

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR093019\
 Data File : PR041630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2019 11:18
 Operator : SM\AJ
 Sample : K5027-02DL2 1000X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 C0AW4DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 12:22:37 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							
2)	SA Decachlor...	10.664	9.120	3367328	2469689	1.055	0.229 #
Target Compounds							
3)	L1 AR-1016-1	5.940	5.122	14655844	19799791	229.188	134.373 #
4)	L1 AR-1016-2	5.940	5.122	14655844	19799791	160.943	96.171 #
5)	L1 AR-1016-3	6.008	5.302	1049718	12980055	19.129	109.686 #
6)	L1 AR-1016-4	6.098	5.339	6377170	716.0E6	132.956	7349.518 #
7)	L1 AR-1016-5	6.393	5.556	205.1E6	489.4E6	4144.956	3520.447
10)	L2 AR-1221-3	0.000	4.430f	0	1610120	N.D.	15.184 #
11)	L3 AR-1232-1	0.000	4.430f	0	1610120	N.D.	19.976 #
12)	L3 AR-1232-2	5.645	5.122	2403947	19799791	146.941	203.587 #
13)	L3 AR-1232-3	5.940	5.302	14655844	12980055	386.573	289.065 #
14)	L3 AR-1232-4	6.098	5.382	6377170	226.4E6	345.615	5404.170 #
15)	L3 AR-1232-5	6.185	5.556	330.1E6	489.4E6	23891.892	9149.136 #
16)	L4 AR-1242-1	5.940	5.122	14655844	19799791	284.932	176.577 #
17)	L4 AR-1242-2	5.940	5.122	14655844	19799791	201.082	123.835 #
18)	L4 AR-1242-3	6.008	5.302	1049718	12980055	23.740	143.100 #
19)	L4 AR-1242-4	6.098	5.382	6377170	226.4E6	173.838	2405.400 #
20)	L4 AR-1242-5	6.838	5.910	261.1E6	1941.0E6	5094.230	11442.144 #
21)	L5 AR-1248-1	5.940	5.122	14655844	19799791	399.279	234.907 #
22)	L5 AR-1248-2	6.185	5.339	330.1E6	716.0E6	5993.370	5886.449
23)	L5 AR-1248-3	6.393	5.382	205.1E6	226.4E6	3193.554	1785.482 #
24)	L5 AR-1248-4	6.770	5.556	864.9E6	489.4E6	10134.537	2915.907 #
25)	L5 AR-1248-5	6.838	5.951	261.1E6	383.5E6	3204.540	1761.298 #
26)	L6 AR-1254-1	6.770	5.910	864.9E6	1941.0E6	10393.430	5985.266 #
27)	L6 AR-1254-2	6.986	6.056	1376.8E6	2687.2E6	9798.302	8796.056
28)	L6 AR-1254-3	7.356	6.464	1799.0E6	5138.6E6	10617.548	9183.270
29)	L6 AR-1254-4	7.641	6.692	1541.4E6	4667.3E6	11355.187	10936.619
30)	L6 AR-1254-5	8.061	7.112	1697.2E6	5677.4E6	11037.166	9813.612
31)	L7 AR-1260-1	7.518	6.594	624.2E6	2328.6E6	5271.316	5978.659
32)	L7 AR-1260-2	7.773	6.780	850.3E6	2393.0E6	5761.740	4438.909
33)	L7 AR-1260-3	8.126	6.937	165.8E6	2106.2E6	1429.842	4508.859 #
34)	L7 AR-1260-4	8.365	7.411	645.7E6	248.4E6	4522.791	586.113 #
35)	L7 AR-1260-5	8.714	7.649	242.2E6	797.2E6	786.079	654.445
36)	L8 AR-1262-1	8.194	7.112	47471909	5677.4E6	616.362	16962.338 #
37)	L8 AR-1262-2	8.714	7.649	242.2E6	797.2E6	638.775	577.267
38)	L8 AR-1262-3	9.067	7.937	197.3E6	47127667	748.156	82.399 #
39)	L8 AR-1262-4	9.120	7.999	51283118	729.3E6	259.705	719.665 #
40)	L8 AR-1262-5	9.849	8.519	22786745	78799406	145.533	140.766
41)	L9 AR-1268-1	9.067	7.937	197.3E6	47127667	410.197	27.849 #
42)	L9 AR-1268-2	9.120	7.999	51283118	729.3E6	115.950	466.180 #
43)	L9 AR-1268-3	0.000	8.216	0	3915164	N.D.	2.959 #
44)	L9 AR-1268-4	9.849	8.519	22786745	78799406	130.154	131.299
45)	L9 AR-1268-5	10.297	8.839	16481341	24875773	11.653	5.643 #

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Operator : SM\AJ
Sample : K5027-02DL2 1000X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
C0AW4DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 12:22:37 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

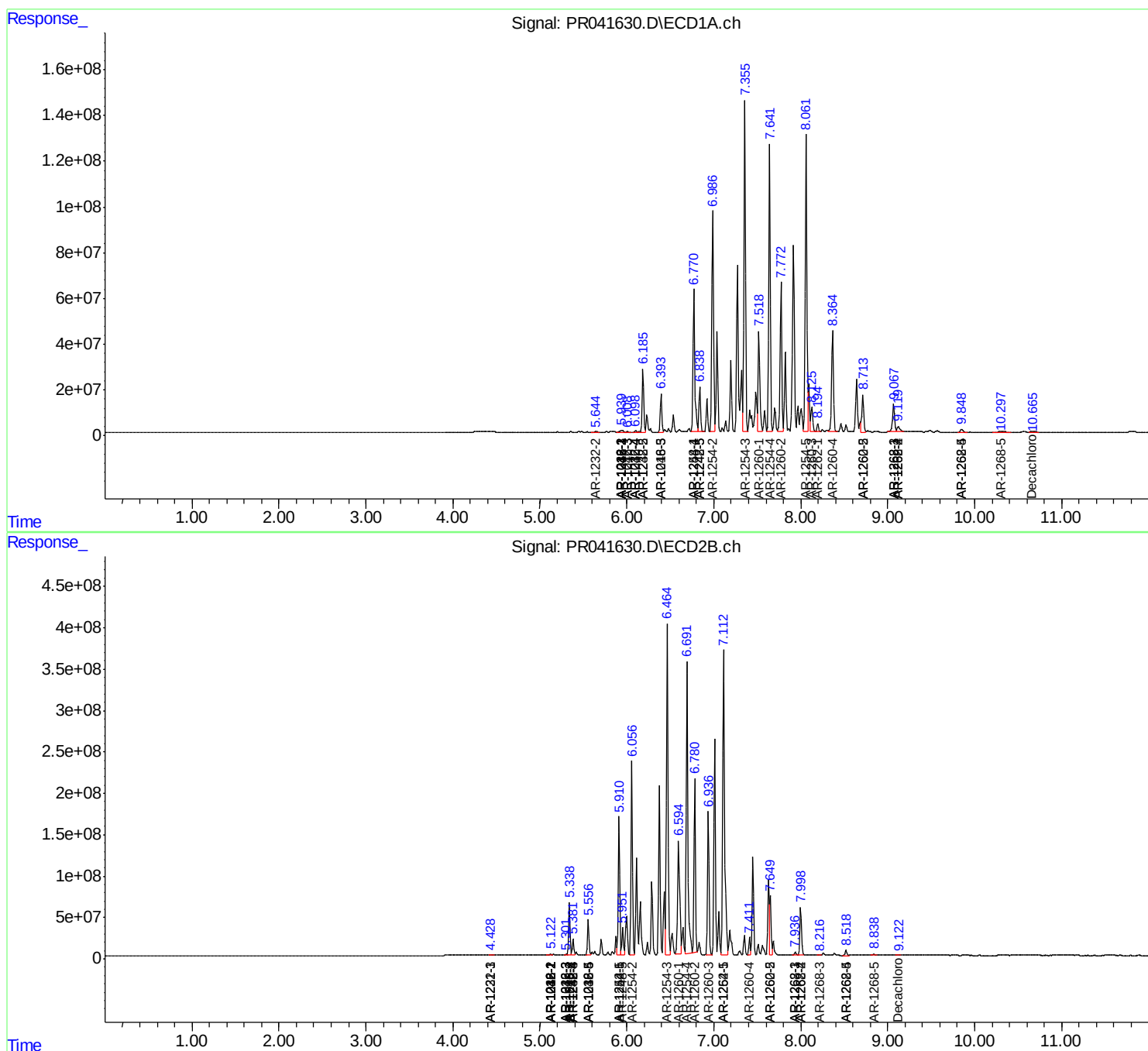
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

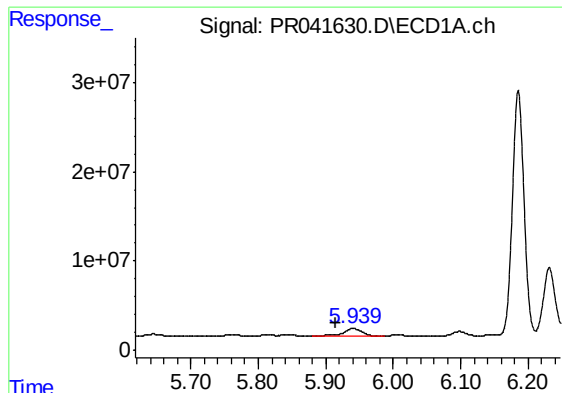
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR093019\
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ALS Vial : 12 Sample Multiplier: 1

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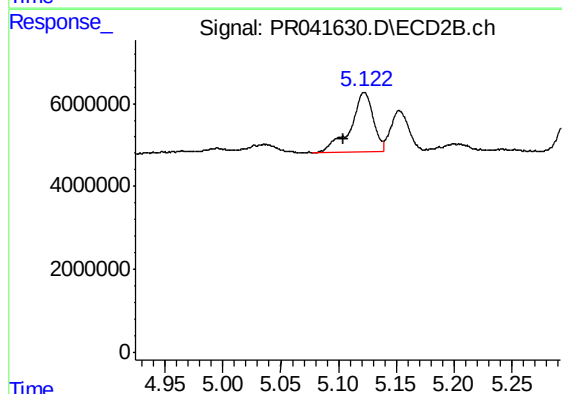




#3 AR-1016-1

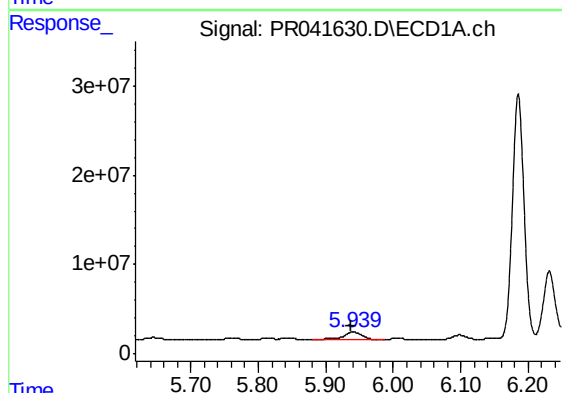
R.T.: 5.940 min
Delta R.T.: 0.026 min
Response: 14655844
Conc: 229.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



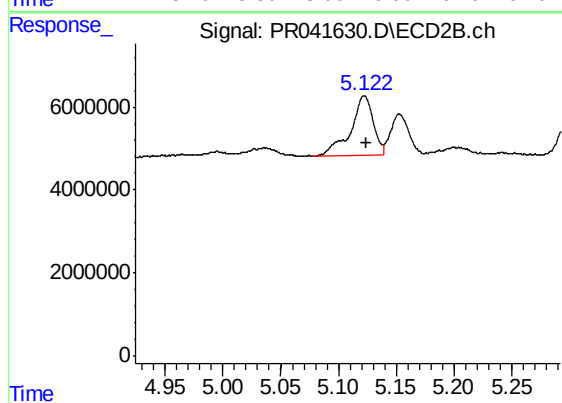
#3 AR-1016-1

R.T.: 5.122 min
Delta R.T.: 0.018 min
Response: 19799791
Conc: 134.37 ng/ml



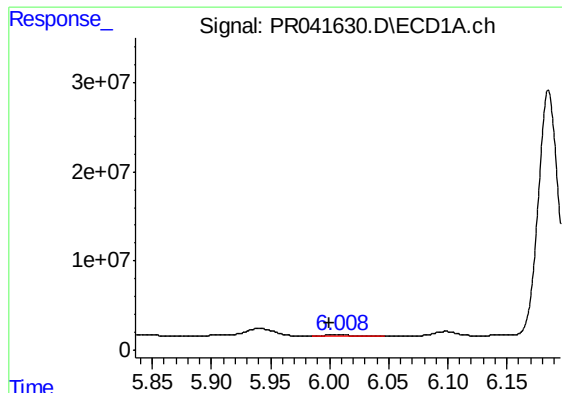
#4 AR-1016-2

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 14655844
Conc: 160.94 ng/ml



#4 AR-1016-2

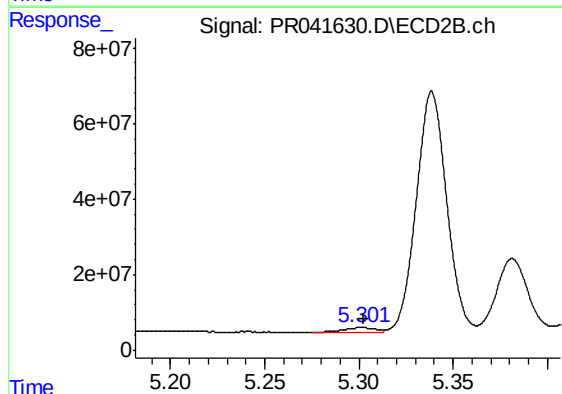
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 19799791
Conc: 96.17 ng/ml



#5 AR-1016-3

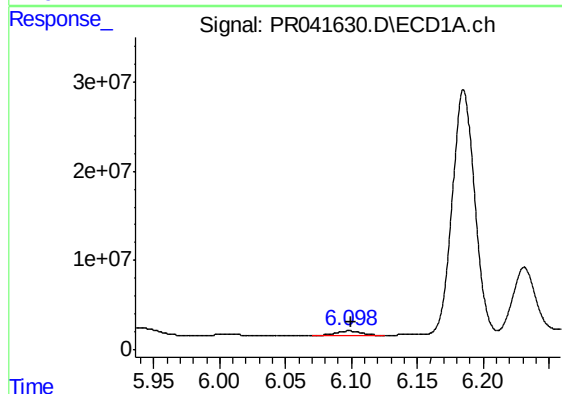
R.T.: 6.008 min
Delta R.T.: 0.007 min
Response: 1049718
Conc: 19.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



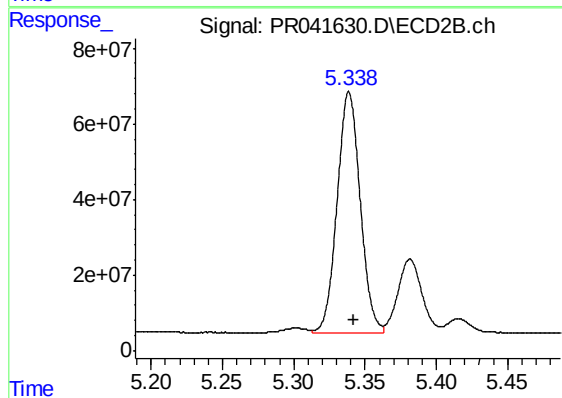
#5 AR-1016-3

R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 12980055
Conc: 109.69 ng/ml



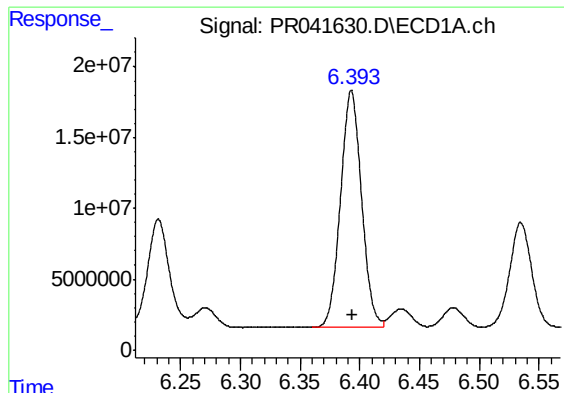
#6 AR-1016-4

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 6377170
Conc: 132.96 ng/ml



#6 AR-1016-4

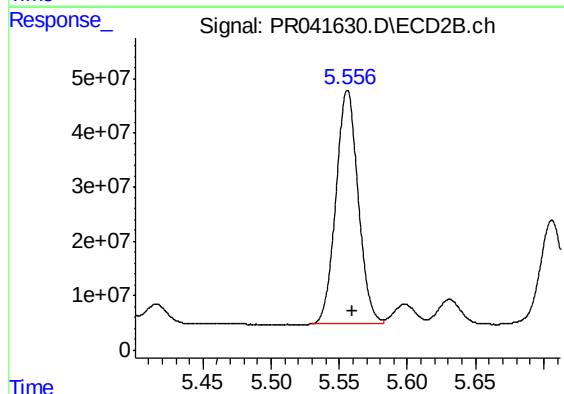
R.T.: 5.339 min
Delta R.T.: -0.003 min
Response: 715961250
Conc: 7349.52 ng/ml



#7 AR-1016-5

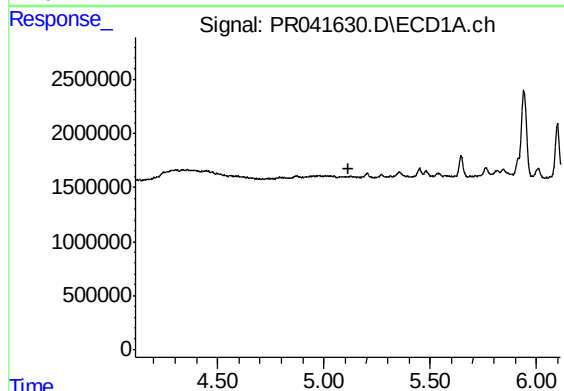
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 205058874
Conc: 4144.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



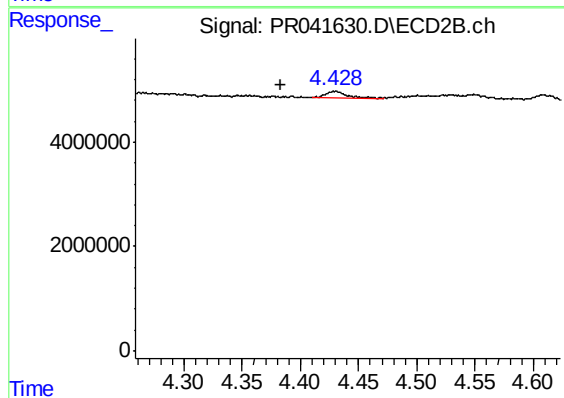
#7 AR-1016-5

R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 489425049
Conc: 3520.45 ng/ml



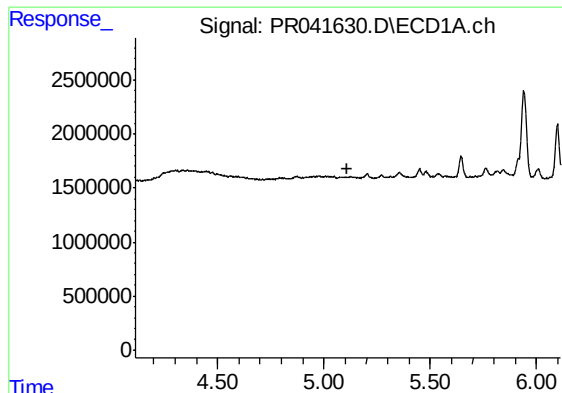
#10 AR-1221-3

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



#10 AR-1221-3

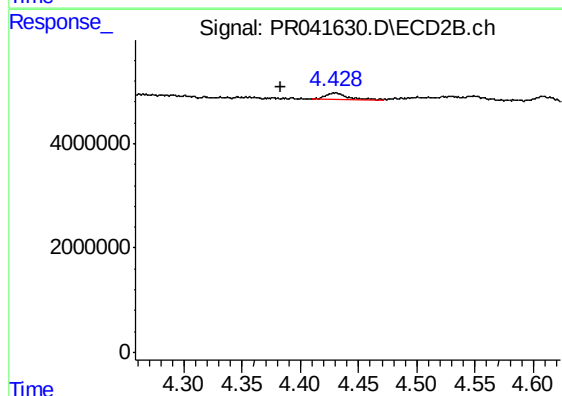
R.T.: 4.430 min
Delta R.T.: 0.047 min
Response: 1610120
Conc: 15.18 ng/ml



#11 AR-1232-1

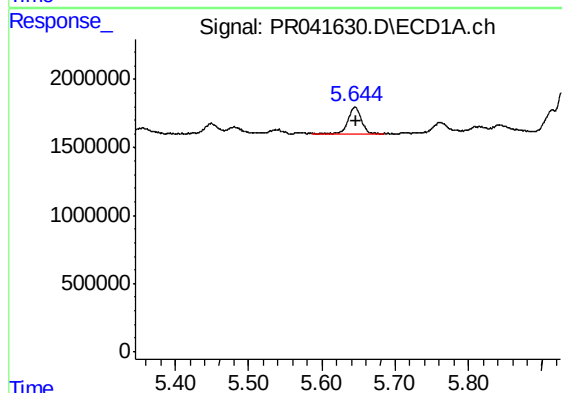
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



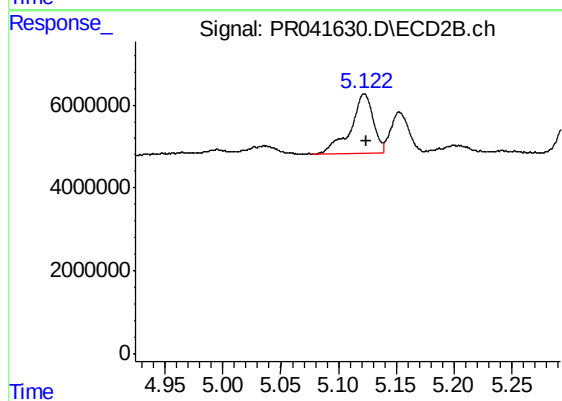
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: 0.047 min
Response: 1610120
Conc: 19.98 ng/ml



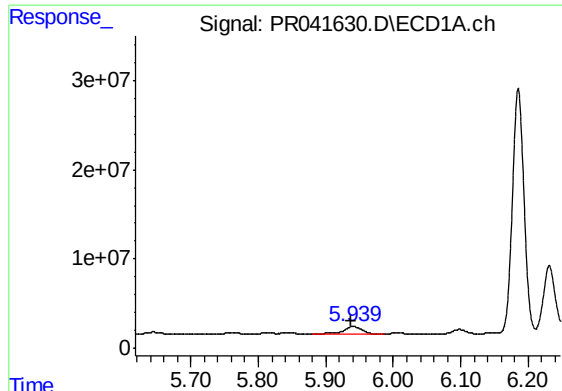
#12 AR-1232-2

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 2403947
Conc: 146.94 ng/ml



#12 AR-1232-2

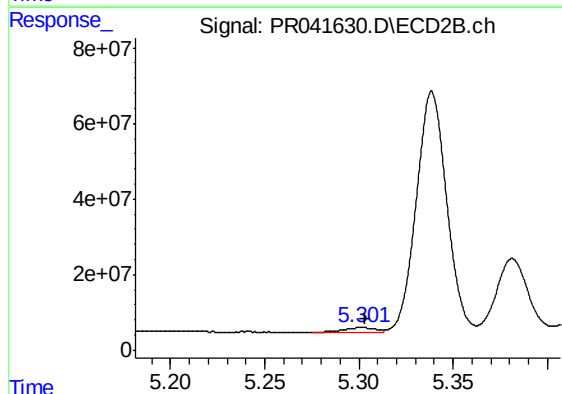
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 19799791
Conc: 203.59 ng/ml



#13 AR-1232-3

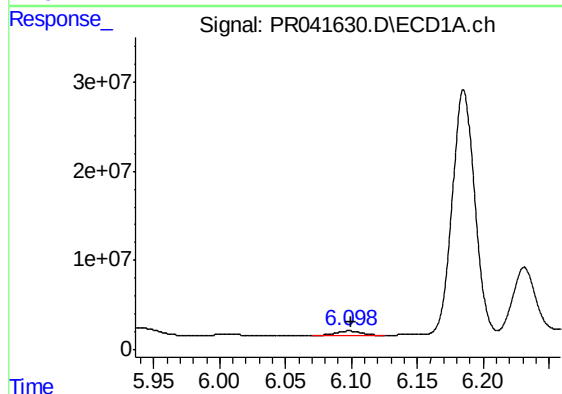
R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 14655844
Conc: 386.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



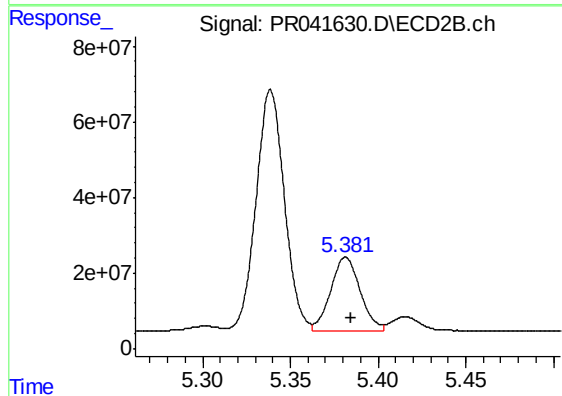
#13 AR-1232-3

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 12980055
Conc: 289.07 ng/ml



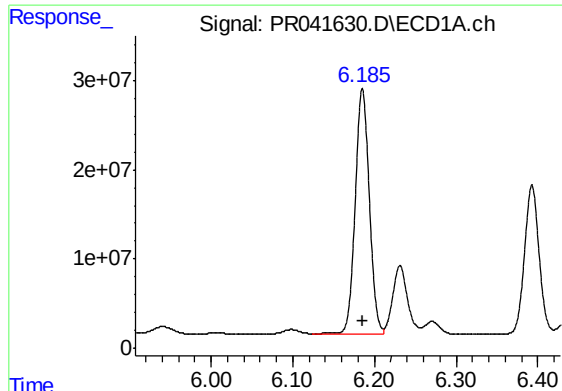
#14 AR-1232-4

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 6377170
Conc: 345.61 ng/ml



#14 AR-1232-4

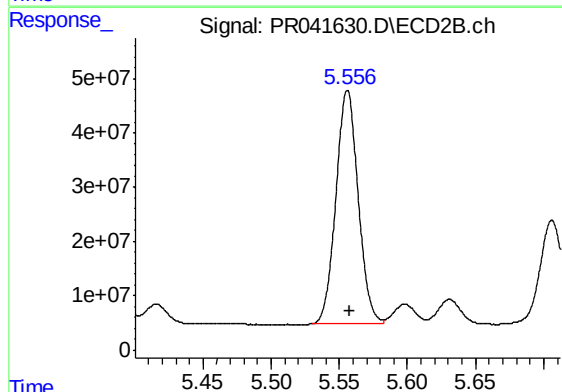
R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 226361025
Conc: 5404.17 ng/ml



#15 AR-1232-5

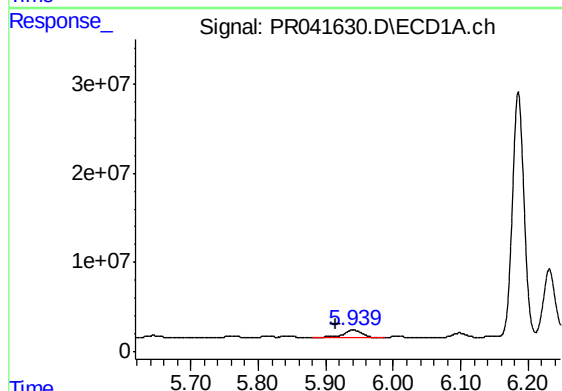
R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 330130670
Conc: 23891.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



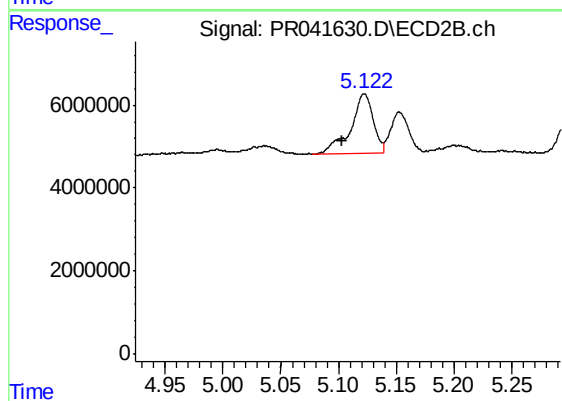
#15 AR-1232-5

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 489425049
Conc: 9149.14 ng/ml



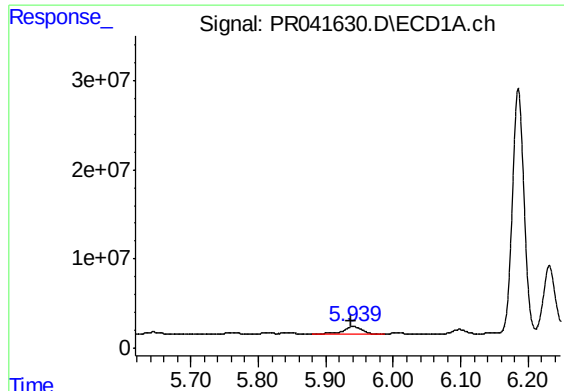
#16 AR-1242-1

R.T.: 5.940 min
Delta R.T.: 0.026 min
Response: 14655844
Conc: 284.93 ng/ml



#16 AR-1242-1

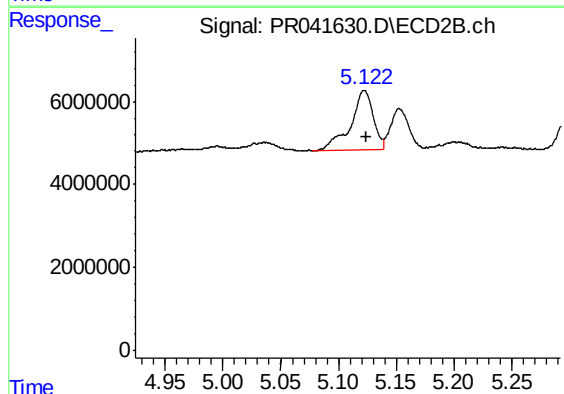
R.T.: 5.122 min
Delta R.T.: 0.019 min
Response: 19799791
Conc: 176.58 ng/ml



#17 AR-1242-2

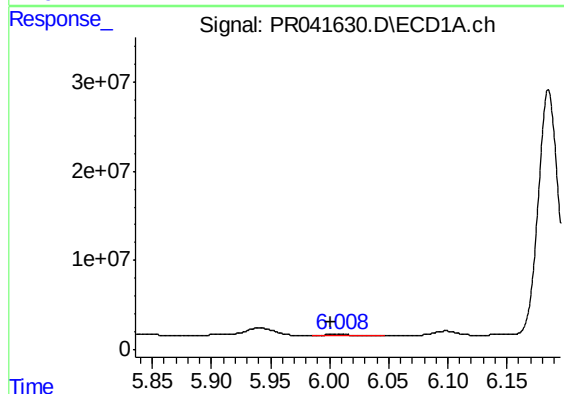
R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 14655844
Conc: 201.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



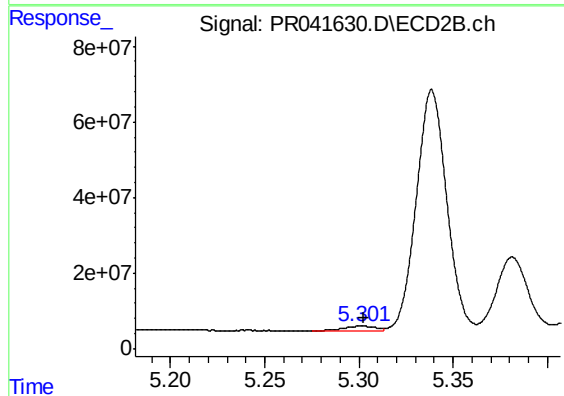
#17 AR-1242-2

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 19799791
Conc: 123.83 ng/ml



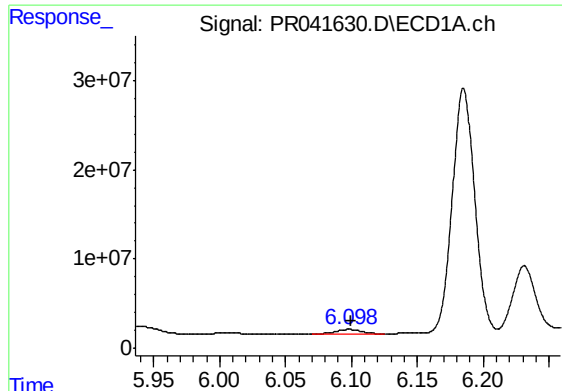
#18 AR-1242-3

R.T.: 6.008 min
Delta R.T.: 0.007 min
Response: 1049718
Conc: 23.74 ng/ml



#18 AR-1242-3

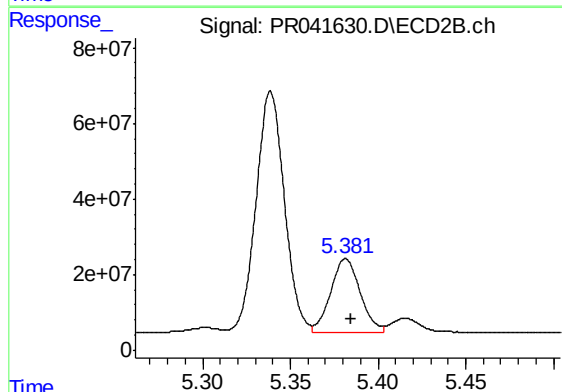
R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 12980055
Conc: 143.10 ng/ml



#19 AR-1242-4

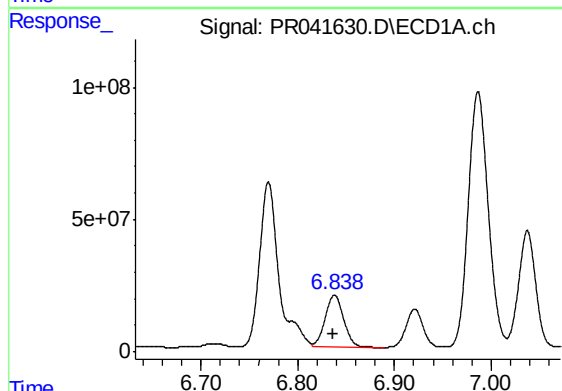
R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 6377170
Conc: 173.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



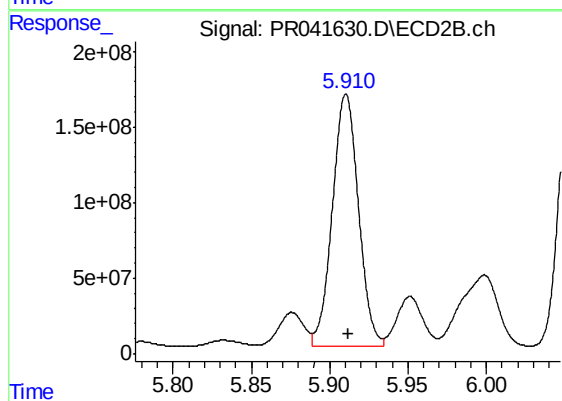
#19 AR-1242-4

R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 226361025
Conc: 2405.40 ng/ml



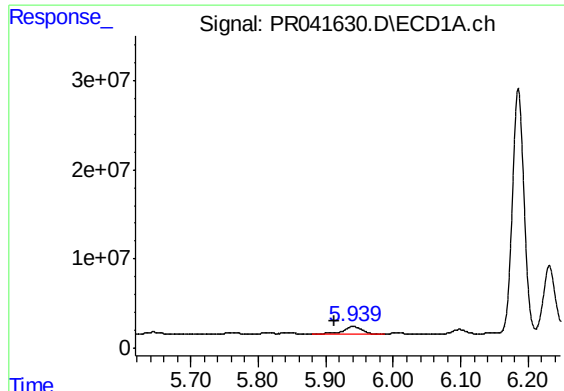
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: 0.002 min
Response: 261120747
Conc: 5094.23 ng/ml



#20 AR-1242-5

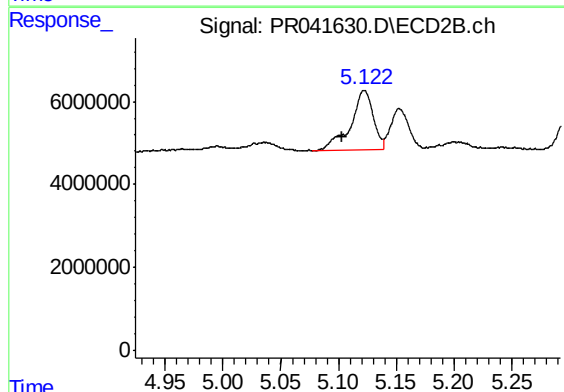
R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 1941021357
Conc: 11442.14 ng/ml



#21 AR-1248-1

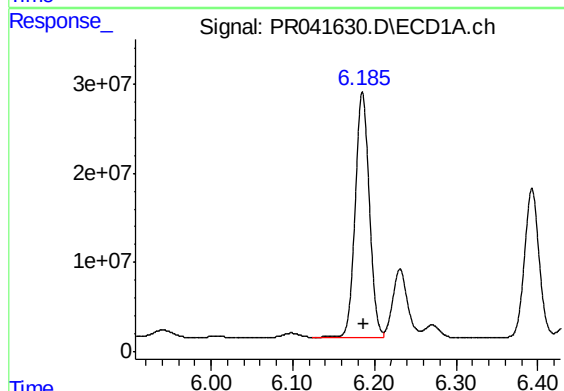
R.T.: 5.940 min
Delta R.T.: 0.027 min
Response: 14655844
Conc: 399.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



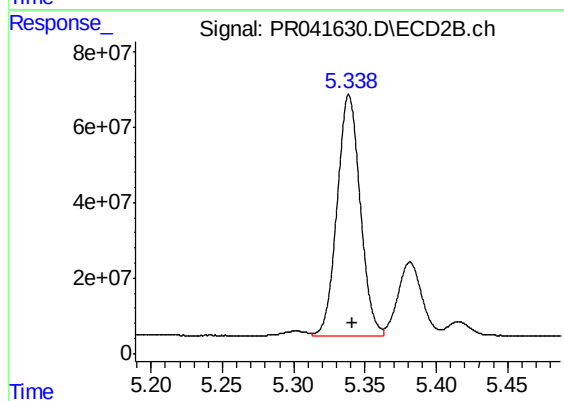
#21 AR-1248-1

R.T.: 5.122 min
Delta R.T.: 0.019 min
Response: 19799791
Conc: 234.91 ng/ml



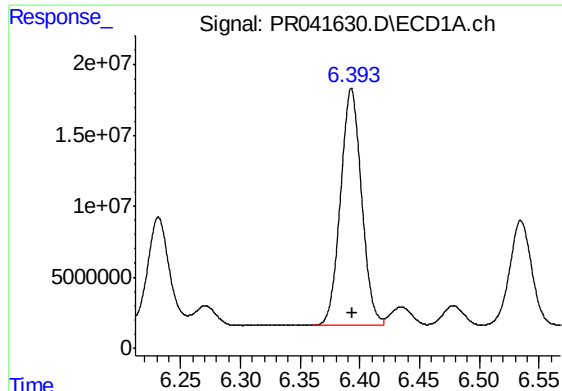
#22 AR-1248-2

R.T.: 6.185 min
Delta R.T.: -0.001 min
Response: 330130670
Conc: 5993.37 ng/ml



#22 AR-1248-2

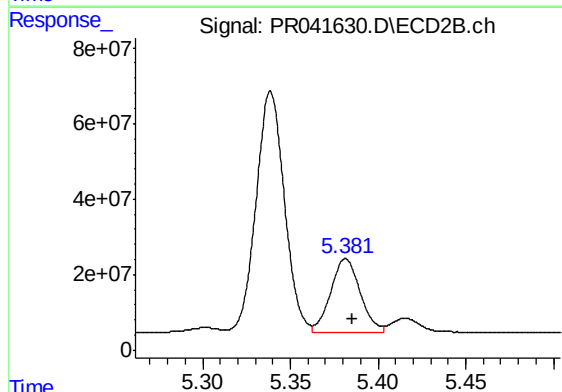
R.T.: 5.339 min
Delta R.T.: -0.003 min
Response: 715961250
Conc: 5886.45 ng/ml



#23 AR-1248-3

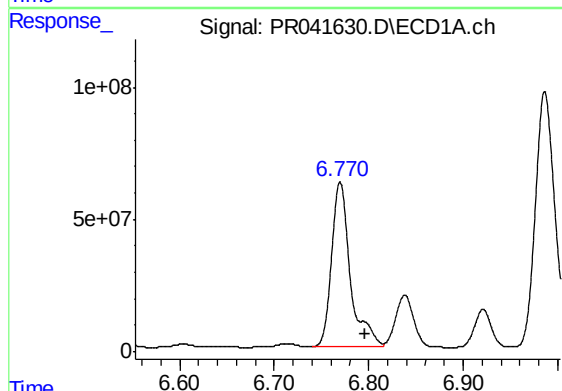
R.T.: 6.393 min
Delta R.T.: -0.001 min
Response: 205058874
Conc: 3193.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



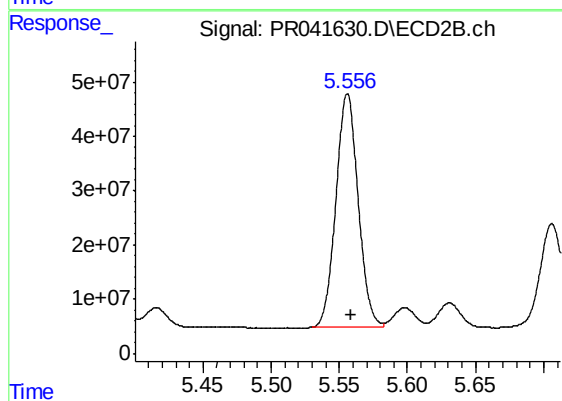
#23 AR-1248-3

R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 226361025
Conc: 1785.48 ng/ml



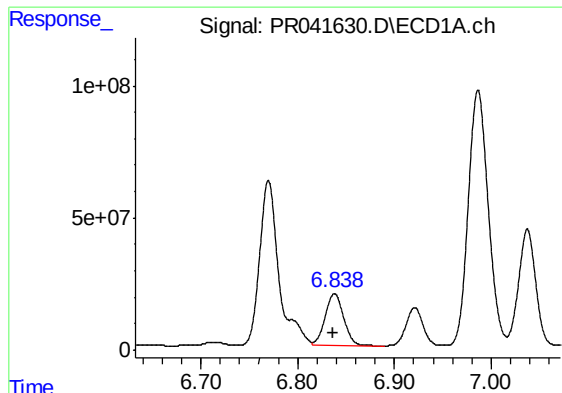
#24 AR-1248-4

R.T.: 6.770 min
Delta R.T.: -0.027 min
Response: 864911459
Conc: 10134.54 ng/ml



#24 AR-1248-4

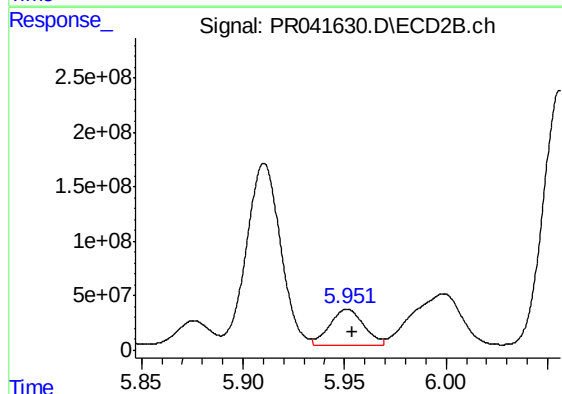
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 489425049
Conc: 2915.91 ng/ml



#25 AR-1248-5

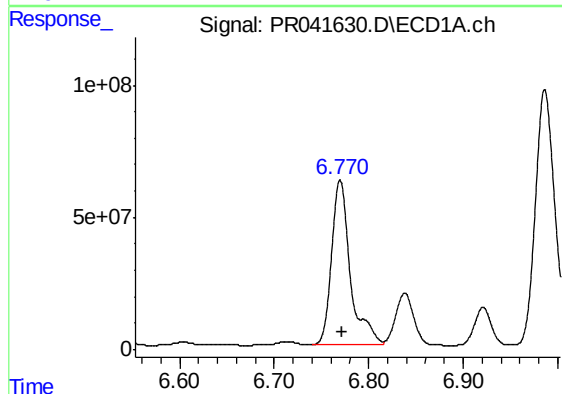
R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 261120747
Conc: 3204.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



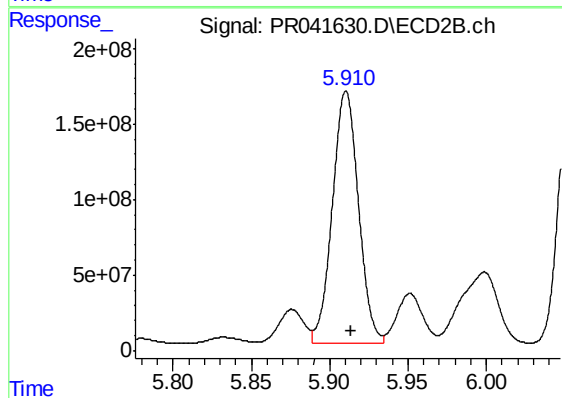
#25 AR-1248-5

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 383490574
Conc: 1761.30 ng/ml



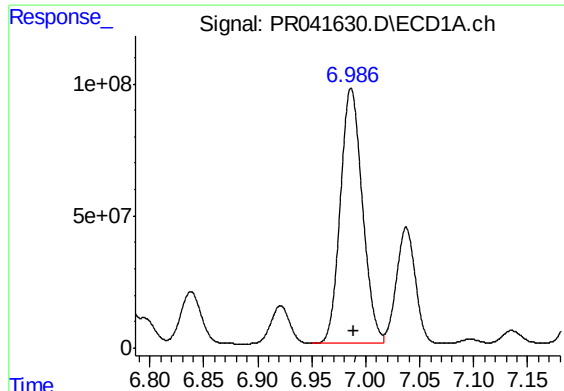
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 864911459
Conc: 10393.43 ng/ml



#26 AR-1254-1

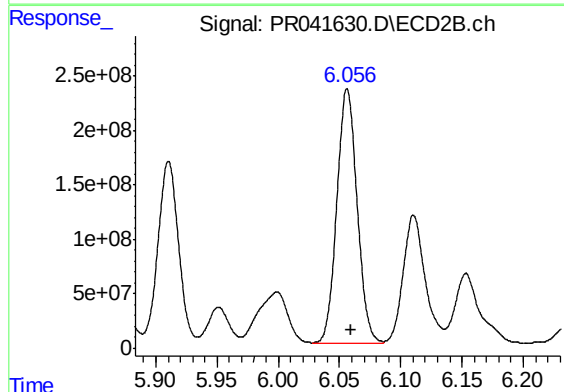
R.T.: 5.910 min
Delta R.T.: -0.003 min
Response: 1941021357
Conc: 5985.27 ng/ml



#27 AR-1254-2

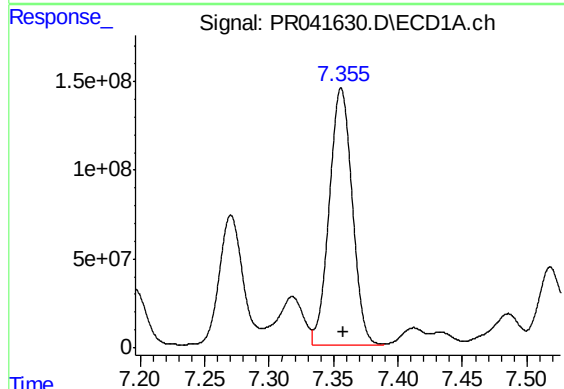
R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 1376807139
Conc: 9798.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



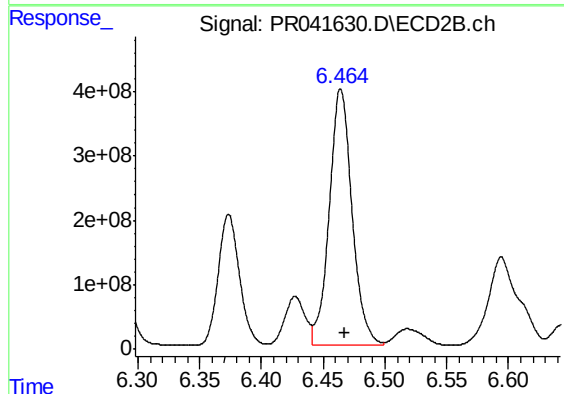
#27 AR-1254-2

R.T.: 6.056 min
Delta R.T.: -0.003 min
Response: 2687226093
Conc: 8796.06 ng/ml



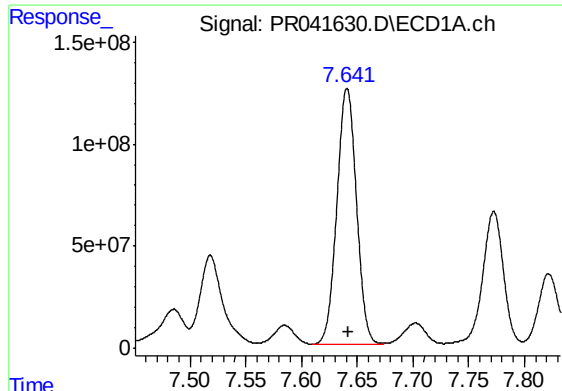
#28 AR-1254-3

R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 1799007553
Conc: 10617.55 ng/ml



#28 AR-1254-3

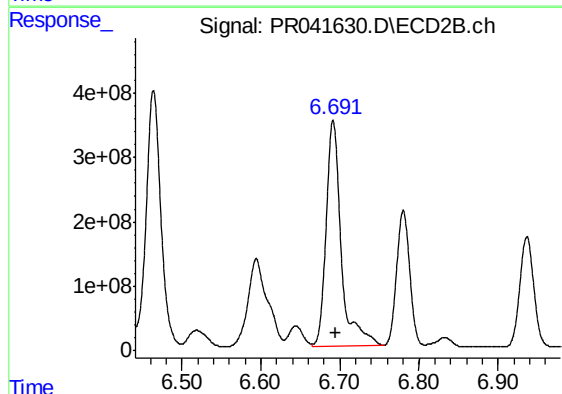
R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 5138606469
Conc: 9183.27 ng/ml



#29 AR-1254-4

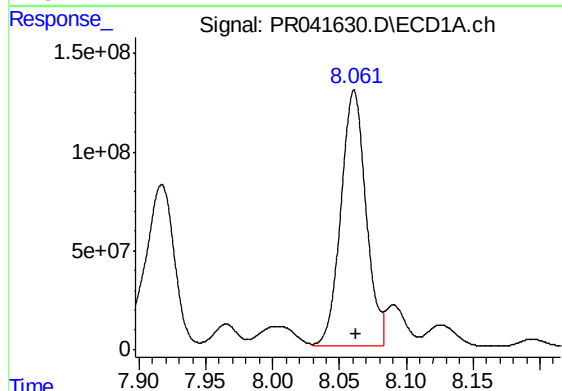
R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 1541400675
Conc: 11355.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



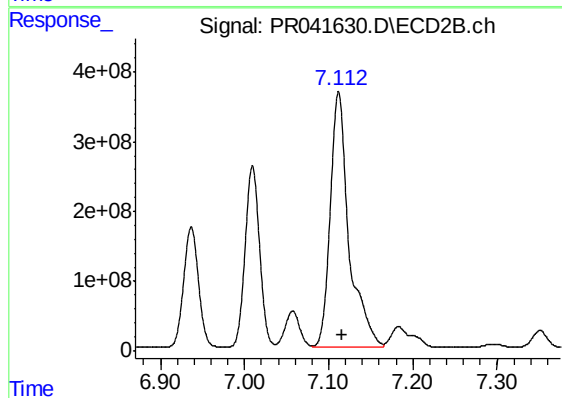
#29 AR-1254-4

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 4667273058
Conc: 10936.62 ng/ml



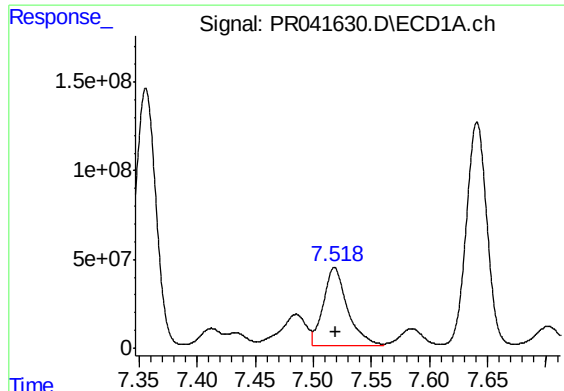
#30 AR-1254-5

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 1697171395
Conc: 11037.17 ng/ml



#30 AR-1254-5

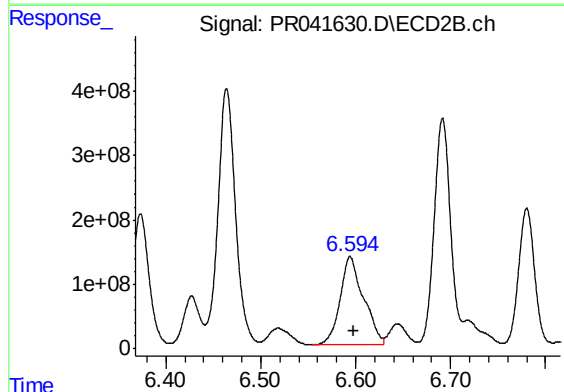
R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 5677376961
Conc: 9813.61 ng/ml



#31 AR-1260-1

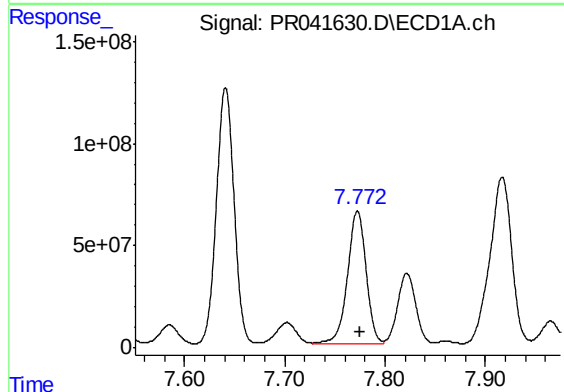
R.T.: 7.518 min
Delta R.T.: -0.001 min
Response: 624221437
Conc: 5271.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



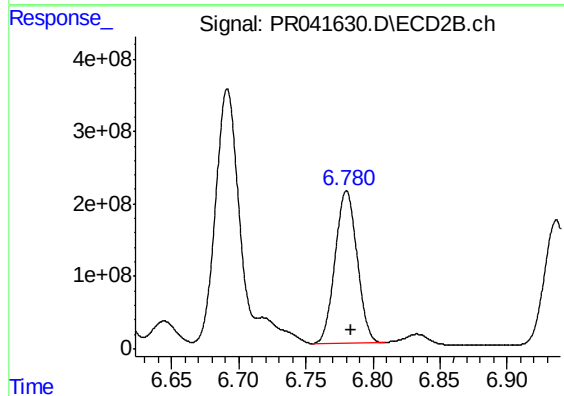
#31 AR-1260-1

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 2328597696
Conc: 5978.66 ng/ml



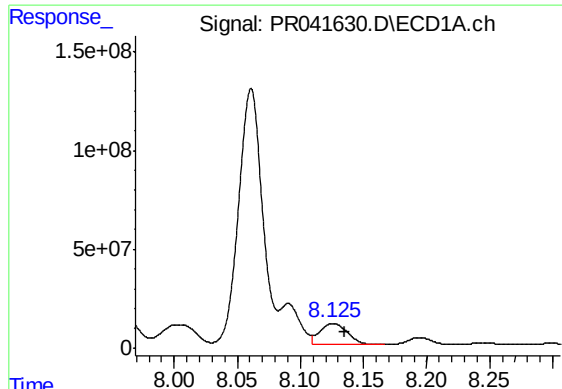
#32 AR-1260-2

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 850264649
Conc: 5761.74 ng/ml



#32 AR-1260-2

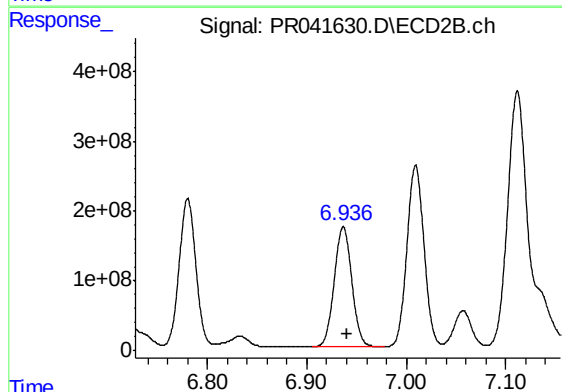
R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 2392969365
Conc: 4438.91 ng/ml



#33 AR-1260-3

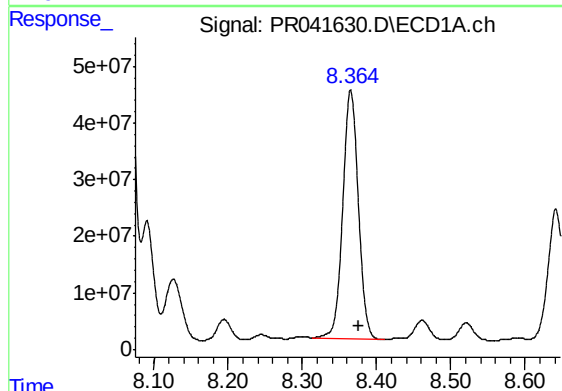
R.T.: 8.126 min
Delta R.T.: -0.009 min
Response: 165820106
Conc: 1429.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



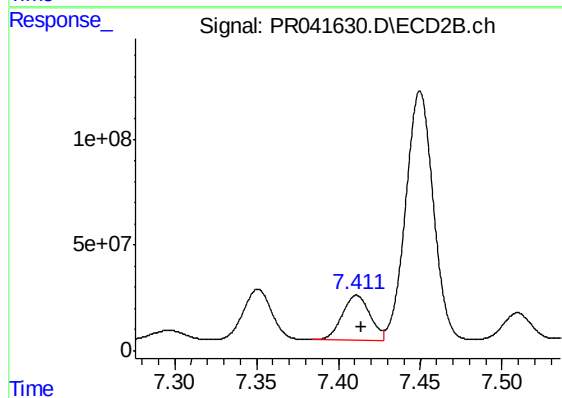
#33 AR-1260-3

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 2106151337
Conc: 4508.86 ng/ml



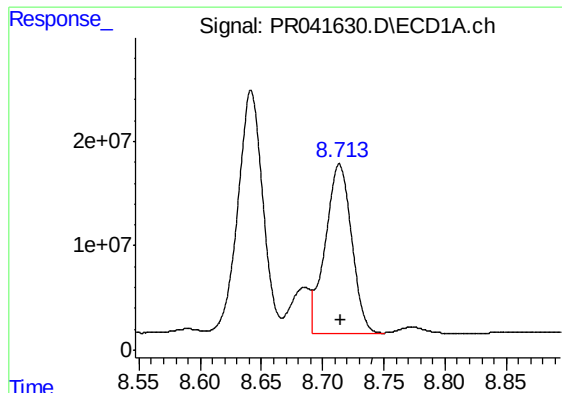
#34 AR-1260-4

R.T.: 8.365 min
Delta R.T.: -0.010 min
Response: 645745270
Conc: 4522.79 ng/ml



#34 AR-1260-4

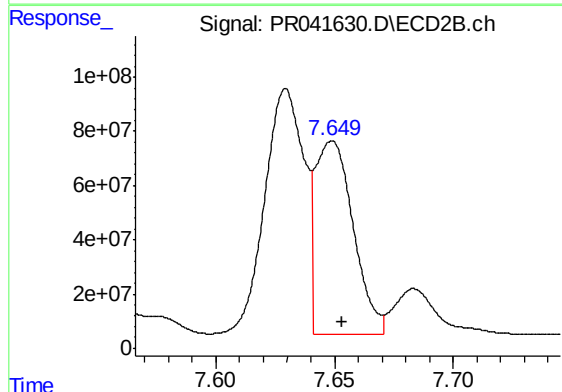
R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 248405371
Conc: 586.11 ng/ml



#35 AR-1260-5

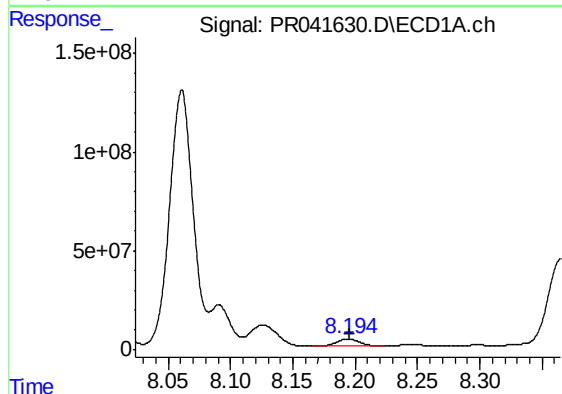
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 242181532
Conc: 786.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



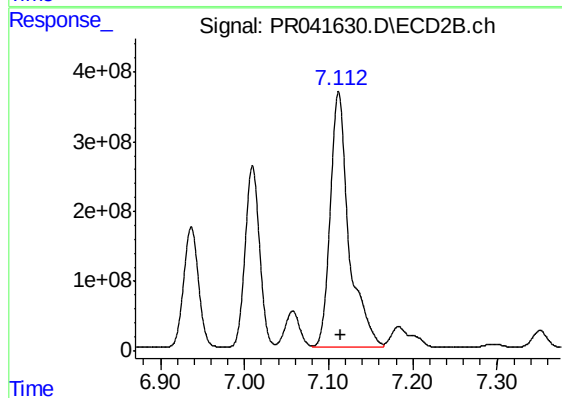
#35 AR-1260-5

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 797178925
Conc: 654.45 ng/ml



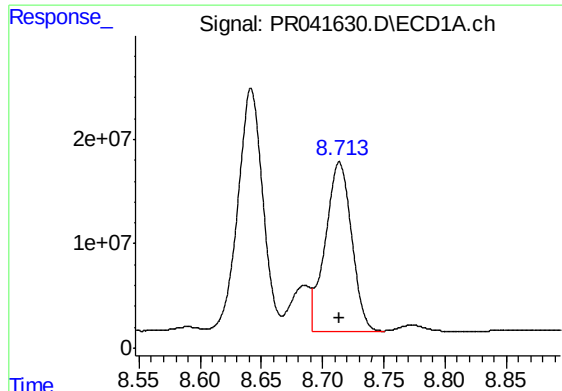
#36 AR-1262-1

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 47471909
Conc: 616.36 ng/ml



#36 AR-1262-1

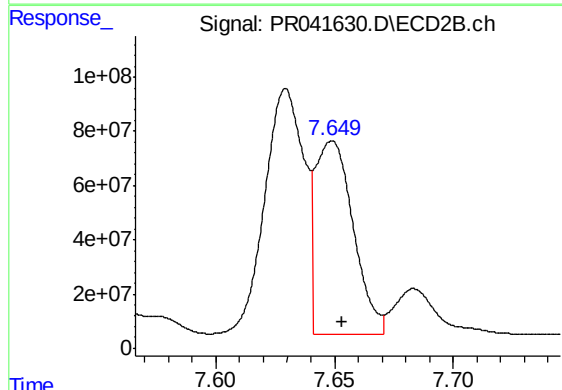
R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 5677376961
Conc: 16962.34 ng/ml



#37 AR-1262-2

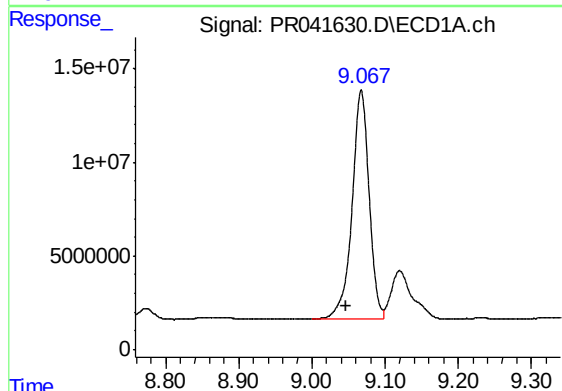
R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 242181532
Conc: 638.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



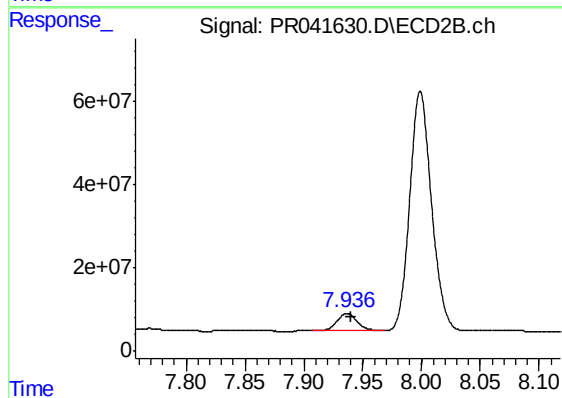
#37 AR-1262-2

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 797178925
Conc: 577.27 ng/ml



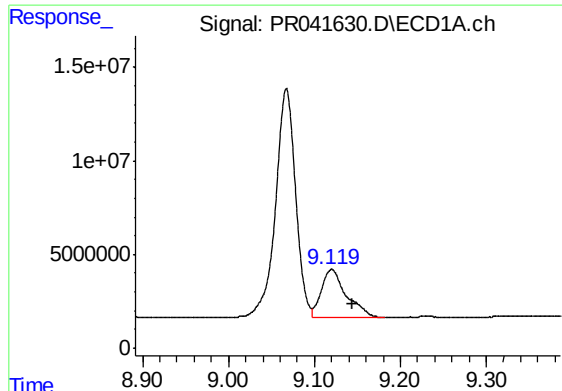
#38 AR-1262-3

R.T.: 9.067 min
Delta R.T.: 0.021 min
Response: 197262160
Conc: 748.16 ng/ml



#38 AR-1262-3

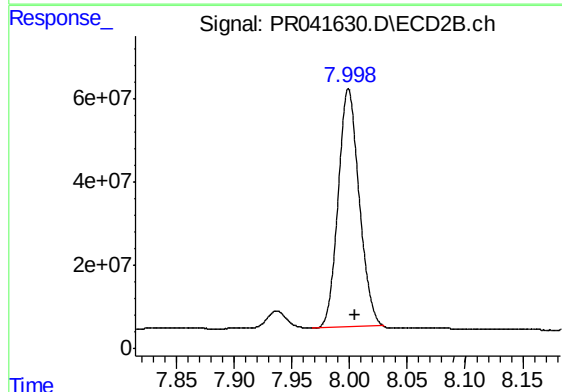
R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 47127667
Conc: 82.40 ng/ml



#39 AR-1262-4

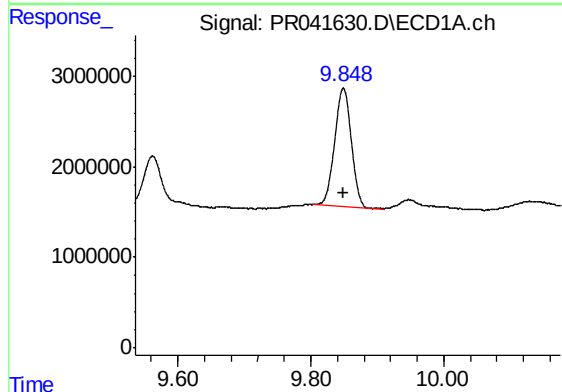
R.T.: 9.120 min
Delta R.T.: -0.023 min
Response: 51283118
Conc: 259.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



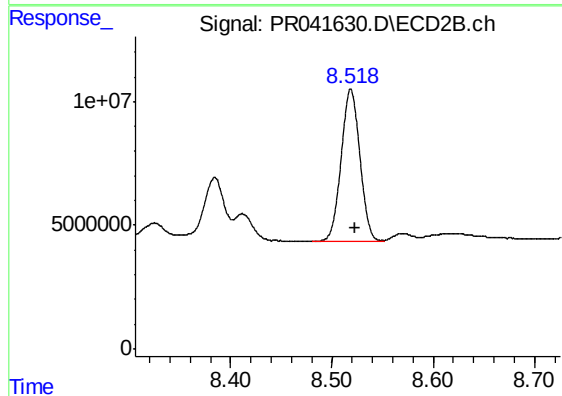
#39 AR-1262-4

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 729301683
Conc: 719.67 ng/ml



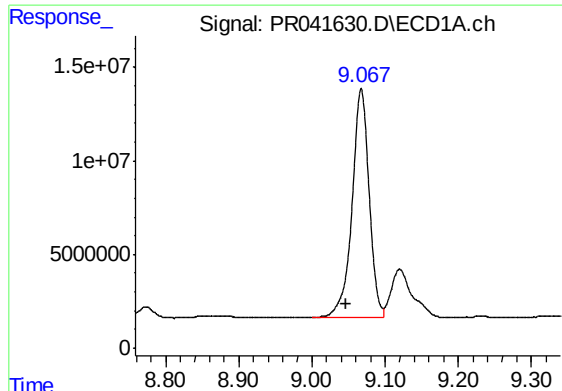
#40 AR-1262-5

R.T.: 9.849 min
Delta R.T.: 0.000 min
Response: 22786745
Conc: 145.53 ng/ml



#40 AR-1262-5

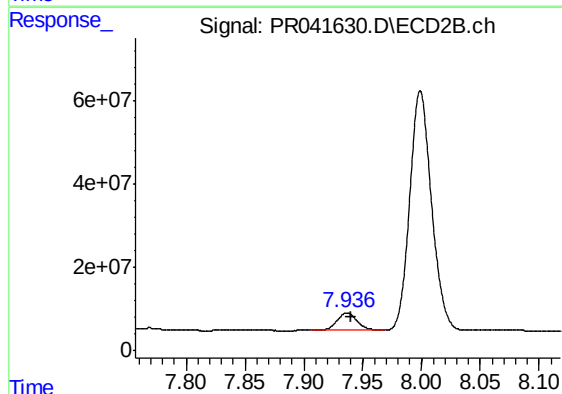
R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 78799406
Conc: 140.77 ng/ml



#41 AR-1268-1

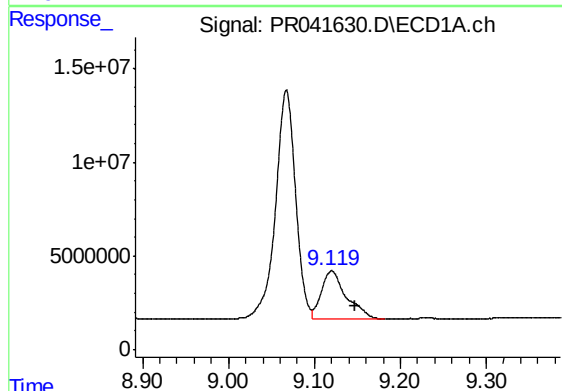
R.T.: 9.067 min
Delta R.T.: 0.021 min
Response: 197262160
Conc: 410.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



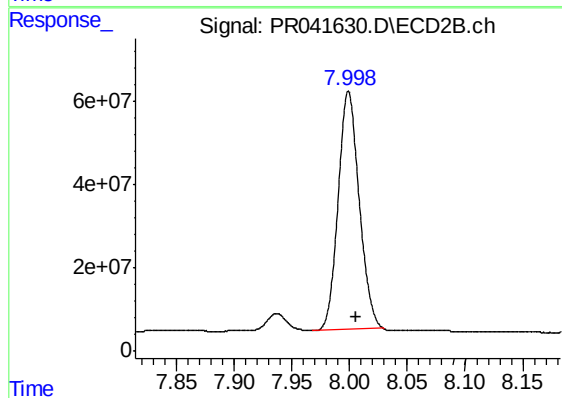
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: -0.004 min
Response: 47127667
Conc: 27.85 ng/ml



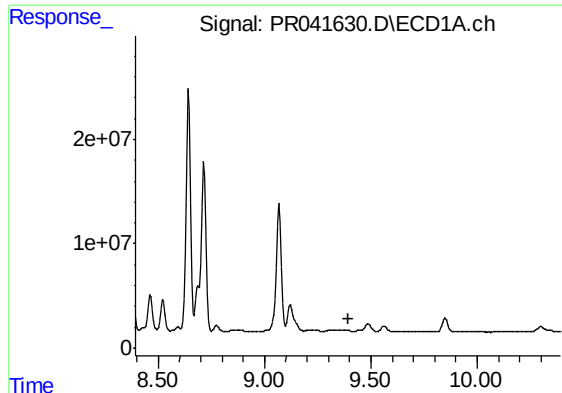
#42 AR-1268-2

R.T.: 9.120 min
Delta R.T.: -0.027 min
Response: 51283118
Conc: 115.95 ng/ml



#42 AR-1268-2

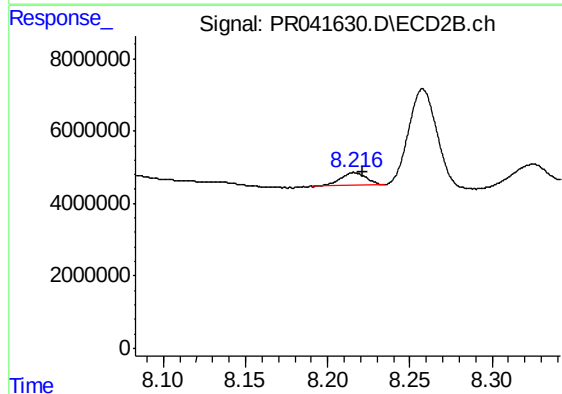
R.T.: 7.999 min
Delta R.T.: -0.006 min
Response: 729301683
Conc: 466.18 ng/ml



#43 AR-1268-3

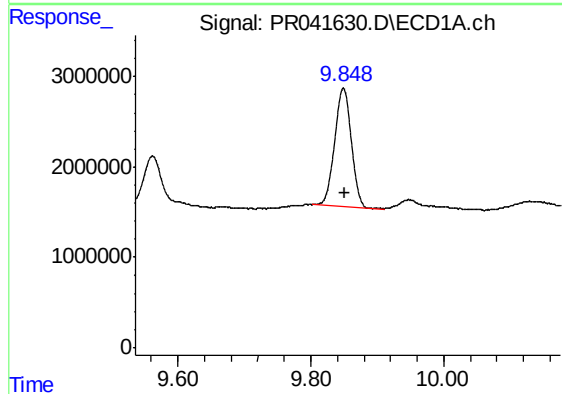
R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



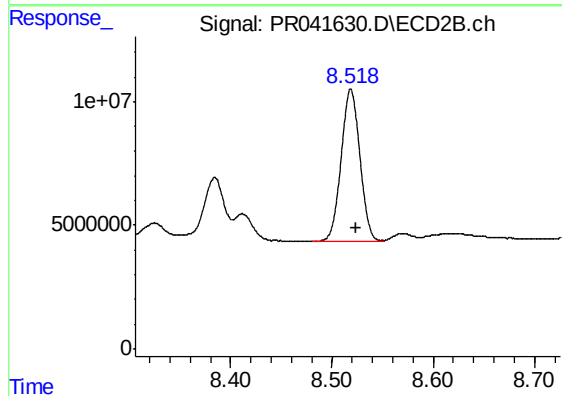
#43 AR-1268-3

R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 3915164
Conc: 2.96 ng/ml



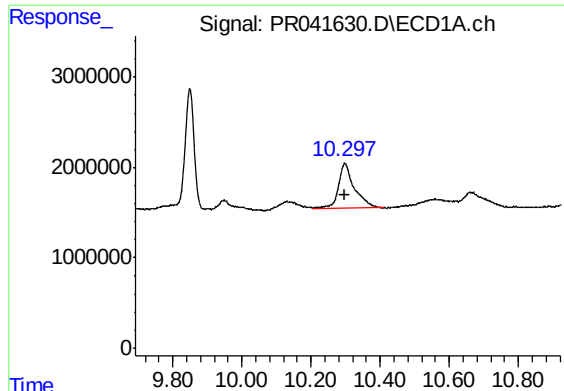
#44 AR-1268-4

R.T.: 9.849 min
Delta R.T.: -0.002 min
Response: 22786745
Conc: 130.15 ng/ml



#44 AR-1268-4

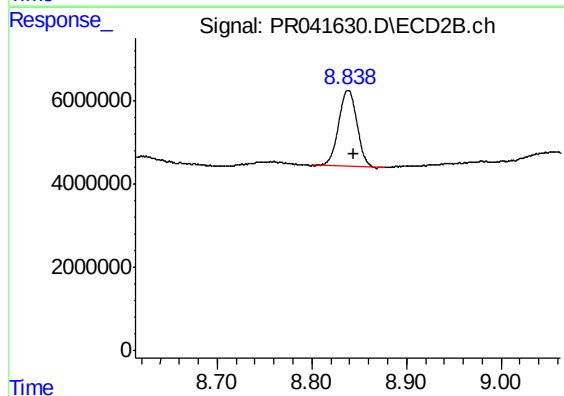
R.T.: 8.519 min
Delta R.T.: -0.005 min
Response: 78799406
Conc: 131.30 ng/ml



#45 AR-1268-5

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 16481341
Conc: 11.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
C0AW4DL



#45 AR-1268-5

R.T.: 8.839 min
Delta R.T.: -0.005 min
Response: 24875773
Conc: 5.64 ng/ml