

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062520\
 Data File : PR046019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2020 16:19
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 17:23:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR062320CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 23 06:21:10 2020
 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...	4.766	3.989	36944364	276.3E6	21.790	24.048
2)	SA Decachlor...	10.777	9.120	48281677	387.4E6	36.671	38.849
Target Compounds							
3)	L1 AR-1016-1	5.957	5.089	19655109	156.7E6	360.834	364.571
4)	L1 AR-1016-2	5.980	5.109	27686319	211.0E6	333.723	420.546 #
5)	L1 AR-1016-3	6.043	5.288	16686625	111.2E6	333.665	446.160 #
6)	L1 AR-1016-4	6.145	5.328	13787743	82348163	331.999	386.560
7)	L1 AR-1016-5	6.440	5.545	13552493	117.8E6	344.287	380.373
8)	L2 AR-1221-1	4.976	4.200	2027468	14396533	105.303	106.297
9)	L2 AR-1221-2	5.069	4.290	2700060	20338888	206.413	195.982
10)	L2 AR-1221-3	5.149	4.367	10613839	80734526	234.827	245.669
11)	L3 AR-1232-1	5.149	4.367	10613839	80734526	303.403	328.996
12)	L3 AR-1232-2	5.686	5.109	14026830	211.0E6	771.209	820.323
13)	L3 AR-1232-3	5.980	5.288	27686319	111.2E6	778.373	980.866 #
14)	L3 AR-1232-4	6.145	5.371	13787743	106.8E6	751.002	860.856
15)	L3 AR-1232-5	6.230	5.545	11531872	117.8E6	845.152	898.961
16)	L4 AR-1242-1	5.957	5.089	19655109	156.7E6	422.022	448.944
17)	L4 AR-1242-2	5.980	5.109	27686319	211.0E6	424.221	446.551
18)	L4 AR-1242-3	6.043	5.288	16686625	111.2E6	415.683	511.747
19)	L4 AR-1242-4	6.145	5.371	13787743	106.8E6	417.821	442.563
20)	L4 AR-1242-5	6.887	5.899	14352909	134.9E6	407.097	426.333
21)	L5 AR-1248-1	5.957	5.089	19655109	156.7E6	535.330	566.001
22)	L5 AR-1248-2	6.230	5.328	11531872	82348163	234.174	252.295
23)	L5 AR-1248-3	6.440	5.371	13552493	106.8E6	249.306	300.926
24)	L5 AR-1248-4	6.848	5.545	13919610	117.8E6	223.772	267.633
25)	L5 AR-1248-5	6.887	5.942	14352909	113.6E6	243.667	260.415
26)	L6 AR-1254-1	6.819	5.899	10379380	134.9E6	164.078	196.222
27)	L6 AR-1254-2	7.048	6.047	12183307	29862760	123.674	50.181 #
28)	L6 AR-1254-3	7.410	6.456	4595815	44995576	43.381	45.625
29)	L6 AR-1254-4	7.698	6.685	3695497	34266320	46.113	53.841
30)	L6 AR-1254-5	8.119	7.106	942035	12401834	10.999	14.685 #
31)	L7 AR-1260-1	7.570	6.604	276998	15685310	3.854	28.034 #
32)	L7 AR-1260-2	7.823	6.774	962213	5171074	11.114	7.615 #
33)	L7 AR-1260-3	8.150f	6.930	142059	3898373	2.159	6.252 #
34)	L7 AR-1260-4	8.431	7.403	464246	272751	5.999	0.515 #
35)	L7 AR-1260-5	0.000	7.624	0	3385822	N.D.	2.524 #
36)	L8 AR-1262-1	0.000	7.106	0	12401834	N.D.	27.302 #
37)	L8 AR-1262-2	8.715f	7.624	253075	3385822	1.339	2.047 #
38)	L8 AR-1262-3	0.000	7.931	0	961779	N.D.	1.465 #
39)	L8 AR-1262-4	0.000	7.995	0	2914855	N.D.	2.388 #
40)	L8 AR-1262-5	0.000	8.500	0	2463336	N.D.	4.106 #
41)	L9 AR-1268-1	0.000	7.931	0	961779	N.D.	0.500 #

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 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.995	0	2914855	N.D.	1.598 #
43) L9	AR-1268-3	9.468	8.213	215827	2035597	1.265	1.347
44) L9	AR-1268-4	0.000	8.500	0	2463336	N.D.	3.677 #
45) L9	AR-1268-5	10.404	8.837	331279	2783939	0.571	0.576

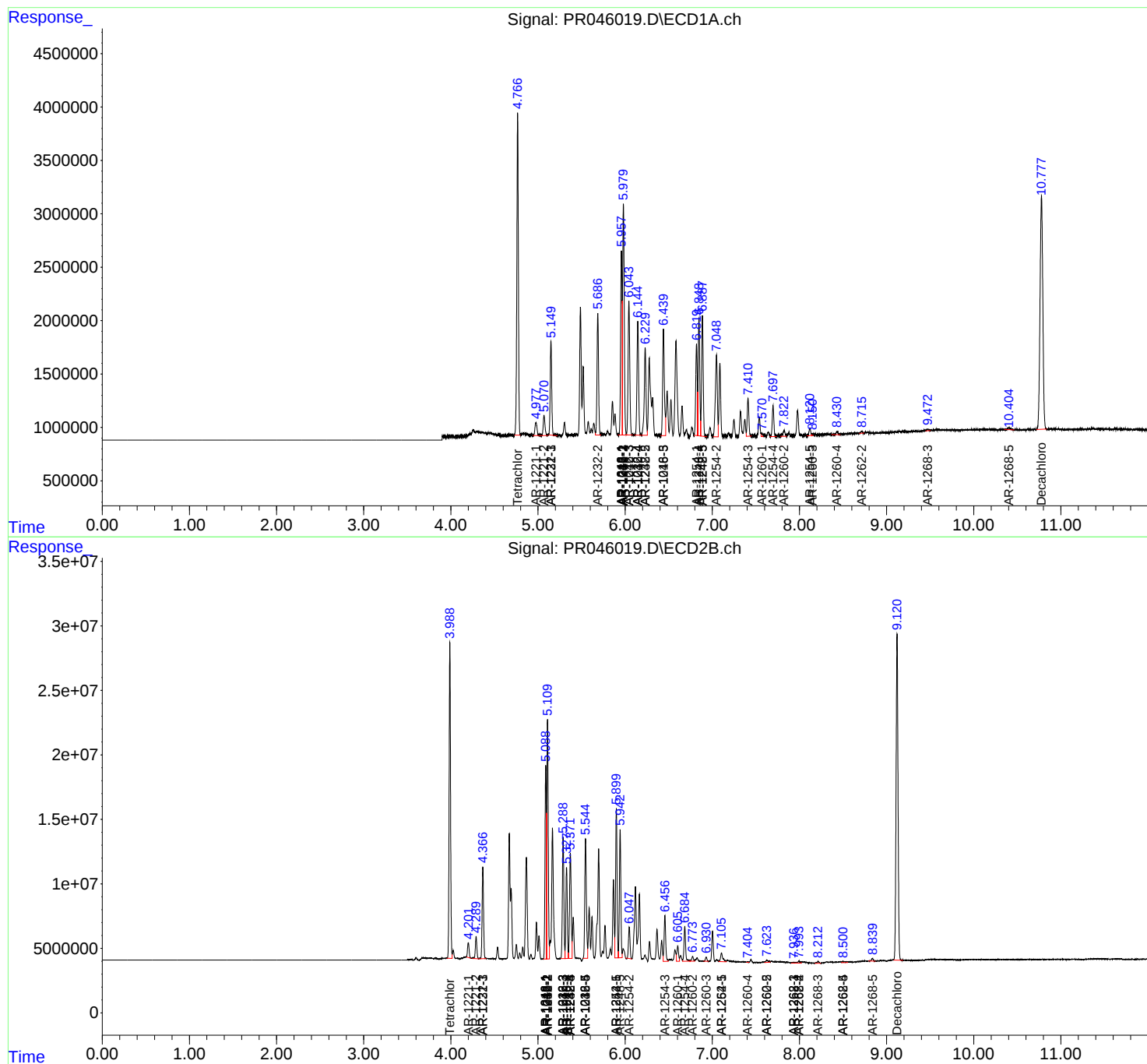
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

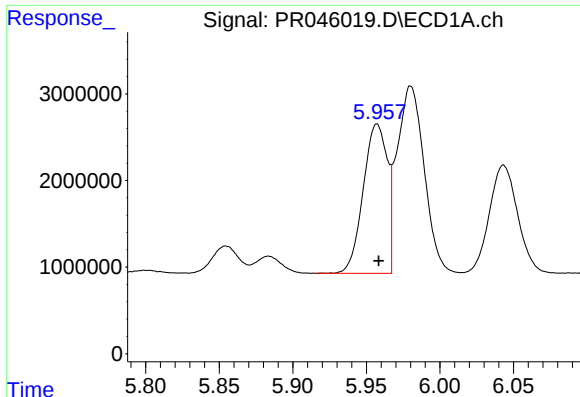
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR062520\
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

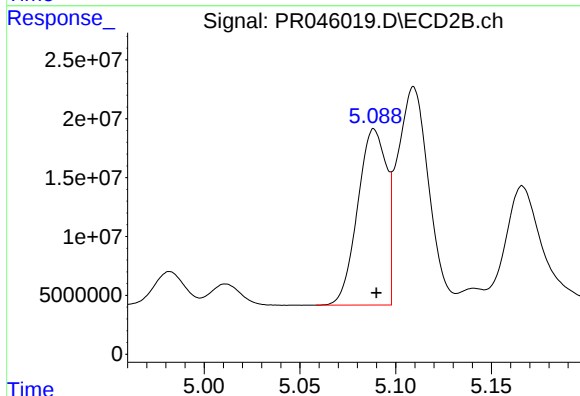




#3 AR-1016-1

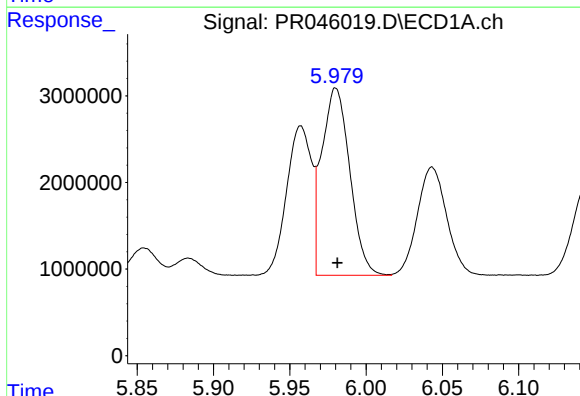
R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 19655109
Conc: 360.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



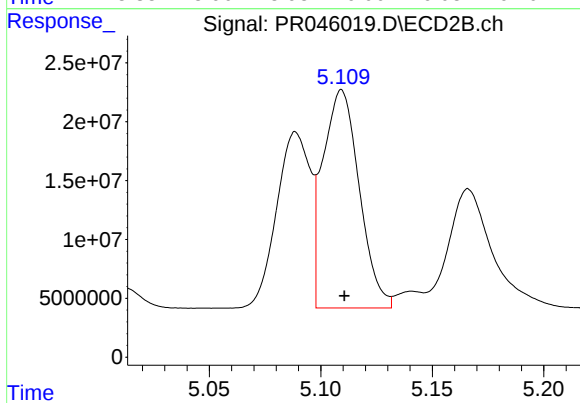
#3 AR-1016-1

R.T.: 5.089 min
Delta R.T.: -0.001 min
Response: 156666905
Conc: 364.57 ng/ml



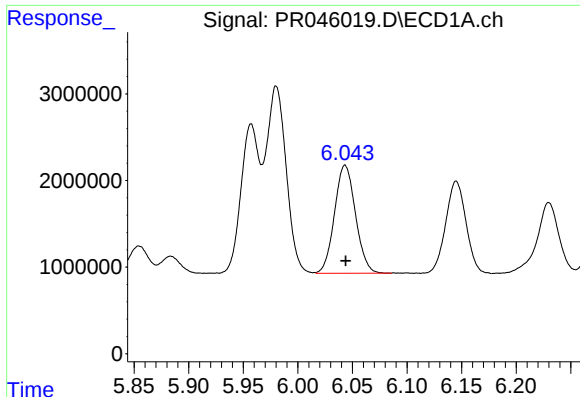
#4 AR-1016-2

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 27686319
Conc: 333.72 ng/ml



#4 AR-1016-2

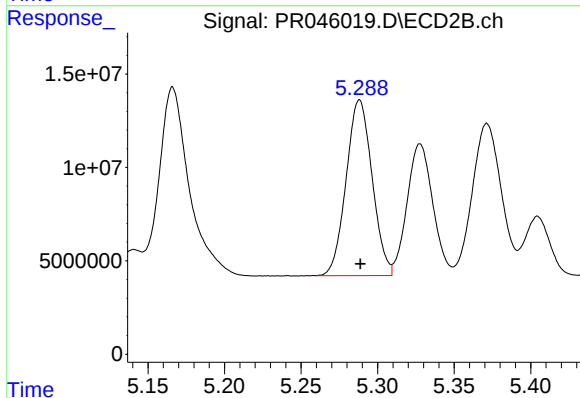
R.T.: 5.109 min
Delta R.T.: -0.001 min
Response: 210987037
Conc: 420.55 ng/ml



#5 AR-1016-3

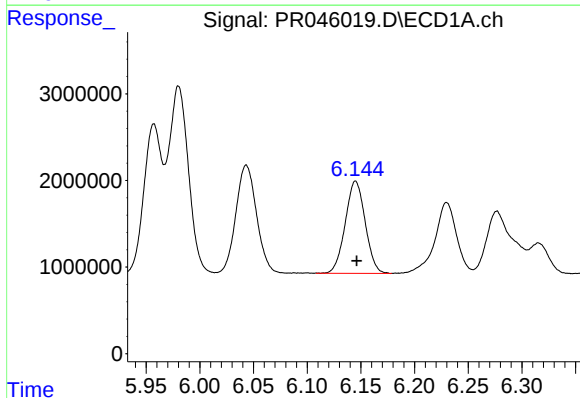
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 16686625
Conc: 333.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



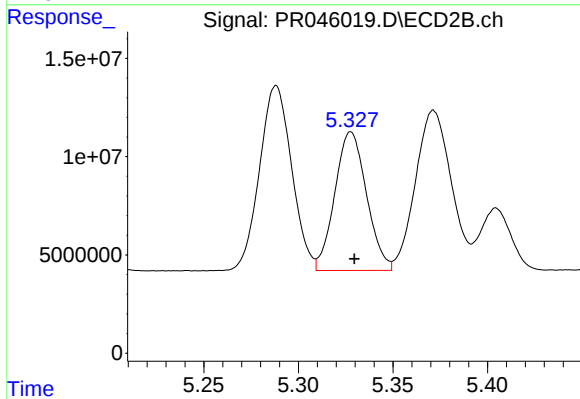
#5 AR-1016-3

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 111151690
Conc: 446.16 ng/ml



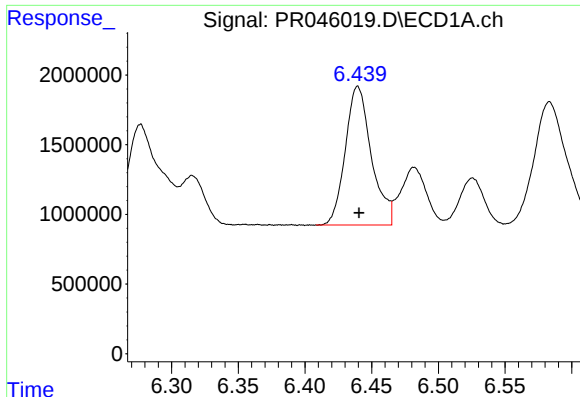
#6 AR-1016-4

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 13787743
Conc: 332.00 ng/ml



#6 AR-1016-4

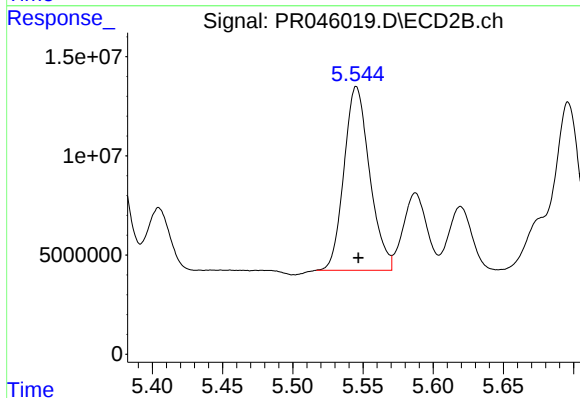
R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 82348163
Conc: 386.56 ng/ml



#7 AR-1016-5

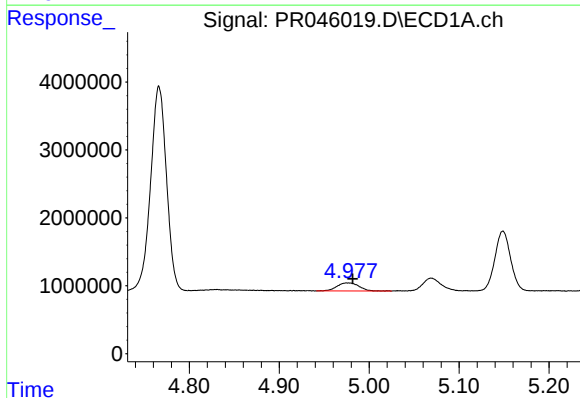
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 13552493
Conc: 344.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



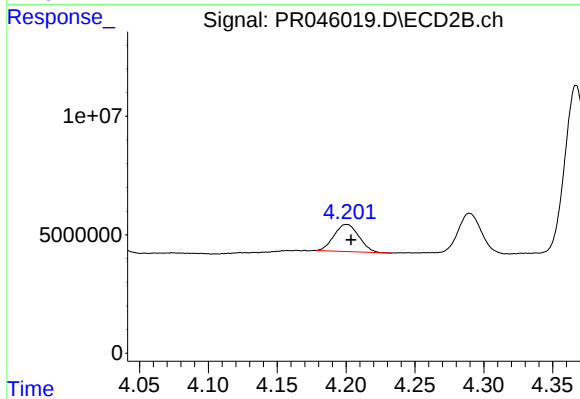
#7 AR-1016-5

R.T.: 5.545 min
Delta R.T.: -0.001 min
Response: 117822759
Conc: 380.37 ng/ml



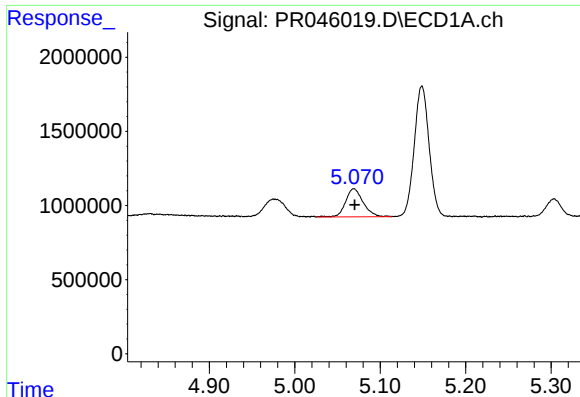
#8 AR-1221-1

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 2027468
Conc: 105.30 ng/ml



#8 AR-1221-1

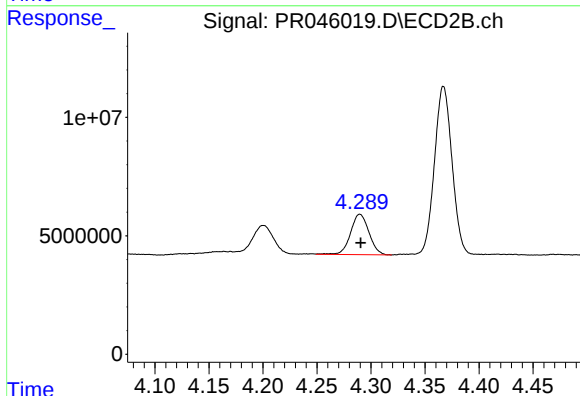
R.T.: 4.200 min
Delta R.T.: -0.003 min
Response: 14396533
Conc: 106.30 ng/ml



#9 AR-1221-2

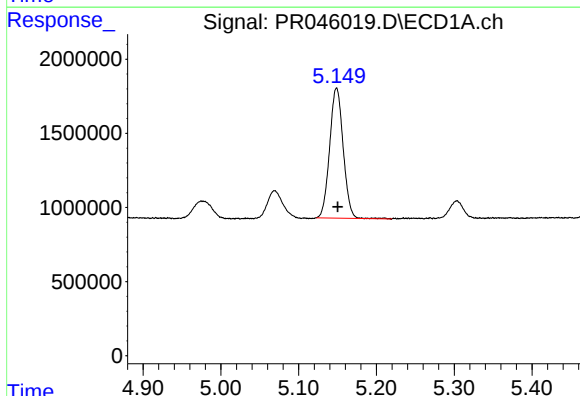
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 2700060
Conc: 206.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



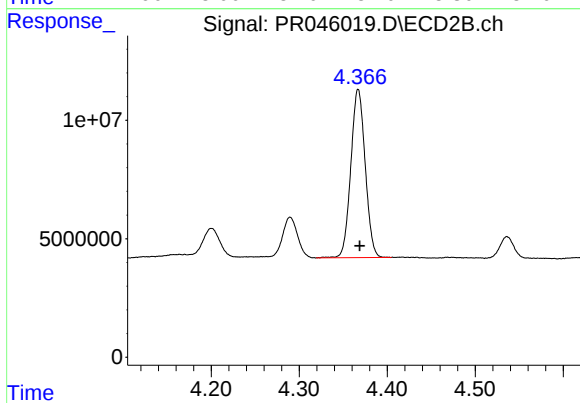
#9 AR-1221-2

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 20338888
Conc: 195.98 ng/ml



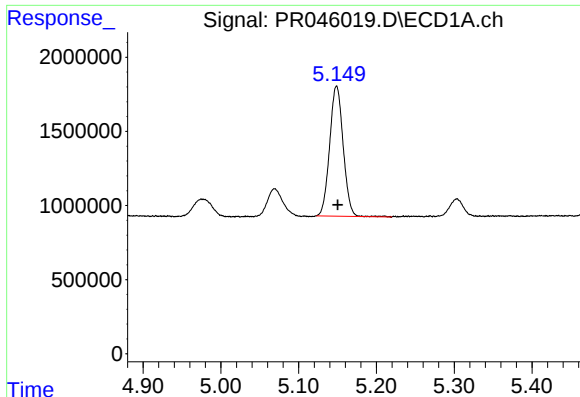
#10 AR-1221-3

R.T.: 5.149 min
Delta R.T.: -0.001 min
Response: 10613839
Conc: 234.83 ng/ml



#10 AR-1221-3

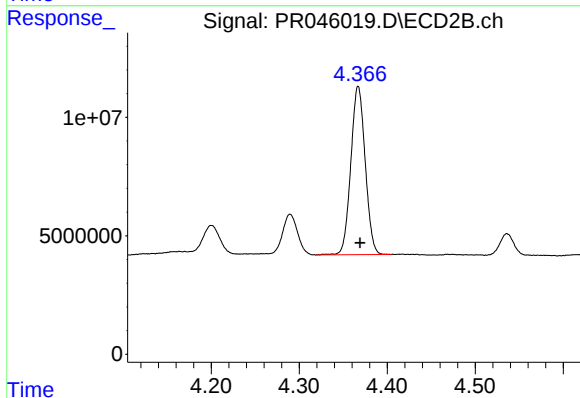
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 80734526
Conc: 245.67 ng/ml



#11 AR-1232-1

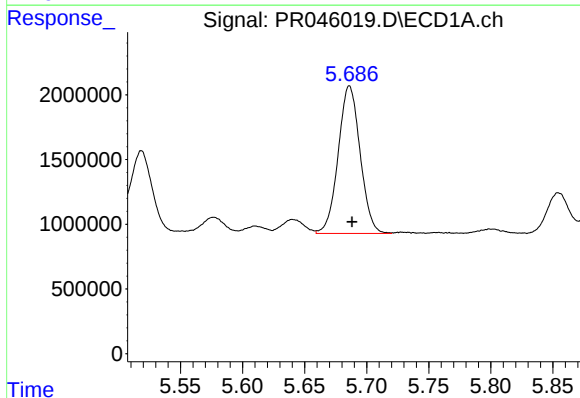
R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 10613839
Conc: 303.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



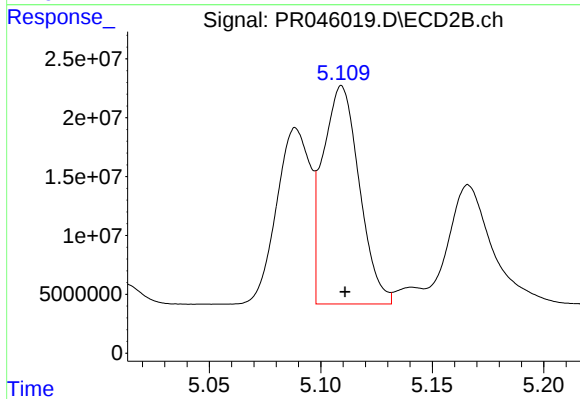
#11 AR-1232-1

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 80734526
Conc: 329.00 ng/ml



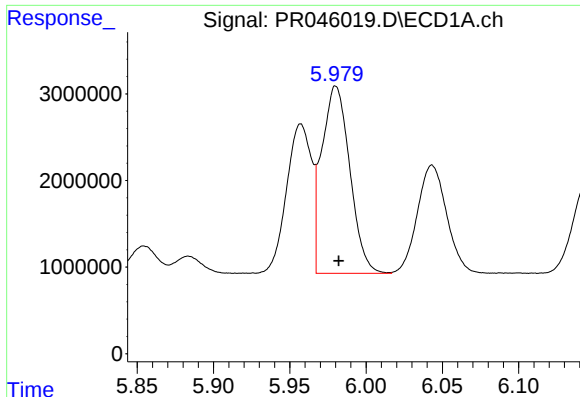
#12 AR-1232-2

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 14026830
Conc: 771.21 ng/ml



#12 AR-1232-2

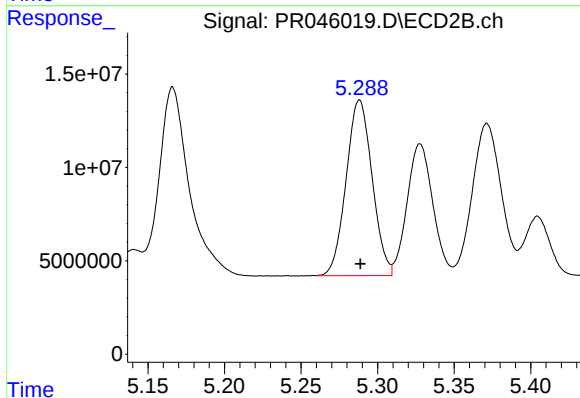
R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 210987037
Conc: 820.32 ng/ml



#13 AR-1232-3

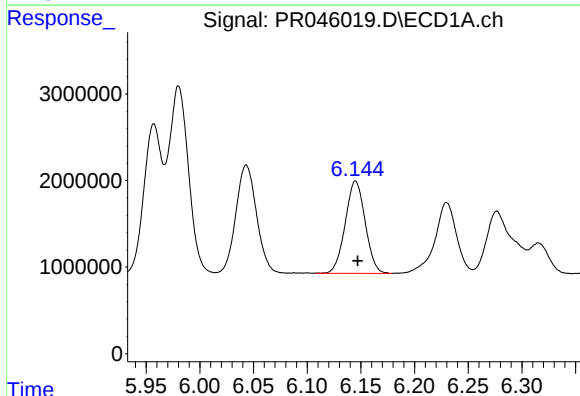
R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 27686319
Conc: 778.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



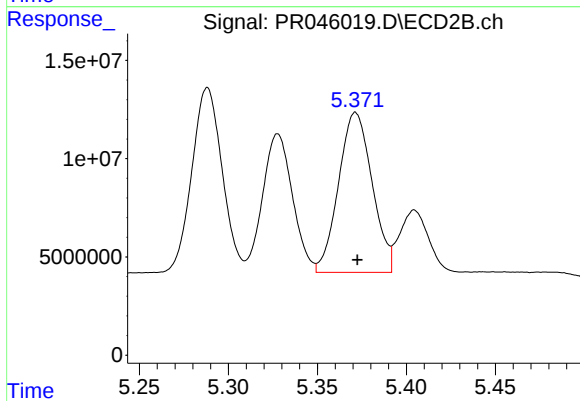
#13 AR-1232-3

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 111151690
Conc: 980.87 ng/ml



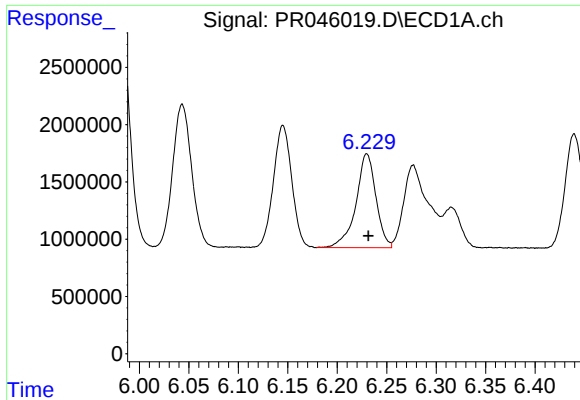
#14 AR-1232-4

R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 13787743
Conc: 751.00 ng/ml



#14 AR-1232-4

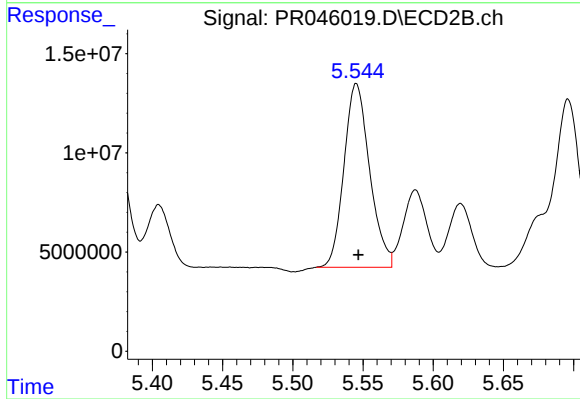
R.T.: 5.371 min
Delta R.T.: -0.001 min
Response: 106771287
Conc: 860.86 ng/ml



#15 AR-1232-5

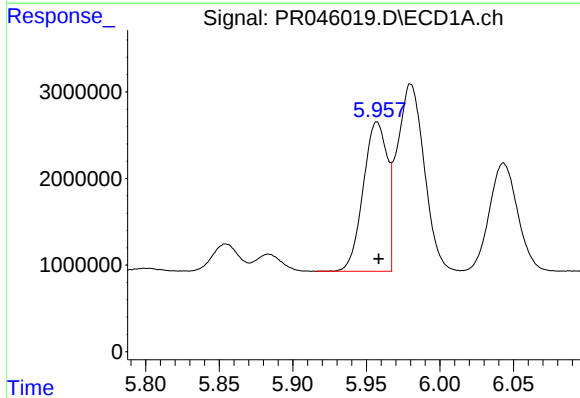
R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 11531872
Conc: 845.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



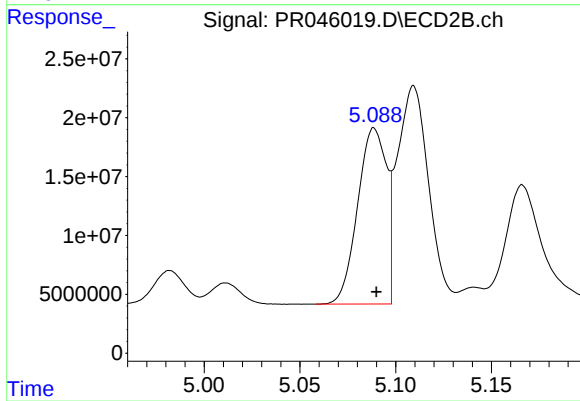
#15 AR-1232-5

R.T.: 5.545 min
Delta R.T.: -0.002 min
Response: 117822759
Conc: 898.96 ng/ml



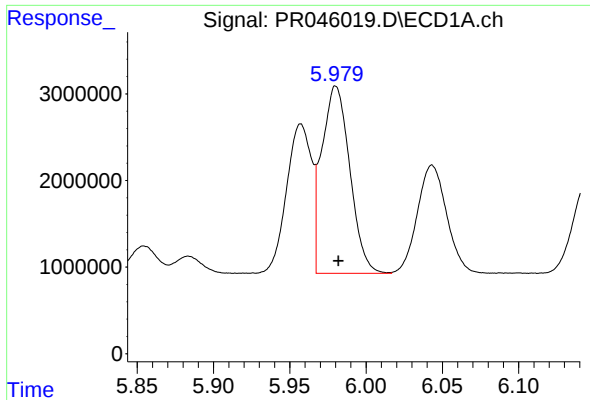
#16 AR-1242-1

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 19655109
Conc: 422.02 ng/ml



#16 AR-1242-1

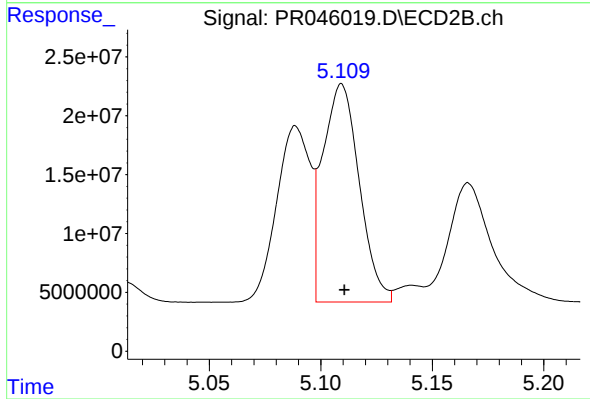
R.T.: 5.089 min
Delta R.T.: -0.001 min
Response: 156666905
Conc: 448.94 ng/ml



#17 AR-1242-2

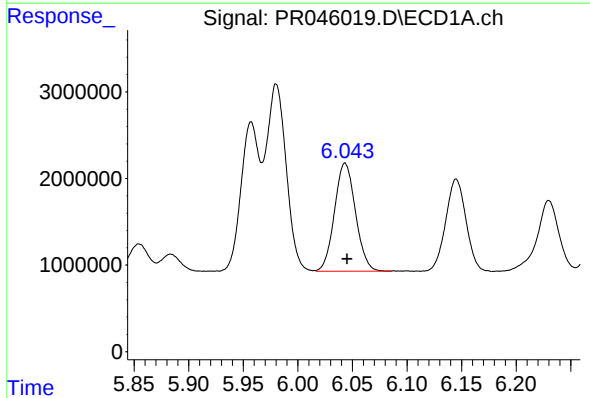
R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 27686319
Conc: 424.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



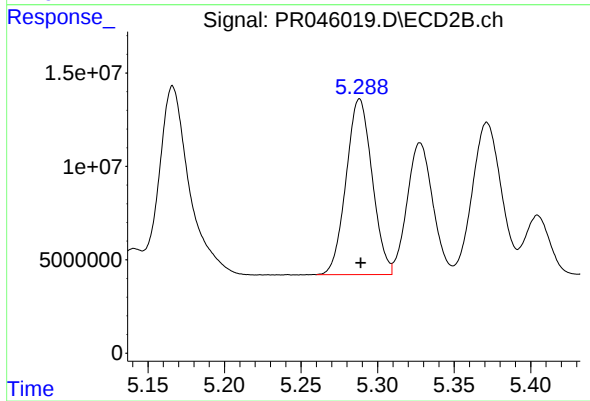
#17 AR-1242-2

R.T.: 5.109 min
Delta R.T.: -0.001 min
Response: 210987037
Conc: 446.55 ng/ml



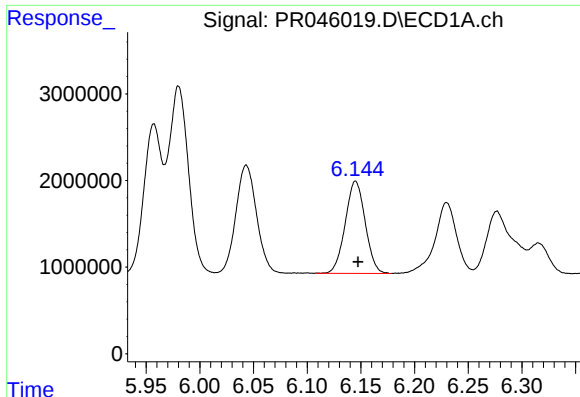
#18 AR-1242-3

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 16686625
Conc: 415.68 ng/ml



#18 AR-1242-3

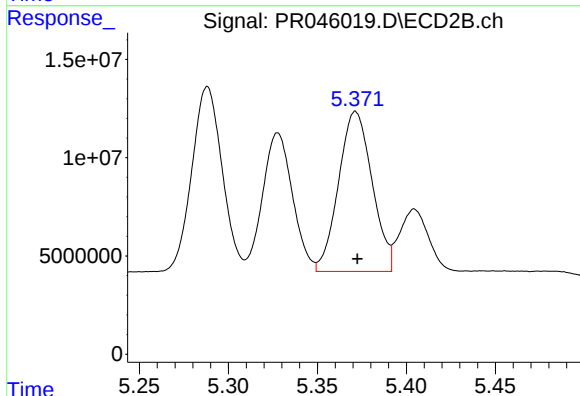
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 111151690
Conc: 511.75 ng/ml



#19 AR-1242-4

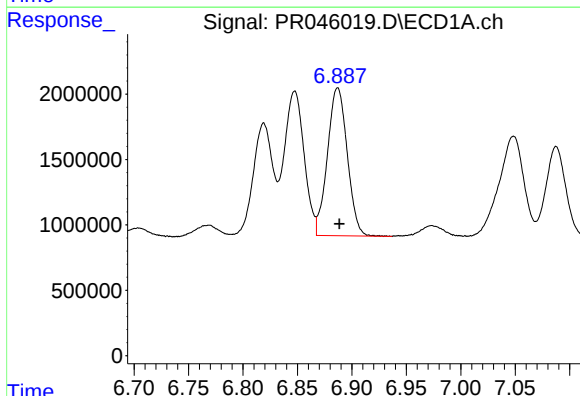
R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 13787743
Conc: 417.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



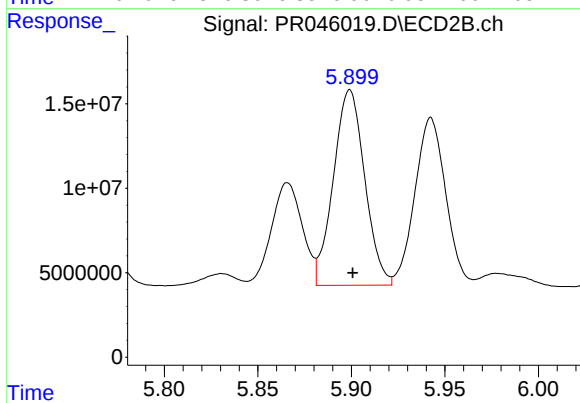
#19 AR-1242-4

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 106771287
Conc: 442.56 ng/ml



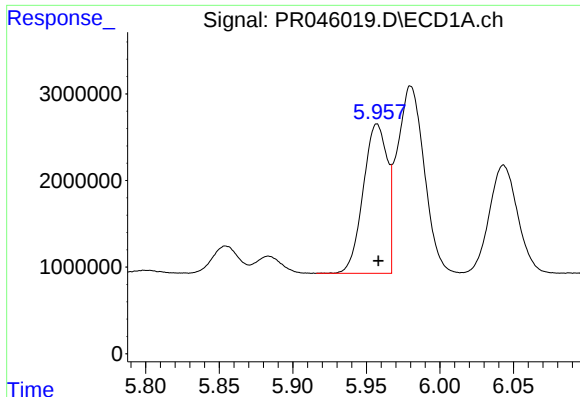
#20 AR-1242-5

R.T.: 6.887 min
Delta R.T.: -0.002 min
Response: 14352909
Conc: 407.10 ng/ml



#20 AR-1242-5

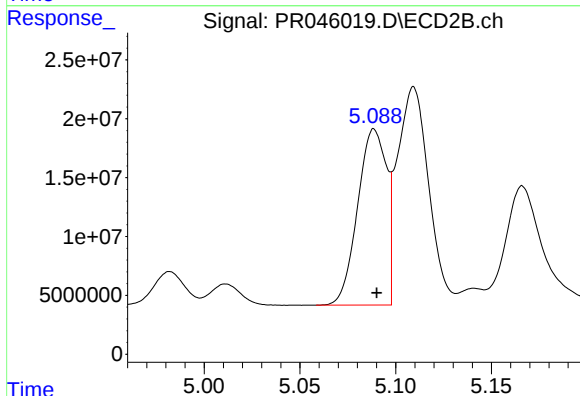
R.T.: 5.899 min
Delta R.T.: -0.002 min
Response: 134946273
Conc: 426.33 ng/ml



#21 AR-1248-1

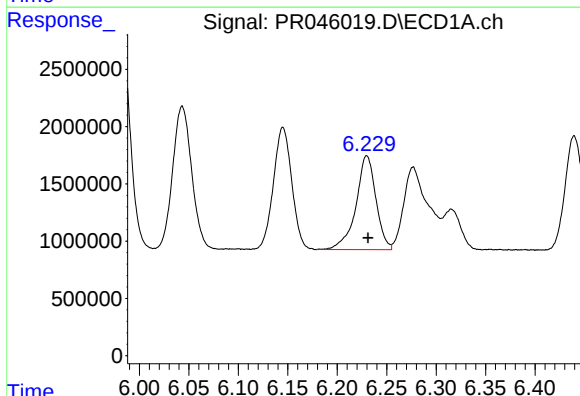
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 19655109
Conc: 535.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



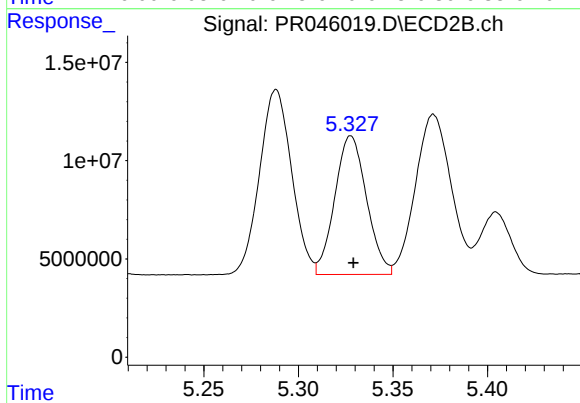
#21 AR-1248-1

R.T.: 5.089 min
Delta R.T.: -0.001 min
Response: 156666905
Conc: 566.00 ng/ml



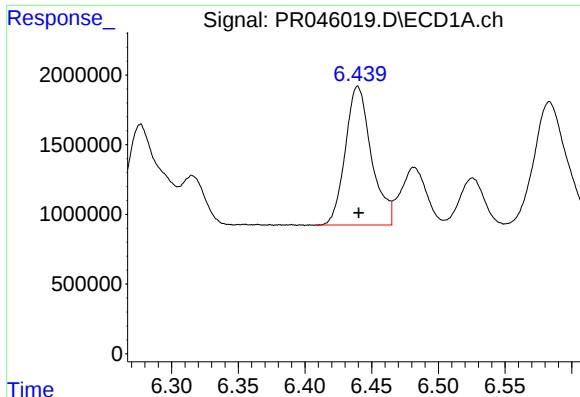
#22 AR-1248-2

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 11531872
Conc: 234.17 ng/ml



#22 AR-1248-2

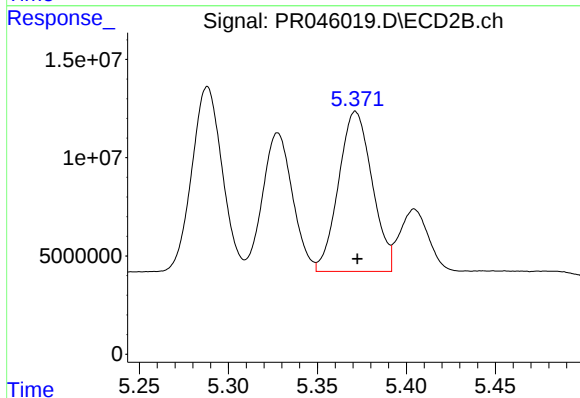
R.T.: 5.328 min
Delta R.T.: -0.001 min
Response: 82348163
Conc: 252.30 ng/ml



#23 AR-1248-3

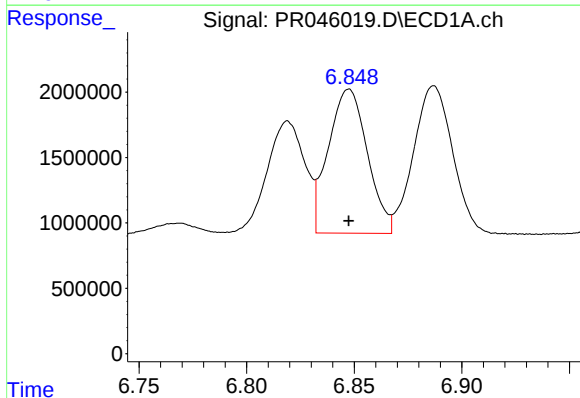
R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 13552493
Conc: 249.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



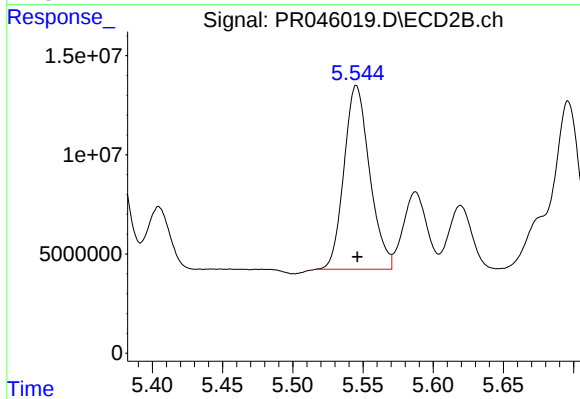
#23 AR-1248-3

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 106771287
Conc: 300.93 ng/ml



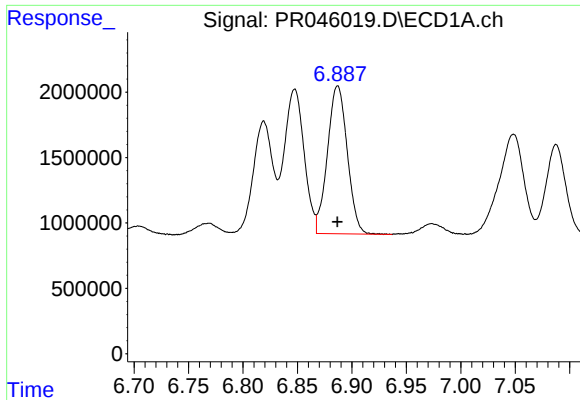
#24 AR-1248-4

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 13919610
Conc: 223.77 ng/ml



#24 AR-1248-4

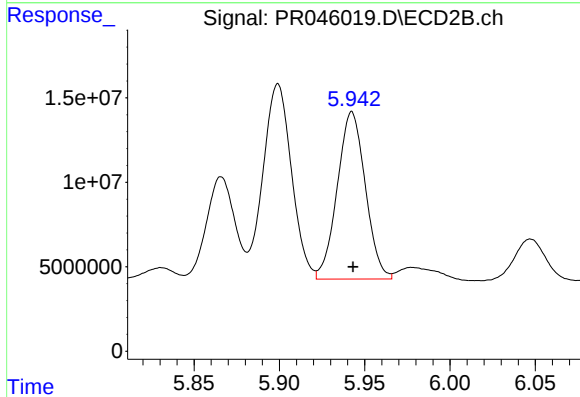
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 117822759
Conc: 267.63 ng/ml



#25 AR-1248-5

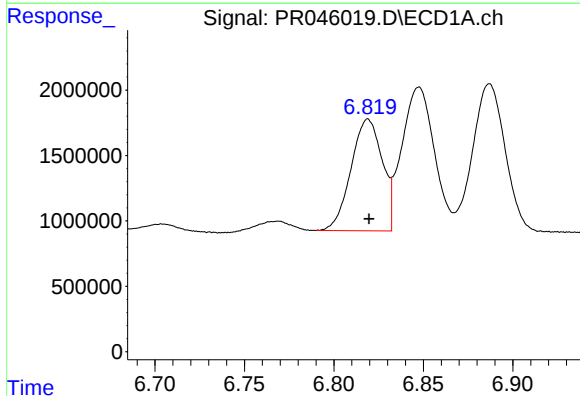
R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 14352909
Conc: 243.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



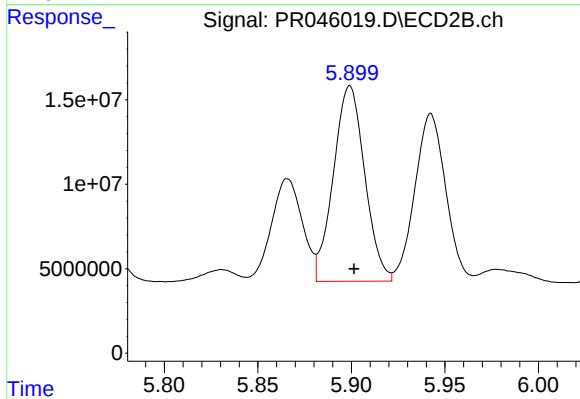
#25 AR-1248-5

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 113624889
Conc: 260.42 ng/ml



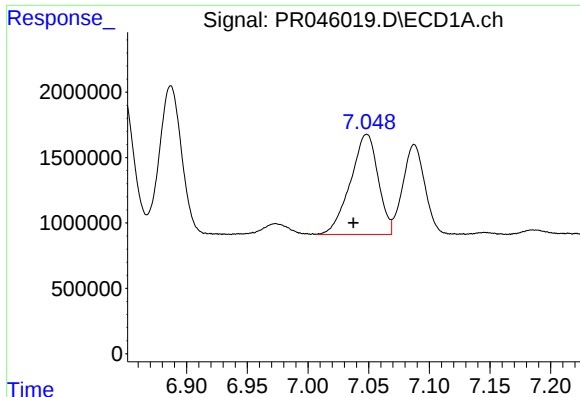
#26 AR-1254-1

R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 10379380
Conc: 164.08 ng/ml



#26 AR-1254-1

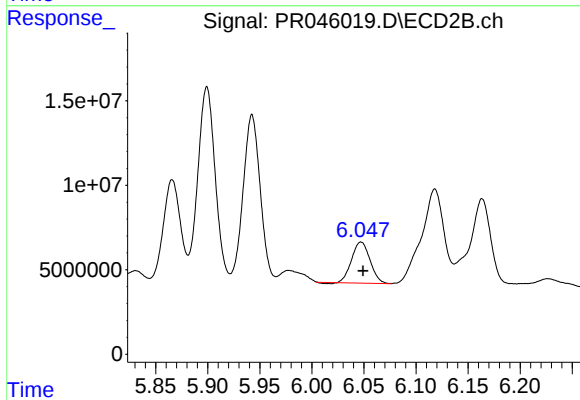
R.T.: 5.899 min
Delta R.T.: -0.002 min
Response: 134946273
Conc: 196.22 ng/ml



#27 AR-1254-2

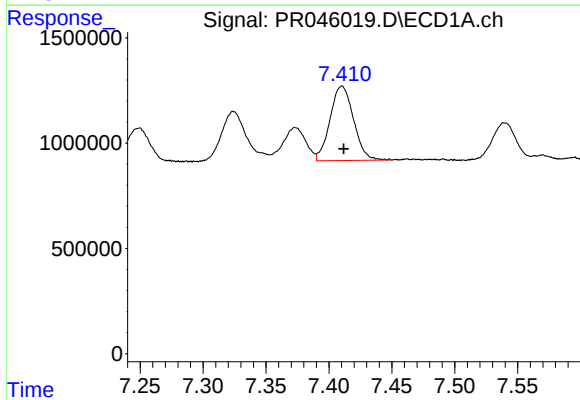
R.T.: 7.048 min
Delta R.T.: 0.011 min
Response: 12183307
Conc: 123.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



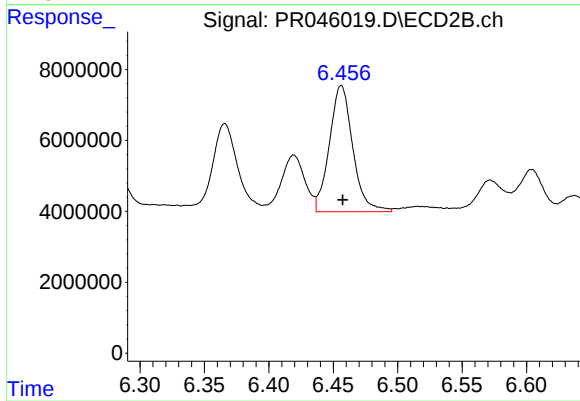
#27 AR-1254-2

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 29862760
Conc: 50.18 ng/ml



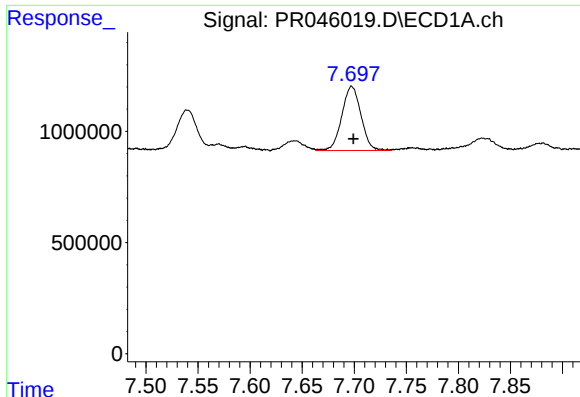
#28 AR-1254-3

R.T.: 7.410 min
Delta R.T.: -0.001 min
Response: 4595815
Conc: 43.38 ng/ml



#28 AR-1254-3

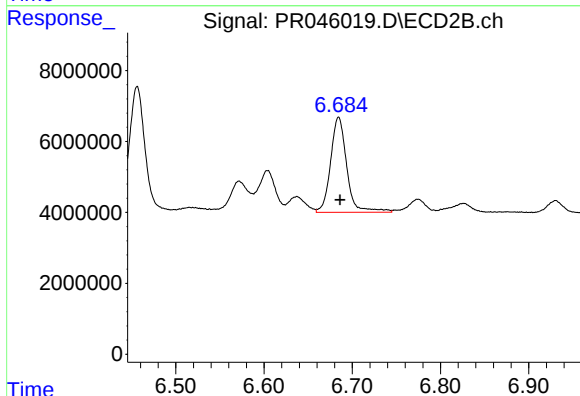
R.T.: 6.456 min
Delta R.T.: -0.001 min
Response: 44995576
Conc: 45.63 ng/ml



#29 AR-1254-4

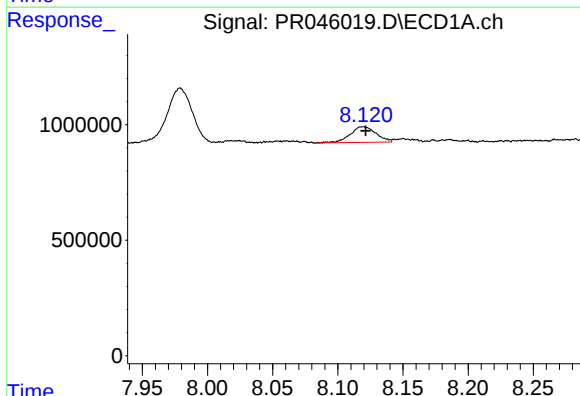
R.T.: 7.698 min
Delta R.T.: -0.002 min
Response: 3695497
Conc: 46.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



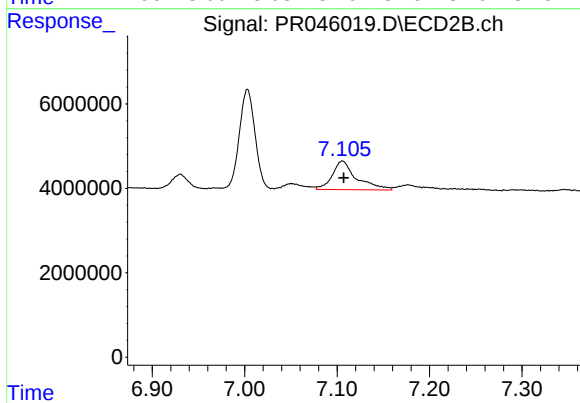
#29 AR-1254-4

R.T.: 6.685 min
Delta R.T.: -0.002 min
Response: 34266320
Conc: 53.84 ng/ml



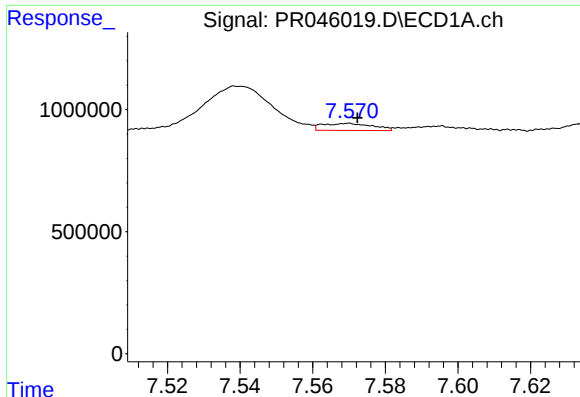
#30 AR-1254-5

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 942035
Conc: 11.00 ng/ml



#30 AR-1254-5

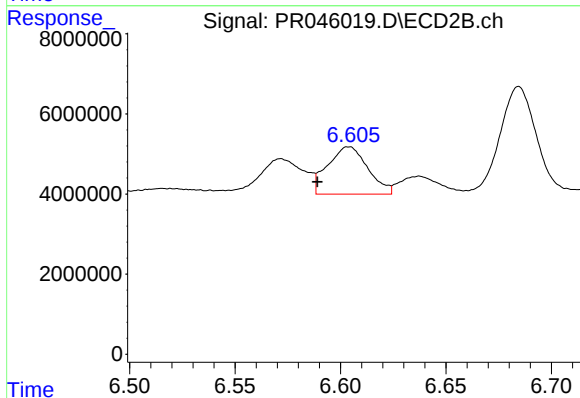
R.T.: 7.106 min
Delta R.T.: -0.001 min
Response: 12401834
Conc: 14.69 ng/ml



#31 AR-1260-1

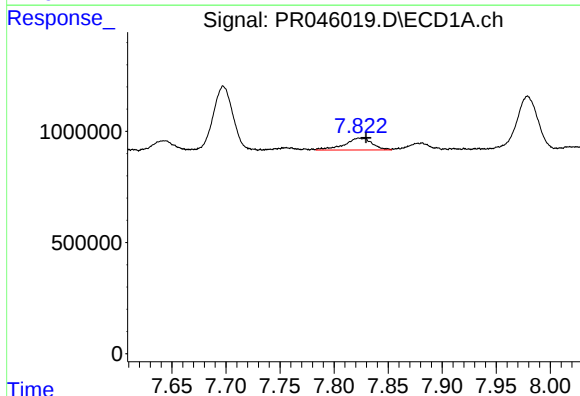
R.T.: 7.570 min
Delta R.T.: -0.003 min
Response: 276998
Conc: 3.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



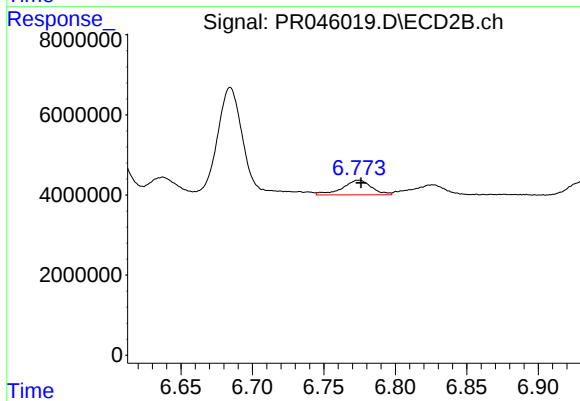
#31 AR-1260-1

R.T.: 6.604 min
Delta R.T.: 0.015 min
Response: 15685310
Conc: 28.03 ng/ml



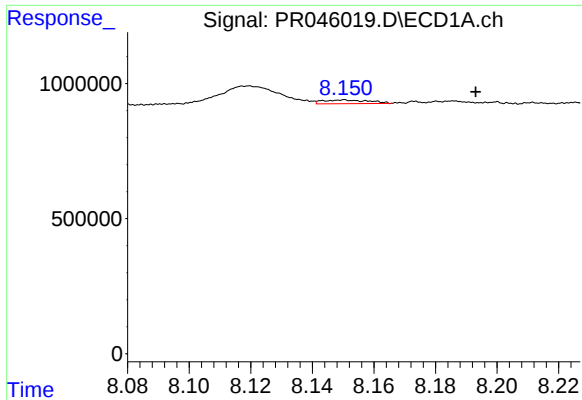
#32 AR-1260-2

R.T.: 7.823 min
Delta R.T.: -0.007 min
Response: 962213
Conc: 11.11 ng/ml



#32 AR-1260-2

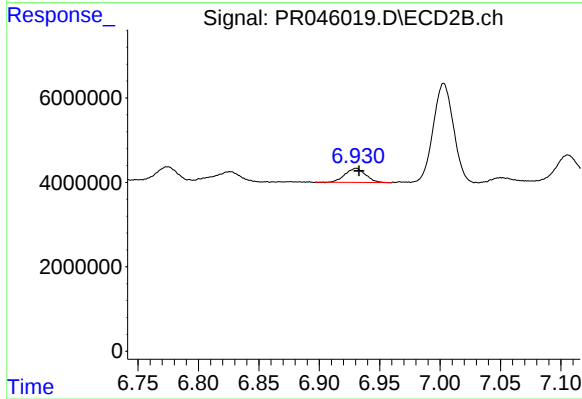
R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 5171074
Conc: 7.62 ng/ml



#33 AR-1260-3

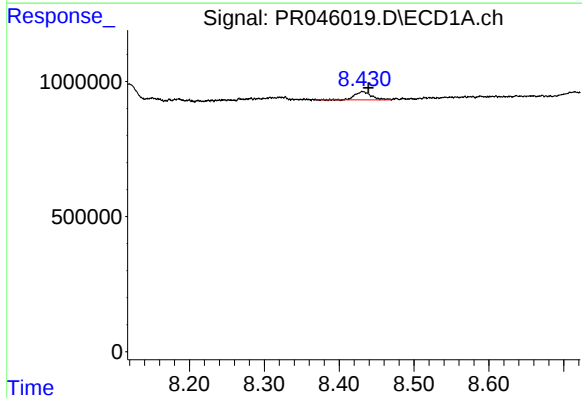
R.T.: 8.150 min
Delta R.T.: -0.043 min
Response: 142059
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



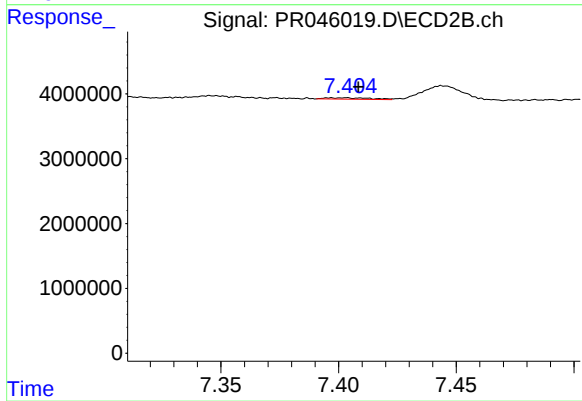
#33 AR-1260-3

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 3898373
Conc: 6.25 ng/ml



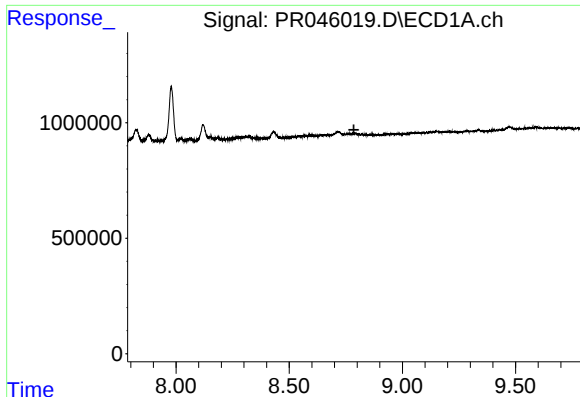
#34 AR-1260-4

R.T.: 8.431 min
Delta R.T.: -0.008 min
Response: 464246
Conc: 6.00 ng/ml



#34 AR-1260-4

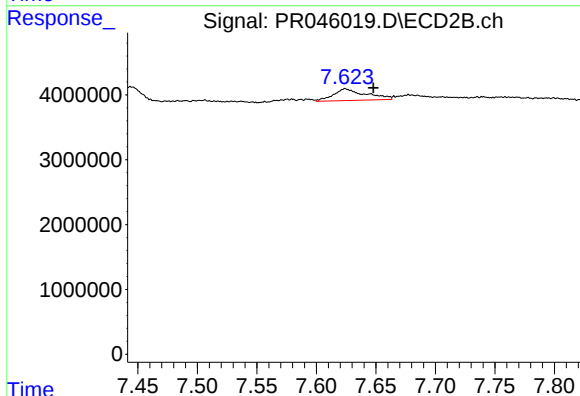
R.T.: 7.403 min
Delta R.T.: -0.006 min
Response: 272751
Conc: 0.52 ng/ml



#35 AR-1260-5

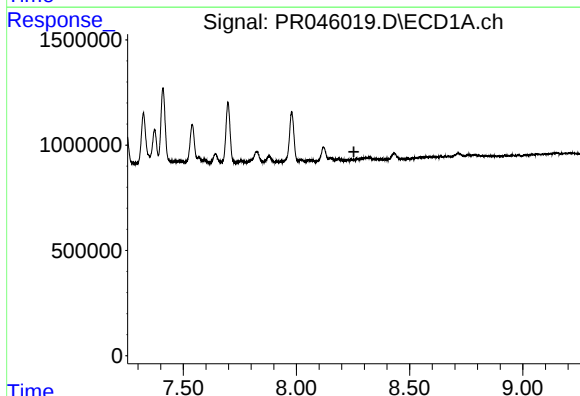
R.T.: 0.000 min
Exp R.T. : 8.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



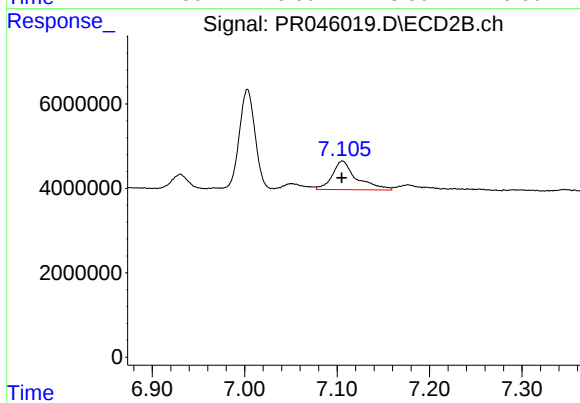
#35 AR-1260-5

R.T.: 7.624 min
Delta R.T.: -0.024 min
Response: 3385822
Conc: 2.52 ng/ml



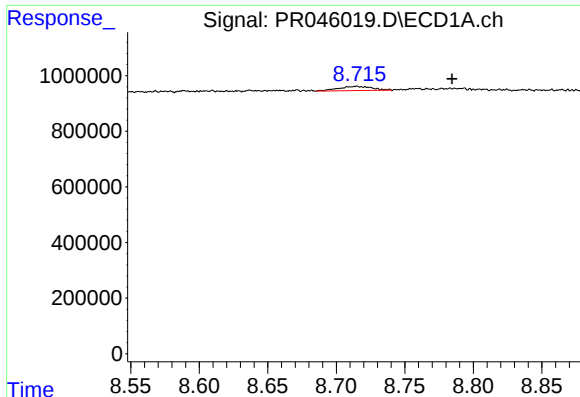
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.254 min
Response: 0
Conc: N.D.



#36 AR-1262-1

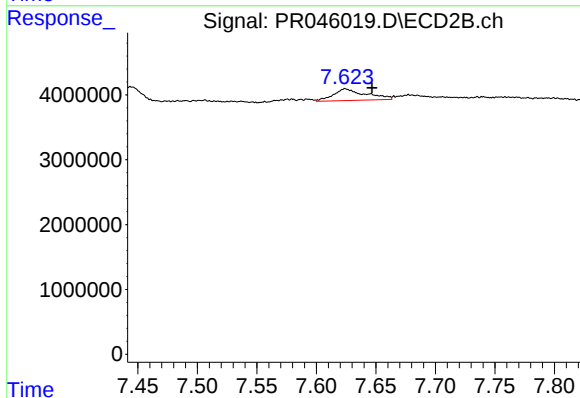
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 12401834
Conc: 27.30 ng/ml



#37 AR-1262-2

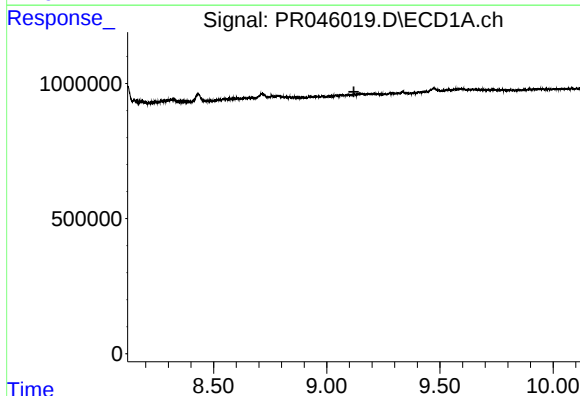
R.T.: 8.715 min
Delta R.T.: -0.070 min
Response: 253075
Conc: 1.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



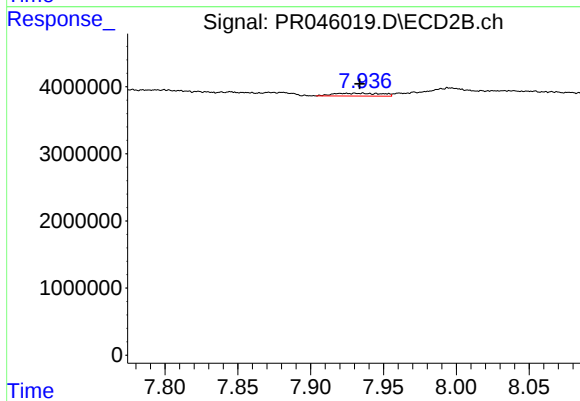
#37 AR-1262-2

R.T.: 7.624 min
Delta R.T.: -0.023 min
Response: 3385822
Conc: 2.05 ng/ml



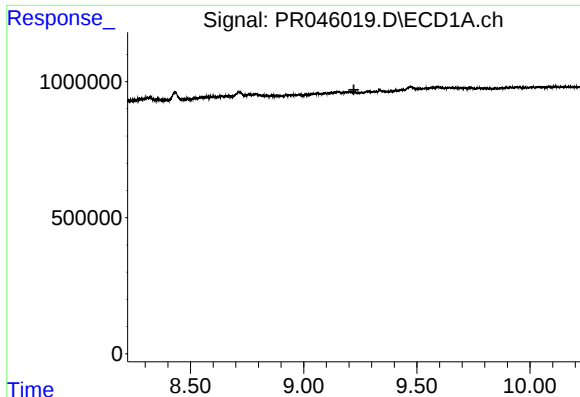
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.120 min
Response: 0
Conc: N.D.



#38 AR-1262-3

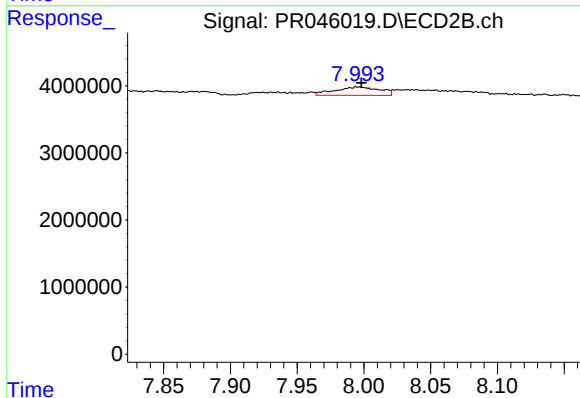
R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 961779
Conc: 1.46 ng/ml



#39 AR-1262-4

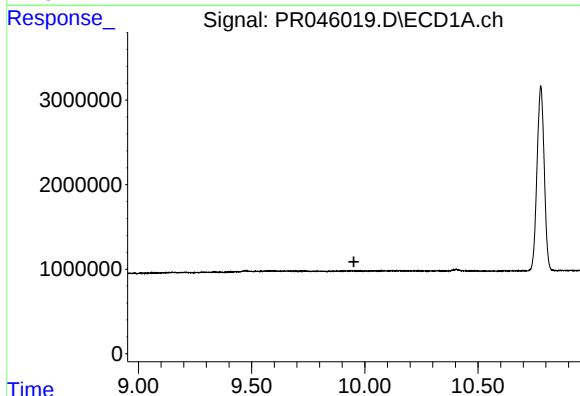
R.T.: 0.000 min
Exp R.T.: 9.222 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



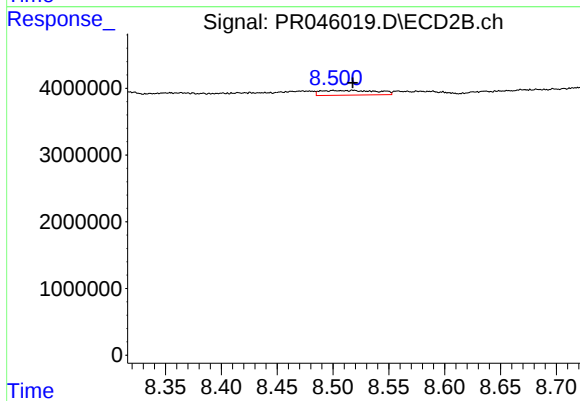
#39 AR-1262-4

R.T.: 7.995 min
Delta R.T.: -0.003 min
Response: 2914855
Conc: 2.39 ng/ml



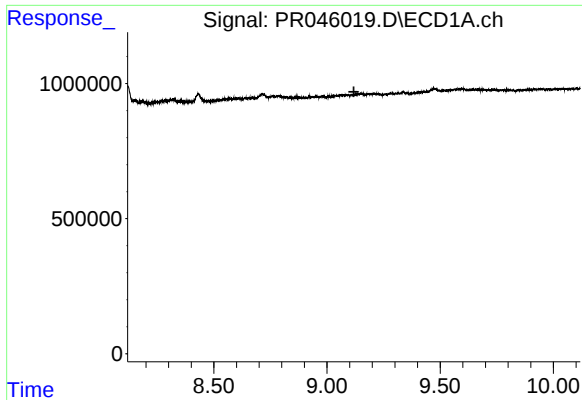
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.952 min
Response: 0
Conc: N.D.



#40 AR-1262-5

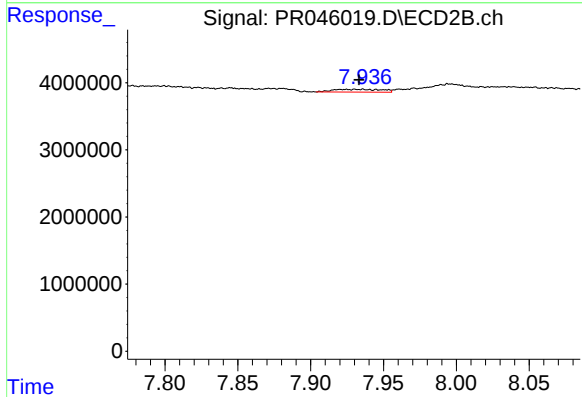
R.T.: 8.500 min
Delta R.T.: -0.017 min
Response: 2463336
Conc: 4.11 ng/ml



#41 AR-1268-1

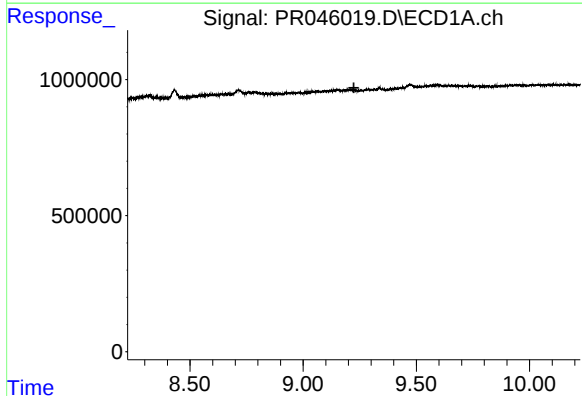
R.T.: 0.000 min
Exp R.T.: 9.119 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



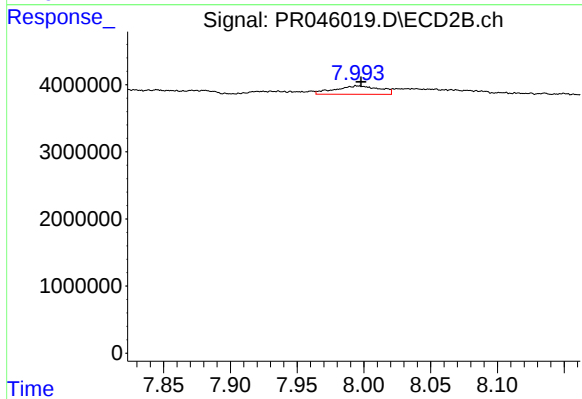
#41 AR-1268-1

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 961779
Conc: 0.50 ng/ml



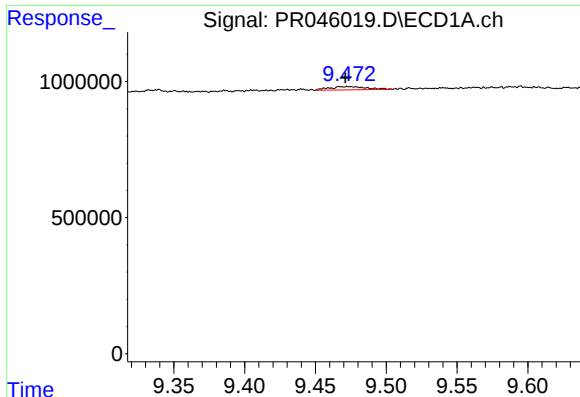
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.224 min
Response: 0
Conc: N.D.



#42 AR-1268-2

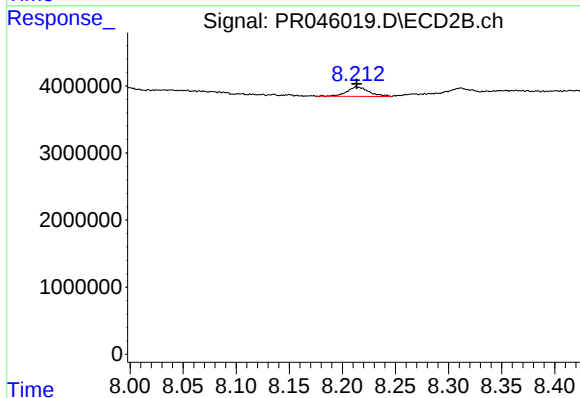
R.T.: 7.995 min
Delta R.T.: -0.003 min
Response: 2914855
Conc: 1.60 ng/ml



#43 AR-1268-3

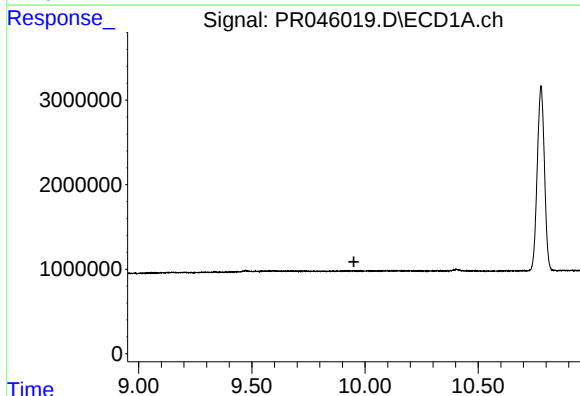
R.T.: 9.468 min
Delta R.T.: -0.003 min
Response: 215827
Conc: 1.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



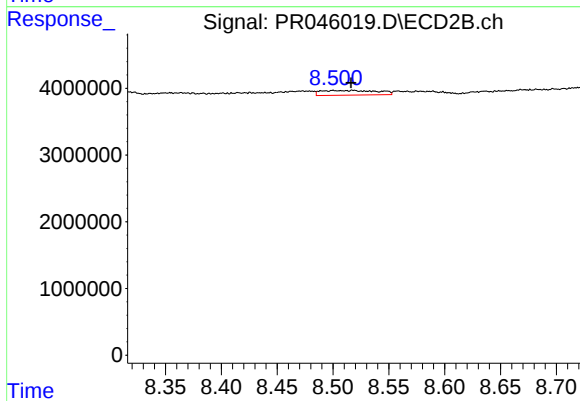
#43 AR-1268-3

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 2035597
Conc: 1.35 ng/ml



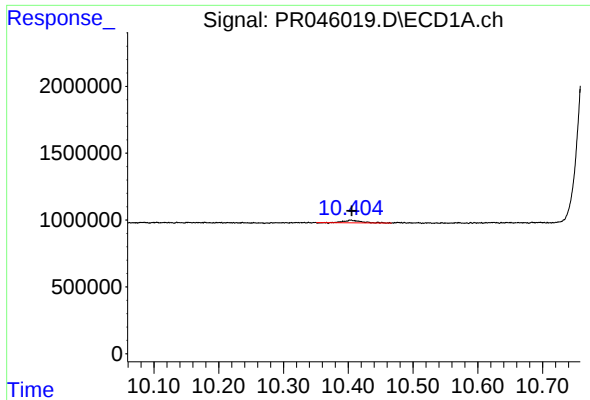
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.951 min
Response: 0
Conc: N.D.



#44 AR-1268-4

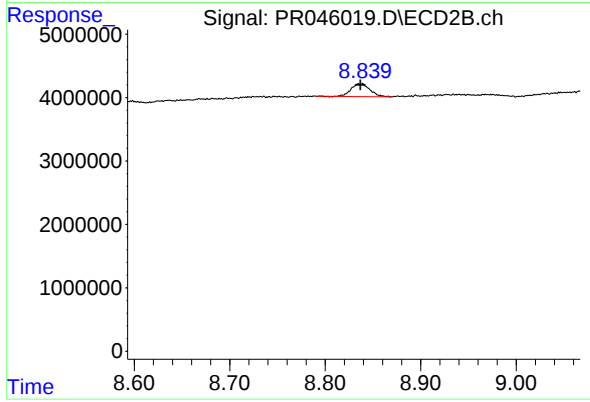
R.T.: 8.500 min
Delta R.T.: -0.016 min
Response: 2463336
Conc: 3.68 ng/ml



#45 AR-1268-5

R.T.: 10.404 min
Delta R.T.: -0.001 min
Response: 331279
Conc: 0.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.837 min
Delta R.T.: 0.000 min
Response: 2783939
Conc: 0.58 ng/ml