

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042121\
 Data File : PR050084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 12:43
 Operator : DD\AJ
 Sample : M2082-10DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 01:41:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040621CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 07 06:22:57 2021
 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...	4.636	3.820	37725242	58602893	8.480	7.941
2)	SA Decachlor...	10.511	8.851	66372244	85881125	10.057	10.276
Target Compounds							
3)	L1 AR-1016-1	5.836	0.000	2578649	0	12.154	N.D. #
4)	L1 AR-1016-2	5.836	0.000	2578649	0	8.567	N.D. #
5)	L1 AR-1016-3	5.929	5.145f	1123493	1954344	6.192	9.345 #
6)	L1 AR-1016-4	5.952f	5.145	444280	1954344	2.929	12.022 #
7)	L1 AR-1016-5	6.295	0.000	1087727	0	7.075	N.D. #
8)	L2 AR-1221-1	4.859	0.000	9875758	0	178.996	N.D. #
9)	L2 AR-1221-2	4.946	4.104	960528	11500139	23.933	197.849 #
10)	L2 AR-1221-3	5.025	4.193	3972264	5680982	29.648	28.917
11)	L3 AR-1232-1	5.025	4.193	3972264	5680982	37.376	36.908
13)	L3 AR-1232-3	5.836	5.145f	2578649	1954344	20.556	22.719
14)	L3 AR-1232-4	5.952f	5.217	444280	4053060	7.067	53.983 #
15)	L3 AR-1232-5	6.111	0.000	621012	0	12.481	N.D. #
16)	L4 AR-1242-1	5.836	0.000	2578649	0	13.501	N.D. #
17)	L4 AR-1242-2	5.836	0.000	2578649	0	9.625	N.D. #
18)	L4 AR-1242-3	5.929	5.145f	1123493	1954344	6.889	10.458 #
19)	L4 AR-1242-4	5.952f	5.217	444280	4053060	3.268	23.017 #
20)	L4 AR-1242-5	6.742	5.707	2631370	16559013	16.615	69.561 #
21)	L5 AR-1248-1	5.836	0.000	2578649	0	20.108	N.D. #
22)	L5 AR-1248-2	6.111	5.145	621012	1954344	3.361	8.694 #
23)	L5 AR-1248-3	6.295	5.217	1087727	4053060	5.208	16.965 #
24)	L5 AR-1248-4	6.703	0.000	1734590	0	6.927	N.D. #
25)	L5 AR-1248-5	6.742	5.707f	2631370	16559013	10.869	54.152 #
26)	L6 AR-1254-1	6.671	5.707	12765507	16559013	36.488	25.306 #
27)	L6 AR-1254-2	6.888	5.853	38566042	42650650	69.393	75.848
28)	L6 AR-1254-3	7.260	6.270	35496671	122.4E6	56.655	124.390 #
29)	L6 AR-1254-4	7.546	6.481	34581571	20922780	71.964	34.632 #
30)	L6 AR-1254-5	7.967	6.899	568.4E6	662.7E6	1063.298	760.485 #
31)	L7 AR-1260-1	7.421	6.385	212.4E6	272.4E6	747.110	675.982
32)	L7 AR-1260-2	7.679	6.571	401.0E6	516.7E6	1142.789	1051.663
33)	L7 AR-1260-3	8.038	6.725	211.6E6	262.4E6	773.250	557.588 #
34)	L7 AR-1260-4	8.273	7.197	281.7E6	294.1E6	868.402	731.102
35)	L7 AR-1260-5	8.610	7.435	535.1E6	763.0E6	788.888	763.462
36)	L8 AR-1262-1	8.038	6.899	211.6E6	662.7E6	431.181	1858.564 #
37)	L8 AR-1262-2	8.610	7.435	535.1E6	763.0E6	566.554	582.831
38)	L8 AR-1262-3	8.958	7.720	367.7E6	161.6E6	588.944	331.112 #
39)	L8 AR-1262-4	9.010	7.782	180.3E6	601.6E6	390.618	626.181 #
40)	L8 AR-1262-5	9.725	8.283	105.8E6	157.1E6	313.983	363.128
41)	L9 AR-1268-1	8.958	7.720	367.7E6	161.6E6	357.139	117.841 #
42)	L9 AR-1268-2	9.010	7.782	180.3E6	601.6E6	192.489	471.865 #

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 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	9.259	7.993	15487940	8589557	19.387	8.079 #
44) L9	AR-1268-4	9.725	8.283	105.8E6	157.1E6	301.850	346.369
45) L9	AR-1268-5	10.158	8.585	32322806	36562611	11.747	10.550

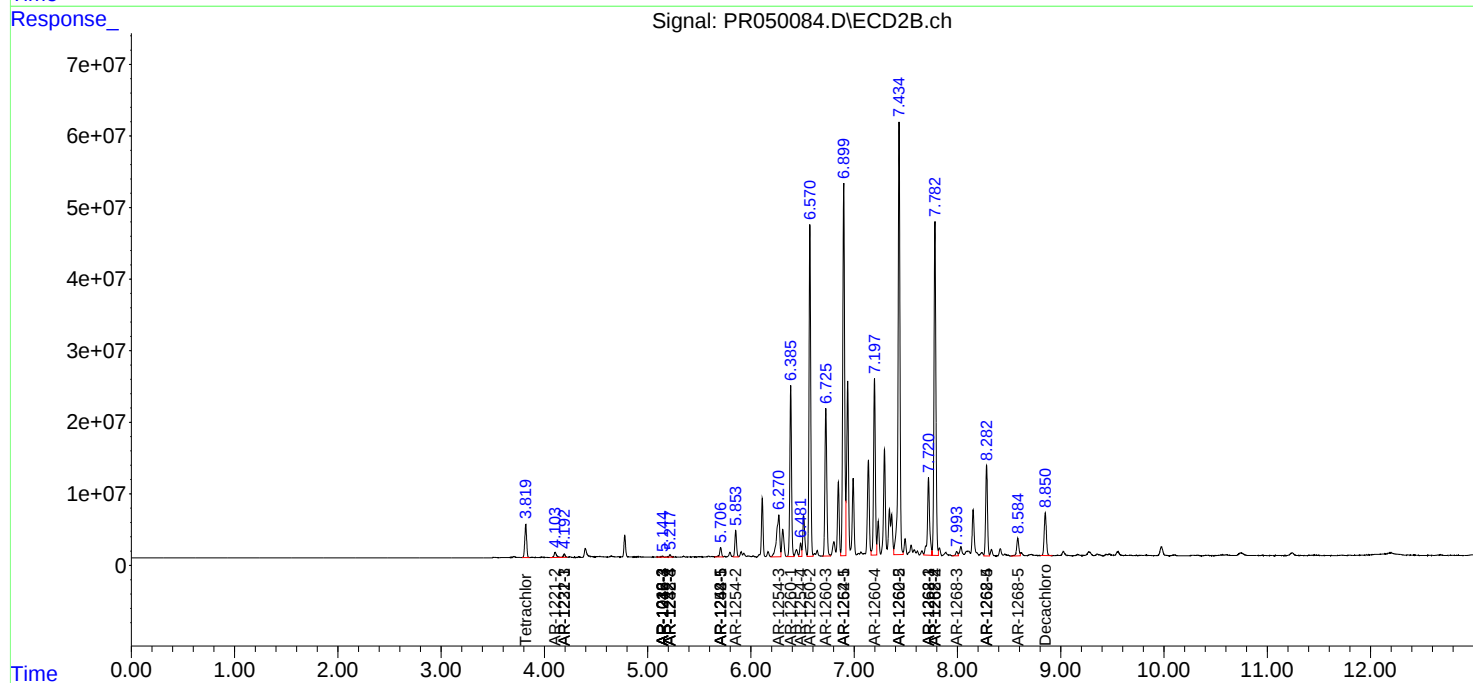
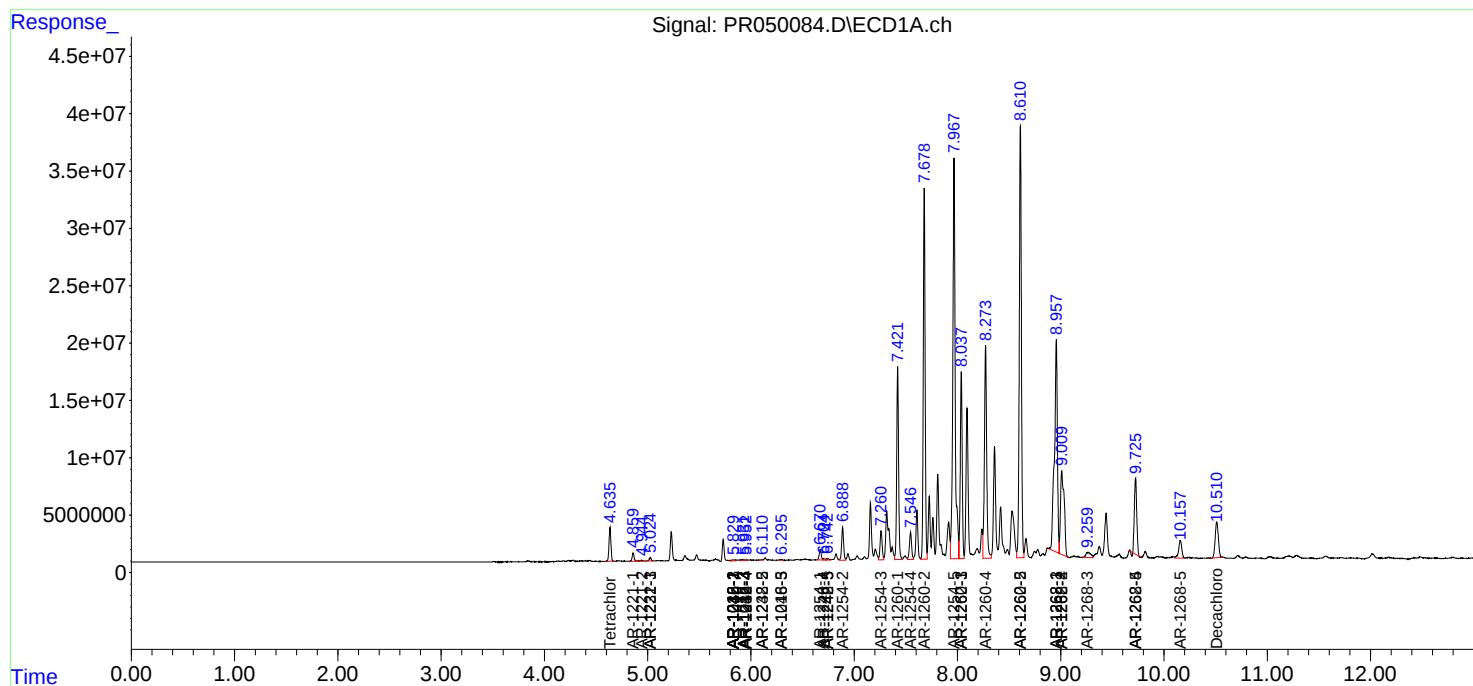
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

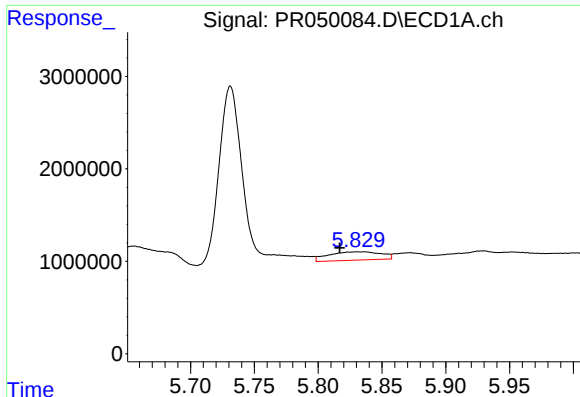
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Integrator: ChemStation

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

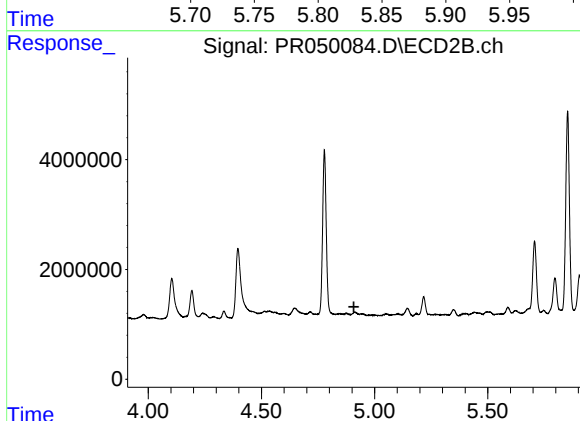




#3 AR-1016-1

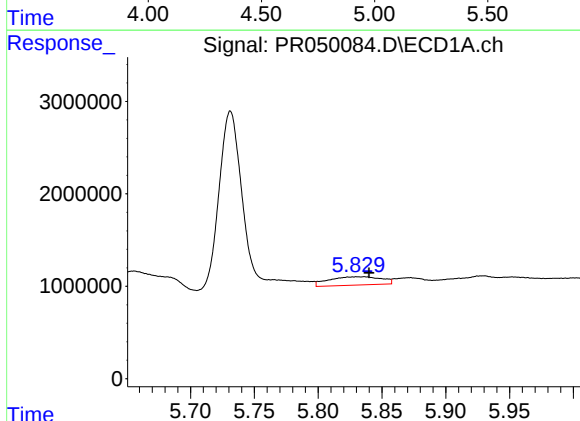
R.T.: 5.836 min
Delta R.T.: 0.019 min
Response: 2578649
Conc: 12.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



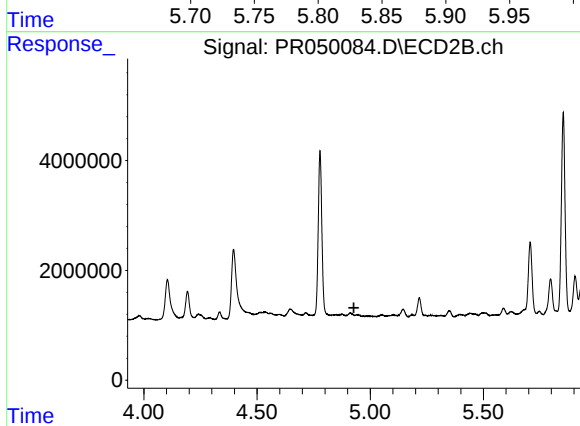
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



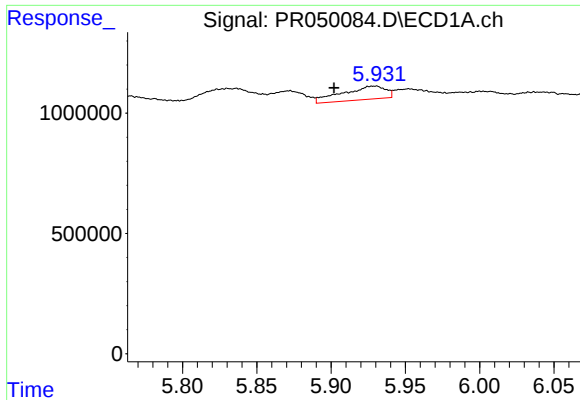
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: -0.004 min
Response: 2578649
Conc: 8.57 ng/ml



#4 AR-1016-2

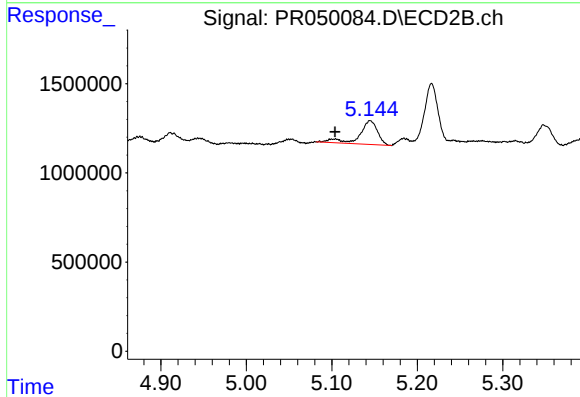
R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#5 AR-1016-3

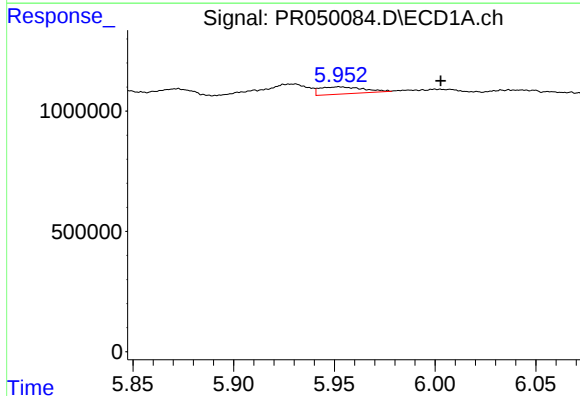
R.T.: 5.929 min
Delta R.T.: 0.027 min
Response: 1123493
Conc: 6.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



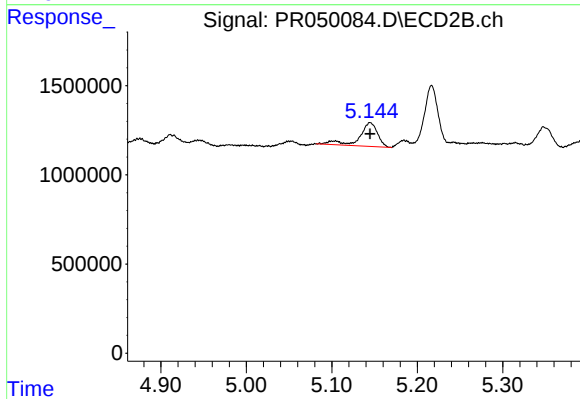
#5 AR-1016-3

R.T.: 5.145 min
Delta R.T.: 0.041 min
Response: 1954344
Conc: 9.34 ng/ml



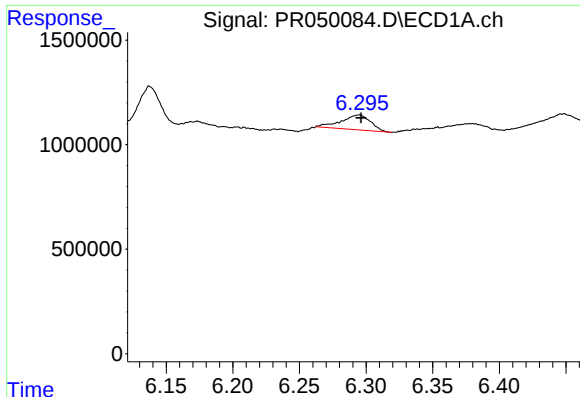
#6 AR-1016-4

R.T.: 5.952 min
Delta R.T.: -0.050 min
Response: 444280
Conc: 2.93 ng/ml



#6 AR-1016-4

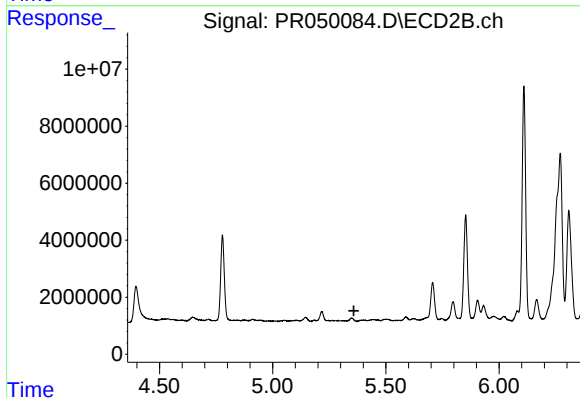
R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 1954344
Conc: 12.02 ng/ml



#7 AR-1016-5

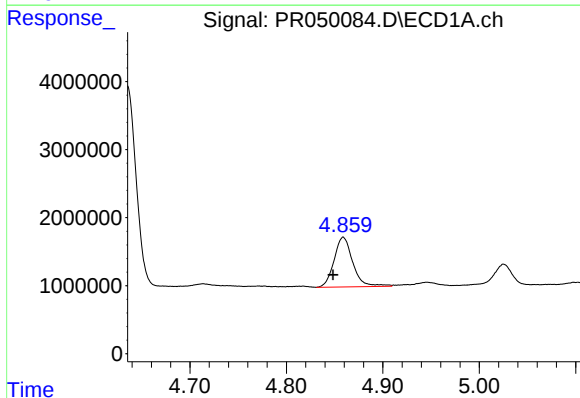
R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 1087727
Conc: 7.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



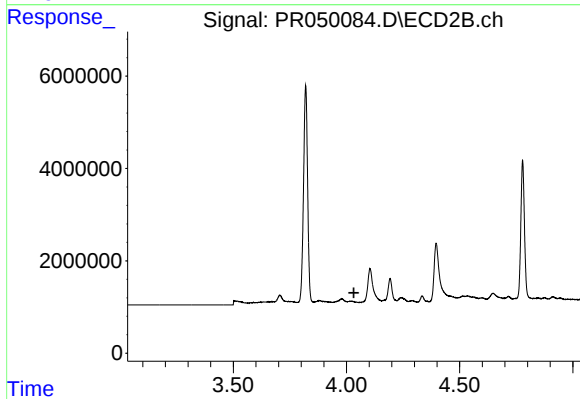
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.359 min
Response: 0
Conc: N.D.



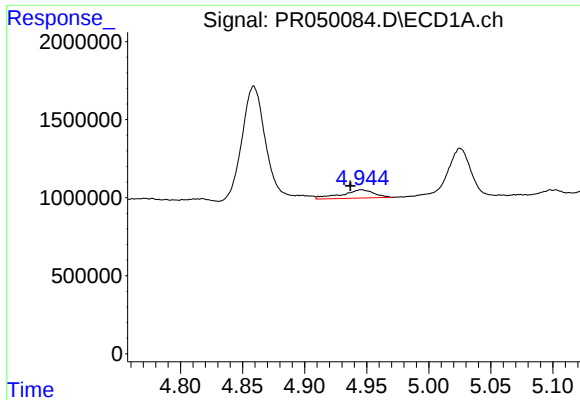
#8 AR-1221-1

R.T.: 4.859 min
Delta R.T.: 0.011 min
Response: 9875758
Conc: 179.00 ng/ml



#8 AR-1221-1

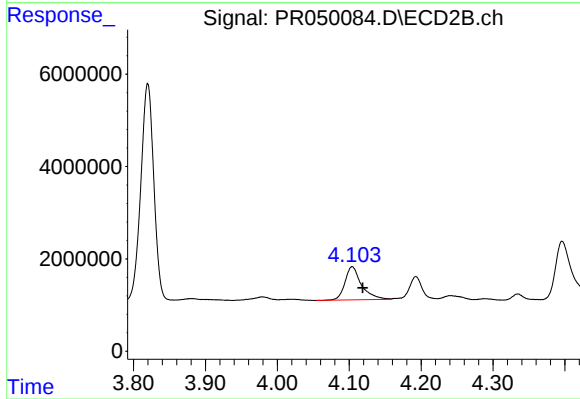
R.T.: 0.000 min
Exp R.T. : 4.033 min
Response: 0
Conc: N.D.



#9 AR-1221-2

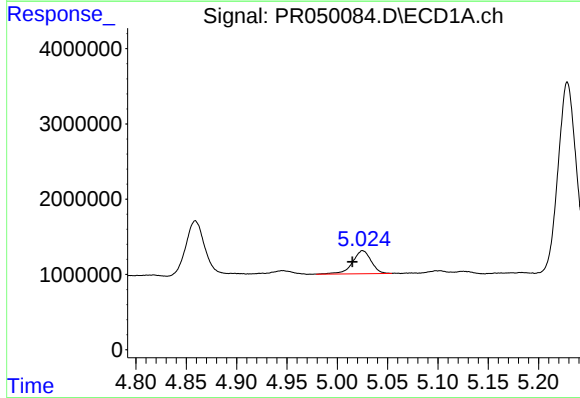
R.T.: 4.946 min
Delta R.T.: 0.009 min
Response: 960528
Conc: 23.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



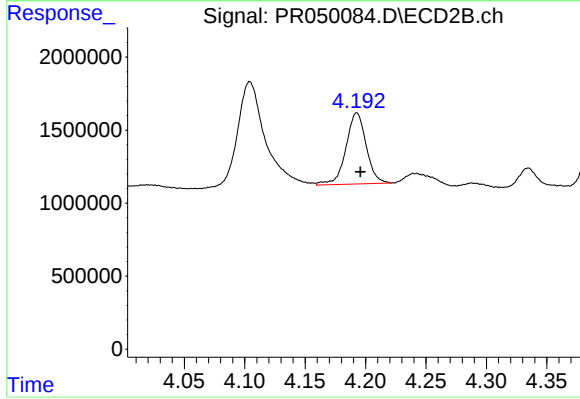
#9 AR-1221-2

R.T.: 4.104 min
Delta R.T.: -0.015 min
Response: 11500139
Conc: 197.85 ng/ml



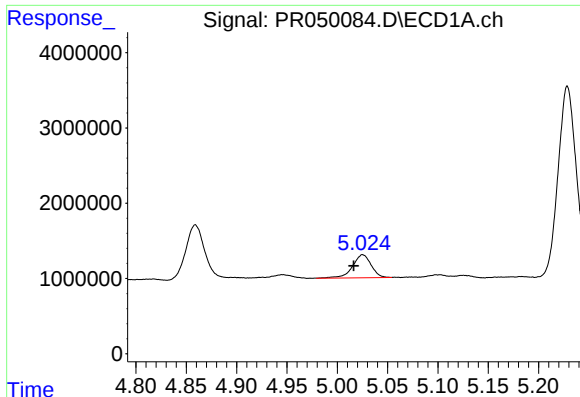
#10 AR-1221-3

R.T.: 5.025 min
Delta R.T.: 0.010 min
Response: 3972264
Conc: 29.65 ng/ml



#10 AR-1221-3

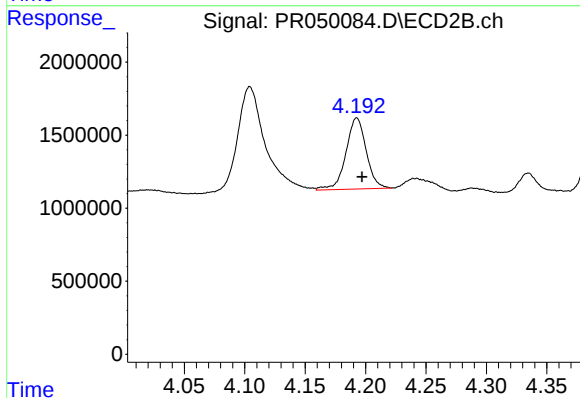
R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 5680982
Conc: 28.92 ng/ml



#11 AR-1232-1

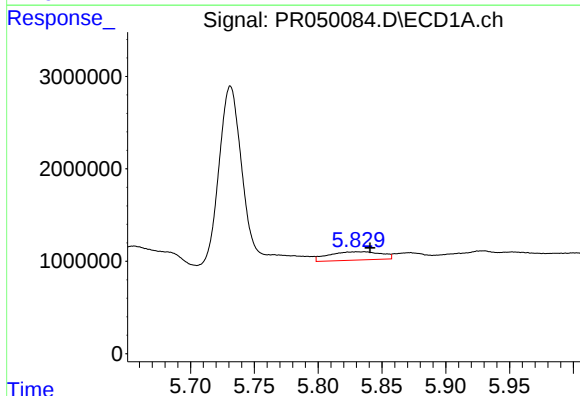
R.T.: 5.025 min
Delta R.T.: 0.009 min
Response: 3972264
Conc: 37.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



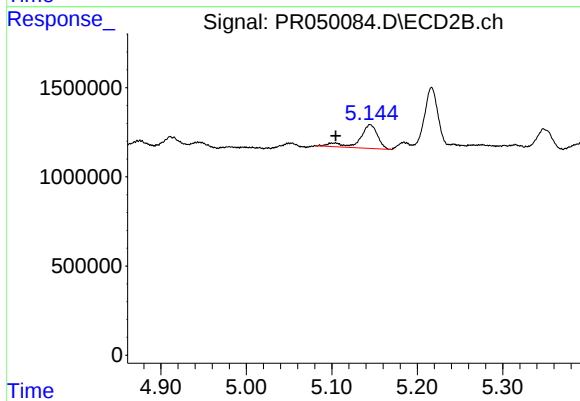
#11 AR-1232-1

R.T.: 4.193 min
Delta R.T.: -0.004 min
Response: 5680982
Conc: 36.91 ng/ml



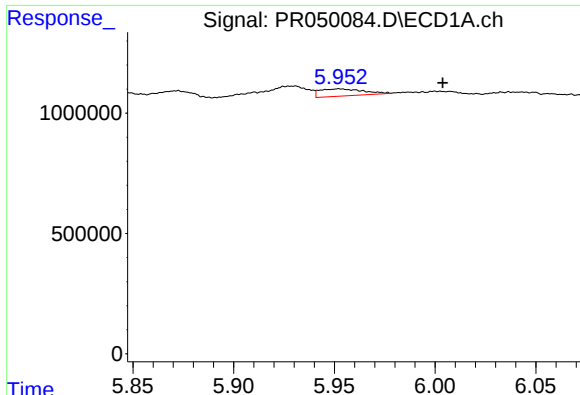
#13 AR-1232-3

R.T.: 5.836 min
Delta R.T.: -0.005 min
Response: 2578649
Conc: 20.56 ng/ml



#13 AR-1232-3

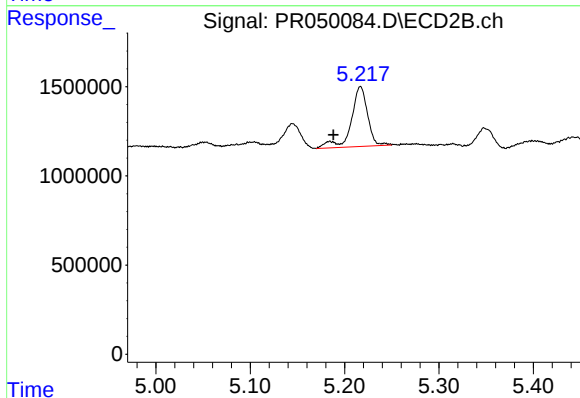
R.T.: 5.145 min
Delta R.T.: 0.040 min
Response: 1954344
Conc: 22.72 ng/ml



#14 AR-1232-4

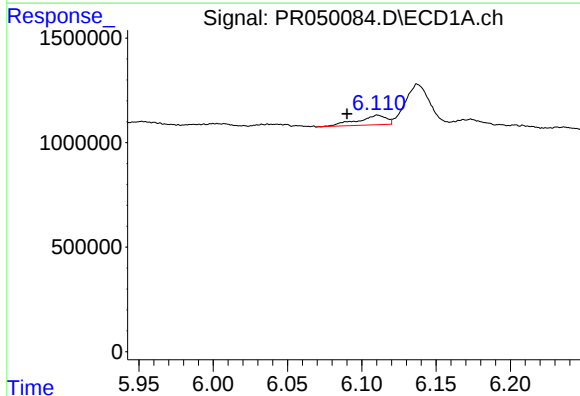
R.T.: 5.952 min
Delta R.T.: -0.051 min
Response: 444280
Conc: 7.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



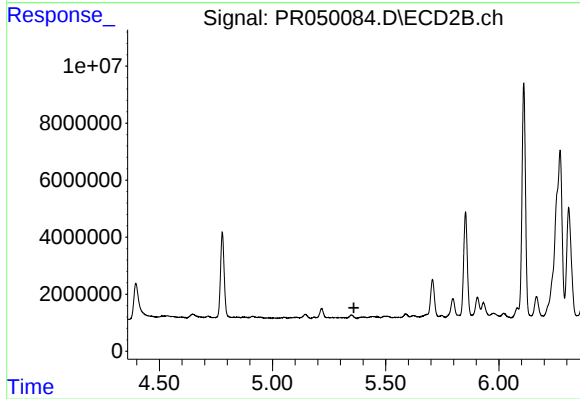
#14 AR-1232-4

R.T.: 5.217 min
Delta R.T.: 0.029 min
Response: 4053060
Conc: 53.98 ng/ml



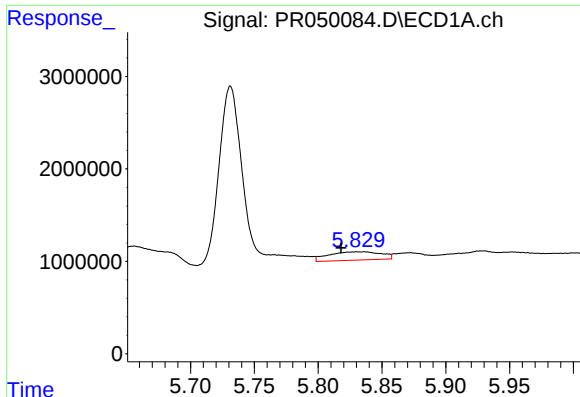
#15 AR-1232-5

R.T.: 6.111 min
Delta R.T.: 0.021 min
Response: 621012
Conc: 12.48 ng/ml



#15 AR-1232-5

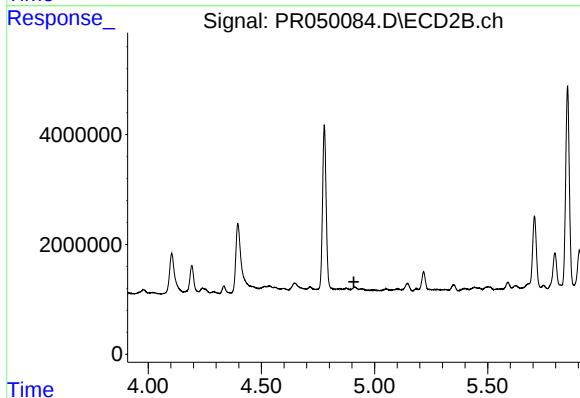
R.T.: 0.000 min
Exp R.T.: 5.359 min
Response: 0
Conc: N.D.



#16 AR-1242-1

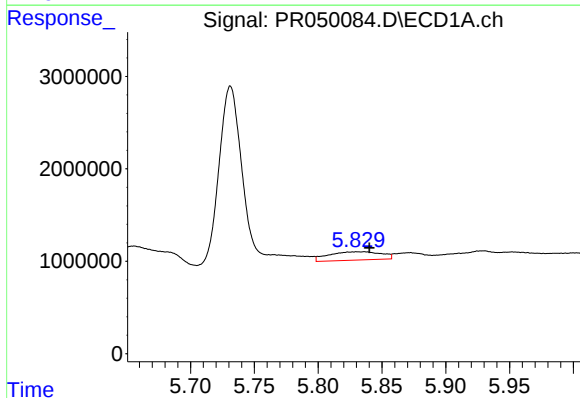
R.T.: 5.836 min
Delta R.T.: 0.018 min
Response: 2578649
Conc: 13.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



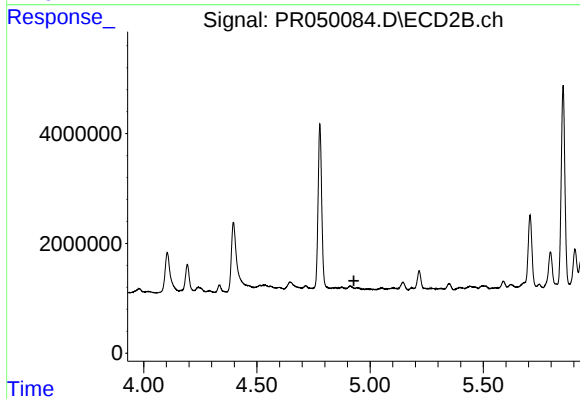
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



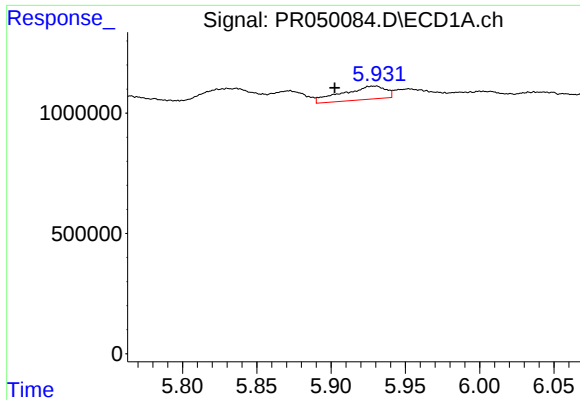
#17 AR-1242-2

R.T.: 5.836 min
Delta R.T.: -0.004 min
Response: 2578649
Conc: 9.62 ng/ml



#17 AR-1242-2

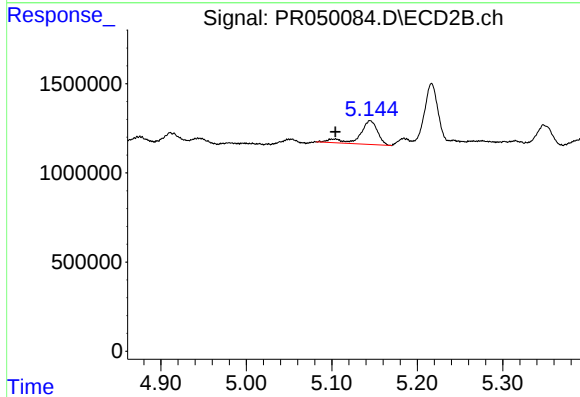
R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#18 AR-1242-3

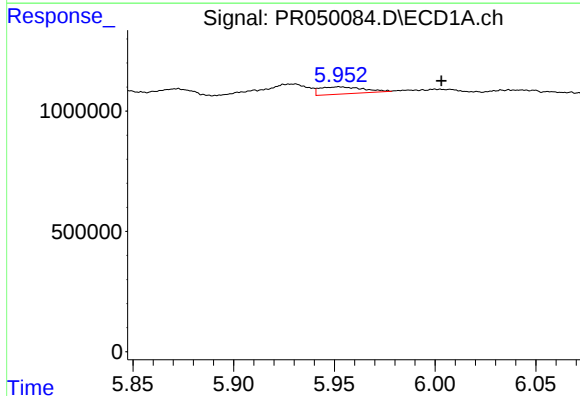
R.T.: 5.929 min
Delta R.T.: 0.027 min
Response: 1123493
Conc: 6.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



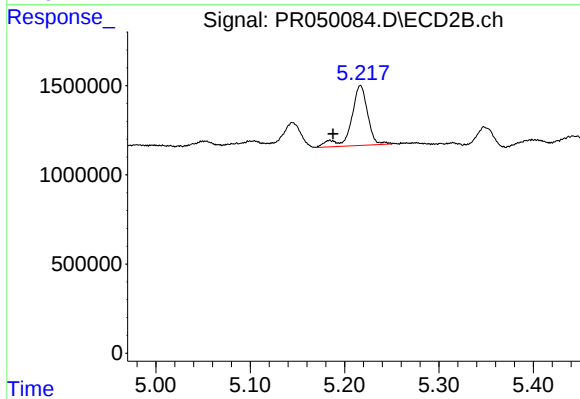
#18 AR-1242-3

R.T.: 5.145 min
Delta R.T.: 0.041 min
Response: 1954344
Conc: 10.46 ng/ml



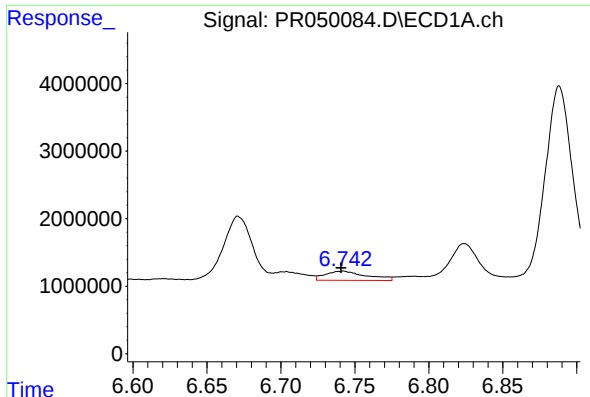
#19 AR-1242-4

R.T.: 5.952 min
Delta R.T.: -0.051 min
Response: 444280
Conc: 3.27 ng/ml



#19 AR-1242-4

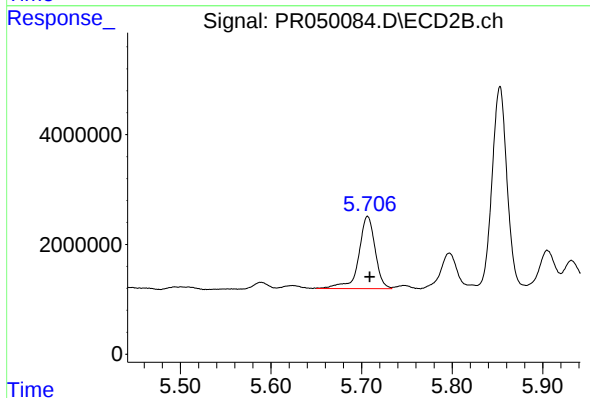
R.T.: 5.217 min
Delta R.T.: 0.029 min
Response: 4053060
Conc: 23.02 ng/ml



#20 AR-1242-5

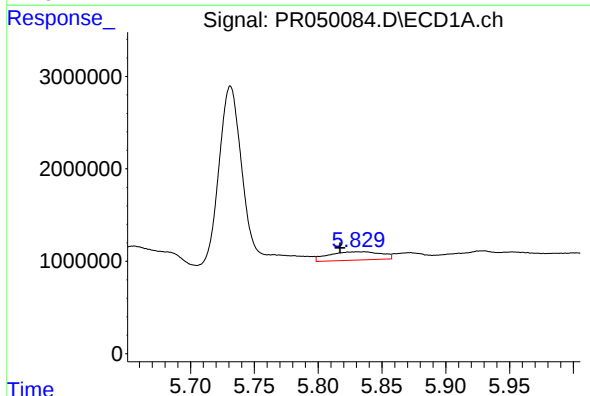
R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 2631370
Conc: 16.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



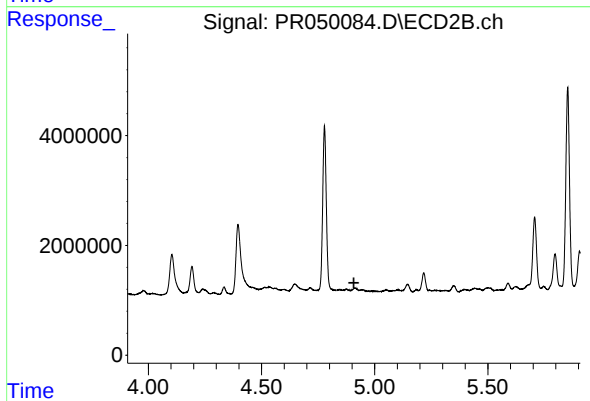
#20 AR-1242-5

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 16559013
Conc: 69.56 ng/ml



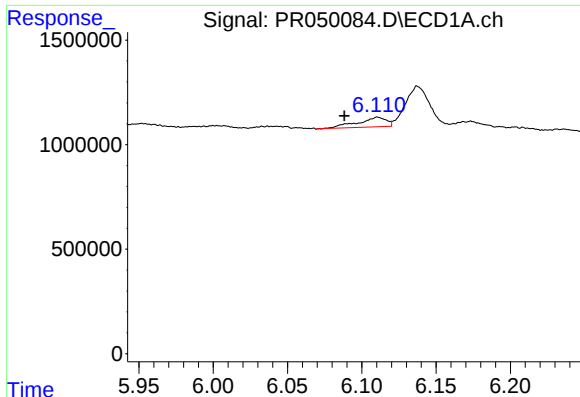
#21 AR-1248-1

R.T.: 5.836 min
Delta R.T.: 0.019 min
Response: 2578649
Conc: 20.11 ng/ml



#21 AR-1248-1

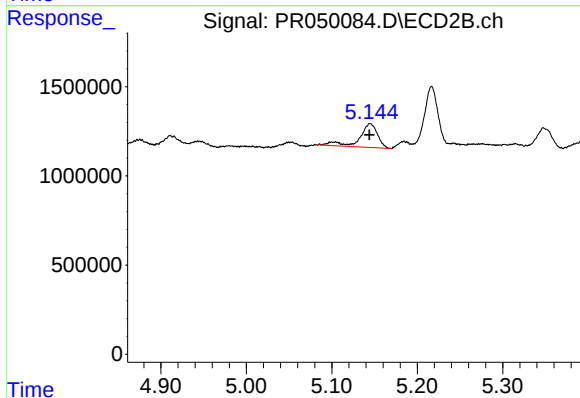
R.T.: 0.000 min
Exp R.T.: 4.908 min
Response: 0
Conc: N.D.



#22 AR-1248-2

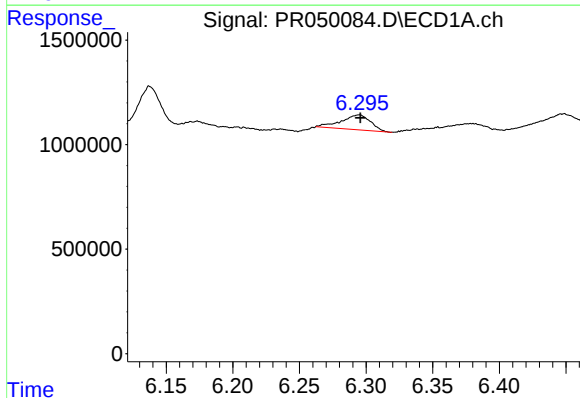
R.T.: 6.111 min
Delta R.T.: 0.023 min
Response: 621012
Conc: 3.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



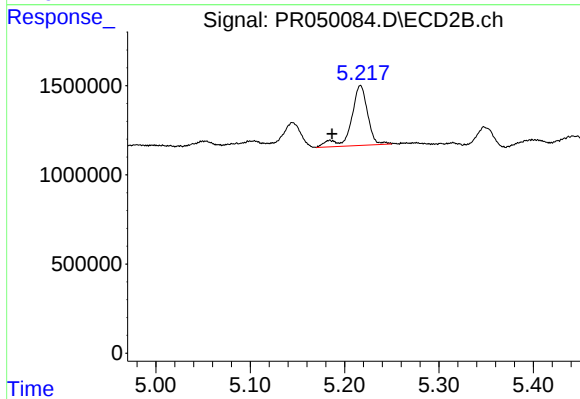
#22 AR-1248-2

R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 1954344
Conc: 8.69 ng/ml



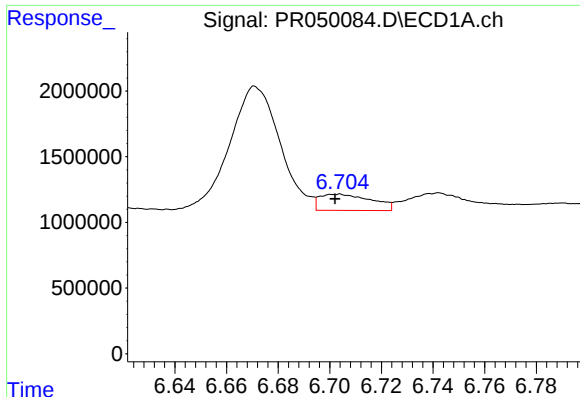
#23 AR-1248-3

R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 1087727
Conc: 5.21 ng/ml



#23 AR-1248-3

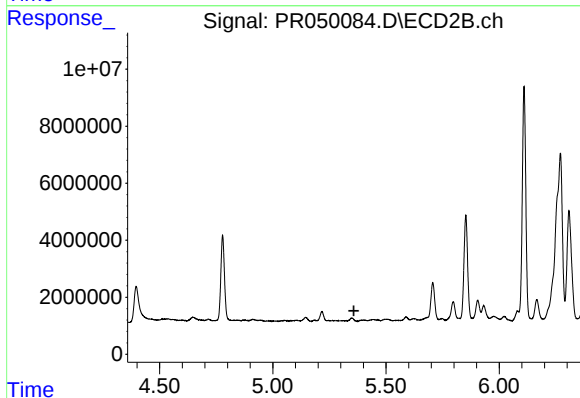
R.T.: 5.217 min
Delta R.T.: 0.030 min
Response: 4053060
Conc: 16.96 ng/ml



#24 AR-1248-4

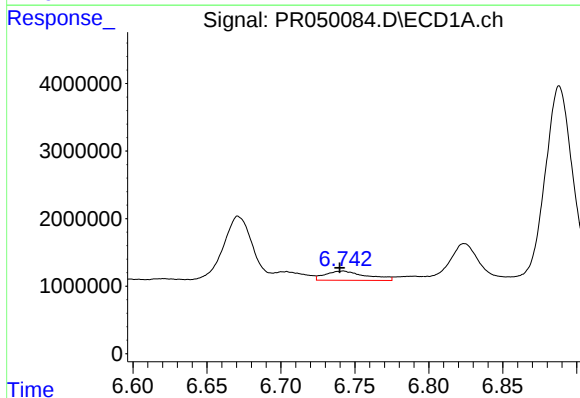
R.T.: 6.703 min
Delta R.T.: 0.001 min
Response: 1734590
Conc: 6.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



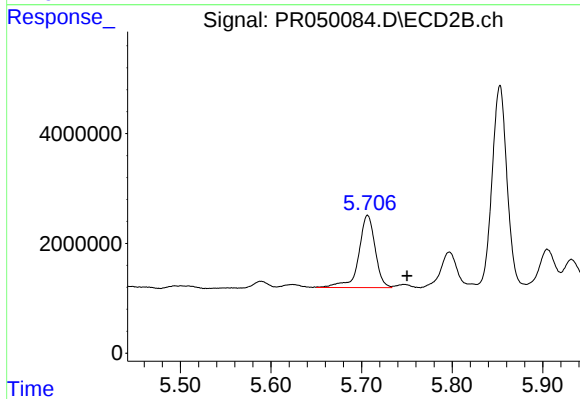
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.358 min
Response: 0
Conc: N.D.



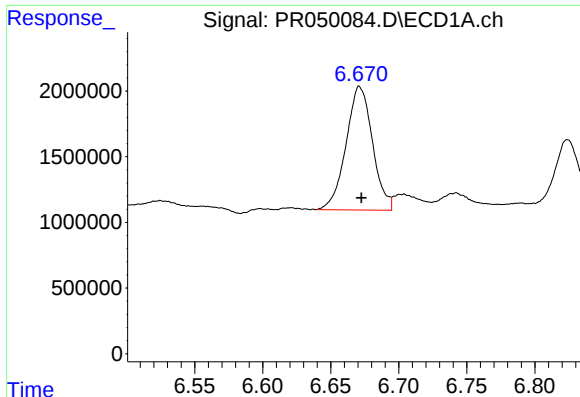
#25 AR-1248-5

R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 2631370
Conc: 10.87 ng/ml



#25 AR-1248-5

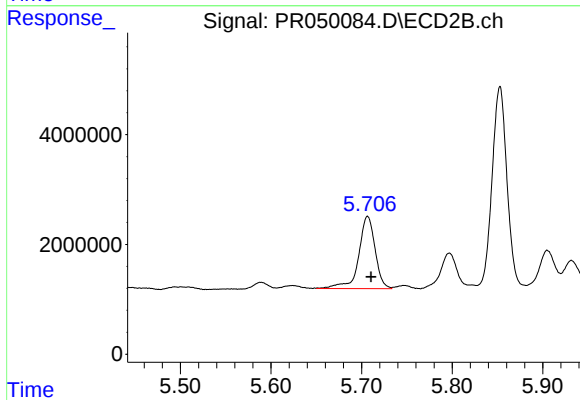
R.T.: 5.707 min
Delta R.T.: -0.043 min
Response: 16559013
Conc: 54.15 ng/ml



#26 AR-1254-1

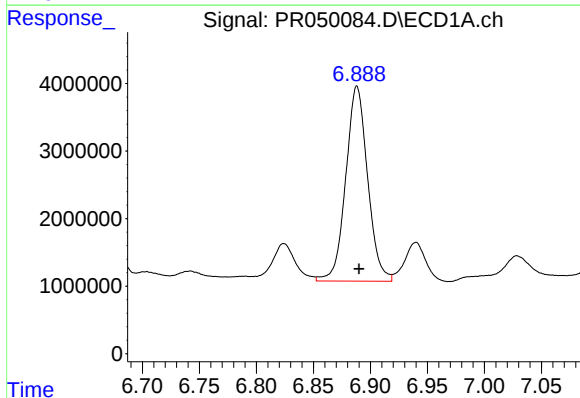
R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 12765507
Conc: 36.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



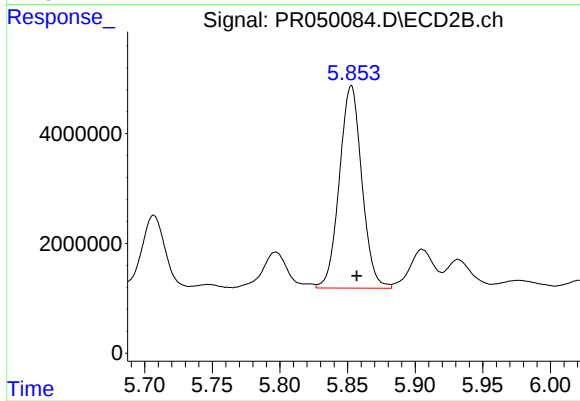
#26 AR-1254-1

R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 16559013
Conc: 25.31 ng/ml



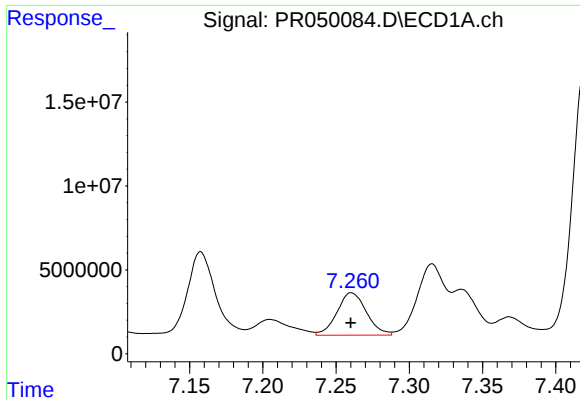
#27 AR-1254-2

R.T.: 6.888 min
Delta R.T.: -0.002 min
Response: 38566042
Conc: 69.39 ng/ml



#27 AR-1254-2

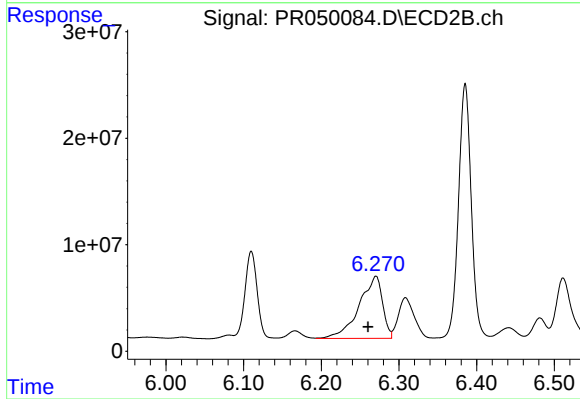
R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 42650650
Conc: 75.85 ng/ml



#28 AR-1254-3

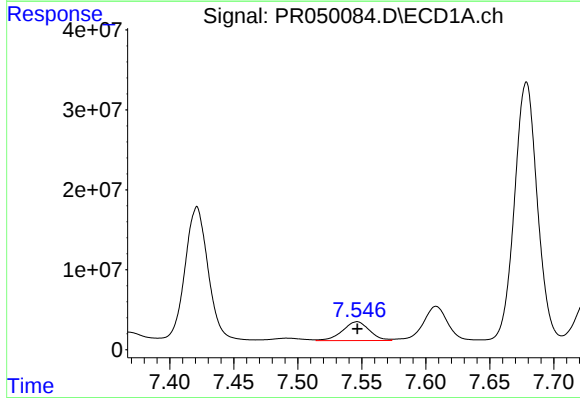
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 35496671
Conc: 56.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



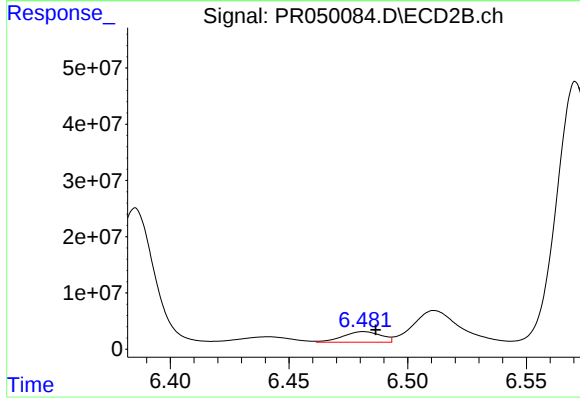
#28 AR-1254-3

R.T.: 6.270 min
Delta R.T.: 0.010 min
Response: 122420174
Conc: 124.39 ng/ml



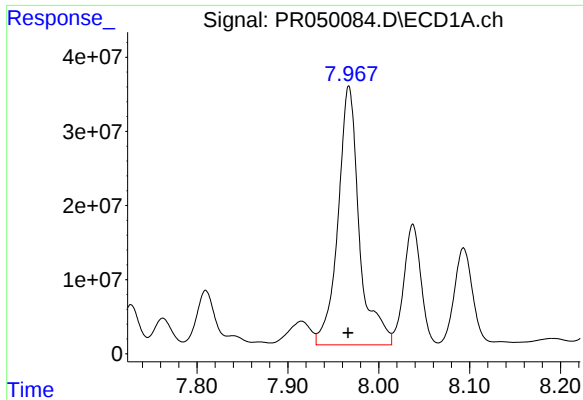
#29 AR-1254-4

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 34581571
Conc: 71.96 ng/ml



#29 AR-1254-4

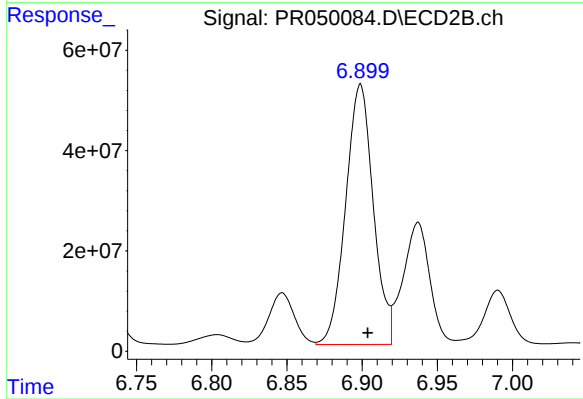
R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 20922780
Conc: 34.63 ng/ml



#30 AR-1254-5

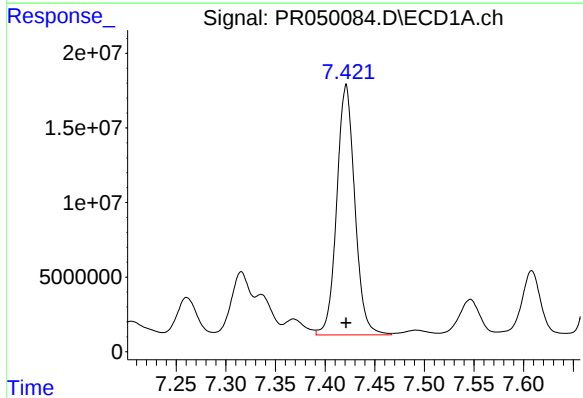
R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 568418457
Conc: 1063.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



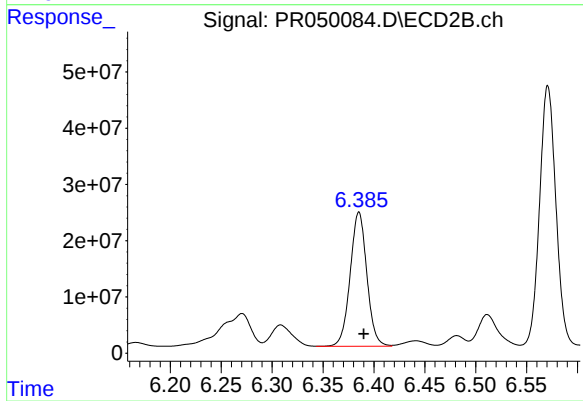
#30 AR-1254-5

R.T.: 6.899 min
Delta R.T.: -0.005 min
Response: 662681731
Conc: 760.49 ng/ml



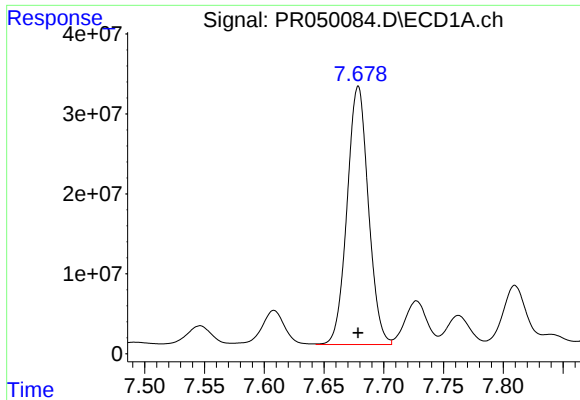
#31 AR-1260-1

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 212441049
Conc: 747.11 ng/ml



#31 AR-1260-1

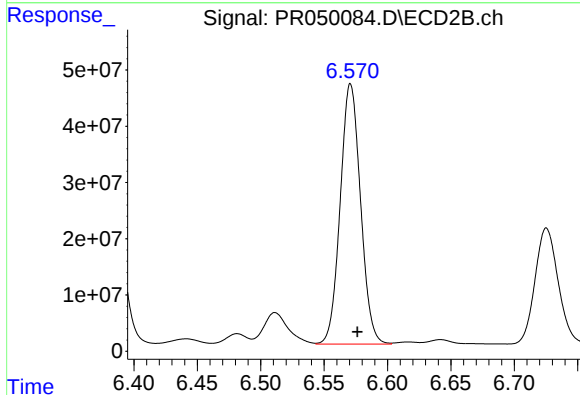
R.T.: 6.385 min
Delta R.T.: -0.005 min
Response: 272413350
Conc: 675.98 ng/ml



#32 AR-1260-2

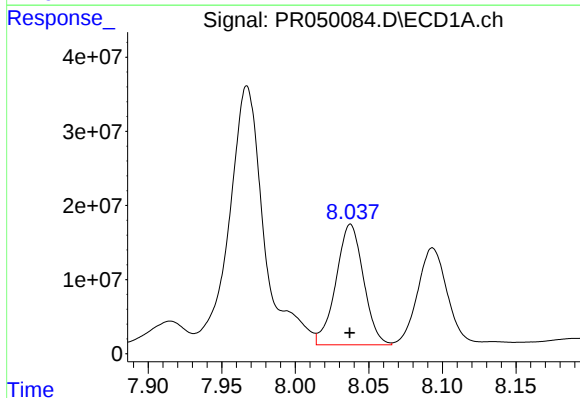
R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 400962843
Conc: 1142.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



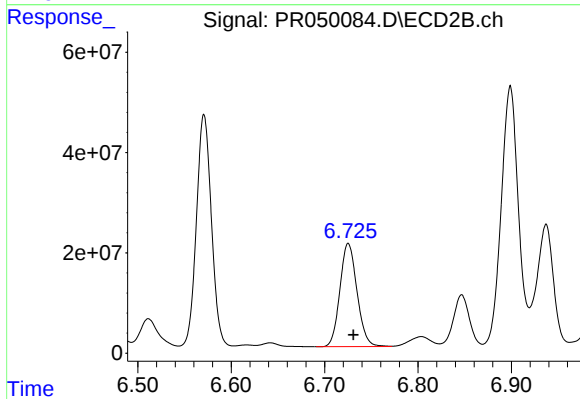
#32 AR-1260-2

R.T.: 6.571 min
Delta R.T.: -0.005 min
Response: 516657541
Conc: 1051.66 ng/ml



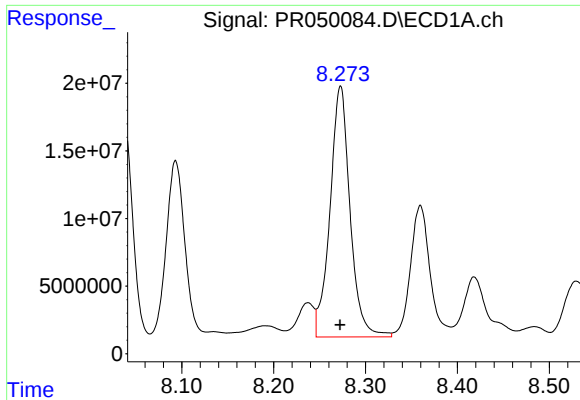
#33 AR-1260-3

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 211638955
Conc: 773.25 ng/ml



#33 AR-1260-3

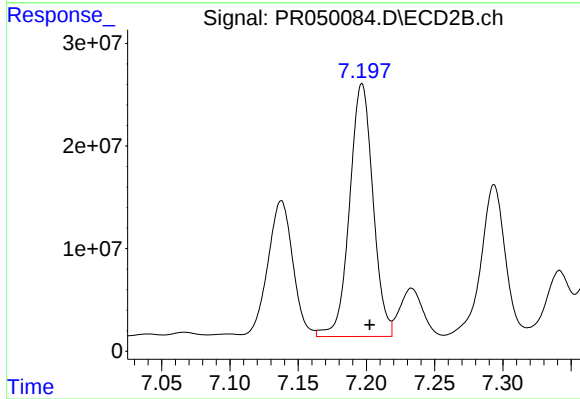
R.T.: 6.725 min
Delta R.T.: -0.006 min
Response: 262435984
Conc: 557.59 ng/ml



#34 AR-1260-4

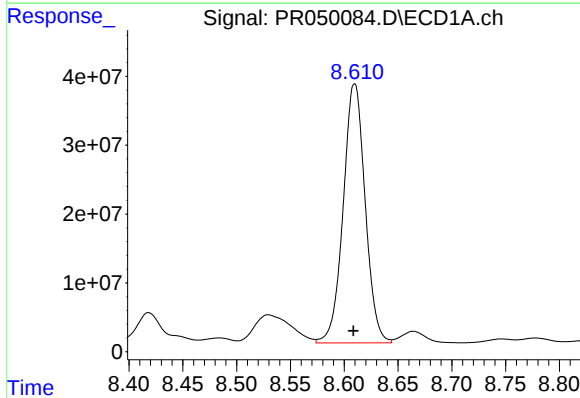
R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 281698109
Conc: 868.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



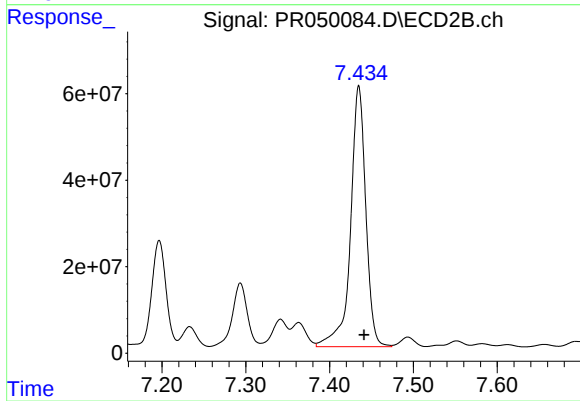
#34 AR-1260-4

R.T.: 7.197 min
Delta R.T.: -0.006 min
Response: 294114935
Conc: 731.10 ng/ml



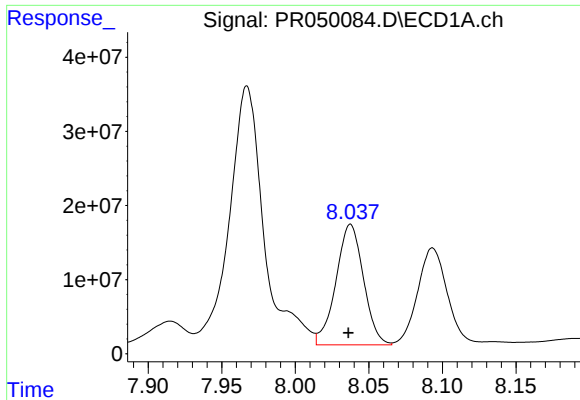
#35 AR-1260-5

R.T.: 8.610 min
Delta R.T.: 0.001 min
Response: 535068036
Conc: 788.89 ng/ml



#35 AR-1260-5

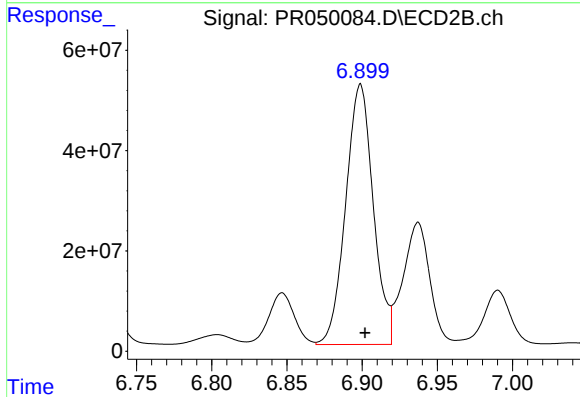
R.T.: 7.435 min
Delta R.T.: -0.006 min
Response: 762973461
Conc: 763.46 ng/ml



#36 AR-1262-1

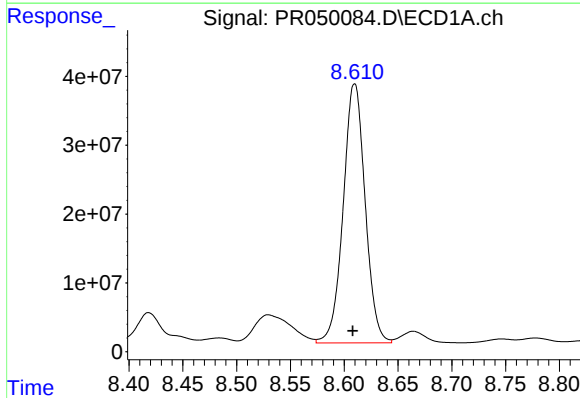
R.T.: 8.038 min
Delta R.T.: 0.001 min
Response: 211638955
Conc: 431.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



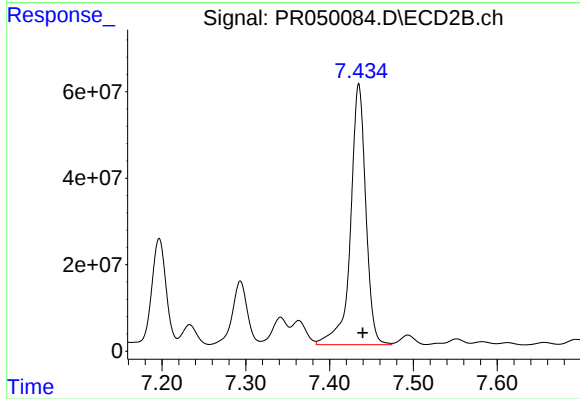
#36 AR-1262-1

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 662681731
Conc: 1858.56 ng/ml



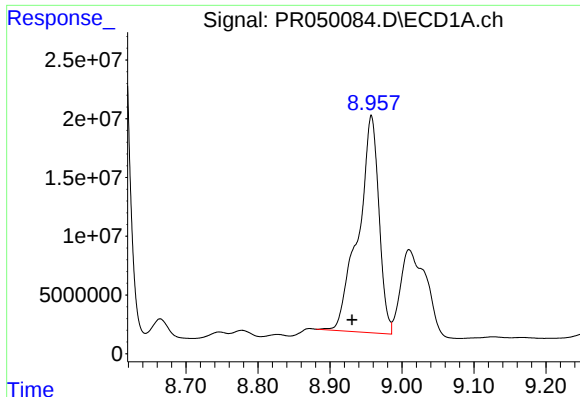
#37 AR-1262-2

R.T.: 8.610 min
Delta R.T.: 0.002 min
Response: 535068036
Conc: 566.55 ng/ml



#37 AR-1262-2

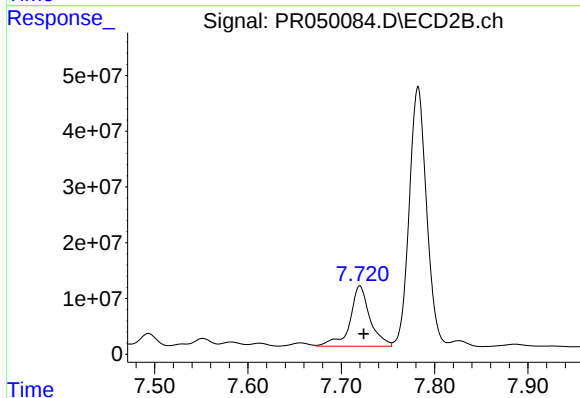
R.T.: 7.435 min
Delta R.T.: -0.005 min
Response: 762973461
Conc: 582.83 ng/ml



#38 AR-1262-3

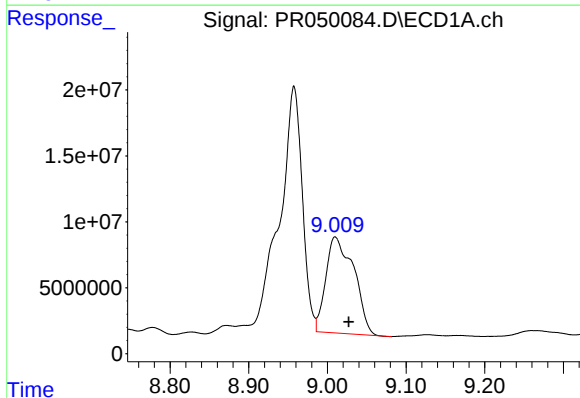
R.T.: 8.958 min
Delta R.T.: 0.027 min
Response: 367682190
Conc: 588.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



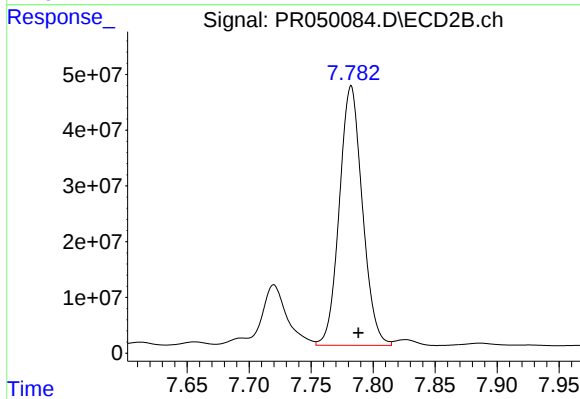
#38 AR-1262-3

R.T.: 7.720 min
Delta R.T.: -0.004 min
Response: 161617943
Conc: 331.11 ng/ml



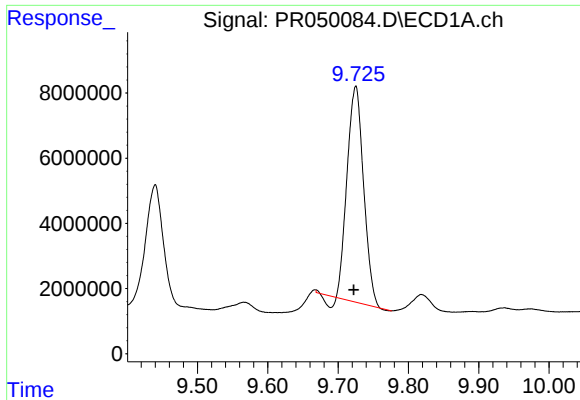
#39 AR-1262-4

R.T.: 9.010 min
Delta R.T.: -0.017 min
Response: 180286277
Conc: 390.62 ng/ml



#39 AR-1262-4

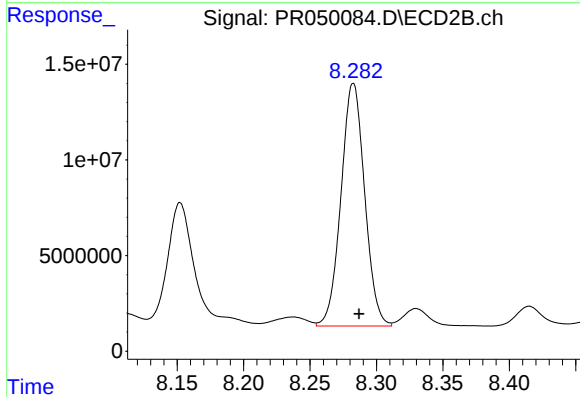
R.T.: 7.782 min
Delta R.T.: -0.006 min
Response: 601628108
Conc: 626.18 ng/ml



#40 AR-1262-5

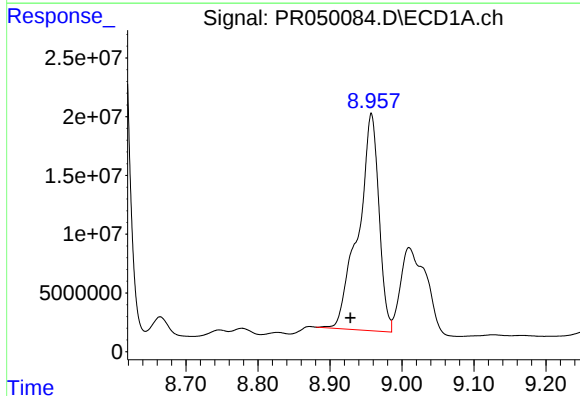
R.T.: 9.725 min
Delta R.T.: 0.003 min
Response: 105840592
Conc: 313.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



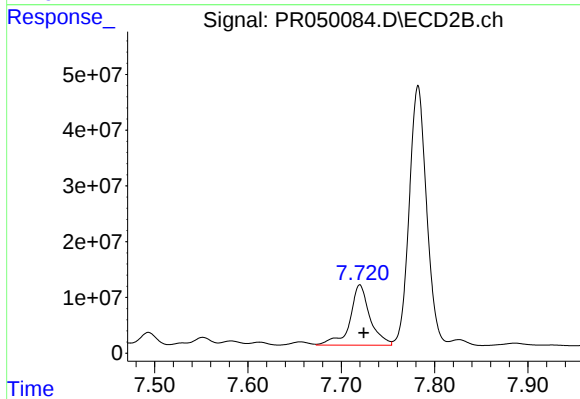
#40 AR-1262-5

R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 157147980
Conc: 363.13 ng/ml



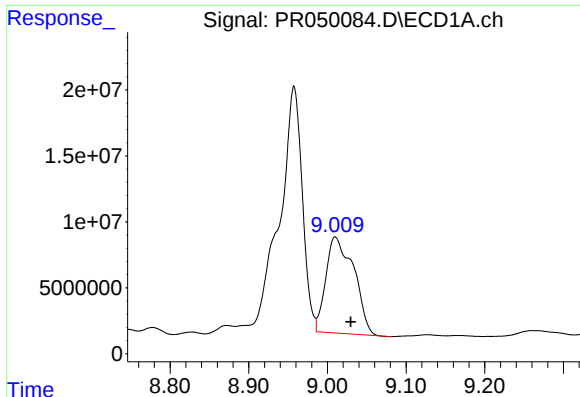
#41 AR-1268-1

R.T.: 8.958 min
Delta R.T.: 0.029 min
Response: 367682190
Conc: 357.14 ng/ml



#41 AR-1268-1

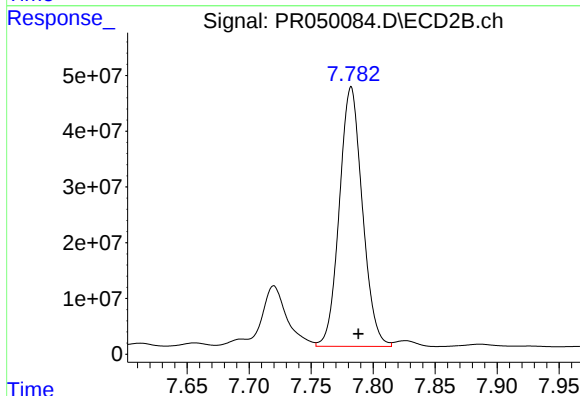
R.T.: 7.720 min
Delta R.T.: -0.004 min
Response: 161617943
Conc: 117.84 ng/ml



#42 AR-1268-2

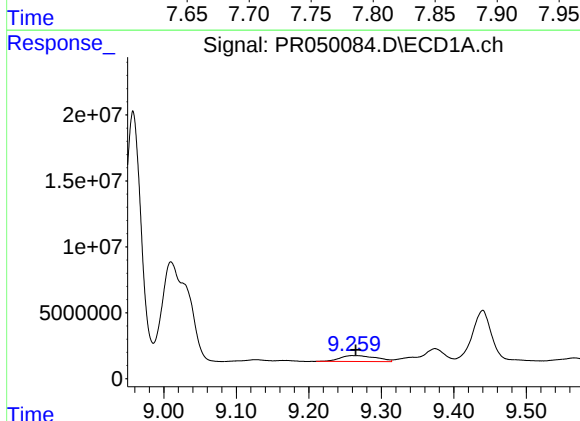
R.T.: 9.010 min
Delta R.T.: -0.020 min
Response: 180286277
Conc: 192.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



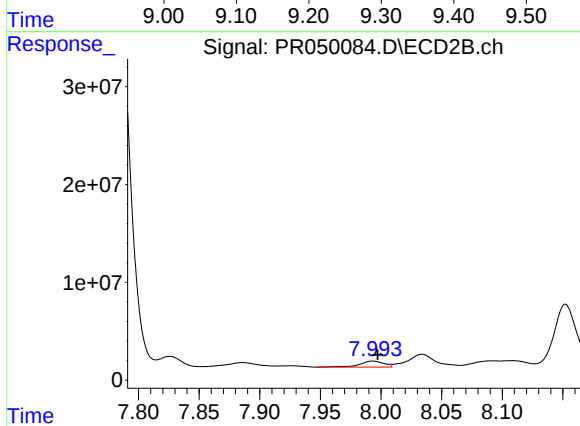
#42 AR-1268-2

R.T.: 7.782 min
Delta R.T.: -0.006 min
Response: 601628108
Conc: 471.86 ng/ml



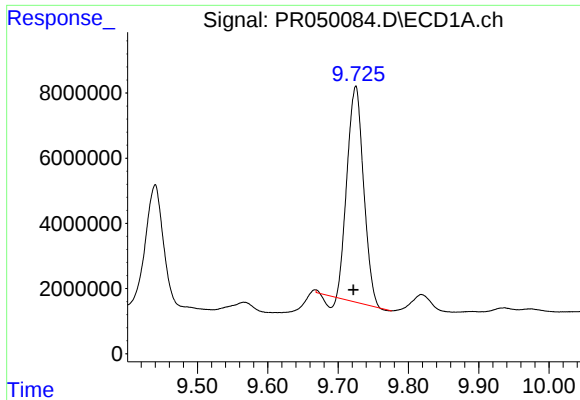
#43 AR-1268-3

R.T.: 9.259 min
Delta R.T.: -0.005 min
Response: 15487940
Conc: 19.39 ng/ml



#43 AR-1268-3

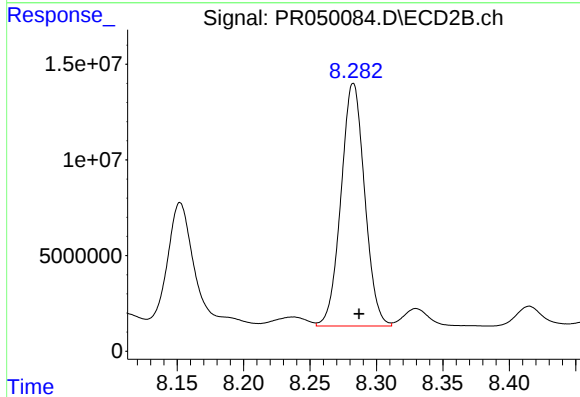
R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 8589557
Conc: 8.08 ng/ml



#44 AR-1268-4

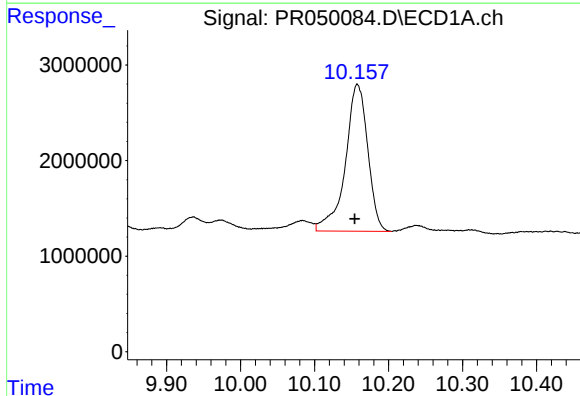
R.T.: 9.725 min
Delta R.T.: 0.004 min
Response: 105840592
Conc: 301.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



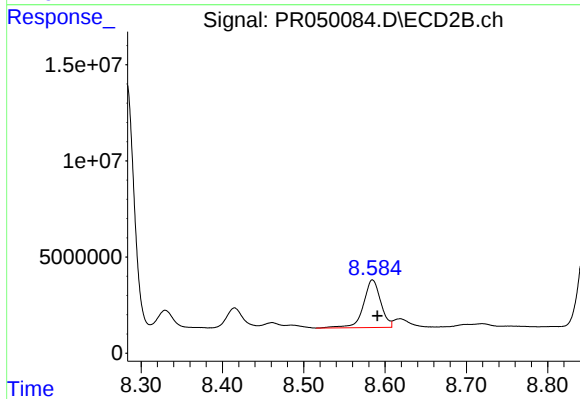
#44 AR-1268-4

R.T.: 8.283 min
Delta R.T.: -0.004 min
Response: 157147980
Conc: 346.37 ng/ml



#45 AR-1268-5

R.T.: 10.158 min
Delta R.T.: 0.003 min
Response: 32322806
Conc: 11.75 ng/ml



#45 AR-1268-5

R.T.: 8.585 min
Delta R.T.: -0.006 min
Response: 36562611
Conc: 10.55 ng/ml