

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092419\
 Data File : PR041476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 13:24
 Operator : SM\AJ
 Sample : K4958-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNZ3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:33:49 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	27612289	122.4E6	20.801	20.238
2)	SA Decachlor...	10.661	9.124	111.7E6	311.4E6	34.985	28.862
Target Compounds							
3)	L1 AR-1016-1	5.914	5.103	7128416	18036464	111.474	122.406
4)	L1 AR-1016-2	5.938	5.123	13990043	29590441	153.631	143.726
5)	L1 AR-1016-3	6.003	5.304	2422647	11956715	44.148	101.039 #
6)	L1 AR-1016-4	6.098	5.341	4805348	34928914	100.186	358.554 #
7)	L1 AR-1016-5	6.393	5.558	17568251	46517074	355.116	334.599
8)	L2 AR-1221-1	0.000	4.257f	0	217594	N.D.	3.796 #
9)	L2 AR-1221-2	0.000	4.312	0	1442939	N.D.	41.376 #
10)	L2 AR-1221-3	0.000	4.385	0	483773	N.D.	4.562 #
11)	L3 AR-1232-1	0.000	4.385	0	483773	N.D.	6.002 #
12)	L3 AR-1232-2	5.645	5.123	13911587	29590441	850.344	304.257 #
13)	L3 AR-1232-3	5.938	5.304	13990043	11956715	369.012	266.275 #
14)	L3 AR-1232-4	6.098	5.384	4805348	36392642	260.429	868.842 #
15)	L3 AR-1232-5	6.186	5.558	15702039	46517074	1136.373	869.573
16)	L4 AR-1242-1	5.914	5.103	7128416	18036464	138.587	160.851
17)	L4 AR-1242-2	5.938	5.123	13990043	29590441	191.947	185.069
18)	L4 AR-1242-3	6.003	5.304	2422647	11956715	54.790	131.818 #
19)	L4 AR-1242-4	6.098	5.384	4805348	36392642	130.991	386.722 #
20)	L4 AR-1242-5	6.836	5.911	23779925	76385598	463.925	450.286
21)	L5 AR-1248-1	5.914	5.103	7128416	18036464	194.204	213.986
22)	L5 AR-1248-2	6.186	5.341	15702039	34928914	285.063	287.177
23)	L5 AR-1248-3	6.393	5.384	17568251	36392642	273.605	287.056
24)	L5 AR-1248-4	6.796	5.558	19878944	46517074	232.930	277.140
25)	L5 AR-1248-5	6.836	5.953	23779925	63626123	291.833	292.222
26)	L6 AR-1254-1	6.770	5.911	13544803	76385598	162.765	235.540 #
27)	L6 AR-1254-2	6.994	6.058	23980191	35380384	170.659	115.810 #
28)	L6 AR-1254-3	7.356	6.466	13808184	112.4E6	81.494	200.811 #
29)	L6 AR-1254-4	7.641	6.693	11355562	44140478	83.654	103.432
30)	L6 AR-1254-5	8.060	7.113	4004336	16730592	26.041	28.920
31)	L7 AR-1260-1	7.518	6.613	2778844	27157200	23.466	69.726 #
32)	L7 AR-1260-2	7.770	6.782	5152401	16446686	34.915	30.508
33)	L7 AR-1260-3	8.135	6.939	821257	10224179	7.082	21.888 #
34)	L7 AR-1260-4	8.366	7.415	3435660	5523824	24.063	13.033 #
35)	L7 AR-1260-5	8.714	7.651	3441506	11164725	11.171	9.166
36)	L8 AR-1262-1	8.196	7.113	819982	16730592	10.646	49.986 #
37)	L8 AR-1262-2	8.714	7.651	3441506	11164725	9.077	8.085
38)	L8 AR-1262-3	9.066	7.940	1667268	3299716	6.323	5.769
39)	L8 AR-1262-4	9.204f	8.003	-760736	5874300	N.D.	5.797 #
40)	L8 AR-1262-5	0.000	8.518	0	3411767	N.D.	6.095 #
41)	L9 AR-1268-1	9.066	7.940	1667268	3299716	3.467	1.950 #

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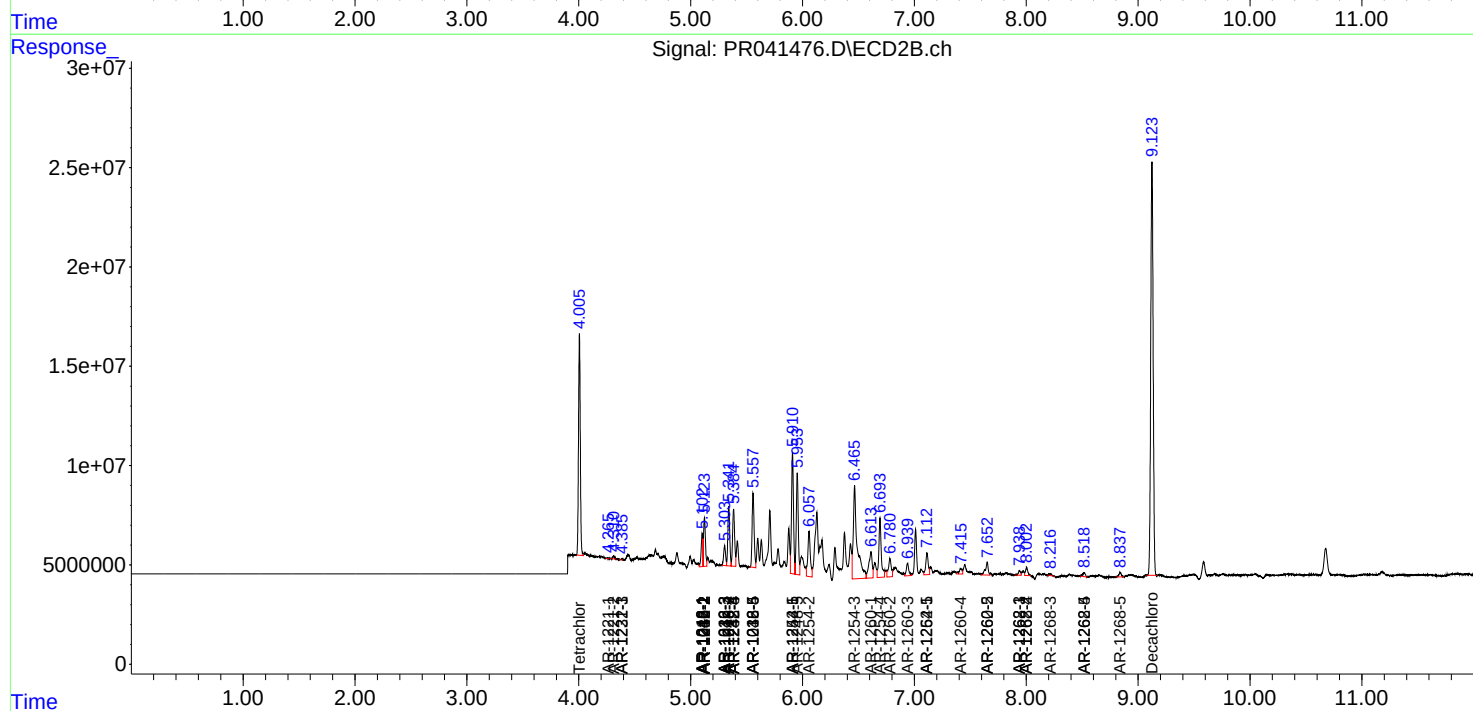
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

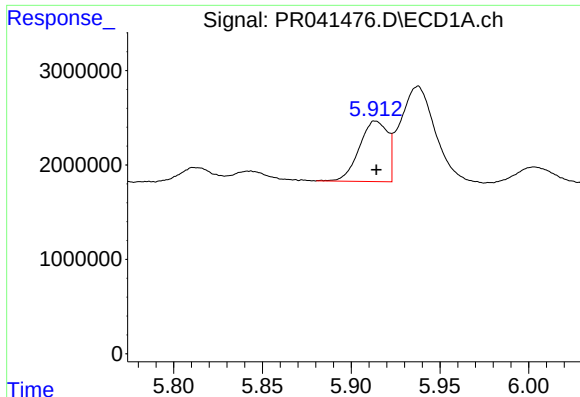
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.204f	8.003	-760736	5874300	N.D.	3.755 #
43) L9	AR-1268-3	0.000	8.216	0	1315202	N.D.	0.994 #
44) L9	AR-1268-4	0.000	8.518	0	3411767	N.D.	5.685 #
45) L9	AR-1268-5	0.000	8.838	0	3468163	N.D.	0.787 #

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

Instrument :
ECD_R
ClientSampleId :
ESNZ3

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

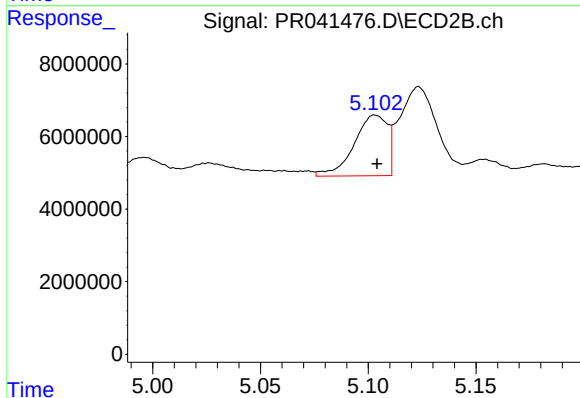




#3 AR-1016-1

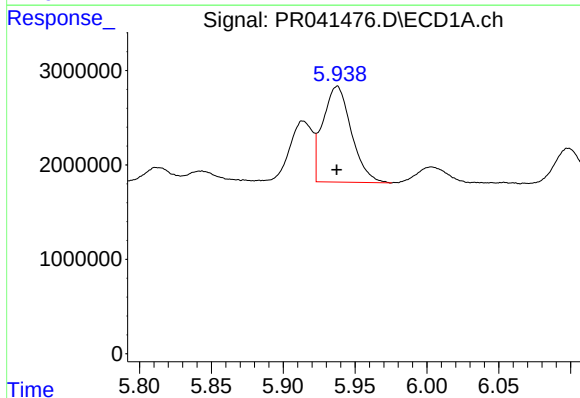
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7128416
Conc: 111.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



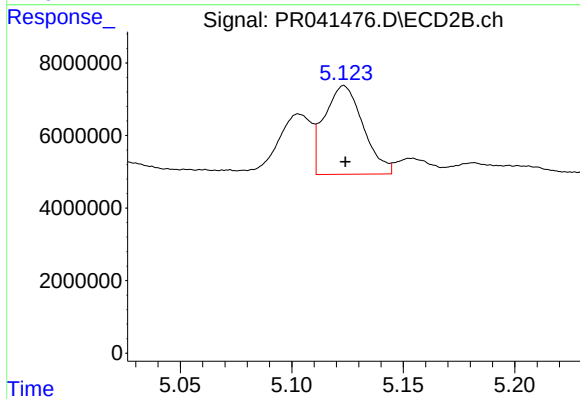
#3 AR-1016-1

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 18036464
Conc: 122.41 ng/ml



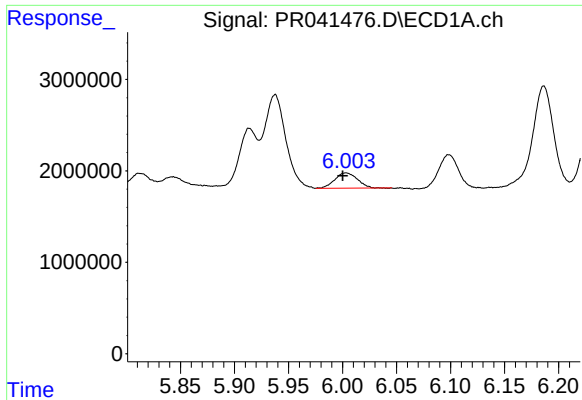
#4 AR-1016-2

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 13990043
Conc: 153.63 ng/ml



#4 AR-1016-2

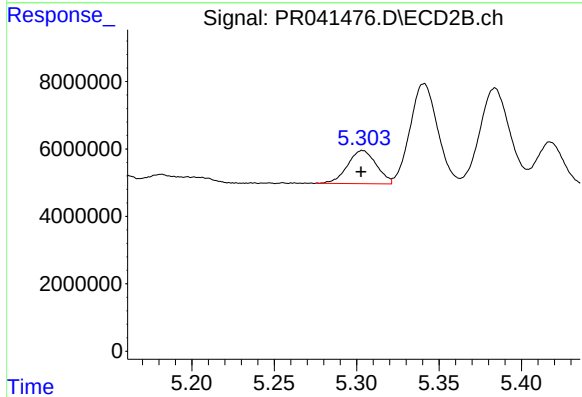
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 29590441
Conc: 143.73 ng/ml



#5 AR-1016-3

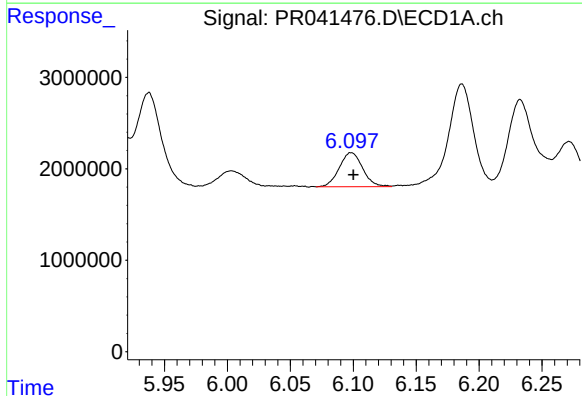
R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2422647
Conc: 44.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



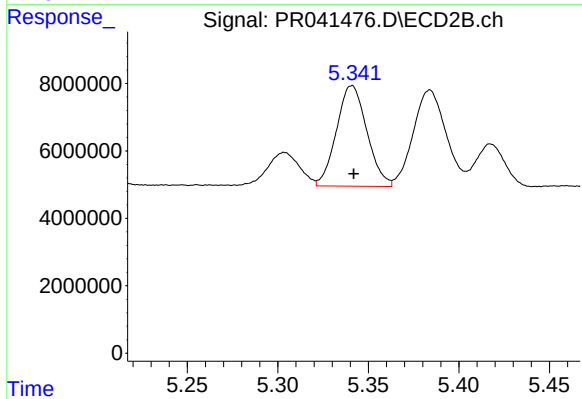
#5 AR-1016-3

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 11956715
Conc: 101.04 ng/ml



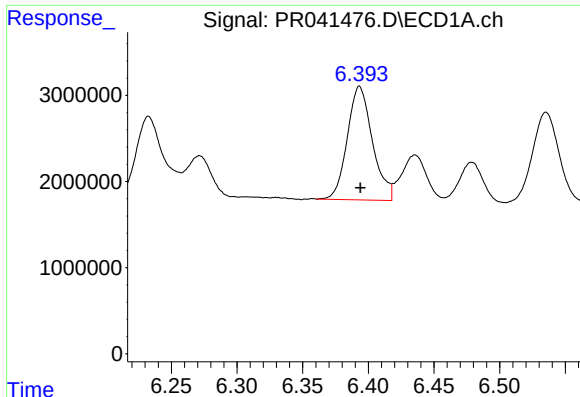
#6 AR-1016-4

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 4805348
Conc: 100.19 ng/ml



#6 AR-1016-4

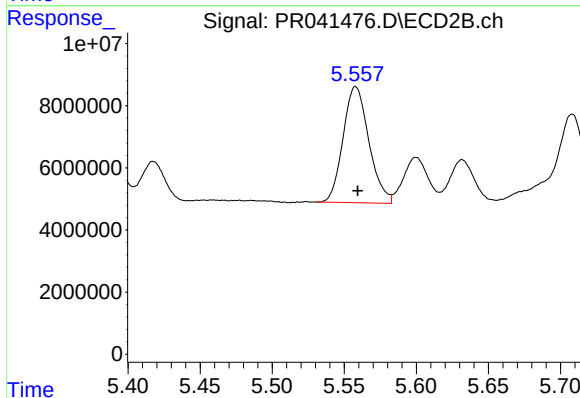
R.T.: 5.341 min
Delta R.T.: -0.001 min
Response: 34928914
Conc: 358.55 ng/ml



#7 AR-1016-5

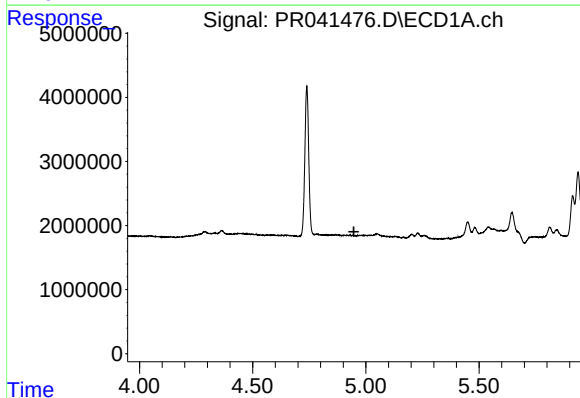
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 17568251
Conc: 355.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



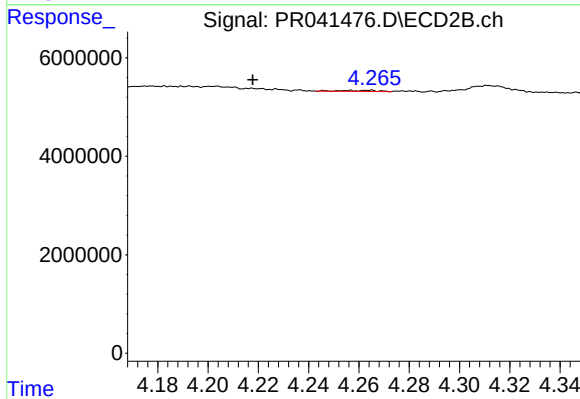
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 46517074
Conc: 334.60 ng/ml



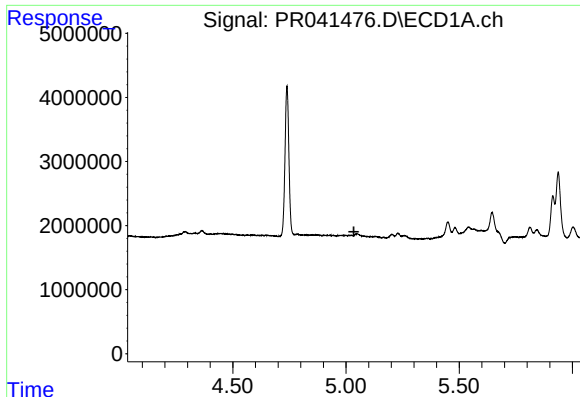
#8 AR-1221-1

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



#8 AR-1221-1

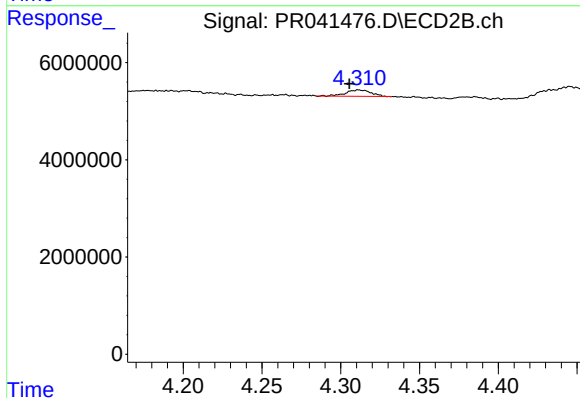
R.T.: 4.257 min
Delta R.T.: 0.039 min
Response: 217594
Conc: 3.80 ng/ml



#9 AR-1221-2

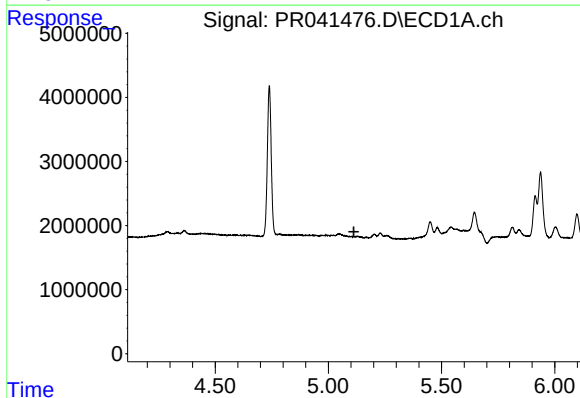
R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ3



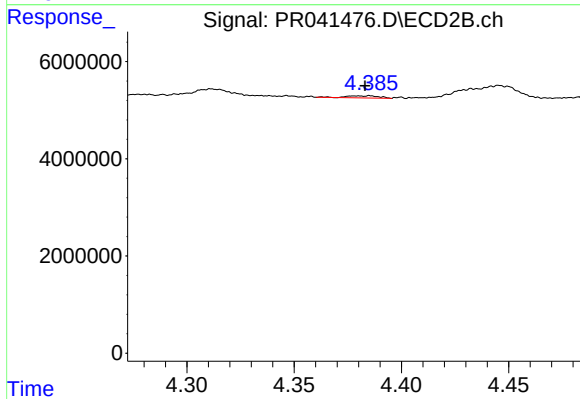
#9 AR-1221-2

R.T.: 4.312 min
Delta R.T.: 0.006 min
Response: 1442939
Conc: 41.38 ng/ml



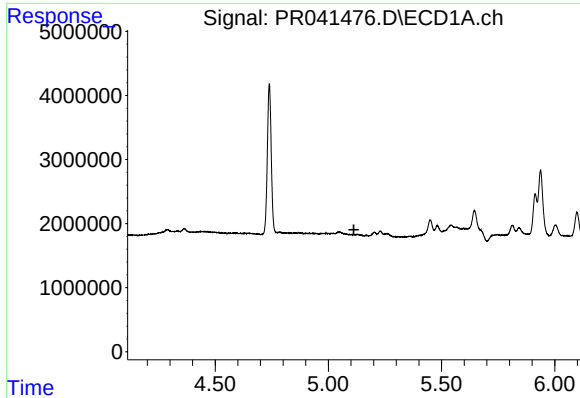
#10 AR-1221-3

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



#10 AR-1221-3

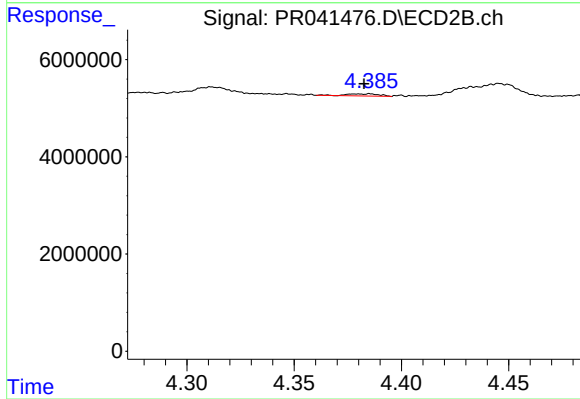
R.T.: 4.385 min
Delta R.T.: 0.002 min
Response: 483773
Conc: 4.56 ng/ml



#11 AR-1232-1

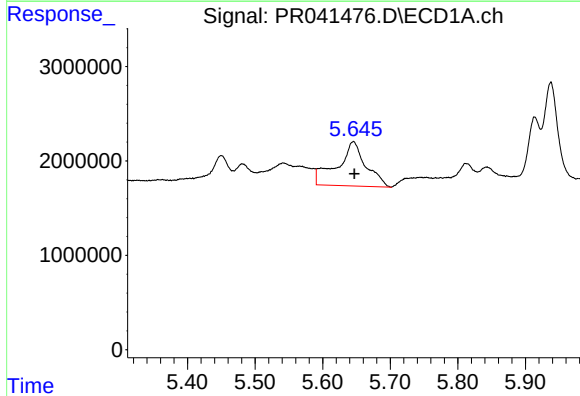
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ3



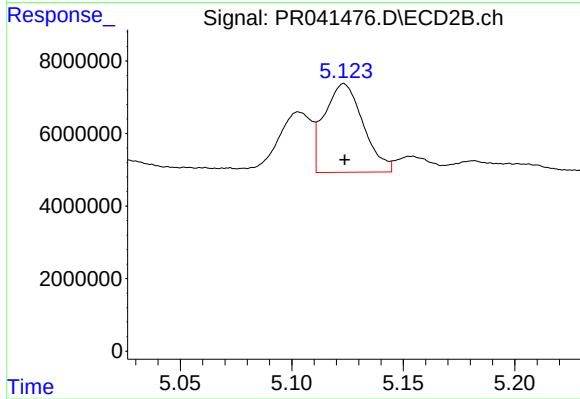
#11 AR-1232-1

R.T.: 4.385 min
Delta R.T.: 0.003 min
Response: 483773
Conc: 6.00 ng/ml



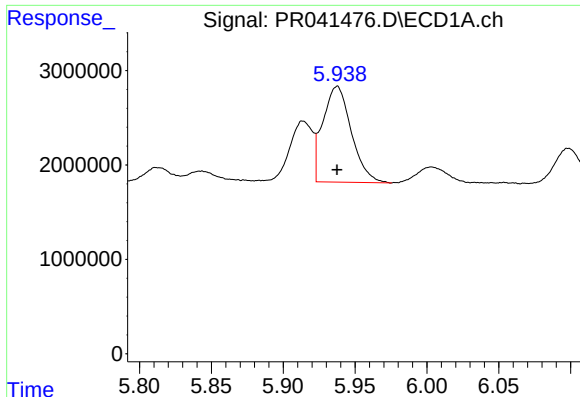
#12 AR-1232-2

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 13911587
Conc: 850.34 ng/ml



#12 AR-1232-2

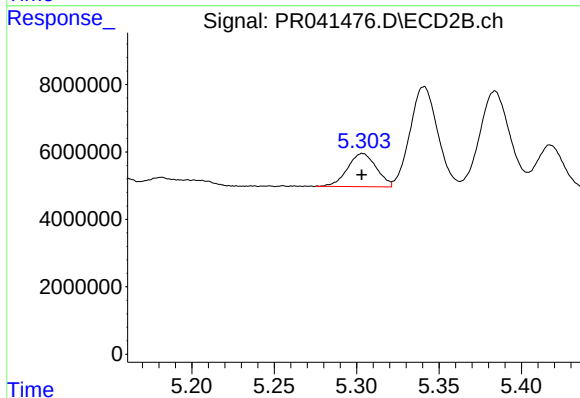
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 29590441
Conc: 304.26 ng/ml



#13 AR-1232-3

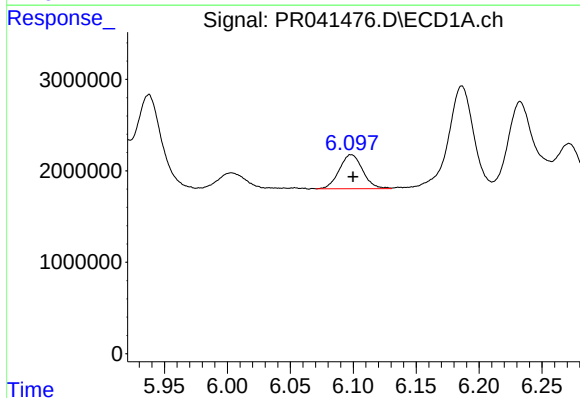
R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 13990043
Conc: 369.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



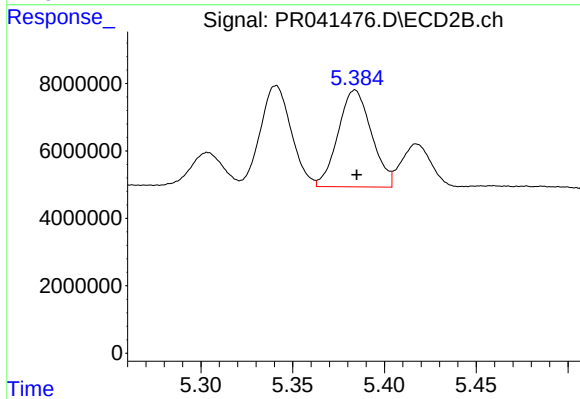
#13 AR-1232-3

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 11956715
Conc: 266.28 ng/ml



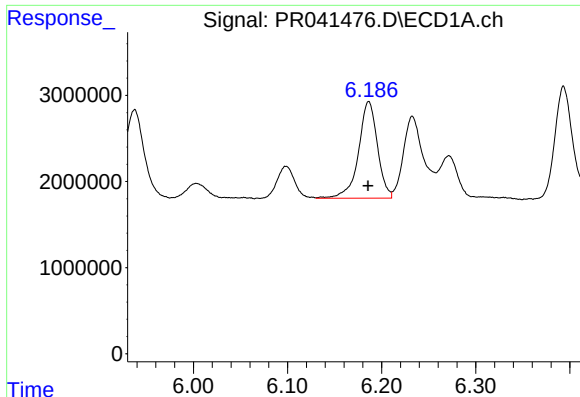
#14 AR-1232-4

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 4805348
Conc: 260.43 ng/ml



#14 AR-1232-4

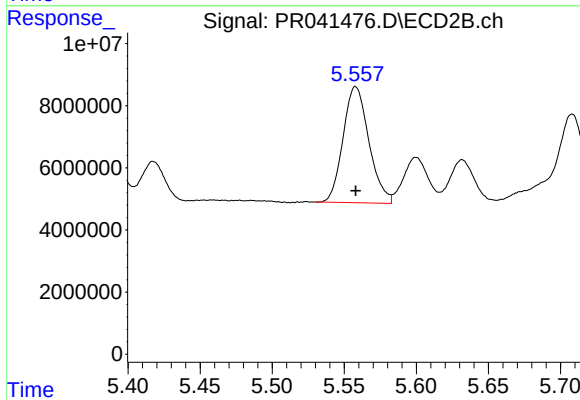
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 36392642
Conc: 868.84 ng/ml



#15 AR-1232-5

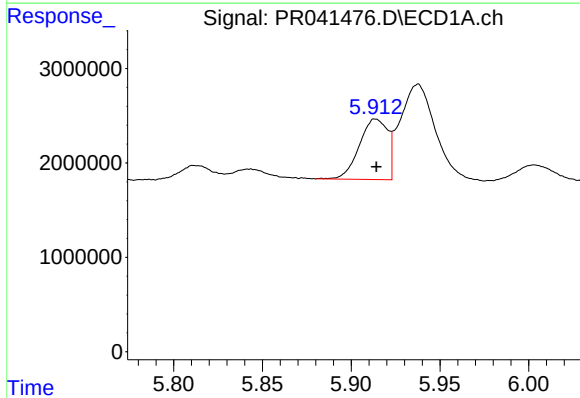
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 15702039
Conc: 1136.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



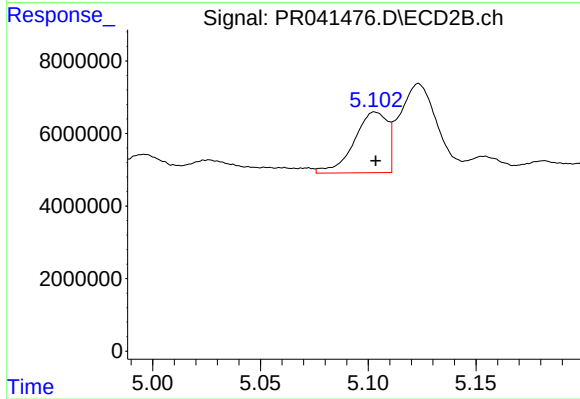
#15 AR-1232-5

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 46517074
Conc: 869.57 ng/ml



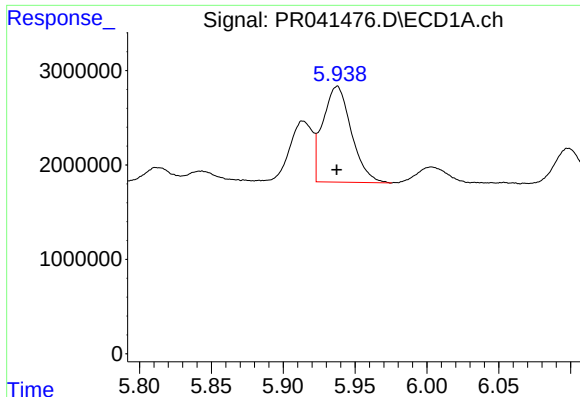
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7128416
Conc: 138.59 ng/ml



#16 AR-1242-1

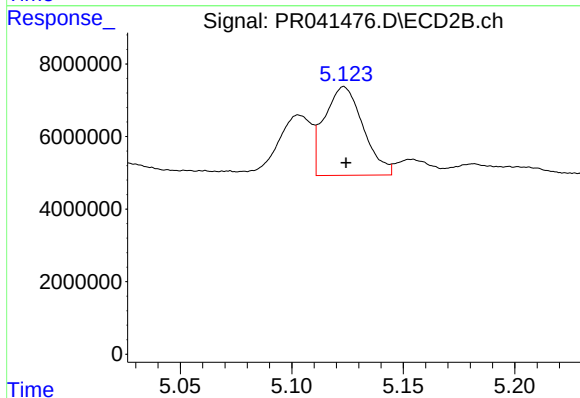
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 18036464
Conc: 160.85 ng/ml



#17 AR-1242-2

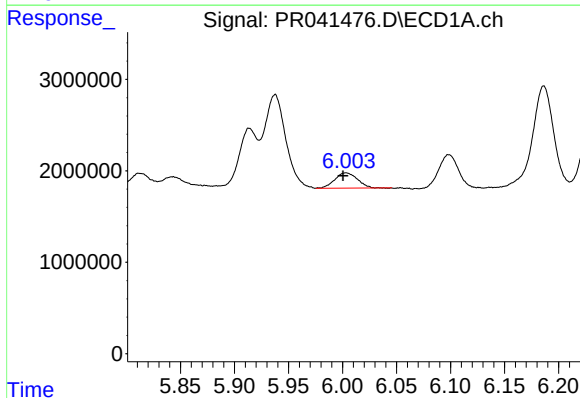
R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 13990043
Conc: 191.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



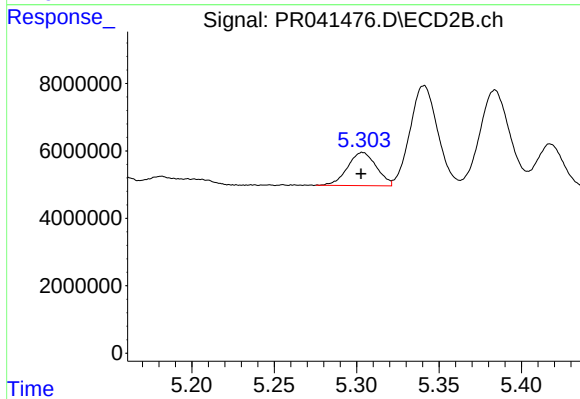
#17 AR-1242-2

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 29590441
Conc: 185.07 ng/ml



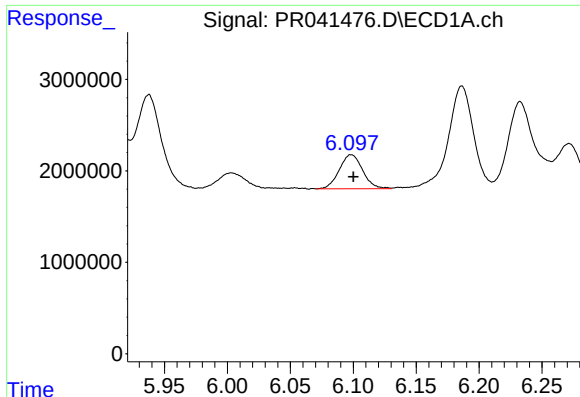
#18 AR-1242-3

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2422647
Conc: 54.79 ng/ml



#18 AR-1242-3

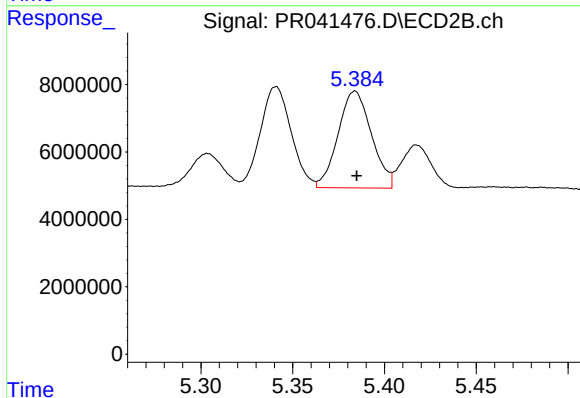
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 11956715
Conc: 131.82 ng/ml



#19 AR-1242-4

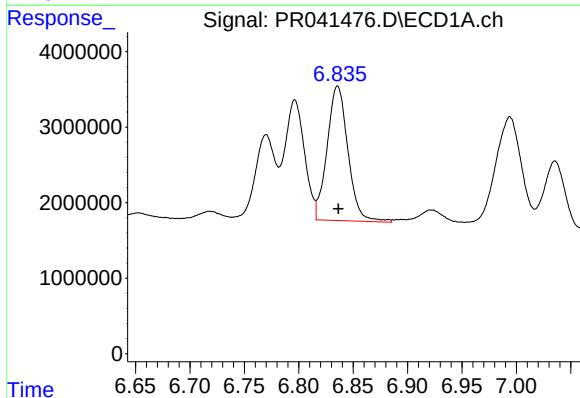
R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 4805348
Conc: 130.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



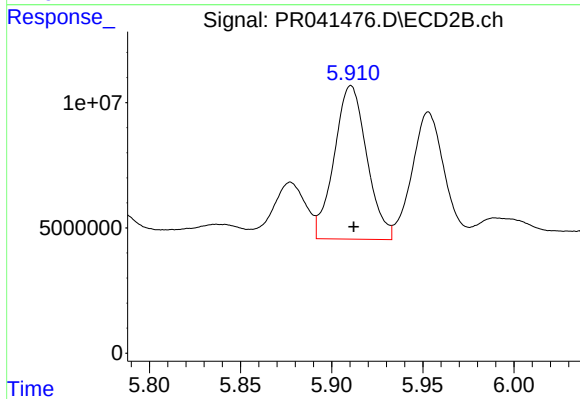
#19 AR-1242-4

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 36392642
Conc: 386.72 ng/ml



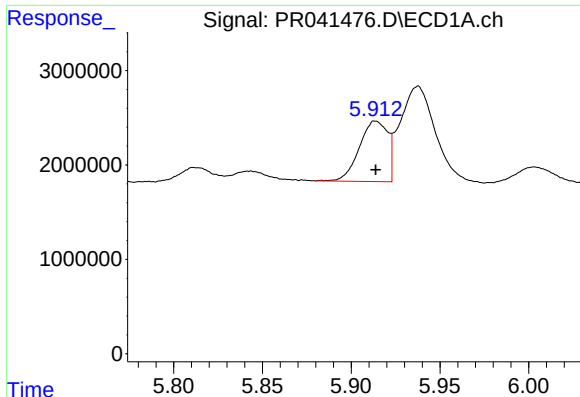
#20 AR-1242-5

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 23779925
Conc: 463.92 ng/ml



#20 AR-1242-5

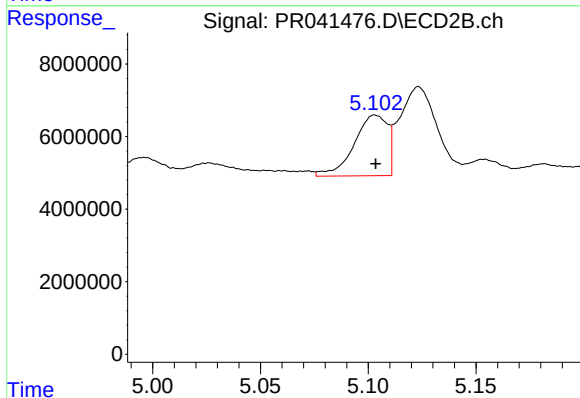
R.T.: 5.911 min
Delta R.T.: -0.002 min
Response: 76385598
Conc: 450.29 ng/ml



#21 AR-1248-1

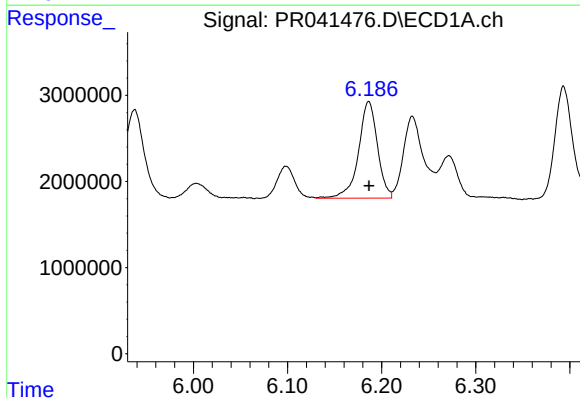
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 7128416
Conc: 194.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



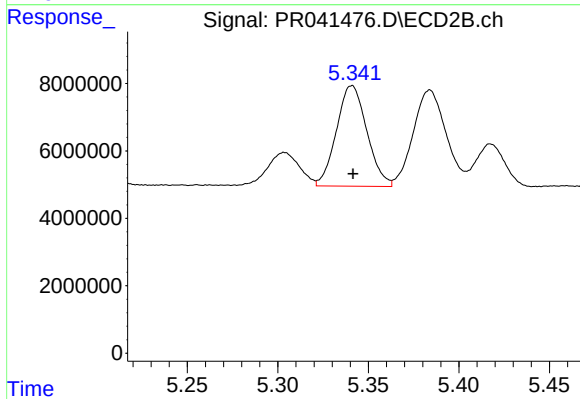
#21 AR-1248-1

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 18036464
Conc: 213.99 ng/ml



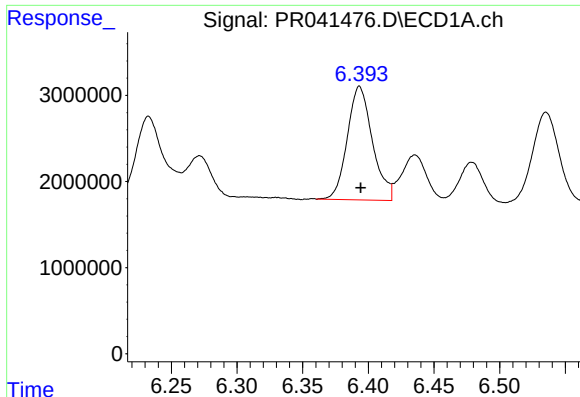
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 15702039
Conc: 285.06 ng/ml



#22 AR-1248-2

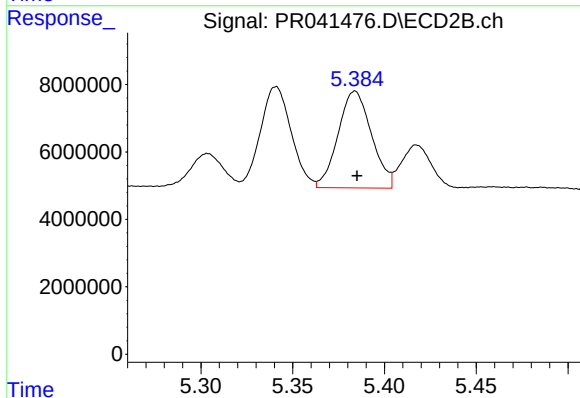
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 34928914
Conc: 287.18 ng/ml



#23 AR-1248-3

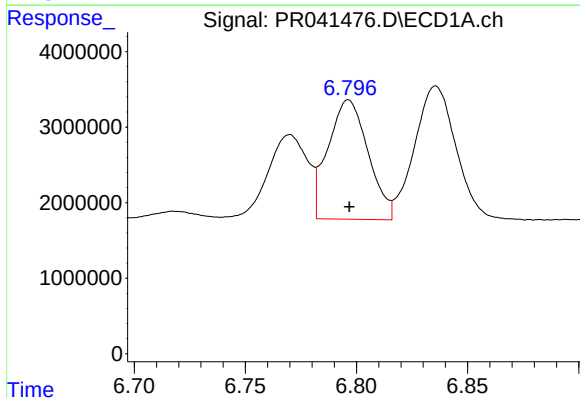
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 17568251
Conc: 273.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



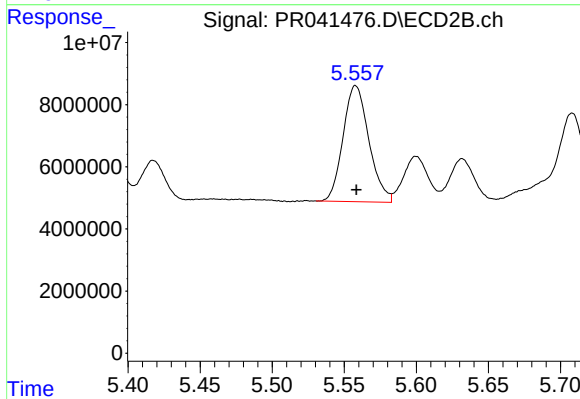
#23 AR-1248-3

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 36392642
Conc: 287.06 ng/ml



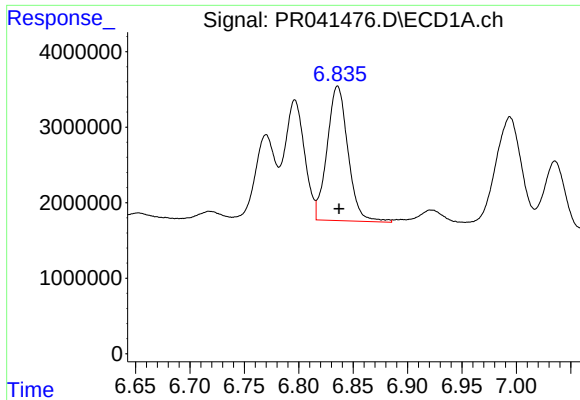
#24 AR-1248-4

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 19878944
Conc: 232.93 ng/ml



#24 AR-1248-4

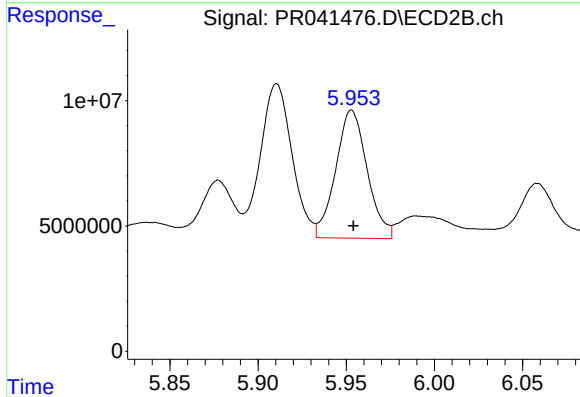
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 46517074
Conc: 277.14 ng/ml



#25 AR-1248-5

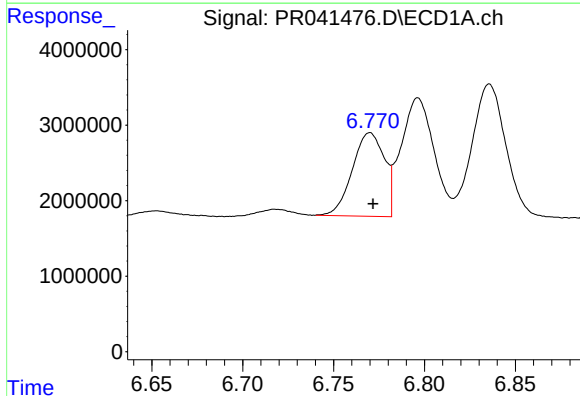
R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 23779925
Conc: 291.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



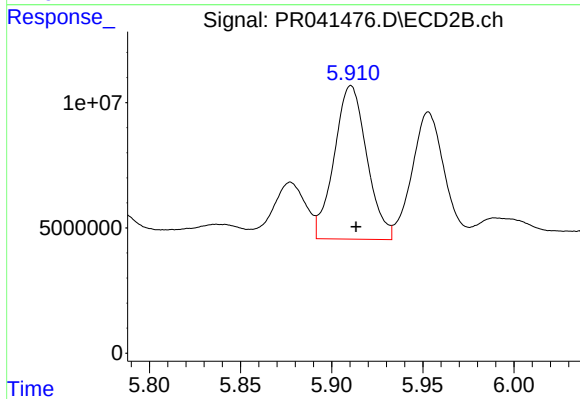
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 63626123
Conc: 292.22 ng/ml



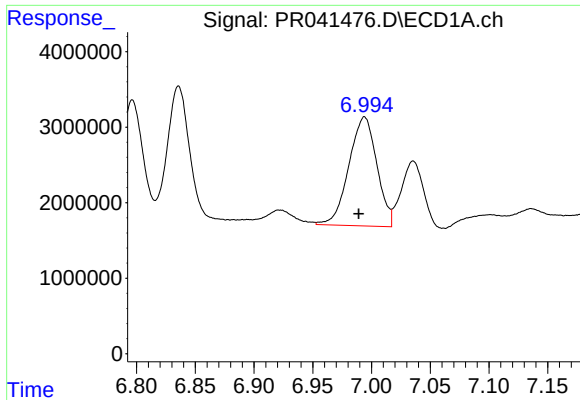
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 13544803
Conc: 162.76 ng/ml



#26 AR-1254-1

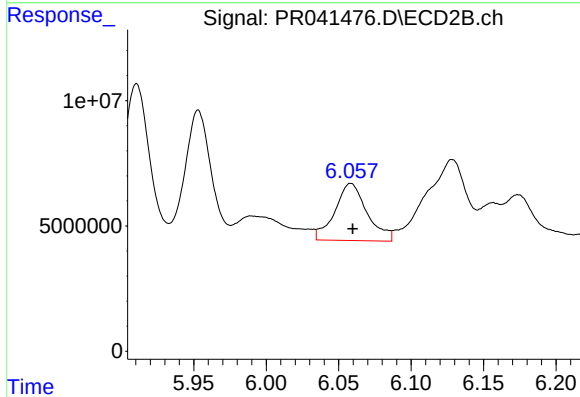
R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: 76385598
Conc: 235.54 ng/ml



#27 AR-1254-2

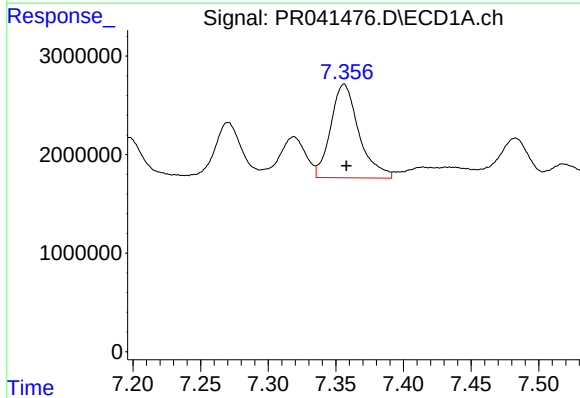
R.T.: 6.994 min
Delta R.T.: 0.005 min
Response: 23980191
Conc: 170.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



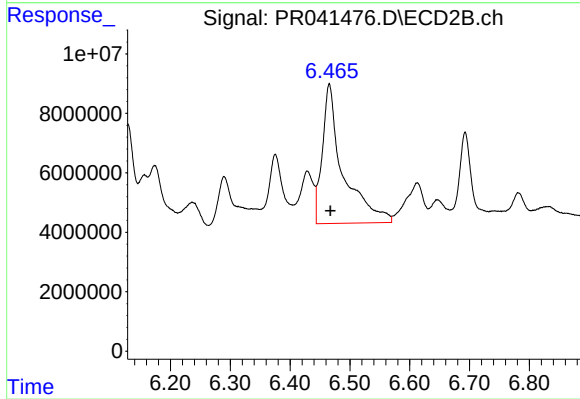
#27 AR-1254-2

R.T.: 6.058 min
Delta R.T.: -0.001 min
Response: 35380384
Conc: 115.81 ng/ml



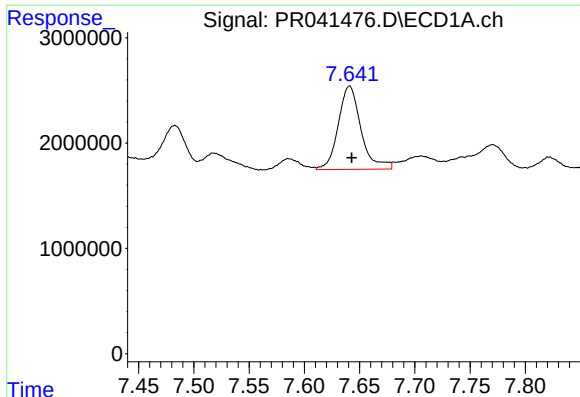
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 13808184
Conc: 81.49 ng/ml



#28 AR-1254-3

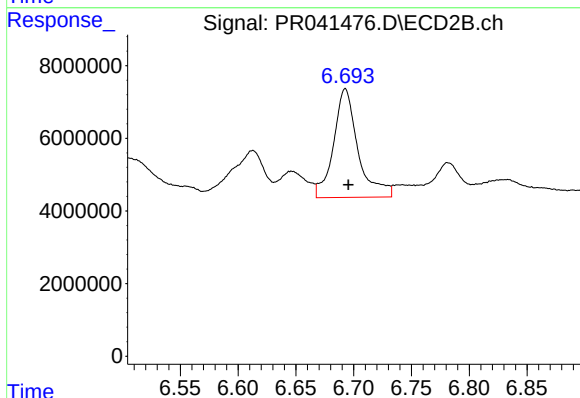
R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 112366220
Conc: 200.81 ng/ml



#29 AR-1254-4

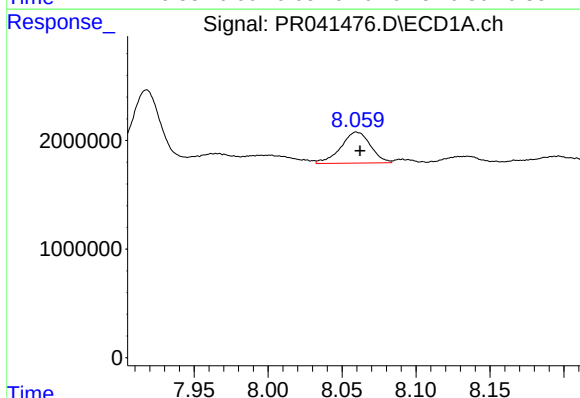
R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 11355562
Conc: 83.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



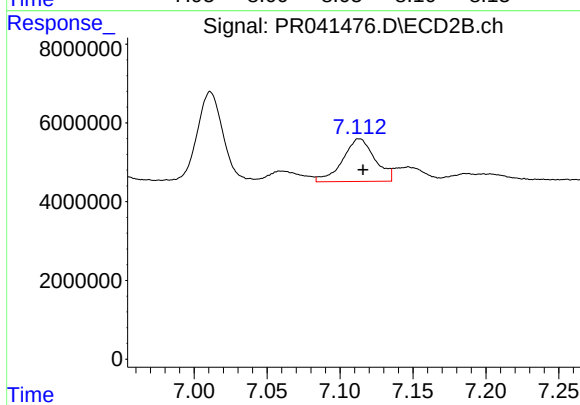
#29 AR-1254-4

R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 44140478
Conc: 103.43 ng/ml



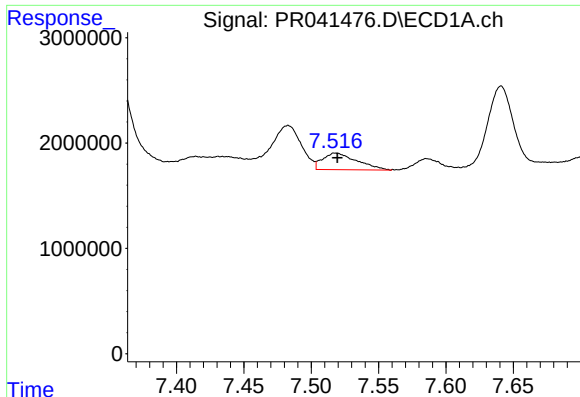
#30 AR-1254-5

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 4004336
Conc: 26.04 ng/ml



#30 AR-1254-5

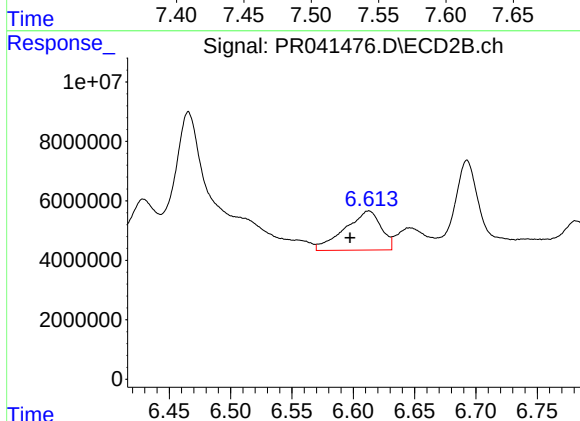
R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 16730592
Conc: 28.92 ng/ml



#31 AR-1260-1

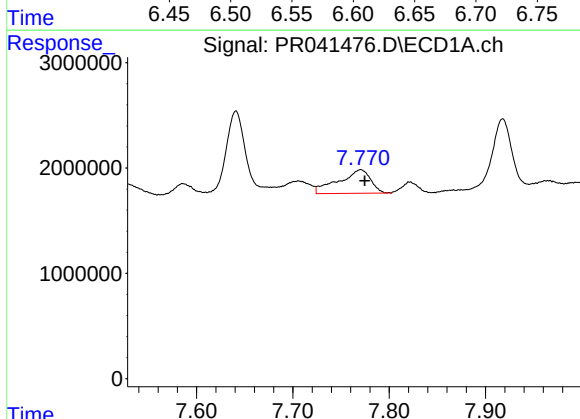
R.T.: 7.518 min
Delta R.T.: -0.001 min
Response: 2778844
Conc: 23.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



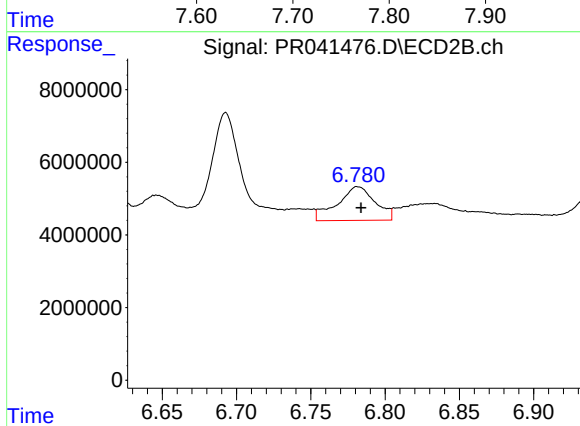
#31 AR-1260-1

R.T.: 6.613 min
Delta R.T.: 0.015 min
Response: 27157200
Conc: 69.73 ng/ml



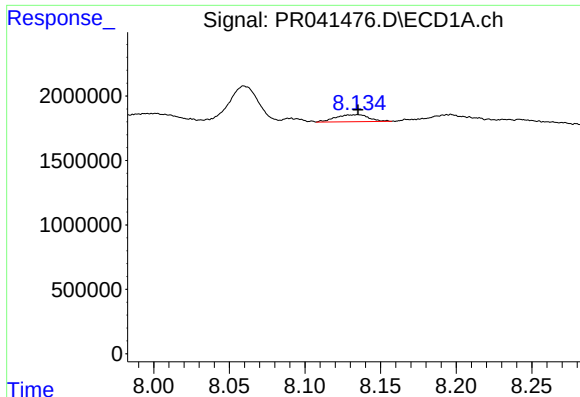
#32 AR-1260-2

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 5152401
Conc: 34.91 ng/ml



#32 AR-1260-2

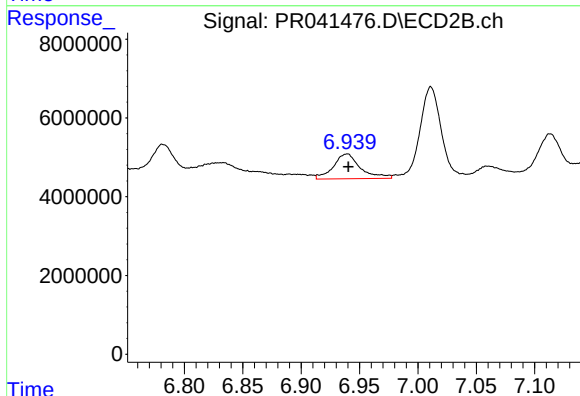
R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 16446686
Conc: 30.51 ng/ml



#33 AR-1260-3

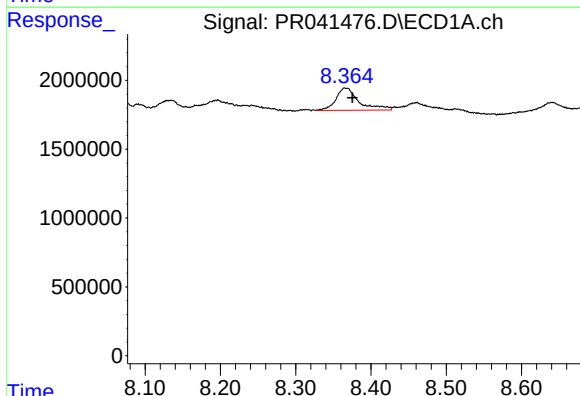
R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 821257
Conc: 7.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



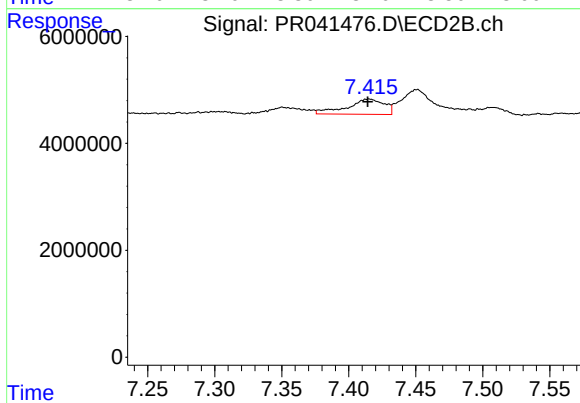
#33 AR-1260-3

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 10224179
Conc: 21.89 ng/ml



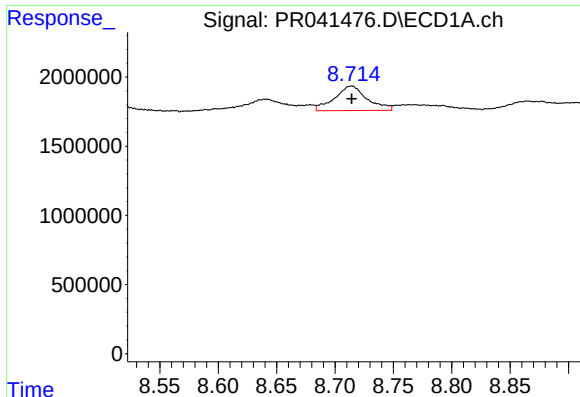
#34 AR-1260-4

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 3435660
Conc: 24.06 ng/ml



#34 AR-1260-4

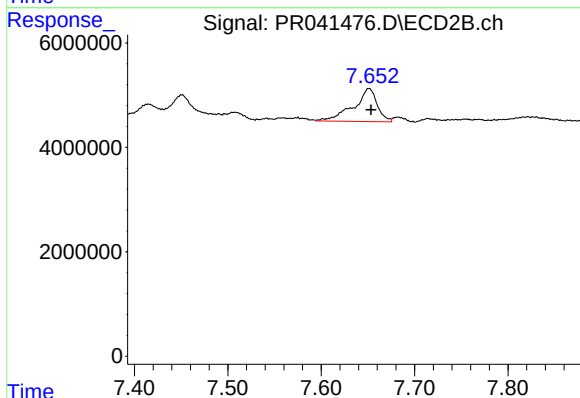
R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 5523824
Conc: 13.03 ng/ml



#35 AR-1260-5

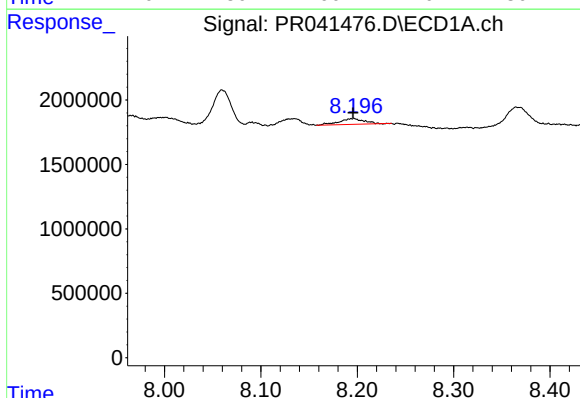
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 3441506
Conc: 11.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



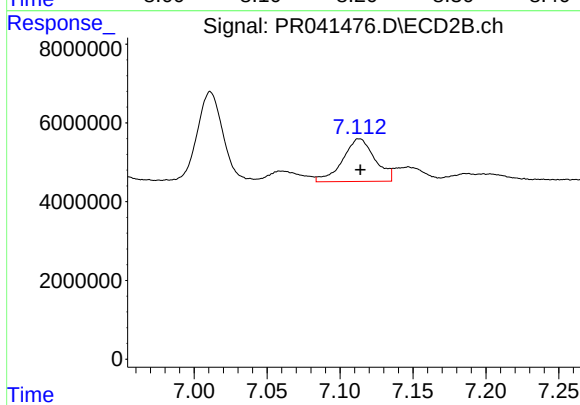
#35 AR-1260-5

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 11164725
Conc: 9.17 ng/ml



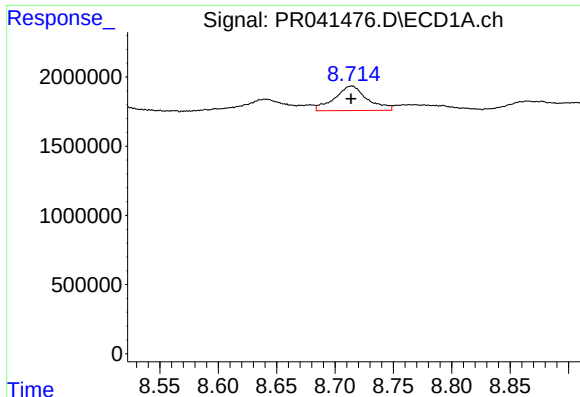
#36 AR-1262-1

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 819982
Conc: 10.65 ng/ml



#36 AR-1262-1

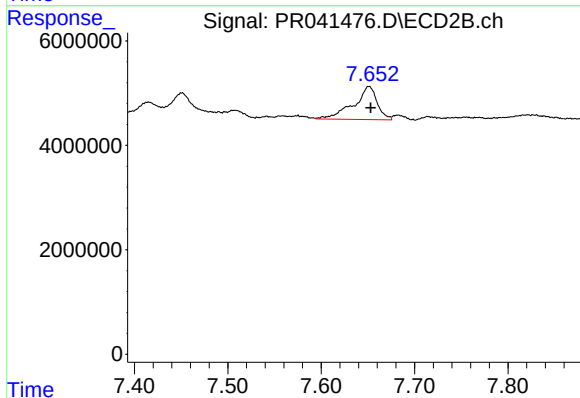
R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 16730592
Conc: 49.99 ng/ml



#37 AR-1262-2

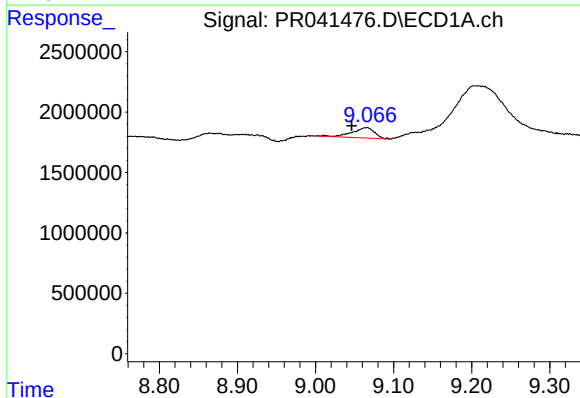
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 3441506
Conc: 9.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



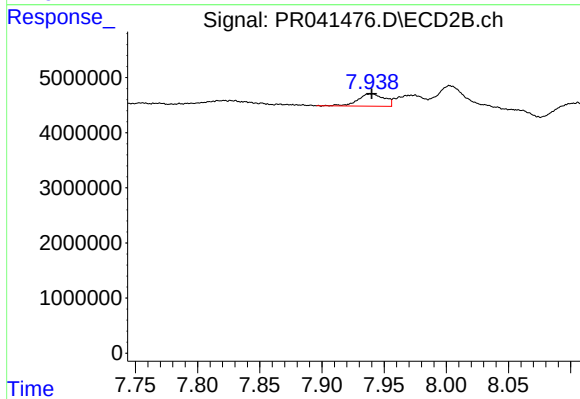
#37 AR-1262-2

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 11164725
Conc: 8.08 ng/ml



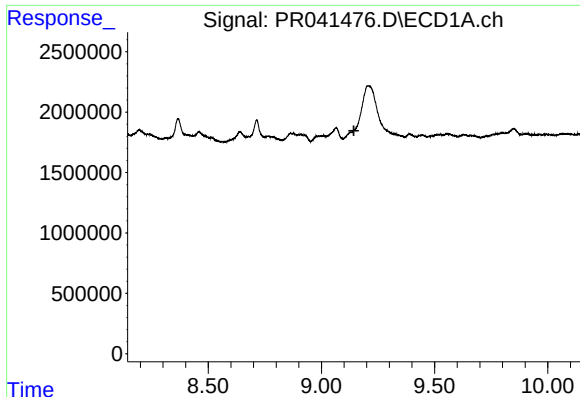
#38 AR-1262-3

R.T.: 9.066 min
Delta R.T.: 0.019 min
Response: 1667268
Conc: 6.32 ng/ml



#38 AR-1262-3

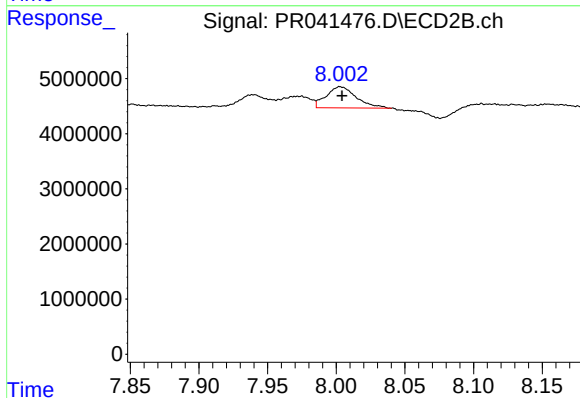
R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 3299716
Conc: 5.77 ng/ml



#39 AR-1262-4

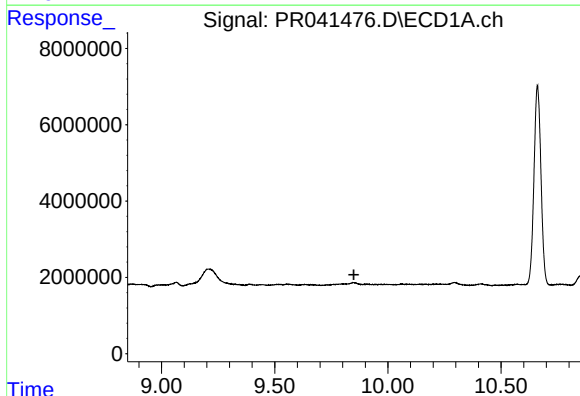
R.T.: 9.204 min
Delta R.T.: 0.061 min
Response: -760736
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ3



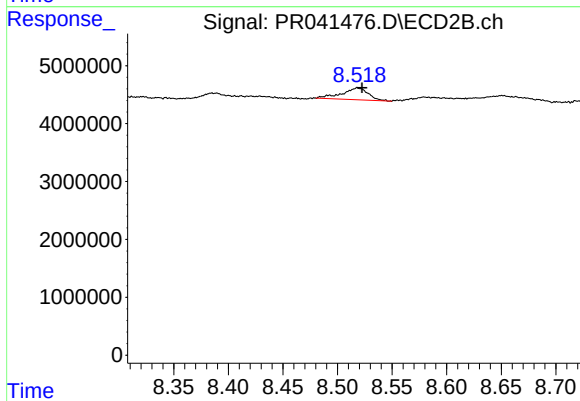
#39 AR-1262-4

R.T.: 8.003 min
Delta R.T.: -0.001 min
Response: 5874300
Conc: 5.80 ng/ml



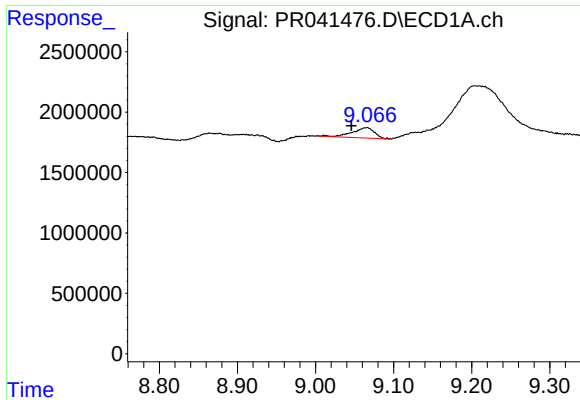
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.850 min
Response: 0
Conc: N.D.



#40 AR-1262-5

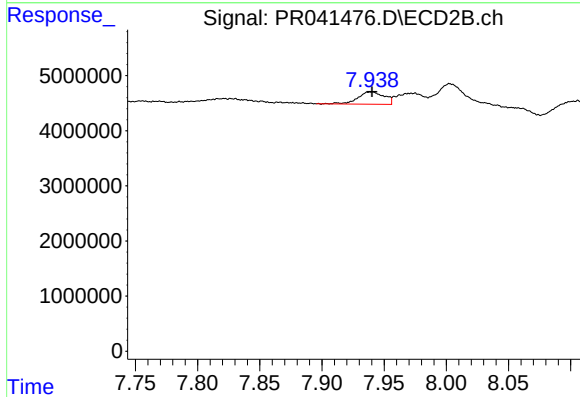
R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 3411767
Conc: 6.09 ng/ml



#41 AR-1268-1

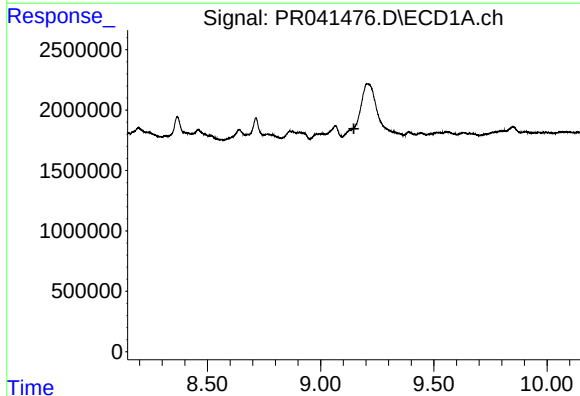
R.T.: 9.066 min
Delta R.T.: 0.020 min
Response: 1667268
Conc: 3.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ3



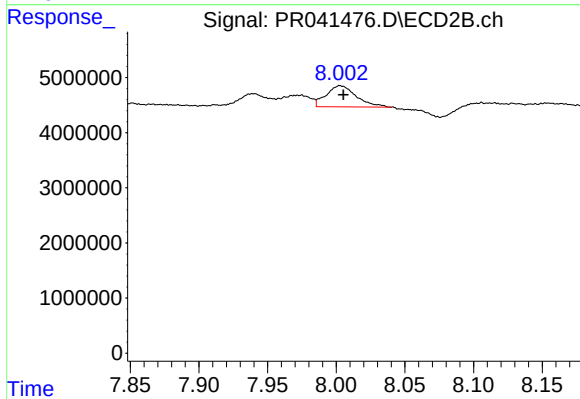
#41 AR-1268-1

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 3299716
Conc: 1.95 ng/ml



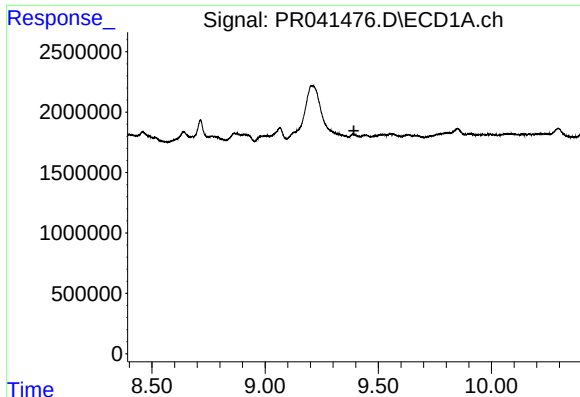
#42 AR-1268-2

R.T.: 9.204 min
Delta R.T.: 0.057 min
Response: -760736
Conc: N.D.



#42 AR-1268-2

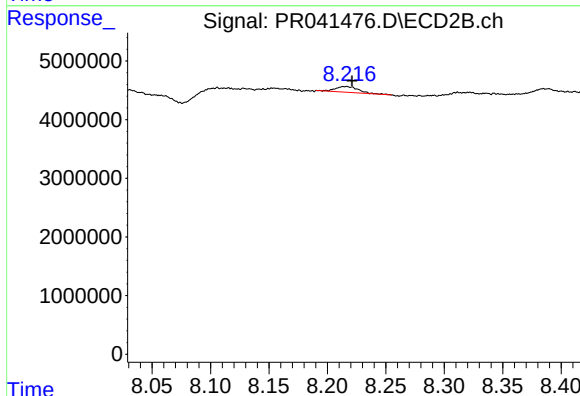
R.T.: 8.003 min
Delta R.T.: -0.002 min
Response: 5874300
Conc: 3.75 ng/ml



#43 AR-1268-3

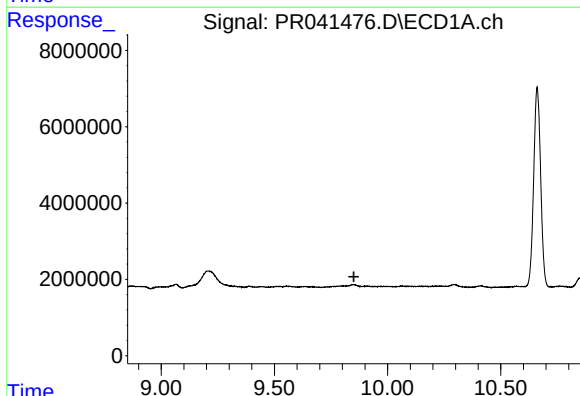
R.T.: 0.000 min
Exp R.T. : 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ3



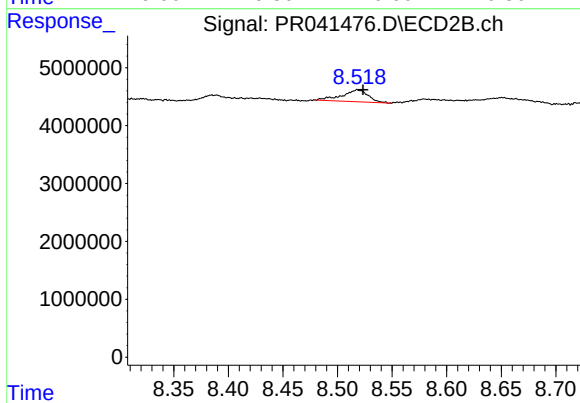
#43 AR-1268-3

R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 1315202
Conc: 0.99 ng/ml



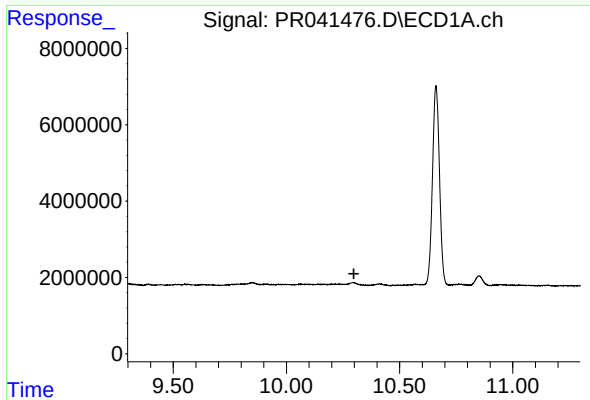
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.851 min
Response: 0
Conc: N.D.



#44 AR-1268-4

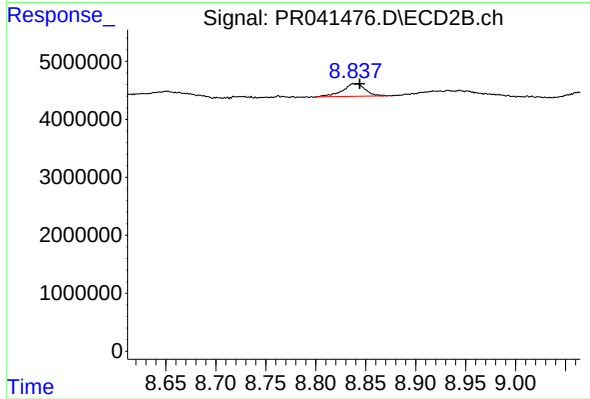
R.T.: 8.518 min
Delta R.T.: -0.005 min
Response: 3411767
Conc: 5.68 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.298 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ3



#45 AR-1268-5

R.T.: 8.838 min
Delta R.T.: -0.006 min
Response: 3468163
Conc: 0.79 ng/ml