

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
 Data File : PR041428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2019 23:42
 Operator : SM\AJ
 Sample : K4988-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNZ7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:52:30 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...	4.740	4.007	13527292	65991151	10.191	10.910
2)	SA Decachlor...	10.662	9.124	46813201	139.1E6	14.666	12.897
Target Compounds							
3)	L1 AR-1016-1	5.914	5.104	4051748	11490503	63.361	77.981
4)	L1 AR-1016-2	5.937	5.124	6404970	17997942	70.336	87.419
5)	L1 AR-1016-3	6.000	5.303	1216611	5939008	22.170	50.187 #
6)	L1 AR-1016-4	6.099	5.342	2890176	21598024	60.257	221.709 #
7)	L1 AR-1016-5	6.394	5.559	7268898	17407337	146.930	125.211
8)	L2 AR-1221-1	0.000	4.252	0	120107	N.D.	2.095 #
9)	L2 AR-1221-2	0.000	4.312	0	861314	N.D.	24.698 #
10)	L2 AR-1221-3	0.000	4.381	0	493777	N.D.	4.657 #
11)	L3 AR-1232-1	0.000	4.381	0	493777	N.D.	6.126 #
12)	L3 AR-1232-2	5.646	5.124	4630481	17997942	283.037	185.060 #
13)	L3 AR-1232-3	5.937	5.303	6404970	5939008	168.942	132.261
14)	L3 AR-1232-4	6.099	5.384	2890176	19980873	156.635	477.026 #
15)	L3 AR-1232-5	6.186	5.559	9910426	17407337	717.228	325.407 #
16)	L4 AR-1242-1	5.914	5.104	4051748	11490503	78.772	102.474 #
17)	L4 AR-1242-2	5.937	5.124	6404970	17997942	87.878	112.565 #
18)	L4 AR-1242-3	6.000	5.303	1216611	5939008	27.515	65.475 #
19)	L4 AR-1242-4	6.099	5.384	2890176	19980873	78.785	212.325 #
20)	L4 AR-1242-5	6.836	5.912	38678896	91985367	754.590	542.245 #
21)	L5 AR-1248-1	5.914	5.104	4051748	11490503	110.384	136.324
22)	L5 AR-1248-2	6.186	5.342	9910426	21598024	179.919	177.573
23)	L5 AR-1248-3	6.394	5.384	7268898	19980873	113.205	157.604 #
24)	L5 AR-1248-4	6.797	5.559	24163568	17407337	283.135	103.710 #
25)	L5 AR-1248-5	6.836	5.954	38678896	104.1E6	474.677	478.313
26)	L6 AR-1254-1	6.770	5.912	19538849	91985367	234.794	283.643
27)	L6 AR-1254-2	6.990	6.059	37767470	71365998	268.779	233.601
28)	L6 AR-1254-3	7.357	6.467	35138661	136.4E6	207.385	243.828
29)	L6 AR-1254-4	7.641	6.693	40803675	150.6E6	300.592	352.808
30)	L6 AR-1254-5	8.060	7.113	38975934	124.0E6	253.471	214.266
31)	L7 AR-1260-1	7.519	6.597	17949829	72232530	151.580	185.457
32)	L7 AR-1260-2	7.772	6.783	25655383	73305303	173.851	135.980
33)	L7 AR-1260-3	8.133	6.940	11790656	52808700	101.669	113.053
34)	L7 AR-1260-4	8.367	7.415	25021274	39568452	175.249	93.362 #
35)	L7 AR-1260-5	8.713	7.651	25263825	103.8E6	82.002	85.209
36)	L8 AR-1262-1	8.195	7.113	4931246	124.0E6	64.026	370.348 #
37)	L8 AR-1262-2	8.713	7.651	25263825	103.8E6	66.636	75.161
38)	L8 AR-1262-3	9.066	7.939	17897288	28048669	67.879	49.041 #
39)	L8 AR-1262-4	9.123	8.001	7770190	63795279	39.349	62.952 #
40)	L8 AR-1262-5	9.849	8.519	9490430	30309716	60.613	54.145
41)	L9 AR-1268-1	9.066	7.939	17897288	28048669	37.216	16.575 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

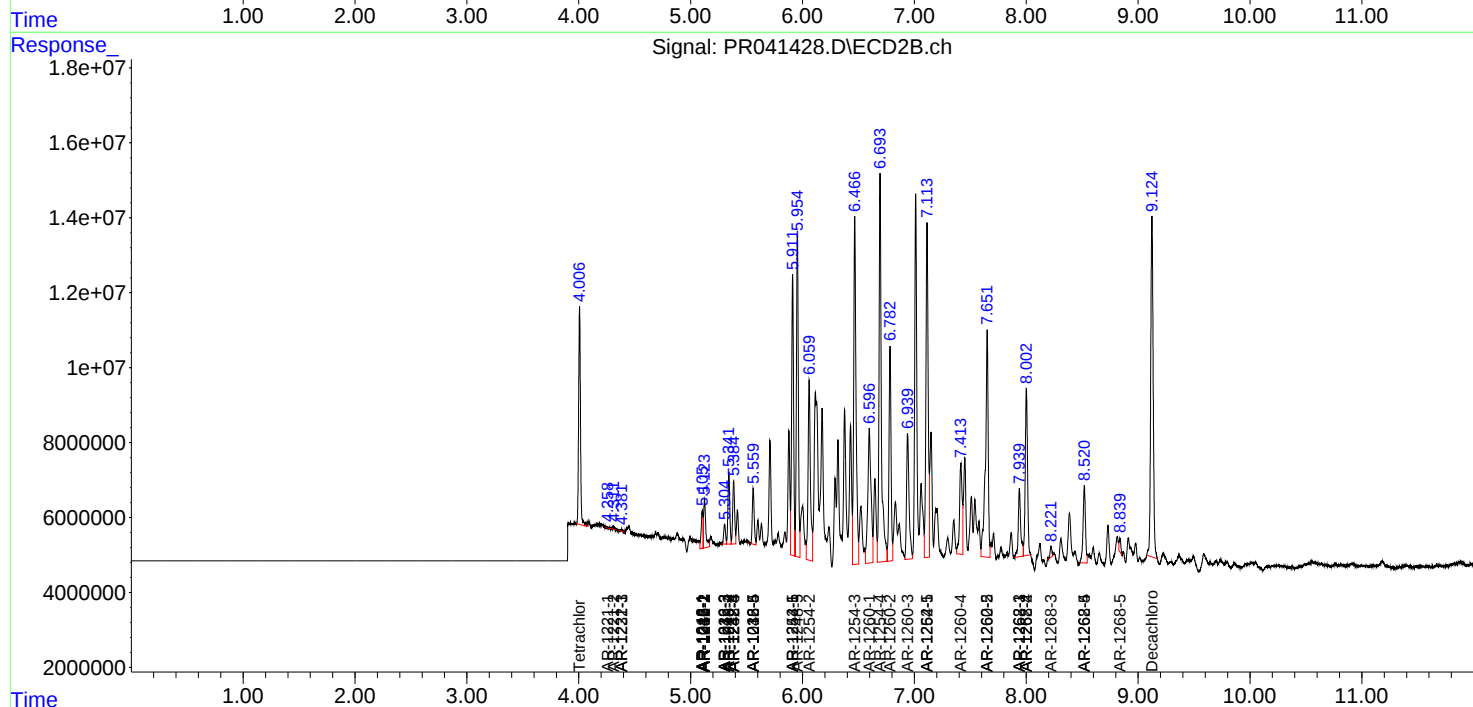
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

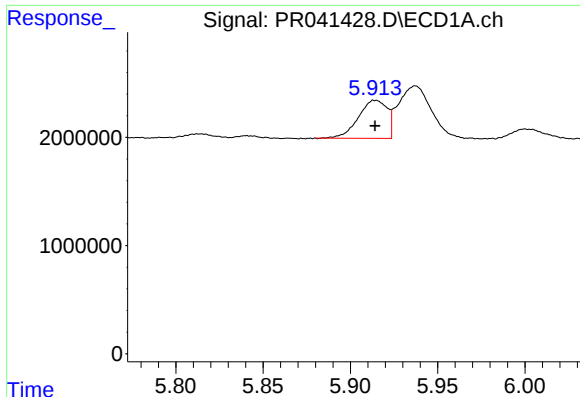
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.123	8.001	7770190	63795279	17.568	40.779 #
43) L9	AR-1268-3	9.394	8.221	2956115	3195233	8.000	2.415 #
44) L9	AR-1268-4	9.849	8.519	9490430	30309716	54.208	50.503
45) L9	AR-1268-5	10.295	8.838	4410609	3824840	3.119	0.868 #

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

Instrument :
ECD_R
ClientSampleId :
ESNZ7

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

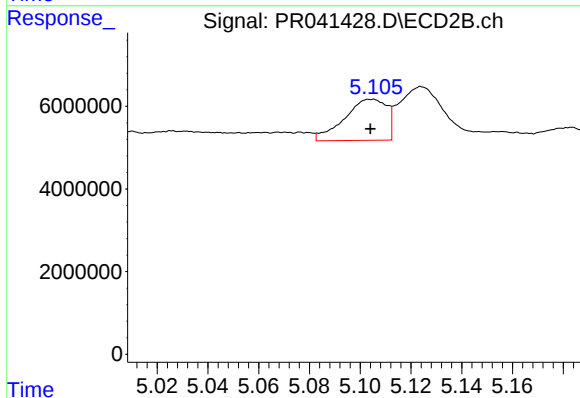




#3 AR-1016-1

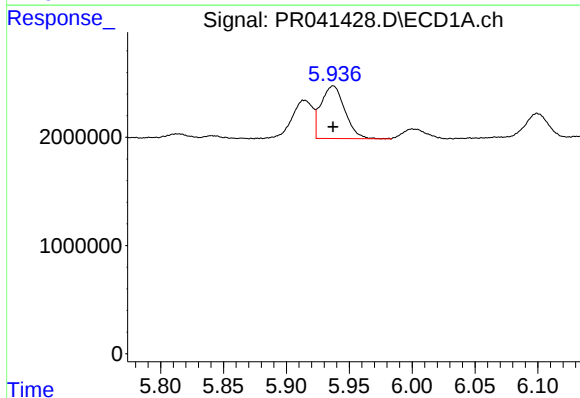
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 4051748
Conc: 63.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



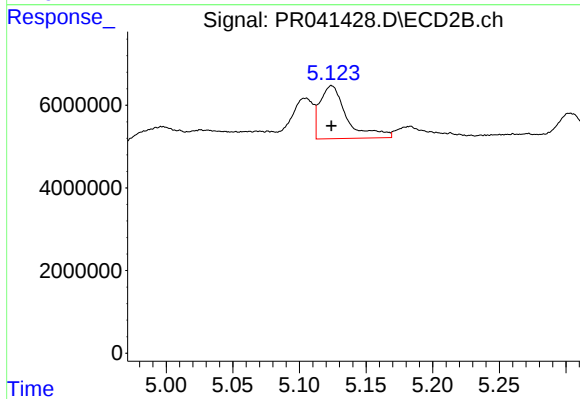
#3 AR-1016-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 11490503
Conc: 77.98 ng/ml



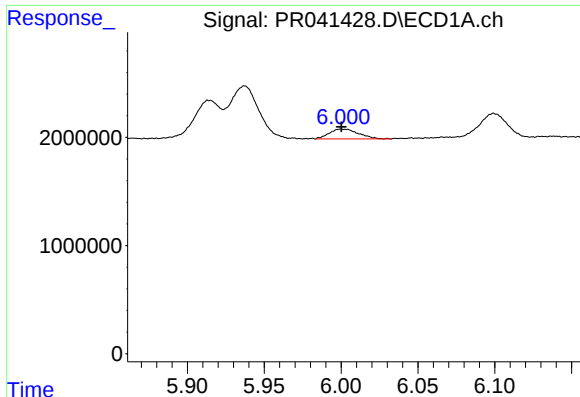
#4 AR-1016-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 6404970
Conc: 70.34 ng/ml



#4 AR-1016-2

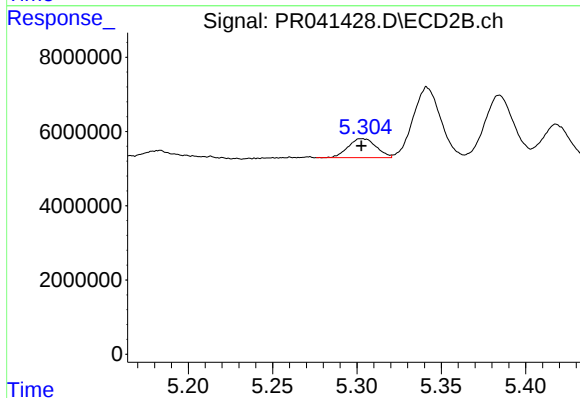
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 17997942
Conc: 87.42 ng/ml



#5 AR-1016-3

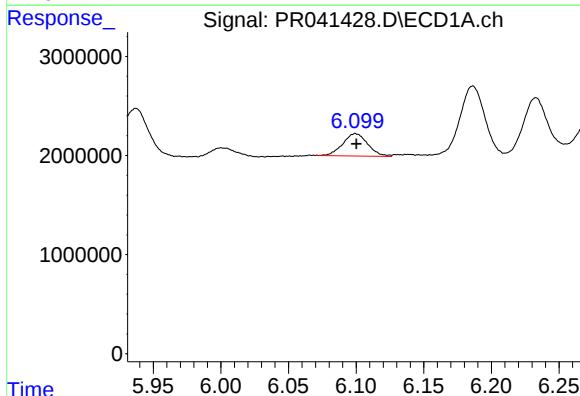
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 1216611
Conc: 22.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



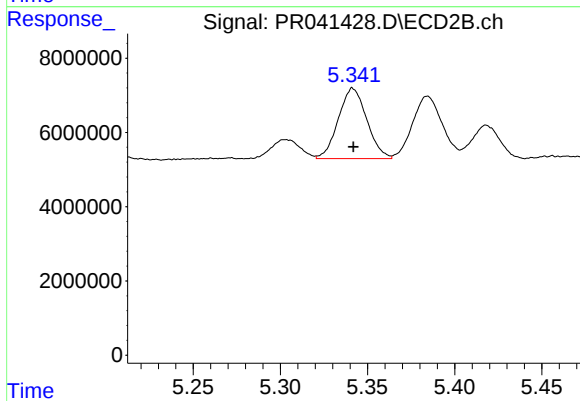
#5 AR-1016-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 5939008
Conc: 50.19 ng/ml



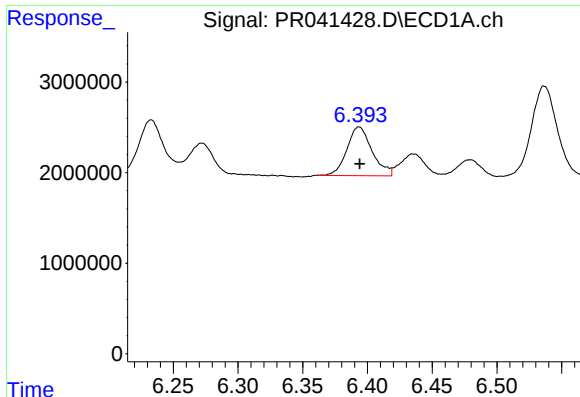
#6 AR-1016-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2890176
Conc: 60.26 ng/ml



#6 AR-1016-4

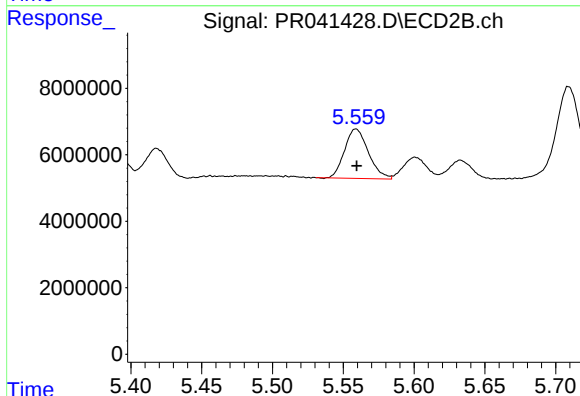
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 21598024
Conc: 221.71 ng/ml



#7 AR-1016-5

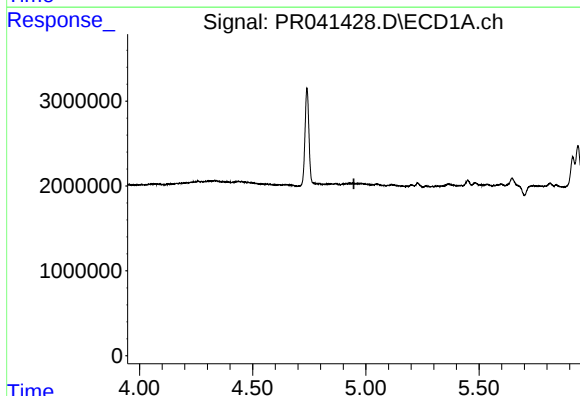
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 7268898
Conc: 146.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



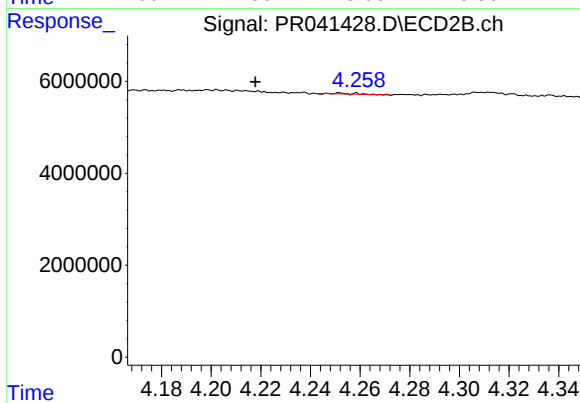
#7 AR-1016-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 17407337
Conc: 125.21 ng/ml



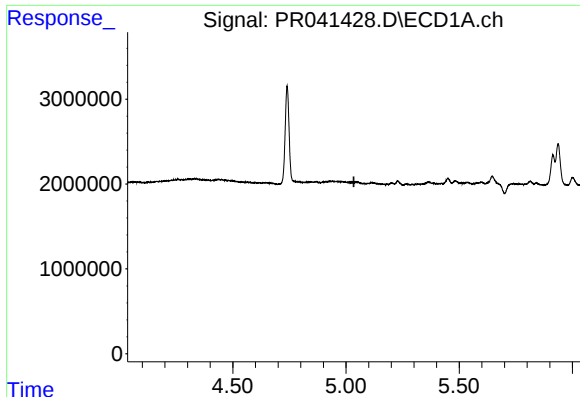
#8 AR-1221-1

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



#8 AR-1221-1

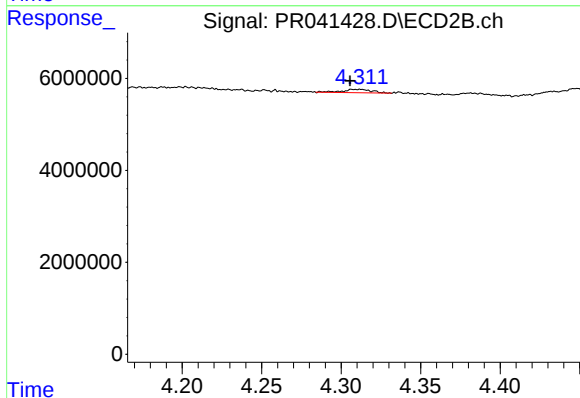
R.T.: 4.252 min
Delta R.T.: 0.034 min
Response: 120107
Conc: 2.10 ng/ml



#9 AR-1221-2

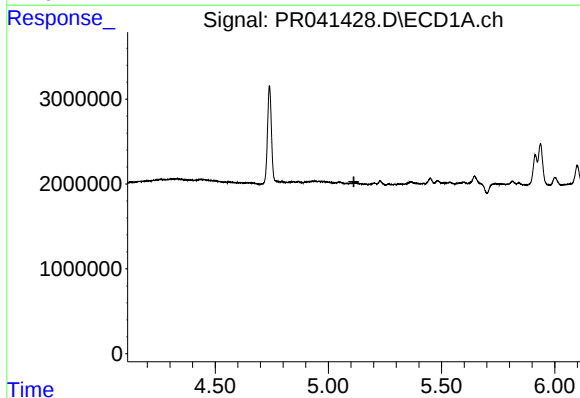
R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ7



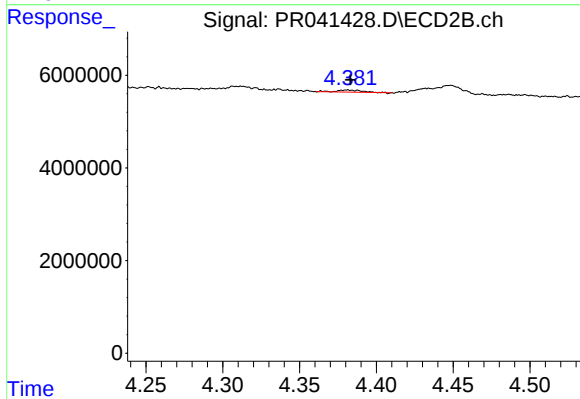
#9 AR-1221-2

R.T.: 4.312 min
Delta R.T.: 0.006 min
Response: 861314
Conc: 24.70 ng/ml



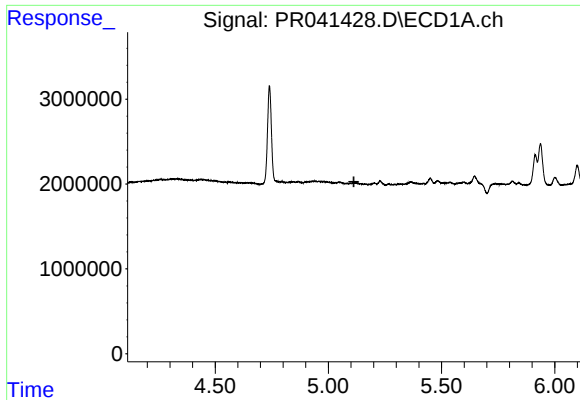
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.



#10 AR-1221-3

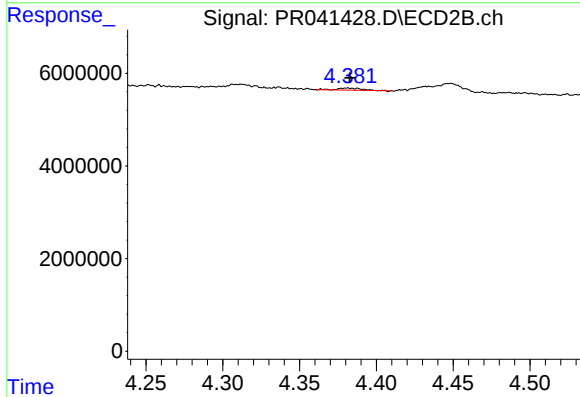
R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 493777
Conc: 4.66 ng/ml



#11 AR-1232-1

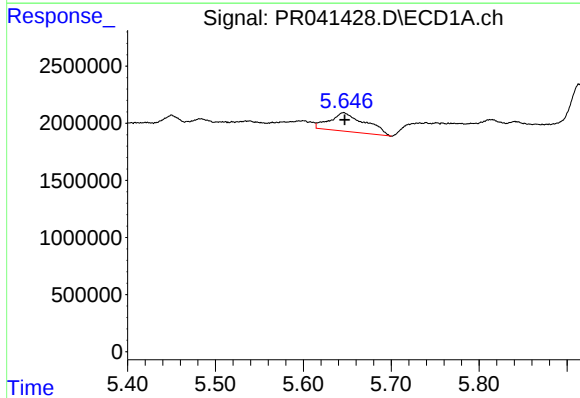
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ7



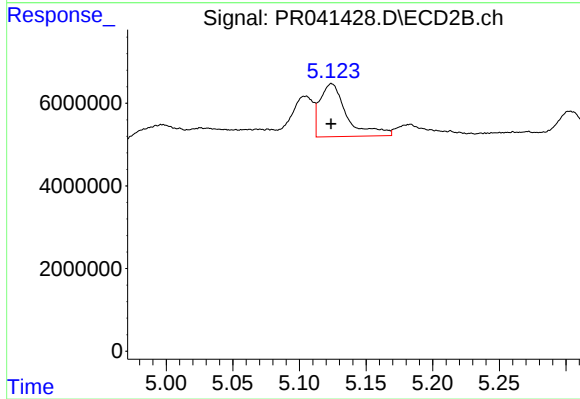
#11 AR-1232-1

R.T.: 4.381 min
Delta R.T.: -0.001 min
Response: 493777
Conc: 6.13 ng/ml



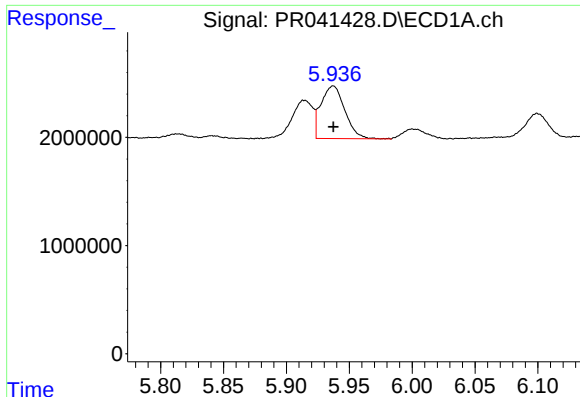
#12 AR-1232-2

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 4630481
Conc: 283.04 ng/ml



#12 AR-1232-2

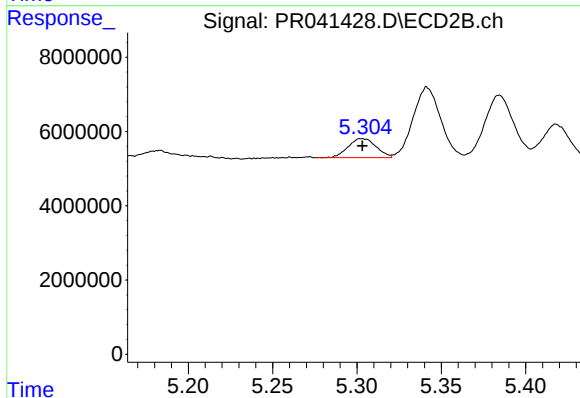
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 17997942
Conc: 185.06 ng/ml



#13 AR-1232-3

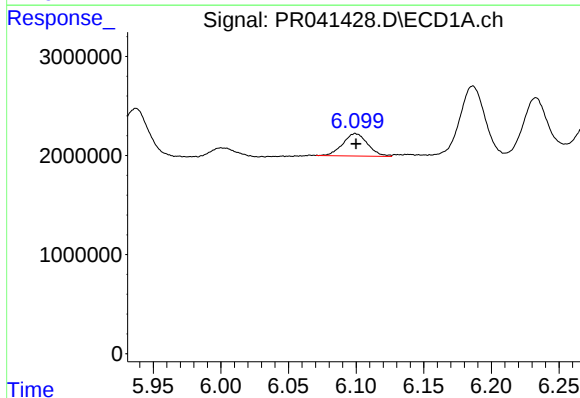
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 6404970
Conc: 168.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



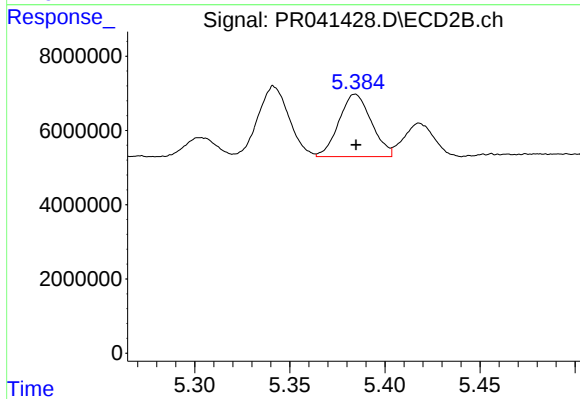
#13 AR-1232-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 5939008
Conc: 132.26 ng/ml



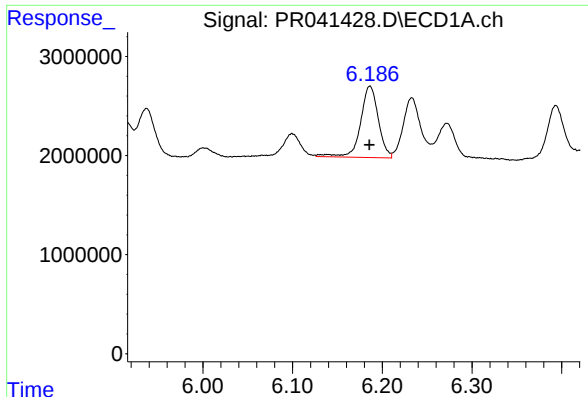
#14 AR-1232-4

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2890176
Conc: 156.63 ng/ml



#14 AR-1232-4

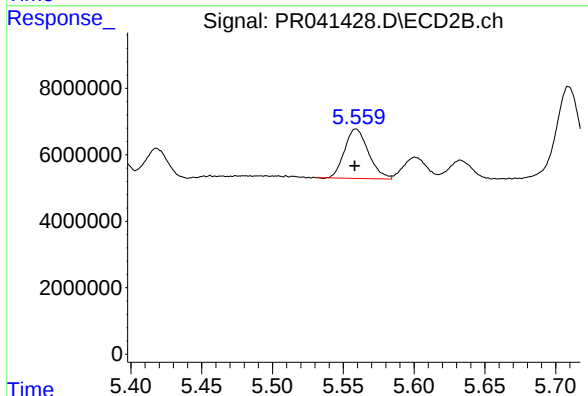
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 19980873
Conc: 477.03 ng/ml



#15 AR-1232-5

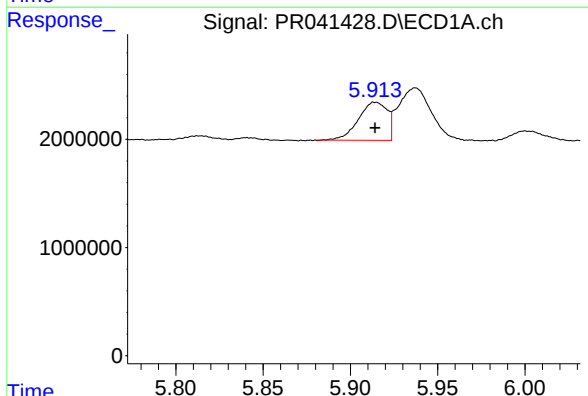
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 9910426
Conc: 717.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



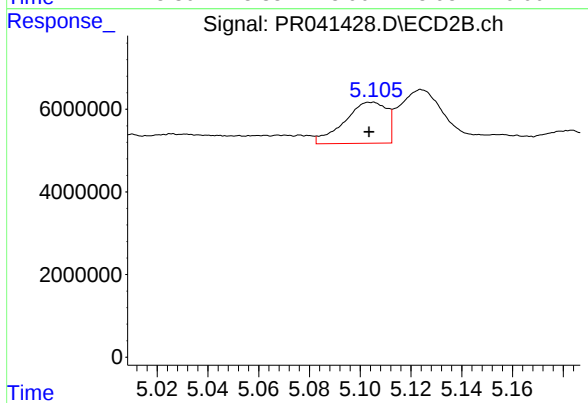
#15 AR-1232-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 17407337
Conc: 325.41 ng/ml



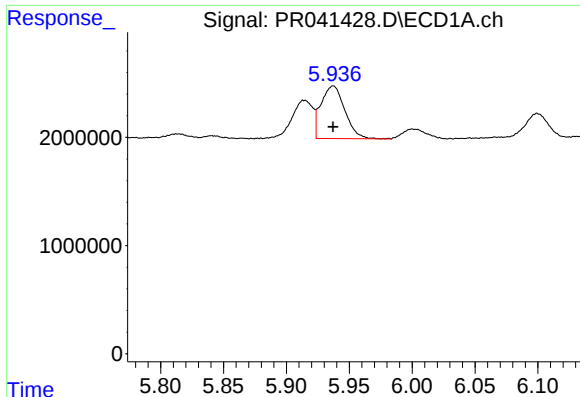
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 4051748
Conc: 78.77 ng/ml



#16 AR-1242-1

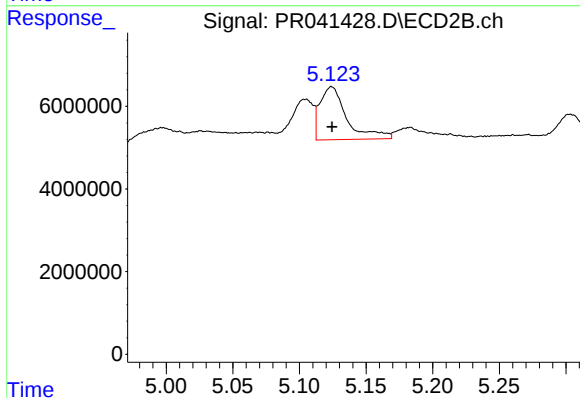
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 11490503
Conc: 102.47 ng/ml



#17 AR-1242-2

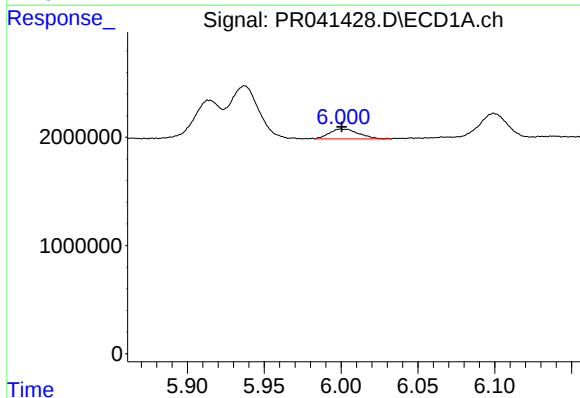
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 6404970
Conc: 87.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



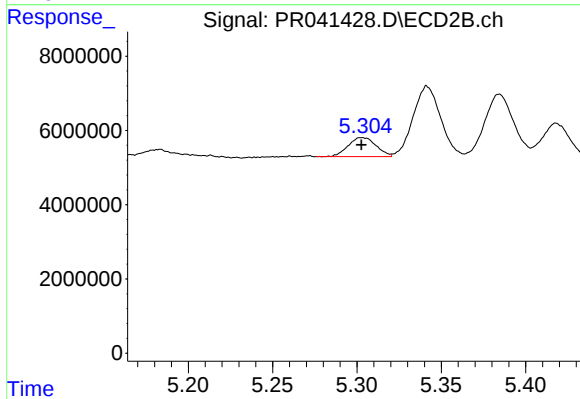
#17 AR-1242-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 17997942
Conc: 112.57 ng/ml



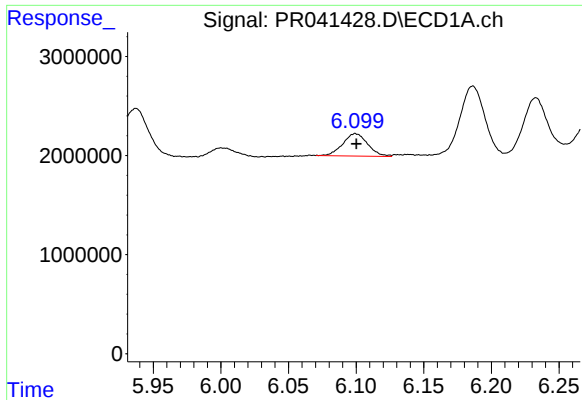
#18 AR-1242-3

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 1216611
Conc: 27.51 ng/ml



#18 AR-1242-3

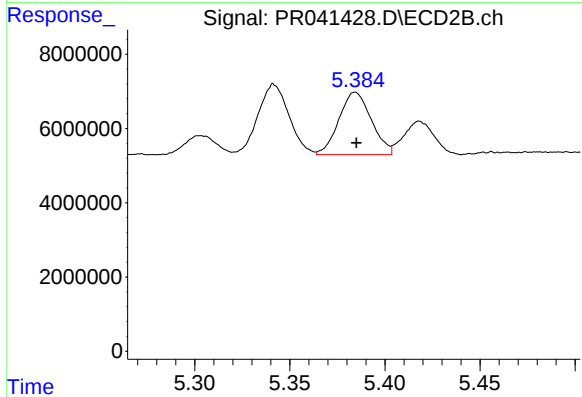
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 5939008
Conc: 65.48 ng/ml



#19 AR-1242-4

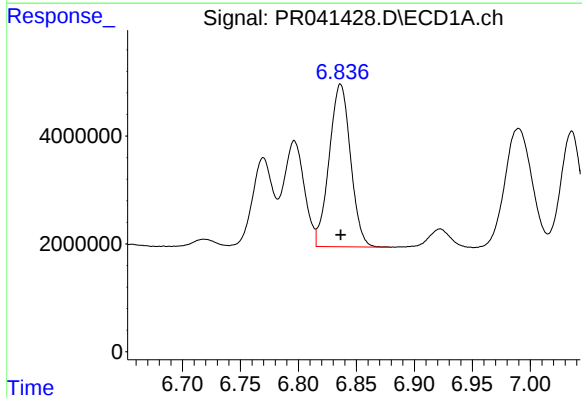
R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2890176
Conc: 78.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



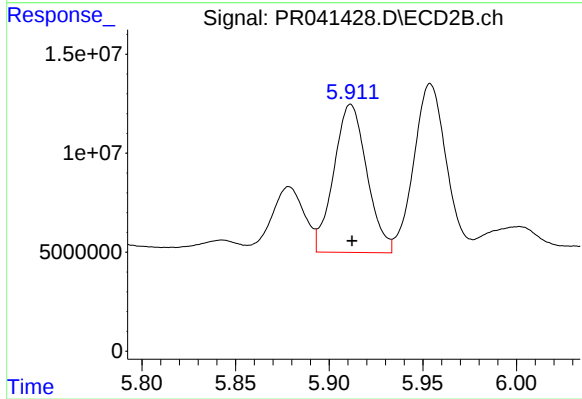
#19 AR-1242-4

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 19980873
Conc: 212.32 ng/ml



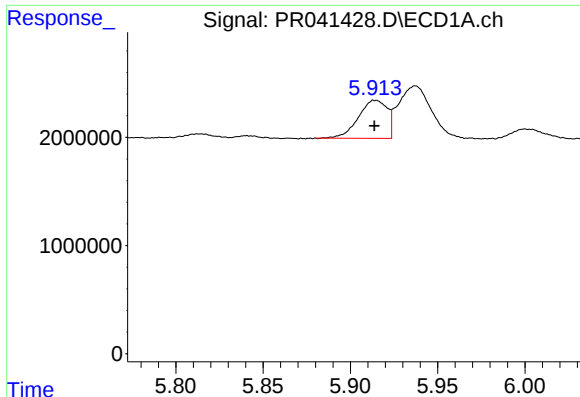
#20 AR-1242-5

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 38678896
Conc: 754.59 ng/ml



#20 AR-1242-5

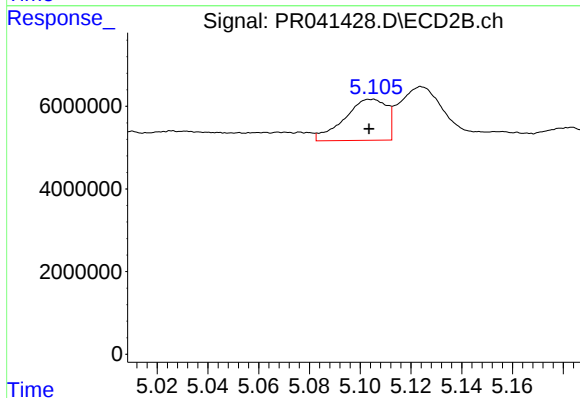
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 91985367
Conc: 542.25 ng/ml



#21 AR-1248-1

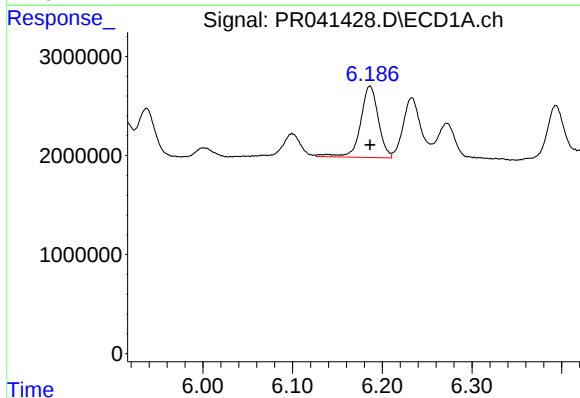
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 4051748
Conc: 110.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



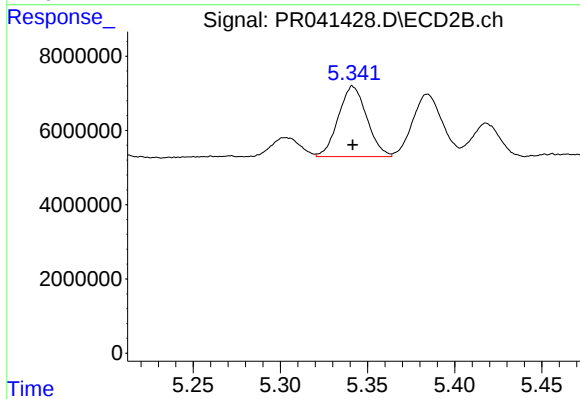
#21 AR-1248-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 11490503
Conc: 136.32 ng/ml



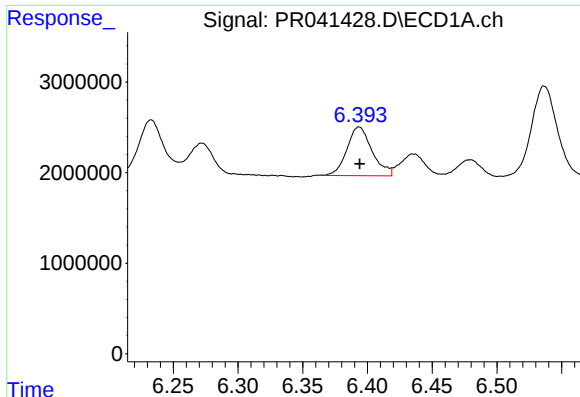
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 9910426
Conc: 179.92 ng/ml



#22 AR-1248-2

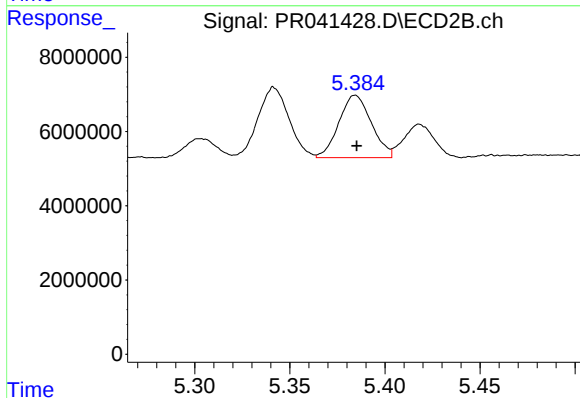
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 21598024
Conc: 177.57 ng/ml



#23 AR-1248-3

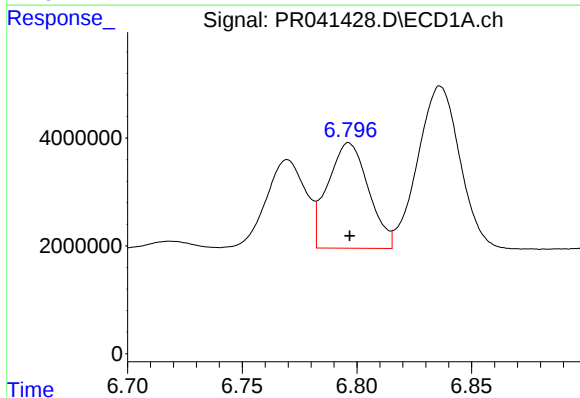
R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 7268898
Conc: 113.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



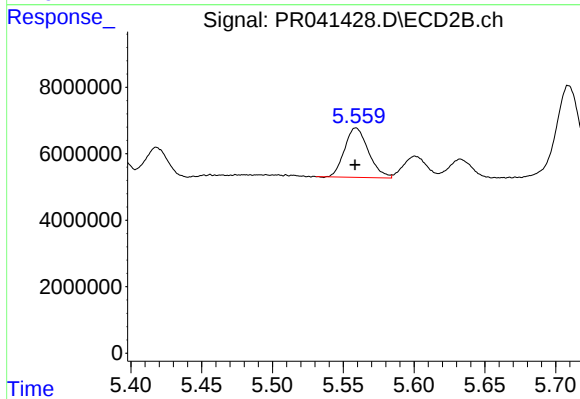
#23 AR-1248-3

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 19980873
Conc: 157.60 ng/ml



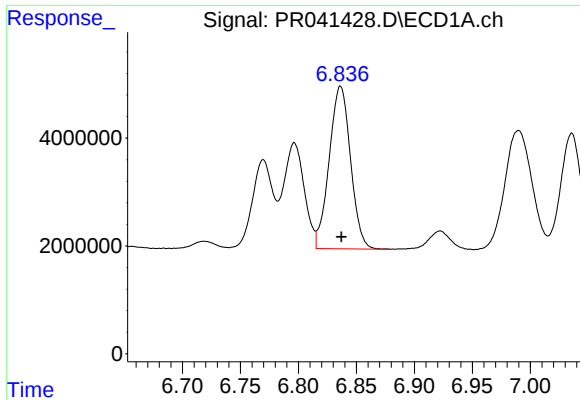
#24 AR-1248-4

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 24163568
Conc: 283.13 ng/ml



#24 AR-1248-4

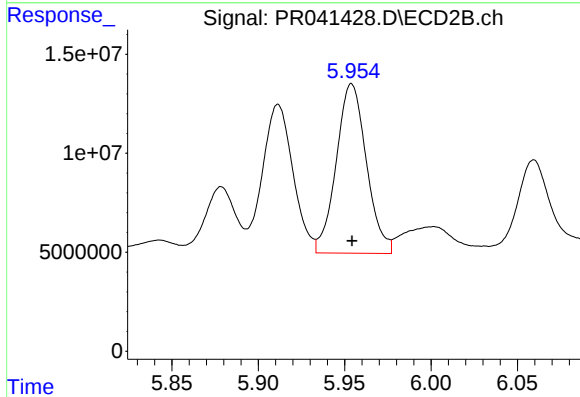
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 17407337
Conc: 103.71 ng/ml



#25 AR-1248-5

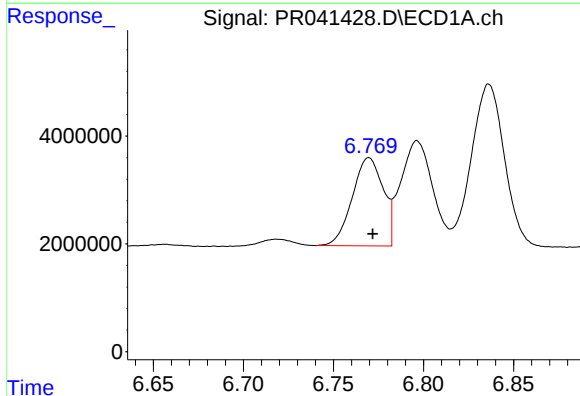
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 38678896
Conc: 474.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



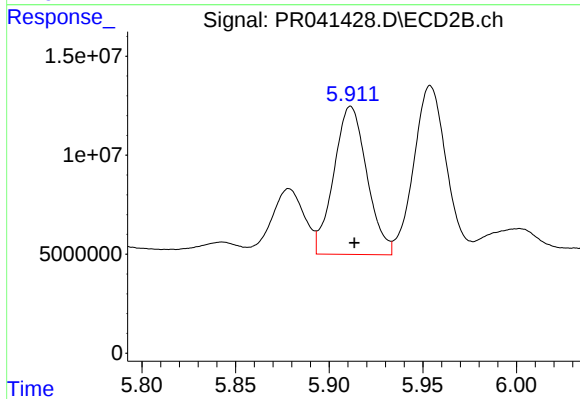
#25 AR-1248-5

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 104143918
Conc: 478.31 ng/ml



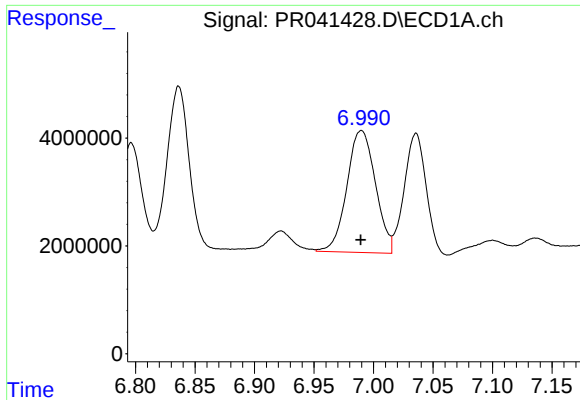
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 19538849
Conc: 234.79 ng/ml



#26 AR-1254-1

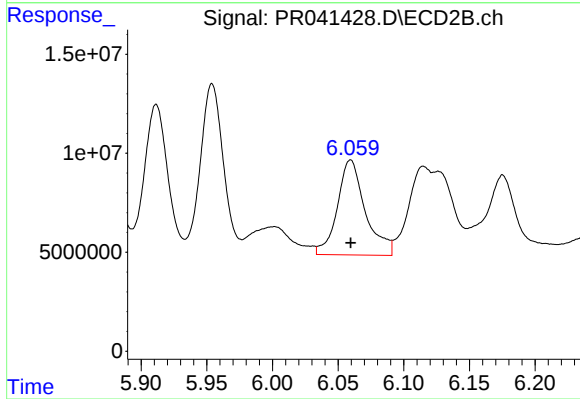
R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 91985367
Conc: 283.64 ng/ml



#27 AR-1254-2

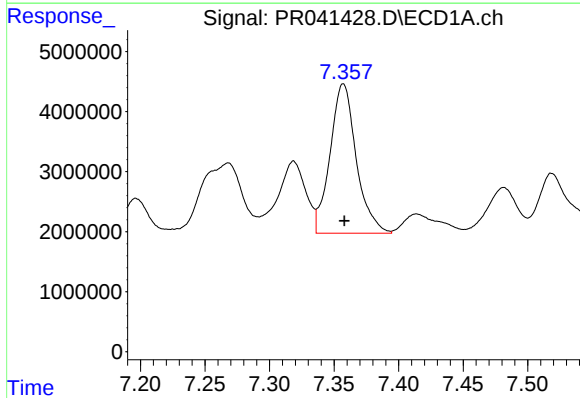
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 37767470
Conc: 268.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



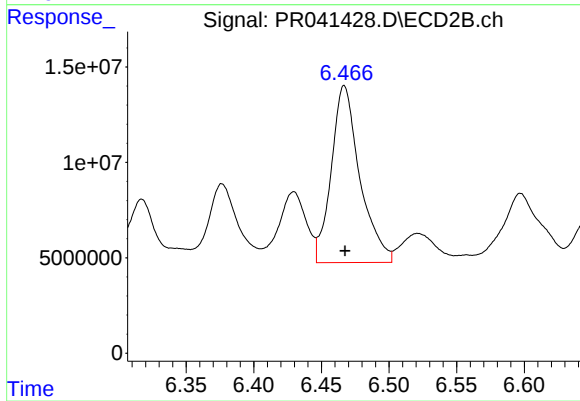
#27 AR-1254-2

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 71365998
Conc: 233.60 ng/ml



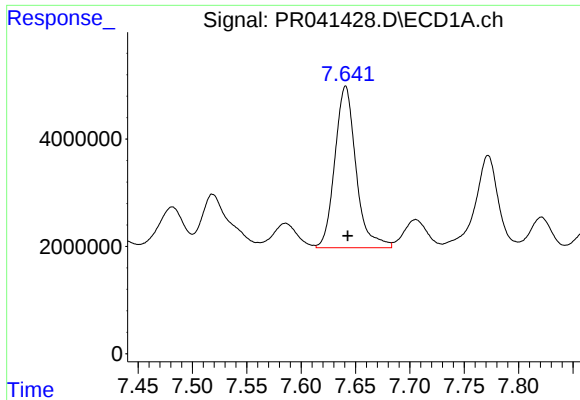
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 35138661
Conc: 207.38 ng/ml



#28 AR-1254-3

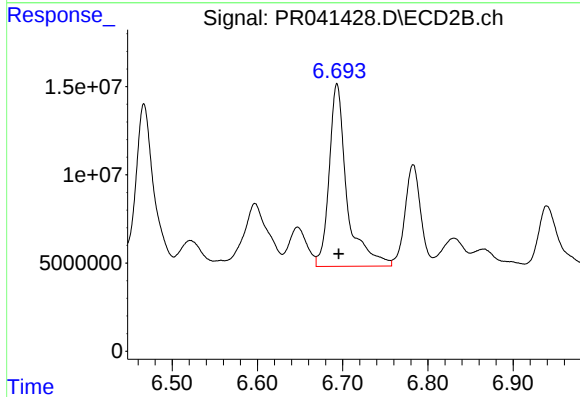
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 136436572
Conc: 243.83 ng/ml



#29 AR-1254-4

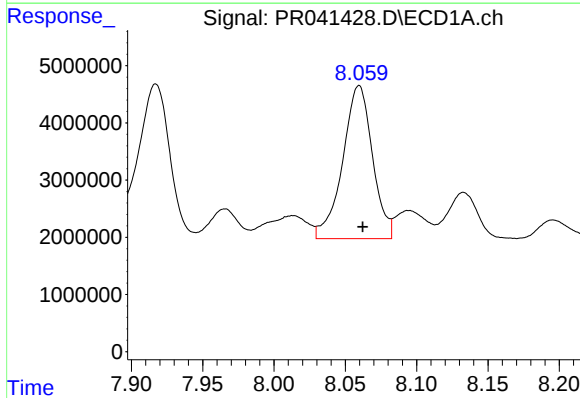
R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 40803675
Conc: 300.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



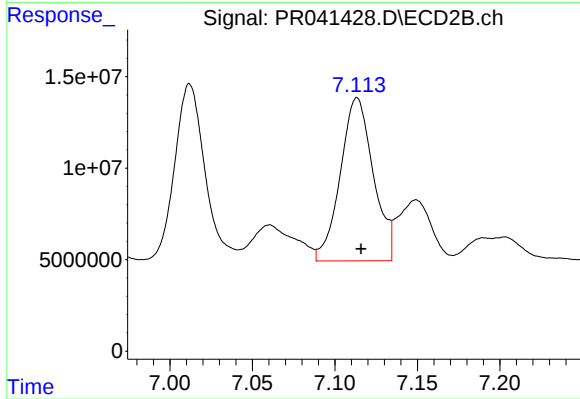
#29 AR-1254-4

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 150562997
Conc: 352.81 ng/ml



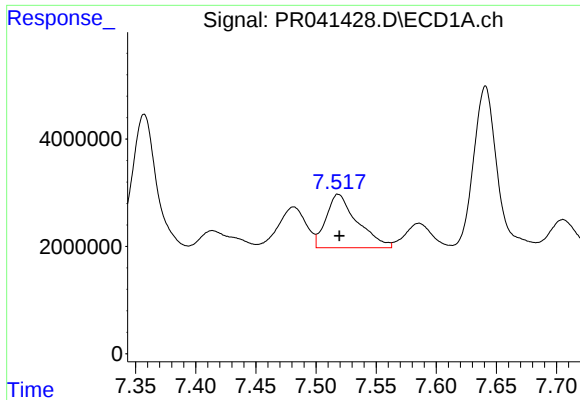
#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 38975934
Conc: 253.47 ng/ml



#30 AR-1254-5

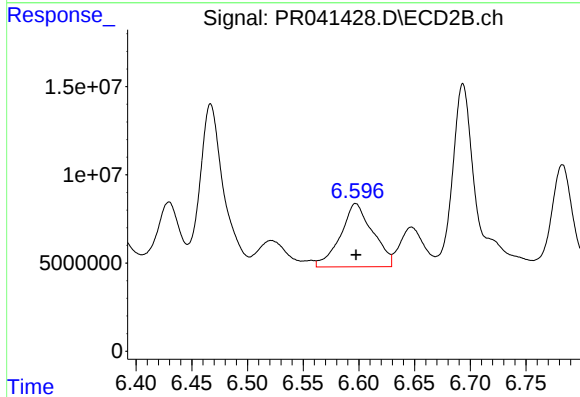
R.T.: 7.113 min
Delta R.T.: -0.002 min
Response: 123957127
Conc: 214.27 ng/ml



#31 AR-1260-1

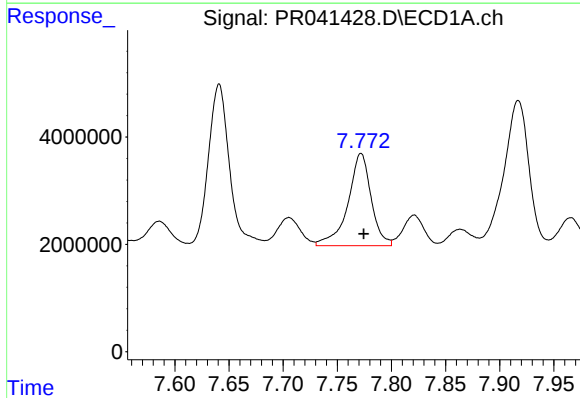
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 17949829
Conc: 151.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



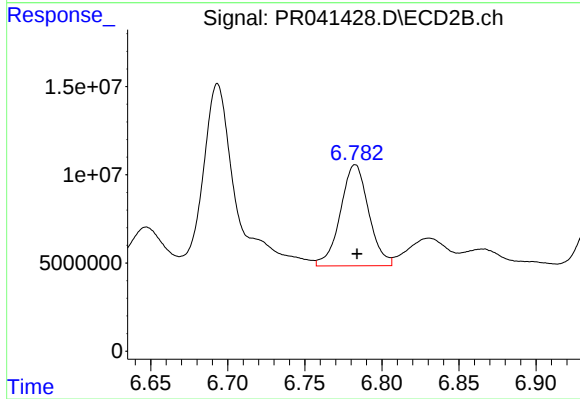
#31 AR-1260-1

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 72232530
Conc: 185.46 ng/ml



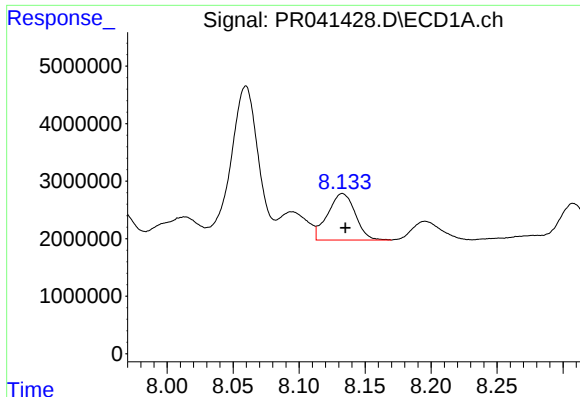
#32 AR-1260-2

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 25655383
Conc: 173.85 ng/ml



#32 AR-1260-2

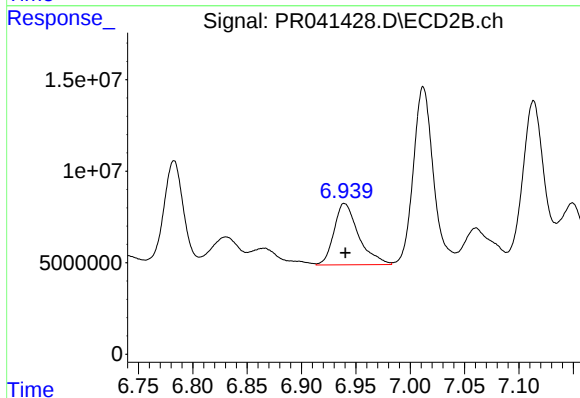
R.T.: 6.783 min
Delta R.T.: -0.001 min
Response: 73305303
Conc: 135.98 ng/ml



#33 AR-1260-3

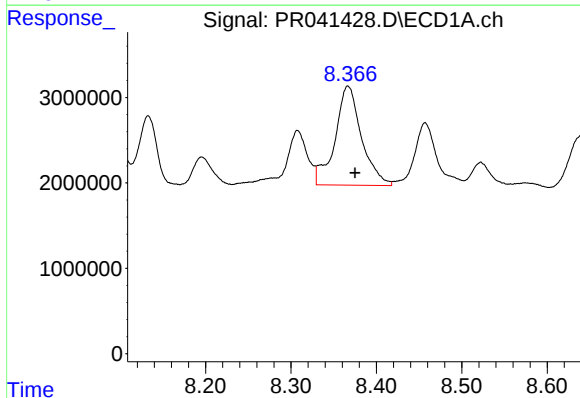
R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 11790656
Conc: 101.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



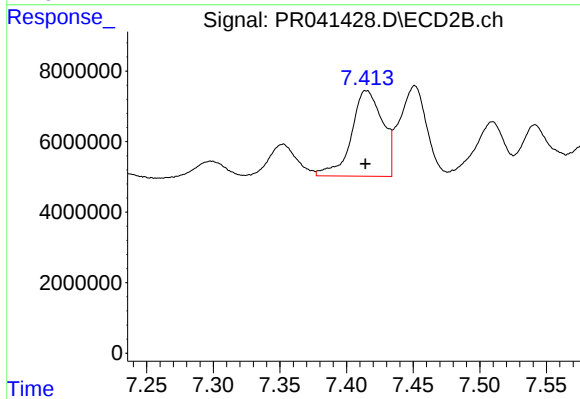
#33 AR-1260-3

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 52808700
Conc: 113.05 ng/ml



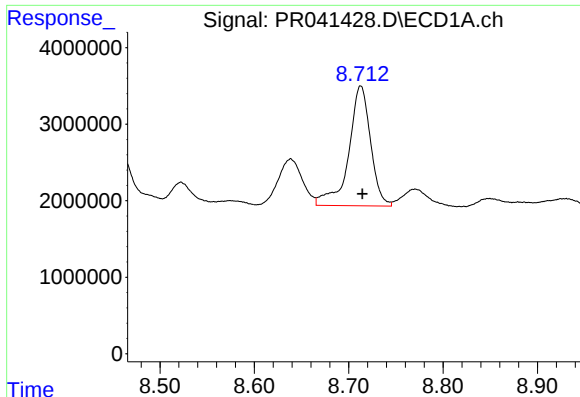
#34 AR-1260-4

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 25021274
Conc: 175.25 ng/ml



#34 AR-1260-4

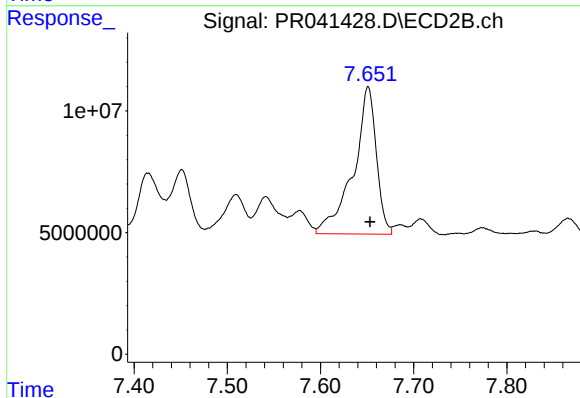
R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 39568452
Conc: 93.36 ng/ml



#35 AR-1260-5

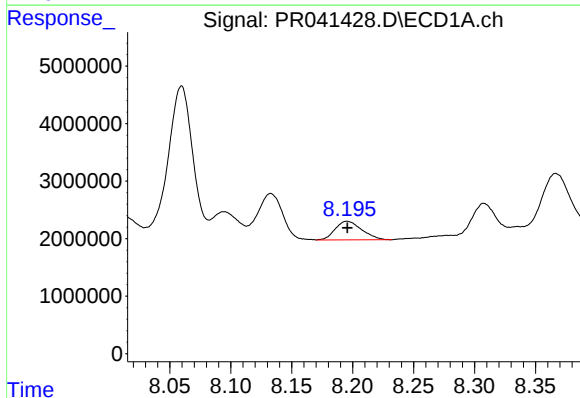
R.T.: 8.713 min
Delta R.T.: -0.002 min
Response: 25263825
Conc: 82.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



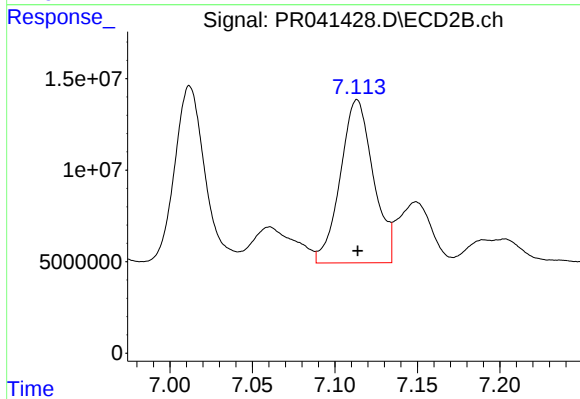
#35 AR-1260-5

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 103793345
Conc: 85.21 ng/ml



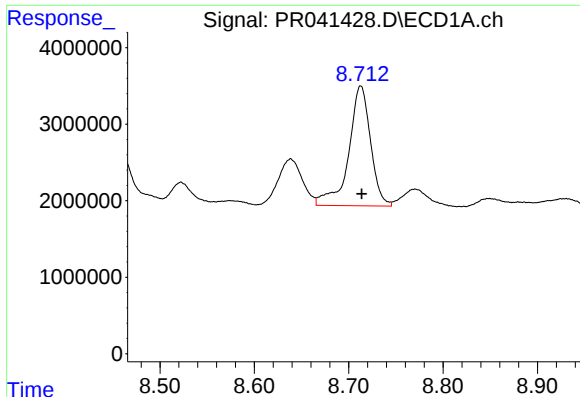
#36 AR-1262-1

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 4931246
Conc: 64.03 ng/ml



#36 AR-1262-1

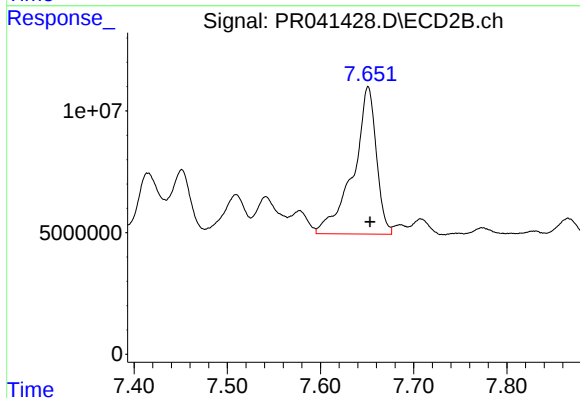
R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 123957127
Conc: 370.35 ng/ml



#37 AR-1262-2

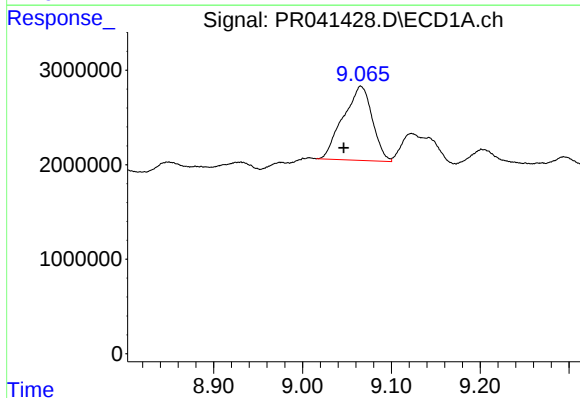
R.T.: 8.713 min
Delta R.T.: -0.001 min
Response: 25263825
Conc: 66.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



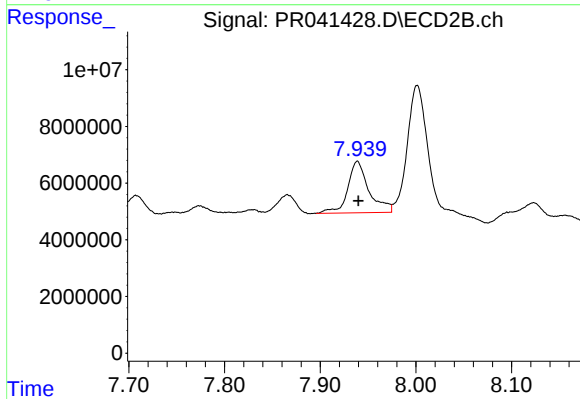
#37 AR-1262-2

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 103793345
Conc: 75.16 ng/ml



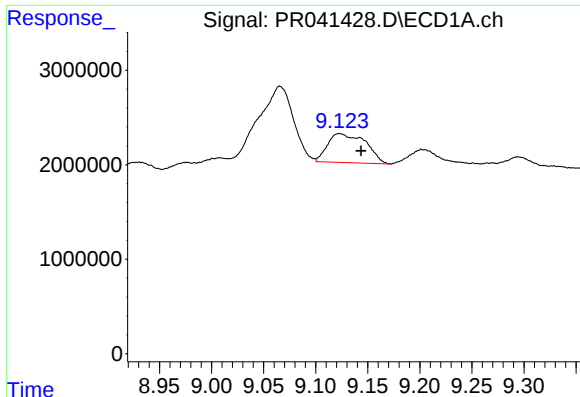
#38 AR-1262-3

R.T.: 9.066 min
Delta R.T.: 0.019 min
Response: 17897288
Conc: 67.88 ng/ml



#38 AR-1262-3

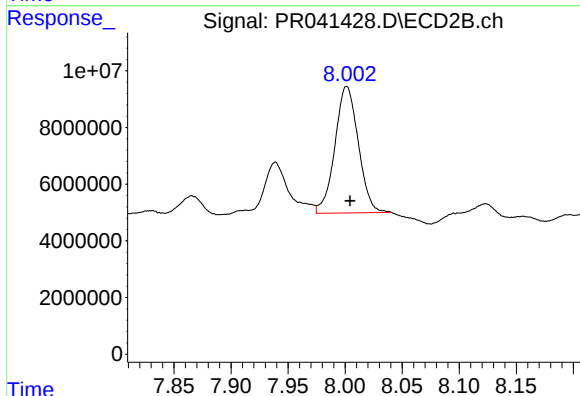
R.T.: 7.939 min
Delta R.T.: -0.001 min
Response: 28048669
Conc: 49.04 ng/ml



#39 AR-1262-4

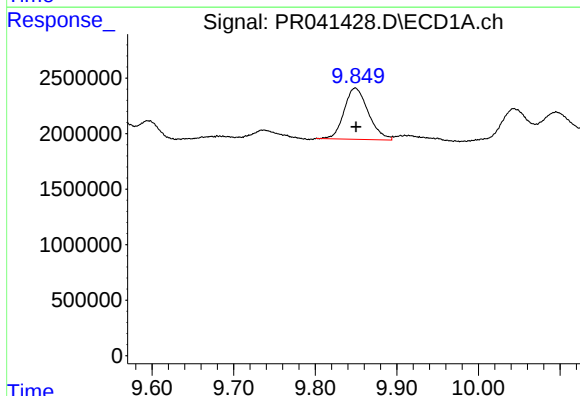
R.T.: 9.123 min
Delta R.T.: -0.021 min
Response: 7770190
Conc: 39.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



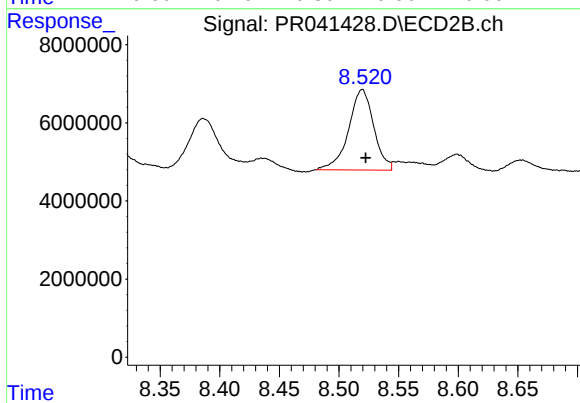
#39 AR-1262-4

R.T.: 8.001 min
Delta R.T.: -0.003 min
Response: 63795279
Conc: 62.95 ng/ml



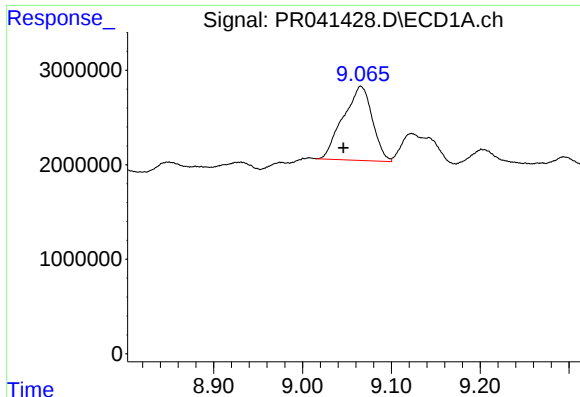
#40 AR-1262-5

R.T.: 9.849 min
Delta R.T.: 0.000 min
Response: 9490430
Conc: 60.61 ng/ml



#40 AR-1262-5

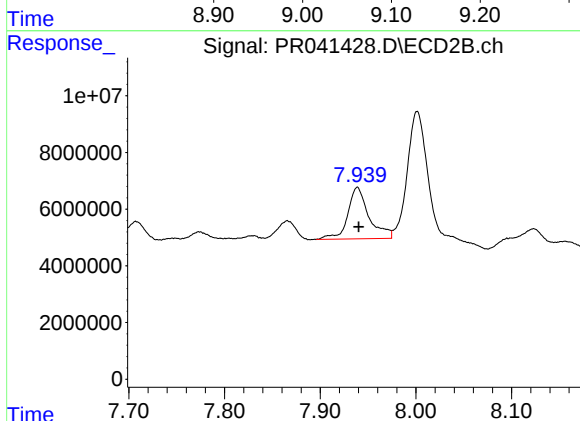
R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 30309716
Conc: 54.14 ng/ml



#41 AR-1268-1

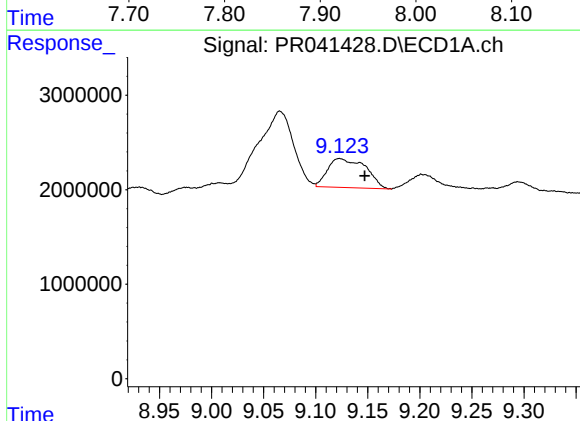
R.T.: 9.066 min
Delta R.T.: 0.020 min
Response: 17897288
Conc: 37.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



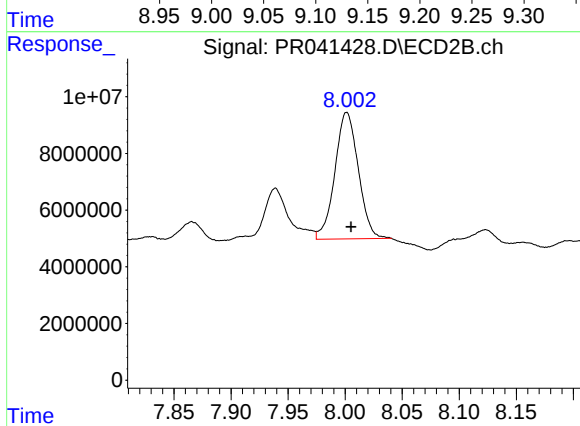
#41 AR-1268-1

R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 28048669
Conc: 16.57 ng/ml



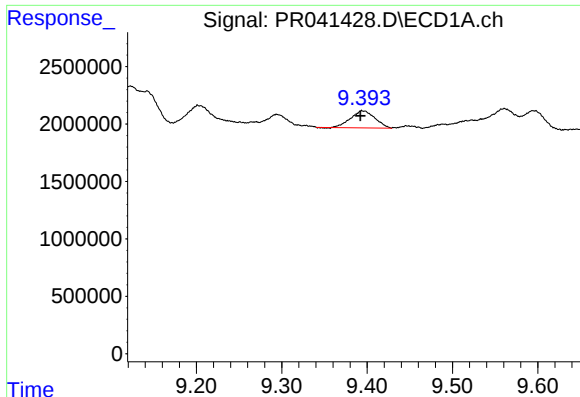
#42 AR-1268-2

R.T.: 9.123 min
Delta R.T.: -0.024 min
Response: 7770190
Conc: 17.57 ng/ml



#42 AR-1268-2

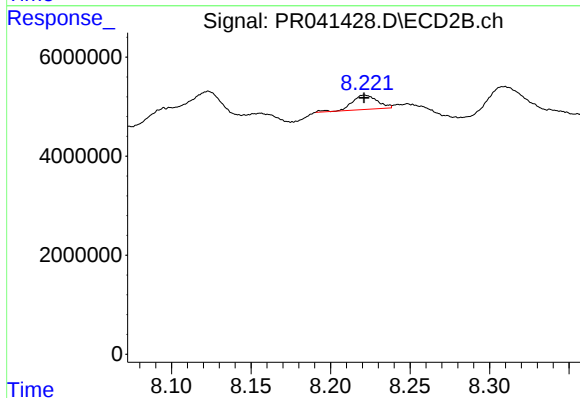
R.T.: 8.001 min
Delta R.T.: -0.004 min
Response: 63795279
Conc: 40.78 ng/ml



#43 AR-1268-3

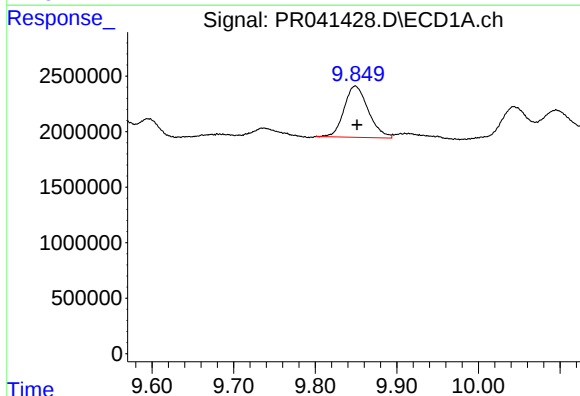
R.T.: 9.394 min
Delta R.T.: 0.002 min
Response: 2956115
Conc: 8.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



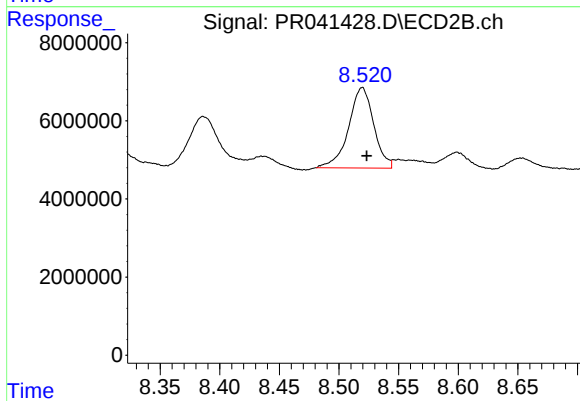
#43 AR-1268-3

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 3195233
Conc: 2.41 ng/ml



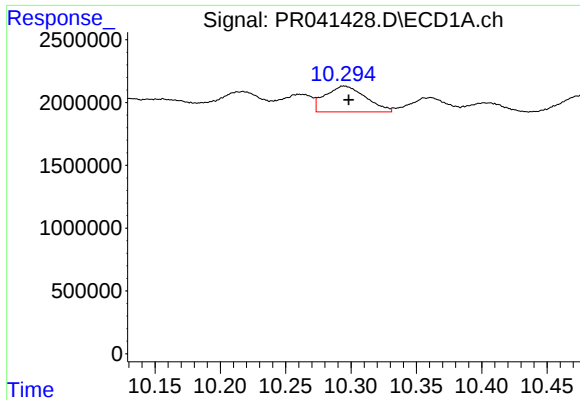
#44 AR-1268-4

R.T.: 9.849 min
Delta R.T.: -0.002 min
Response: 9490430
Conc: 54.21 ng/ml



#44 AR-1268-4

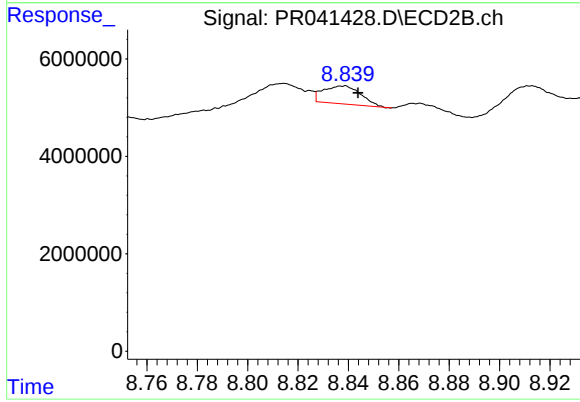
R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 30309716
Conc: 50.50 ng/ml



#45 AR-1268-5

R.T.: 10.295 min
Delta R.T.: -0.004 min
Response: 4410609
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ7



#45 AR-1268-5

R.T.: 8.838 min
Delta R.T.: -0.006 min
Response: 3824840
Conc: 0.87 ng/ml