

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060920\
 Data File : PR0456740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2020 06:40
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 07:54:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060920CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 10 04:21:30 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...	4.775	3.993	28572713	219.3E6	21.288	22.964
2)	SA Decachlor...	10.787	9.125	68139656	560.3E6	42.015	46.725
Target Compounds							
3)	L1 AR-1016-1	5.966	5.094	17228752	144.1E6	338.299	366.819
4)	L1 AR-1016-2	5.989	5.114	25094017	179.2E6	341.818	359.136
5)	L1 AR-1016-3	6.052	5.293	15392183	103.6E6	348.153	388.283
6)	L1 AR-1016-4	6.154	5.333	12711999	78326689	343.606	363.156
7)	L1 AR-1016-5	6.448	5.550	12681373	111.7E6	355.723	388.142
8)	L2 AR-1221-1	4.985	4.205	1950938	11758452	137.746	136.312
9)	L2 AR-1221-2	5.078	4.295	2141690	17441608	238.564	227.565
10)	L2 AR-1221-3	5.157	4.372	8685565	67938294	288.877	301.758
11)	L3 AR-1232-1	5.157	4.372	8685565	67938294	306.995	326.941
12)	L3 AR-1232-2	5.695	5.114	12515048	179.2E6	755.952	848.533
13)	L3 AR-1232-3	5.989	5.293	25094017	103.6E6	800.665	919.831
14)	L3 AR-1232-4	6.154	5.376	12711999	100.5E6	810.601	968.271
15)	L3 AR-1232-5	6.238	5.550	10614009	111.7E6	856.313	987.145
16)	L4 AR-1242-1	5.966	5.094	17228752	144.1E6	322.789	343.122
17)	L4 AR-1242-2	5.989	5.114	25094017	179.2E6	327.476	329.898
18)	L4 AR-1242-3	6.052	5.293	15392183	103.6E6	330.024	354.374
19)	L4 AR-1242-4	6.154	5.376	12711999	100.5E6	331.267	351.612
20)	L4 AR-1242-5	6.894	5.904	14968592	139.9E6	344.235	362.636
21)	L5 AR-1248-1	5.966	5.094	17228752	144.1E6	429.013	448.743
22)	L5 AR-1248-2	6.238	5.333	10614009	78326689	192.600	197.435
23)	L5 AR-1248-3	6.448	5.376	12681373	100.5E6	206.633	244.948
24)	L5 AR-1248-4	6.855	5.550	14432650	111.7E6	196.679	221.095
25)	L5 AR-1248-5	6.894	5.947	14968592	119.8E6	215.305	231.871
26)	L6 AR-1254-1	6.827	5.904	10532104	139.9E6	147.540	177.601
27)	L6 AR-1254-2	7.056	6.052	12741230	34569729	113.476	50.400 #
28)	L6 AR-1254-3	7.417	6.461	5578424	46820238	45.720	40.839
29)	L6 AR-1254-4	7.705	6.690	4286075	37158233	45.244	49.434
30)	L6 AR-1254-5	8.127	7.111	1155075	11542336	11.296	11.563
31)	L7 AR-1260-1	7.547	6.609	3429791	16775101	48.086	30.486 #
32)	L7 AR-1260-2	7.831	6.779	1255882	4315534	14.113	6.255 #
33)	L7 AR-1260-3	0.000	6.935	0	5155253	N.D.	8.176 #
34)	L7 AR-1260-4	8.439	7.448	715425	3381701	8.817	6.143 #
35)	L7 AR-1260-5	8.789	7.629	326895	3130732	1.868	2.153
36)	L8 AR-1262-1	0.000	7.111	0	11542336	N.D.	19.669 #
37)	L8 AR-1262-2	8.789	7.629	326895	3130732	1.292	1.410
38)	L8 AR-1262-3	0.000	7.999f	0	2155500	N.D.	2.302 #
39)	L8 AR-1262-4	0.000	7.999	0	2155500	N.D.	1.290 #
41)	L9 AR-1268-1	0.000	7.999f	0	2155500	N.D.	0.912 #
42)	L9 AR-1268-2	0.000	7.999	0	2155500	N.D.	0.949 #

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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	9.480	8.218	636345	5410117	2.938	2.853
45) L9	AR-1268-5	10.415	8.840	629534	4901325	0.831	0.804

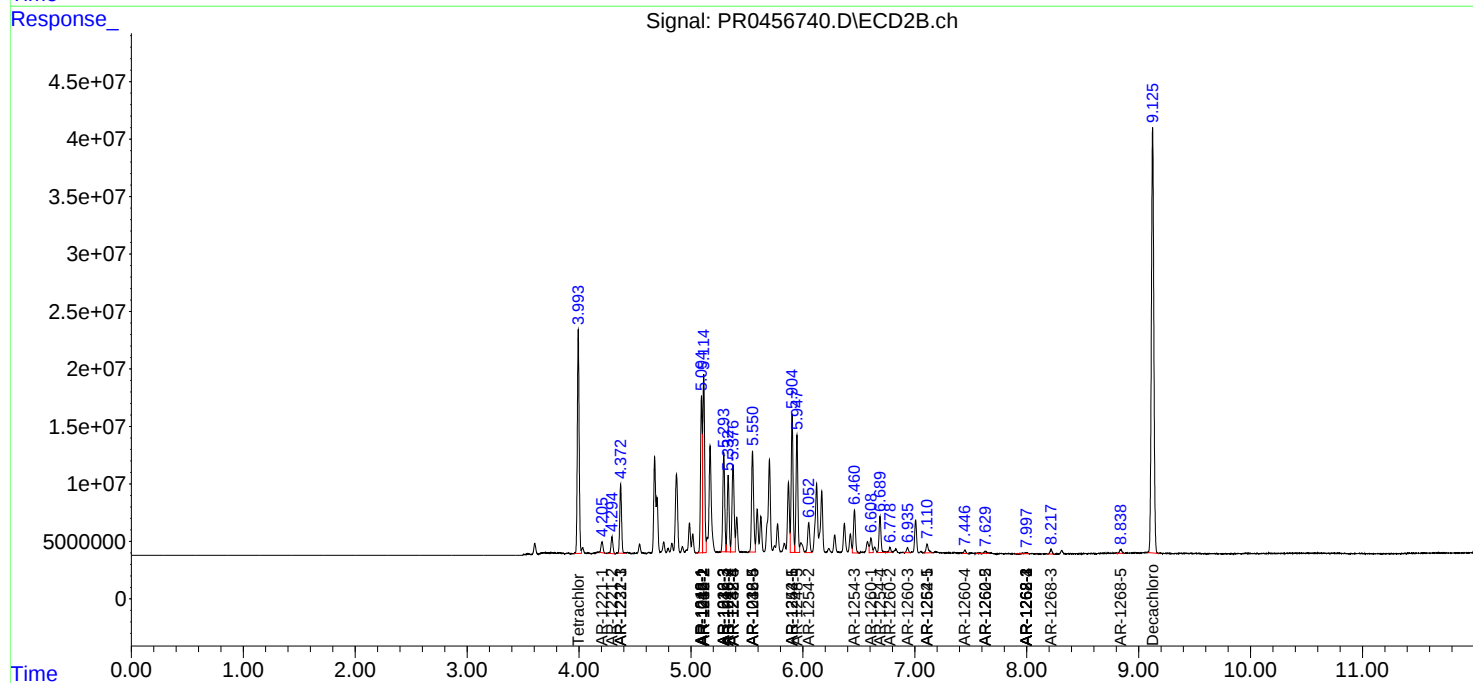
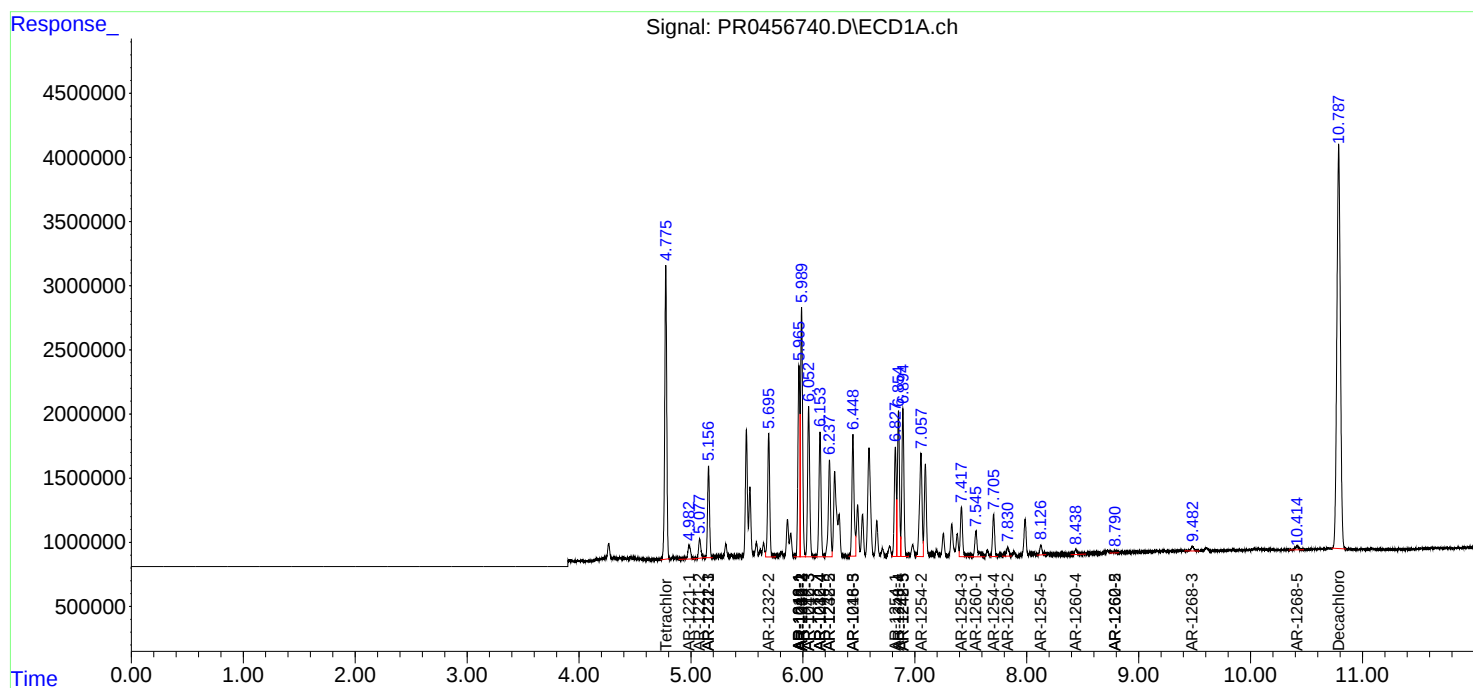
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

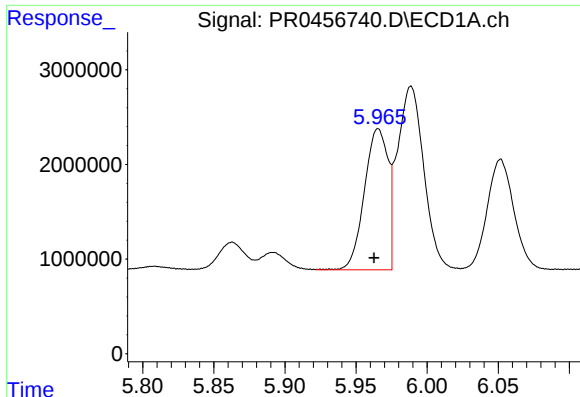
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

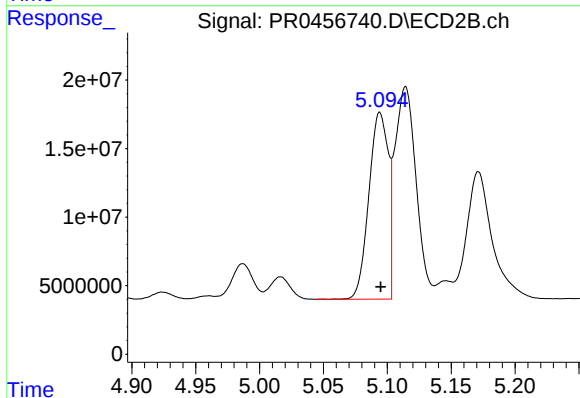




#3 AR-1016-1

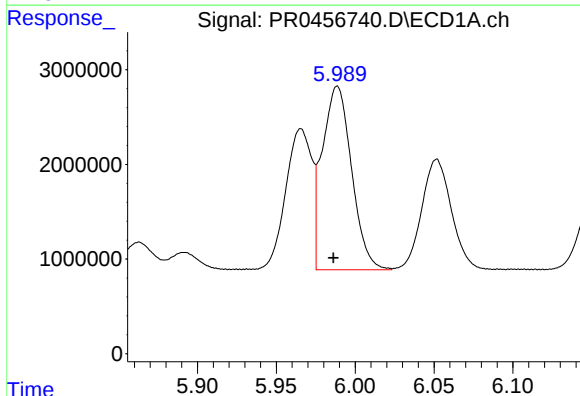
R.T.: 5.966 min
Delta R.T.: 0.003 min
Response: 17228752
Conc: 338.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



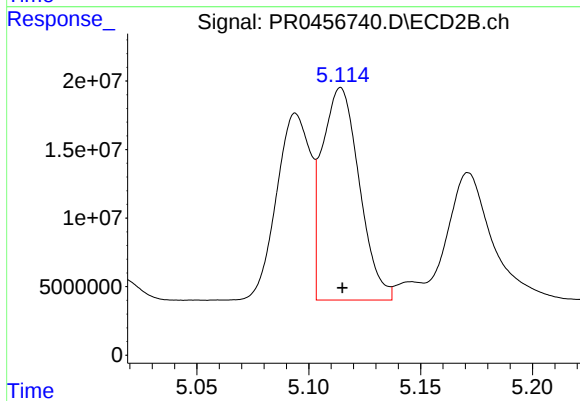
#3 AR-1016-1

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 144123775
Conc: 366.82 ng/ml



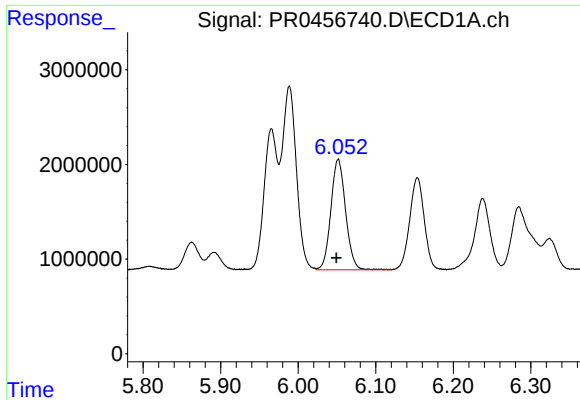
#4 AR-1016-2

R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 25094017
Conc: 341.82 ng/ml



#4 AR-1016-2

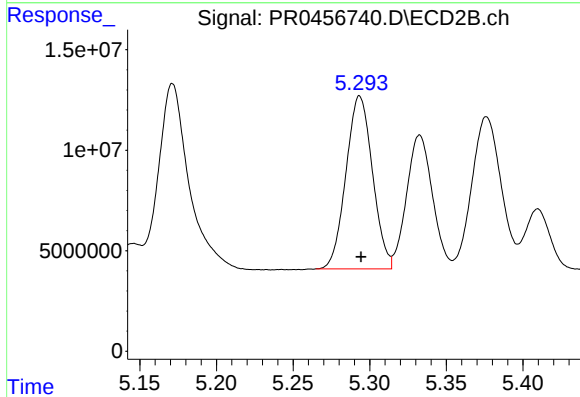
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 179202806
Conc: 359.14 ng/ml



#5 AR-1016-3

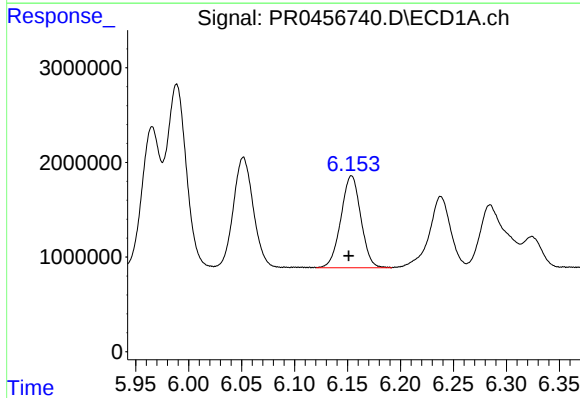
R.T.: 6.052 min
Delta R.T.: 0.003 min
Response: 15392183
Conc: 348.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



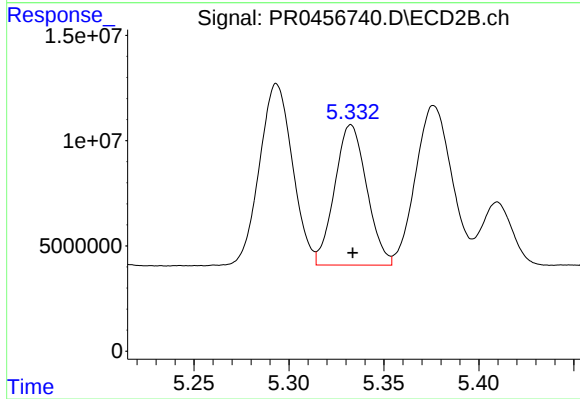
#5 AR-1016-3

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 103643626
Conc: 388.28 ng/ml



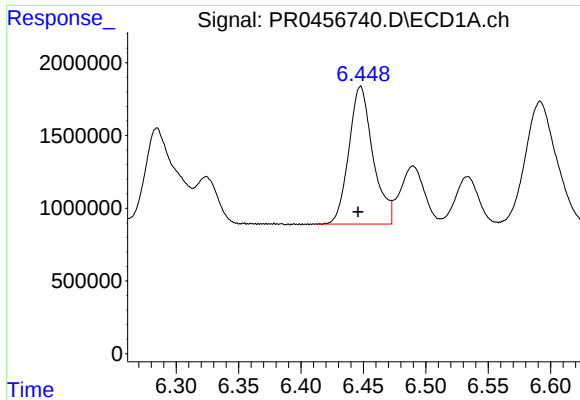
#6 AR-1016-4

R.T.: 6.154 min
Delta R.T.: 0.003 min
Response: 12711999
Conc: 343.61 ng/ml



#6 AR-1016-4

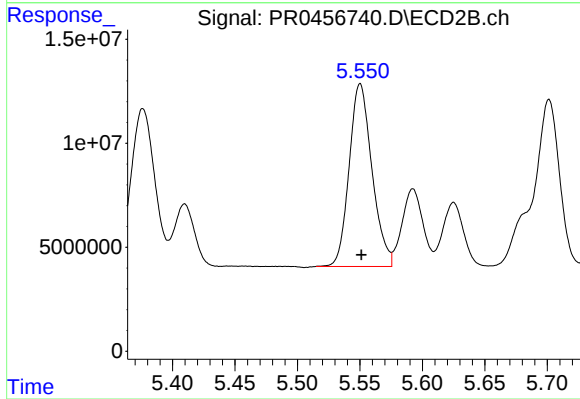
R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 78326689
Conc: 363.16 ng/ml



#7 AR-1016-5

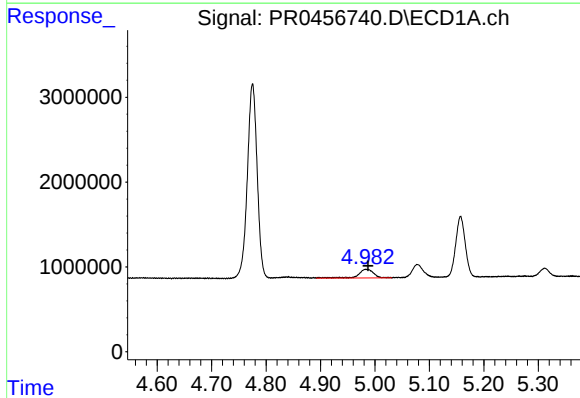
R.T.: 6.448 min
Delta R.T.: 0.002 min
Response: 12681373
Conc: 355.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



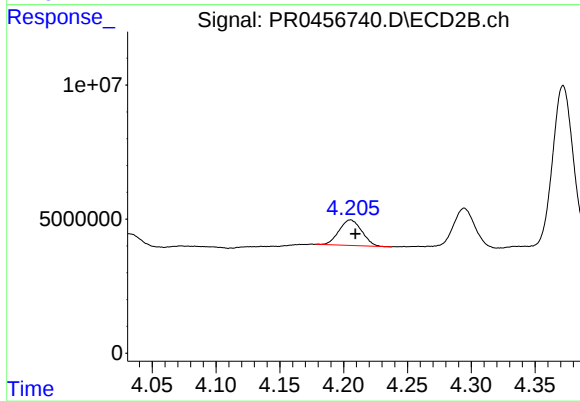
#7 AR-1016-5

R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 111710566
Conc: 388.14 ng/ml



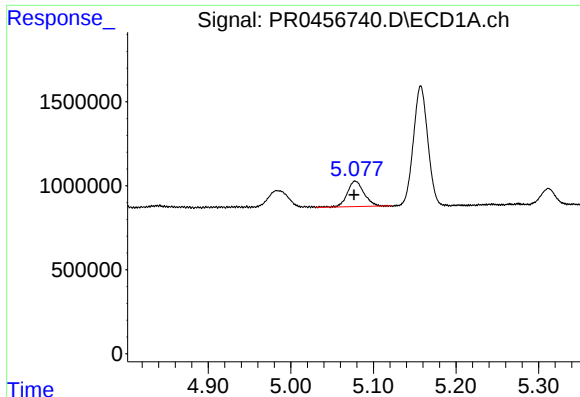
#8 AR-1221-1

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 1950938
Conc: 137.75 ng/ml



#8 AR-1221-1

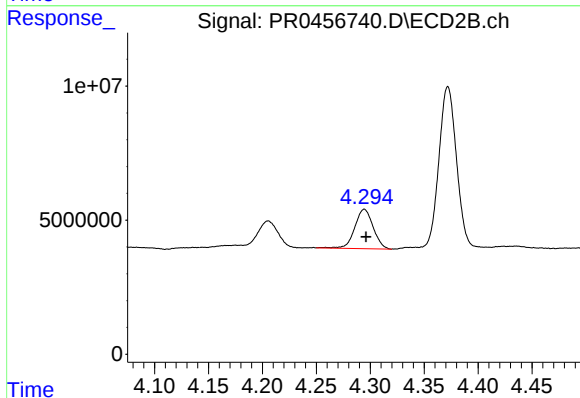
R.T.: 4.205 min
Delta R.T.: -0.004 min
Response: 11758452
Conc: 136.31 ng/ml



#9 AR-1221-2

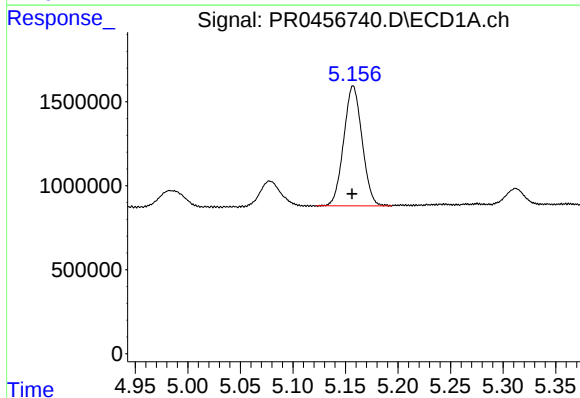
R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 2141690
Conc: 238.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



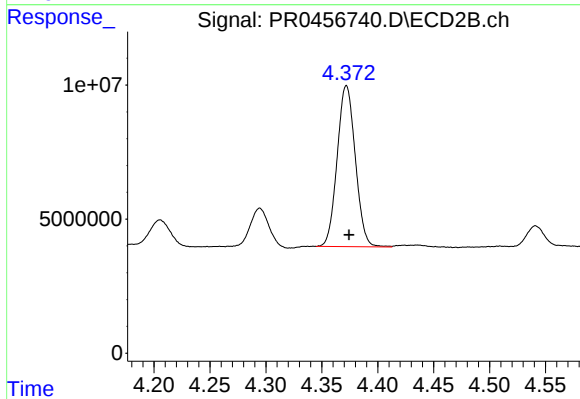
#9 AR-1221-2

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 17441608
Conc: 227.56 ng/ml



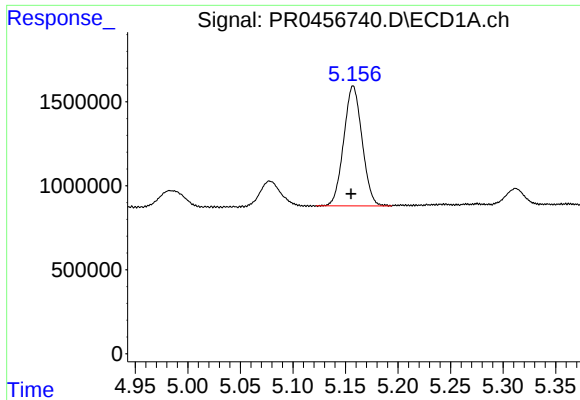
#10 AR-1221-3

R.T.: 5.157 min
Delta R.T.: 0.001 min
Response: 8685565
Conc: 288.88 ng/ml



#10 AR-1221-3

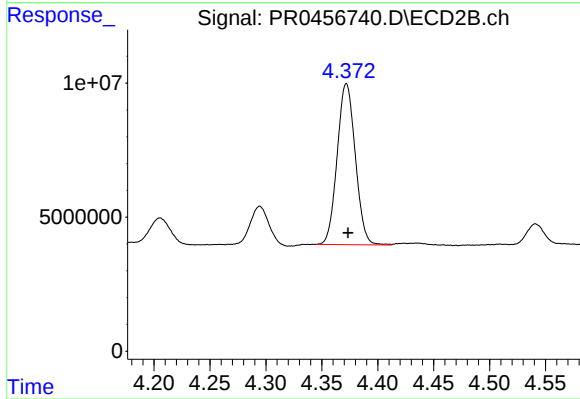
R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 67938294
Conc: 301.76 ng/ml



#11 AR-1232-1

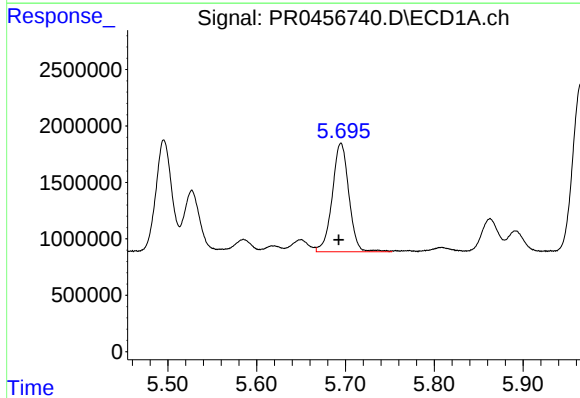
R.T.: 5.157 min
Delta R.T.: 0.002 min
Response: 8685565
Conc: 306.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



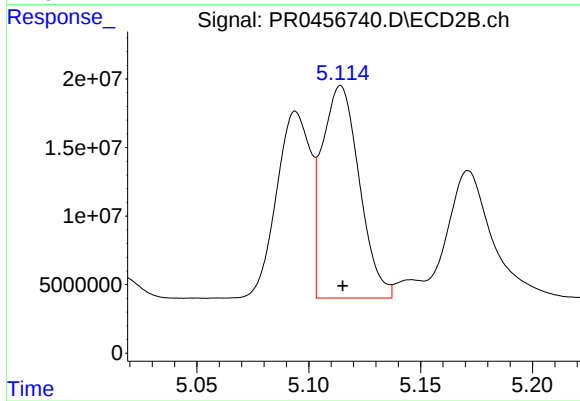
#11 AR-1232-1

R.T.: 4.372 min
Delta R.T.: -0.002 min
Response: 67938294
Conc: 326.94 ng/ml



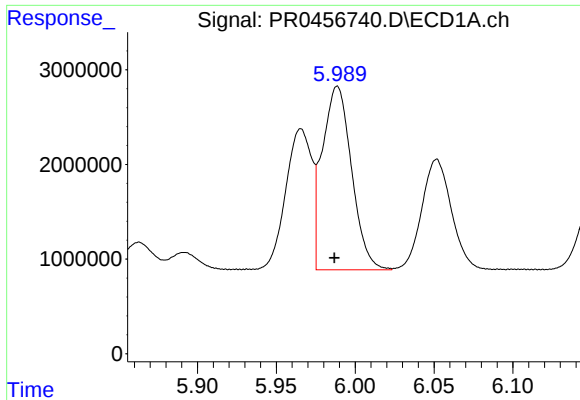
#12 AR-1232-2

R.T.: 5.695 min
Delta R.T.: 0.002 min
Response: 12515048
Conc: 755.95 ng/ml



#12 AR-1232-2

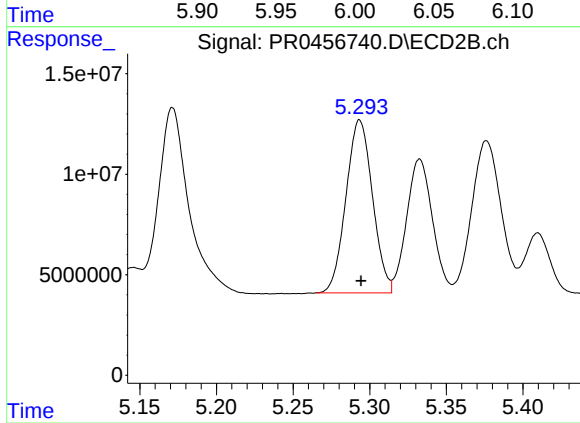
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 179202806
Conc: 848.53 ng/ml



#13 AR-1232-3

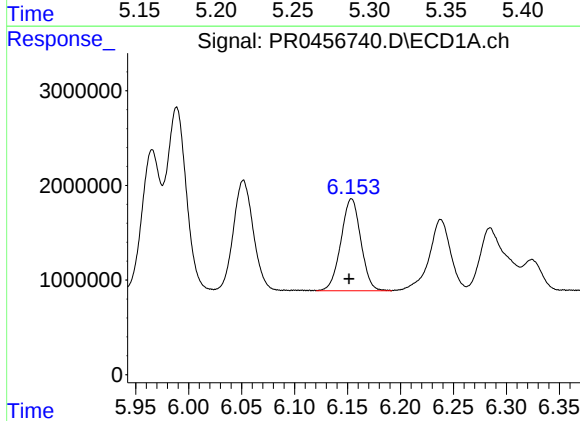
R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 25094017
Conc: 800.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



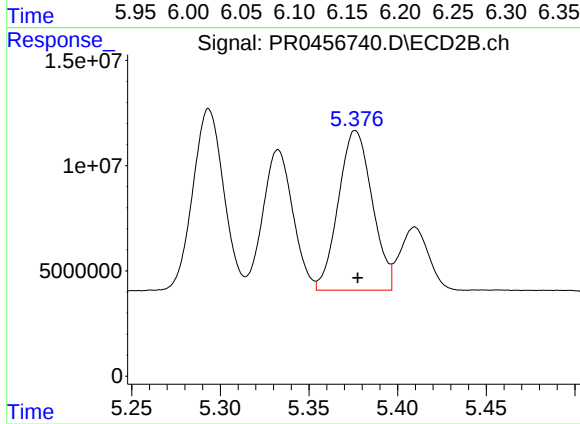
#13 AR-1232-3

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 103643626
Conc: 919.83 ng/ml



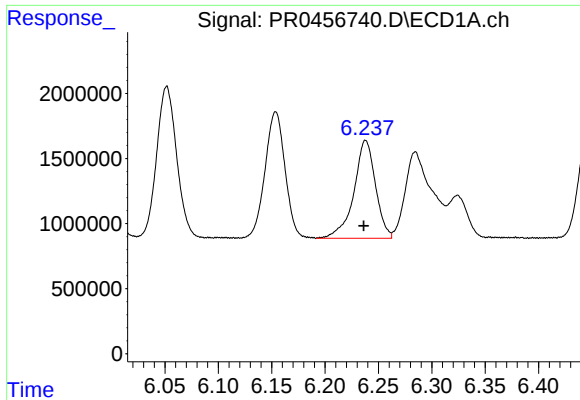
#14 AR-1232-4

R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 12711999
Conc: 810.60 ng/ml



#14 AR-1232-4

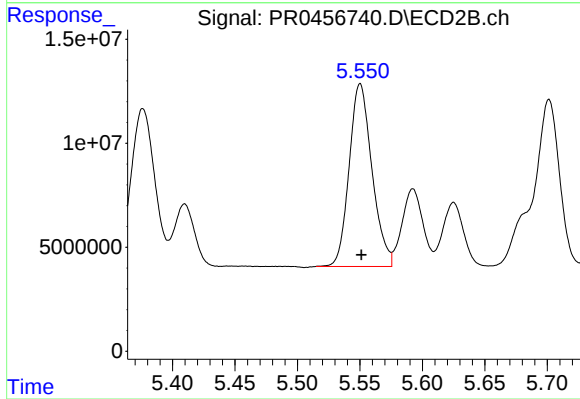
R.T.: 5.376 min
Delta R.T.: -0.001 min
Response: 100487244
Conc: 968.27 ng/ml



#15 AR-1232-5

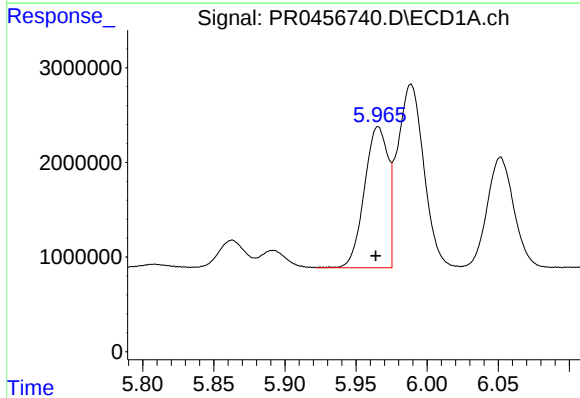
R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 10614009
Conc: 856.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



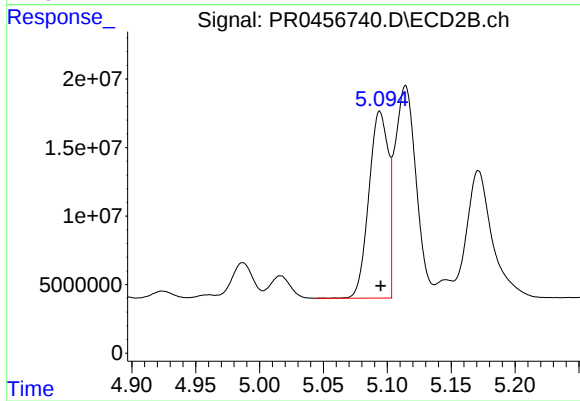
#15 AR-1232-5

R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 111710566
Conc: 987.15 ng/ml



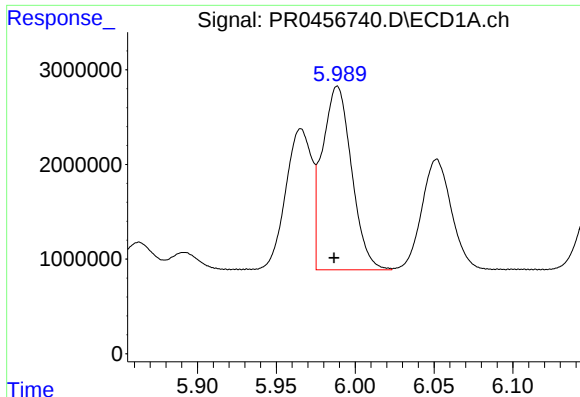
#16 AR-1242-1

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 17228752
Conc: 322.79 ng/ml



#16 AR-1242-1

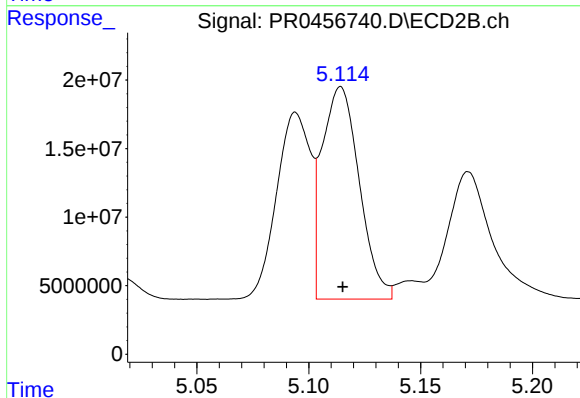
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 144123775
Conc: 343.12 ng/ml



#17 AR-1242-2

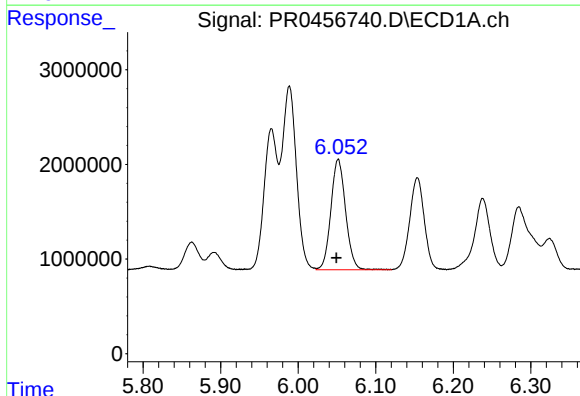
R.T.: 5.989 min
Delta R.T.: 0.002 min
Response: 25094017
Conc: 327.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



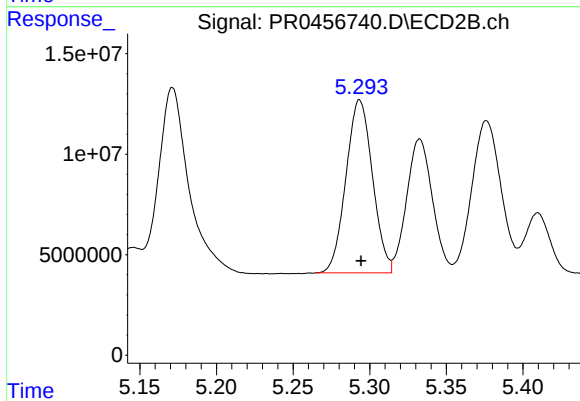
#17 AR-1242-2

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 179202806
Conc: 329.90 ng/ml



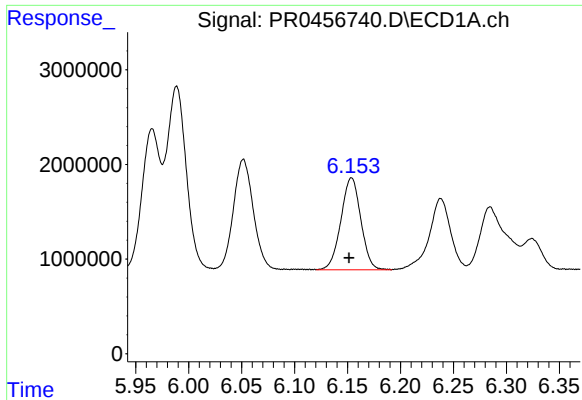
#18 AR-1242-3

R.T.: 6.052 min
Delta R.T.: 0.002 min
Response: 15392183
Conc: 330.02 ng/ml



#18 AR-1242-3

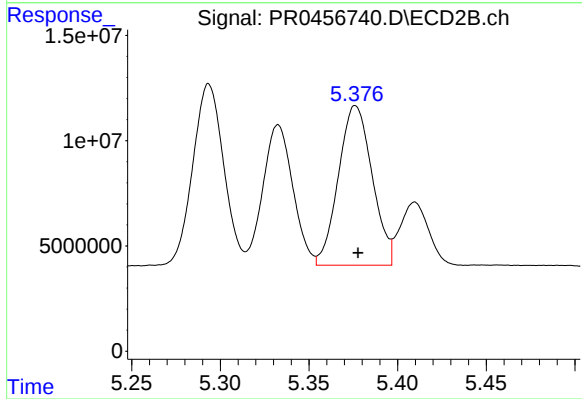
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 103643626
Conc: 354.37 ng/ml



#19 AR-1242-4

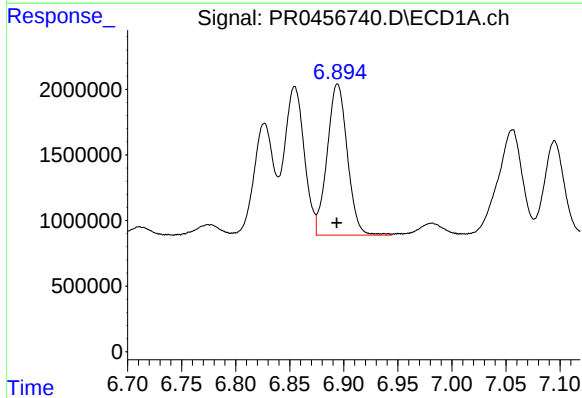
R.T.: 6.154 min
Delta R.T.: 0.002 min
Response: 12711999
Conc: 331.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



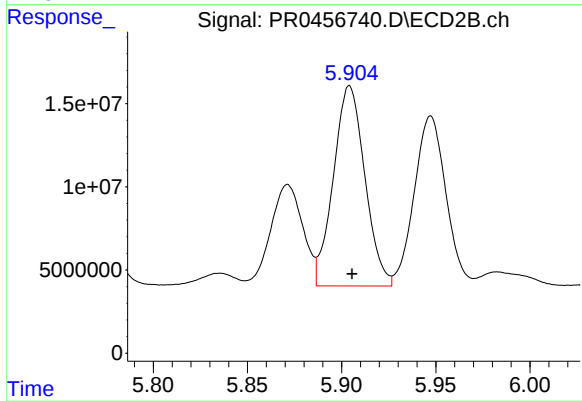
#19 AR-1242-4

R.T.: 5.376 min
Delta R.T.: -0.001 min
Response: 100487244
Conc: 351.61 ng/ml



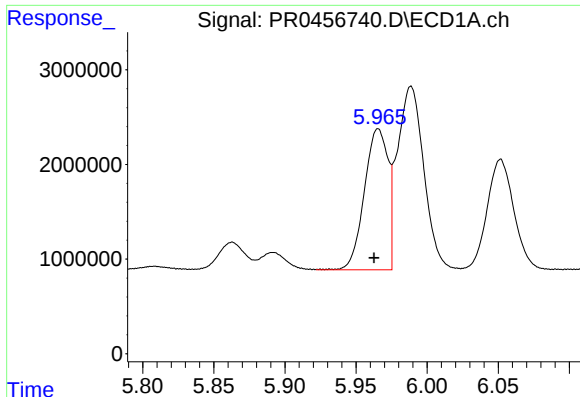
#20 AR-1242-5

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 14968592
Conc: 344.23 ng/ml



#20 AR-1242-5

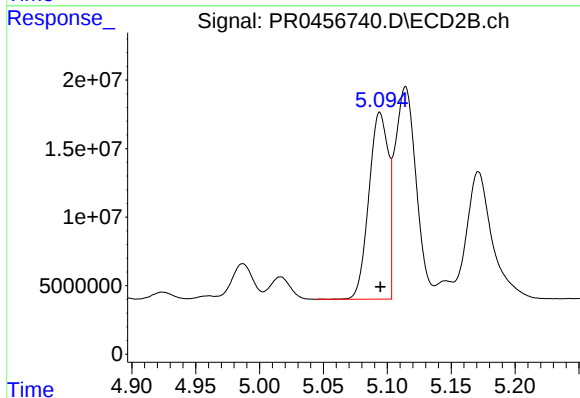
R.T.: 5.904 min
Delta R.T.: -0.001 min
Response: 139931604
Conc: 362.64 ng/ml



#21 AR-1248-1

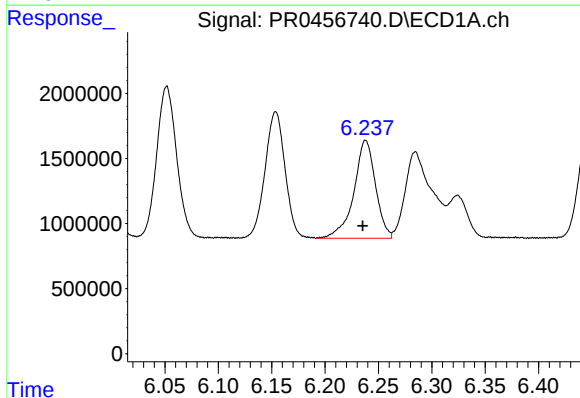
R.T.: 5.966 min
Delta R.T.: 0.003 min
Response: 17228752
Conc: 429.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



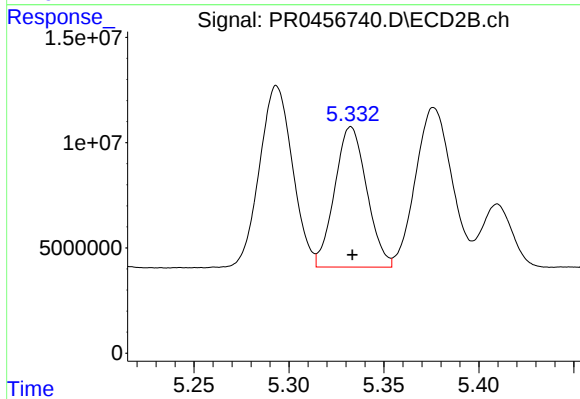
#21 AR-1248-1

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 144123775
Conc: 448.74 ng/ml



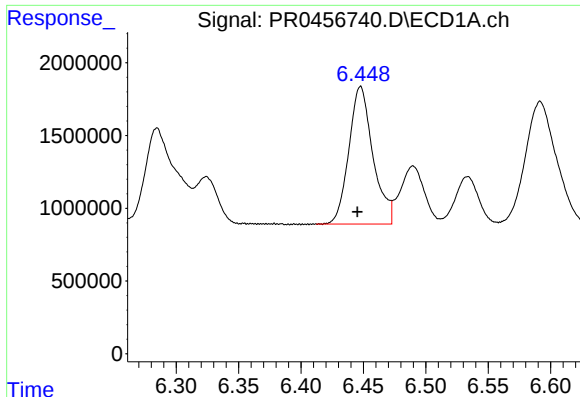
#22 AR-1248-2

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 10614009
Conc: 192.60 ng/ml



#22 AR-1248-2

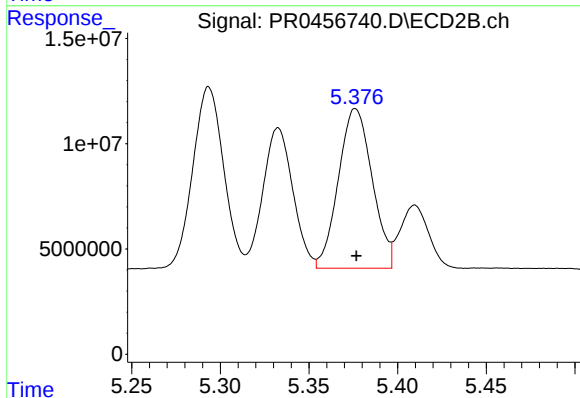
R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 78326689
Conc: 197.44 ng/ml



#23 AR-1248-3

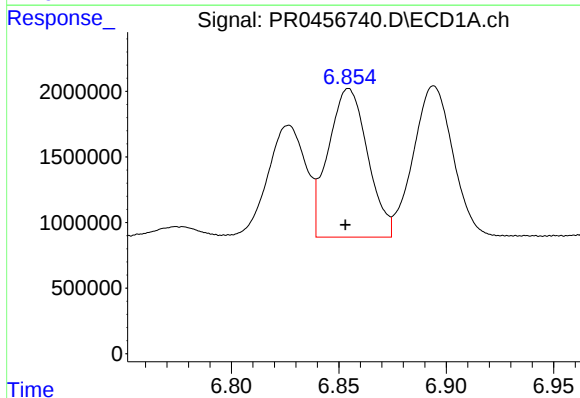
R.T.: 6.448 min
Delta R.T.: 0.002 min
Response: 12681373
Conc: 206.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



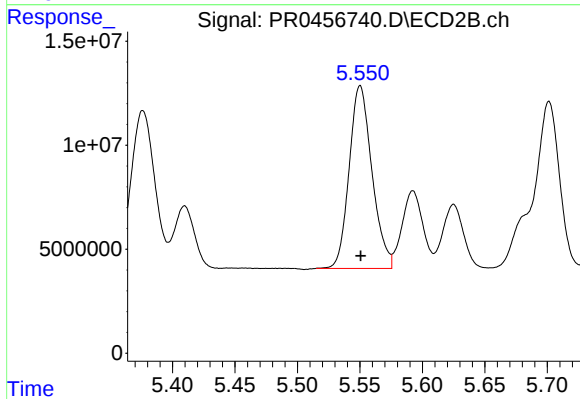
#23 AR-1248-3

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 100487244
Conc: 244.95 ng/ml



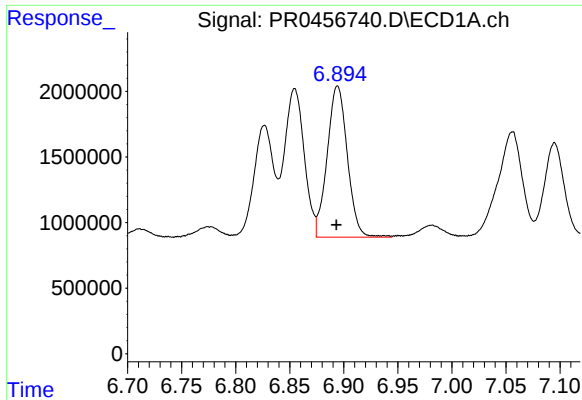
#24 AR-1248-4

R.T.: 6.855 min
Delta R.T.: 0.001 min
Response: 14432650
Conc: 196.68 ng/ml



#24 AR-1248-4

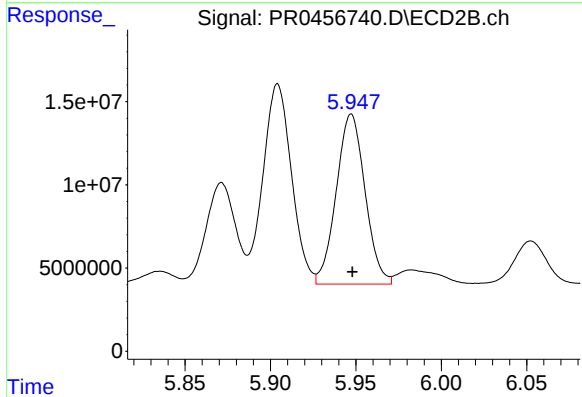
R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 111710566
Conc: 221.09 ng/ml



#25 AR-1248-5

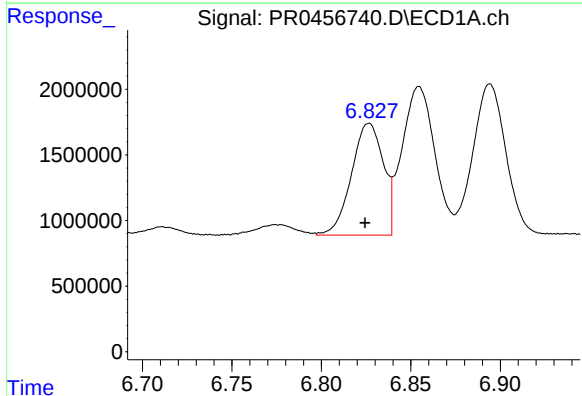
R.T.: 6.894 min
Delta R.T.: 0.001 min
Response: 14968592
Conc: 215.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



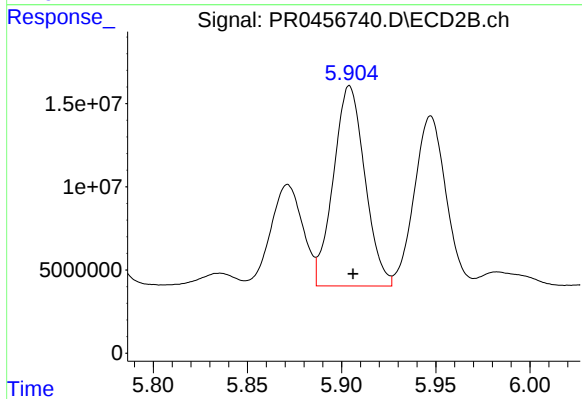
#25 AR-1248-5

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 119805154
Conc: 231.87 ng/ml



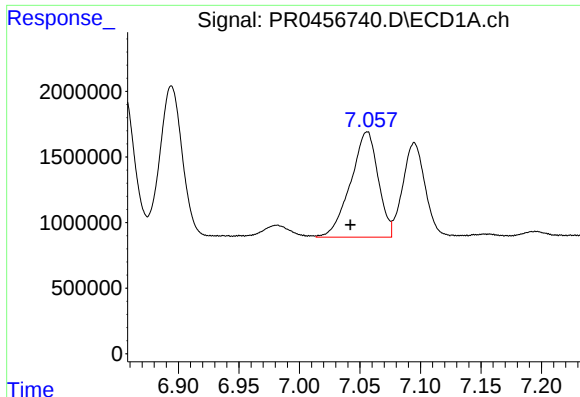
#26 AR-1254-1

R.T.: 6.827 min
Delta R.T.: 0.002 min
Response: 10532104
Conc: 147.54 ng/ml



#26 AR-1254-1

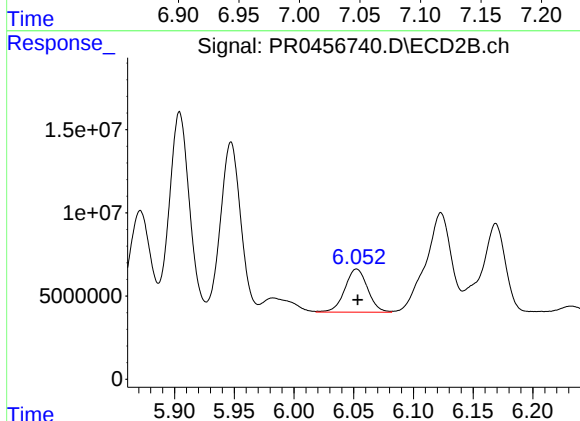
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 139931604
Conc: 177.60 ng/ml



#27 AR-1254-2

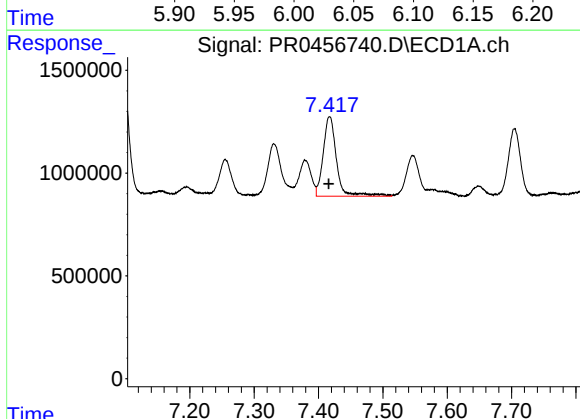
R.T.: 7.056 min
Delta R.T.: 0.014 min
Response: 12741230
Conc: 113.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



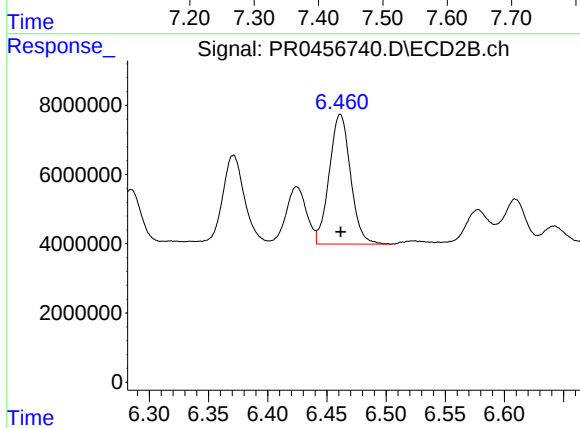
#27 AR-1254-2

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 34569729
Conc: 50.40 ng/ml



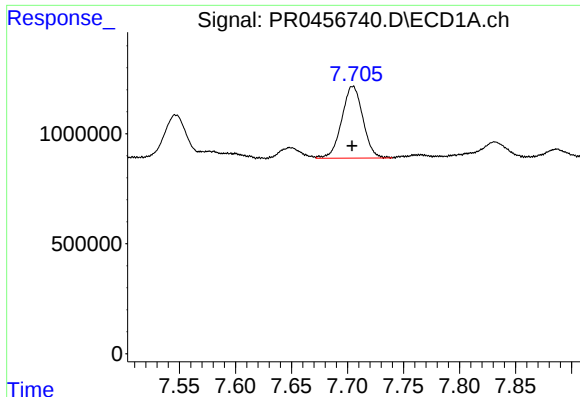
#28 AR-1254-3

R.T.: 7.417 min
Delta R.T.: 0.001 min
Response: 5578424
Conc: 45.72 ng/ml



#28 AR-1254-3

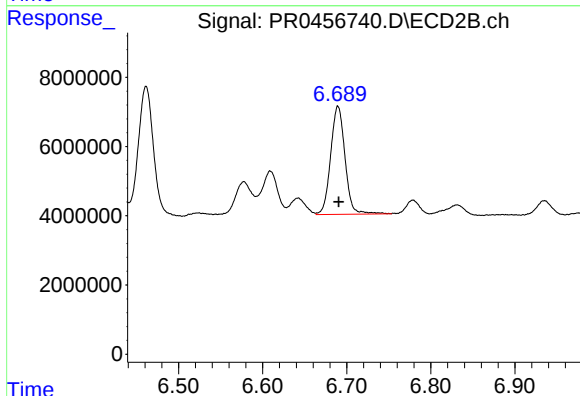
R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 46820238
Conc: 40.84 ng/ml



#29 AR-1254-4

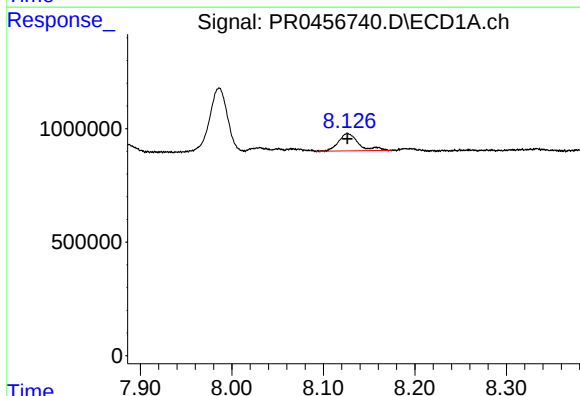
R.T.: 7.705 min
Delta R.T.: 0.000 min
Response: 4286075
Conc: 45.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



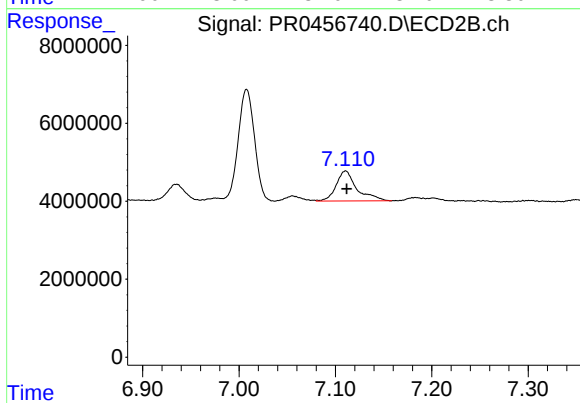
#29 AR-1254-4

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 37158233
Conc: 49.43 ng/ml



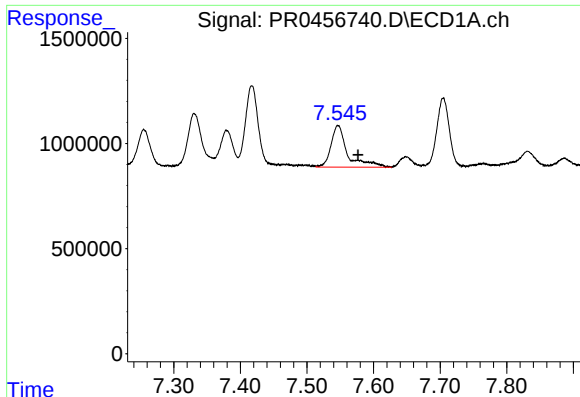
#30 AR-1254-5

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 1155075
Conc: 11.30 ng/ml



#30 AR-1254-5

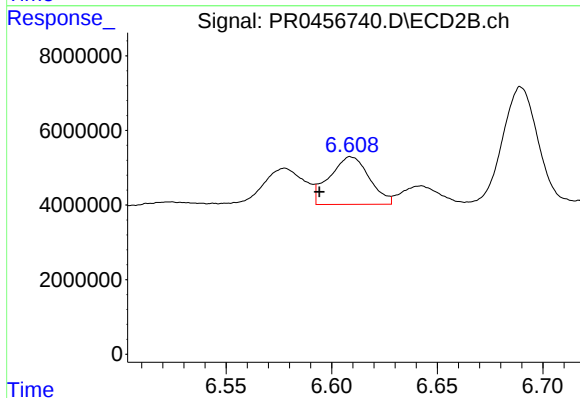
R.T.: 7.111 min
Delta R.T.: -0.001 min
Response: 11542336
Conc: 11.56 ng/ml



#31 AR-1260-1

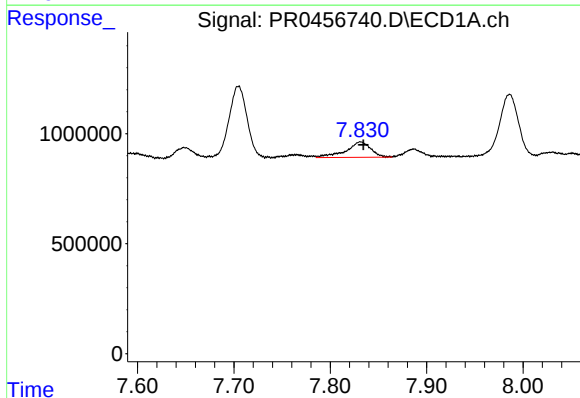
R.T.: 7.547 min
Delta R.T.: -0.030 min
Response: 3429791
Conc: 48.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



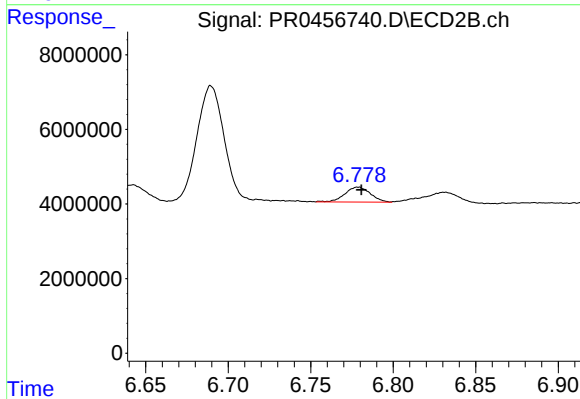
#31 AR-1260-1

R.T.: 6.609 min
Delta R.T.: 0.015 min
Response: 16775101
Conc: 30.49 ng/ml



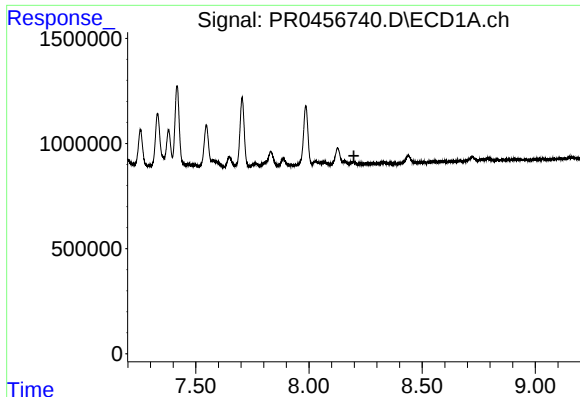
#32 AR-1260-2

R.T.: 7.831 min
Delta R.T.: -0.003 min
Response: 1255882
Conc: 14.11 ng/ml



#32 AR-1260-2

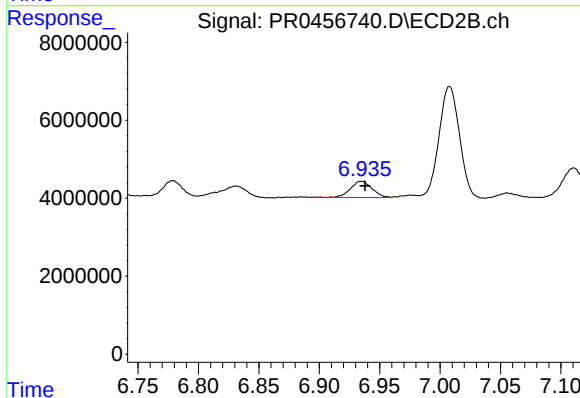
R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 4315534
Conc: 6.26 ng/ml



#33 AR-1260-3

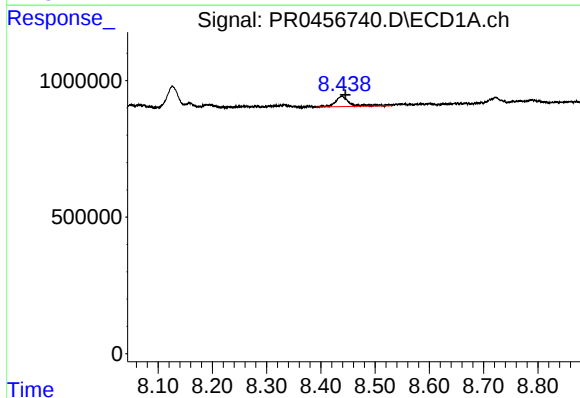
R.T.: 0.000 min
Exp R.T.: 8.199 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



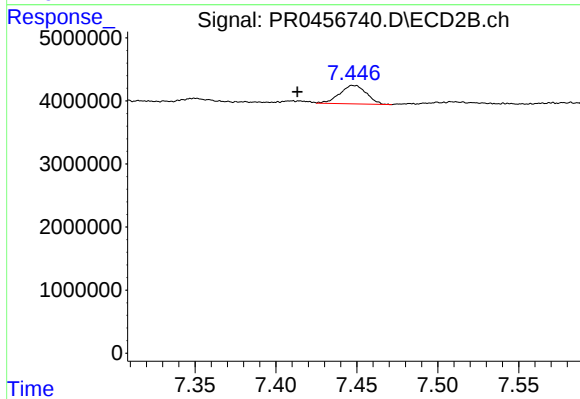
#33 AR-1260-3

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 5155253
Conc: 8.18 ng/ml



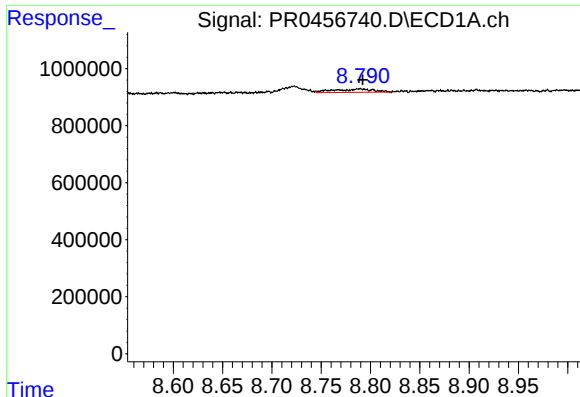
#34 AR-1260-4

R.T.: 8.439 min
Delta R.T.: -0.006 min
Response: 715425
Conc: 8.82 ng/ml



#34 AR-1260-4

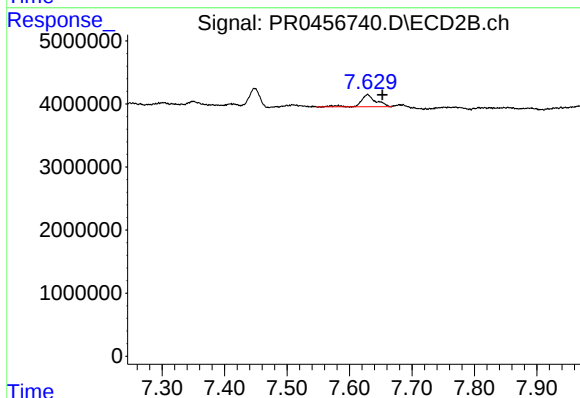
R.T.: 7.448 min
Delta R.T.: 0.035 min
Response: 3381701
Conc: 6.14 ng/ml



#35 AR-1260-5

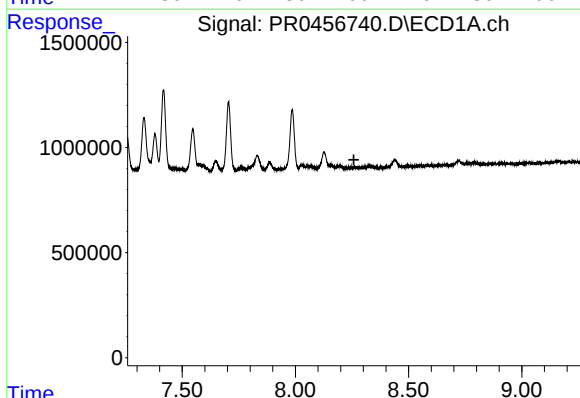
R.T.: 8.789 min
Delta R.T.: -0.003 min
Response: 326895
Conc: 1.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



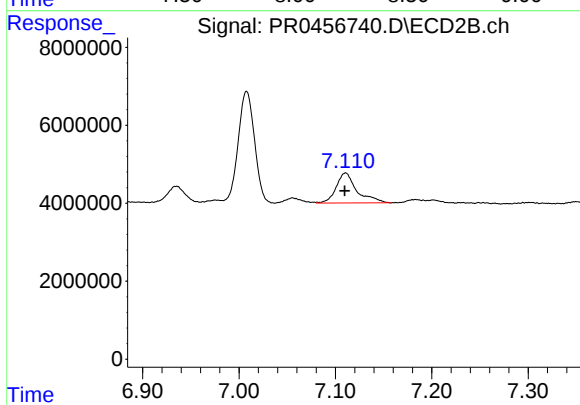
#35 AR-1260-5

R.T.: 7.629 min
Delta R.T.: -0.024 min
Response: 3130732
Conc: 2.15 ng/ml



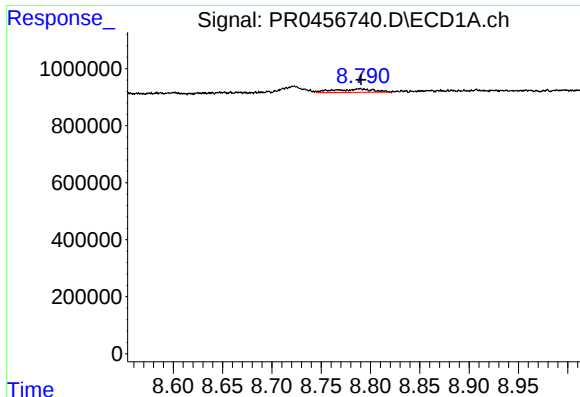
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.259 min
Response: 0
Conc: N.D.



#36 AR-1262-1

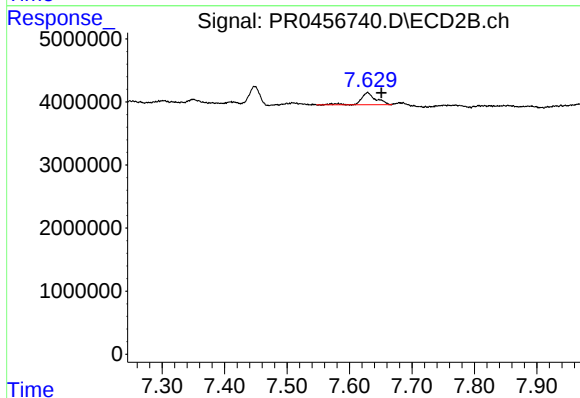
R.T.: 7.111 min
Delta R.T.: 0.001 min
Response: 11542336
Conc: 19.67 ng/ml



#37 AR-1262-2

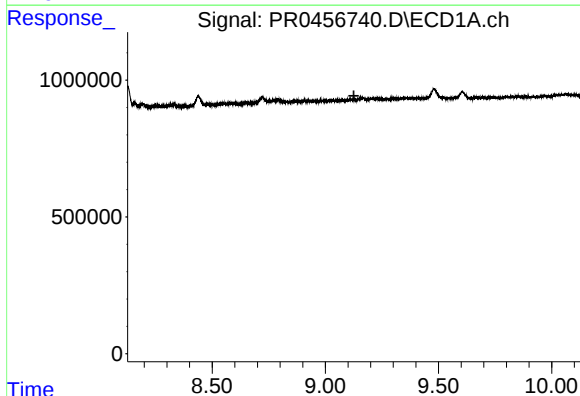
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 326895
Conc: 1.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



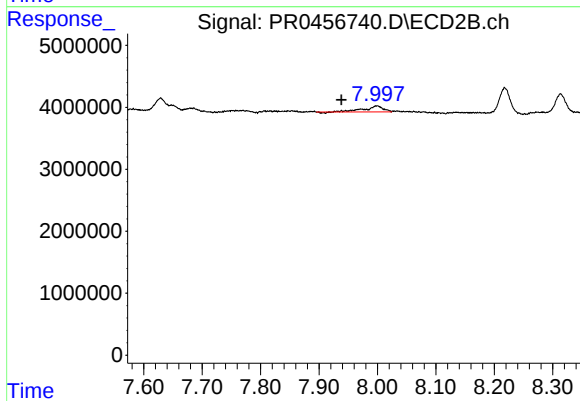
#37 AR-1262-2

R.T.: 7.629 min
Delta R.T.: -0.022 min
Response: 3130732
Conc: 1.41 ng/ml



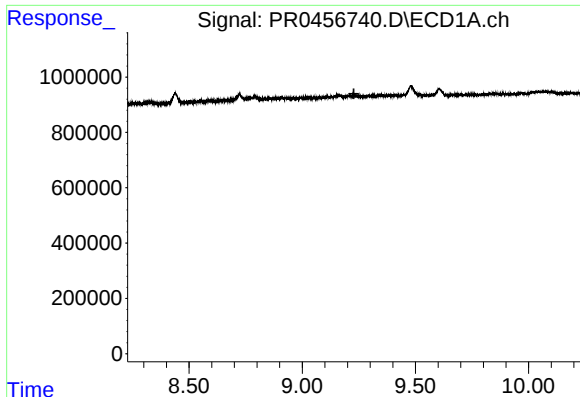
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.126 min
Response: 0
Conc: N.D.



#38 AR-1262-3

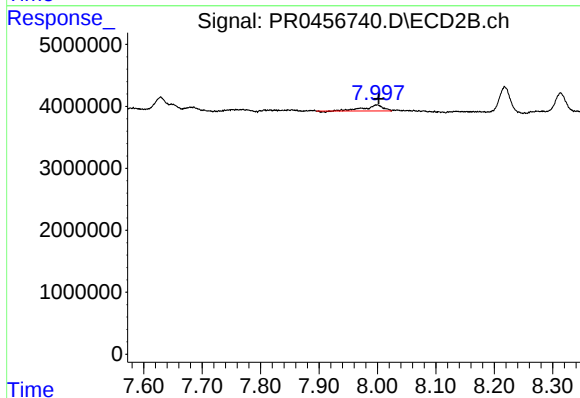
R.T.: 7.999 min
Delta R.T.: 0.061 min
Response: 2155500
Conc: 2.30 ng/ml



#39 AR-1262-4

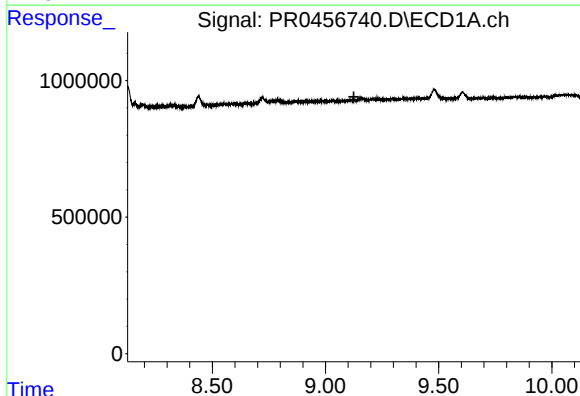
R.T.: 0.000 min
Exp R.T.: 9.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



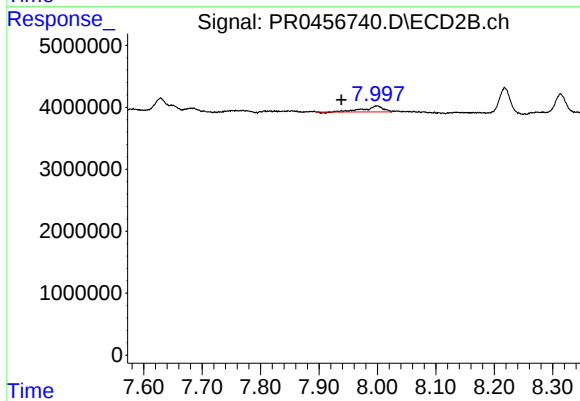
#39 AR-1262-4

R.T.: 7.999 min
Delta R.T.: -0.003 min
Response: 2155500
Conc: 1.29 ng/ml



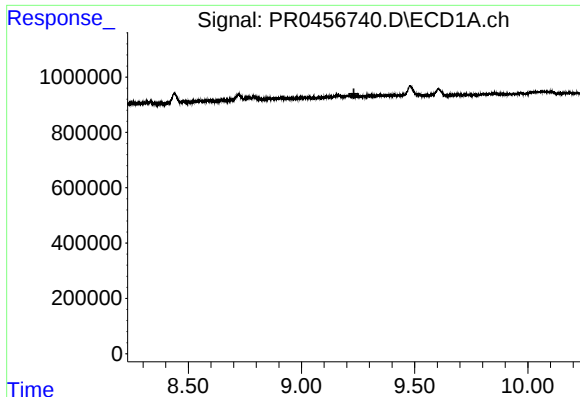
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.125 min
Response: 0
Conc: N.D.



#41 AR-1268-1

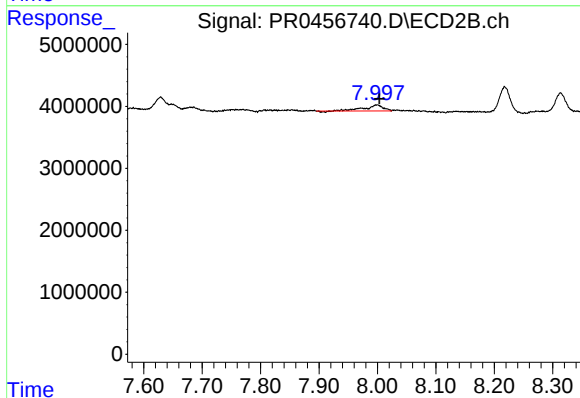
R.T.: 7.999 min
Delta R.T.: 0.061 min
Response: 2155500
Conc: 0.91 ng/ml



#42 AR-1268-2

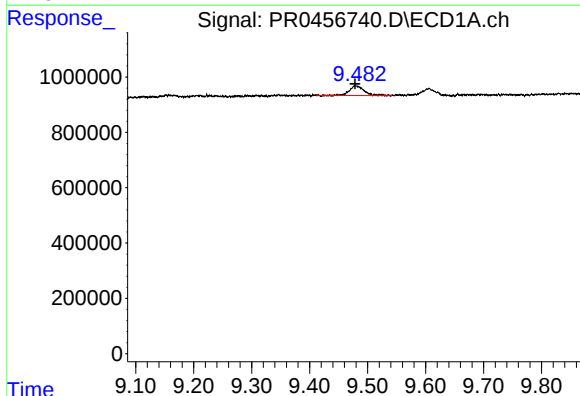
R.T.: 0.000 min
Exp R.T.: 9.232 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



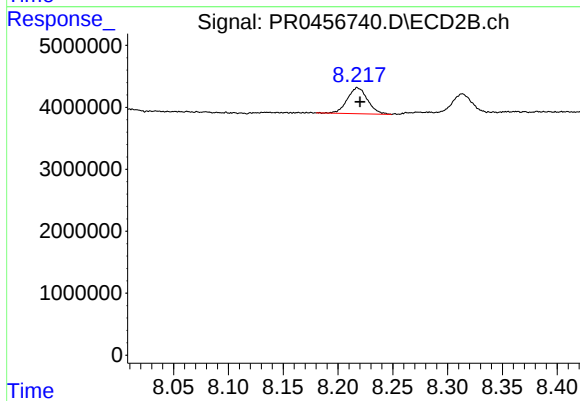
#42 AR-1268-2

R.T.: 7.999 min
Delta R.T.: -0.004 min
Response: 2155500
Conc: 0.95 ng/ml



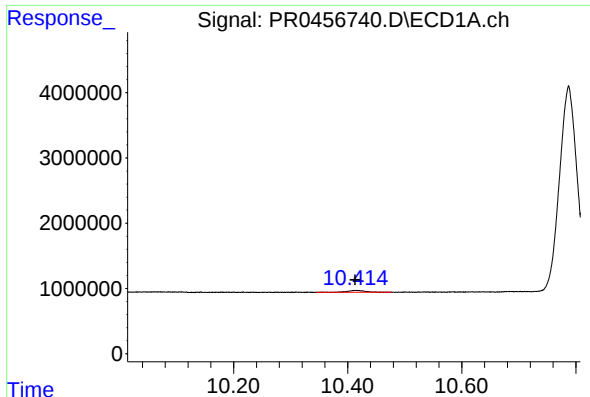
#43 AR-1268-3

R.T.: 9.480 min
Delta R.T.: 0.002 min
Response: 636345
Conc: 2.94 ng/ml



#43 AR-1268-3

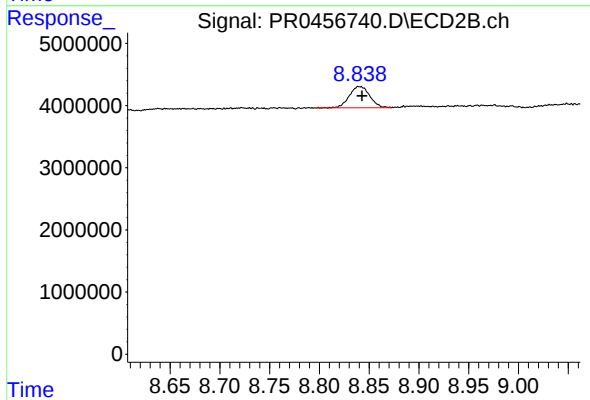
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 5410117
Conc: 2.85 ng/ml



#45 AR-1268-5

R.T.: 10.415 min
Delta R.T.: 0.002 min
Response: 629534
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.840 min
Delta R.T.: -0.003 min
Response: 4901325
Conc: 0.80 ng/ml