

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
 Data File : PR041416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2019 20:48
 Operator : SM\AJ
 Sample : K4977-09DL2 100X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AT9DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:47:25 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...	0.000	4.006	0	1287912	N.D.	0.213 #
2)	SA Decachlor...	10.666	9.126	1983268	3903685	0.621	0.362 #
Target Compounds							
3)	L1 AR-1016-1	5.914	5.104	21298363	46479425	333.064	315.436
4)	L1 AR-1016-2	5.937	5.124	59834708	123.7E6	657.074	600.785
5)	L1 AR-1016-3	6.005	5.303	6983257	71904497	127.256	607.619 #
6)	L1 AR-1016-4	6.100	5.341	31015749	77535480	646.641	795.921
7)	L1 AR-1016-5	6.393	5.559	39666099	103.5E6	801.790	744.396
8)	L2 AR-1221-1	0.000	4.206	0	101550	N.D.	1.772 #
9)	L2 AR-1221-2	0.000	4.302	0	396959	N.D.	11.383 #
12)	L3 AR-1232-2	5.646	5.124	16426037	123.7E6	1004.039	1271.815 #
13)	L3 AR-1232-3	5.937	5.303	59834708	71904497	1578.245	1601.309
14)	L3 AR-1232-4	6.100	5.384	31015749	80321899	1680.917	1917.614
15)	L3 AR-1232-5	6.186	5.559	36594685	103.5E6	2648.395	1934.579 #
16)	L4 AR-1242-1	5.914	5.104	21298363	46479425	414.072	414.508
17)	L4 AR-1242-2	5.937	5.124	59834708	123.7E6	820.947	773.602
18)	L4 AR-1242-3	6.005	5.303	6983257	71904497	157.932	792.719 #
19)	L4 AR-1242-4	6.100	5.384	31015749	80321899	845.472	853.532
20)	L4 AR-1242-5	6.838	5.912	20236604	129.3E6	394.798	762.318 #
21)	L5 AR-1248-1	5.914	5.104	21298363	46479425	580.245	551.436
22)	L5 AR-1248-2	6.186	5.341	36594685	77535480	664.360	637.477
23)	L5 AR-1248-3	6.393	5.384	39666099	80321899	617.754	633.560
24)	L5 AR-1248-4	6.796	5.559	18507316	103.5E6	216.858	616.567 #
25)	L5 AR-1248-5	6.838	5.954	20236604	37325920	248.349	171.431 #
26)	L6 AR-1254-1	6.771	5.912	39756299	129.3E6	477.742	398.761
27)	L6 AR-1254-2	6.987	6.059	53907534	118.5E6	383.643	388.043
28)	L6 AR-1254-3	7.357	6.467	73275680	216.9E6	432.465	387.666
29)	L6 AR-1254-4	7.641	6.694	61688622	193.8E6	454.448	454.023
30)	L6 AR-1254-5	8.062	7.114	73944058	267.5E6	480.878	462.322
31)	L7 AR-1260-1	7.520	6.597	26971869	111.9E6	227.767	287.369 #
32)	L7 AR-1260-2	7.774	6.783	41147233	119.3E6	278.830	221.353
33)	L7 AR-1260-3	8.127	6.940	9151061	98332647	78.908	210.511 #
34)	L7 AR-1260-4	8.364	7.415	38532701	16775824	269.883	39.583 #
35)	L7 AR-1260-5	8.714	7.652	13435438	45183430	43.609	37.093
36)	L8 AR-1262-1	8.196	7.114	3226152	267.5E6	41.887	799.100 #
37)	L8 AR-1262-2	8.714	7.652	13435438	45183430	35.437	32.719
38)	L8 AR-1262-3	9.068	7.940	11713216	2891614	44.425	5.056 #
39)	L8 AR-1262-4	9.121	8.002	3977968	38444937	20.145	37.937 #
40)	L8 AR-1262-5	9.849	8.523	2176153	6521749	13.899	11.650
41)	L9 AR-1268-1	9.068	7.940	11713216	2891614	24.357	1.709 #
42)	L9 AR-1268-2	9.121	8.002	3977968	38444937	8.994	24.575 #
43)	L9 AR-1268-3	0.000	8.225	0	410618	N.D.	0.310 #

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 Sample : K4977-09DL2 100X
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:47:25 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
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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
44) L9	AR-1268-4	9.849	8.523	2176153	6521749	12.430	10.867
45) L9	AR-1268-5	10.327	8.844	4354311	2049739	3.079	0.465 #

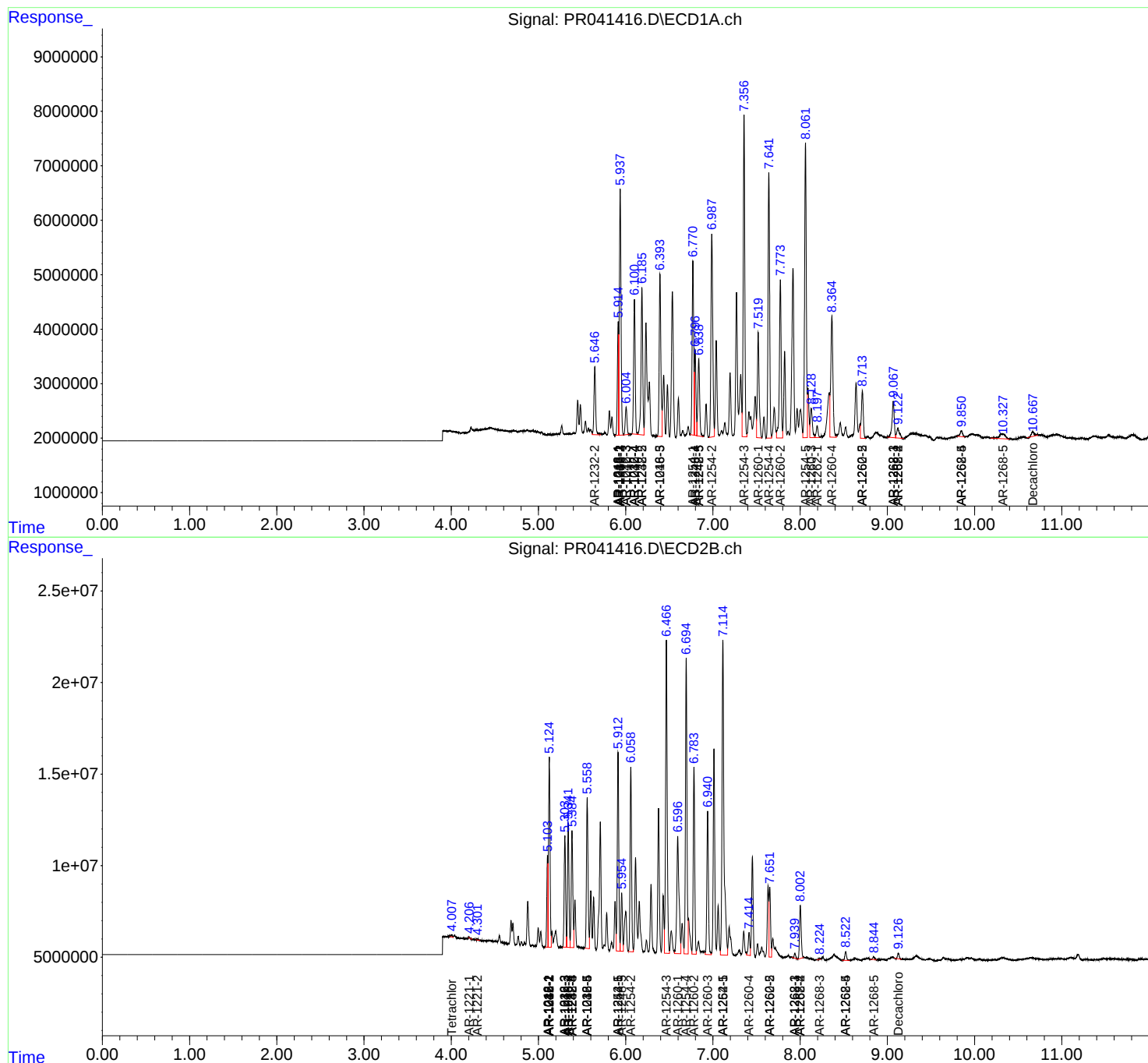
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

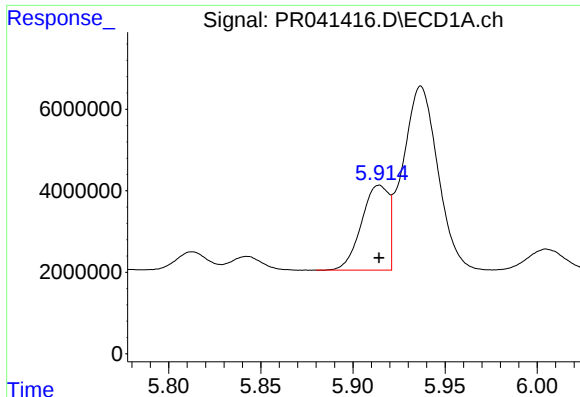
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
Data File : PR041416.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2019 20:48
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

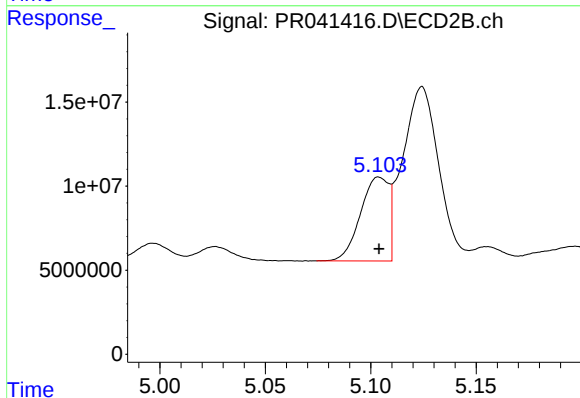




#3 AR-1016-1

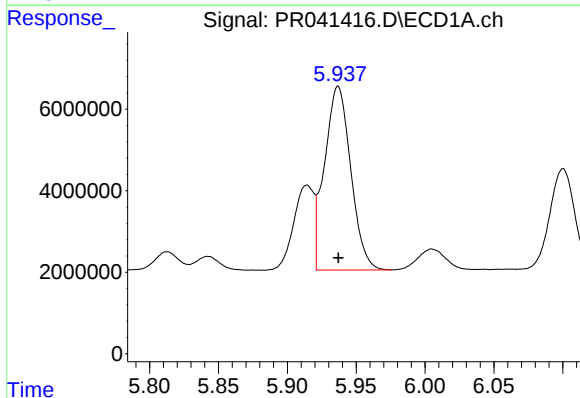
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 21298363
Conc: 333.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



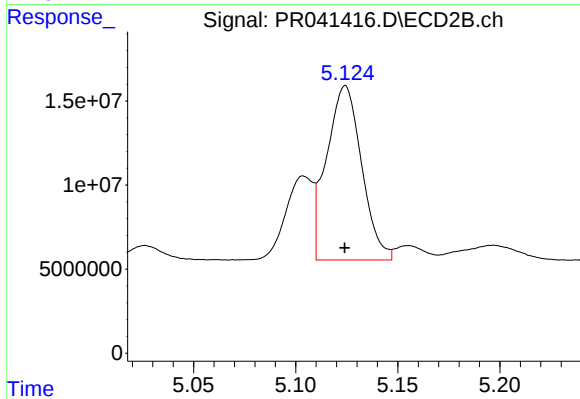
#3 AR-1016-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 46479425
Conc: 315.44 ng/ml



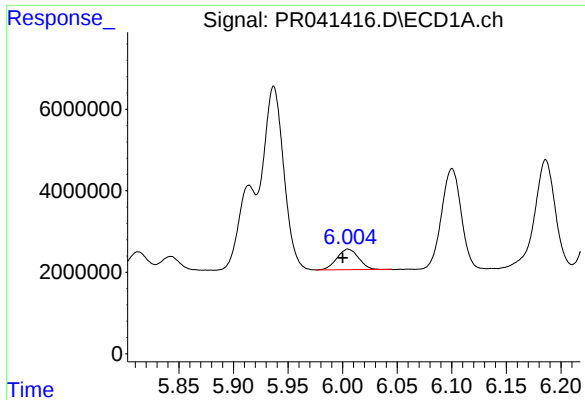
#4 AR-1016-2

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 59834708
Conc: 657.07 ng/ml



#4 AR-1016-2

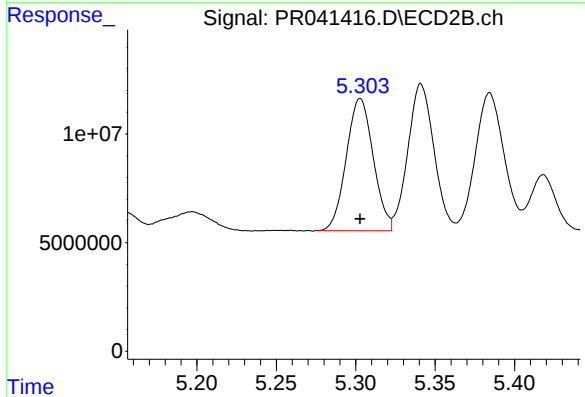
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 123690181
Conc: 600.78 ng/ml



#5 AR-1016-3

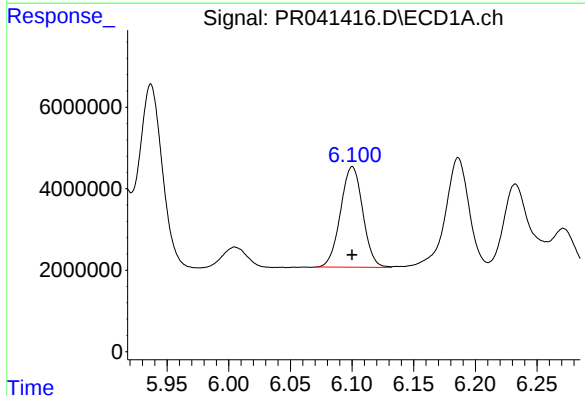
R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 6983257
Conc: 127.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



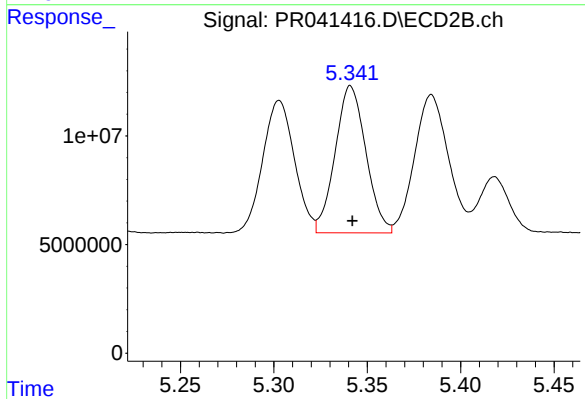
#5 AR-1016-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 71904497
Conc: 607.62 ng/ml



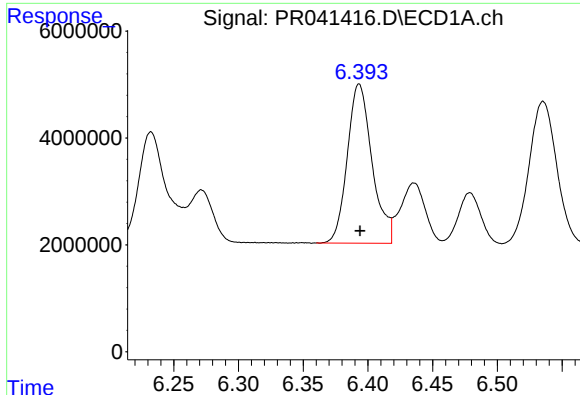
#6 AR-1016-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 31015749
Conc: 646.64 ng/ml



#6 AR-1016-4

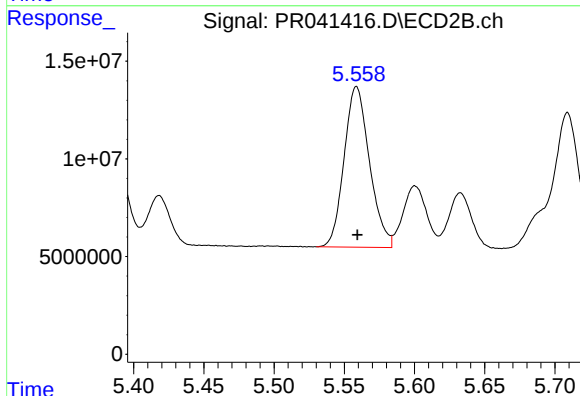
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 77535480
Conc: 795.92 ng/ml



#7 AR-1016-5

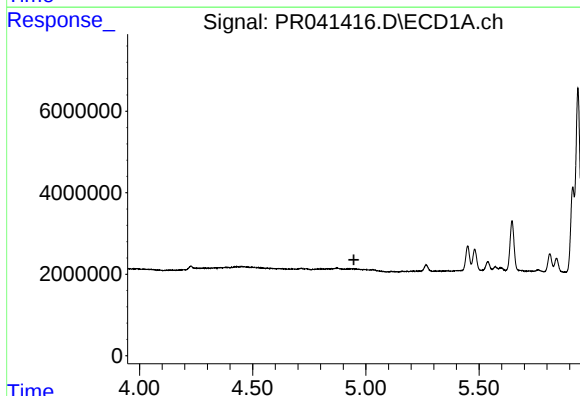
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 39666099
Conc: 801.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



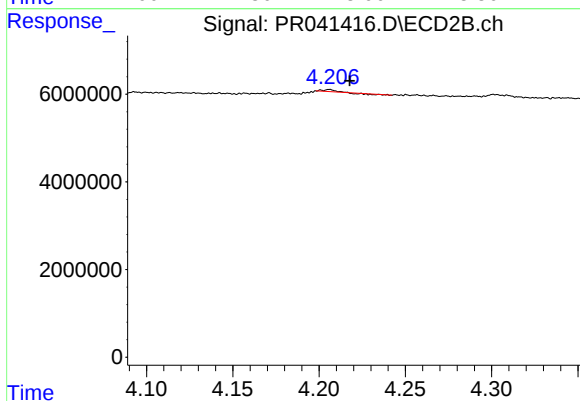
#7 AR-1016-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 103488632
Conc: 744.40 ng/ml



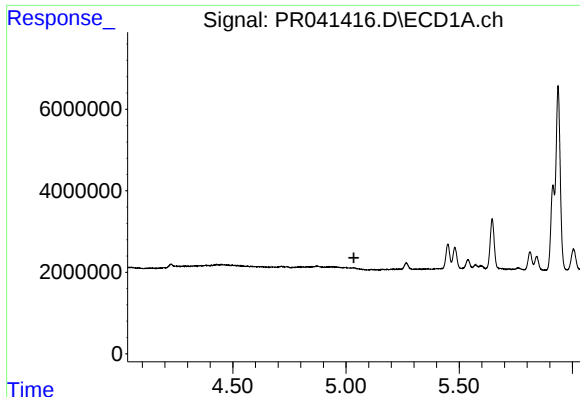
#8 AR-1221-1

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



#8 AR-1221-1

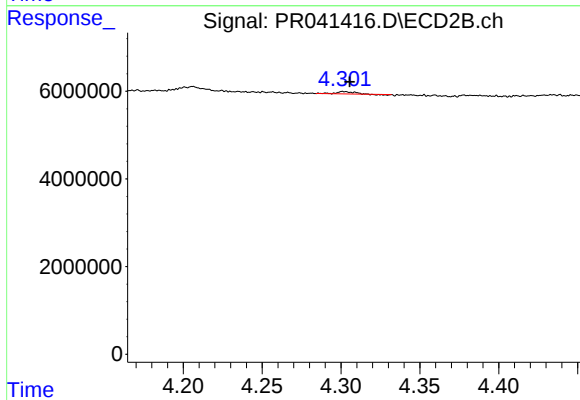
R.T.: 4.206 min
Delta R.T.: -0.012 min
Response: 101550
Conc: 1.77 ng/ml



#9 AR-1221-2

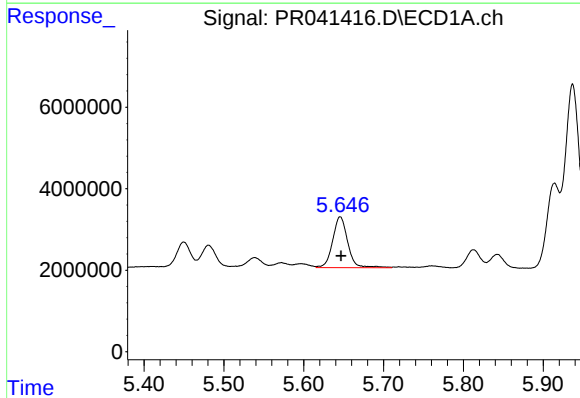
R.T.: 0.000 min
Exp R.T.: 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



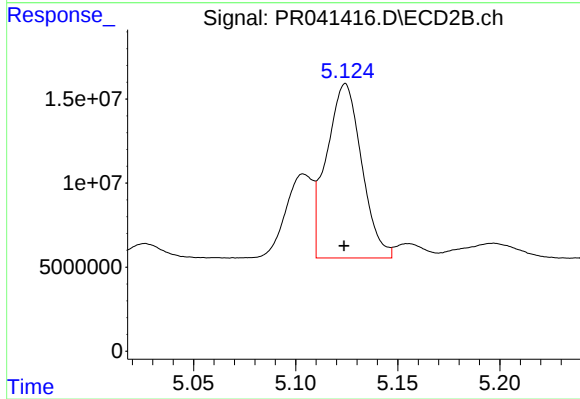
#9 AR-1221-2

R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 396959
Conc: 11.38 ng/ml



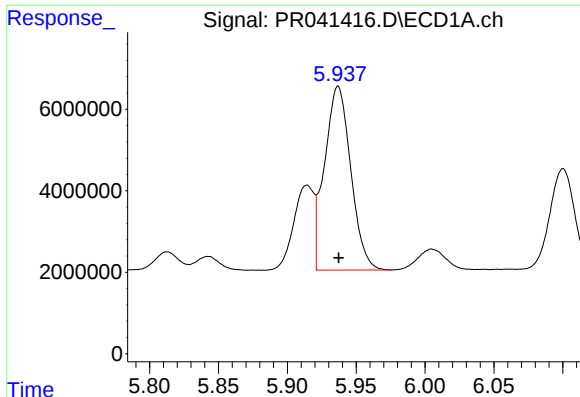
#12 AR-1232-2

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 16426037
Conc: 1004.04 ng/ml



#12 AR-1232-2

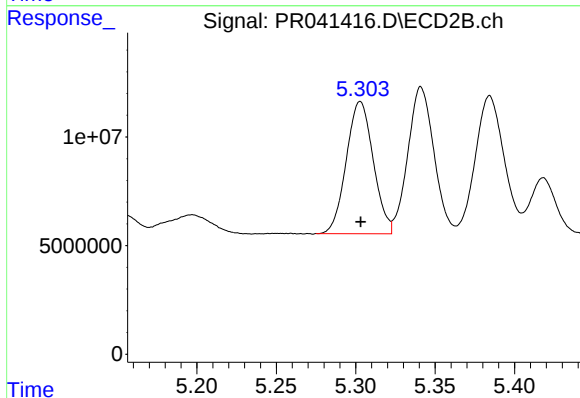
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 123690181
Conc: 1271.81 ng/ml



#13 AR-1232-3

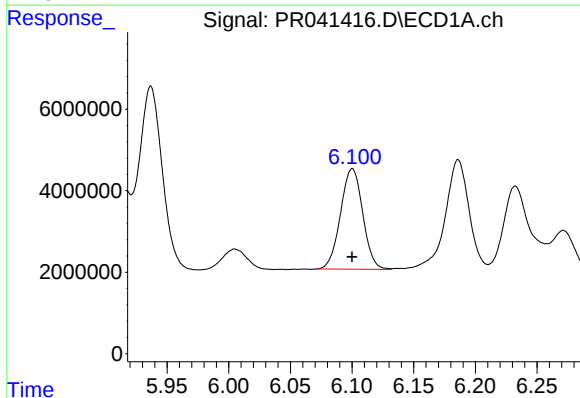
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 59834708
Conc: 1578.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



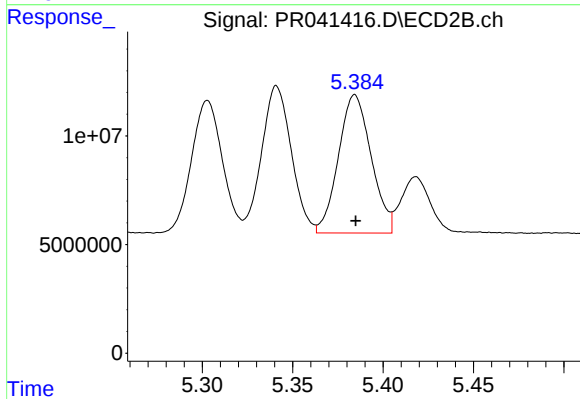
#13 AR-1232-3

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 71904497
Conc: 1601.31 ng/ml



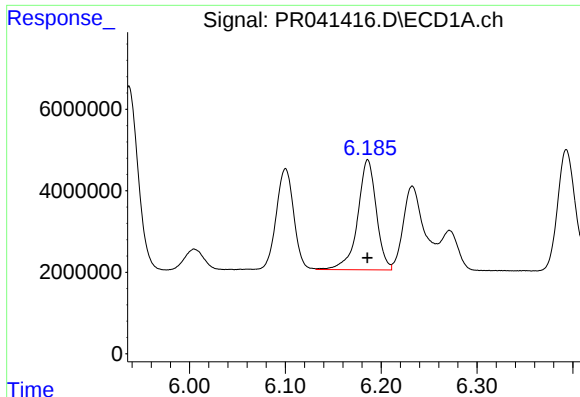
#14 AR-1232-4

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 31015749
Conc: 1680.92 ng/ml



#14 AR-1232-4

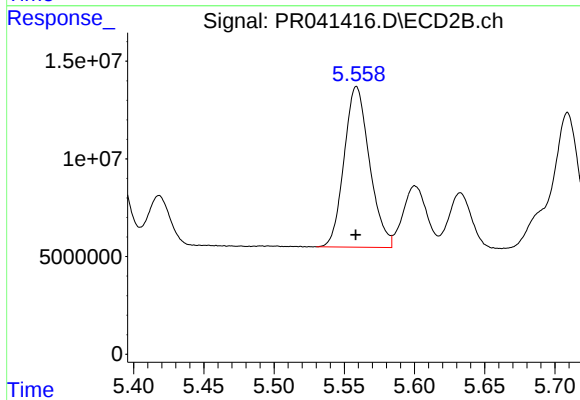
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 80321899
Conc: 1917.61 ng/ml



#15 AR-1232-5

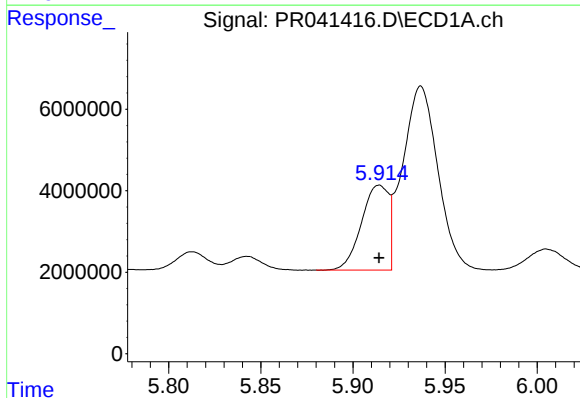
R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 36594685
Conc: 2648.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



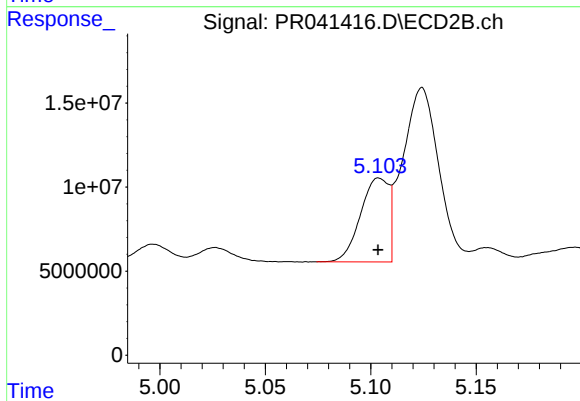
#15 AR-1232-5

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 103488632
Conc: 1934.58 ng/ml



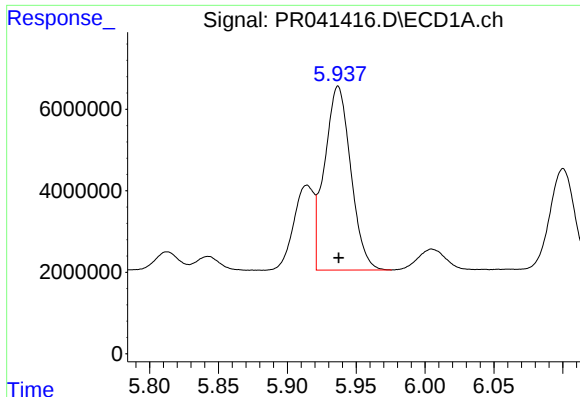
#16 AR-1242-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 21298363
Conc: 414.07 ng/ml



#16 AR-1242-1

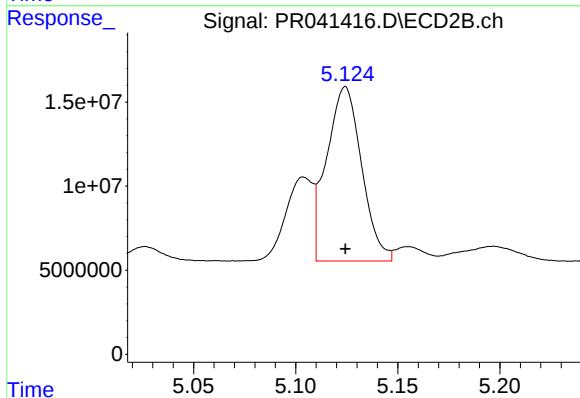
R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 46479425
Conc: 414.51 ng/ml



#17 AR-1242-2

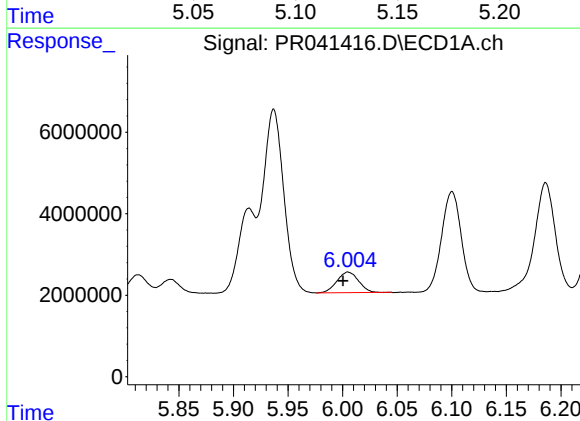
R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 59834708
Conc: 820.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



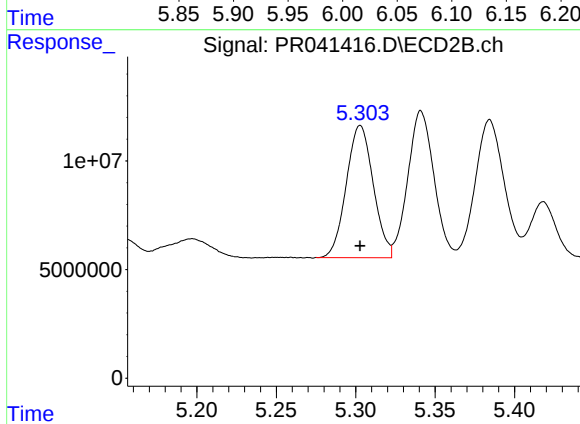
#17 AR-1242-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 123690181
Conc: 773.60 ng/ml



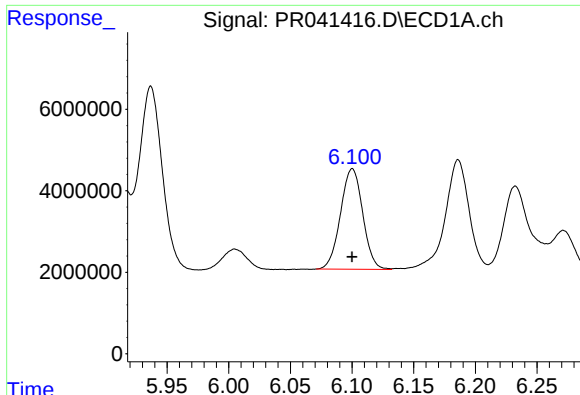
#18 AR-1242-3

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 6983257
Conc: 157.93 ng/ml



#18 AR-1242-3

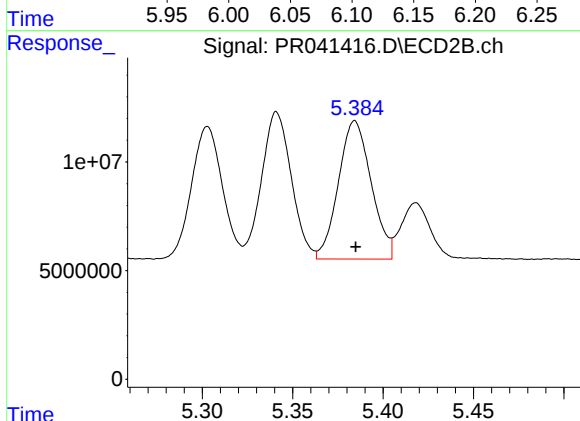
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 71904497
Conc: 792.72 ng/ml



#19 AR-1242-4

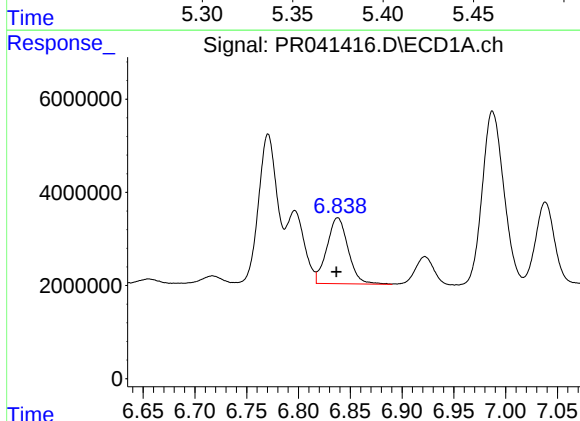
R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 31015749
Conc: 845.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



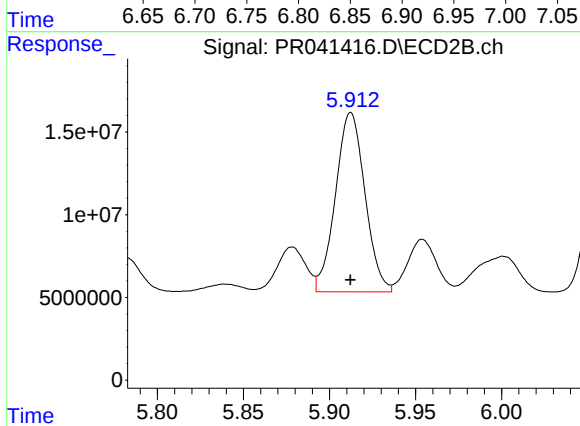
#19 AR-1242-4

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 80321899
Conc: 853.53 ng/ml



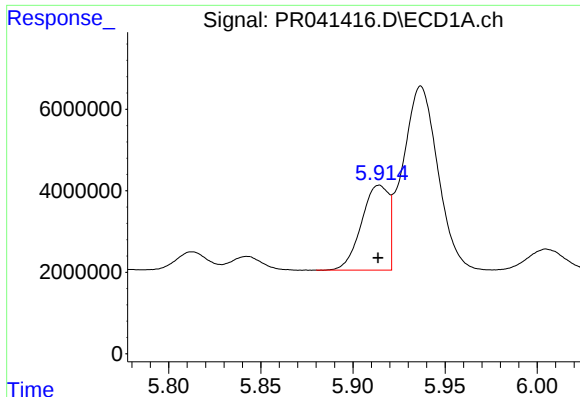
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 20236604
Conc: 394.80 ng/ml



#20 AR-1242-5

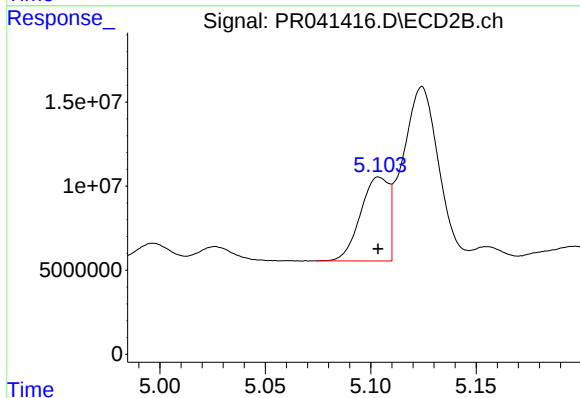
R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 129318023
Conc: 762.32 ng/ml



#21 AR-1248-1

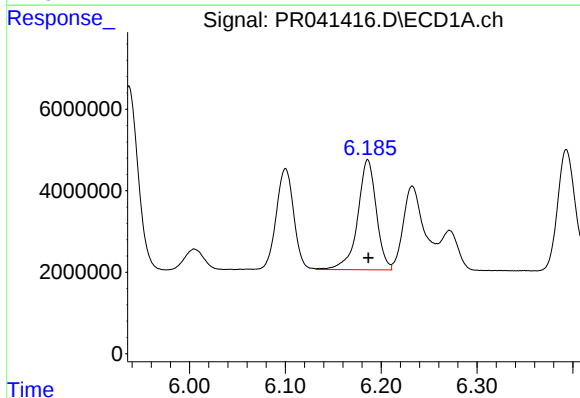
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 21298363
Conc: 580.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



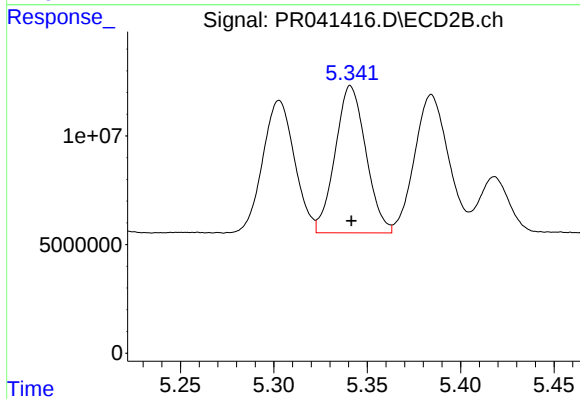
#21 AR-1248-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 46479425
Conc: 551.44 ng/ml



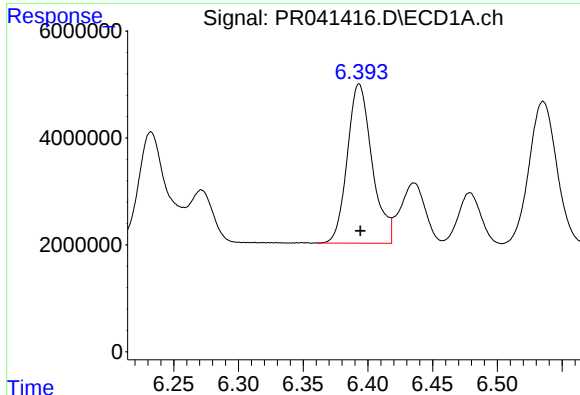
#22 AR-1248-2

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 36594685
Conc: 664.36 ng/ml



#22 AR-1248-2

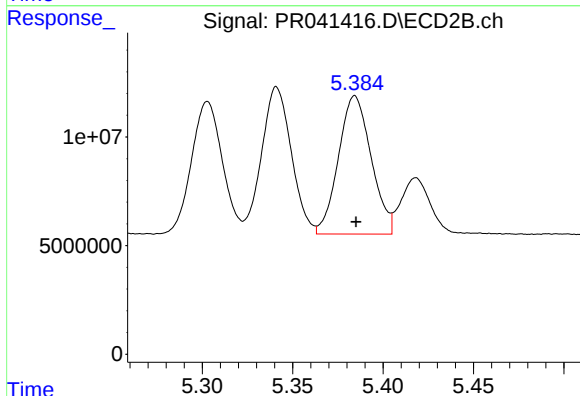
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 77535480
Conc: 637.48 ng/ml



#23 AR-1248-3

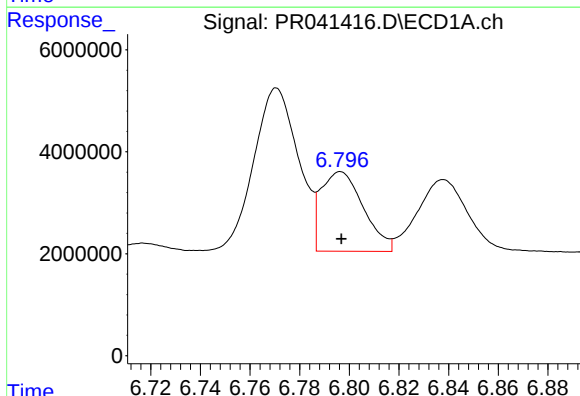
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 39666099
Conc: 617.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



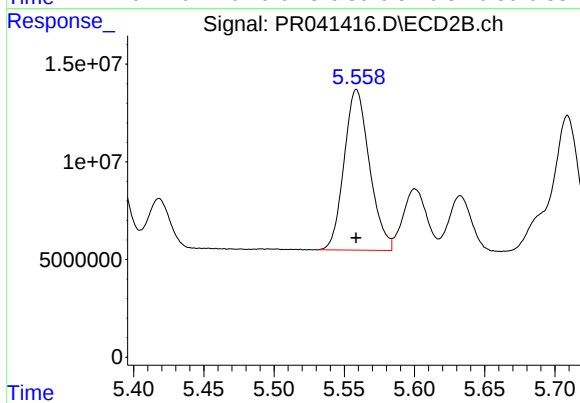
#23 AR-1248-3

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 80321899
Conc: 633.56 ng/ml



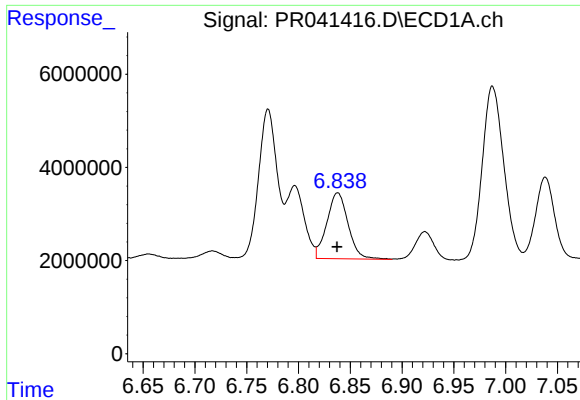
#24 AR-1248-4

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 18507316
Conc: 216.86 ng/ml



#24 AR-1248-4

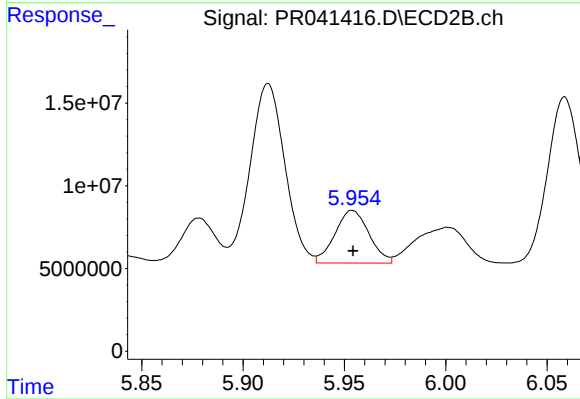
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 103488632
Conc: 616.57 ng/ml



#25 AR-1248-5

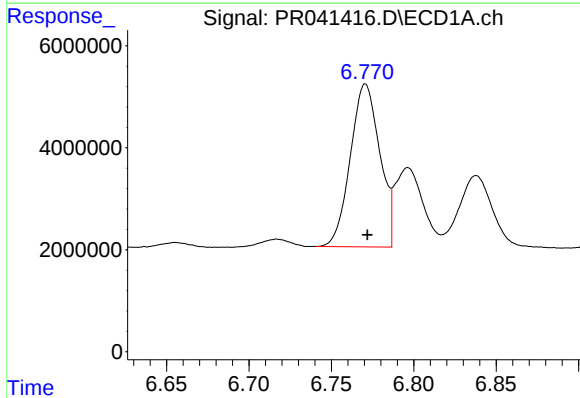
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 20236604
Conc: 248.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



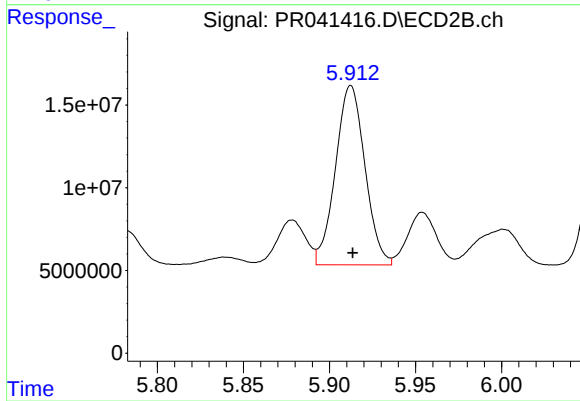
#25 AR-1248-5

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 37325920
Conc: 171.43 ng/ml



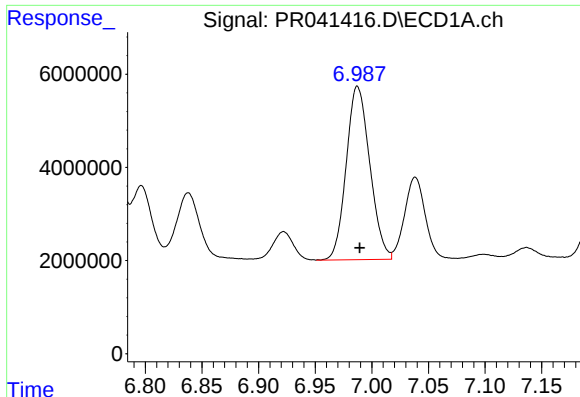
#26 AR-1254-1

R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 39756299
Conc: 477.74 ng/ml



#26 AR-1254-1

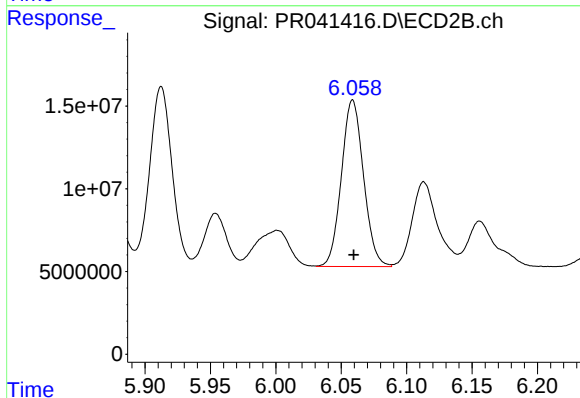
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 129318023
Conc: 398.76 ng/ml



#27 AR-1254-2

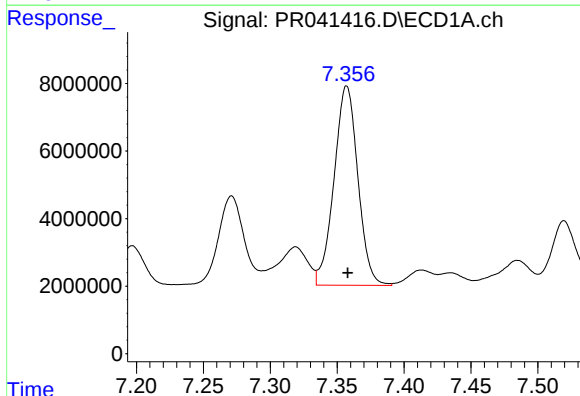
R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 53907534
Conc: 383.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



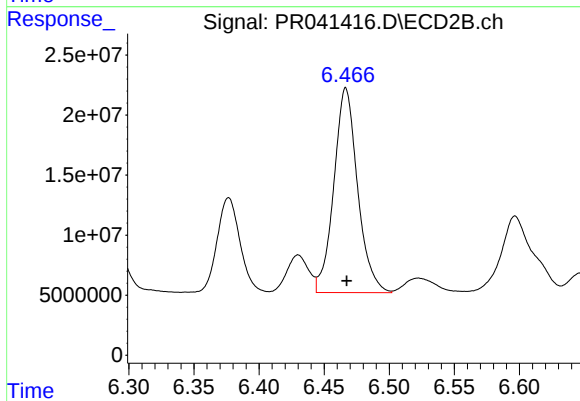
#27 AR-1254-2

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 118548563
Conc: 388.04 ng/ml



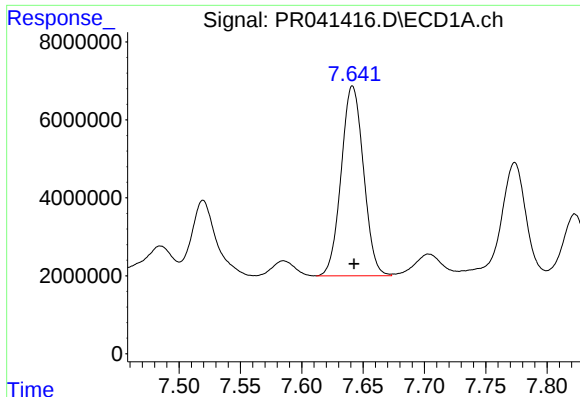
#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 73275680
Conc: 432.47 ng/ml



#28 AR-1254-3

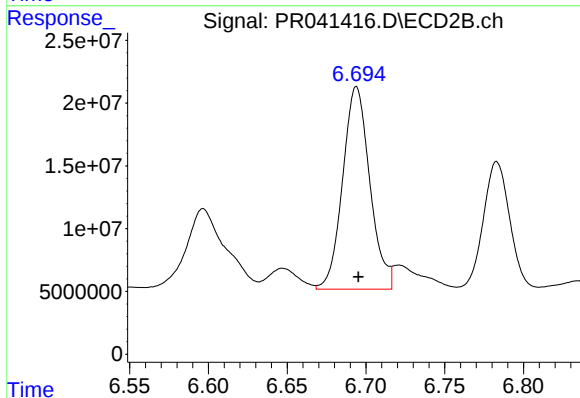
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 216922802
Conc: 387.67 ng/ml



#29 AR-1254-4

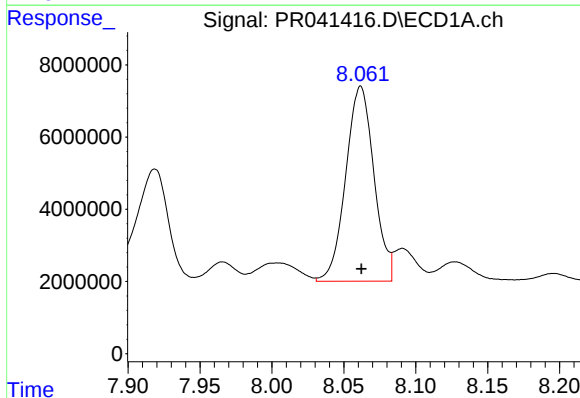
R.T.: 7.641 min
Delta R.T.: -0.001 min
Response: 61688622
Conc: 454.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



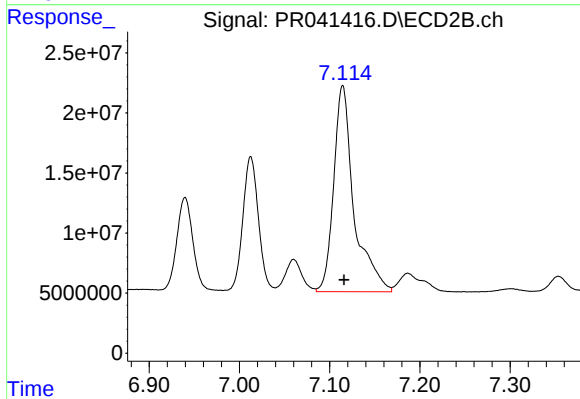
#29 AR-1254-4

R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 193757050
Conc: 454.02 ng/ml



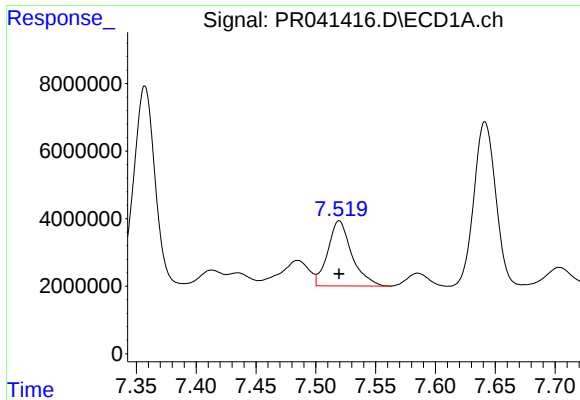
#30 AR-1254-5

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 73944058
Conc: 480.88 ng/ml



#30 AR-1254-5

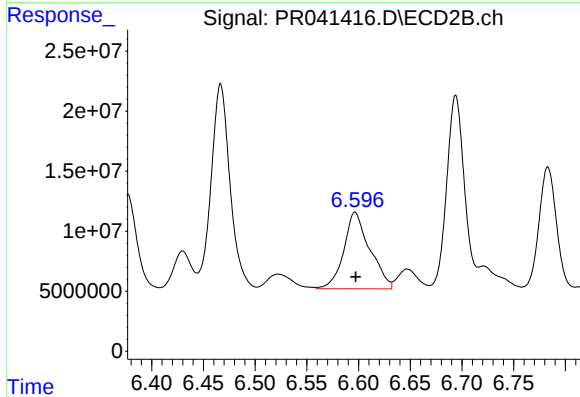
R.T.: 7.114 min
Delta R.T.: -0.001 min
Response: 267462571
Conc: 462.32 ng/ml



#31 AR-1260-1

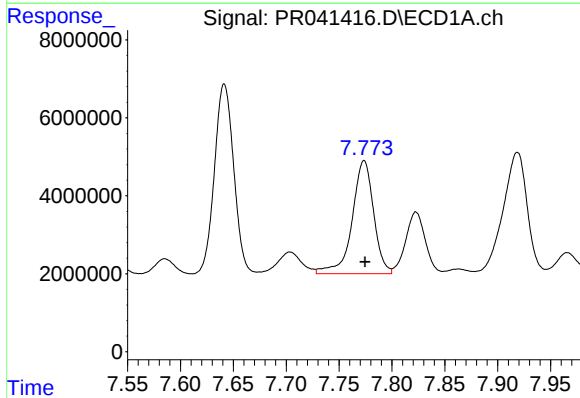
R.T.: 7.520 min
Delta R.T.: 0.000 min
Response: 26971869
Conc: 227.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



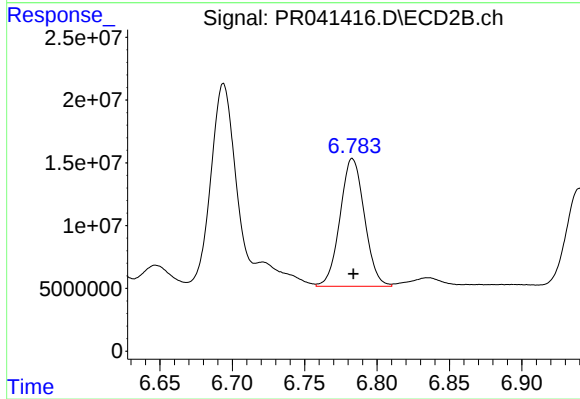
#31 AR-1260-1

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 111925729
Conc: 287.37 ng/ml



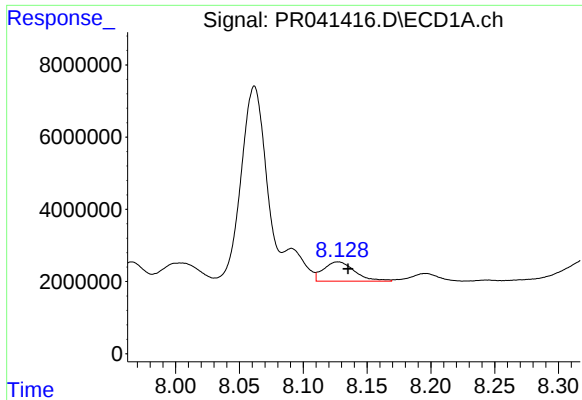
#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 41147233
Conc: 278.83 ng/ml



#32 AR-1260-2

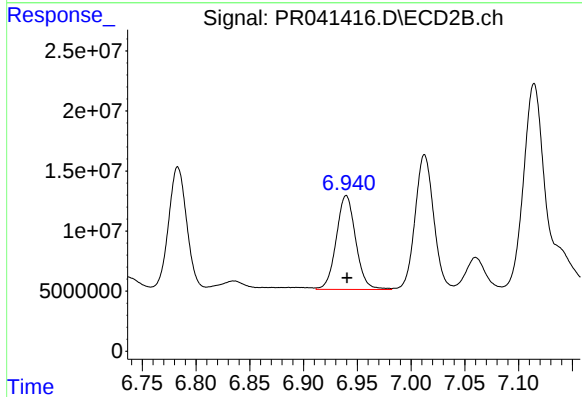
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 119329252
Conc: 221.35 ng/ml



#33 AR-1260-3

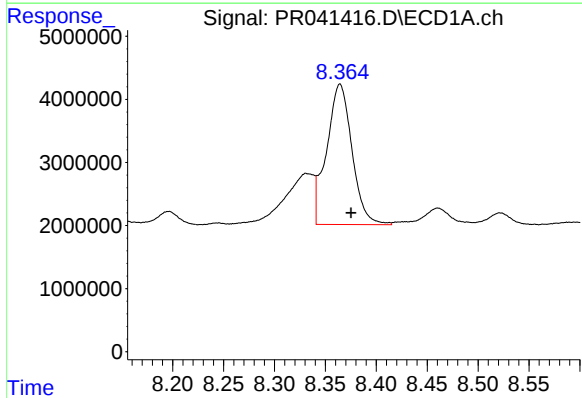
R.T.: 8.127 min
Delta R.T.: -0.008 min
Response: 9151061
Conc: 78.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



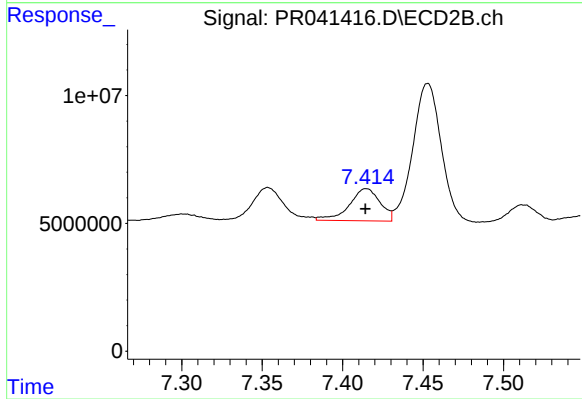
#33 AR-1260-3

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 98332647
Conc: 210.51 ng/ml



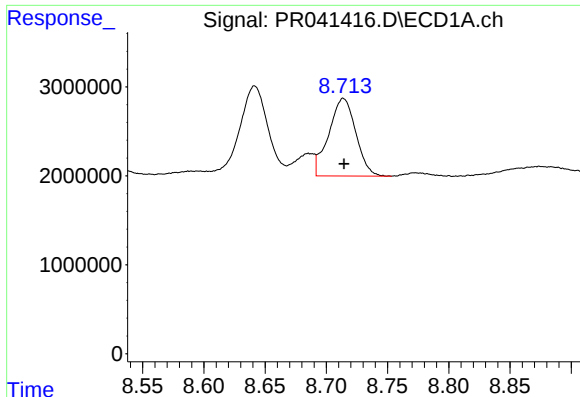
#34 AR-1260-4

R.T.: 8.364 min
Delta R.T.: -0.011 min
Response: 38532701
Conc: 269.88 ng/ml



#34 AR-1260-4

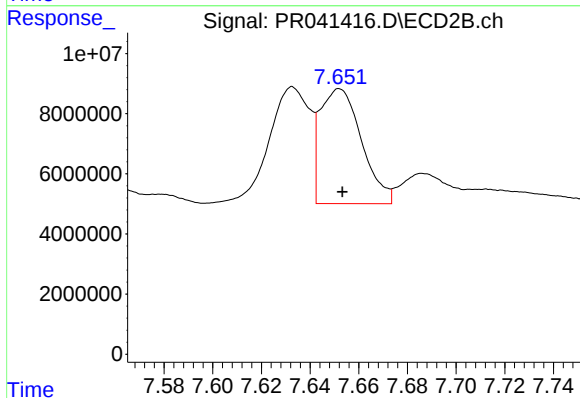
R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 16775824
Conc: 39.58 ng/ml



#35 AR-1260-5

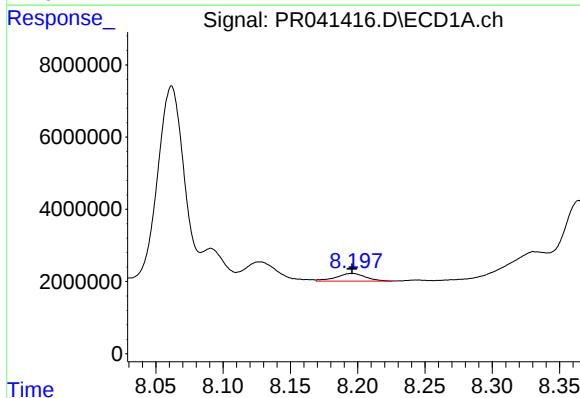
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 13435438
Conc: 43.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



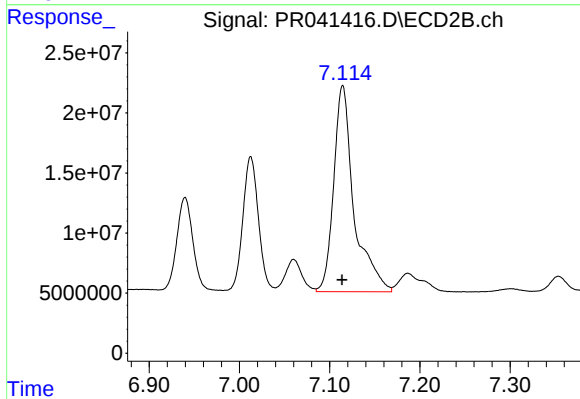
#35 AR-1260-5

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 45183430
Conc: 37.09 ng/ml



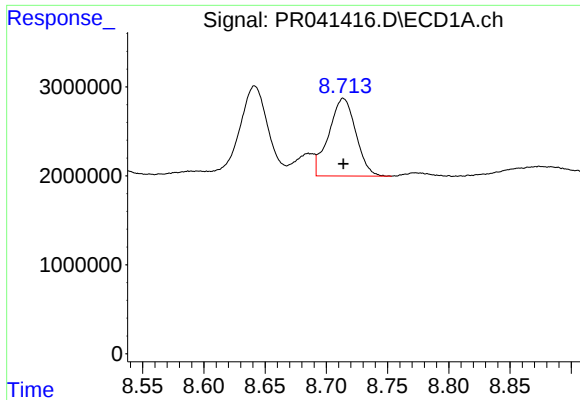
#36 AR-1262-1

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 3226152
Conc: 41.89 ng/ml



#36 AR-1262-1

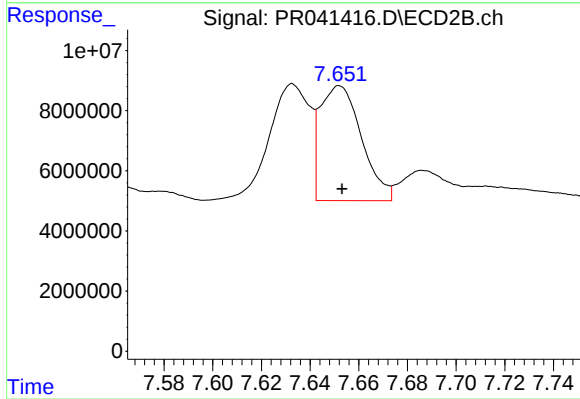
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 267462571
Conc: 799.10 ng/ml



#37 AR-1262-2

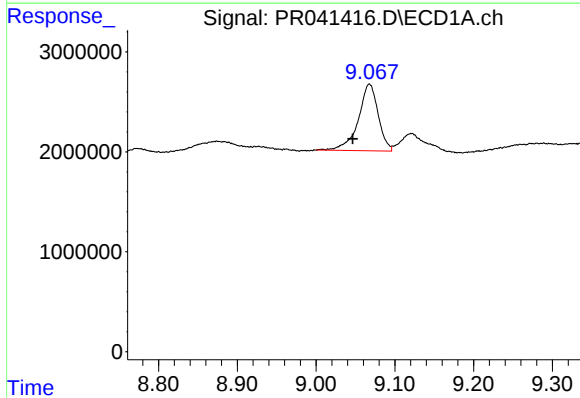
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 13435438
Conc: 35.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



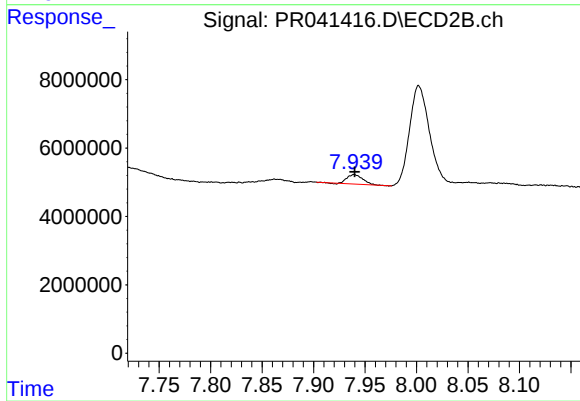
#37 AR-1262-2

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 45183430
Conc: 32.72 ng/ml



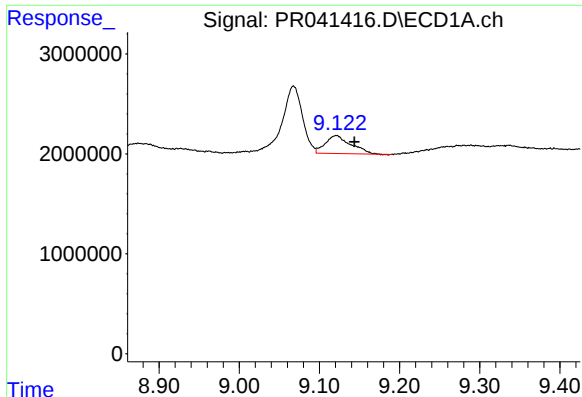
#38 AR-1262-3

R.T.: 9.068 min
Delta R.T.: 0.021 min
Response: 11713216
Conc: 44.42 ng/ml



#38 AR-1262-3

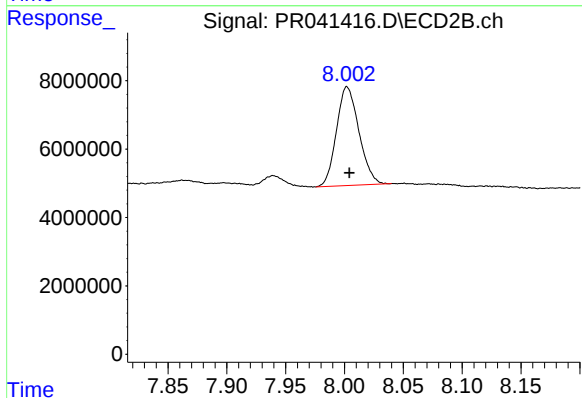
R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 2891614
Conc: 5.06 ng/ml



#39 AR-1262-4

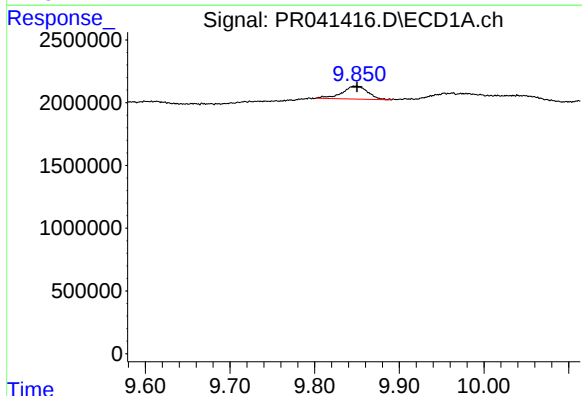
R.T.: 9.121 min
Delta R.T.: -0.022 min
Response: 3977968
Conc: 20.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



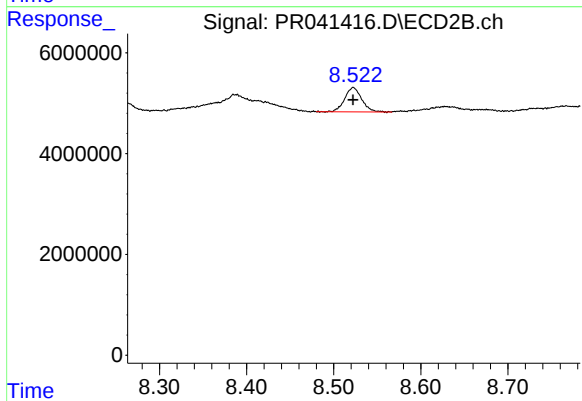
#39 AR-1262-4

R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 38444937
Conc: 37.94 ng/ml



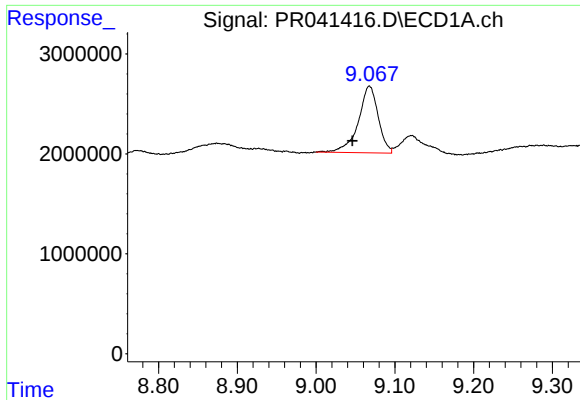
#40 AR-1262-5

R.T.: 9.849 min
Delta R.T.: 0.000 min
Response: 2176153
Conc: 13.90 ng/ml



#40 AR-1262-5

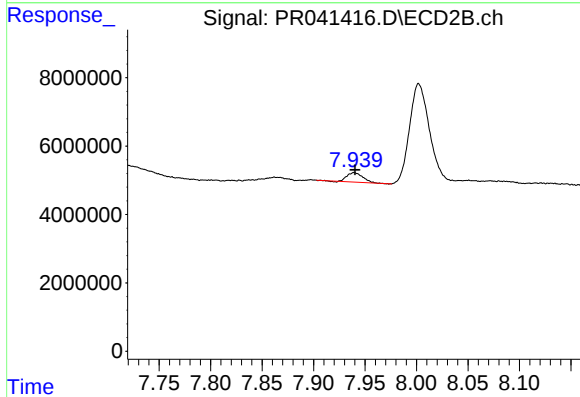
R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 6521749
Conc: 11.65 ng/ml



#41 AR-1268-1

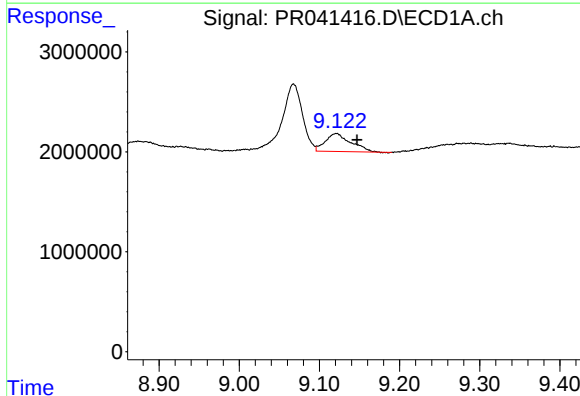
R.T.: 9.068 min
Delta R.T.: 0.022 min
Response: 11713216
Conc: 24.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



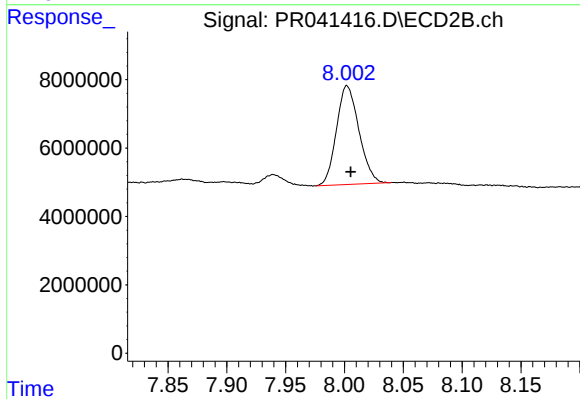
#41 AR-1268-1

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 2891614
Conc: 1.71 ng/ml



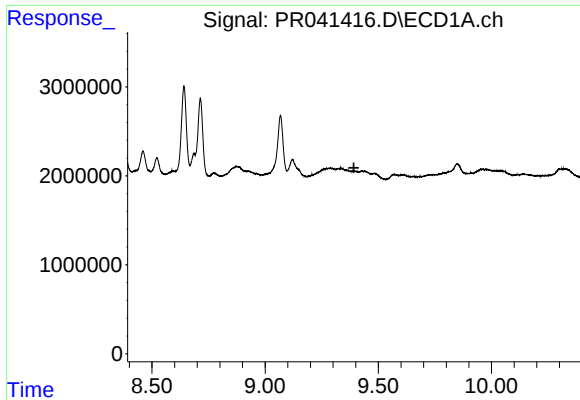
#42 AR-1268-2

R.T.: 9.121 min
Delta R.T.: -0.026 min
Response: 3977968
Conc: 8.99 ng/ml



#42 AR-1268-2

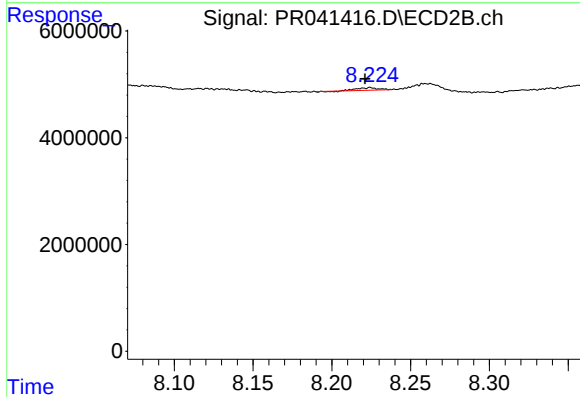
R.T.: 8.002 min
Delta R.T.: -0.003 min
Response: 38444937
Conc: 24.57 ng/ml



#43 AR-1268-3

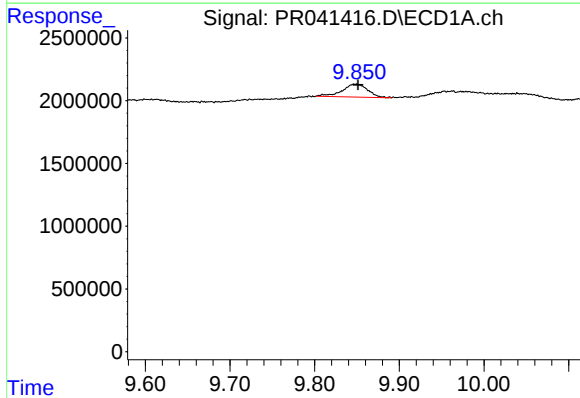
R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



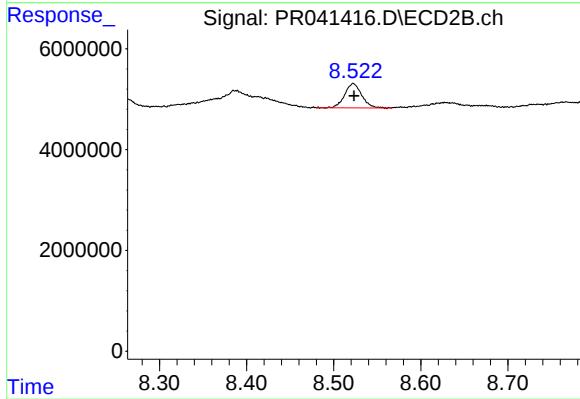
#43 AR-1268-3

R.T.: 8.225 min
Delta R.T.: 0.004 min
Response: 410618
Conc: 0.31 ng/ml



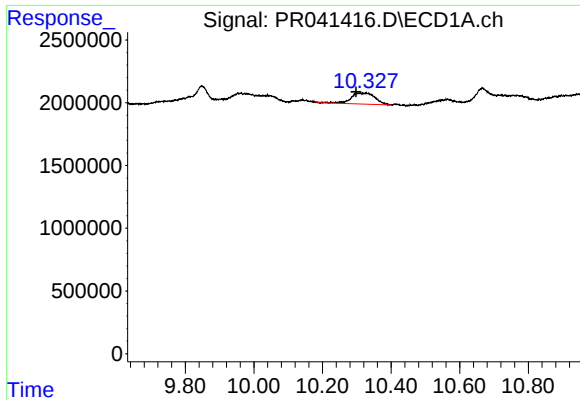
#44 AR-1268-4

R.T.: 9.849 min
Delta R.T.: -0.002 min
Response: 2176153
Conc: 12.43 ng/ml



#44 AR-1268-4

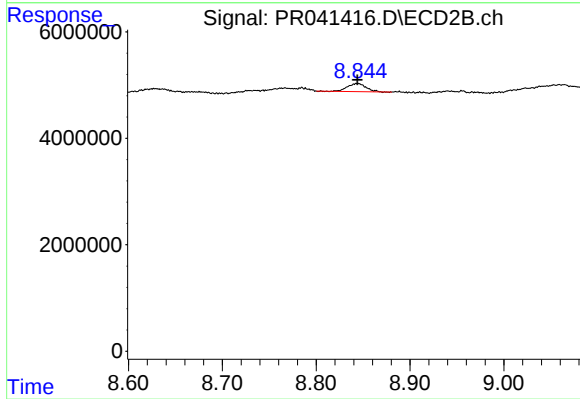
R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 6521749
Conc: 10.87 ng/ml



#45 AR-1268-5

R.T.: 10.327 min
Delta R.T.: 0.029 min
Response: 4354311
Conc: 3.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AT9DL



#45 AR-1268-5

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 2049739
Conc: 0.46 ng/ml