

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 00:44
 Operator : DD\AJ
 Sample : L1161-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:23:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.699	3.961	148.2E6	303.1E6	19.990	19.164
2)	SA Decachlor...	10.593	9.038	168.9E6	296.9E6	22.103	20.867
Target Compounds							
3)	L1 AR-1016-1	5.874	5.051	15515754	26237291	57.051	58.160
4)	L1 AR-1016-2	5.897	5.070	22125080	34648678	57.516	56.177
5)	L1 AR-1016-3	5.960	5.248	13234554	16738892	58.320	55.079
6)	L1 AR-1016-4	6.060	5.288	10937394	13437643	57.576	58.538
7)	L1 AR-1016-5	6.353	5.504	10441169	16824057	56.405	53.498
8)	L2 AR-1221-1	4.904	4.170	984660	2483157	13.394	14.912
9)	L2 AR-1221-2	5.005	4.262	2935073	6326346	53.571	51.311
10)	L2 AR-1221-3	5.074	4.335	6833463	15384350	38.522	39.919
11)	L3 AR-1232-1	5.074	4.335	6833463	15384350	48.735	50.448
12)	L3 AR-1232-2	5.607	5.070	10610780	34648678	143.886	140.539
13)	L3 AR-1232-3	5.897	5.248	22125080	16738892	147.376	138.808
14)	L3 AR-1232-4	6.060	5.331	10937394	15598541	147.060	159.364
15)	L3 AR-1232-5	6.147	5.504	9933956	16824057	179.686	149.763
16)	L4 AR-1242-1	5.874	5.051	15515754	26237291	80.701	84.163
17)	L4 AR-1242-2	5.897	5.070	22125080	34648678	81.343	81.092
18)	L4 AR-1242-3	5.960	5.248	13234554	16738892	81.617	78.767
19)	L4 AR-1242-4	6.060	5.331	10937394	15598541	80.643	80.938
20)	L4 AR-1242-5	6.797	5.856	1913668	16579303	12.539	53.715 #
21)	L5 AR-1248-1	5.874	5.051	15515754	26237291	102.306	103.998
22)	L5 AR-1248-2	6.147	5.288	9933956	13437643	48.730	49.048
23)	L5 AR-1248-3	6.353	5.331	10441169	15598541	45.856	55.622
24)	L5 AR-1248-4	6.756	5.504	2070131	16824057	7.647	46.559 #
25)	L5 AR-1248-5	6.797	5.897	1913668	4331428	7.478	10.329 #
26)	L6 AR-1254-1	6.730	5.856	7857632	16579303	29.982	26.714
27)	L6 AR-1254-2	6.946	6.003	8419473	15766889	20.692	28.370 #
28)	L6 AR-1254-3	7.317	6.422	5210000	32225624	11.834	34.051 #
29)	L6 AR-1254-4	7.601	6.635	3561775	4299561	10.552	5.967 #
30)	L6 AR-1254-5	8.019	7.053	27467051	49962140	77.195	58.504
31)	L7 AR-1260-1	7.478	6.537	19644273	36219777	58.860	53.114
32)	L7 AR-1260-2	7.733	6.724	23898460	52601407	58.521	52.673
33)	L7 AR-1260-3	8.093	6.879	18297566	42501865	58.855	52.404
34)	L7 AR-1260-4	8.331	7.351	20451670	36883441	55.991	51.140
35)	L7 AR-1260-5	8.668	7.591	41909666	105.8E6	53.711	48.956
36)	L8 AR-1262-1	8.093	7.091	18297566	47759718	41.333	39.533
37)	L8 AR-1262-2	8.668	7.591	41909666	105.8E6	49.205	47.495
38)	L8 AR-1262-3	9.017	7.875	28082180	26415685	50.943	29.875 #
39)	L8 AR-1262-4	9.076	7.939	17899709	71112653	41.975	48.388
40)	L8 AR-1262-5	9.793	8.452	13937285	26390603	45.108	38.653
41)	L9 AR-1268-1	9.017	7.875	28082180	26415685	26.697	9.884 #

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 ALS Vial : 30 Sample Multiplier: 1

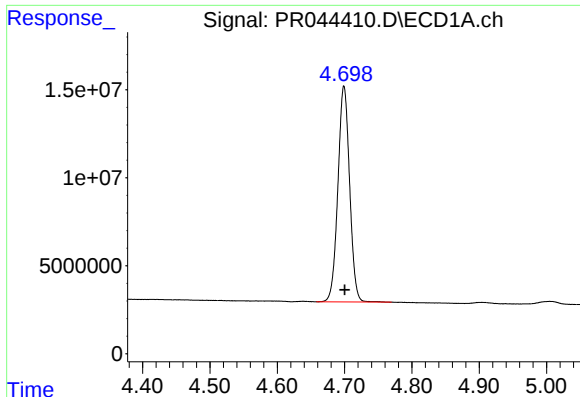
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
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 Quant Time: Jan 21 03:23:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.076	7.939	17899709	71112653	18.065	31.100 #
43) L9	AR-1268-3	9.335	8.149	1431997	4472270	1.731	2.295 #
44) L9	AR-1268-4	9.793	8.452	13937285	26390603	39.369	33.400
45) L9	AR-1268-5	10.233	8.765	4513481	9005368	1.568	1.606

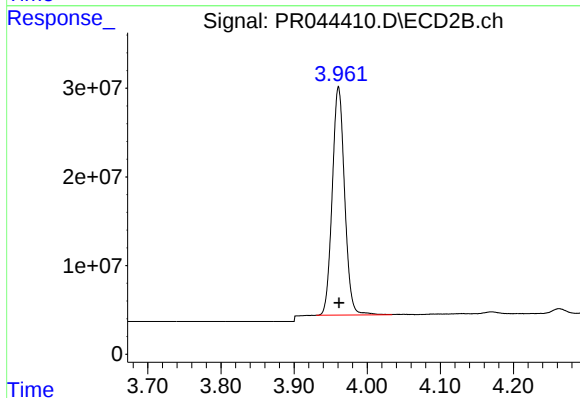
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

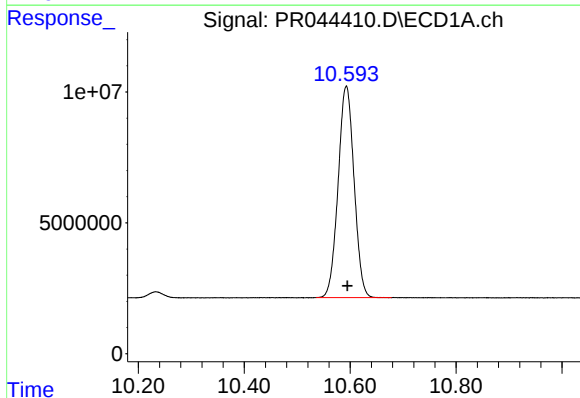
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 148204797
Conc: 19.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



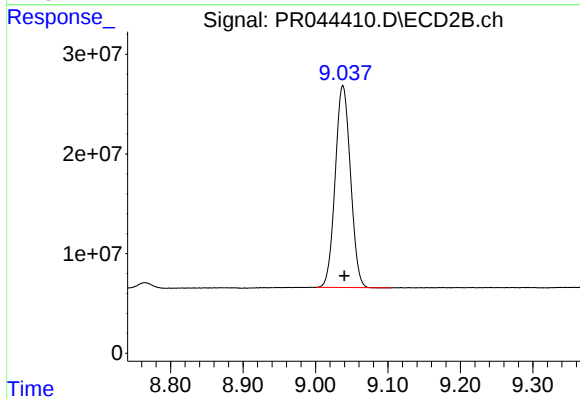
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 303052499
Conc: 19.16 ng/ml



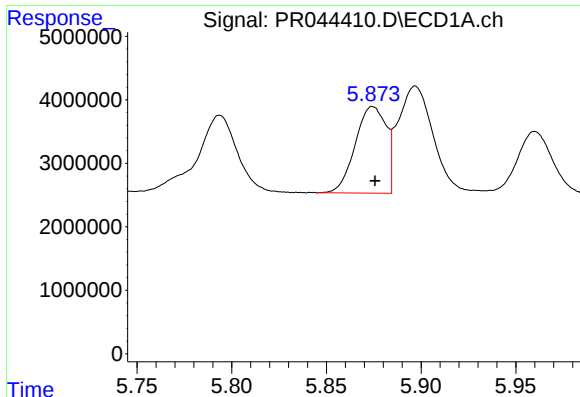
#2 Decachlorobiphenyl

R.T.: 10.593 min
Delta R.T.: -0.002 min
Response: 168852057
Conc: 22.10 ng/ml



#2 Decachlorobiphenyl

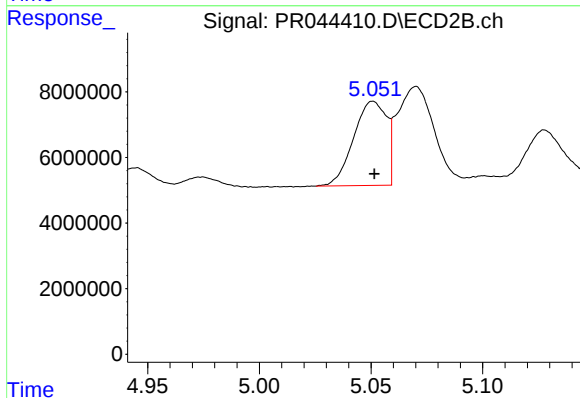
R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 296941581
Conc: 20.87 ng/ml



#3 AR-1016-1

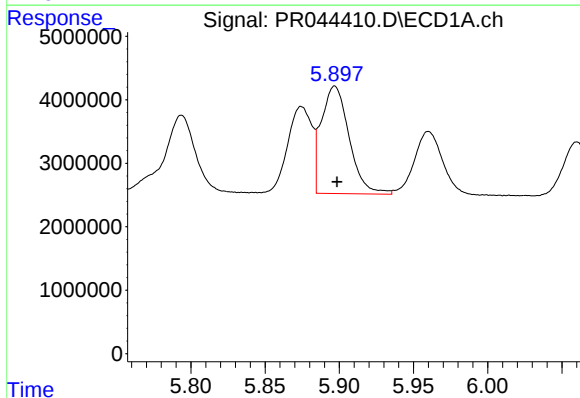
R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 15515754
Conc: 57.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



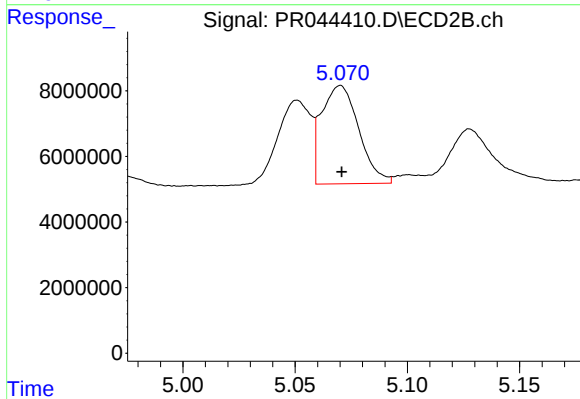
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 26237291
Conc: 58.16 ng/ml



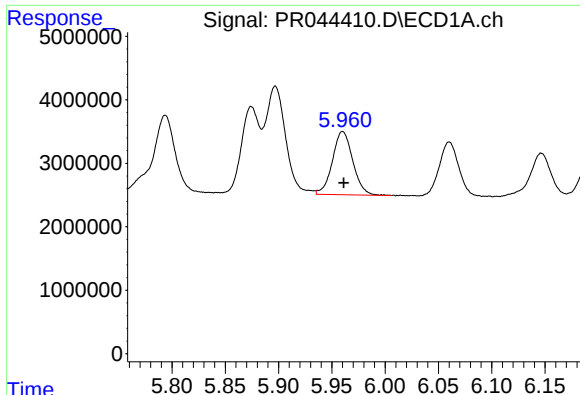
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 22125080
Conc: 57.52 ng/ml



#4 AR-1016-2

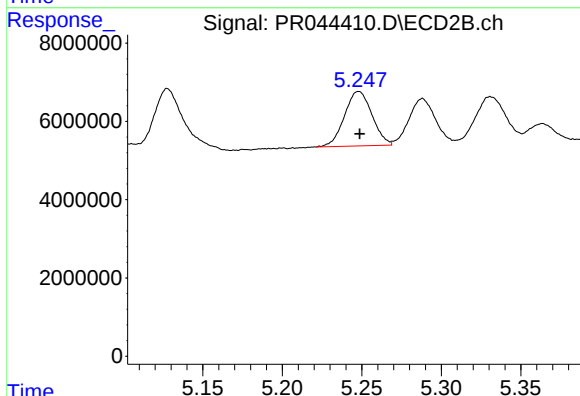
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 34648678
Conc: 56.18 ng/ml



#5 AR-1016-3

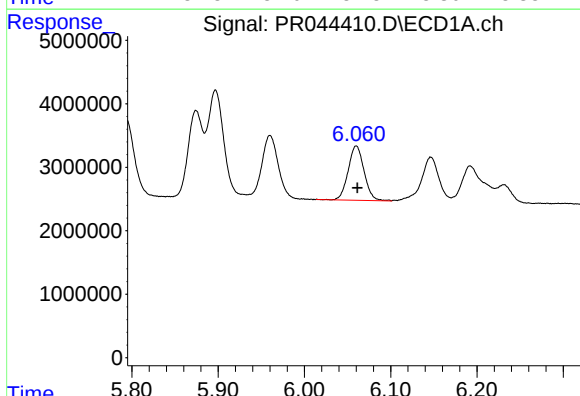
R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 13234554
Conc: 58.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



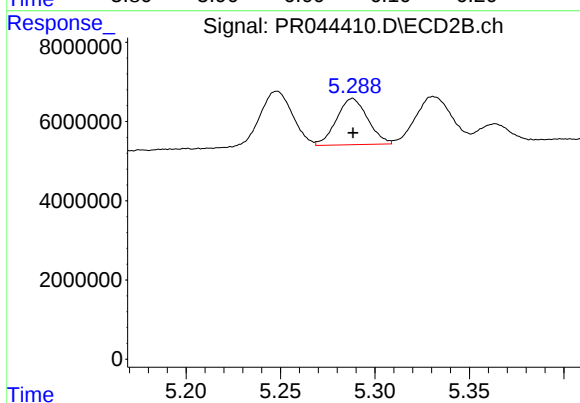
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 16738892
Conc: 55.08 ng/ml



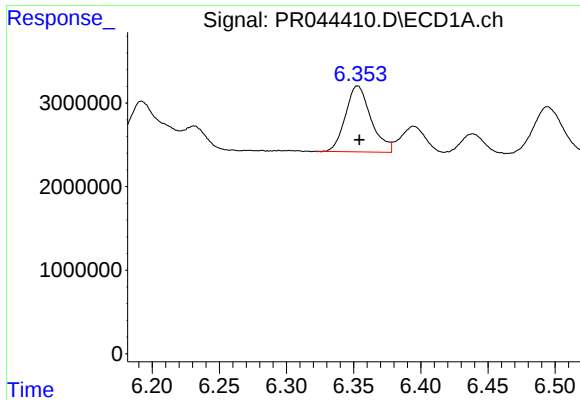
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 10937394
Conc: 57.58 ng/ml



#6 AR-1016-4

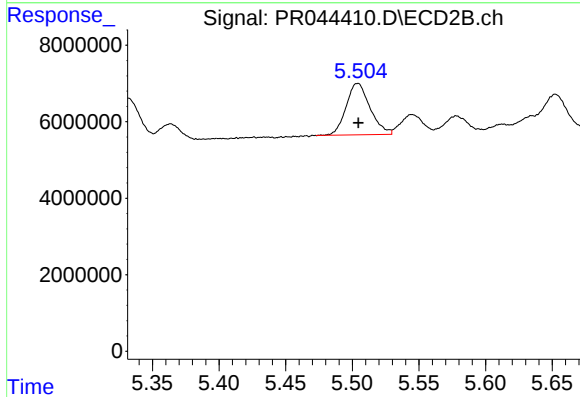
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 13437643
Conc: 58.54 ng/ml



#7 AR-1016-5

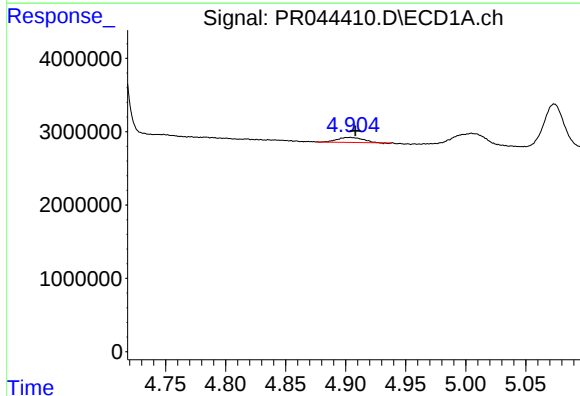
R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 10441169
Conc: 56.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



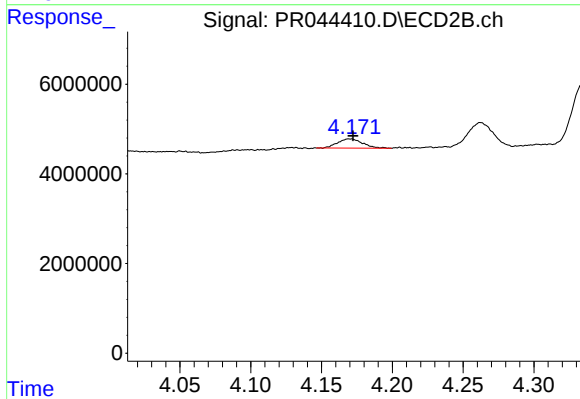
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16824057
Conc: 53.50 ng/ml



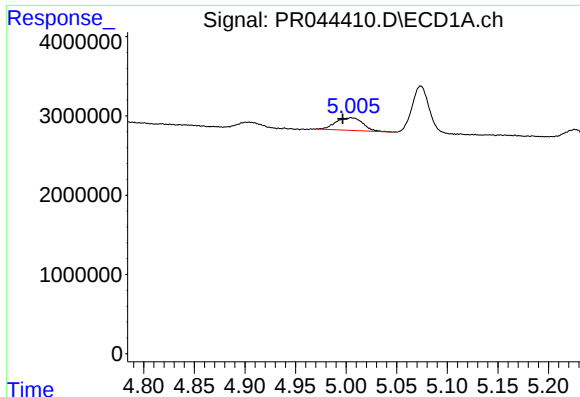
#8 AR-1221-1

R.T.: 4.904 min
Delta R.T.: -0.005 min
Response: 984660
Conc: 13.39 ng/ml



#8 AR-1221-1

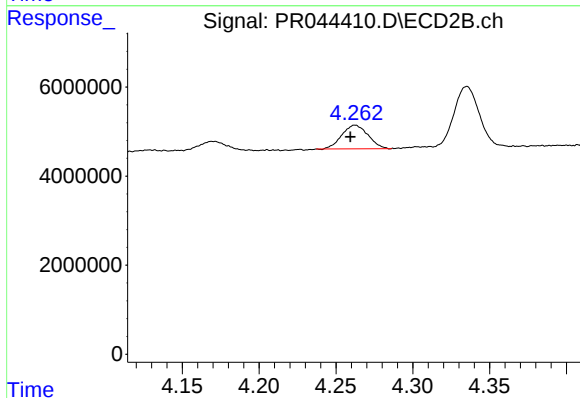
R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 2483157
Conc: 14.91 ng/ml



#9 AR-1221-2

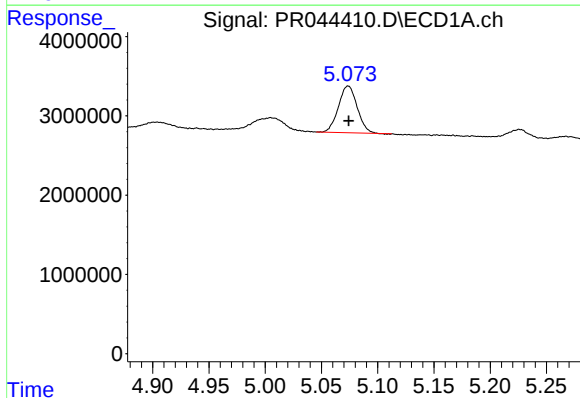
R.T.: 5.005 min
Delta R.T.: 0.008 min
Response: 2935073
Conc: 53.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



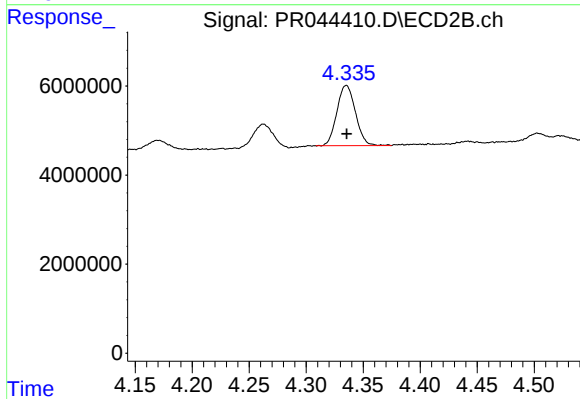
#9 AR-1221-2

R.T.: 4.262 min
Delta R.T.: 0.003 min
Response: 6326346
Conc: 51.31 ng/ml



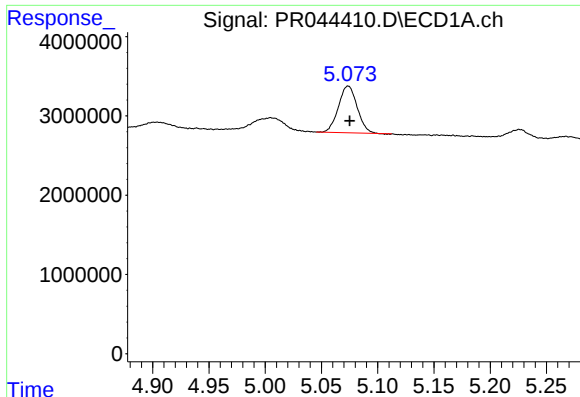
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 6833463
Conc: 38.52 ng/ml



#10 AR-1221-3

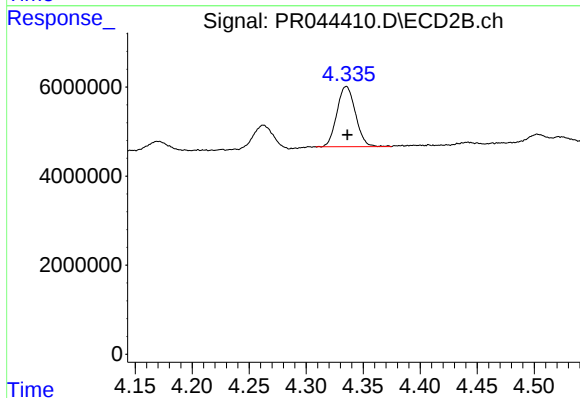
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 15384350
Conc: 39.92 ng/ml



#11 AR-1232-1

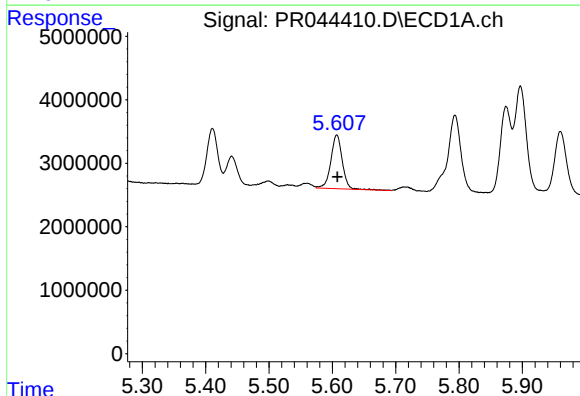
R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 6833463
Conc: 48.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



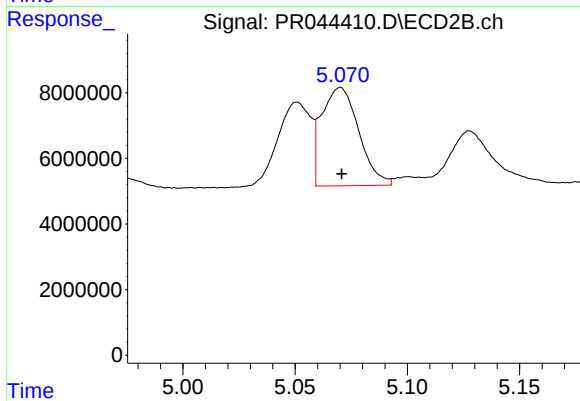
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 15384350
Conc: 50.45 ng/ml



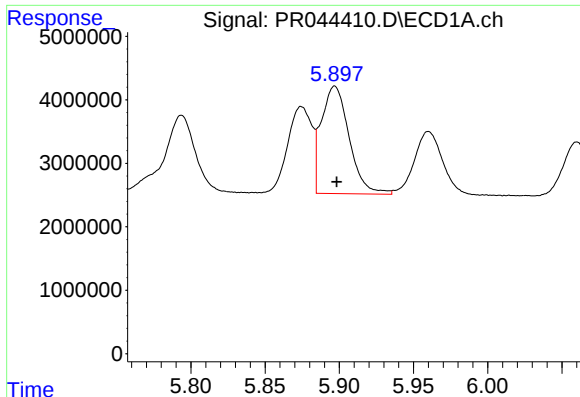
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 10610780
Conc: 143.89 ng/ml



#12 AR-1232-2

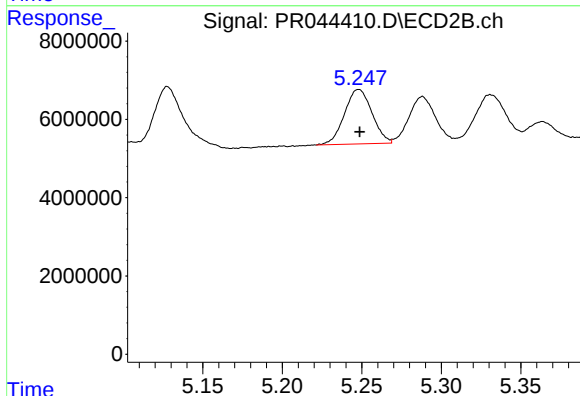
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 34648678
Conc: 140.54 ng/ml



#13 AR-1232-3

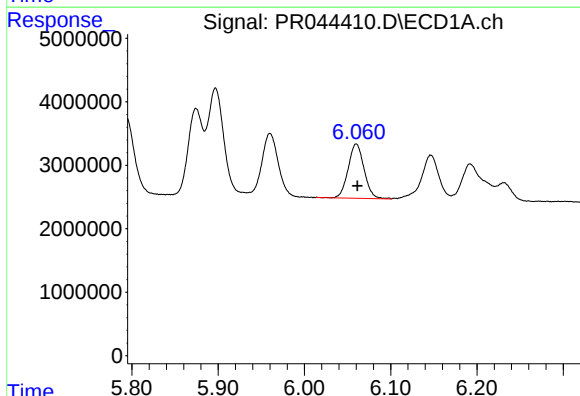
R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 22125080
Conc: 147.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



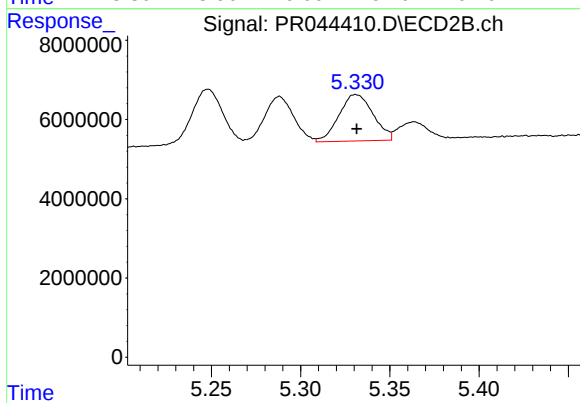
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 16738892
Conc: 138.81 ng/ml



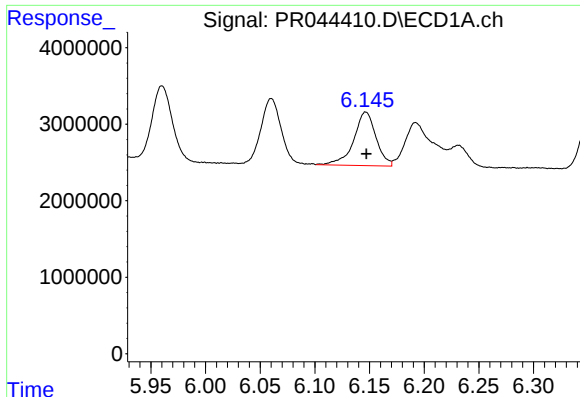
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 10937394
Conc: 147.06 ng/ml



#14 AR-1232-4

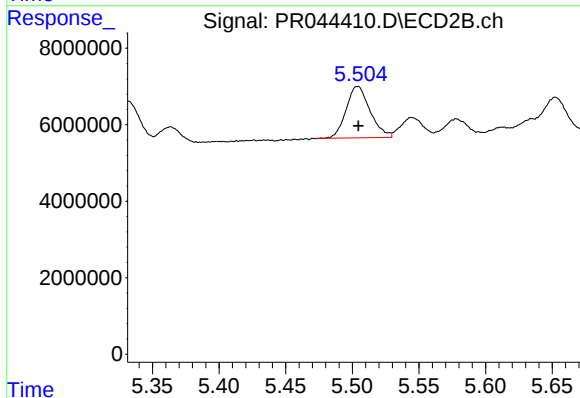
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 15598541
Conc: 159.36 ng/ml



#15 AR-1232-5

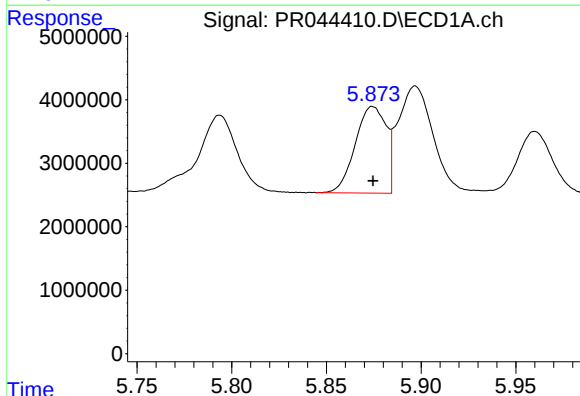
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 9933956
Conc: 179.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



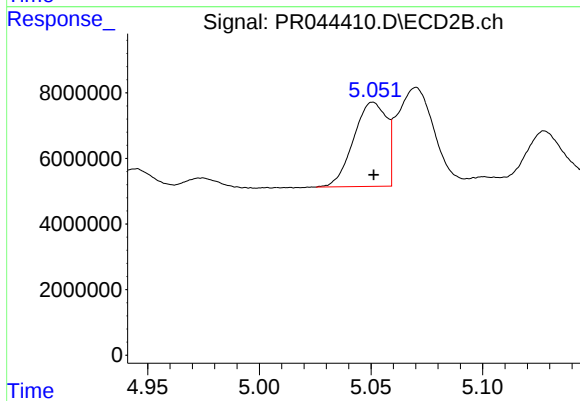
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16824057
Conc: 149.76 ng/ml



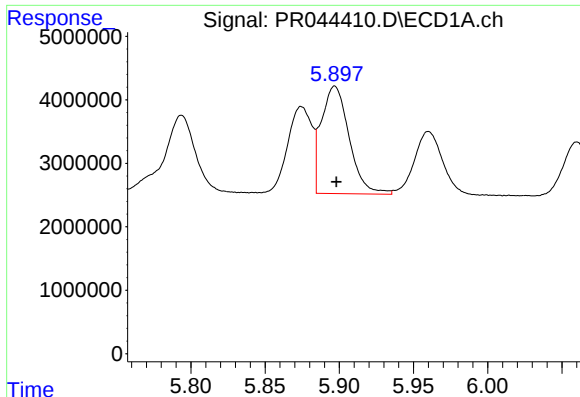
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 15515754
Conc: 80.70 ng/ml



#16 AR-1242-1

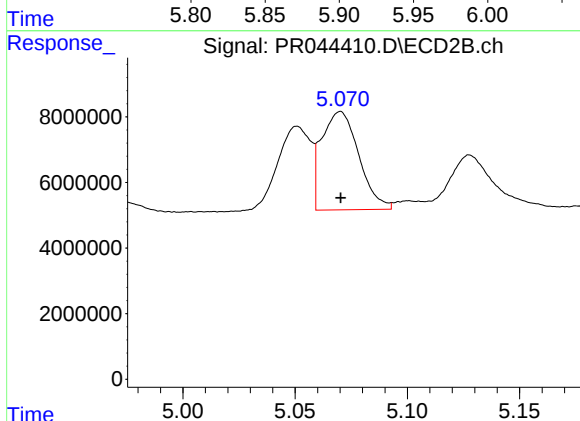
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 26237291
Conc: 84.16 ng/ml



#17 AR-1242-2

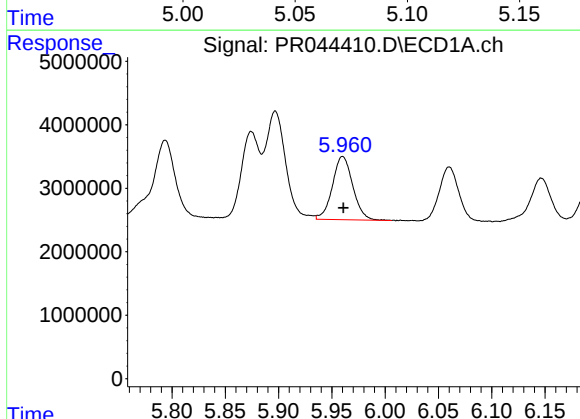
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 22125080
Conc: 81.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



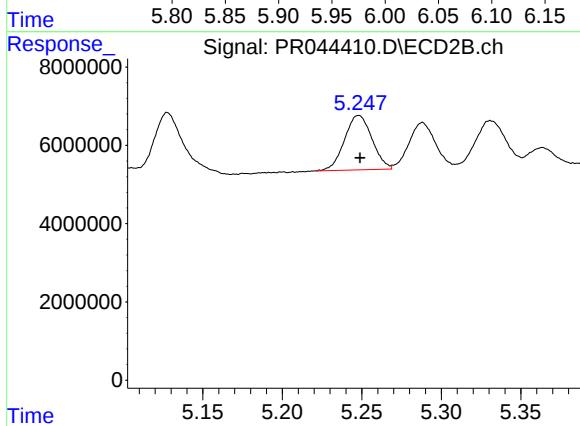
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 34648678
Conc: 81.09 ng/ml



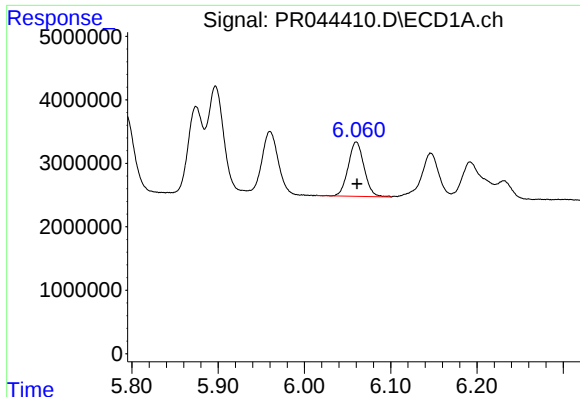
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 13234554
Conc: 81.62 ng/ml



#18 AR-1242-3

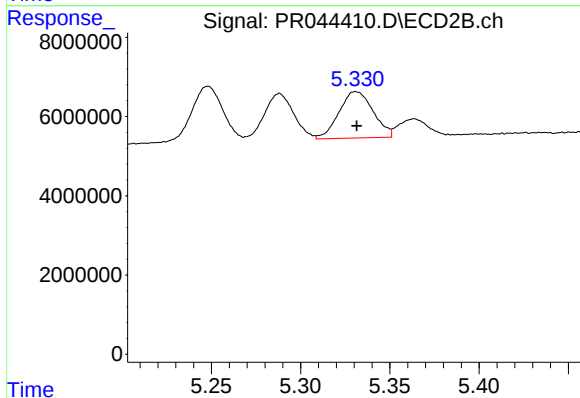
R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 16738892
Conc: 78.77 ng/ml



#19 AR-1242-4

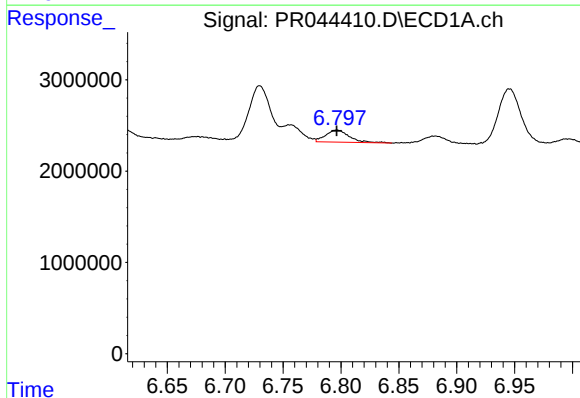
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 10937394
Conc: 80.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



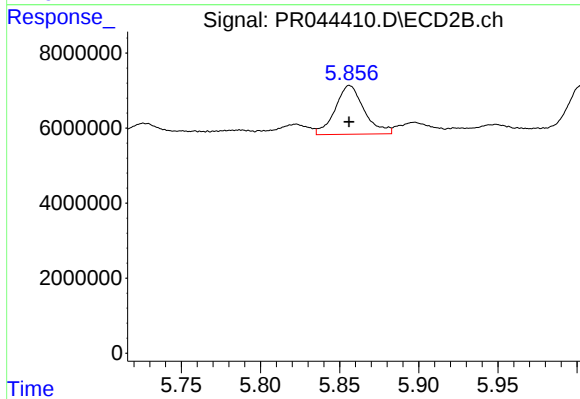
#19 AR-1242-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 15598541
Conc: 80.94 ng/ml



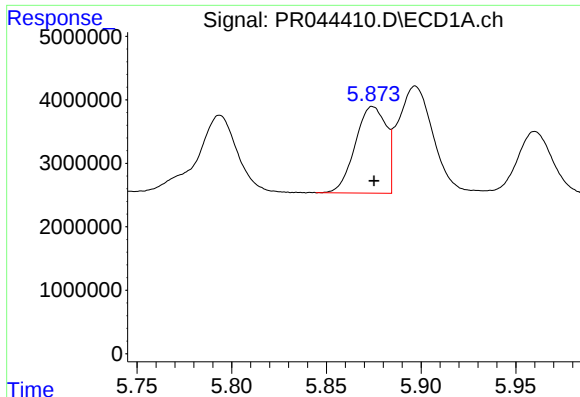
#20 AR-1242-5

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1913668
Conc: 12.54 ng/ml



#20 AR-1242-5

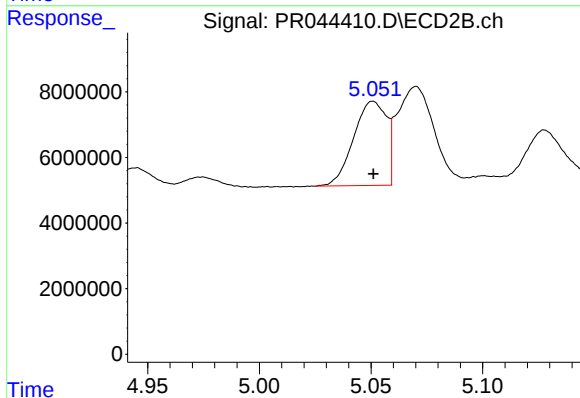
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 16579303
Conc: 53.71 ng/ml



#21 AR-1248-1

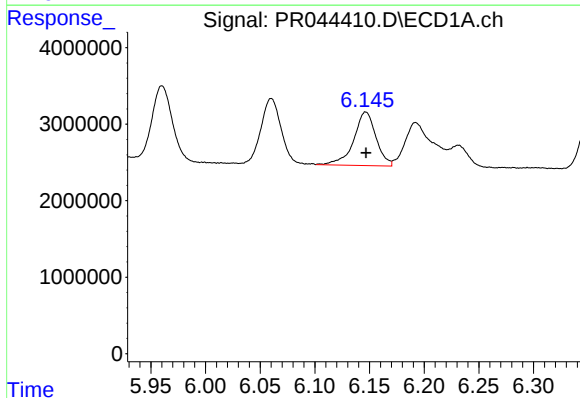
R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 15515754
Conc: 102.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



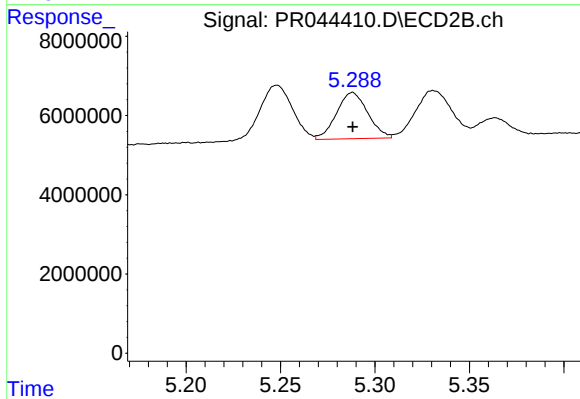
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 26237291
Conc: 104.00 ng/ml



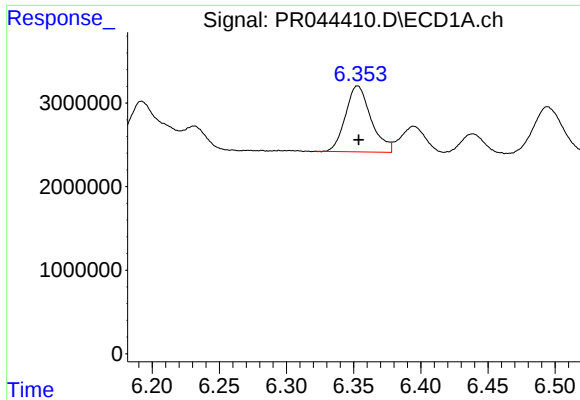
#22 AR-1248-2

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 9933956
Conc: 48.73 ng/ml



#22 AR-1248-2

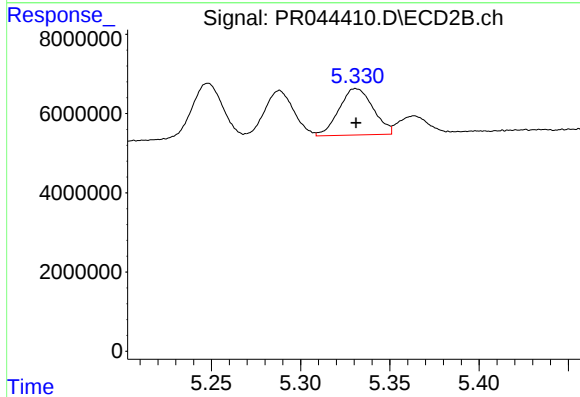
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 13437643
Conc: 49.05 ng/ml



#23 AR-1248-3

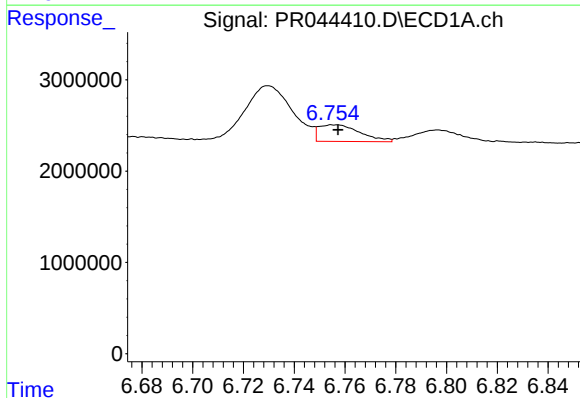
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 10441169
Conc: 45.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



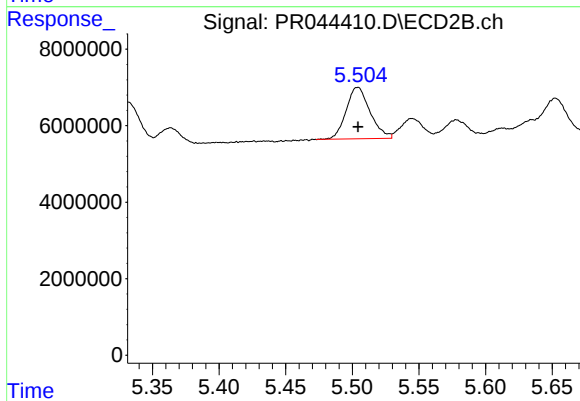
#23 AR-1248-3

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 15598541
Conc: 55.62 ng/ml



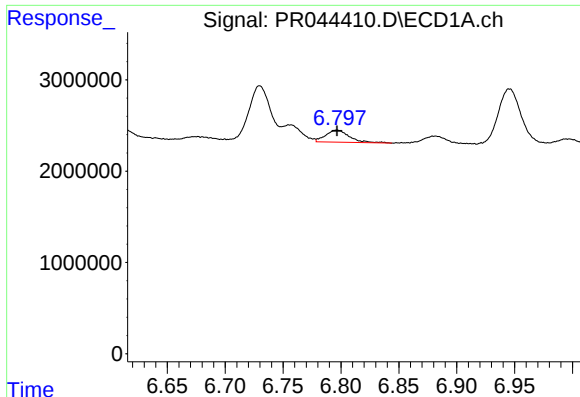
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 2070131
Conc: 7.65 ng/ml



#24 AR-1248-4

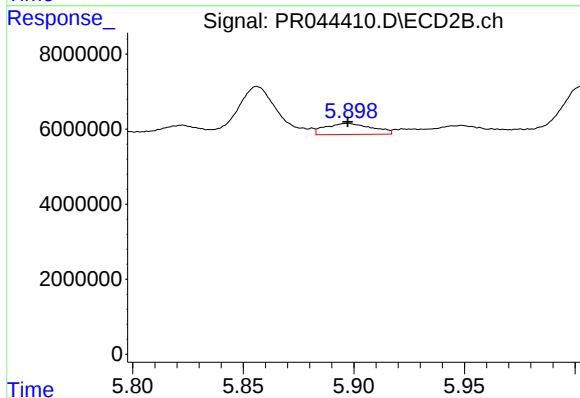
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 16824057
Conc: 46.56 ng/ml



#25 AR-1248-5

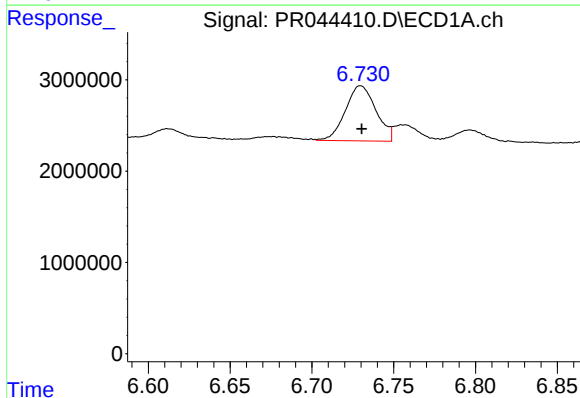
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1913668
Conc: 7.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



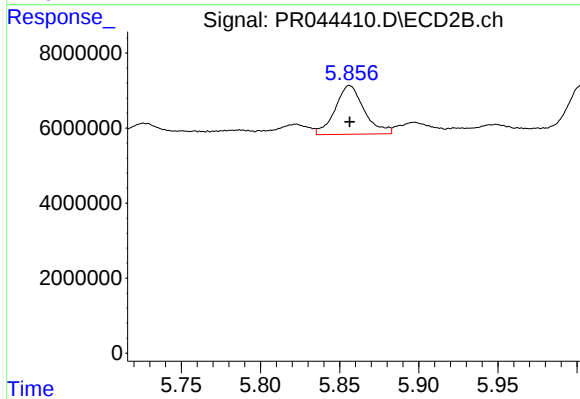
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 4331428
Conc: 10.33 ng/ml



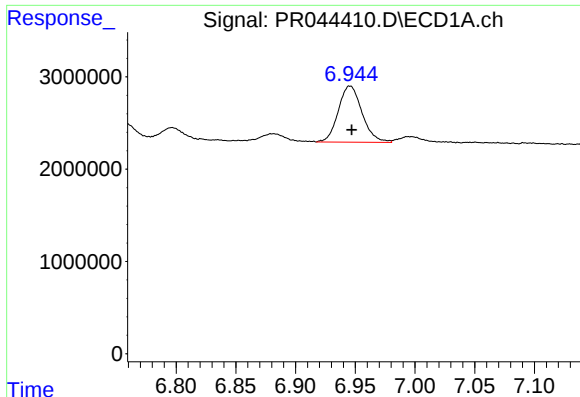
#26 AR-1254-1

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 7857632
Conc: 29.98 ng/ml



#26 AR-1254-1

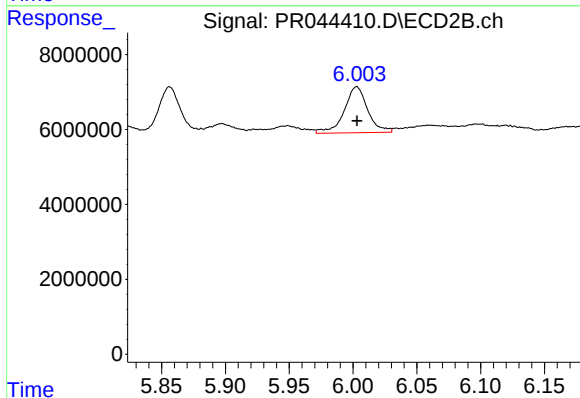
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 16579303
Conc: 26.71 ng/ml



#27 AR-1254-2

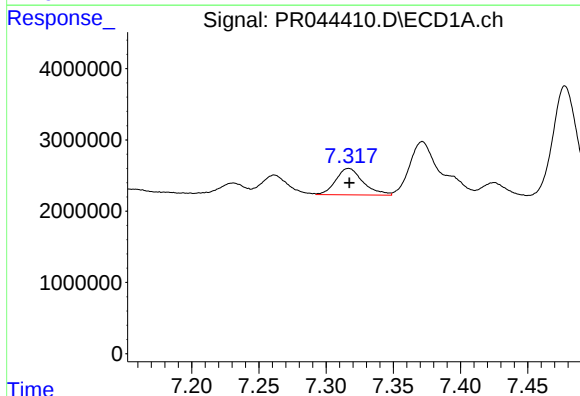
R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 8419473
Conc: 20.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



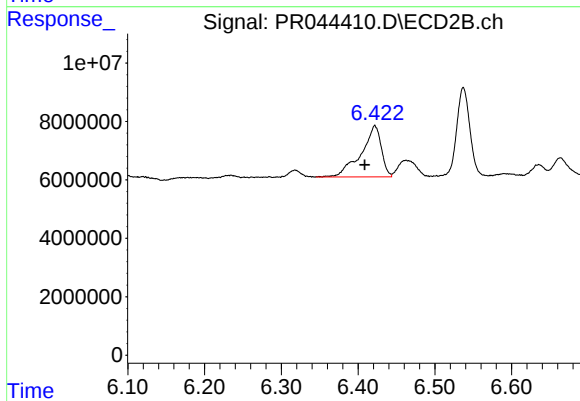
#27 AR-1254-2

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 15766889
Conc: 28.37 ng/ml



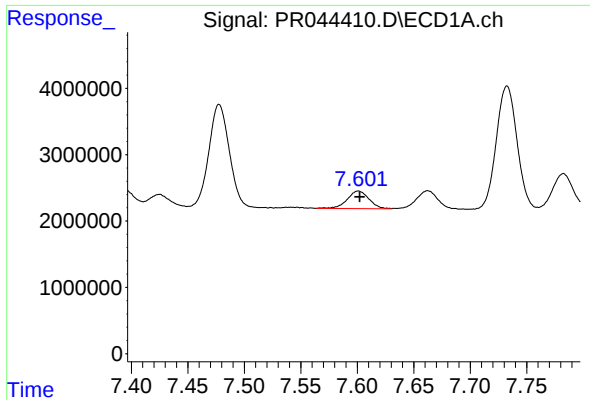
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 5210000
Conc: 11.83 ng/ml



#28 AR-1254-3

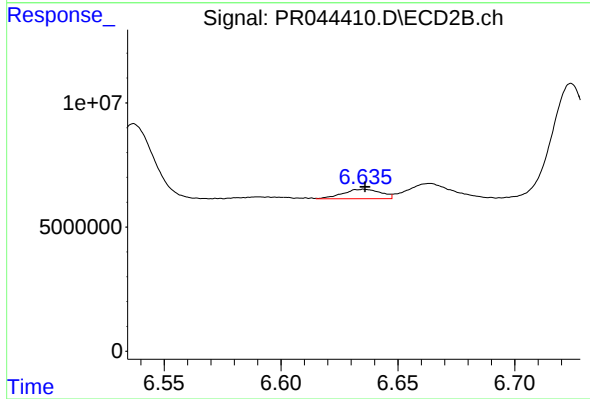
R.T.: 6.422 min
Delta R.T.: 0.013 min
Response: 32225624
Conc: 34.05 ng/ml



#29 AR-1254-4

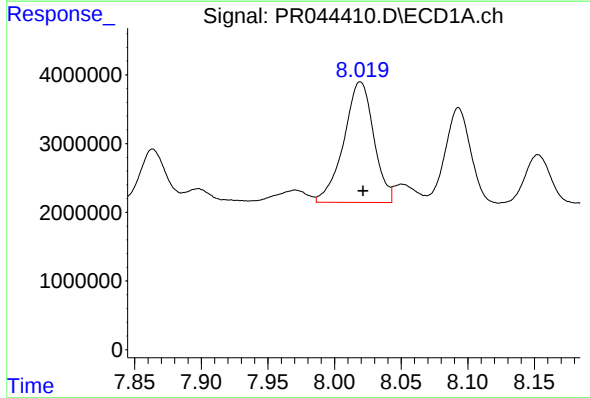
R.T.: 7.601 min
Delta R.T.: -0.001 min
Response: 3561775
Conc: 10.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



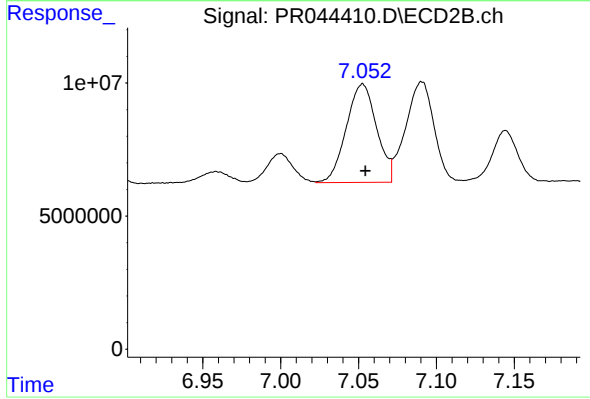
#29 AR-1254-4

R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 4299561
Conc: 5.97 ng/ml



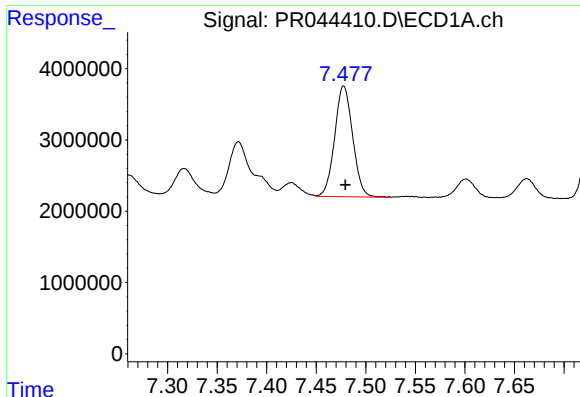
#30 AR-1254-5

R.T.: 8.019 min
Delta R.T.: -0.002 min
Response: 27467051
Conc: 77.20 ng/ml



#30 AR-1254-5

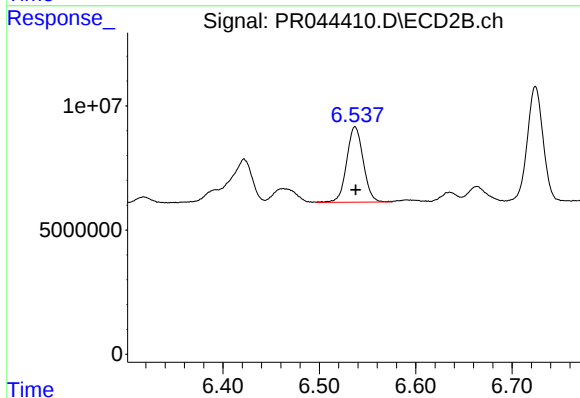
R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 49962140
Conc: 58.50 ng/ml



#31 AR-1260-1

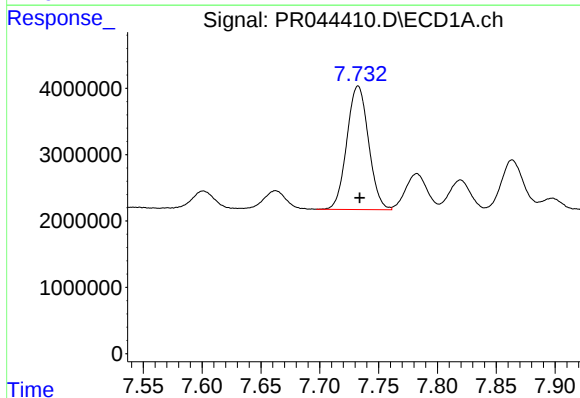
R.T.: 7.478 min
Delta R.T.: -0.002 min
Response: 19644273
Conc: 58.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



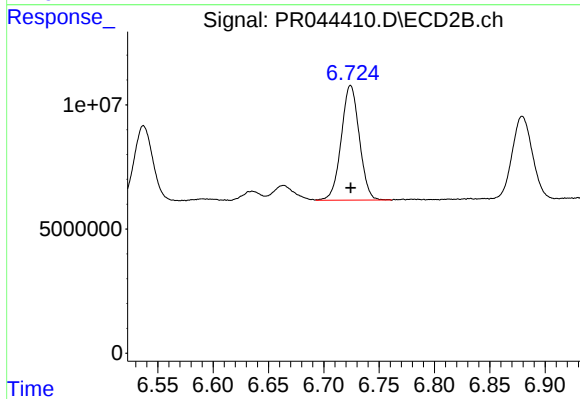
#31 AR-1260-1

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 36219777
Conc: 53.11 ng/ml



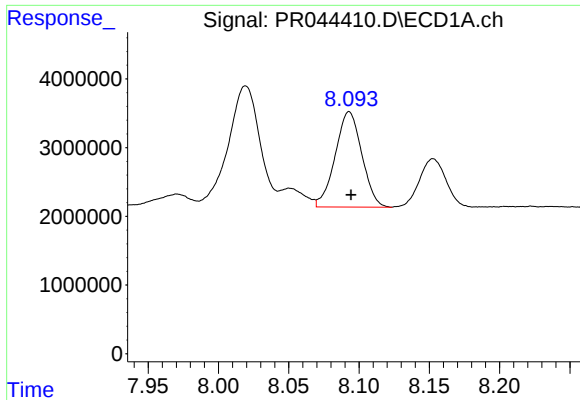
#32 AR-1260-2

R.T.: 7.733 min
Delta R.T.: -0.001 min
Response: 23898460
Conc: 58.52 ng/ml



#32 AR-1260-2

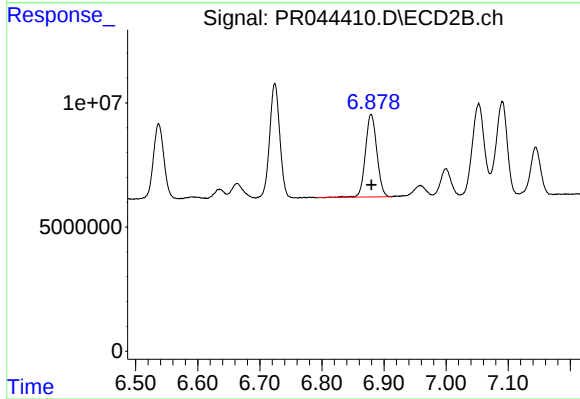
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 52601407
Conc: 52.67 ng/ml



#33 AR-1260-3

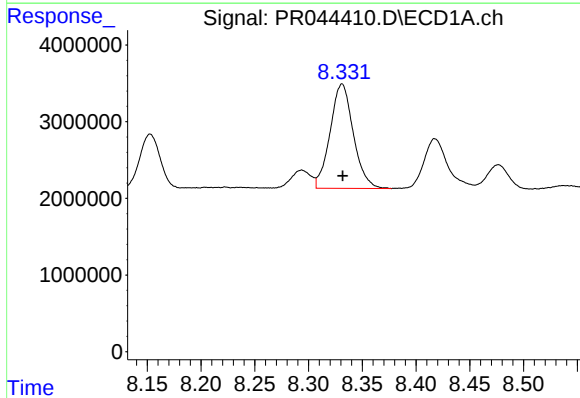
R.T.: 8.093 min
Delta R.T.: -0.001 min
Response: 18297566
Conc: 58.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



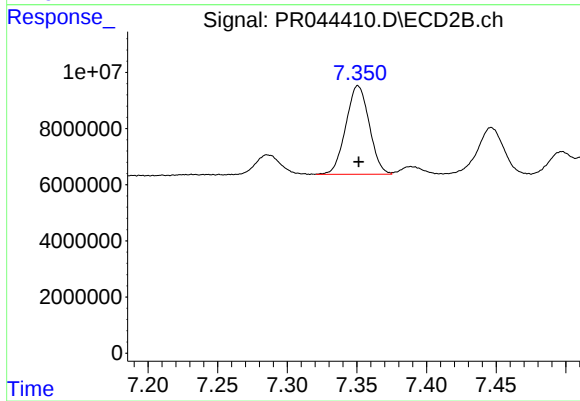
#33 AR-1260-3

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 42501865
Conc: 52.40 ng/ml



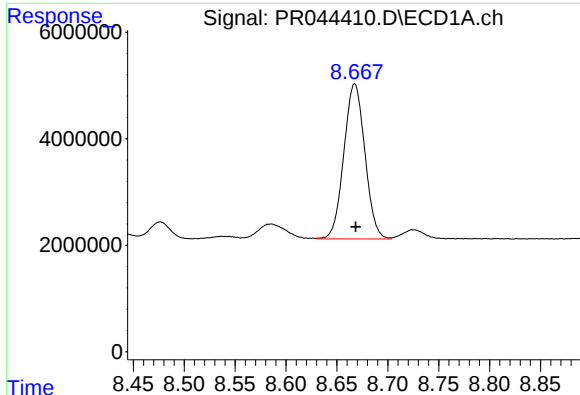
#34 AR-1260-4

R.T.: 8.331 min
Delta R.T.: 0.000 min
Response: 20451670
Conc: 55.99 ng/ml



#34 AR-1260-4

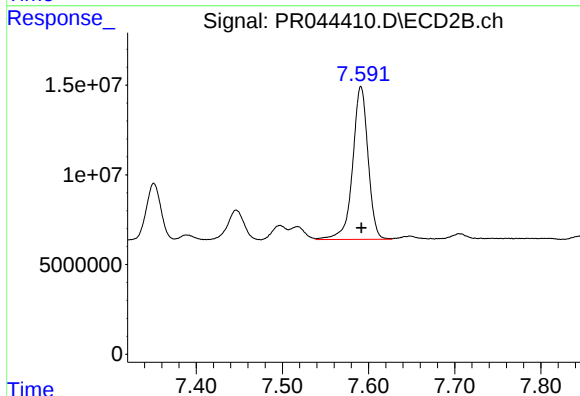
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 36883441
Conc: 51.14 ng/ml



#35 AR-1260-5

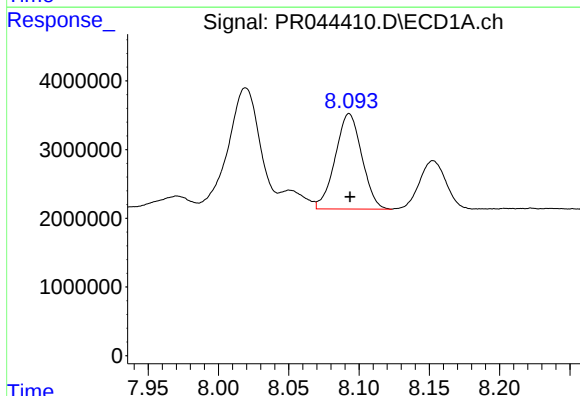
R.T.: 8.668 min
Delta R.T.: -0.001 min
Response: 41909666
Conc: 53.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



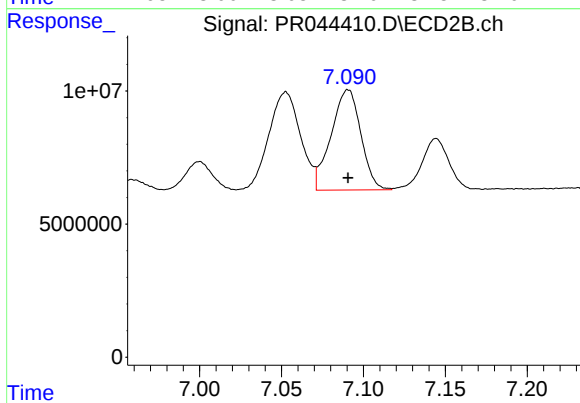
#35 AR-1260-5

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 105847563
Conc: 48.96 ng/ml



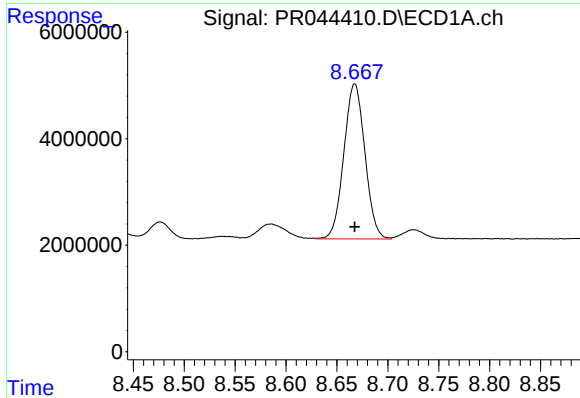
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 18297566
Conc: 41.33 ng/ml



#36 AR-1262-1

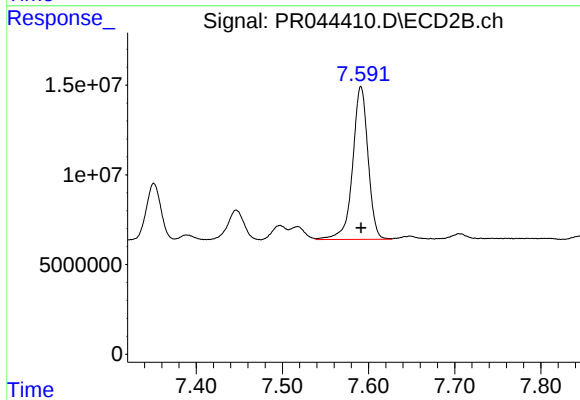
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 47759718
Conc: 39.53 ng/ml



#37 AR-1262-2

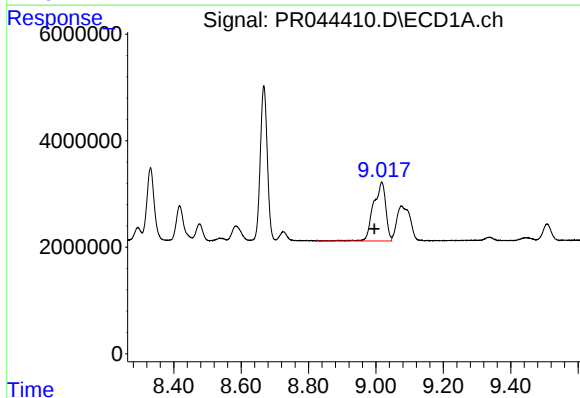
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 41909666
Conc: 49.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



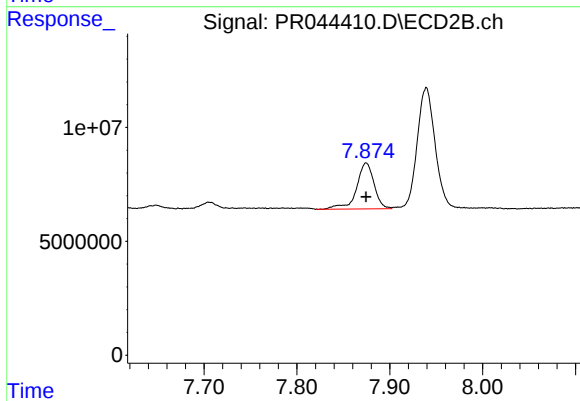
#37 AR-1262-2

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 105847563
Conc: 47.50 ng/ml



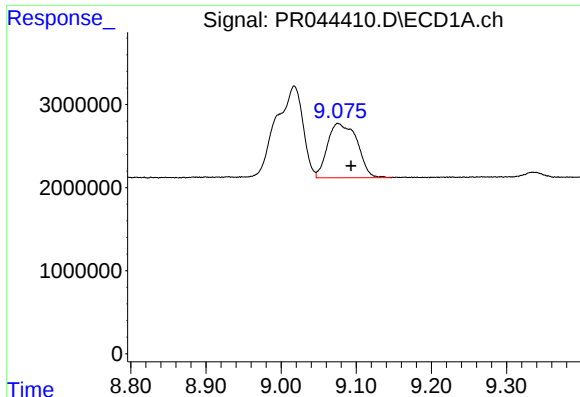
#38 AR-1262-3

R.T.: 9.017 min
Delta R.T.: 0.021 min
Response: 28082180
Conc: 50.94 ng/ml



#38 AR-1262-3

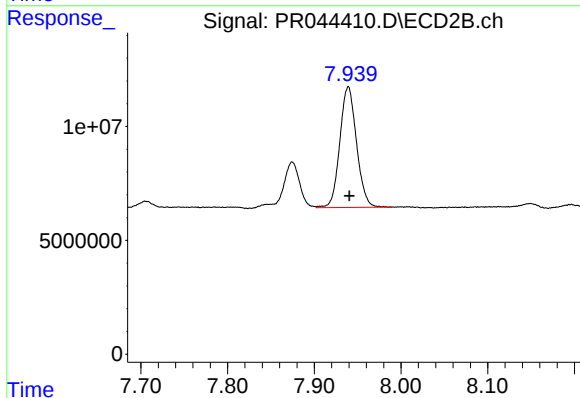
R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 26415685
Conc: 29.87 ng/ml



#39 AR-1262-4

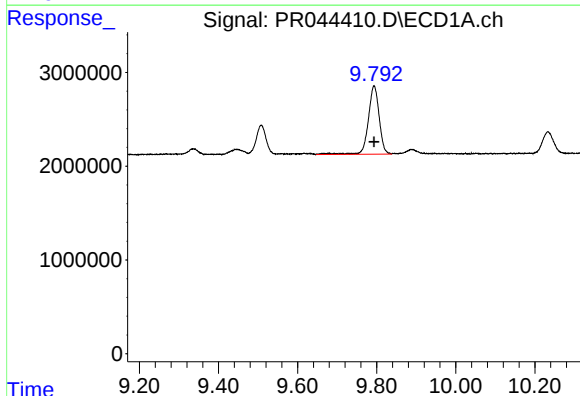
R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 17899709
Conc: 41.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



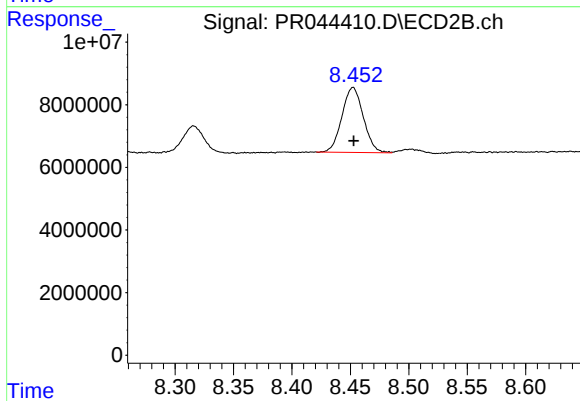
#39 AR-1262-4

R.T.: 7.939 min
Delta R.T.: -0.001 min
Response: 71112653
Conc: 48.39 ng/ml



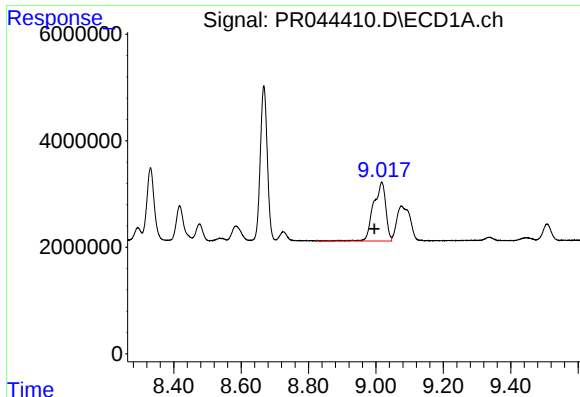
#40 AR-1262-5

R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 13937285
Conc: 45.11 ng/ml



#40 AR-1262-5

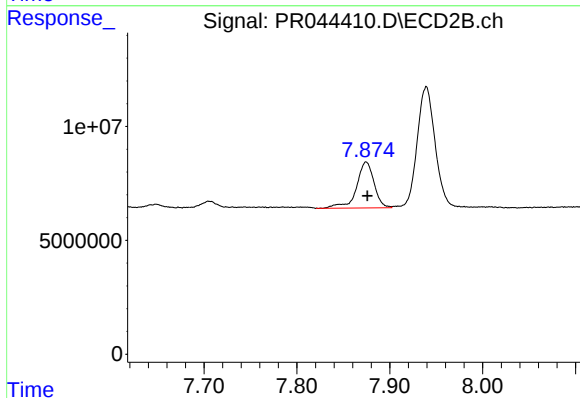
R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 26390603
Conc: 38.65 ng/ml



#41 AR-1268-1

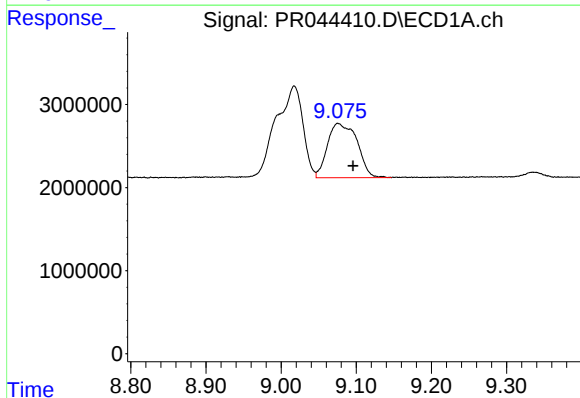
R.T.: 9.017 min
Delta R.T.: 0.022 min
Response: 28082180
Conc: 26.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



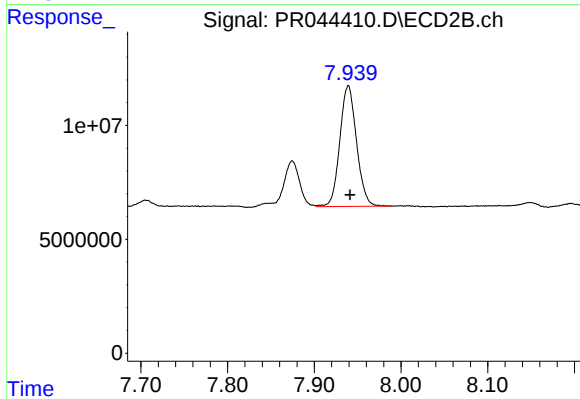
#41 AR-1268-1

R.T.: 7.875 min
Delta R.T.: -0.001 min
Response: 26415685
Conc: 9.88 ng/ml



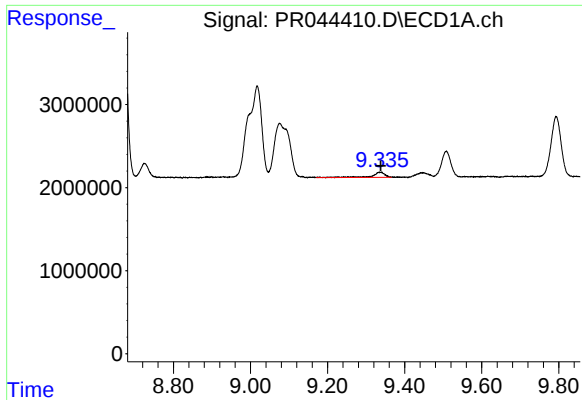
#42 AR-1268-2

R.T.: 9.076 min
Delta R.T.: -0.020 min
Response: 17899709
Conc: 18.06 ng/ml



#42 AR-1268-2

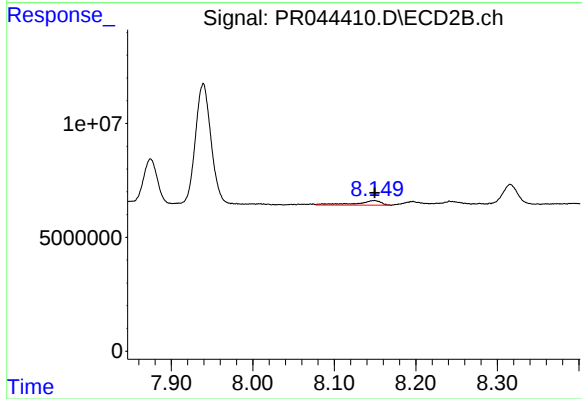
R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 71112653
Conc: 31.10 ng/ml



#43 AR-1268-3

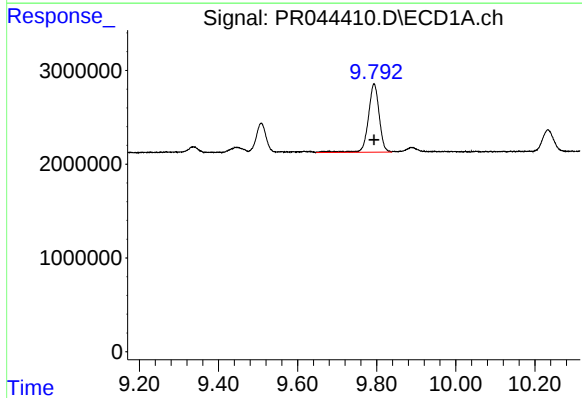
R.T.: 9.335 min
Delta R.T.: -0.003 min
Response: 1431997
Conc: 1.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



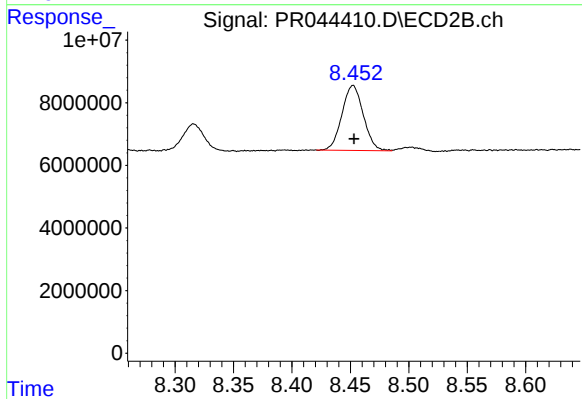
#43 AR-1268-3

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 4472270
Conc: 2.30 ng/ml



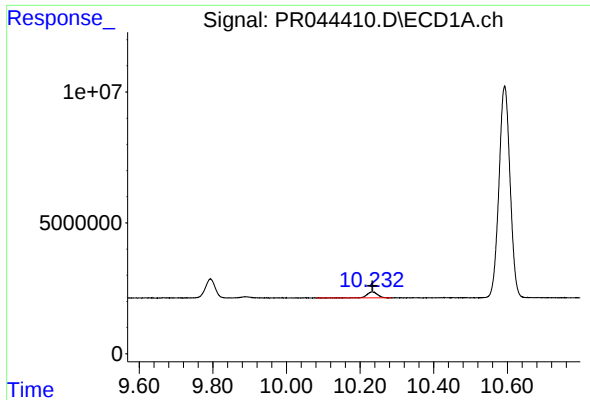
#44 AR-1268-4

R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 13937285
Conc: 39.37 ng/ml



#44 AR-1268-4

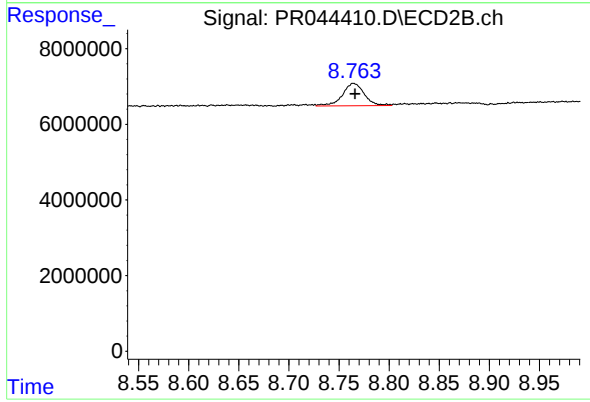
R.T.: 8.452 min
Delta R.T.: 0.000 min
Response: 26390603
Conc: 33.40 ng/ml



#45 AR-1268-5

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 4513481
Conc: 1.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.765 min
Delta R.T.: -0.001 min
Response: 9005368
Conc: 1.61 ng/ml