

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021919\
 Data File : PR035653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2019 01:32
 Operator : SM\SJ
 Sample : K1493-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:14:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021919CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 20 02:45:09 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...	4.432	3.509	17386987	49655101	19.535	25.667 #
2)	SA Decachlor...	10.101	8.382	57462576	189.5E6	28.058	33.080
Target Compounds							
3)	L1 AR-1016-1	5.626	4.580	80569537	14569241	1193.294	88.026 #
4)	L1 AR-1016-2	5.626	4.580	80569537	14569241	738.747	57.773 #
5)	L1 AR-1016-3	5.687	4.753	226.0E6	4441464	3388.961	33.722 #
6)	L1 AR-1016-4	5.770	4.792	1549771	56457305	28.273	551.621 #
7)	L1 AR-1016-5	6.066	4.999	8368209	25244668	141.047	168.578
9)	L2 AR-1221-2	0.000	3.800	0	2172948	N.D.	90.378 #
10)	L2 AR-1221-3	0.000	3.916f	0	8537771	N.D.	102.621 #
11)	L3 AR-1232-1	0.000	3.916f	0	8537771	N.D.	153.434 #
12)	L3 AR-1232-2	5.327	4.580	19168574	14569241	1137.211	186.375 #
13)	L3 AR-1232-3	5.626	4.753	80569537	4441464	2412.333	109.399 #
14)	L3 AR-1232-4	5.770	4.831	1549771	283.6E6	93.815	7055.924 #
15)	L3 AR-1232-5	5.862	4.999	23294033	25244668	1476.251	558.427 #
16)	L4 AR-1242-1	5.626	4.580	80569537	14569241	1982.139	148.631 #
17)	L4 AR-1242-2	5.626	4.580	80569537	14569241	1261.358	98.245 #
18)	L4 AR-1242-3	5.687	4.753	226.0E6	4441464	5685.543	57.151 #
19)	L4 AR-1242-4	5.770	4.831	1549771	283.6E6	47.453	3619.410 #
20)	L4 AR-1242-5	6.508	5.343	42122687	303.4E6	955.287	2489.680 #
21)	L5 AR-1248-1	5.626	4.580	80569537	14569241	2971.205	208.877 #
22)	L5 AR-1248-2	5.862	4.792	23294033	56457305	536.234	587.126
23)	L5 AR-1248-3	6.066	4.831	8368209	283.6E6	163.805	2827.151 #
24)	L5 AR-1248-4	6.439	4.999	109.8E6	25244668	1674.173	194.956 #
25)	L5 AR-1248-5	6.508	5.382	42122687	38840452	659.935	260.389 #
26)	L6 AR-1254-1	6.439	5.343	109.8E6	303.4E6	1821.267	1375.171
27)	L6 AR-1254-2	6.653	5.488	189.6E6	495.1E6	1883.983	2506.624 #
28)	L6 AR-1254-3	7.021	5.895	111.6E6	866.0E6	953.459	2436.637 #
29)	L6 AR-1254-4	7.304	6.107	76888022	140.8E6	857.207	544.944 #
30)	L6 AR-1254-5	7.720	6.516	602.6E6	1753.9E6	5778.280	4869.230
31)	L7 AR-1260-1	7.182	6.009	410.5E6	1187.9E6	2686.986	2972.419
32)	L7 AR-1260-2	7.436	6.194	468.0E6	1561.9E6	2469.066	2746.874
33)	L7 AR-1260-3	7.720	6.344	602.6E6	1260.0E6	2353.142	2560.199
34)	L7 AR-1260-4	8.018	6.809	420.2E6	1093.6E6	2471.224	2565.559
35)	L7 AR-1260-5	8.335	7.050	895.1E6	3364.0E6	2546.129	2700.484
36)	L8 AR-1262-1	7.794	6.553	337.2E6	1350.2E6	2444.642	2831.320
37)	L8 AR-1262-2	8.335	7.050	895.1E6	3364.0E6	3545.817	3757.981
38)	L8 AR-1262-3	8.658	7.327	561.5E6	690.4E6	3184.835	1770.987 #
39)	L8 AR-1262-4	8.712	7.390	314.1E6	2366.4E6	2376.319	3663.753 #
40)	L8 AR-1262-5	9.373	7.881	221.7E6	845.0E6	2380.801	2695.560
41)	L9 AR-1268-1	8.658	7.327	561.5E6	690.4E6	1178.787	377.985 #
42)	L9 AR-1268-2	8.712	7.390	314.1E6	2366.4E6	736.651	1486.346 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR021919\
 Data File : PR035653.D
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 Acq On : 20 Feb 2019 01:32
 Operator : SM\SJ
 Sample : K1493-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

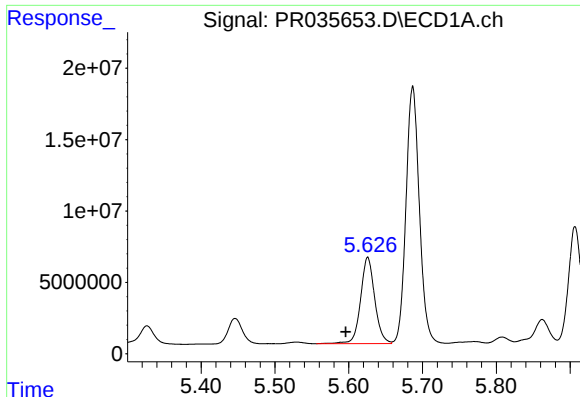
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 04:14:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR021919CLP.M
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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	8.952	7.591	7468891	32207580	20.584	23.243
44) L9	AR-1268-4	9.373	7.881	221.7E6	845.0E6	1381.346	1537.001
45) L9	AR-1268-5	9.775	8.151	50276994	178.8E6	43.672	43.331

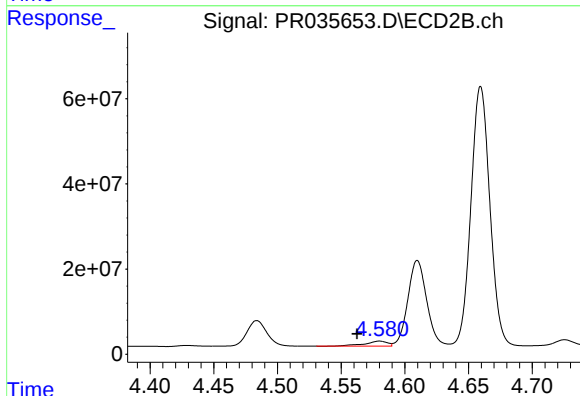
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

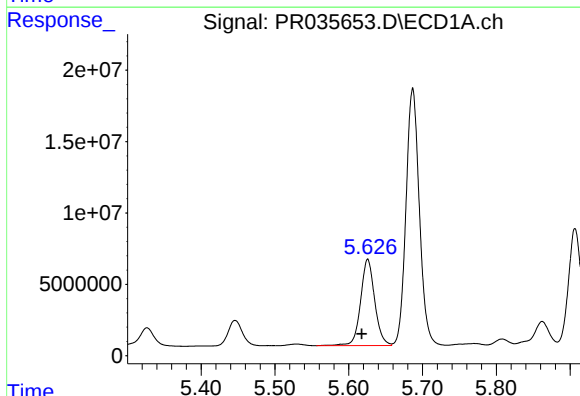
R.T.: 5.626 min
Delta R.T.: 0.030 min
Response: 80569537
Conc: 1193.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



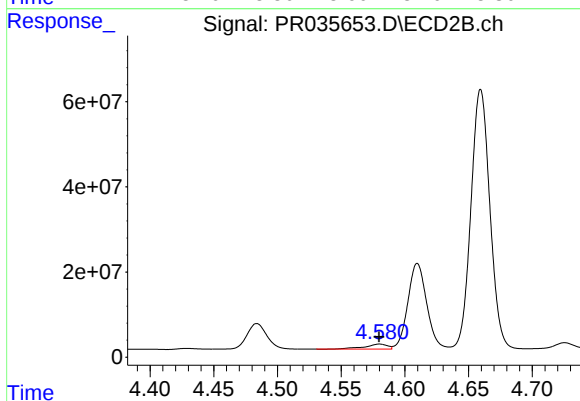
#3 AR-1016-1

R.T.: 4.580 min
Delta R.T.: 0.018 min
Response: 14569241
Conc: 88.03 ng/ml



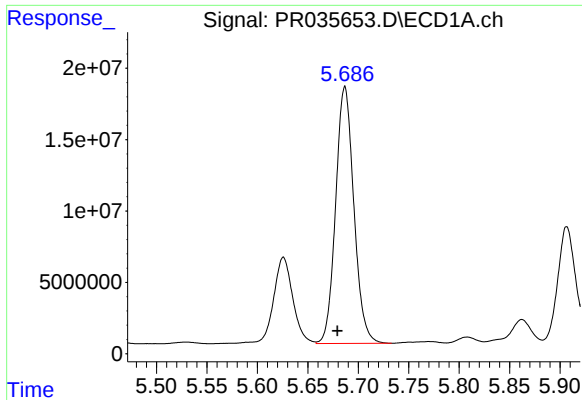
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: 0.008 min
Response: 80569537
Conc: 738.75 ng/ml



#4 AR-1016-2

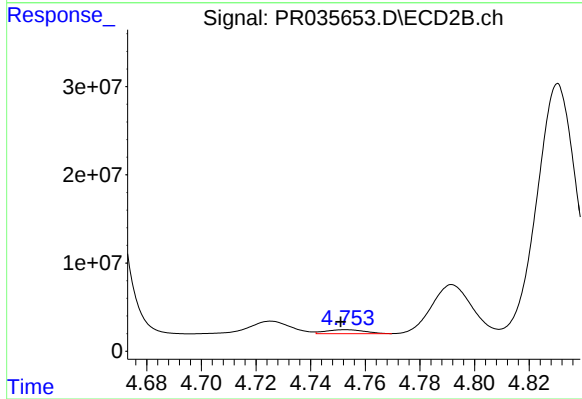
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 14569241
Conc: 57.77 ng/ml



#5 AR-1016-3

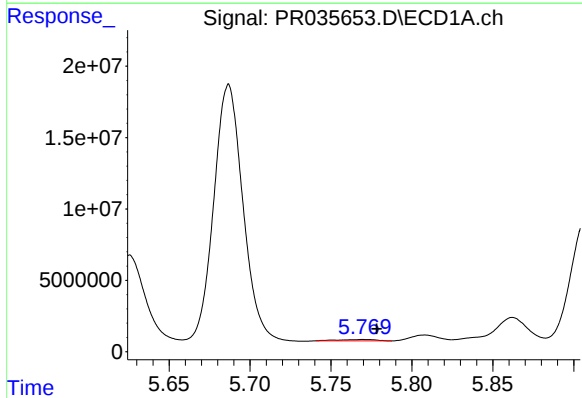
R.T.: 5.687 min
Delta R.T.: 0.007 min
Response: 225991452
Conc: 3388.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



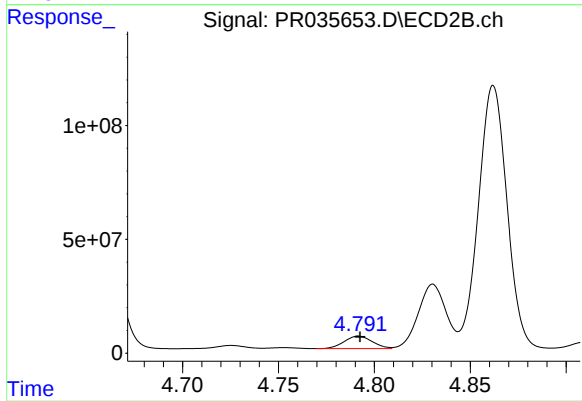
#5 AR-1016-3

R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 4441464
Conc: 33.72 ng/ml



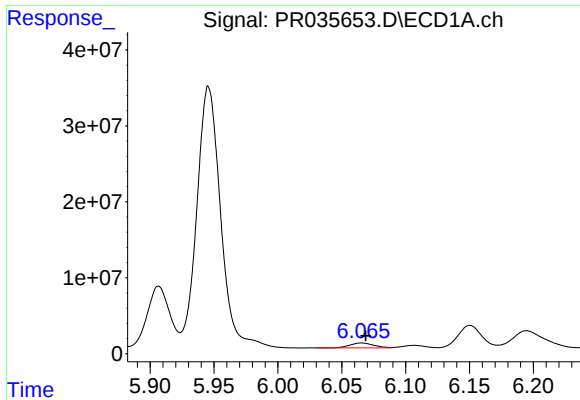
#6 AR-1016-4

R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 1549771
Conc: 28.27 ng/ml



#6 AR-1016-4

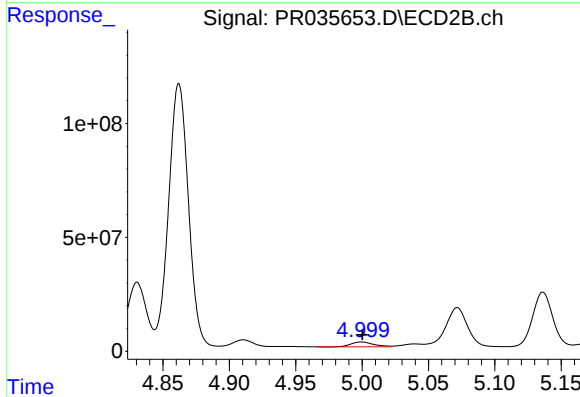
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 56457305
Conc: 551.62 ng/ml



#7 AR-1016-5

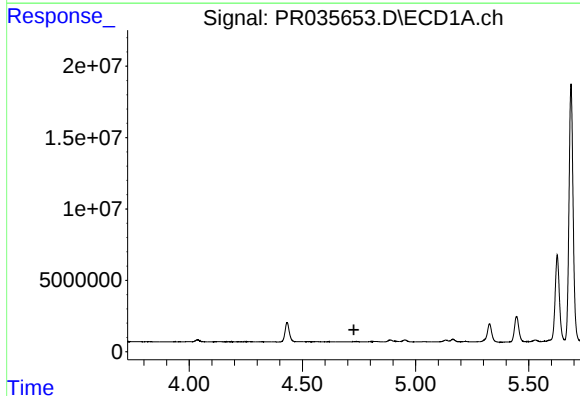
R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 8368209
Conc: 141.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



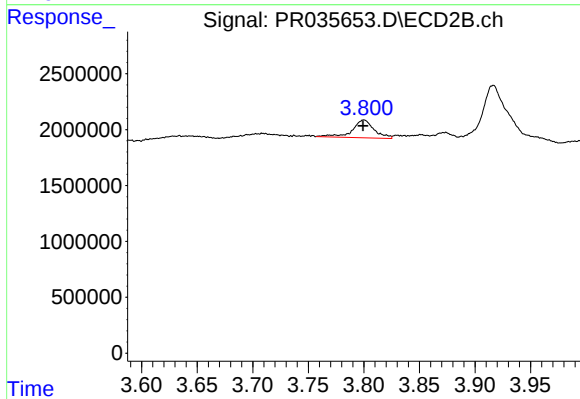
#7 AR-1016-5

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 25244668
Conc: 168.58 ng/ml



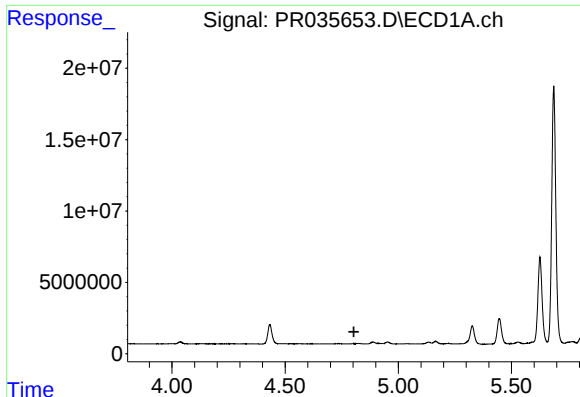
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.727 min
Response: 0
Conc: N.D.



#9 AR-1221-2

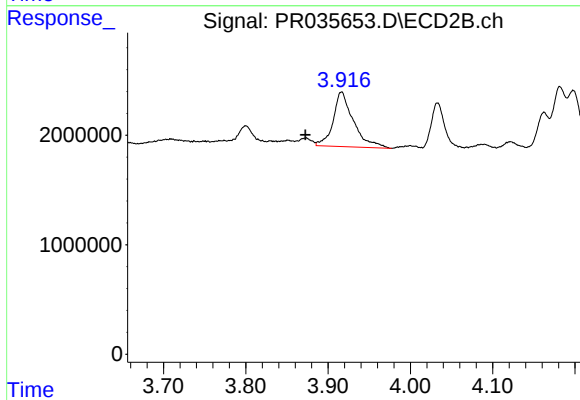
R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 2172948
Conc: 90.38 ng/ml



#10 AR-1221-3

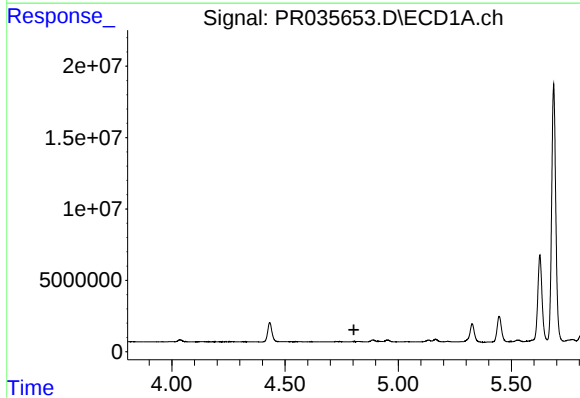
R.T.: 0.000 min
Exp R.T.: 4.804 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



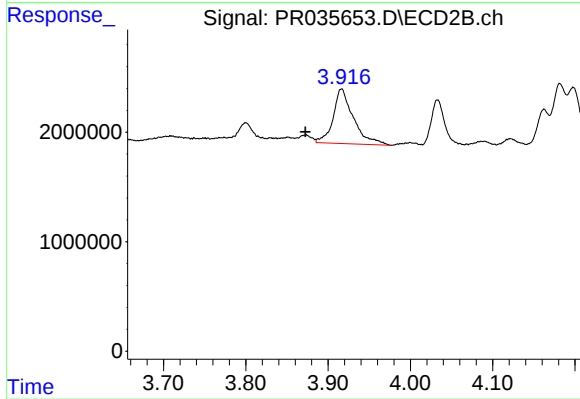
#10 AR-1221-3

R.T.: 3.916 min
Delta R.T.: 0.044 min
Response: 8537771
Conc: 102.62 ng/ml



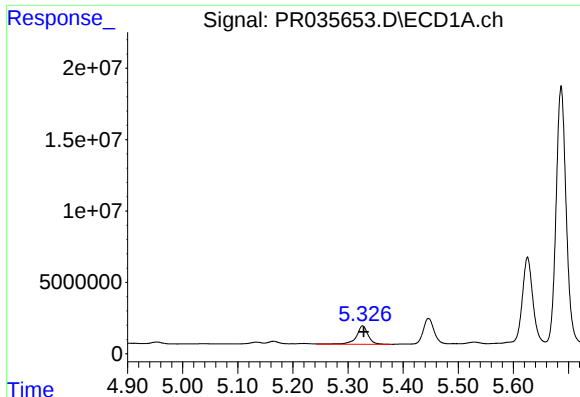
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.804 min
Response: 0
Conc: N.D.



#11 AR-1232-1

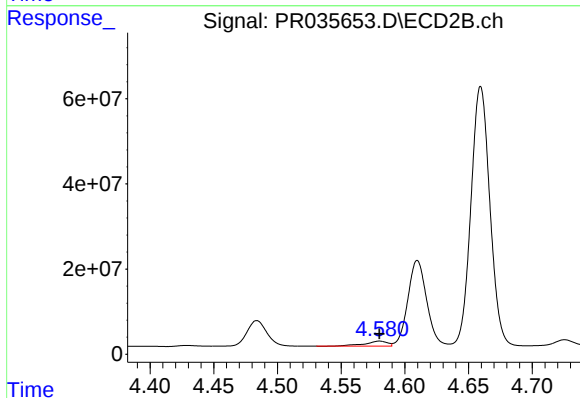
R.T.: 3.916 min
Delta R.T.: 0.044 min
Response: 8537771
Conc: 153.43 ng/ml



#12 AR-1232-2

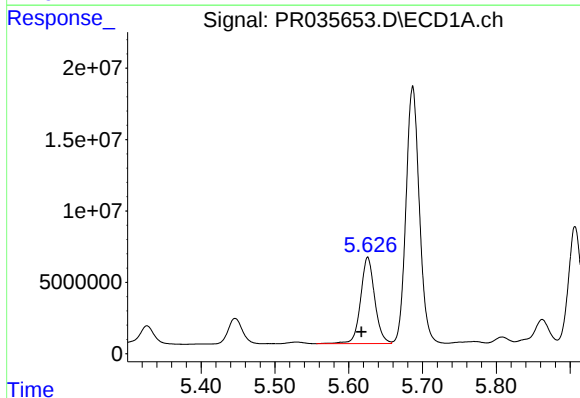
R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 19168574
Conc: 1137.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



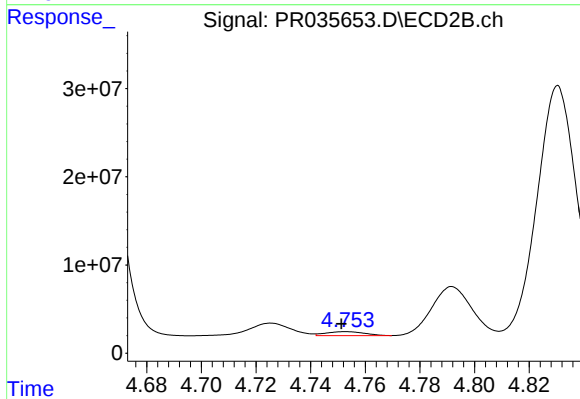
#12 AR-1232-2

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 14569241
Conc: 186.37 ng/ml



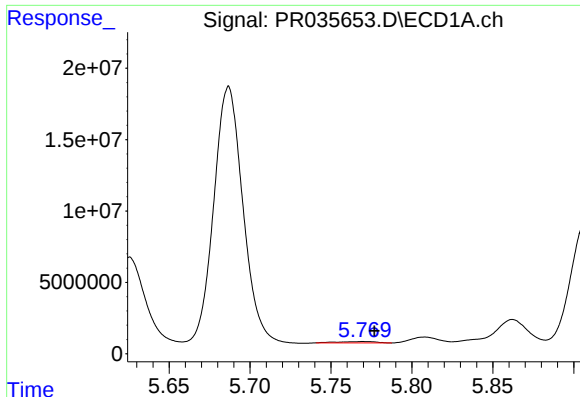
#13 AR-1232-3

R.T.: 5.626 min
Delta R.T.: 0.009 min
Response: 80569537
Conc: 2412.33 ng/ml



#13 AR-1232-3

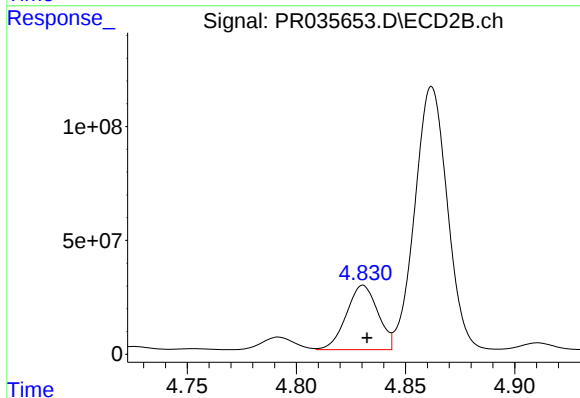
R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 4441464
Conc: 109.40 ng/ml



#14 AR-1232-4

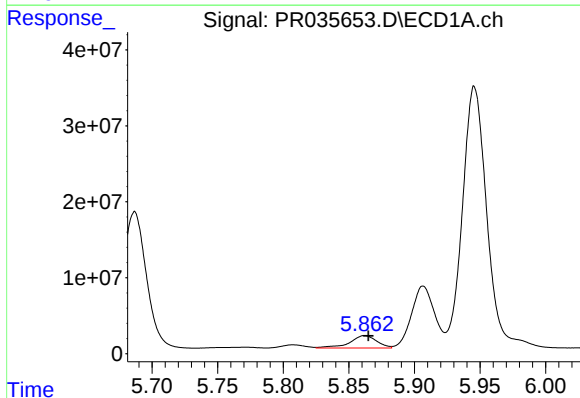
R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 1549771
Conc: 93.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



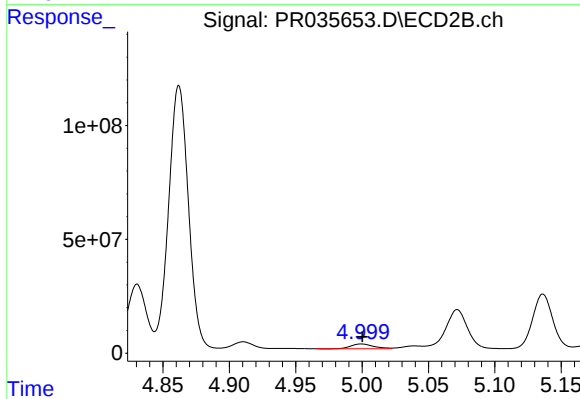
#14 AR-1232-4

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 283561711
Conc: 7055.92 ng/ml



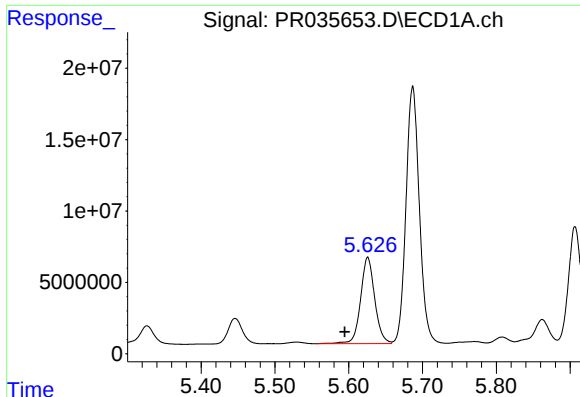
#15 AR-1232-5

R.T.: 5.862 min
Delta R.T.: -0.003 min
Response: 23294033
Conc: 1476.25 ng/ml



#15 AR-1232-5

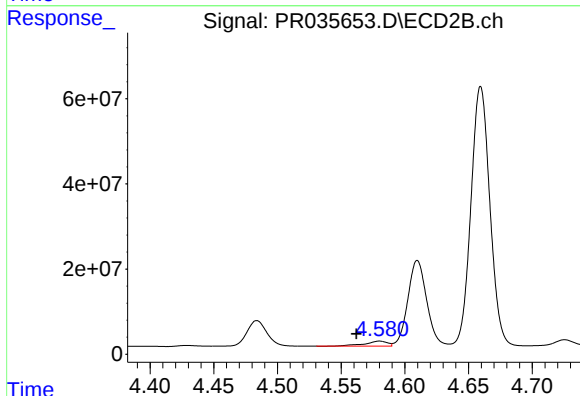
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 25244668
Conc: 558.43 ng/ml



#16 AR-1242-1

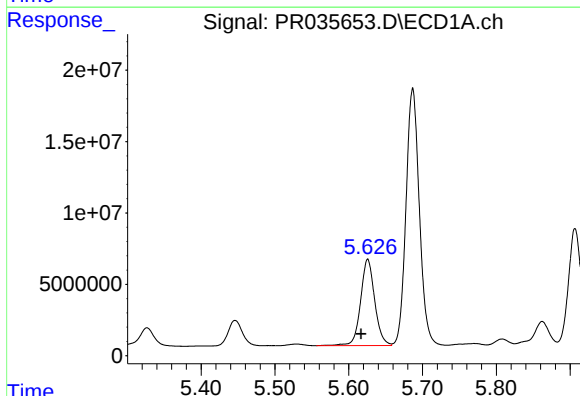
R.T.: 5.626 min
Delta R.T.: 0.031 min
Response: 80569537
Conc: 1982.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



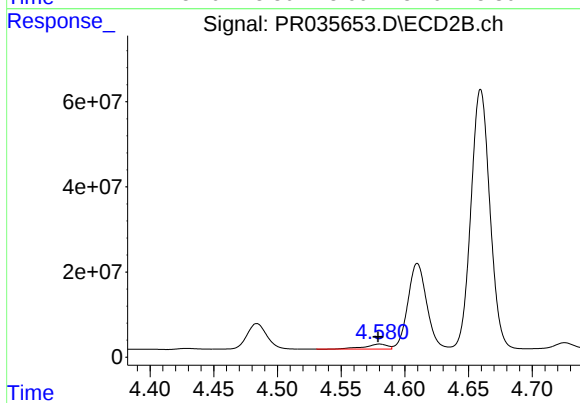
#16 AR-1242-1

R.T.: 4.580 min
Delta R.T.: 0.018 min
Response: 14569241
Conc: 148.63 ng/ml



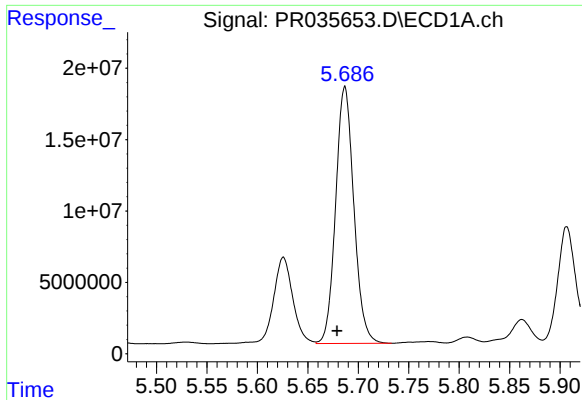
#17 AR-1242-2

R.T.: 5.626 min
Delta R.T.: 0.009 min
Response: 80569537
Conc: 1261.36 ng/ml



#17 AR-1242-2

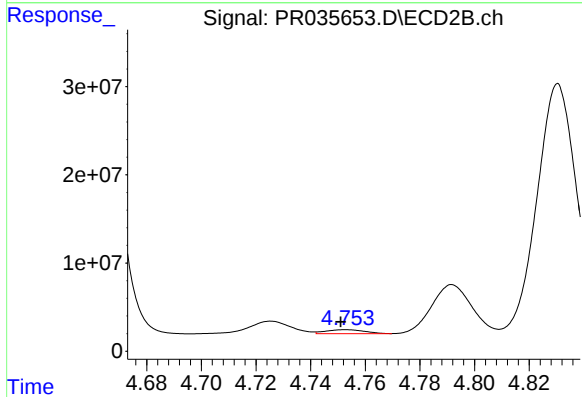
R.T.: 4.580 min
Delta R.T.: 0.001 min
Response: 14569241
Conc: 98.25 ng/ml



#18 AR-1242-3

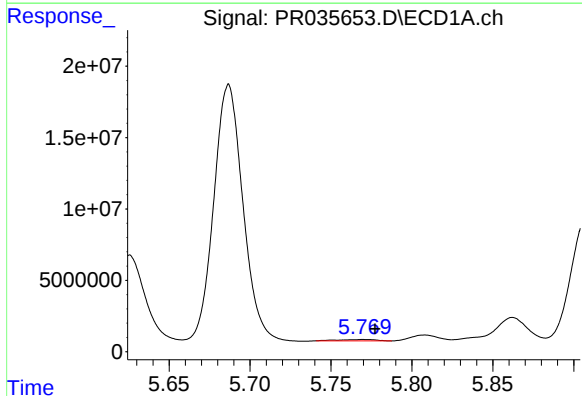
R.T.: 5.687 min
Delta R.T.: 0.008 min
Response: 225991452
Conc: 5685.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



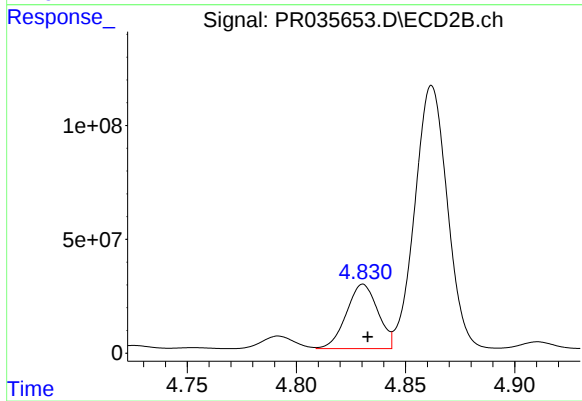
#18 AR-1242-3

R.T.: 4.753 min
Delta R.T.: 0.002 min
Response: 4441464
Conc: 57.15 ng/ml



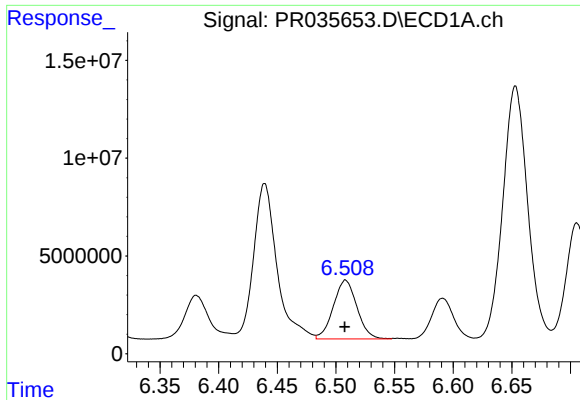
#19 AR-1242-4

R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 1549771
Conc: 47.45 ng/ml



#19 AR-1242-4

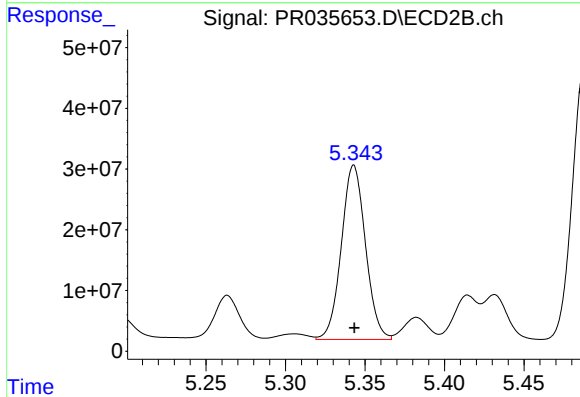
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 283561711
Conc: 3619.41 ng/ml



#20 AR-1242-5

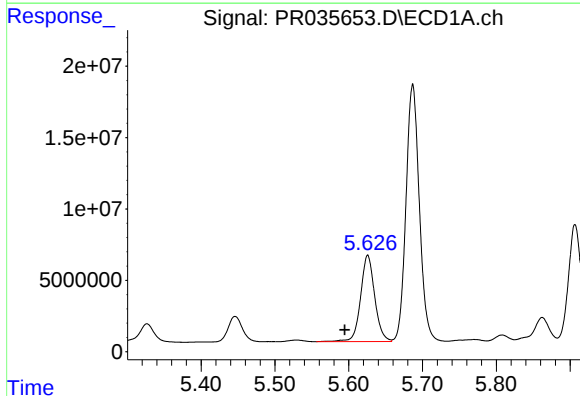
R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 42122687
Conc: 955.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



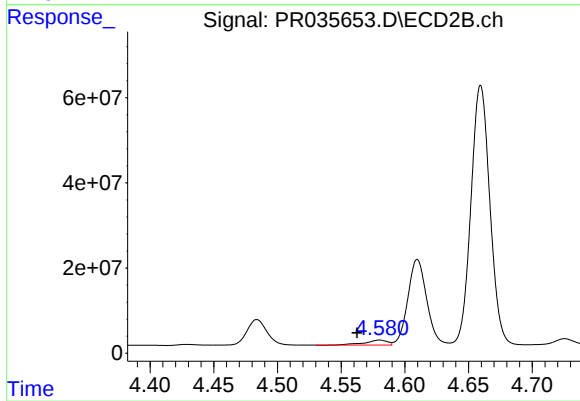
#20 AR-1242-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 303373127
Conc: 2489.68 ng/ml



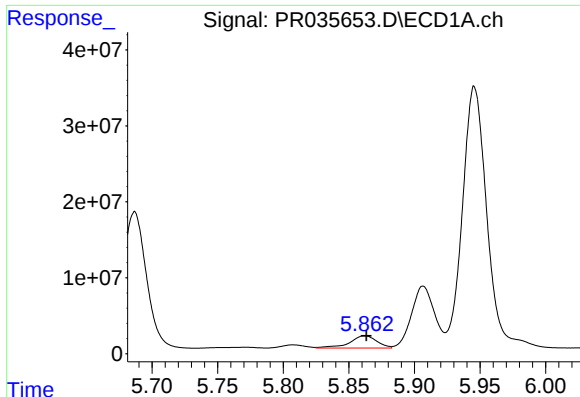
#21 AR-1248-1

R.T.: 5.626 min
Delta R.T.: 0.031 min
Response: 80569537
Conc: 2971.20 ng/ml



#21 AR-1248-1

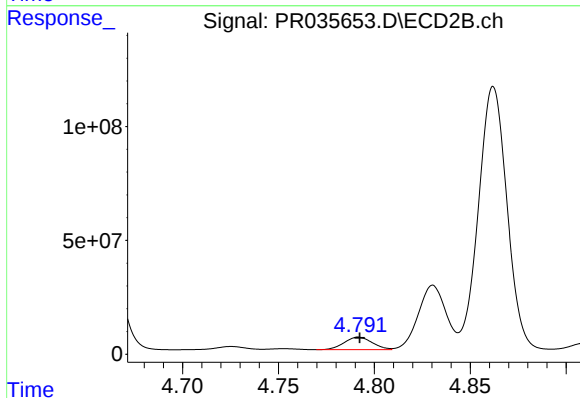
R.T.: 4.580 min
Delta R.T.: 0.018 min
Response: 14569241
Conc: 208.88 ng/ml



#22 AR-1248-2

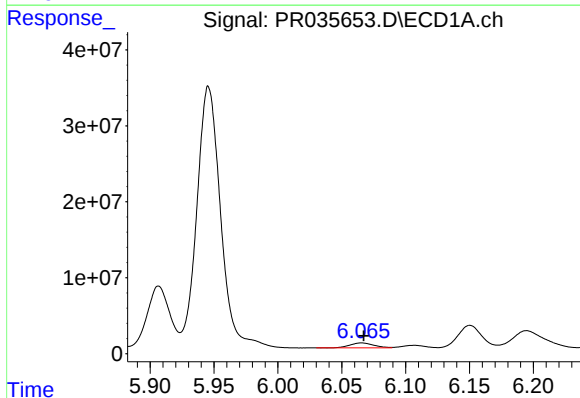
R.T.: 5.862 min
Delta R.T.: -0.001 min
Response: 23294033
Conc: 536.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



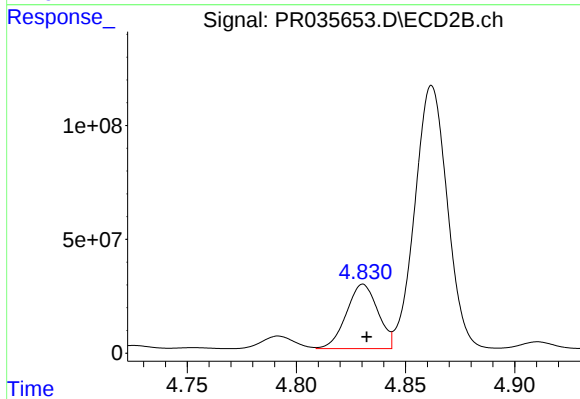
#22 AR-1248-2

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 56457305
Conc: 587.13 ng/ml



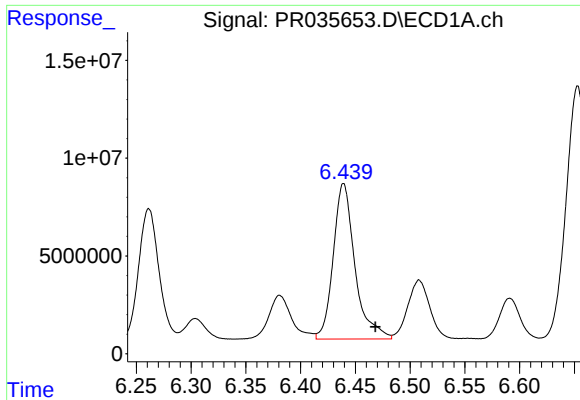
#23 AR-1248-3

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 8368209
Conc: 163.81 ng/ml



#23 AR-1248-3

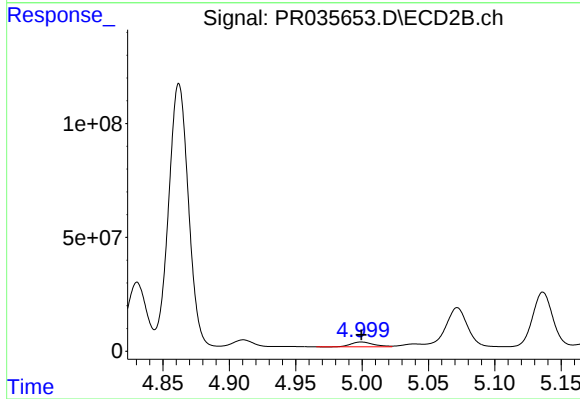
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 283561711
Conc: 2827.15 ng/ml



#24 AR-1248-4

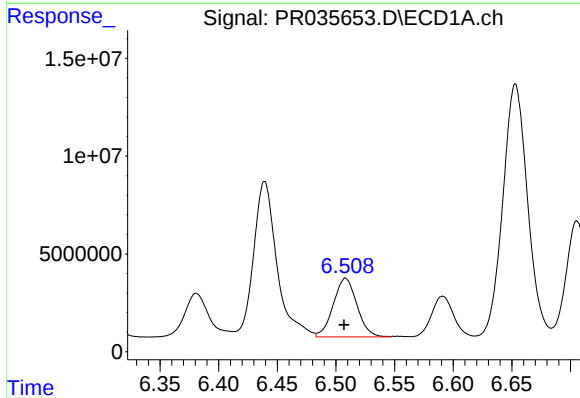
R.T.: 6.439 min
Delta R.T.: -0.029 min
Response: 109775567
Conc: 1674.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



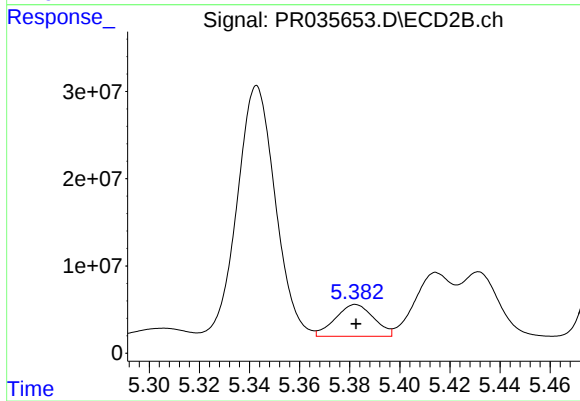
#24 AR-1248-4

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 25244668
Conc: 194.96 ng/ml



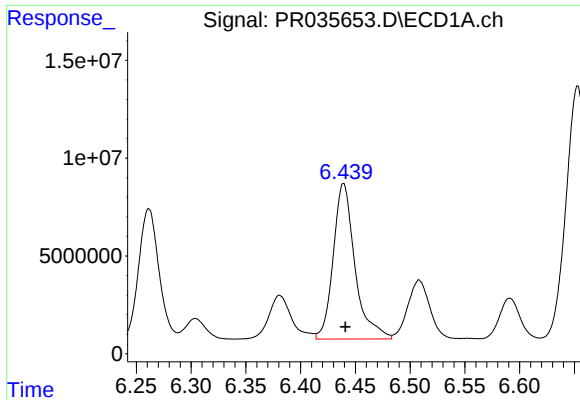
#25 AR-1248-5

R.T.: 6.508 min
Delta R.T.: 0.001 min
Response: 42122687
Conc: 659.94 ng/ml



#25 AR-1248-5

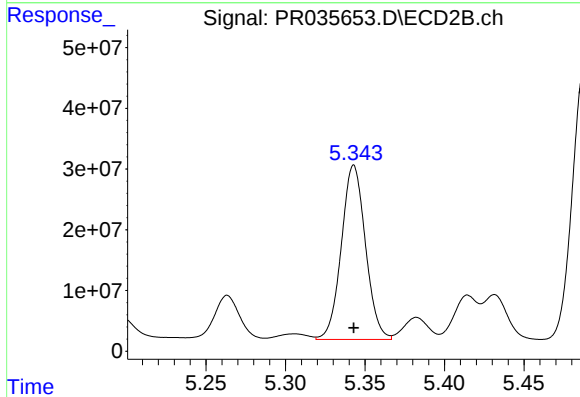
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 38840452
Conc: 260.39 ng/ml



#26 AR-1254-1

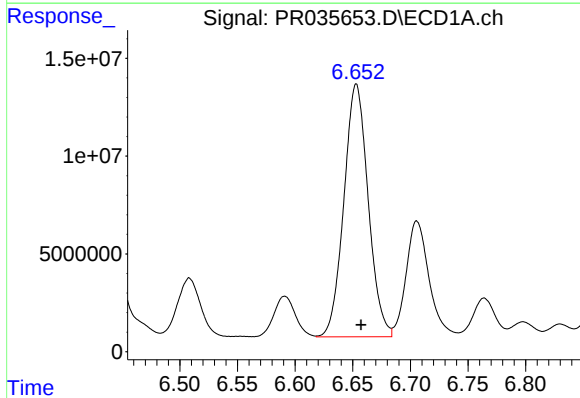
R.T.: 6.439 min
Delta R.T.: -0.001 min
Response: 109775567
Conc: 1821.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



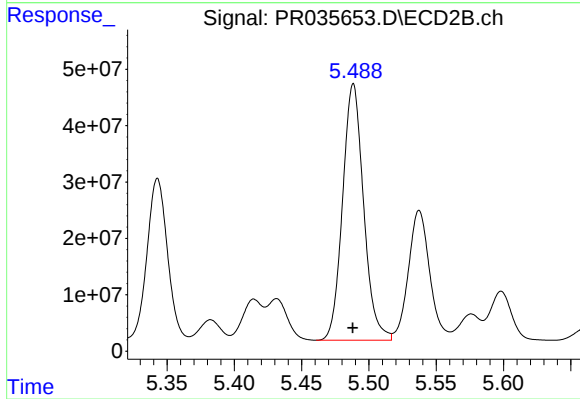
#26 AR-1254-1

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 303373127
Conc: 1375.17 ng/ml



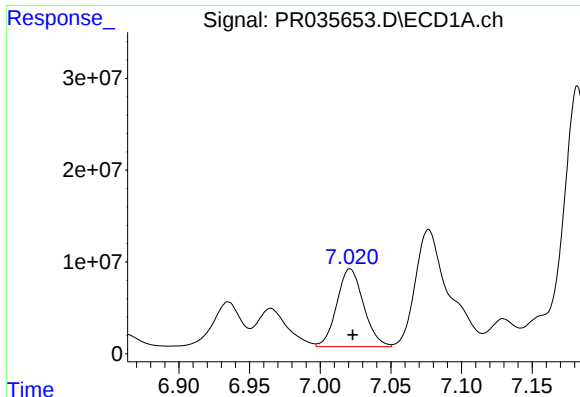
#27 AR-1254-2

R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 189571123
Conc: 1883.98 ng/ml



#27 AR-1254-2

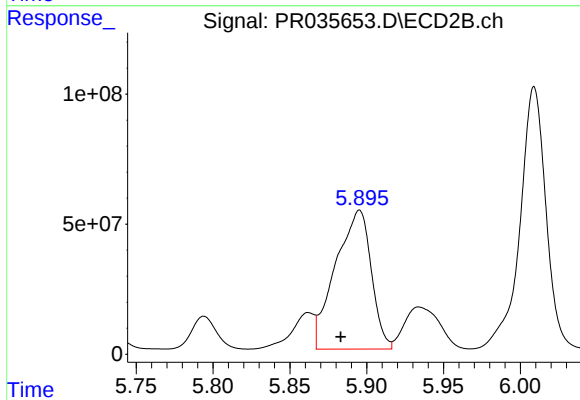
R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 495136755
Conc: 2506.62 ng/ml



#28 AR-1254-3

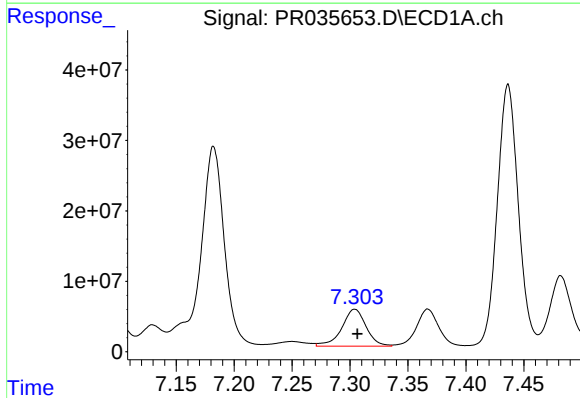
R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 111560810
Conc: 953.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



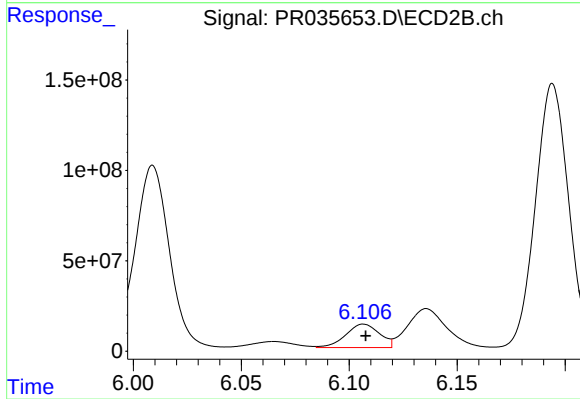
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: 0.012 min
Response: 866004700
Conc: 2436.64 ng/ml



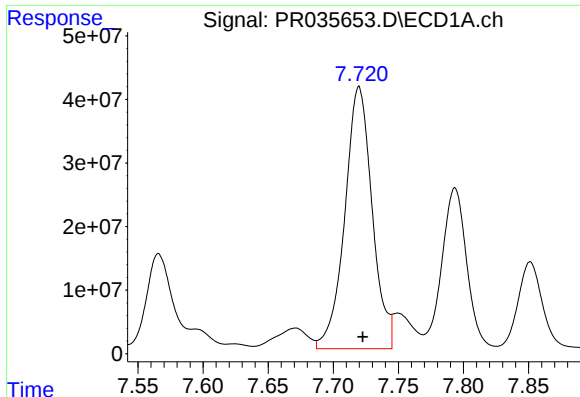
#29 AR-1254-4

R.T.: 7.304 min
Delta R.T.: -0.002 min
Response: 76888022
Conc: 857.21 ng/ml



#29 AR-1254-4

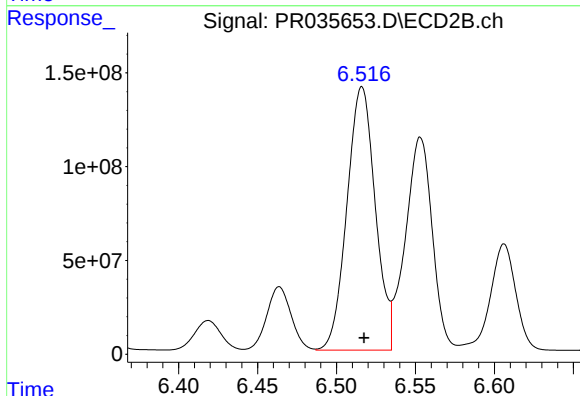
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 140841965
Conc: 544.94 ng/ml



#30 AR-1254-5

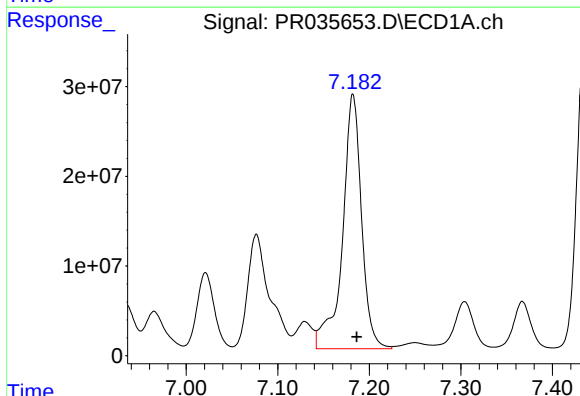
R.T.: 7.720 min
Delta R.T.: -0.003 min
Response: 602593413
Conc: 5778.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



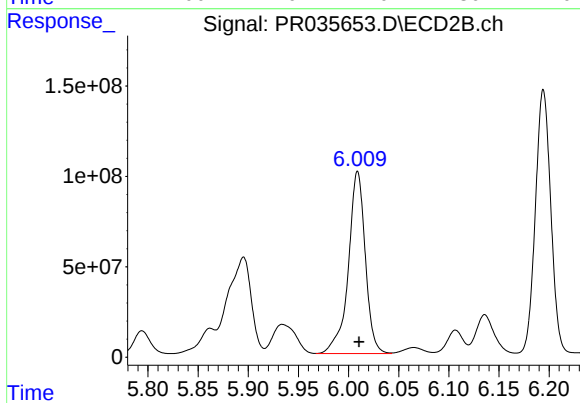
#30 AR-1254-5

R.T.: 6.516 min
Delta R.T.: -0.001 min
Response: 1753925564
Conc: 4869.23 ng/ml



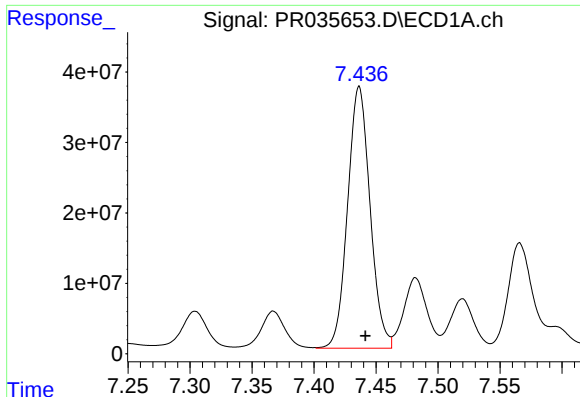
#31 AR-1260-1

R.T.: 7.182 min
Delta R.T.: -0.004 min
Response: 410505509
Conc: 2686.99 ng/ml



#31 AR-1260-1

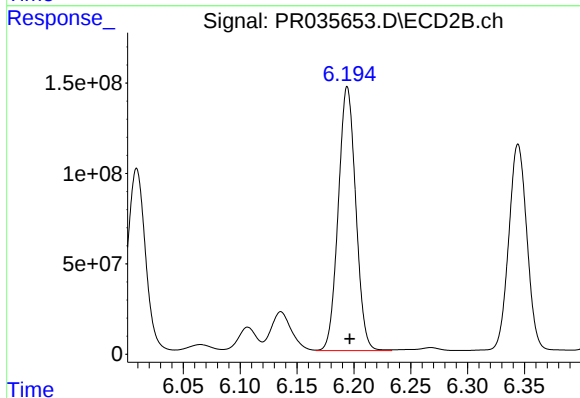
R.T.: 6.009 min
Delta R.T.: -0.002 min
Response: 1187915616
Conc: 2972.42 ng/ml



#32 AR-1260-2

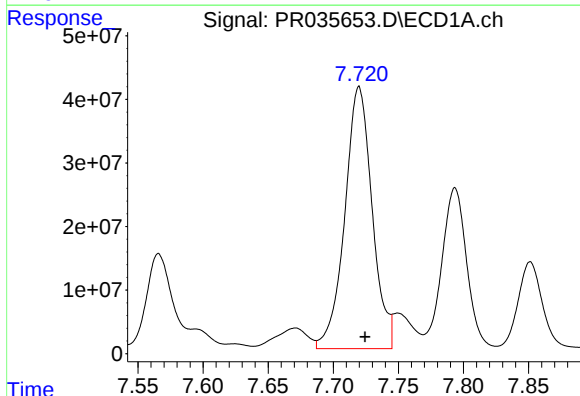
R.T.: 7.436 min
Delta R.T.: -0.005 min
Response: 468037047
Conc: 2469.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



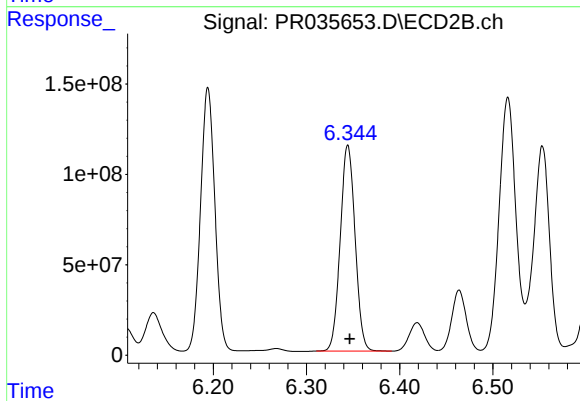
#32 AR-1260-2

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 1561927451
Conc: 2746.87 ng/ml



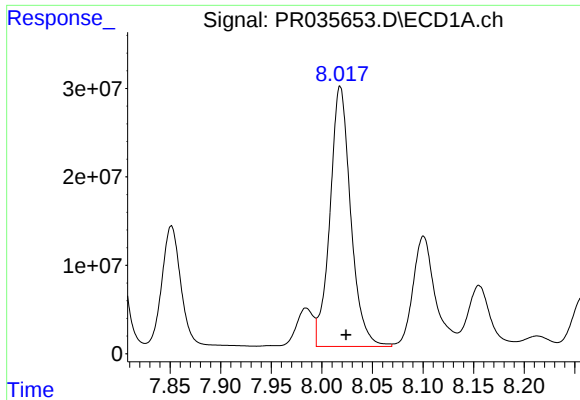
#33 AR-1260-3

R.T.: 7.720 min
Delta R.T.: -0.005 min
Response: 602593413
Conc: 2353.14 ng/ml



#33 AR-1260-3

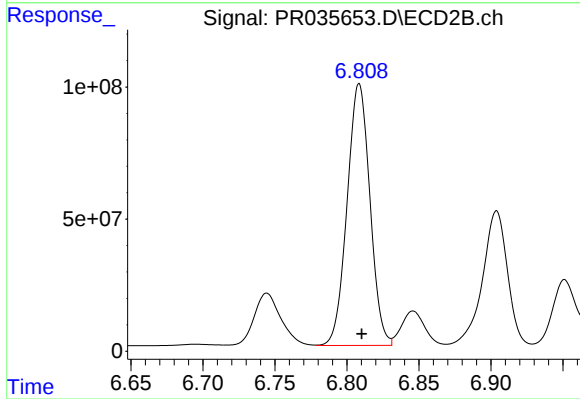
R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 1260032834
Conc: 2560.20 ng/ml



#34 AR-1260-4

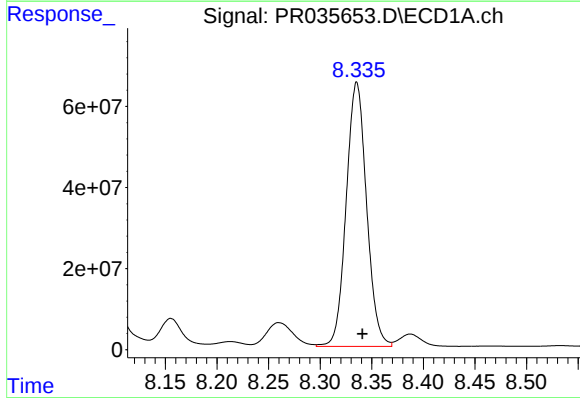
R.T.: 8.018 min
Delta R.T.: -0.006 min
Response: 420164435
Conc: 2471.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



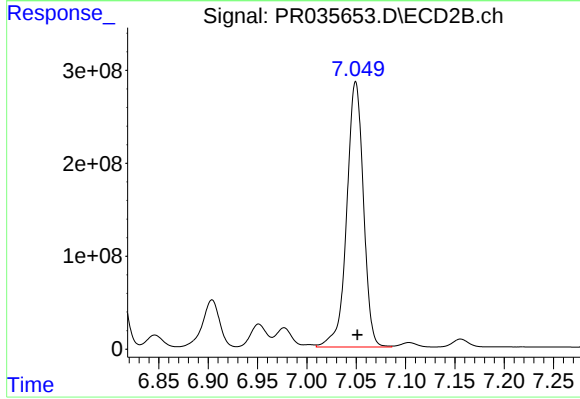
#34 AR-1260-4

R.T.: 6.809 min
Delta R.T.: -0.002 min
Response: 1093640161
Conc: 2565.56 ng/ml



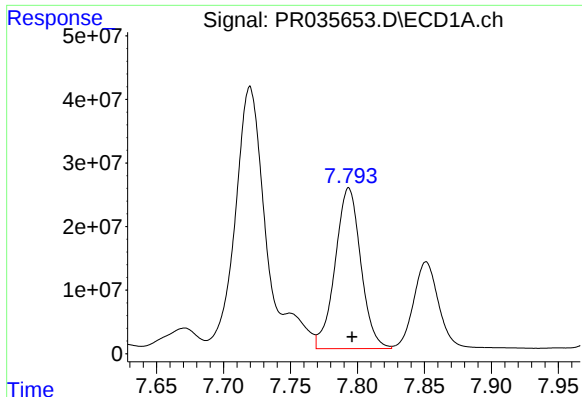
#35 AR-1260-5

R.T.: 8.335 min
Delta R.T.: -0.005 min
Response: 895051468
Conc: 2546.13 ng/ml



#35 AR-1260-5

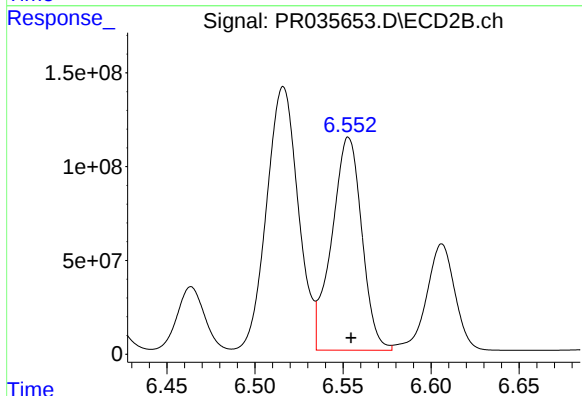
R.T.: 7.050 min
Delta R.T.: -0.002 min
Response: 3364010936
Conc: 2700.48 ng/ml



#36 AR-1262-1

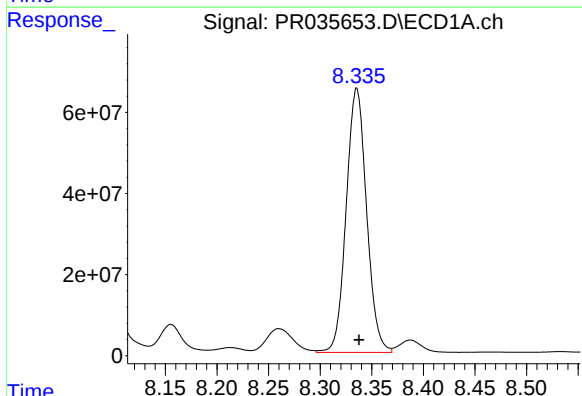
R.T.: 7.794 min
Delta R.T.: -0.003 min
Response: 337222375
Conc: 2444.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



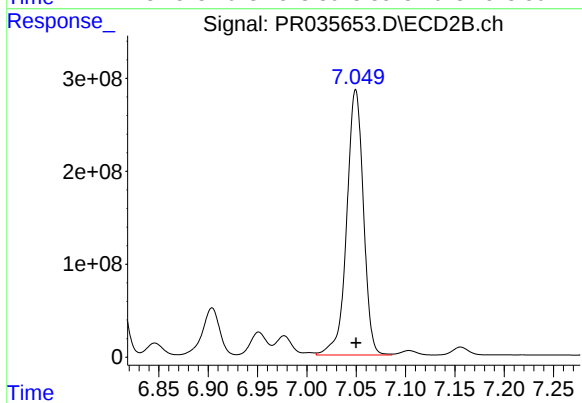
#36 AR-1262-1

R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 1350182394
Conc: 2831.32 ng/ml



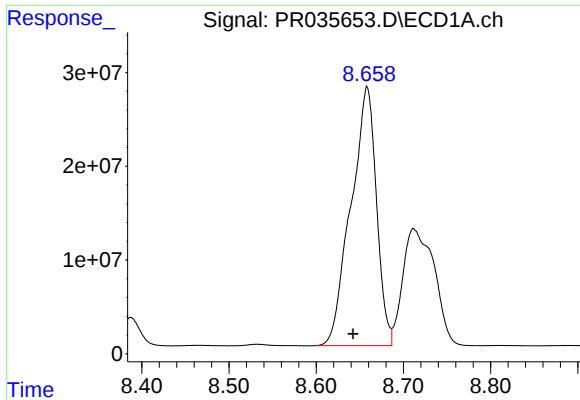
#37 AR-1262-2

R.T.: 8.335 min
Delta R.T.: -0.002 min
Response: 895051468
Conc: 3545.82 ng/ml



#37 AR-1262-2

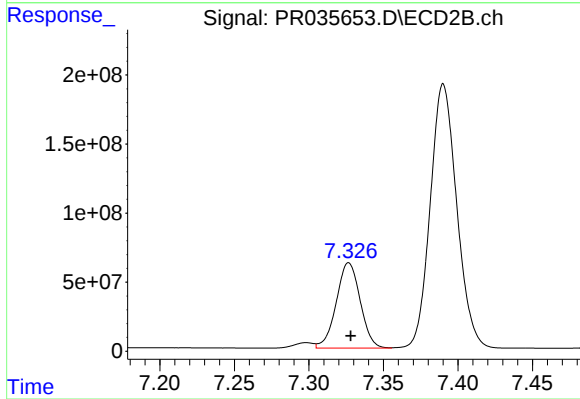
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 3364010936
Conc: 3757.98 ng/ml



#38 AR-1262-3

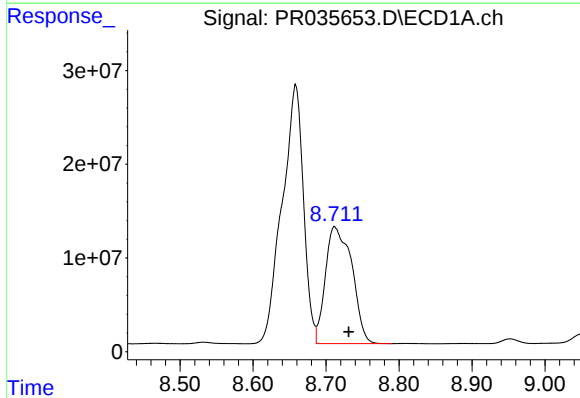
R.T.: 8.658 min
Delta R.T.: 0.016 min
Response: 561529513
Conc: 3184.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



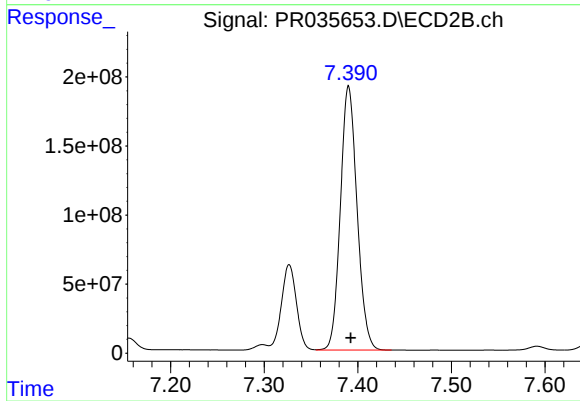
#38 AR-1262-3

R.T.: 7.327 min
Delta R.T.: -0.001 min
Response: 690408740
Conc: 1770.99 ng/ml



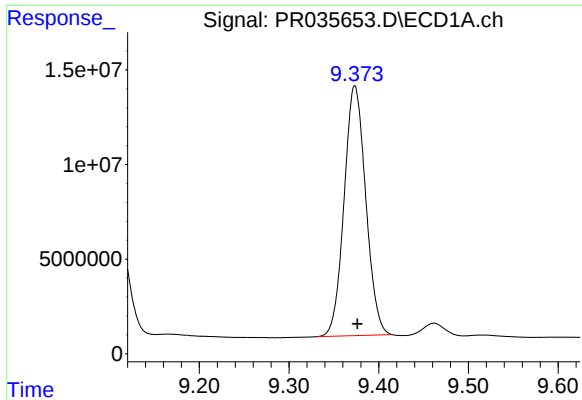
#39 AR-1262-4

R.T.: 8.712 min
Delta R.T.: -0.019 min
Response: 314107265
Conc: 2376.32 ng/ml



#39 AR-1262-4

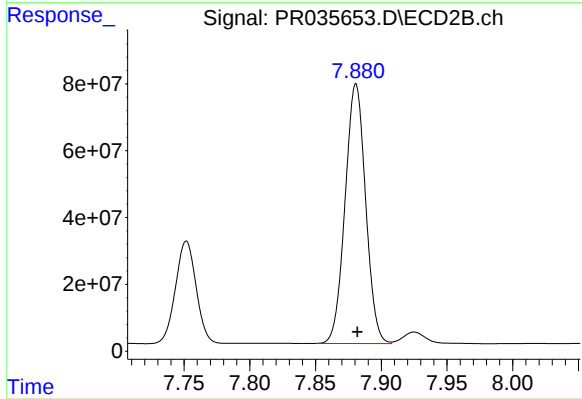
R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 2366394520
Conc: 3663.75 ng/ml



#40 AR-1262-5

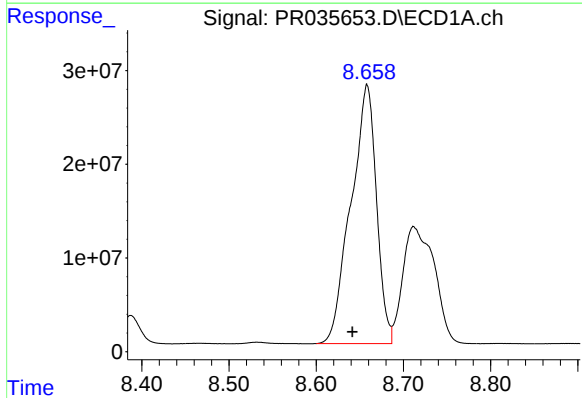
R.T.: 9.373 min
Delta R.T.: -0.003 min
Response: 221745339
Conc: 2380.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



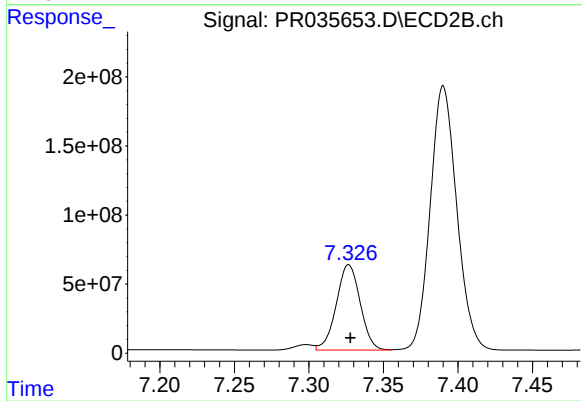
#40 AR-1262-5

R.T.: 7.881 min
Delta R.T.: -0.001 min
Response: 845006669
Conc: 2695.56 ng/ml



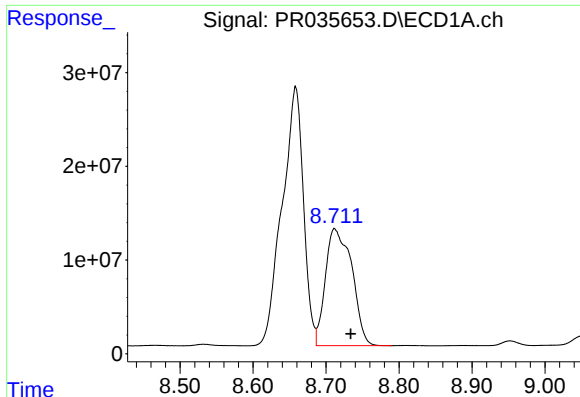
#41 AR-1268-1

R.T.: 8.658 min
Delta R.T.: 0.017 min
Response: 561529513
Conc: 1178.79 ng/ml



#41 AR-1268-1

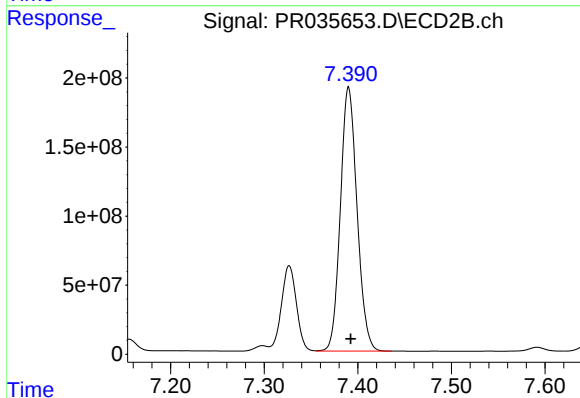
R.T.: 7.327 min
Delta R.T.: -0.001 min
Response: 690408740
Conc: 377.99 ng/ml



#42 AR-1268-2

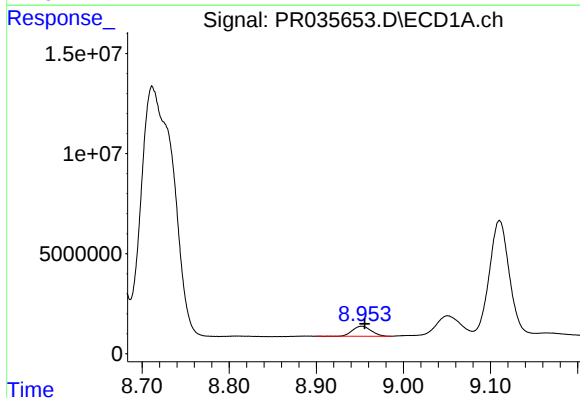
R.T.: 8.712 min
Delta R.T.: -0.022 min
Response: 314107265
Conc: 736.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



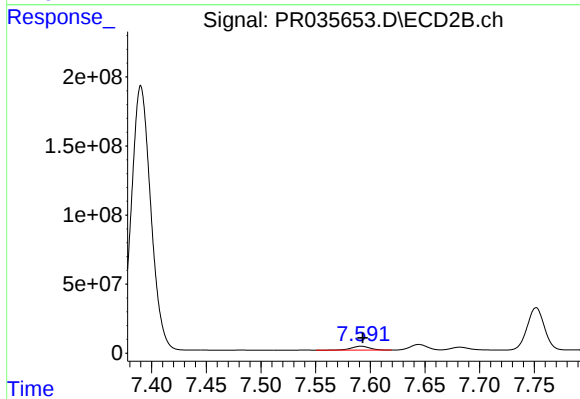
#42 AR-1268-2

R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 2366394520
Conc: 1486.35 ng/ml



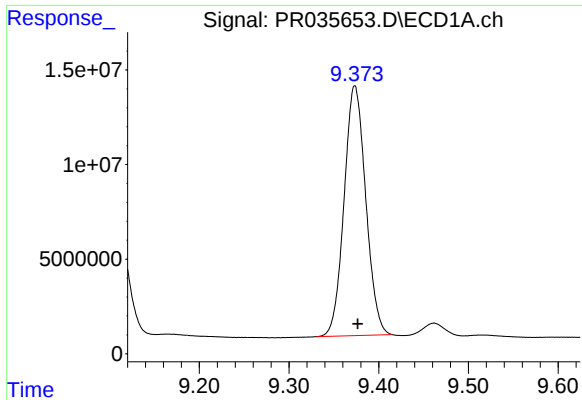
#43 AR-1268-3

R.T.: 8.952 min
Delta R.T.: -0.003 min
Response: 7468891
Conc: 20.58 ng/ml



#43 AR-1268-3

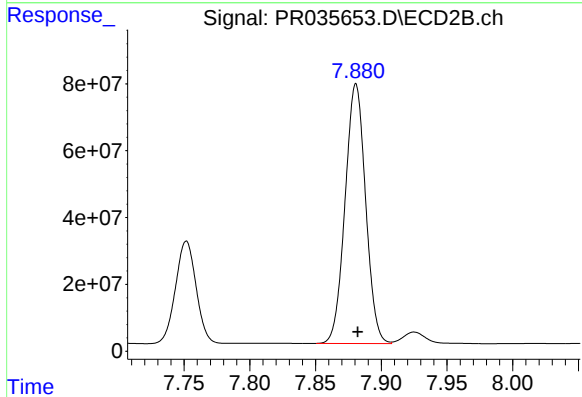
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 32207580
Conc: 23.24 ng/ml



#44 AR-1268-4

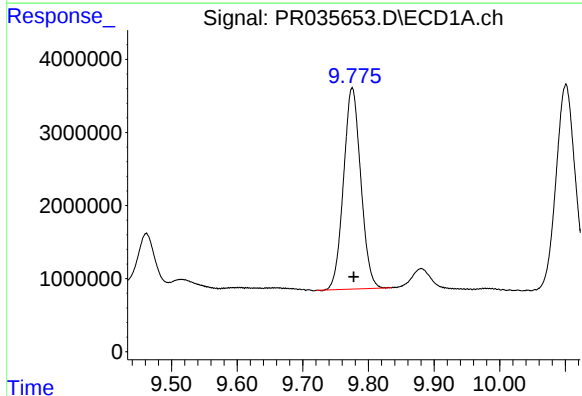
R.T.: 9.373 min
Delta R.T.: -0.003 min
Response: 221745339
Conc: 1381.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



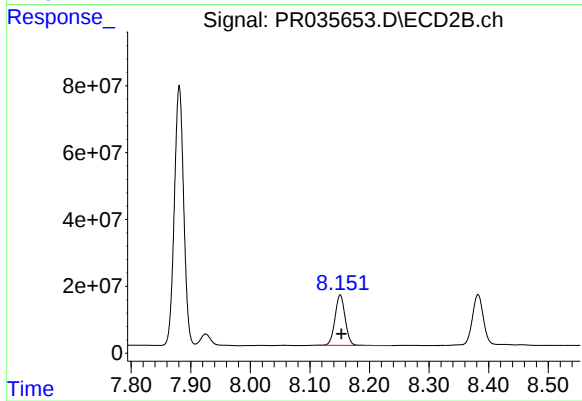
#44 AR-1268-4

R.T.: 7.881 min
Delta R.T.: -0.001 min
Response: 845006669
Conc: 1537.00 ng/ml



#45 AR-1268-5

R.T.: 9.775 min
Delta R.T.: -0.002 min
Response: 50276994
Conc: 43.67 ng/ml



#45 AR-1268-5

R.T.: 8.151 min
Delta R.T.: -0.002 min
Response: 178830531
Conc: 43.33 ng/ml