

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121819\
 Data File : PR044015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2019 21:08
 Operator : SM\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 01:12:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 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...	4.713	3.971	86753758	229.9E6	21.706	20.830
2)	SA Decachlor...	10.622	9.058	167.3E6	369.0E6	35.069	36.579
Target Compounds							
3)	L1 AR-1016-1	5.889	5.063	40920461	81572412	257.535	236.390
4)	L1 AR-1016-2	5.912	5.082	47857474	84827277	210.554	176.355
5)	L1 AR-1016-3	5.975	5.262	24368514	50091724	181.196	229.862 #
6)	L1 AR-1016-4	6.075	5.300	26460504	94845014	234.308	525.346 #
7)	L1 AR-1016-5	6.369	5.517	63941967	128.9E6	565.987	545.508
8)	L2 AR-1221-1	0.000	4.141f	0	1301880	N.D.	11.406 #
9)	L2 AR-1221-2	0.000	4.273	0	5330214	N.D.	65.332 #
10)	L2 AR-1221-3	5.088	4.346	4984369	13413310	50.821	48.075
11)	L3 AR-1232-1	5.088	4.346	4984369	13413310	62.207	58.128
12)	L3 AR-1232-2	5.621	5.082	16846927	84827277	381.372	389.597
13)	L3 AR-1232-3	5.912	5.262	47857474	50091724	501.386	528.332
14)	L3 AR-1232-4	6.075	5.343	26460504	97829567	565.329	1129.801 #
15)	L3 AR-1232-5	6.162	5.517	56843580	128.9E6	1660.275	1310.760
16)	L4 AR-1242-1	5.889	5.063	40920461	81572412	323.421	283.535
17)	L4 AR-1242-2	5.912	5.082	47857474	84827277	264.109	214.514
18)	L4 AR-1242-3	5.975	5.262	24368514	50091724	224.453	263.558
19)	L4 AR-1242-4	6.075	5.343	26460504	97829567	293.083	535.092 #
20)	L4 AR-1242-5	6.812	5.868	71763751	216.0E6	653.228	728.288
21)	L5 AR-1248-1	5.889	5.063	40920461	81572412	408.610	354.533
22)	L5 AR-1248-2	6.162	5.300	56843580	94845014	414.615	362.479
23)	L5 AR-1248-3	6.369	5.343	63941967	97829567	404.476	369.518
24)	L5 AR-1248-4	6.772	5.517	75325327	128.9E6	387.919	387.323
25)	L5 AR-1248-5	6.812	5.910	71763751	153.6E6	391.343	375.690
26)	L6 AR-1254-1	6.745	5.868	59789989	216.0E6	312.861	358.788
27)	L6 AR-1254-2	6.969	6.016	75588646	61432838	247.938	113.205 #
28)	L6 AR-1254-3	7.333	6.421	41828194	103.9E6	121.294	108.998
29)	L6 AR-1254-4	7.618	6.649	28387865	77604336	108.359	117.002
30)	L6 AR-1254-5	8.038	7.069	7863237	16173255	27.748	18.586 #
31)	L7 AR-1260-1	7.496	6.543	6411286	14716329	27.735	26.929
32)	L7 AR-1260-2	7.747	6.738	7109710	16737795	24.917	20.856
33)	L7 AR-1260-3	0.000	6.893	0	12095456	N.D.	18.111 #
34)	L7 AR-1260-4	8.342	7.365	3922795	6482348	15.150	11.548
35)	L7 AR-1260-5	8.687	7.605	2354640	10060264	4.216	5.976 #
36)	L8 AR-1262-1	0.000	7.069	0	16173255	N.D.	32.694 #
37)	L8 AR-1262-2	8.687	7.605	2354640	10060264	3.317	4.627 #
38)	L8 AR-1262-3	0.000	7.890	0	4528747	N.D.	5.243 #
39)	L8 AR-1262-4	0.000	7.953	0	7125139	N.D.	5.011 #
41)	L9 AR-1268-1	0.000	7.890	0	4528747	N.D.	1.852 #
42)	L9 AR-1268-2	0.000	7.953	0	7125139	N.D.	3.406 #

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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
43) L9	AR-1268-3	0.000	8.165	0	3071754	N.D.	1.706 #
45) L9	AR-1268-5	0.000	8.784	0	3082236	N.D.	0.632 #

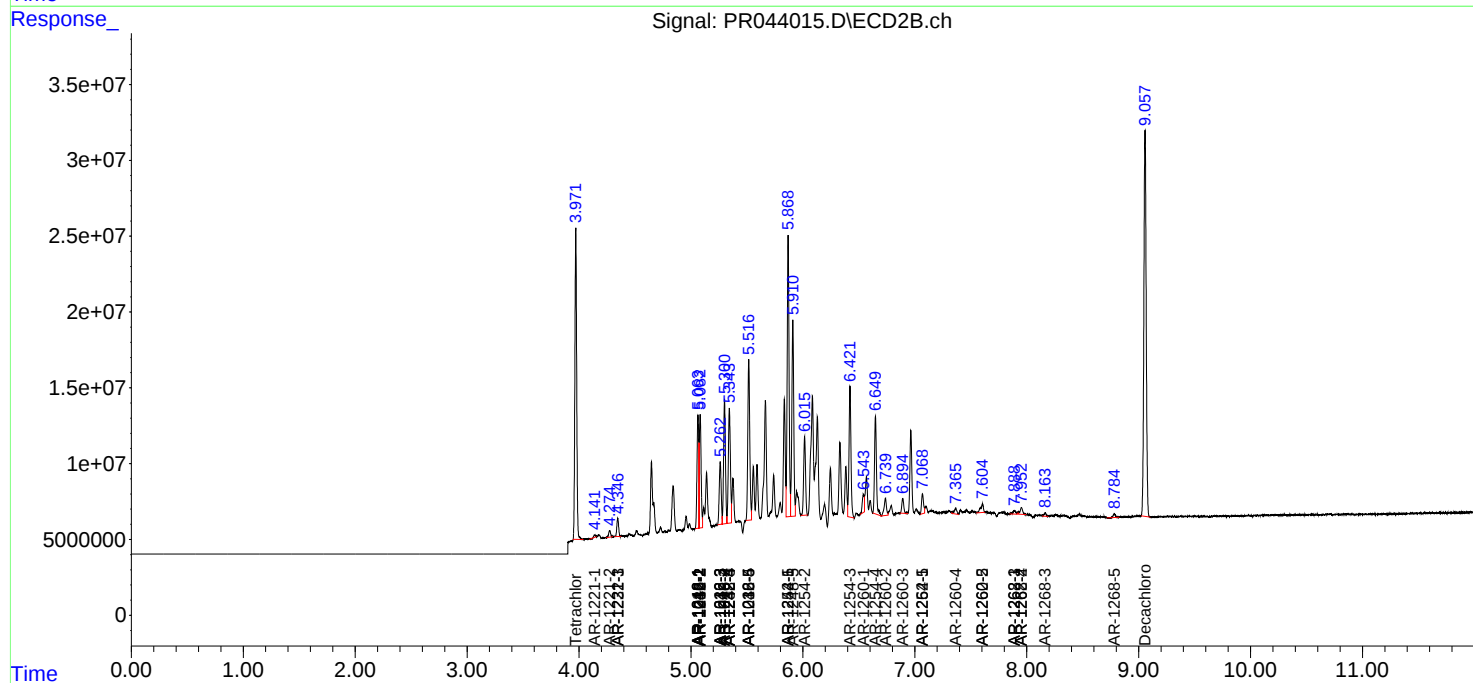
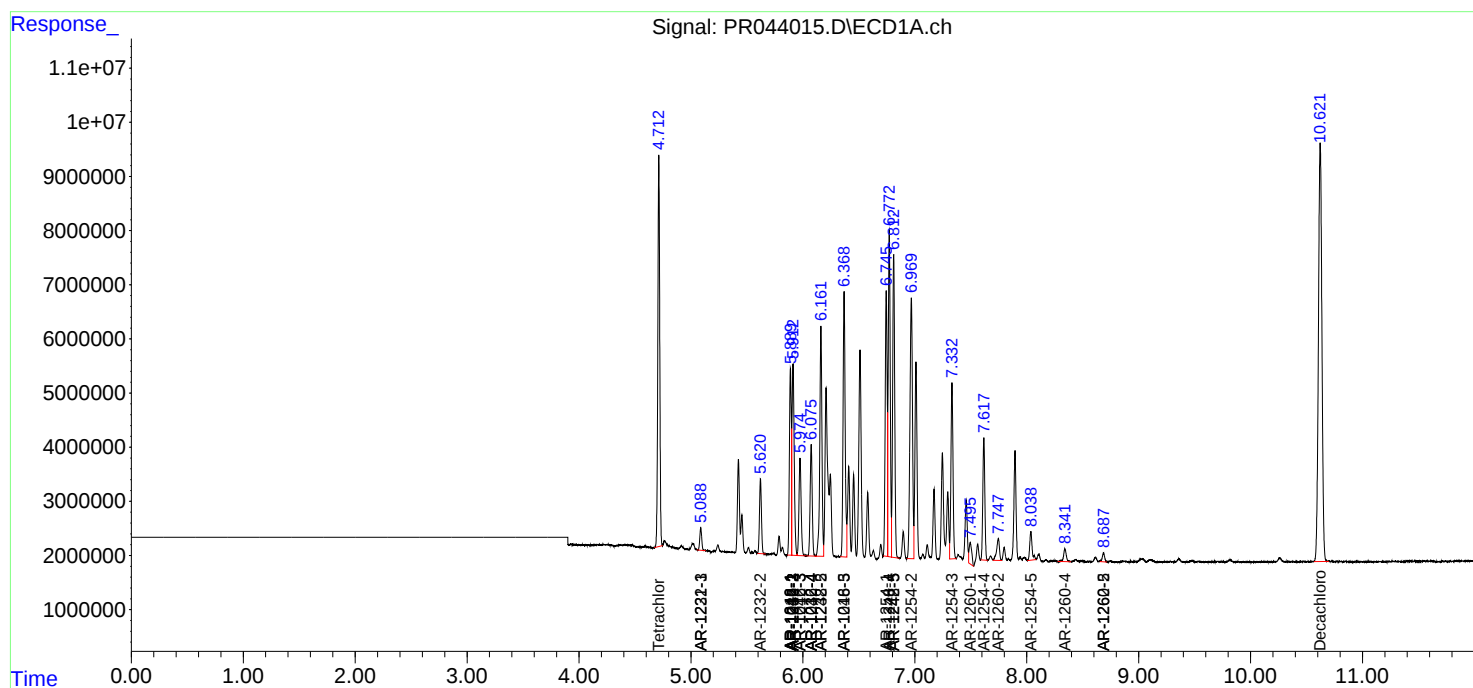
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

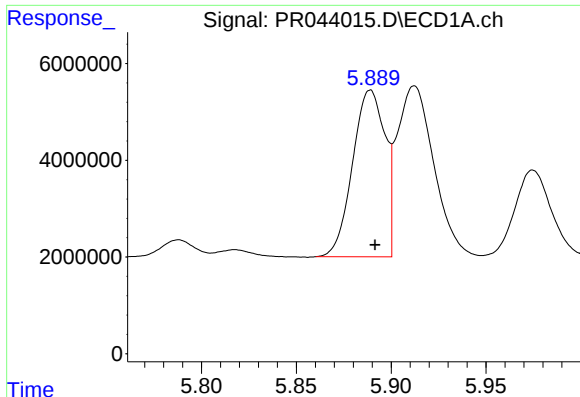
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

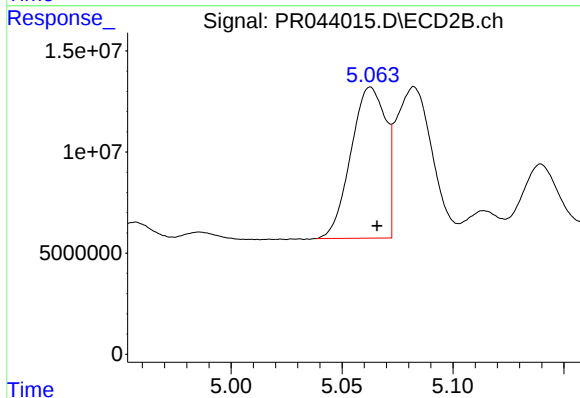




#3 AR-1016-1

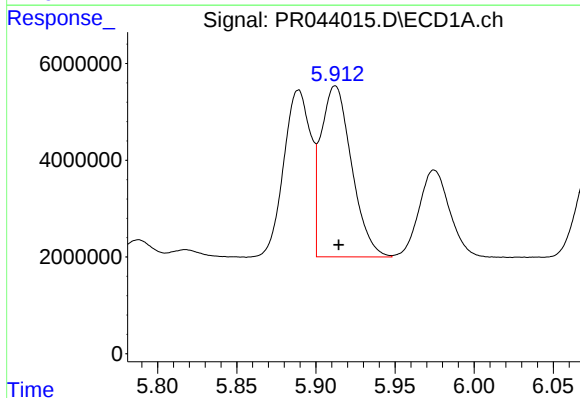
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 40920461
Conc: 257.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



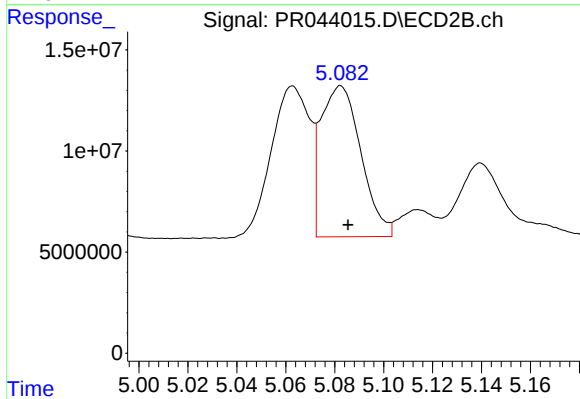
#3 AR-1016-1

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 81572412
Conc: 236.39 ng/ml



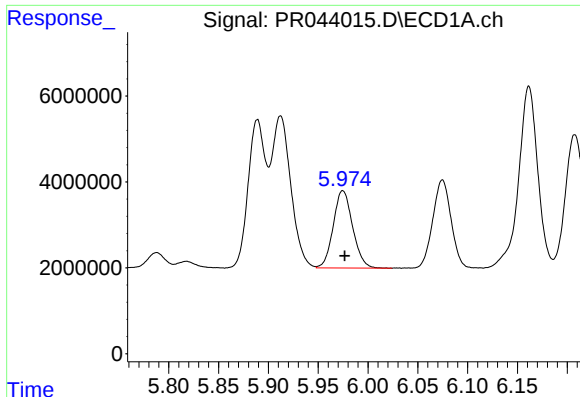
#4 AR-1016-2

R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 47857474
Conc: 210.55 ng/ml



#4 AR-1016-2

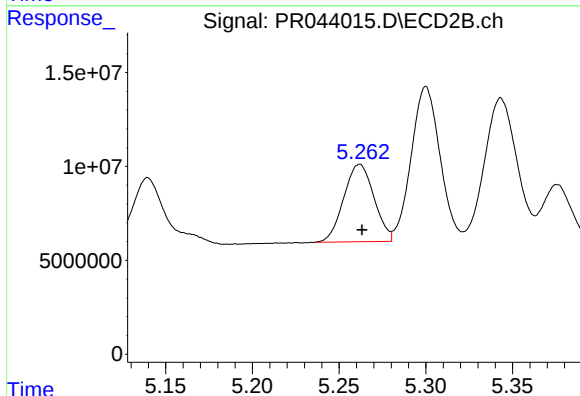
R.T.: 5.082 min
Delta R.T.: -0.003 min
Response: 84827277
Conc: 176.36 ng/ml



#5 AR-1016-3

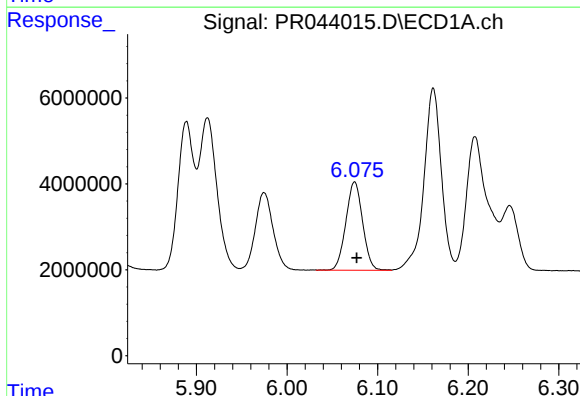
R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 24368514
Conc: 181.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



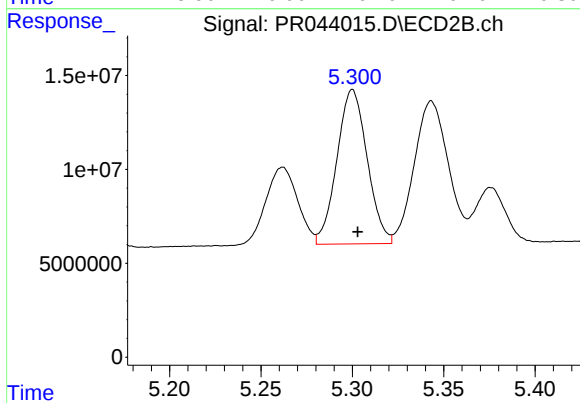
#5 AR-1016-3

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 50091724
Conc: 229.86 ng/ml



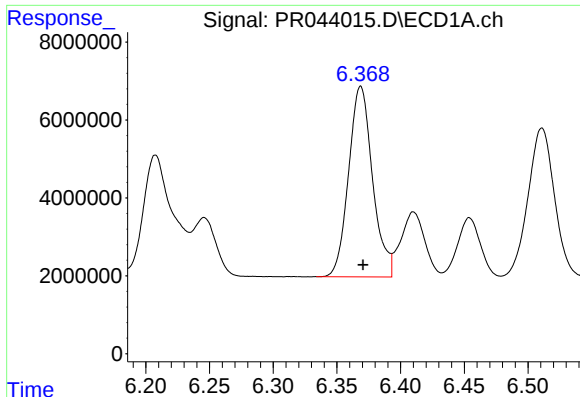
#6 AR-1016-4

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 26460504
Conc: 234.31 ng/ml



#6 AR-1016-4

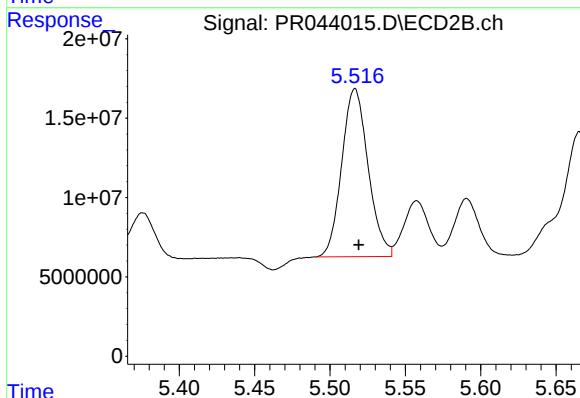
R.T.: 5.300 min
Delta R.T.: -0.003 min
Response: 94845014
Conc: 525.35 ng/ml



#7 AR-1016-5

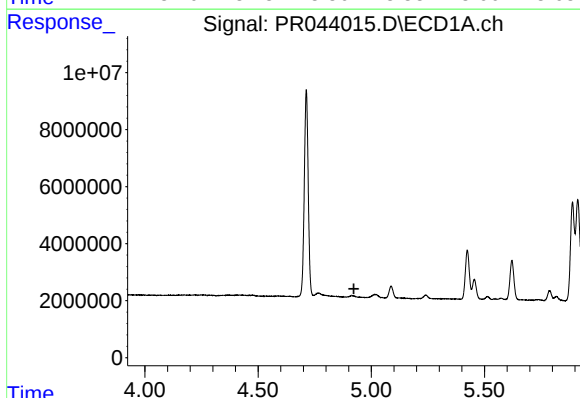
R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 63941967
Conc: 565.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



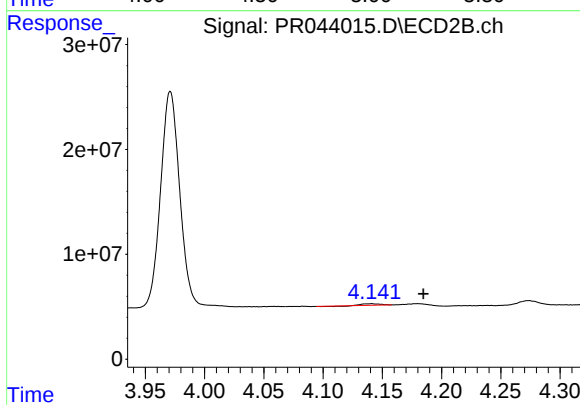
#7 AR-1016-5

R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 128889668
Conc: 545.51 ng/ml



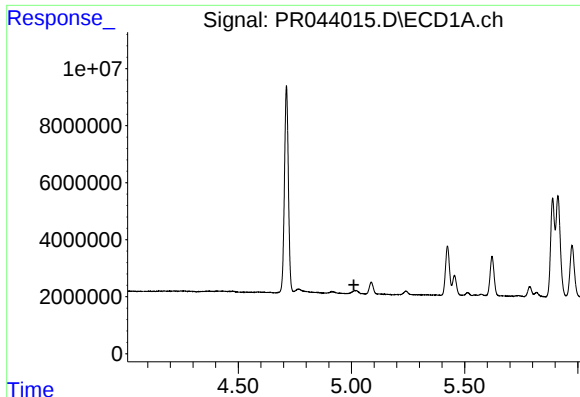
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#8 AR-1221-1

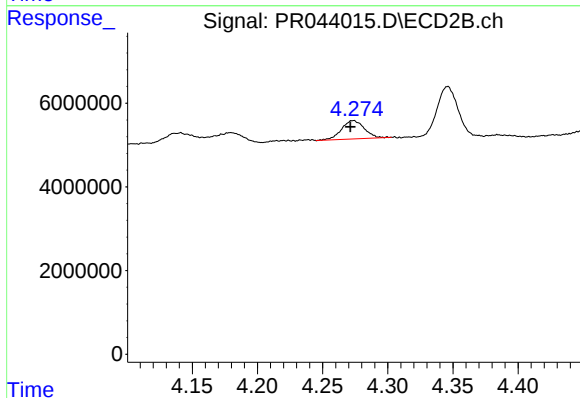
R.T.: 4.141 min
Delta R.T.: -0.044 min
Response: 1301880
Conc: 11.41 ng/ml



#9 AR-1221-2

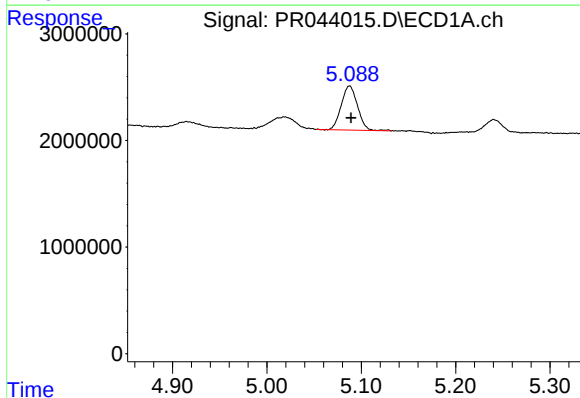
R.T.: 0.000 min
Exp R.T.: 5.011 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



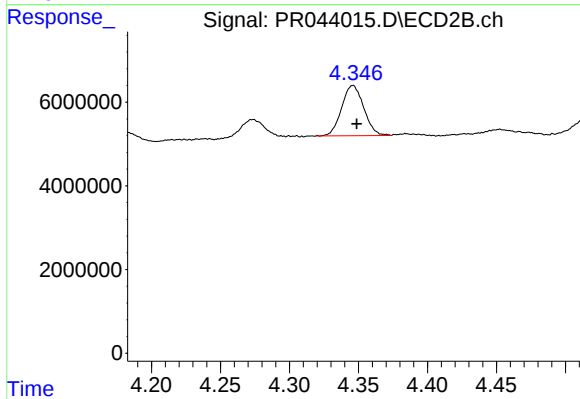
#9 AR-1221-2

R.T.: 4.273 min
Delta R.T.: 0.002 min
Response: 5330214
Conc: 65.33 ng/ml



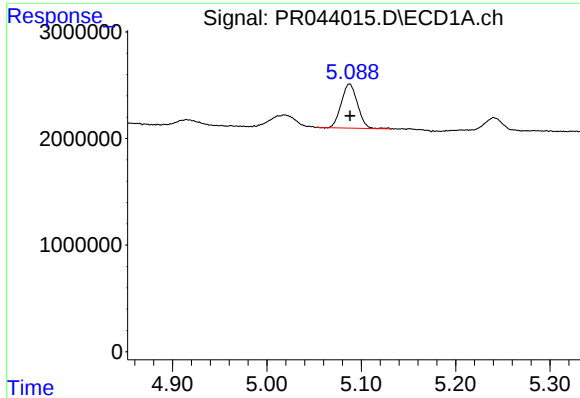
#10 AR-1221-3

R.T.: 5.088 min
Delta R.T.: -0.002 min
Response: 4984369
Conc: 50.82 ng/ml



#10 AR-1221-3

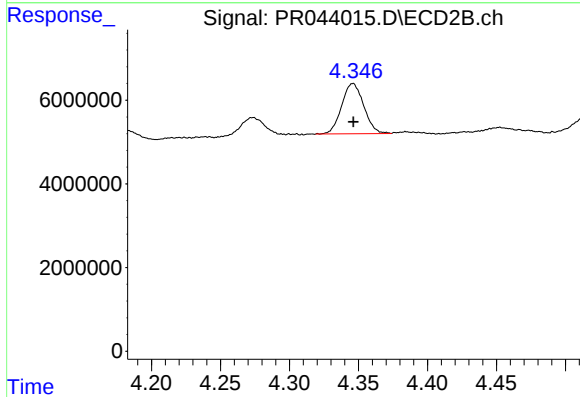
R.T.: 4.346 min
Delta R.T.: -0.003 min
Response: 13413310
Conc: 48.08 ng/ml



#11 AR-1232-1

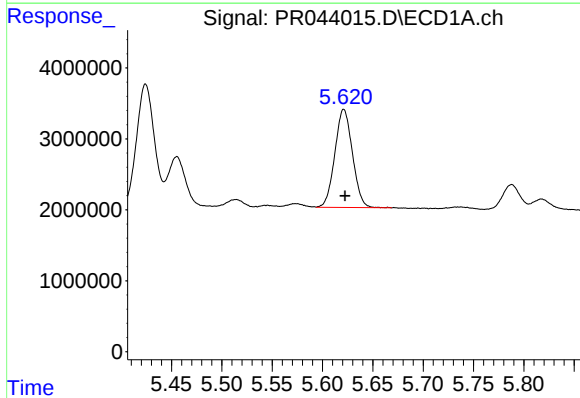
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 4984369
Conc: 62.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



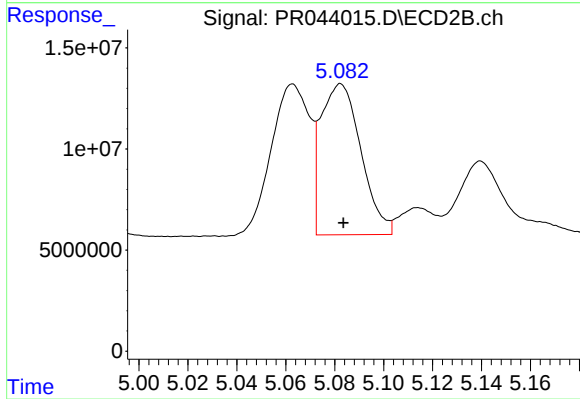
#11 AR-1232-1

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 13413310
Conc: 58.13 ng/ml



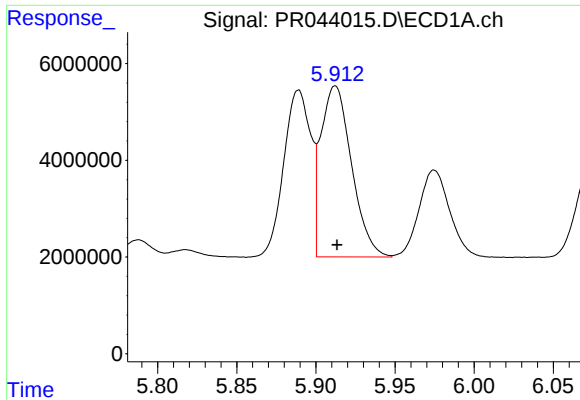
#12 AR-1232-2

R.T.: 5.621 min
Delta R.T.: -0.001 min
Response: 16846927
Conc: 381.37 ng/ml



#12 AR-1232-2

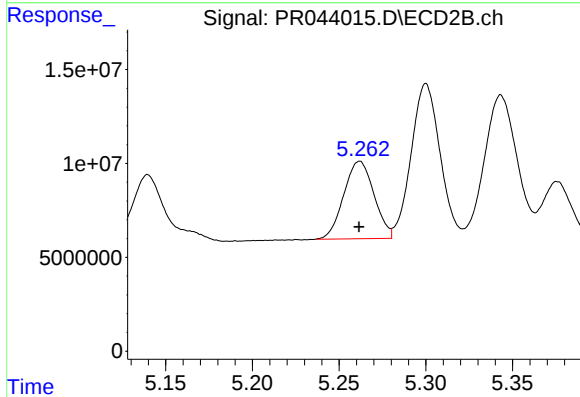
R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 84827277
Conc: 389.60 ng/ml



#13 AR-1232-3

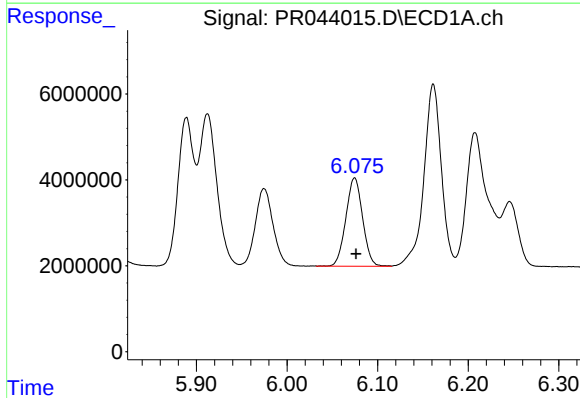
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 47857474
Conc: 501.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



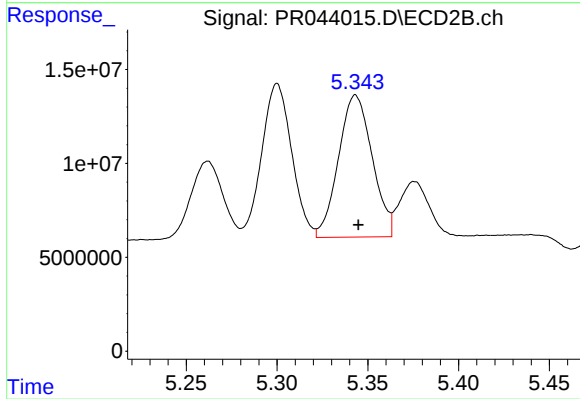
#13 AR-1232-3

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 50091724
Conc: 528.33 ng/ml



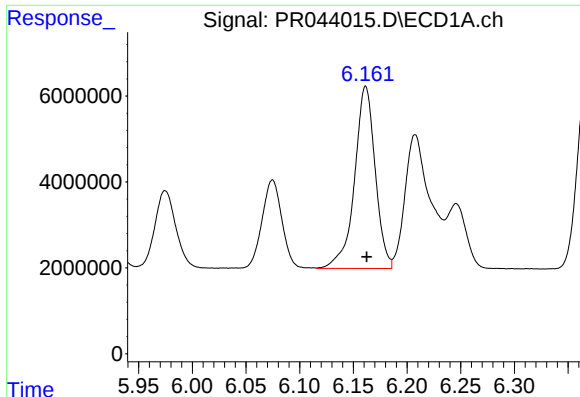
#14 AR-1232-4

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 26460504
Conc: 565.33 ng/ml



#14 AR-1232-4

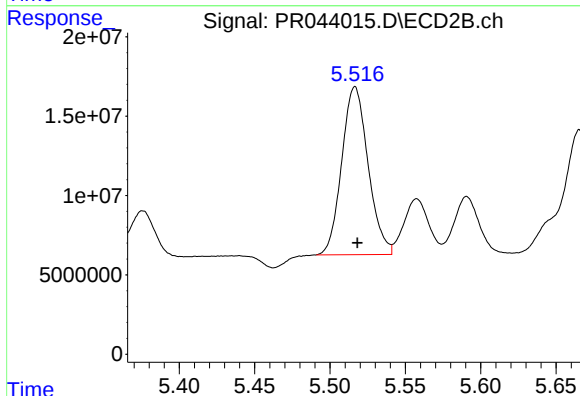
R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 97829567
Conc: 1129.80 ng/ml



#15 AR-1232-5

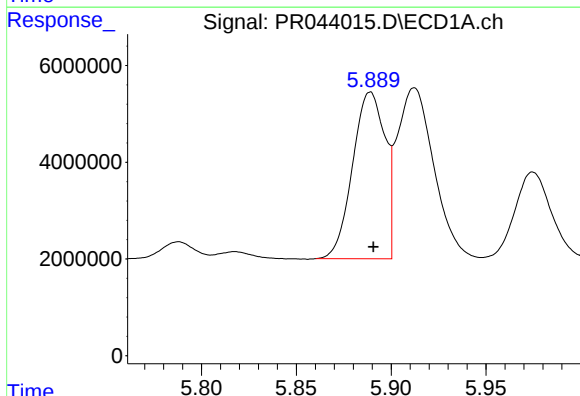
R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 56843580
Conc: 1660.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



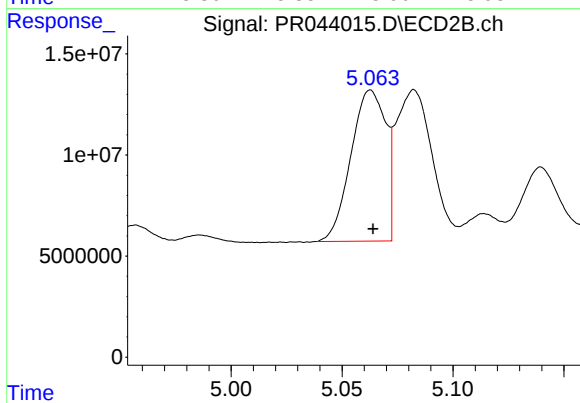
#15 AR-1232-5

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 128889668
Conc: 1310.76 ng/ml



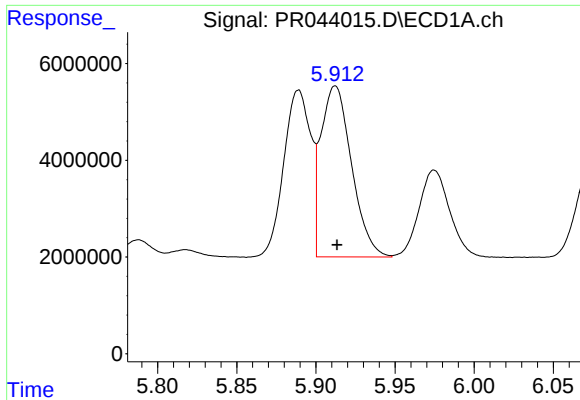
#16 AR-1242-1

R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 40920461
Conc: 323.42 ng/ml



#16 AR-1242-1

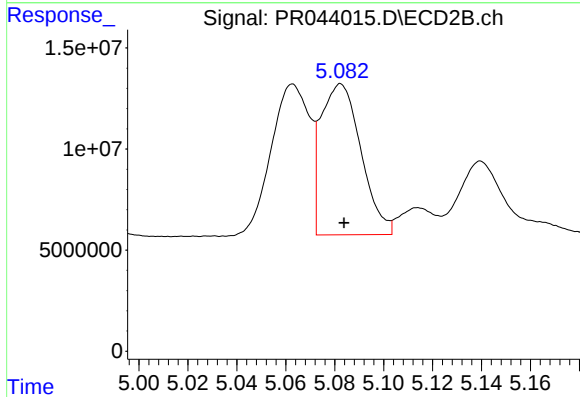
R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 81572412
Conc: 283.53 ng/ml



#17 AR-1242-2

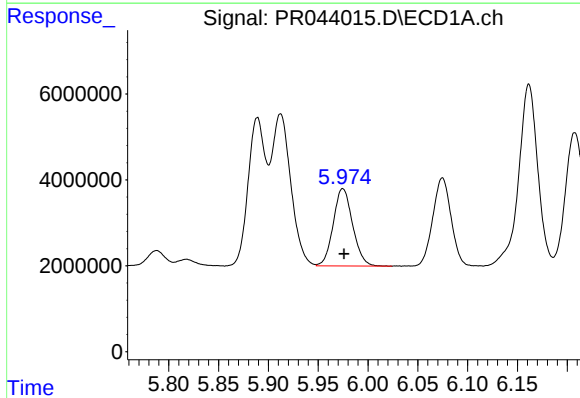
R.T.: 5.912 min
Delta R.T.: -0.001 min
Response: 47857474
Conc: 264.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



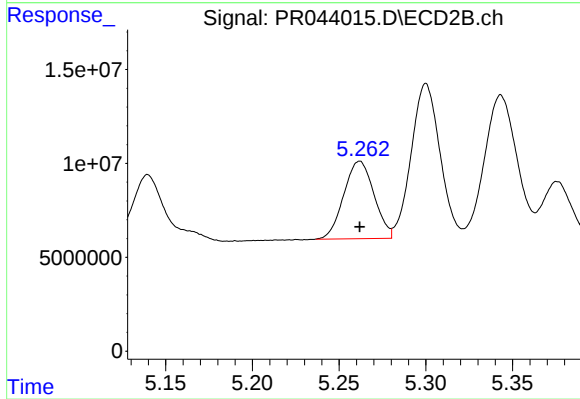
#17 AR-1242-2

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 84827277
Conc: 214.51 ng/ml



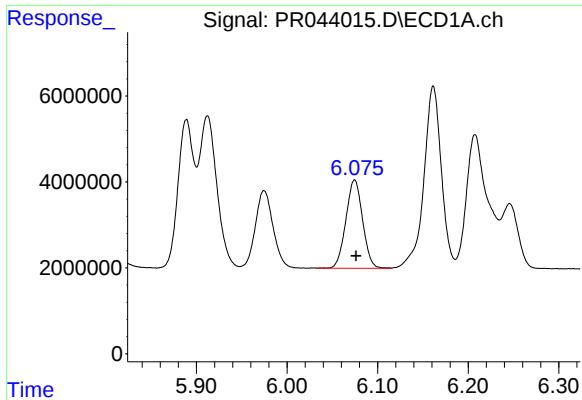
#18 AR-1242-3

R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 24368514
Conc: 224.45 ng/ml



#18 AR-1242-3

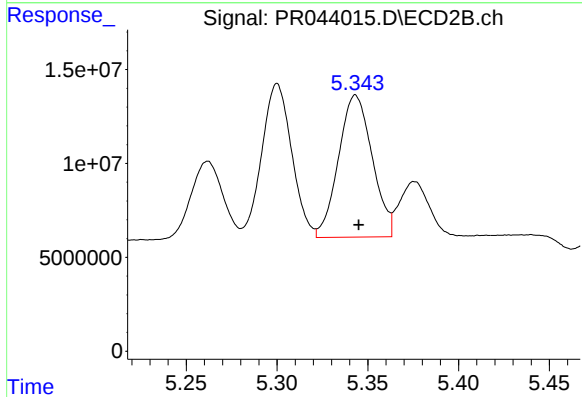
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 50091724
Conc: 263.56 ng/ml



#19 AR-1242-4

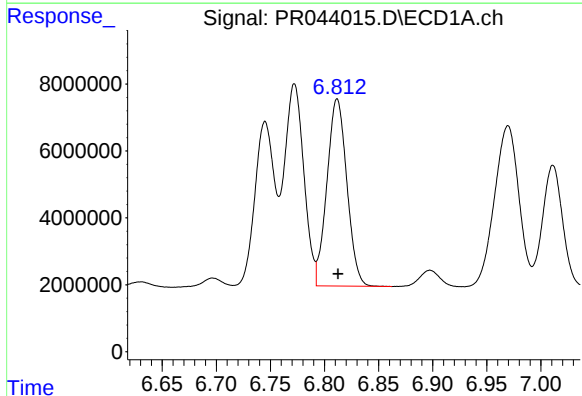
R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 26460504
Conc: 293.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



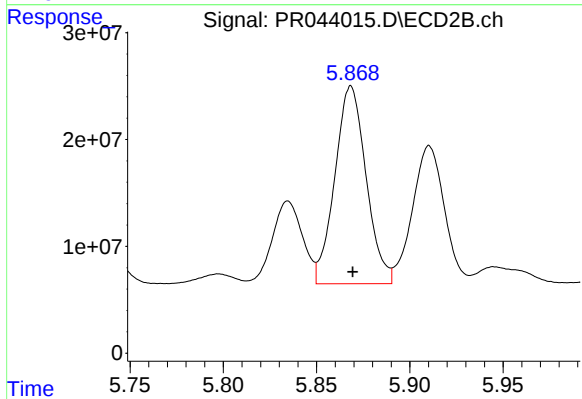
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 97829567
Conc: 535.09 ng/ml



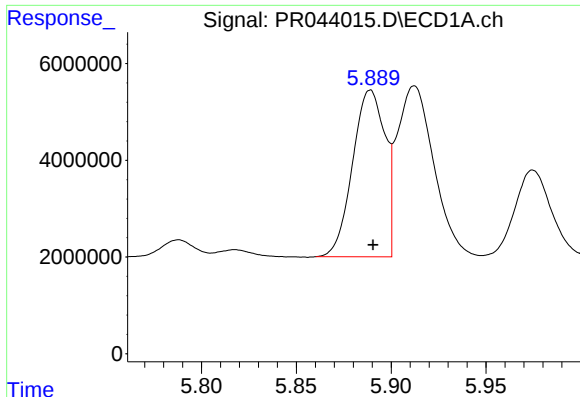
#20 AR-1242-5

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 71763751
Conc: 653.23 ng/ml



#20 AR-1242-5

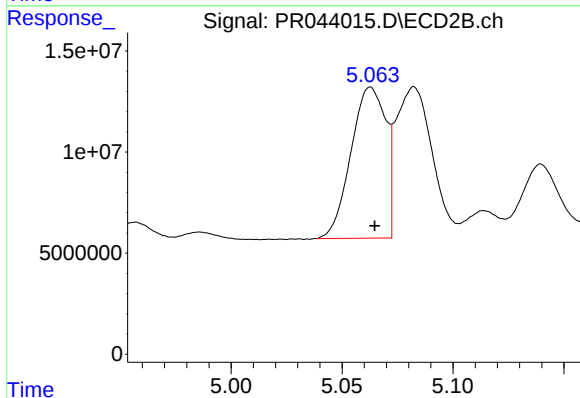
R.T.: 5.868 min
Delta R.T.: 0.000 min
Response: 216038102
Conc: 728.29 ng/ml



#21 AR-1248-1

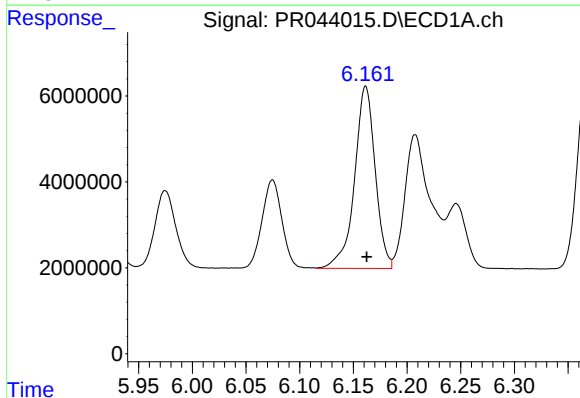
R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 40920461
Conc: 408.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



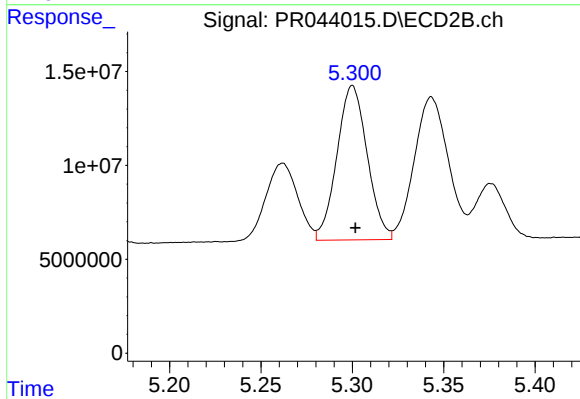
#21 AR-1248-1

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 81572412
Conc: 354.53 ng/ml



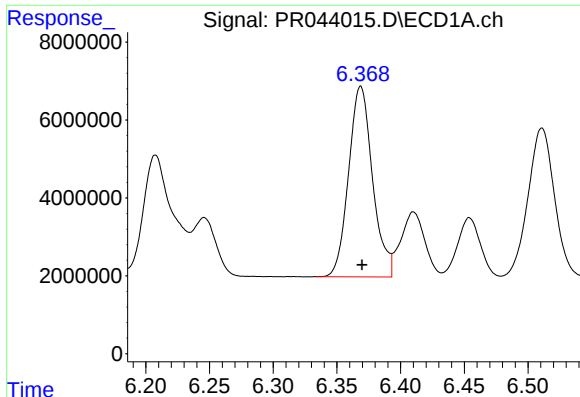
#22 AR-1248-2

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 56843580
Conc: 414.62 ng/ml



#22 AR-1248-2

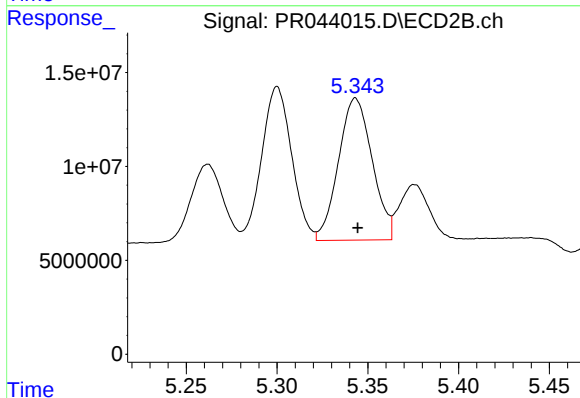
R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 94845014
Conc: 362.48 ng/ml



#23 AR-1248-3

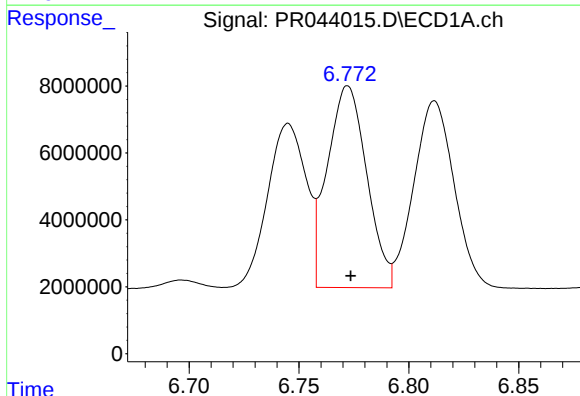
R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 63941967
Conc: 404.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



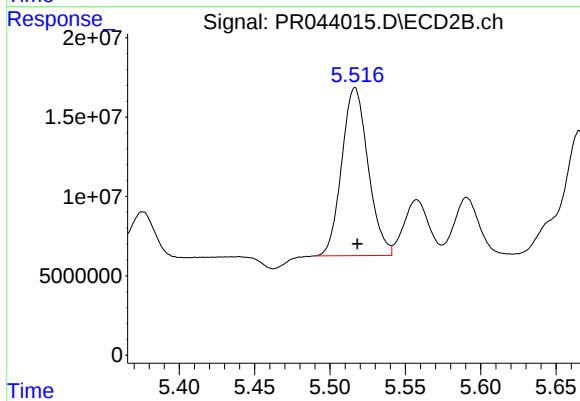
#23 AR-1248-3

R.T.: 5.343 min
Delta R.T.: -0.001 min
Response: 97829567
Conc: 369.52 ng/ml



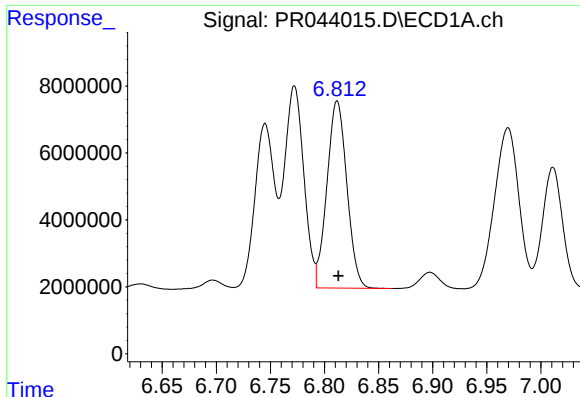
#24 AR-1248-4

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 75325327
Conc: 387.92 ng/ml



#24 AR-1248-4

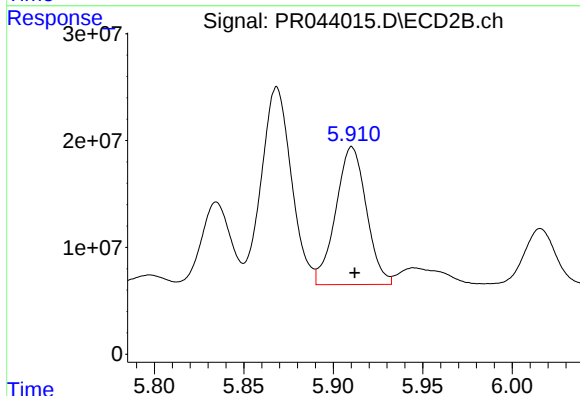
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 128889668
Conc: 387.32 ng/ml



#25 AR-1248-5

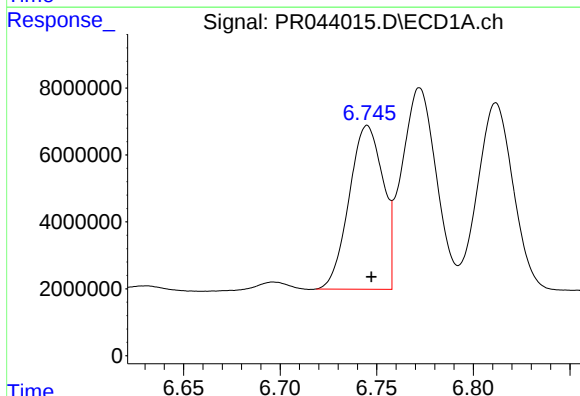
R.T.: 6.812 min
Delta R.T.: -0.001 min
Response: 71763751
Conc: 391.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



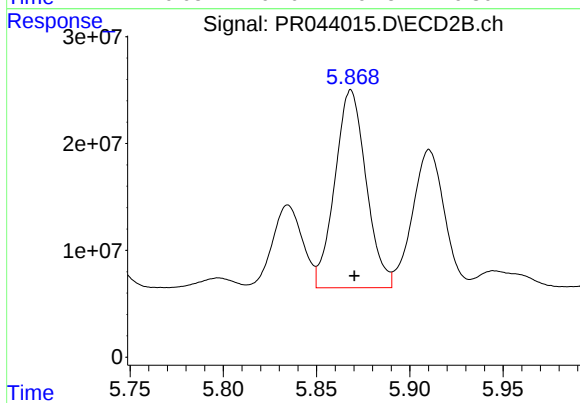
#25 AR-1248-5

R.T.: 5.910 min
Delta R.T.: -0.002 min
Response: 153578662
Conc: 375.69 ng/ml



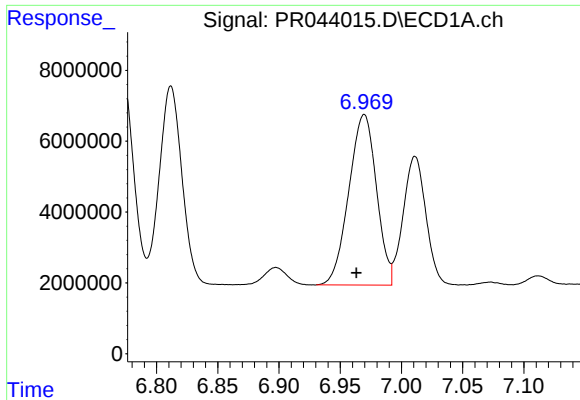
#26 AR-1254-1

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 59789989
Conc: 312.86 ng/ml



#26 AR-1254-1

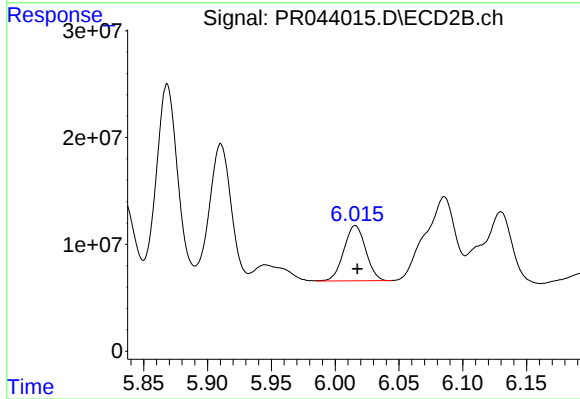
R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 216038102
Conc: 358.79 ng/ml



#27 AR-1254-2

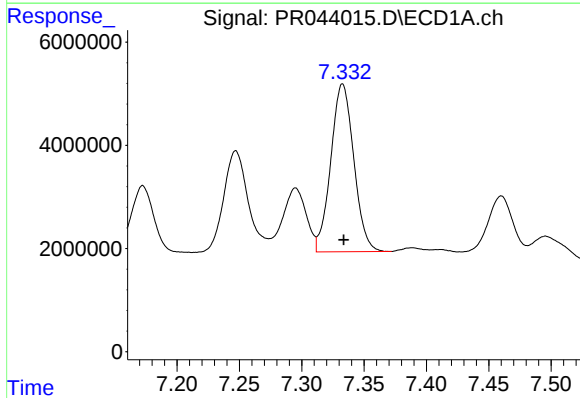
R.T.: 6.969 min
Delta R.T.: 0.006 min
Response: 75588646
Conc: 247.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



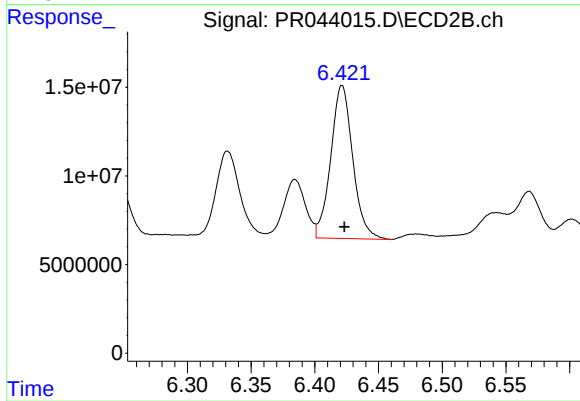
#27 AR-1254-2

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 61432838
Conc: 113.21 ng/ml



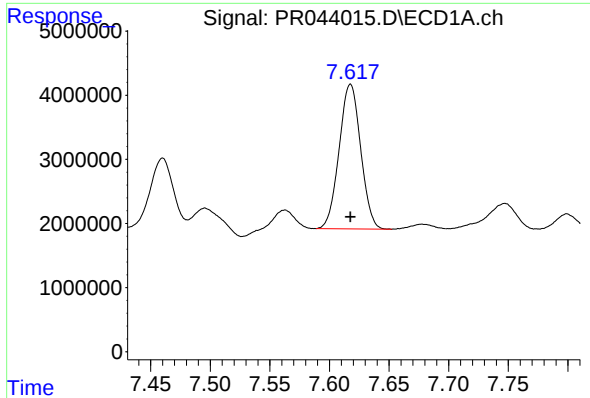
#28 AR-1254-3

R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 41828194
Conc: 121.29 ng/ml



#28 AR-1254-3

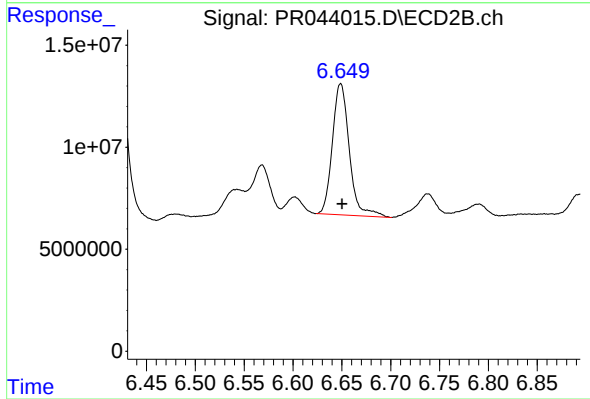
R.T.: 6.421 min
Delta R.T.: -0.002 min
Response: 103919057
Conc: 109.00 ng/ml



#29 AR-1254-4

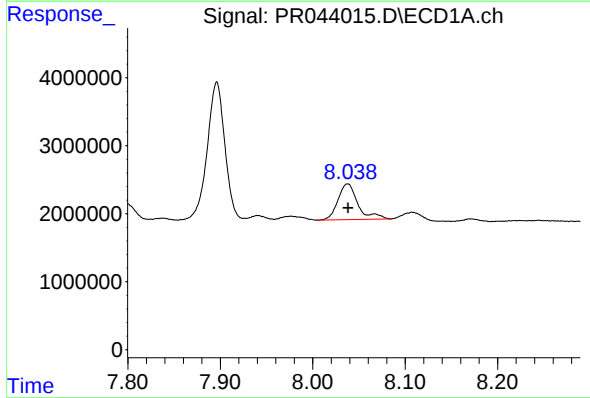
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 28387865
Conc: 108.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



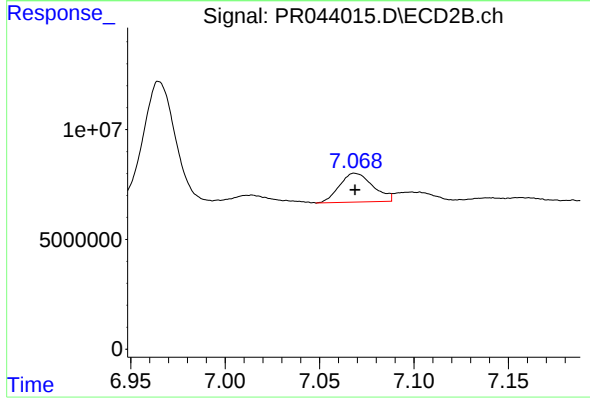
#29 AR-1254-4

R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 77604336
Conc: 117.00 ng/ml



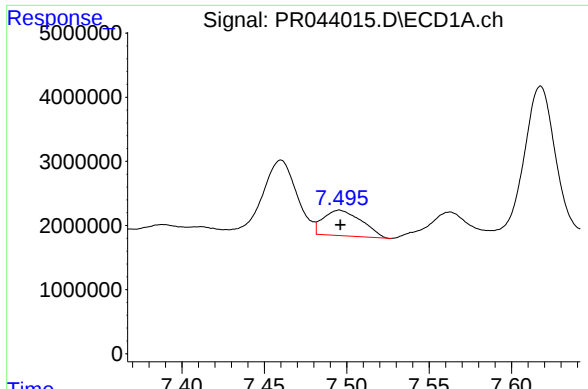
#30 AR-1254-5

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 7863237
Conc: 27.75 ng/ml



#30 AR-1254-5

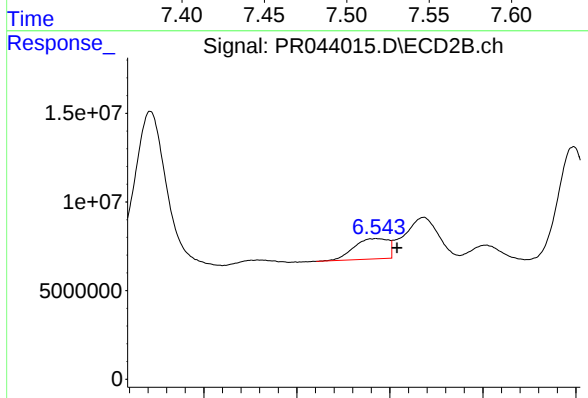
R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 16173255
Conc: 18.59 ng/ml



#31 AR-1260-1

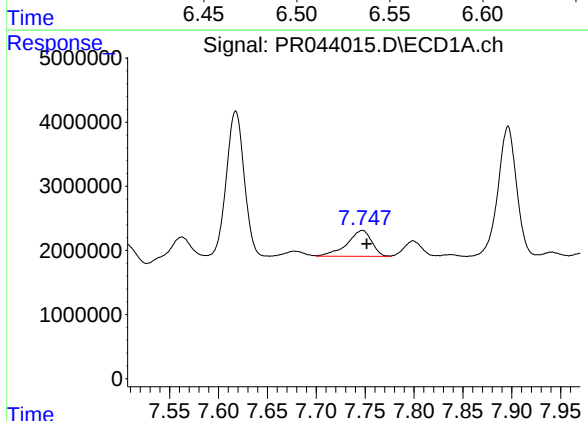
R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 6411286
Conc: 27.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



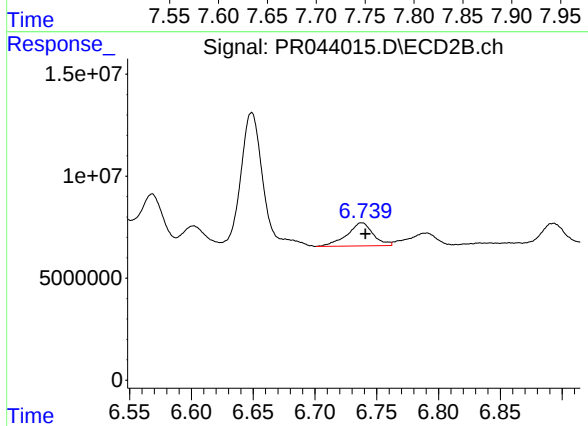
#31 AR-1260-1

R.T.: 6.543 min
Delta R.T.: -0.011 min
Response: 14716329
Conc: 26.93 ng/ml



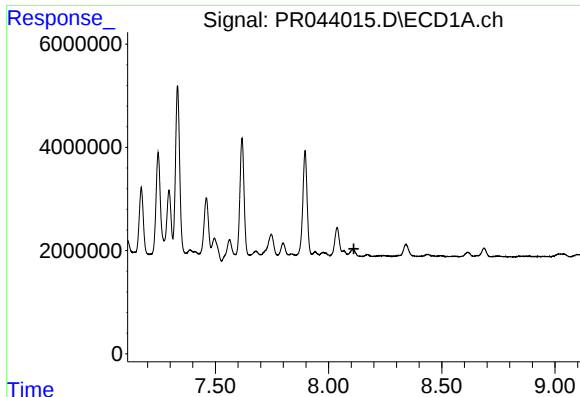
#32 AR-1260-2

R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 7109710
Conc: 24.92 ng/ml



#32 AR-1260-2

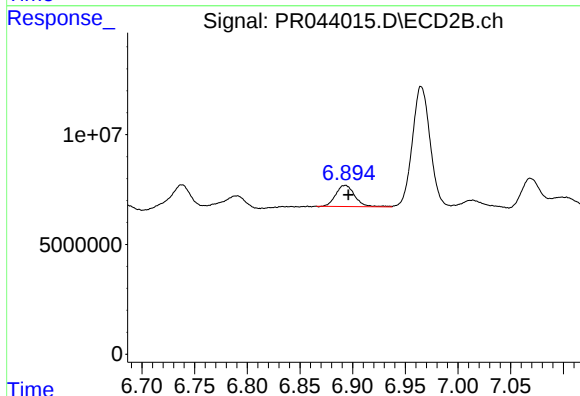
R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 16737795
Conc: 20.86 ng/ml



#33 AR-1260-3

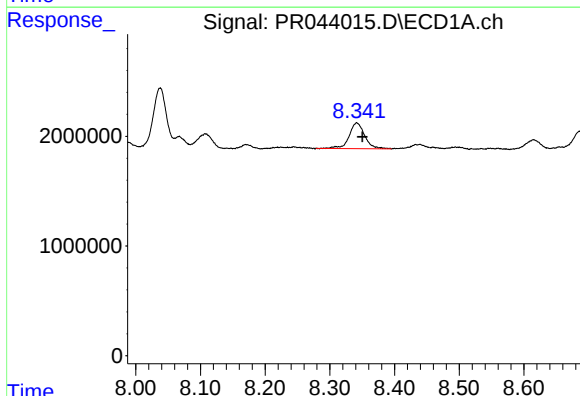
R.T.: 0.000 min
Exp R.T.: 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



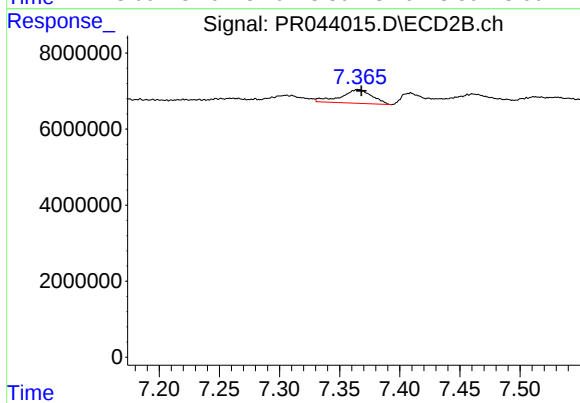
#33 AR-1260-3

R.T.: 6.893 min
Delta R.T.: -0.003 min
Response: 12095456
Conc: 18.11 ng/ml



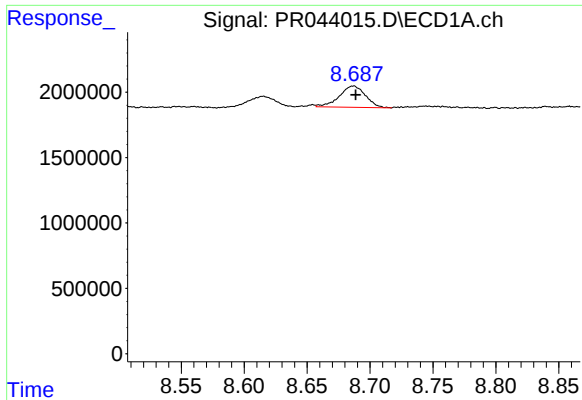
#34 AR-1260-4

R.T.: 8.342 min
Delta R.T.: -0.008 min
Response: 3922795
Conc: 15.15 ng/ml



#34 AR-1260-4

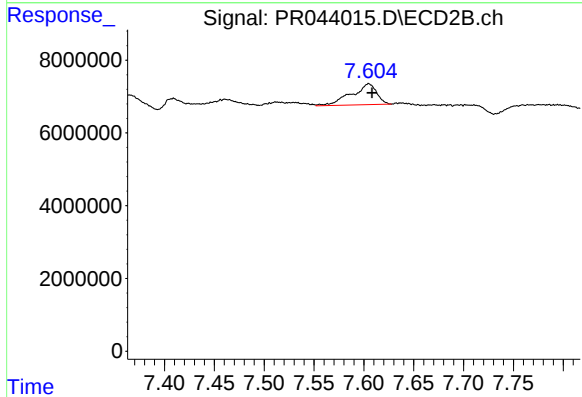
R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 6482348
Conc: 11.55 ng/ml



#35 AR-1260-5

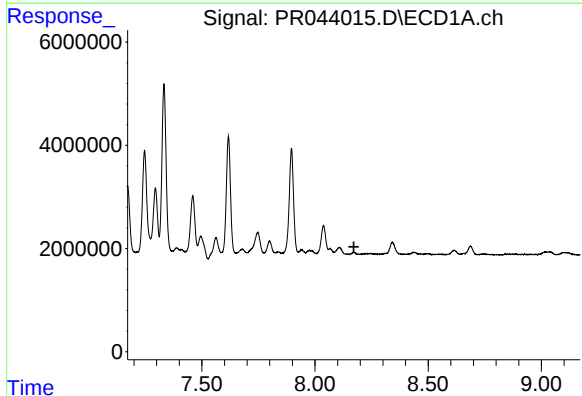
R.T.: 8.687 min
Delta R.T.: -0.002 min
Response: 2354640
Conc: 4.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



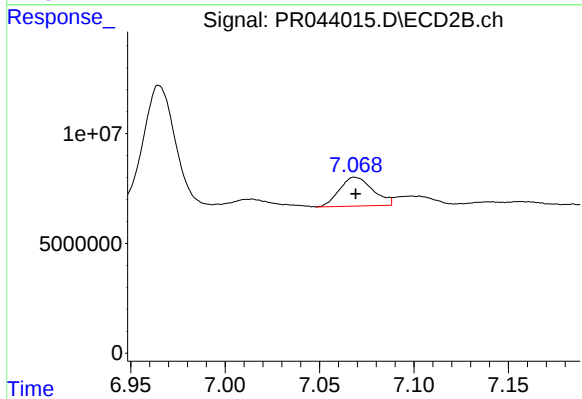
#35 AR-1260-5

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 10060264
Conc: 5.98 ng/ml



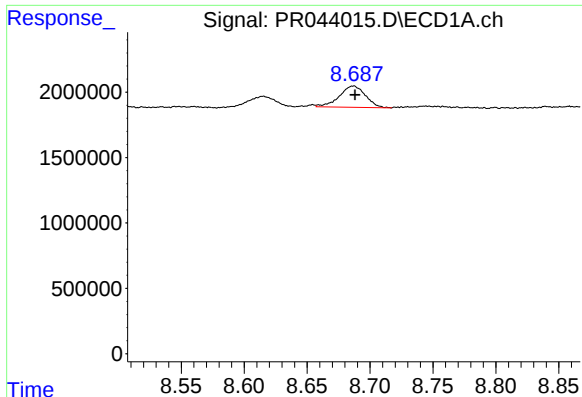
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.172 min
Response: 0
Conc: N.D.



#36 AR-1262-1

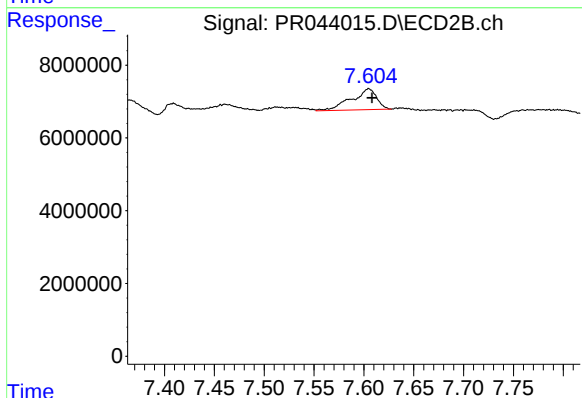
R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 16173255
Conc: 32.69 ng/ml



#37 AR-1262-2

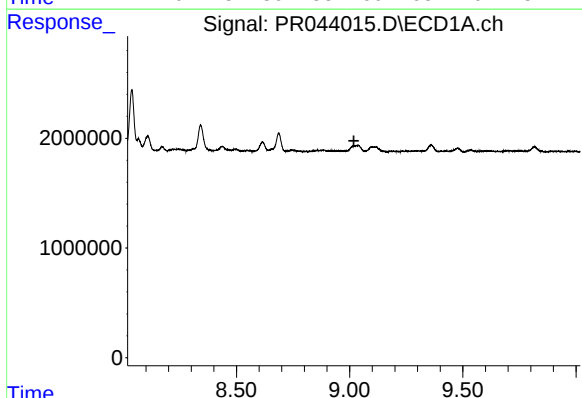
R.T.: 8.687 min
Delta R.T.: -0.001 min
Response: 2354640
Conc: 3.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



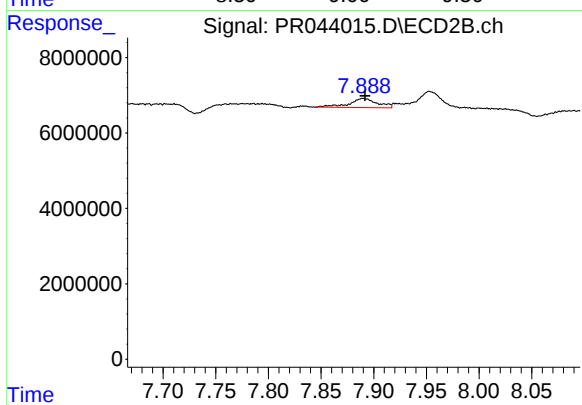
#37 AR-1262-2

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 10060264
Conc: 4.63 ng/ml



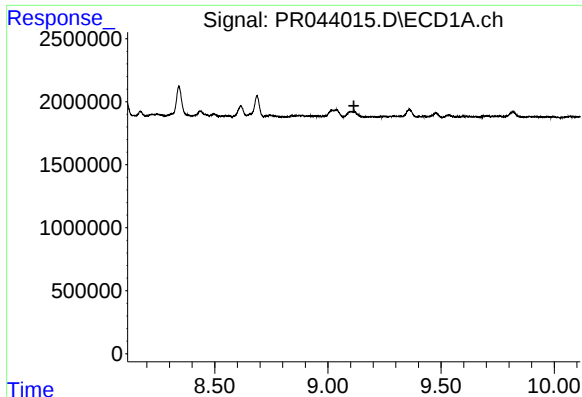
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.019 min
Response: 0
Conc: N.D.



#38 AR-1262-3

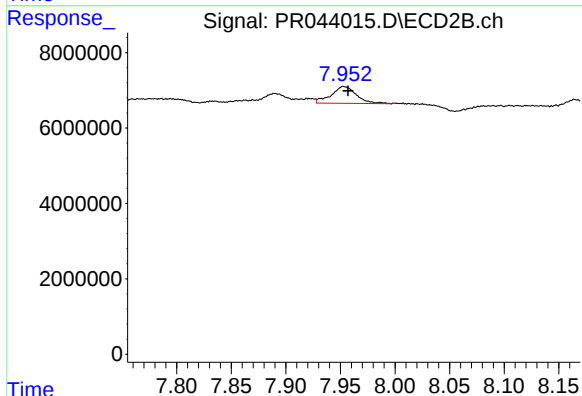
R.T.: 7.890 min
Delta R.T.: -0.002 min
Response: 4528747
Conc: 5.24 ng/ml



#39 AR-1262-4

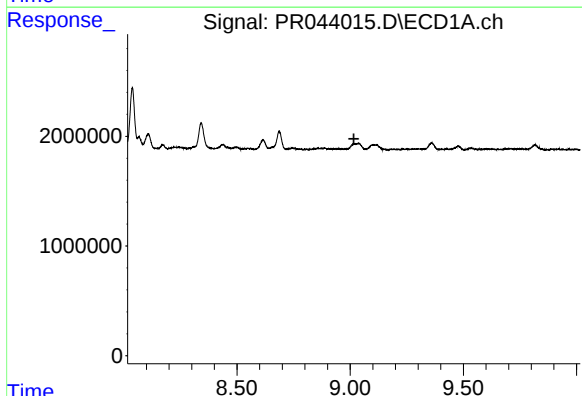
R.T.: 0.000 min
Exp R.T.: 9.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



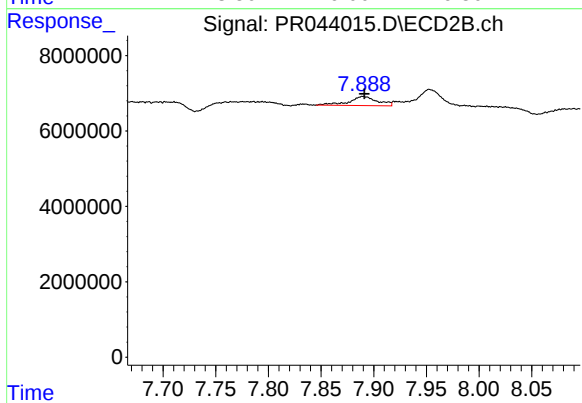
#39 AR-1262-4

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 7125139
Conc: 5.01 ng/ml



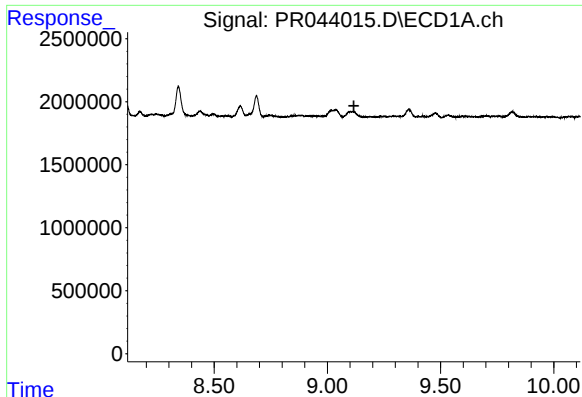
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.017 min
Response: 0
Conc: N.D.



#41 AR-1268-1

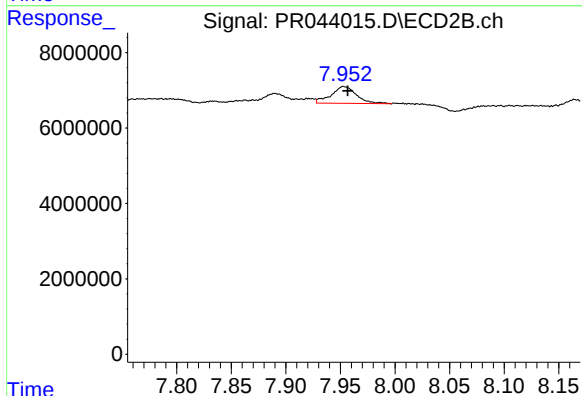
R.T.: 7.890 min
Delta R.T.: -0.001 min
Response: 4528747
Conc: 1.85 ng/ml



#42 AR-1268-2

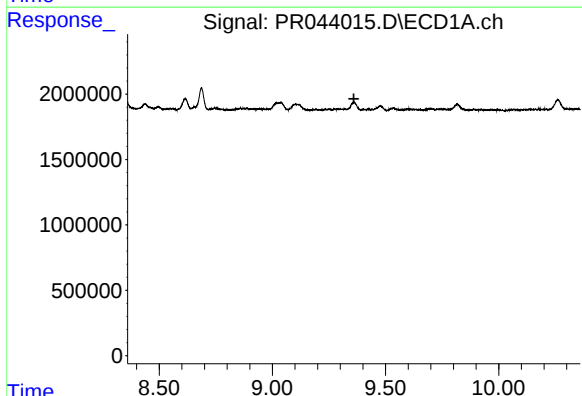
R.T.: 0.000 min
Exp R.T.: 9.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



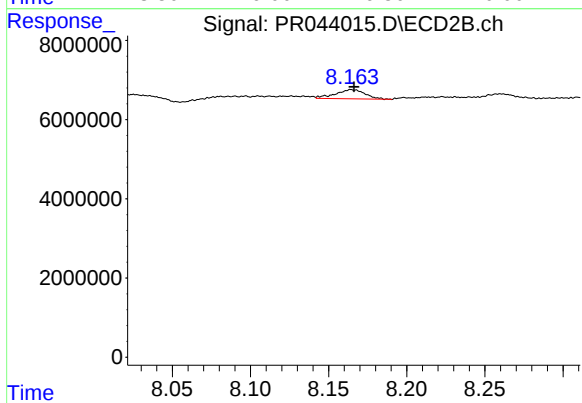
#42 AR-1268-2

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 7125139
Conc: 3.41 ng/ml



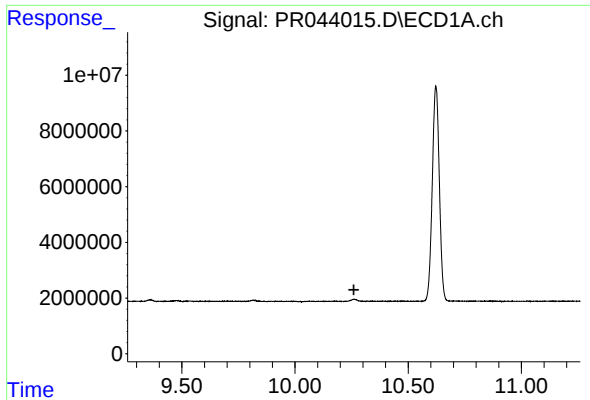
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.360 min
Response: 0
Conc: N.D.



#43 AR-1268-3

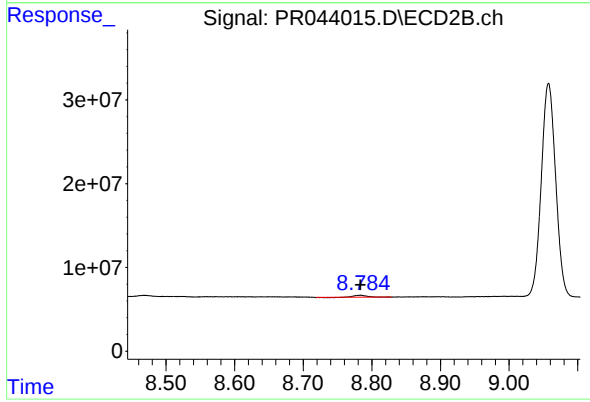
R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 3071754
Conc: 1.71 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 3082236
Conc: 0.63 ng/ml