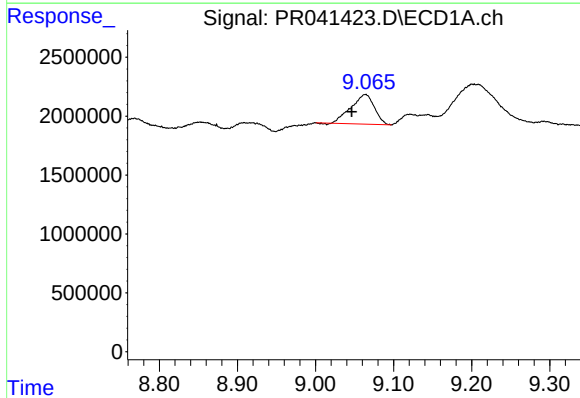
R.T.: 8.710 min
Delta R.T.: -0.004 min
Response: 8715311
Conc: 22.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



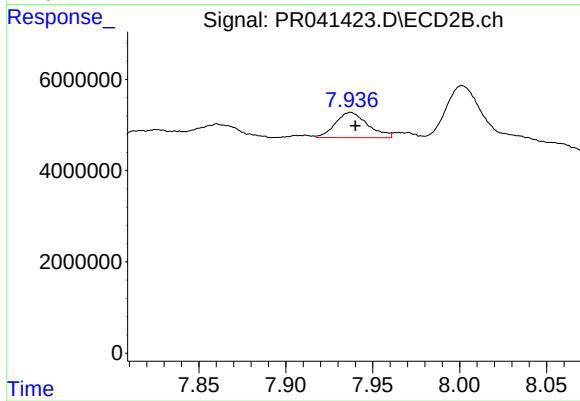
#37 AR-1262-2

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 38285823
Conc: 27.72 ng/ml



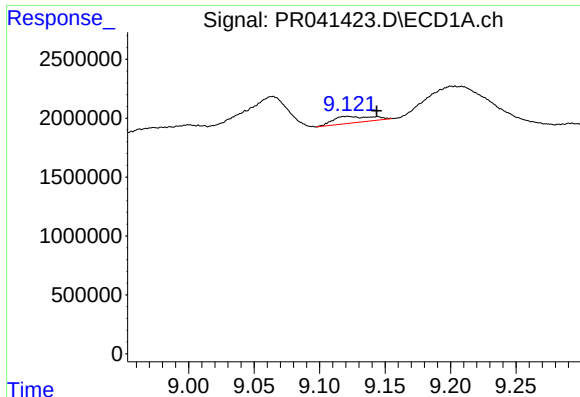
#38 AR-1262-3

R.T.: 9.064 min
Delta R.T.: 0.017 min
Response: 5198934
Conc: 19.72 ng/ml



#38 AR-1262-3

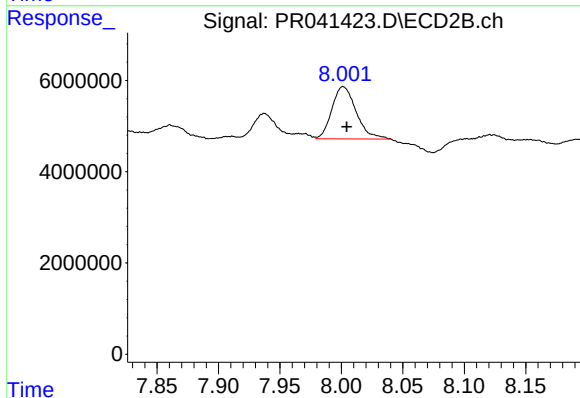
R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 7160373
Conc: 12.52 ng/ml



#39 AR-1262-4

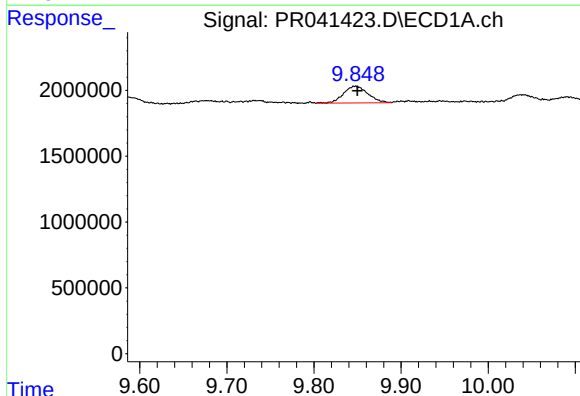
R.T.: 9.121 min
Delta R.T.: -0.022 min
Response: 1130817
Conc: 5.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



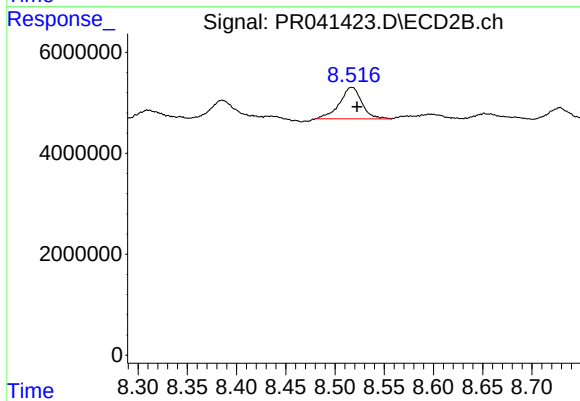
#39 AR-1262-4

R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 15812567
Conc: 15.60 ng/ml



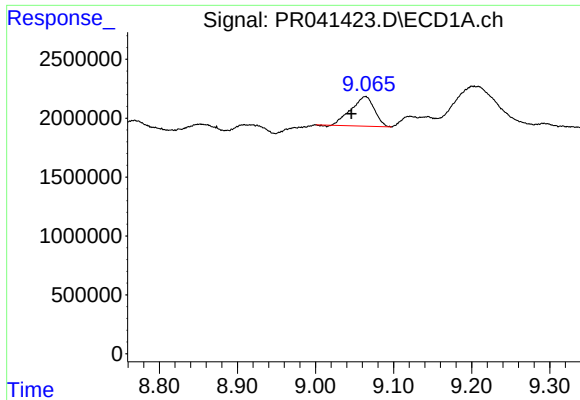
#40 AR-1262-5

R.T.: 9.848 min
Delta R.T.: -0.002 min
Response: 2511986
Conc: 16.04 ng/ml



#40 AR-1262-5

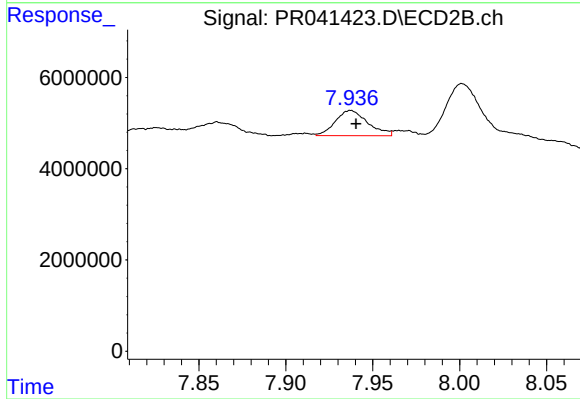
R.T.: 8.517 min
Delta R.T.: -0.005 min
Response: 9828934
Conc: 17.56 ng/ml



#41 AR-1268-1

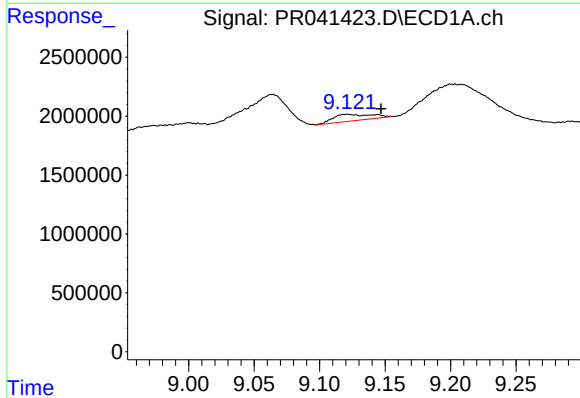
R.T.: 9.064 min
Delta R.T.: 0.018 min
Response: 5198934
Conc: 10.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



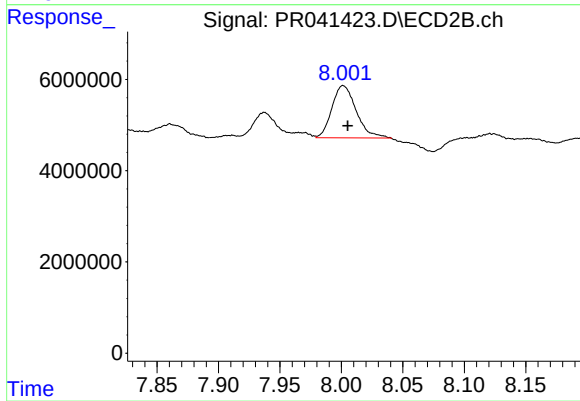
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 7160373
Conc: 4.23 ng/ml



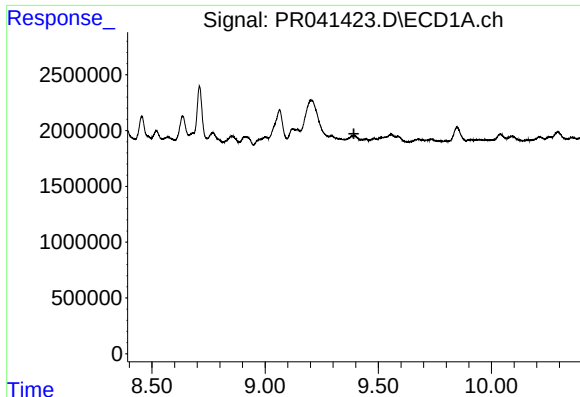
#42 AR-1268-2

R.T.: 9.121 min
Delta R.T.: -0.026 min
Response: 1130817
Conc: 2.56 ng/ml



#42 AR-1268-2

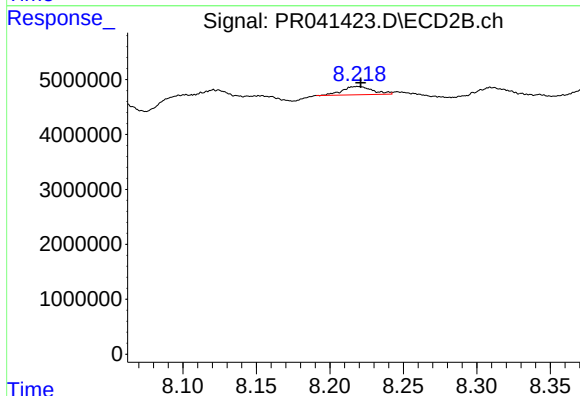
R.T.: 8.001 min
Delta R.T.: -0.004 min
Response: 15812567
Conc: 10.11 ng/ml



#43 AR-1268-3

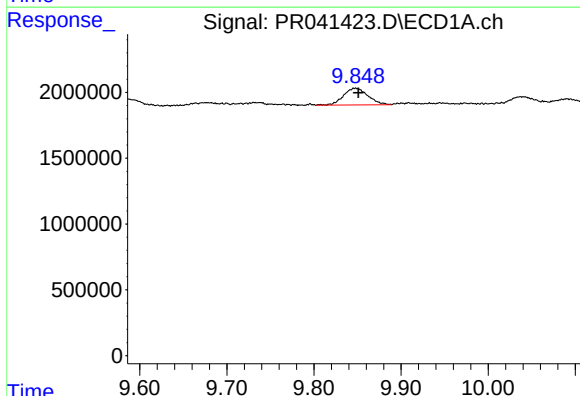
R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNY8



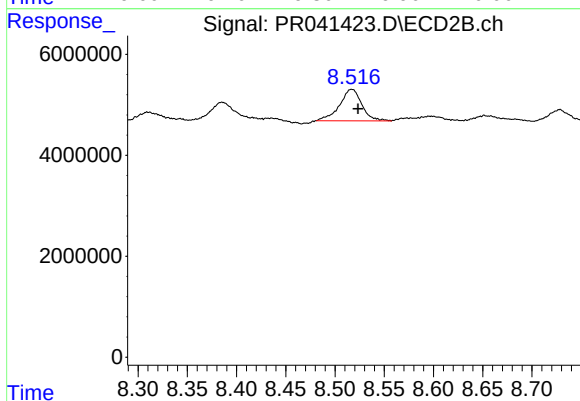
#43 AR-1268-3

R.T.: 8.219 min
Delta R.T.: -0.002 min
Response: 2136773
Conc: 1.61 ng/ml



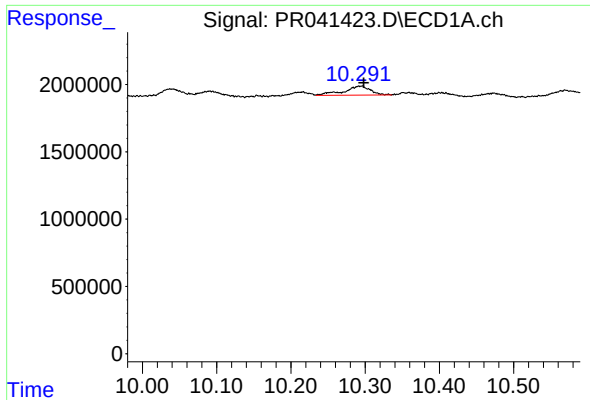
#44 AR-1268-4

R.T.: 9.848 min
Delta R.T.: -0.004 min
Response: 2511986
Conc: 14.35 ng/ml



#44 AR-1268-4

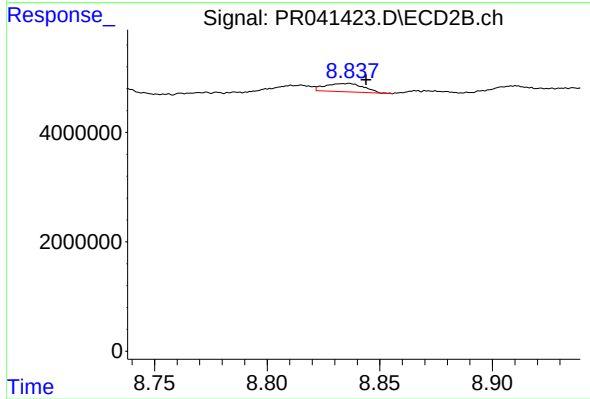
R.T.: 8.517 min
Delta R.T.: -0.006 min
Response: 9828934
Conc: 16.38 ng/ml



#45 AR-1268-5

R.T.: 10.294 min
Delta R.T.: -0.005 min
Response: 1643800
Conc: 1.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNY8



#45 AR-1268-5

R.T.: 8.836 min
Delta R.T.: -0.008 min
Response: 1800541
Conc: 0.41 ng/ml