

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060719\
 Data File : PR038545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2019 14:29
 Operator : SM\MA
 Sample : K3211-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 14:41:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 01:26:25 2019
 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...	3.772	4.619	41899984	143.2E6	19.660	20.242
2)	SA Decachlor...	8.735	10.374	35110600	93665742	14.052	15.221
Target Compounds							
3)	L1 AR-1016-1	4.845	5.776	9076801	29992905	110.533	111.910
4)	L1 AR-1016-2	4.863	5.798	13673680	42892306	102.490	111.874
5)	L1 AR-1016-3	5.037	5.860	7206542	26149920	111.358	114.706
6)	L1 AR-1016-4	5.077	5.959	5717908	20370314	110.243	107.985
7)	L1 AR-1016-5	5.288	6.249	7501288	20252963	109.797	108.532
9)	L2 AR-1221-2	4.070	4.911	1803698	4741485	58.571	51.514
10)	L2 AR-1221-3	4.144	4.988	4413864	14459647	44.793	48.415
11)	L3 AR-1232-1	4.144	4.988	4413864	14459647	62.137	67.862
12)	L3 AR-1232-2	4.863	5.512	13673680	20089298	157.313	176.412
13)	L3 AR-1232-3	5.037	5.798	7206542	42892306	173.831	173.093
14)	L3 AR-1232-4	5.118	5.959	7150163	20370314	198.558	168.463
15)	L3 AR-1232-5	5.288	6.045	7501288	17708450	184.267	204.006
16)	L4 AR-1242-1	4.845	5.776	9076801	29992905	85.448	84.661
17)	L4 AR-1242-2	4.863	5.798	13673680	42892306	77.406	84.258
18)	L4 AR-1242-3	5.037	5.860	7206542	26149920	84.976	86.920
19)	L4 AR-1242-4	5.118	5.959	7150163	20370314	88.499	81.065
20)	L4 AR-1242-5	5.635	6.621	5450669	18561458	46.541	64.299 #
21)	L5 AR-1248-1	4.845	5.776	9076801	29992905	103.420	107.417
22)	L5 AR-1248-2	5.077	6.045	5717908	17708450	48.770	48.510
23)	L5 AR-1248-3	5.118	6.249	7150163	20252963	59.133	47.683
24)	L5 AR-1248-4	5.288	6.621	7501288	18561458	49.731	36.779 #
25)	L5 AR-1248-5	5.635	6.621	5450669	18561458	33.653	38.868
26)	L6 AR-1254-1	5.635	6.621	5450669	18561458	24.664	39.902 #
27)	L6 AR-1254-2	5.779	6.835	5647602	16393778	29.793	24.704
28)	L6 AR-1254-3	6.192	7.201	12213162	10971545	38.790	14.487 #
29)	L6 AR-1254-4	6.402	7.483	1764250	6534245	8.201	11.339 #
30)	L6 AR-1254-5	6.815	7.898	20445202	53363274	72.055	87.515
31)	L7 AR-1260-1	6.306	7.361	15097115	37868427	114.205	110.204
32)	L7 AR-1260-2	6.491	7.614	18277899	43152641	107.170	106.475
33)	L7 AR-1260-3	6.643	7.970	16337487	26140035	108.211	85.873
34)	L7 AR-1260-4	7.110	8.200	11602747	29771248	89.764	83.634
35)	L7 AR-1260-5	7.348	8.526	28612218	55967717	83.959	77.004
36)	L8 AR-1262-1	6.906	7.970	6274817	26140035	52.437	36.956 #
37)	L8 AR-1262-2	7.348	8.526	28612218	55967717	44.355	39.514
38)	L8 AR-1262-3	7.630	8.864	5581673	34830798	20.471	38.460 #
39)	L8 AR-1262-4	7.693	8.919	19751437	18506628	40.355	27.346 #
40)	L8 AR-1262-5	8.186	9.609	5394143	13143459	24.488	26.724
41)	L9 AR-1268-1	7.630	8.864	5581673	34830798	10.778	31.890 #
42)	L9 AR-1268-2	7.693	8.919	19751437	18506628	42.205	18.401 #

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 Acq On : 07 Jun 2019 14:29
 Operator : SM\MA
 Sample : K3211-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

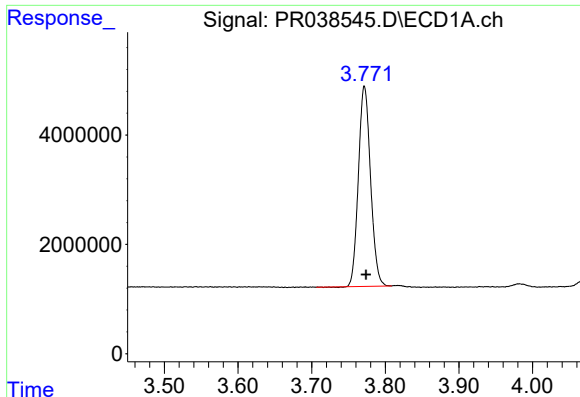
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 14:41:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.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
44) L9	AR-1268-4	8.186	9.609	5394143	13143459	33.355	36.847
45) L9	AR-1268-5	8.479	10.030	1687968	4329116	1.386	1.590

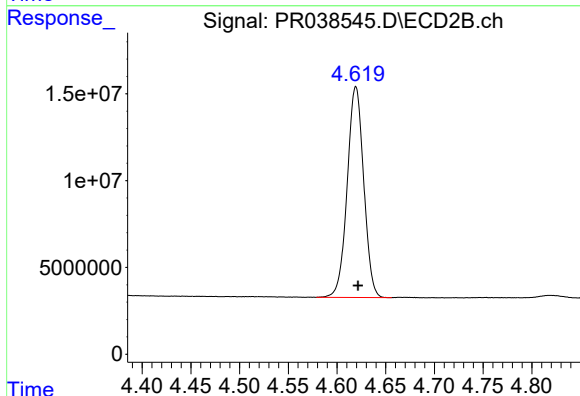
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

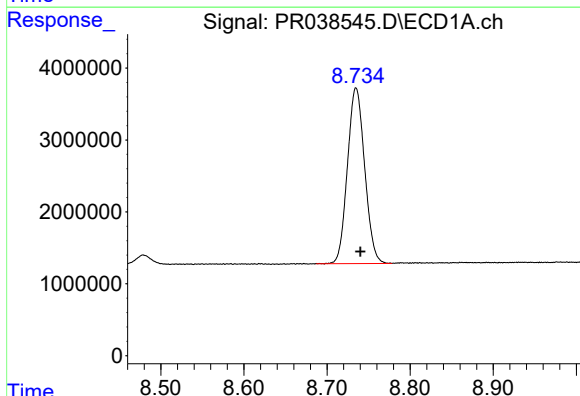
R.T.: 3.772 min
Delta R.T.: -0.002 min
Response: 41899984
Conc: 19.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



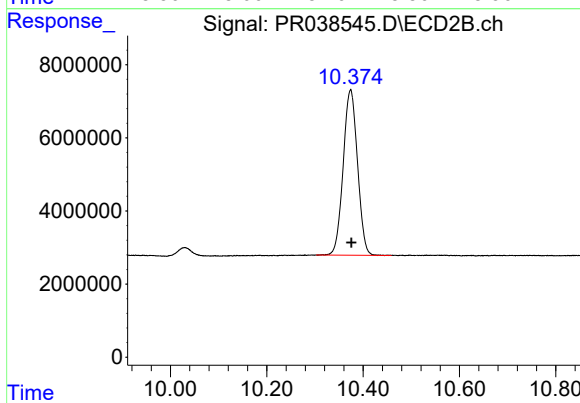
#1 Tetrachloro-m-xylene

R.T.: 4.619 min
Delta R.T.: -0.002 min
Response: 143196466
Conc: 20.24 ng/ml



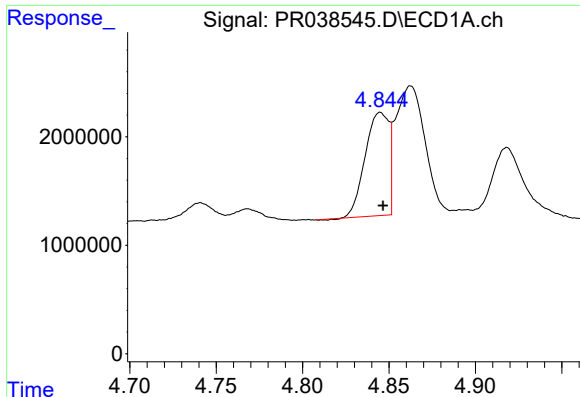
#2 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.005 min
Response: 35110600
Conc: 14.05 ng/ml



#2 Decachlorobiphenyl

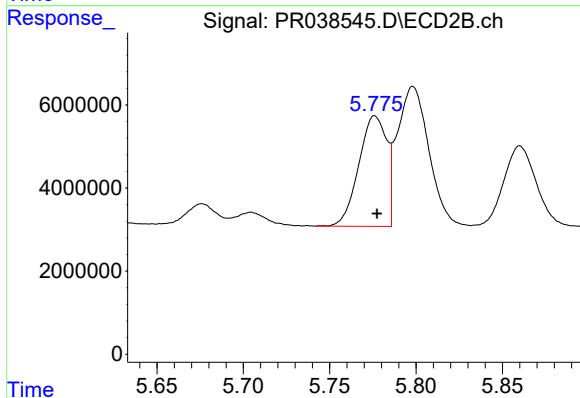
R.T.: 10.374 min
Delta R.T.: -0.002 min
Response: 93665742
Conc: 15.22 ng/ml



#3 AR-1016-1

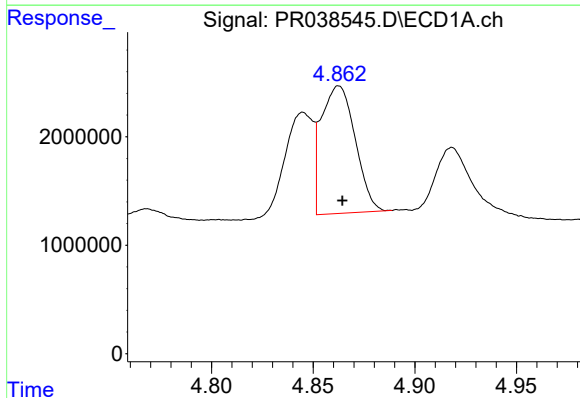
R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 9076801
Conc: 110.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



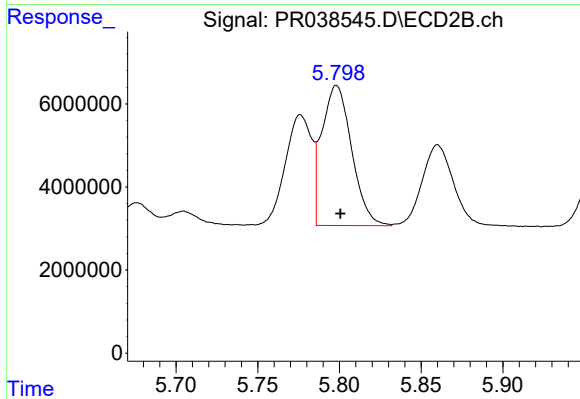
#3 AR-1016-1

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 29992905
Conc: 111.91 ng/ml



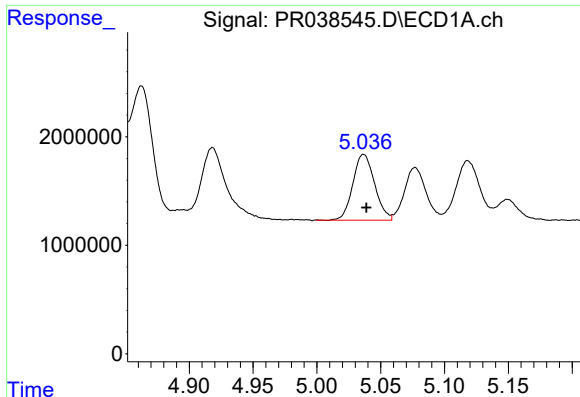
#4 AR-1016-2

R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 13673680
Conc: 102.49 ng/ml



#4 AR-1016-2

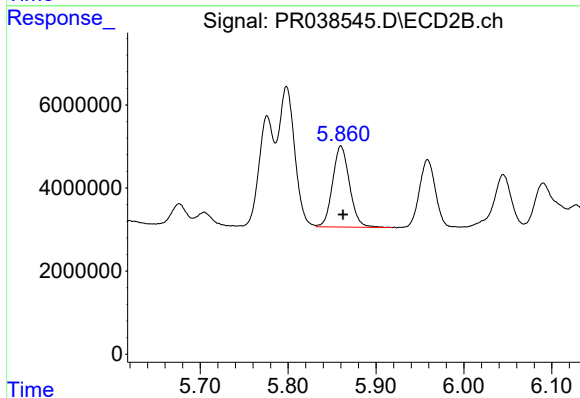
R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 42892306
Conc: 111.87 ng/ml



#5 AR-1016-3

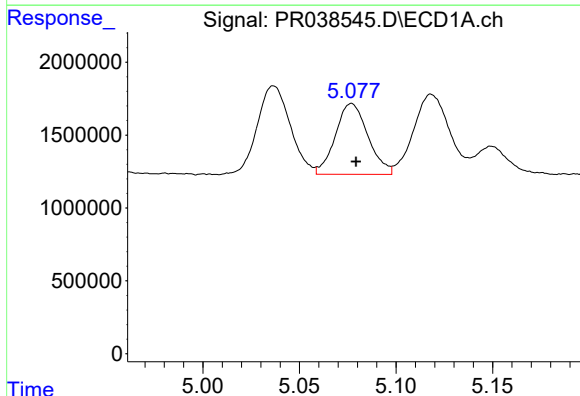
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 7206542
Conc: 111.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



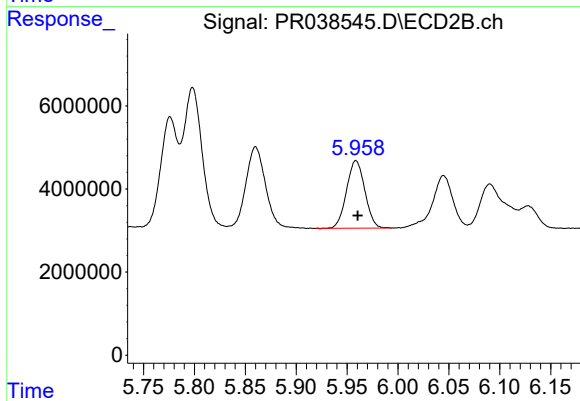
#5 AR-1016-3

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 26149920
Conc: 114.71 ng/ml



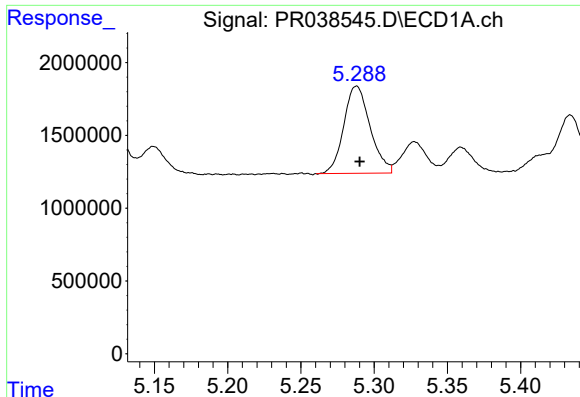
#6 AR-1016-4

R.T.: 5.077 min
Delta R.T.: -0.002 min
Response: 5717908
Conc: 110.24 ng/ml



#6 AR-1016-4

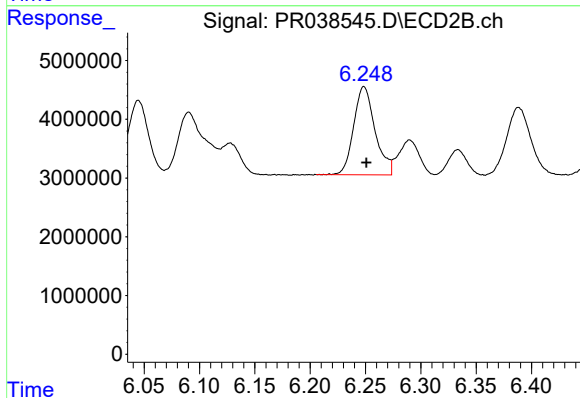
R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 20370314
Conc: 107.99 ng/ml



#7 AR-1016-5

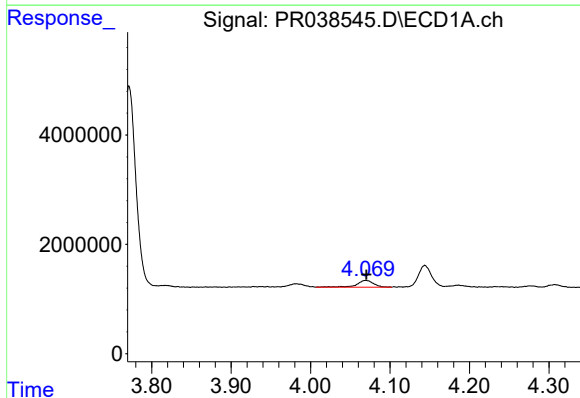
R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 7501288
Conc: 109.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



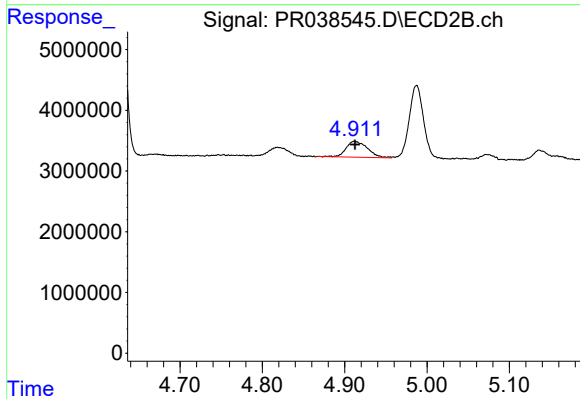
#7 AR-1016-5

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 20252963
Conc: 108.53 ng/ml



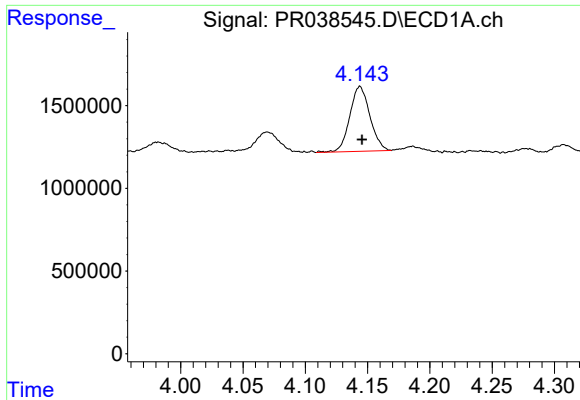
#9 AR-1221-2

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 1803698
Conc: 58.57 ng/ml



#9 AR-1221-2

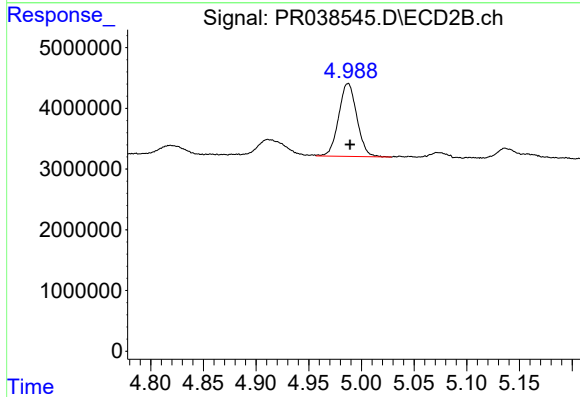
R.T.: 4.911 min
Delta R.T.: -0.001 min
Response: 4741485
Conc: 51.51 ng/ml



#10 AR-1221-3

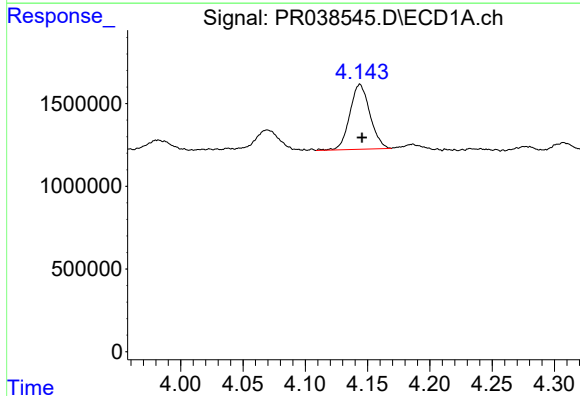
R.T.: 4.144 min
Delta R.T.: -0.002 min
Response: 4413864
Conc: 44.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



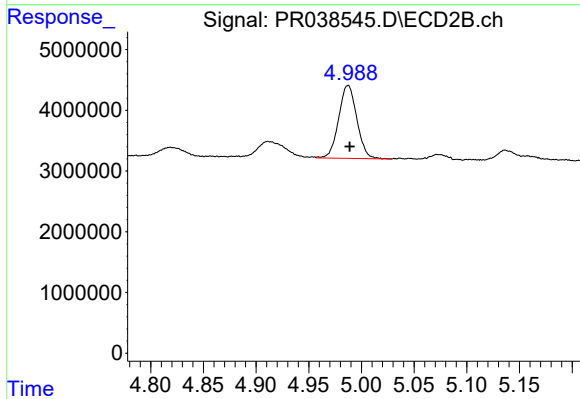
#10 AR-1221-3

R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 14459647
Conc: 48.42 ng/ml



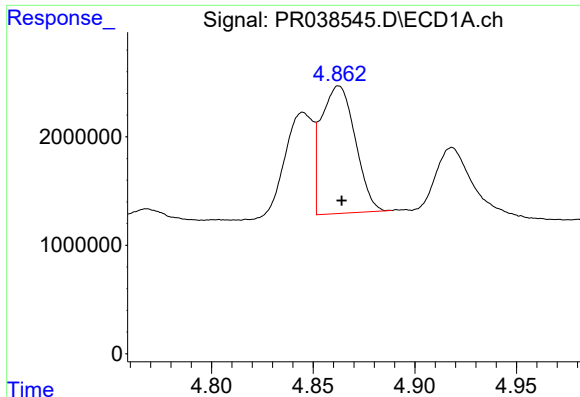
#11 AR-1232-1

R.T.: 4.144 min
Delta R.T.: -0.002 min
Response: 4413864
Conc: 62.14 ng/ml



#11 AR-1232-1

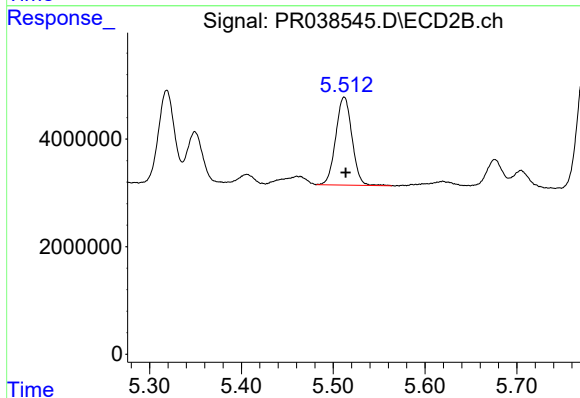
R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 14459647
Conc: 67.86 ng/ml



#12 AR-1232-2

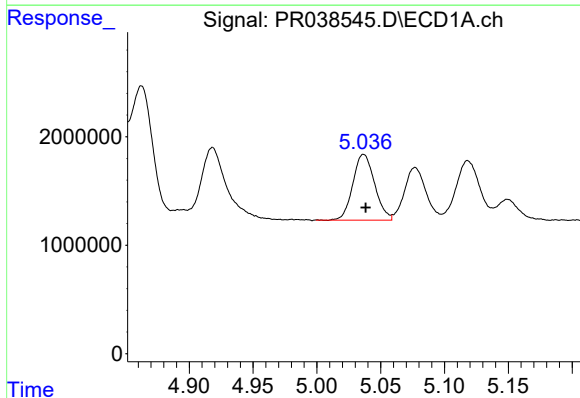
R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 13673680
Conc: 157.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



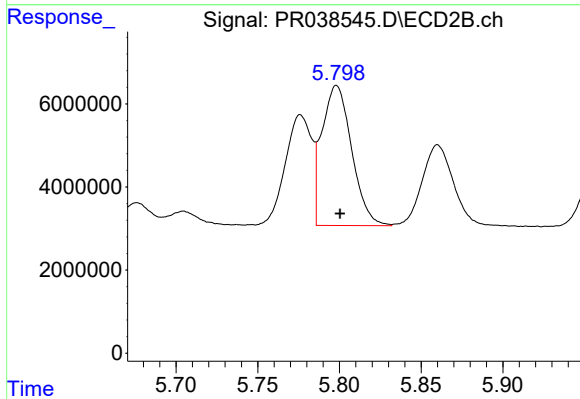
#12 AR-1232-2

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 20089298
Conc: 176.41 ng/ml



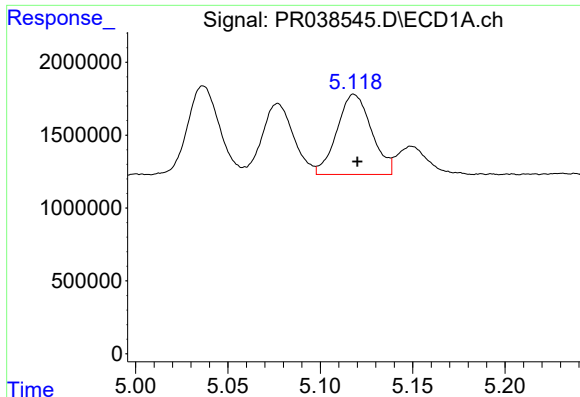
#13 AR-1232-3

R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 7206542
Conc: 173.83 ng/ml



#13 AR-1232-3

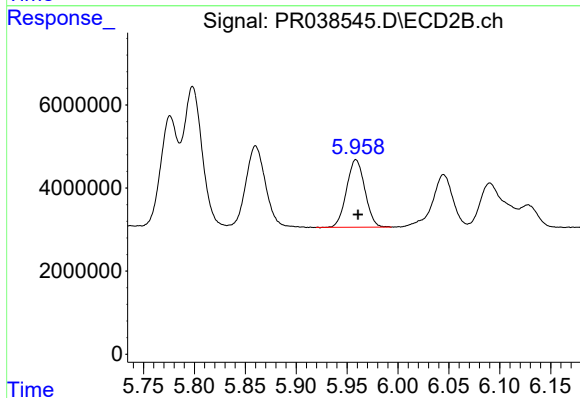
R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 42892306
Conc: 173.09 ng/ml



#14 AR-1232-4

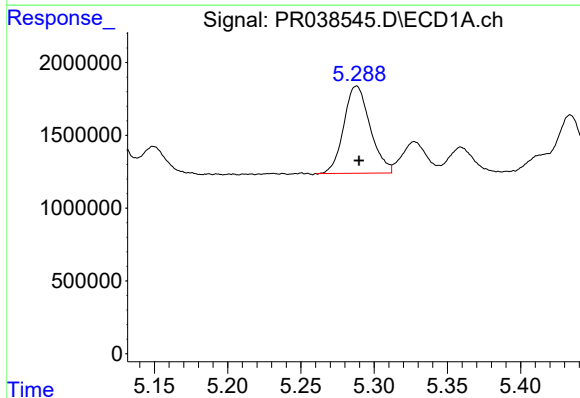
R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 7150163
Conc: 198.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



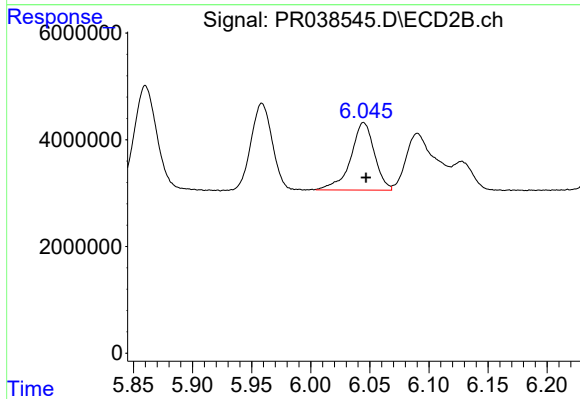
#14 AR-1232-4

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 20370314
Conc: 168.46 ng/ml



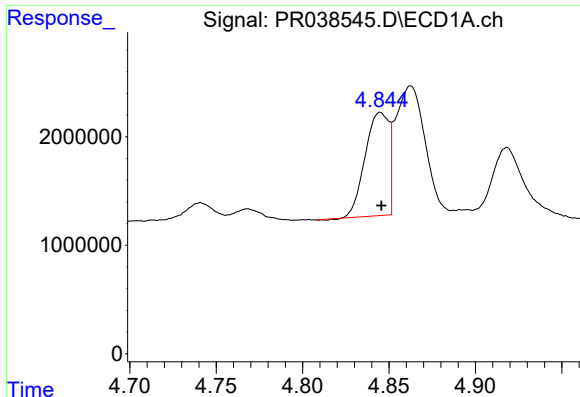
#15 AR-1232-5

R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 7501288
Conc: 184.27 ng/ml



#15 AR-1232-5

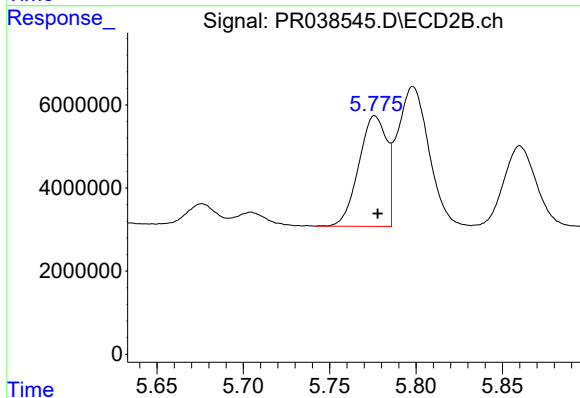
R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 17708450
Conc: 204.01 ng/ml



#16 AR-1242-1

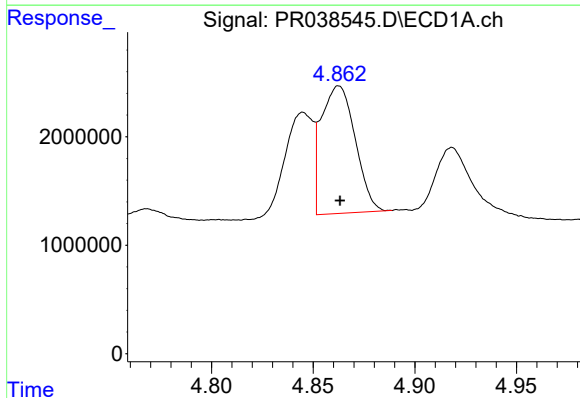
R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 9076801
Conc: 85.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



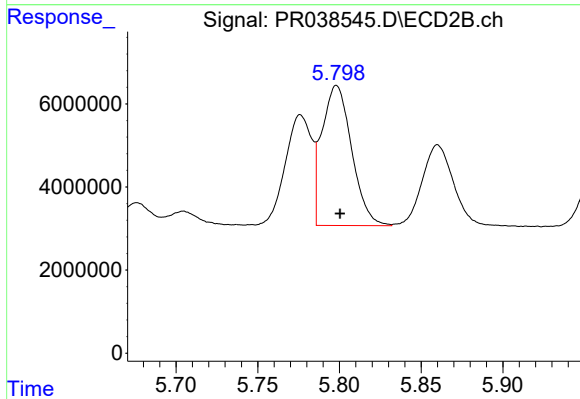
#16 AR-1242-1

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 29992905
Conc: 84.66 ng/ml



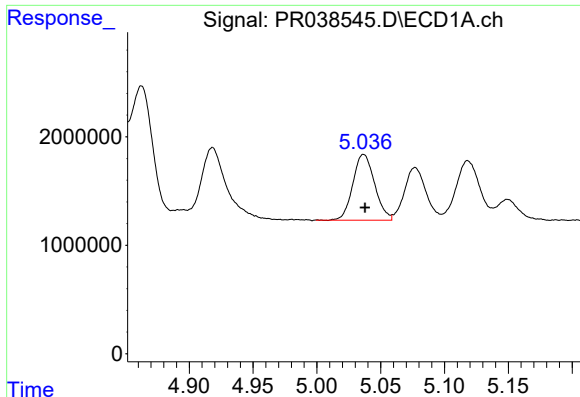
#17 AR-1242-2

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 13673680
Conc: 77.41 ng/ml



#17 AR-1242-2

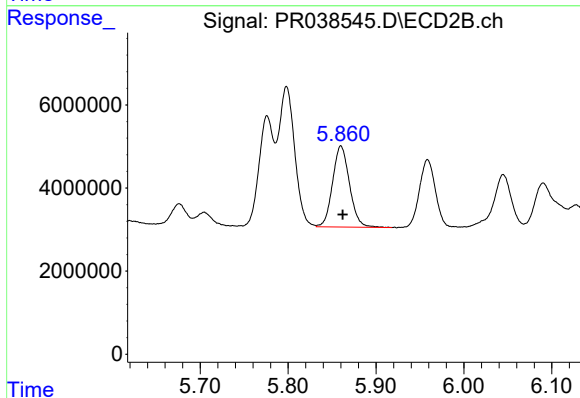
R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 42892306
Conc: 84.26 ng/ml



#18 AR-1242-3

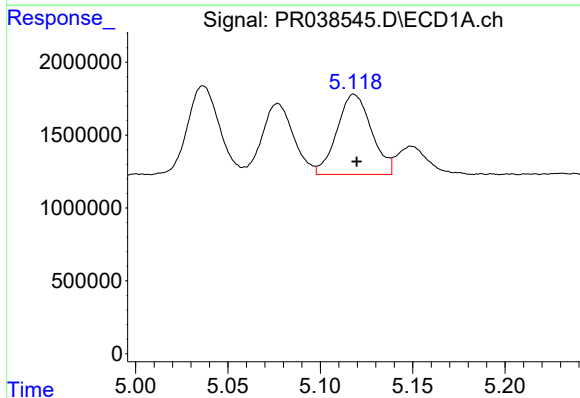
R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 7206542
Conc: 84.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



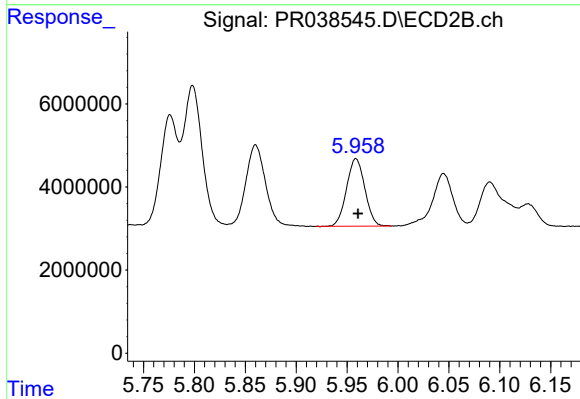
#18 AR-1242-3

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 26149920
Conc: 86.92 ng/ml



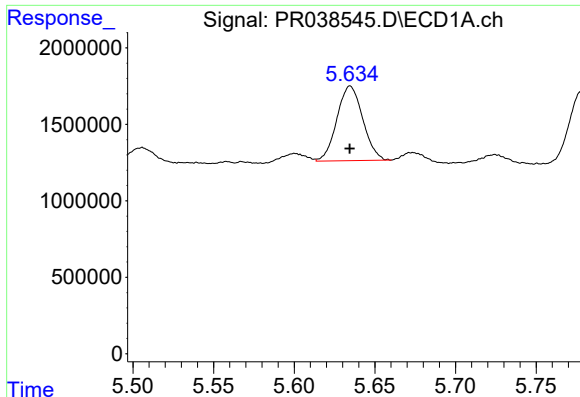
#19 AR-1242-4

R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 7150163
Conc: 88.50 ng/ml



#19 AR-1242-4

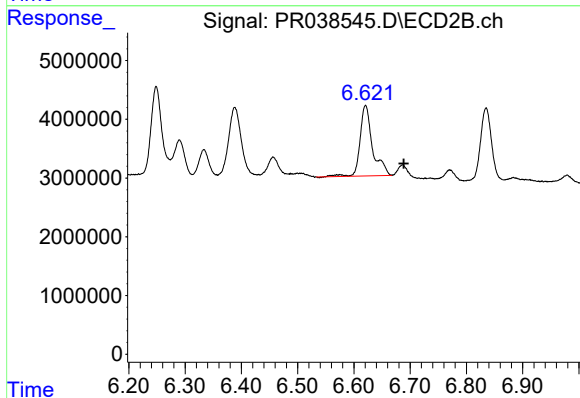
R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 20370314
Conc: 81.07 ng/ml



#20 AR-1242-5

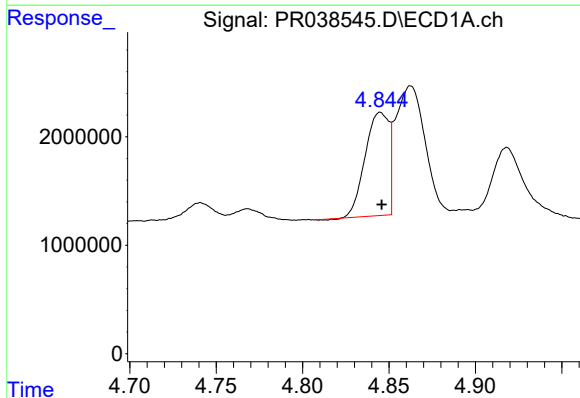
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 5450669
Conc: 46.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



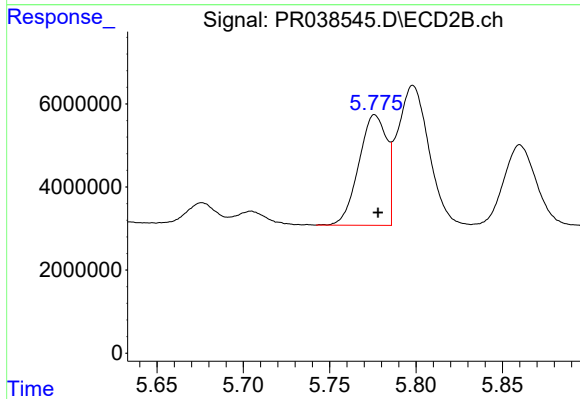
#20 AR-1242-5

R.T.: 6.621 min
Delta R.T.: -0.068 min
Response: 18561458
Conc: 64.30 ng/ml



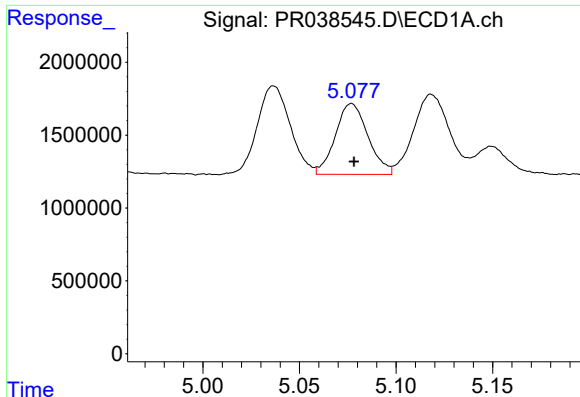
#21 AR-1248-1

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 9076801
Conc: 103.42 ng/ml



#21 AR-1248-1

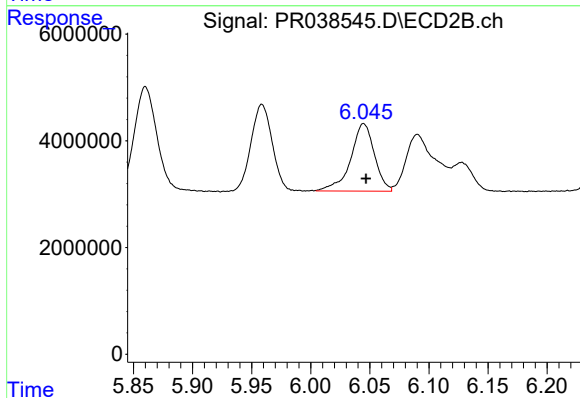
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 29992905
Conc: 107.42 ng/ml



#22 AR-1248-2

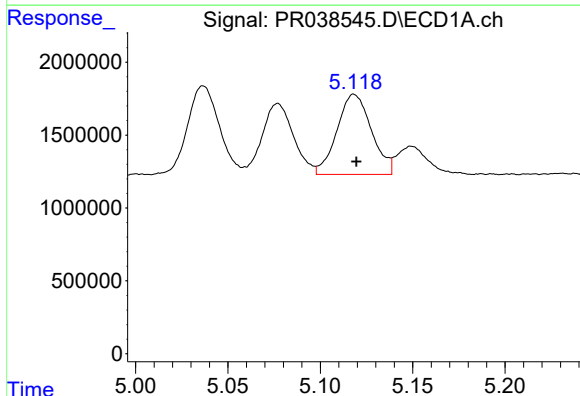
R.T.: 5.077 min
Delta R.T.: -0.001 min
Response: 5717908
Conc: 48.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



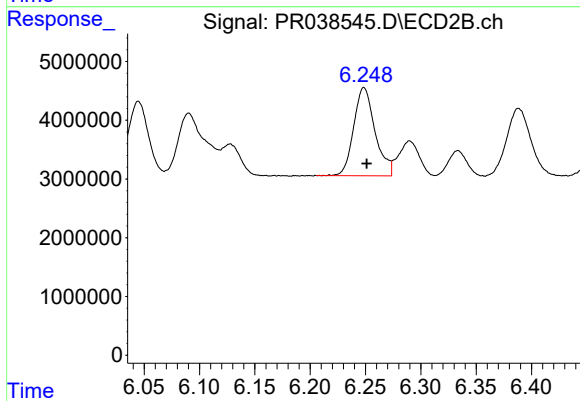
#22 AR-1248-2

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 17708450
Conc: 48.51 ng/ml



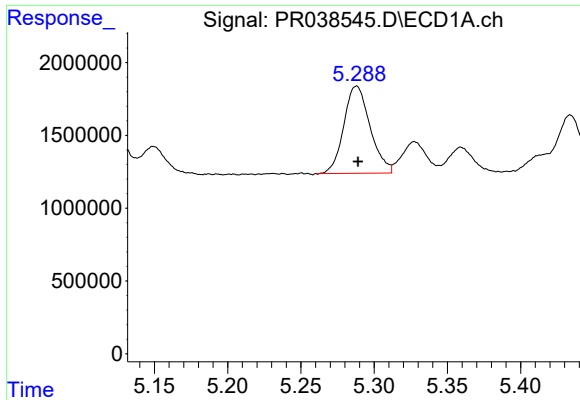
#23 AR-1248-3

R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 7150163
Conc: 59.13 ng/ml



#23 AR-1248-3

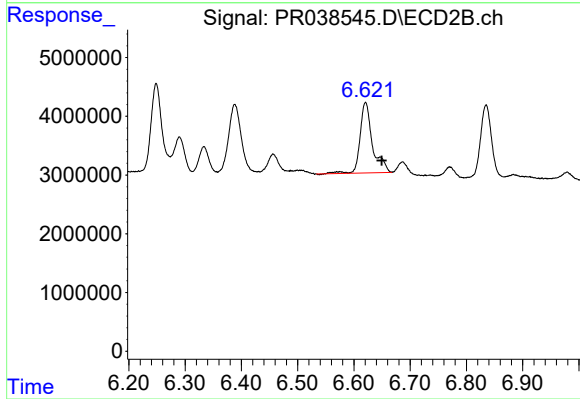
R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 20252963
Conc: 47.68 ng/ml



#24 AR-1248-4

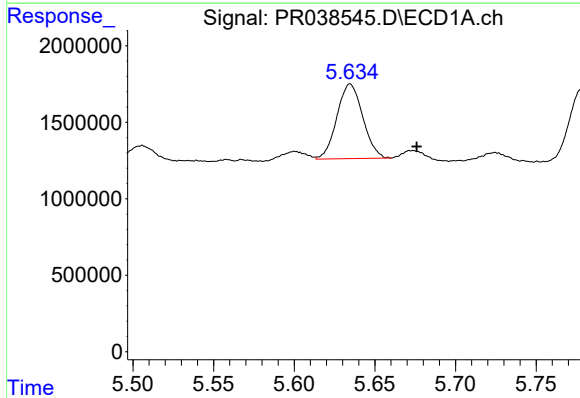
R.T.: 5.288 min
Delta R.T.: -0.001 min
Response: 7501288
Conc: 49.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



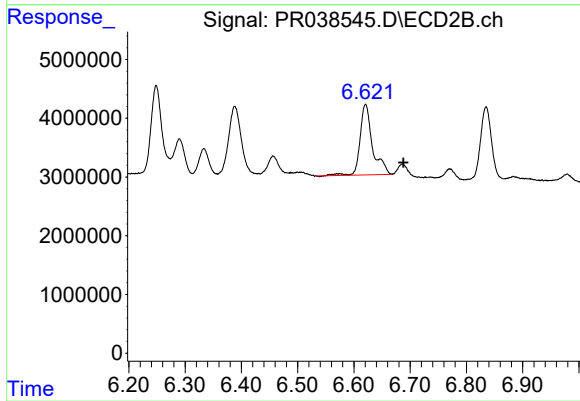
#24 AR-1248-4

R.T.: 6.621 min
Delta R.T.: -0.029 min
Response: 18561458
Conc: 36.78 ng/ml



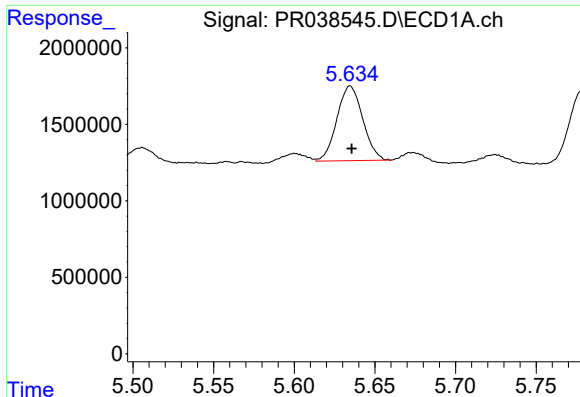
#25 AR-1248-5

R.T.: 5.635 min
Delta R.T.: -0.041 min
Response: 5450669
Conc: 33.65 ng/ml



#25 AR-1248-5

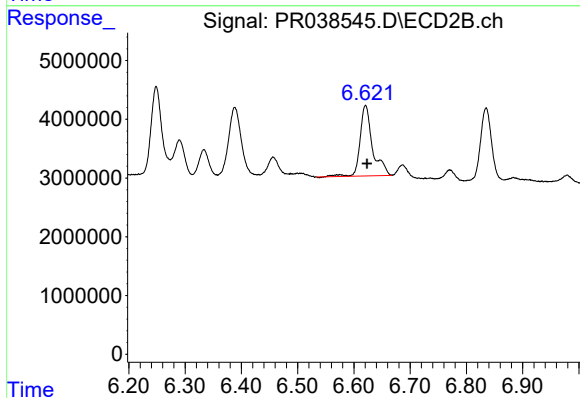
R.T.: 6.621 min
Delta R.T.: -0.067 min
Response: 18561458
Conc: 38.87 ng/ml



#26 AR-1254-1

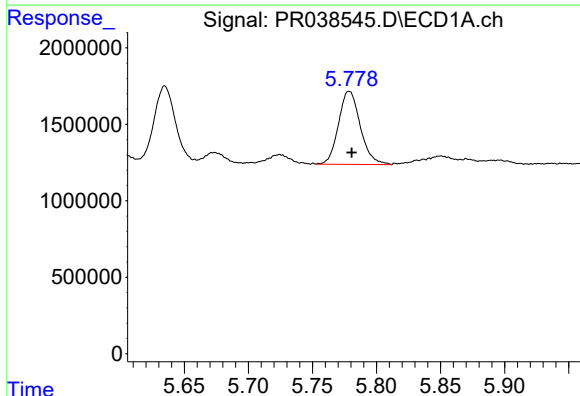
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 5450669
Conc: 24.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



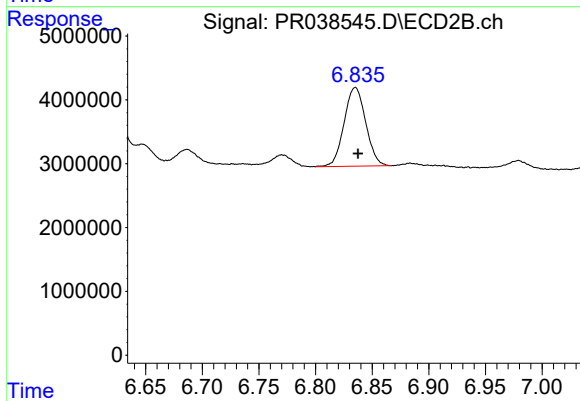
#26 AR-1254-1

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 18561458
Conc: 39.90 ng/ml



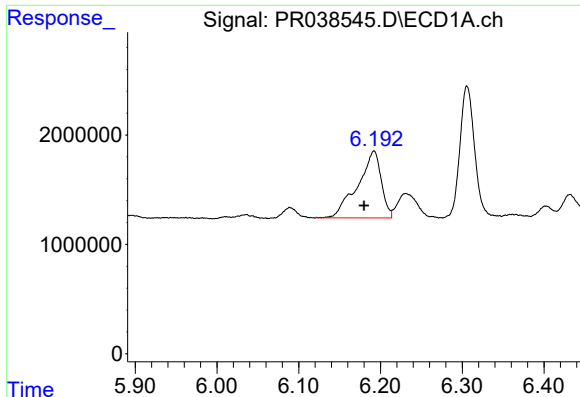
#27 AR-1254-2

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 5647602
Conc: 29.79 ng/ml



#27 AR-1254-2

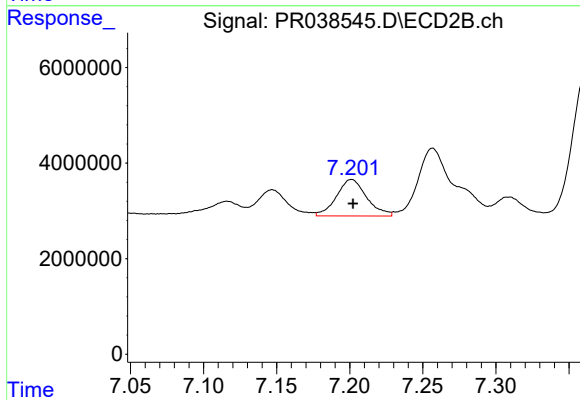
R.T.: 6.835 min
Delta R.T.: -0.003 min
Response: 16393778
Conc: 24.70 ng/ml



#28 AR-1254-3

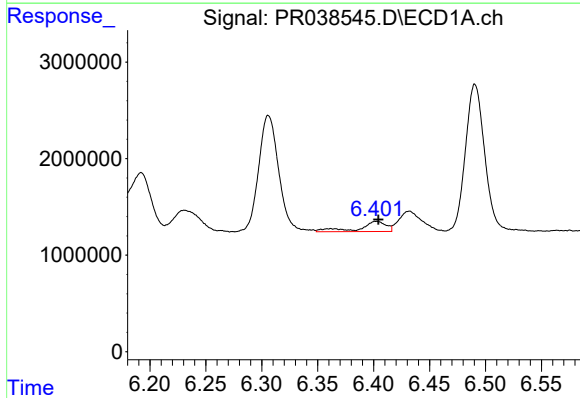
R.T.: 6.192 min
Delta R.T.: 0.012 min
Response: 12213162
Conc: 38.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



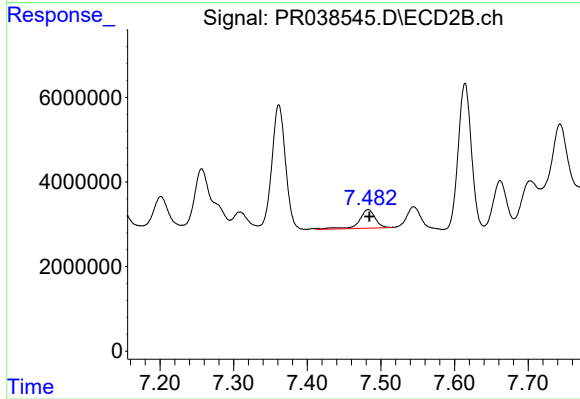
#28 AR-1254-3

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 10971545
Conc: 14.49 ng/ml



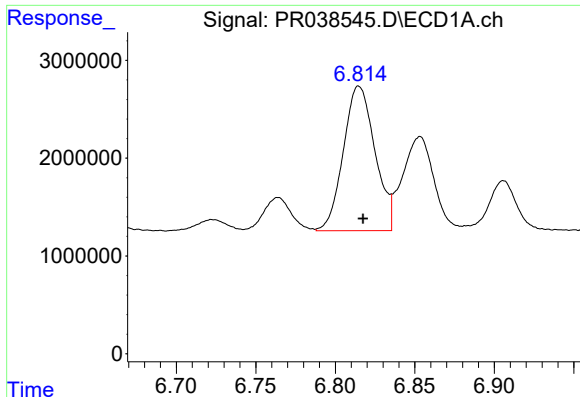
#29 AR-1254-4

R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 1764250
Conc: 8.20 ng/ml



#29 AR-1254-4

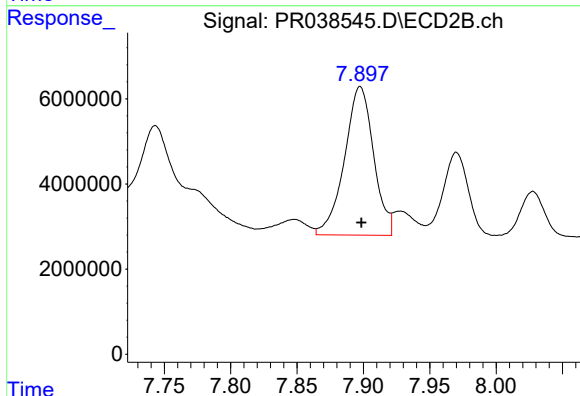
R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 6534245
Conc: 11.34 ng/ml



#30 AR-1254-5

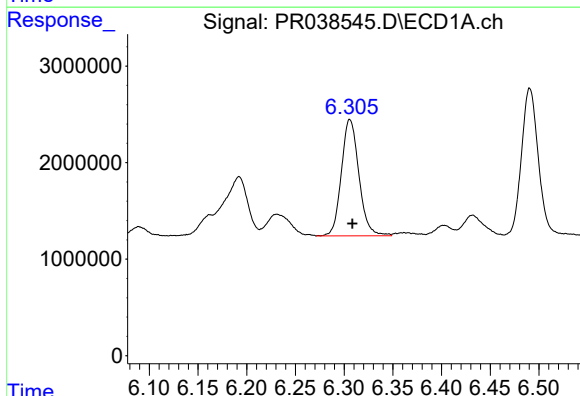
R.T.: 6.815 min
Delta R.T.: -0.003 min
Response: 20445202
Conc: 72.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



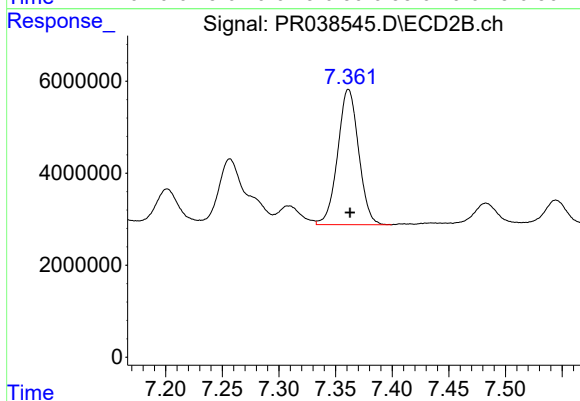
#30 AR-1254-5

R.T.: 7.898 min
Delta R.T.: -0.001 min
Response: 53363274
Conc: 87.52 ng/ml



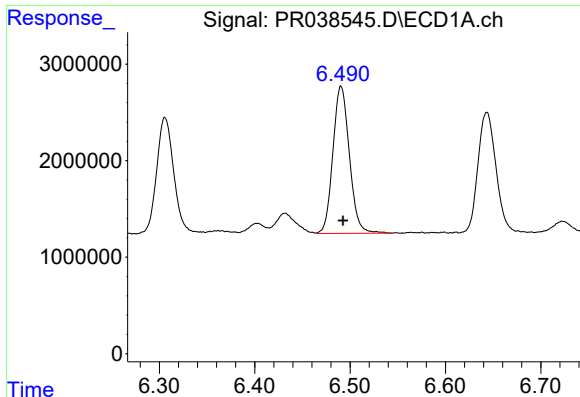
#31 AR-1260-1

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 15097115
Conc: 114.21 ng/ml



#31 AR-1260-1

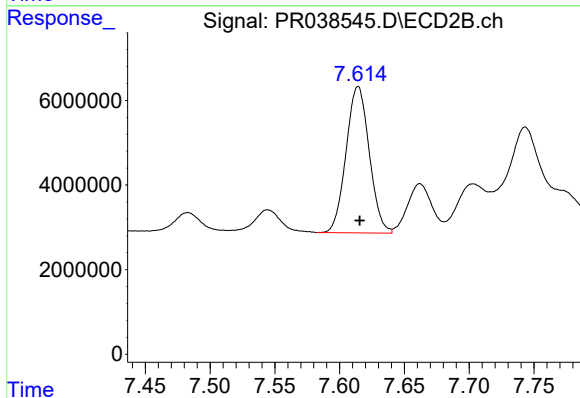
R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 37868427
Conc: 110.20 ng/ml



#32 AR-1260-2

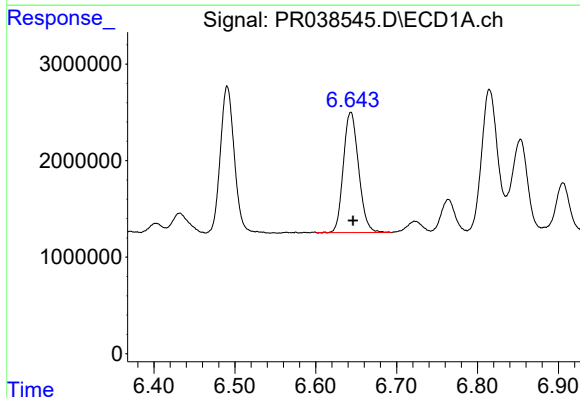
R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 18277899
Conc: 107.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



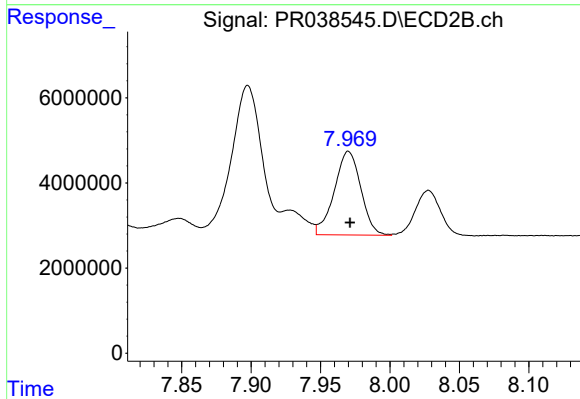
#32 AR-1260-2

R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 43152641
Conc: 106.48 ng/ml



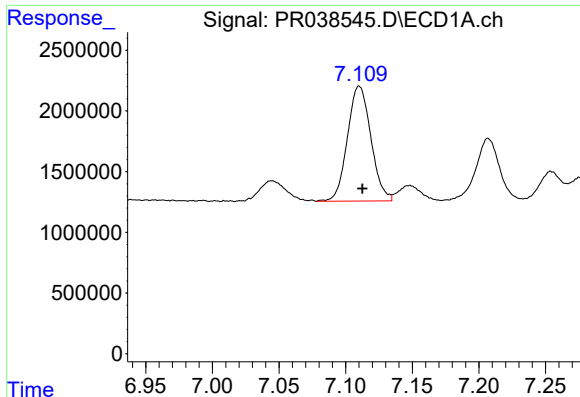
#33 AR-1260-3

R.T.: 6.643 min
Delta R.T.: -0.003 min
Response: 16337487
Conc: 108.21 ng/ml



#33 AR-1260-3

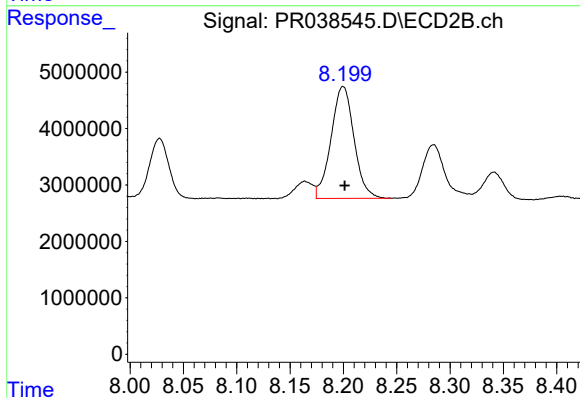
R.T.: 7.970 min
Delta R.T.: -0.001 min
Response: 26140035
Conc: 85.87 ng/ml



#34 AR-1260-4

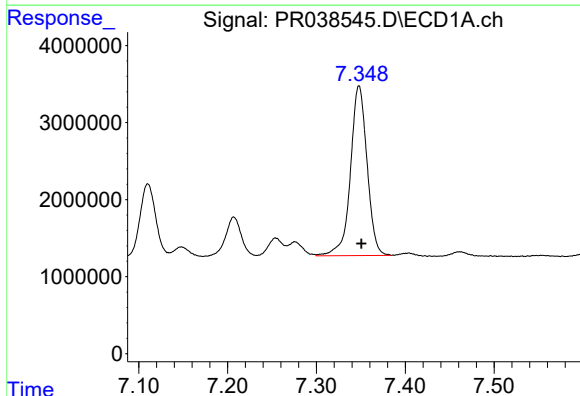
R.T.: 7.110 min
Delta R.T.: -0.002 min
Response: 11602747
Conc: 89.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



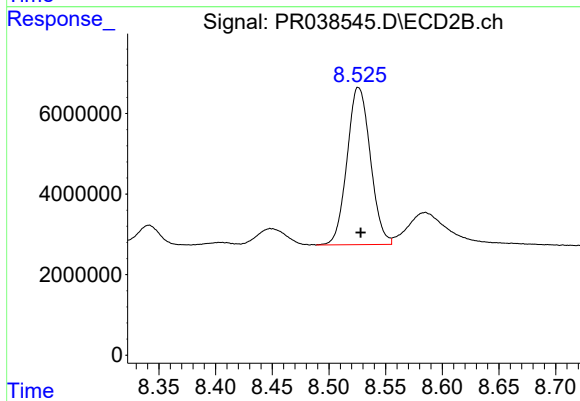
#34 AR-1260-4

R.T.: 8.200 min
Delta R.T.: -0.001 min
Response: 29771248
Conc: 83.63 ng/ml



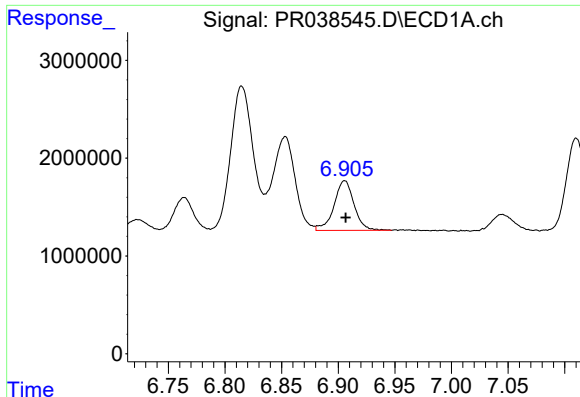
#35 AR-1260-5

R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 28612218
Conc: 83.96 ng/ml



#35 AR-1260-5

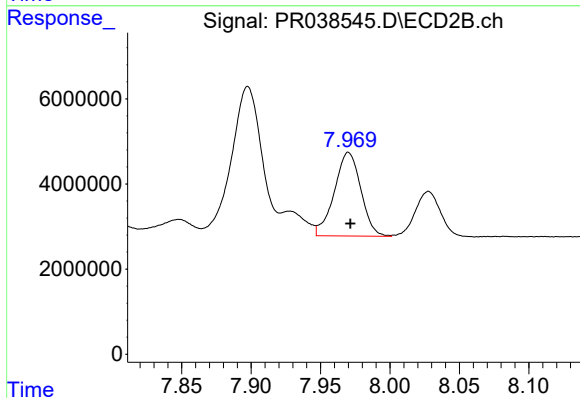
R.T.: 8.526 min
Delta R.T.: -0.002 min
Response: 55967717
Conc: 77.00 ng/ml



#36 AR-1262-1

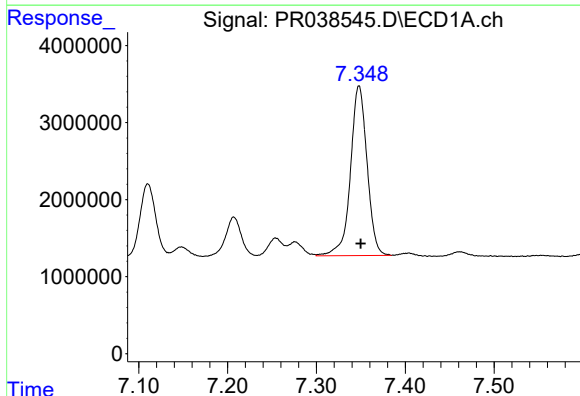
R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 6274817
Conc: 52.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



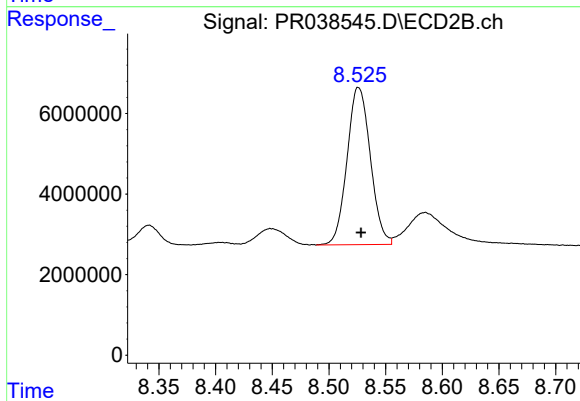
#36 AR-1262-1

R.T.: 7.970 min
Delta R.T.: -0.002 min
Response: 26140035
Conc: 36.96 ng/ml



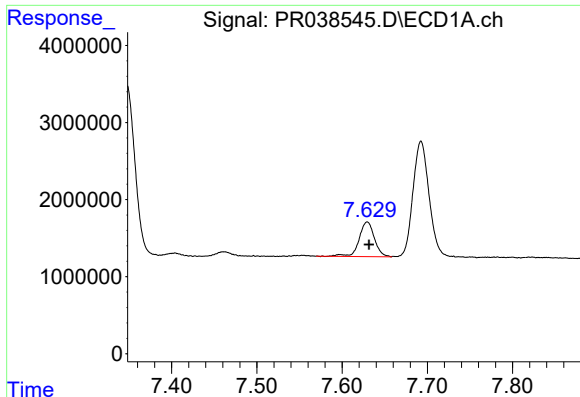
#37 AR-1262-2

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 28612218
Conc: 44.35 ng/ml



#37 AR-1262-2

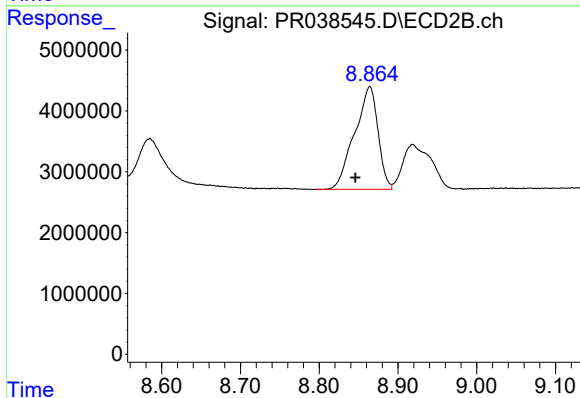
R.T.: 8.526 min
Delta R.T.: -0.002 min
Response: 55967717
Conc: 39.51 ng/ml



#38 AR-1262-3

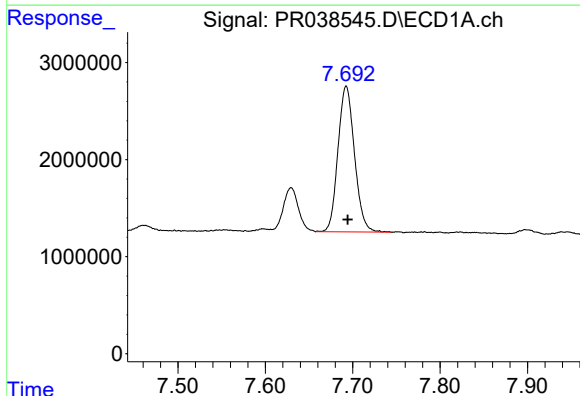
R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 5581673
Conc: 20.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



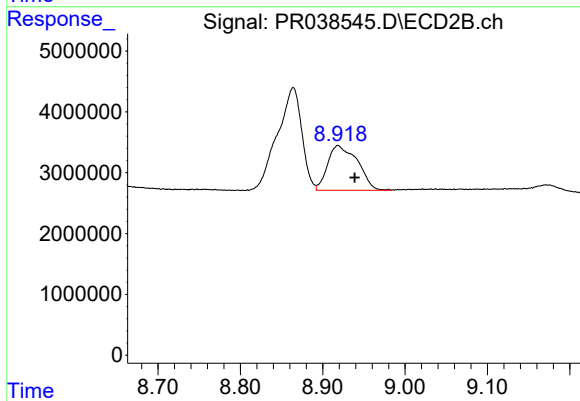
#38 AR-1262-3

R.T.: 8.864 min
Delta R.T.: 0.018 min
Response: 34830798
Conc: 38.46 ng/ml



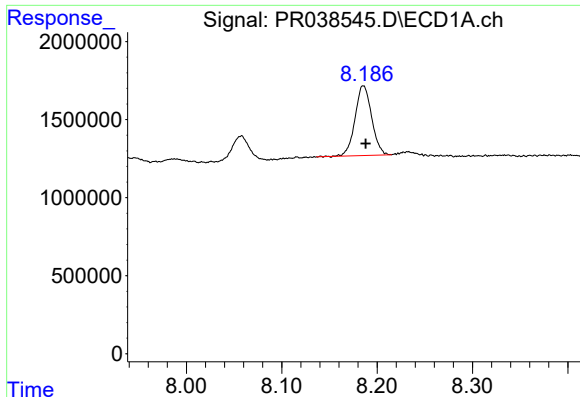
#39 AR-1262-4

R.T.: 7.693 min
Delta R.T.: -0.002 min
Response: 19751437
Conc: 40.35 ng/ml



#39 AR-1262-4

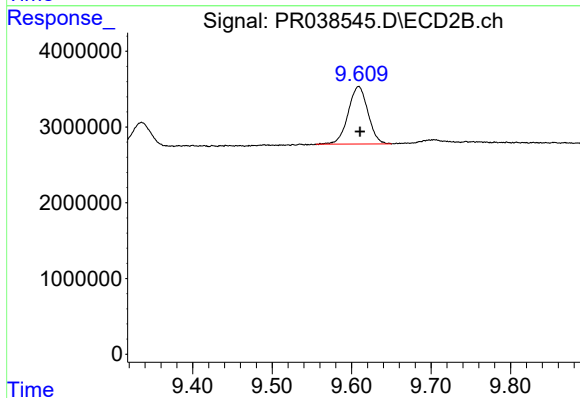
R.T.: 8.919 min
Delta R.T.: -0.020 min
Response: 18506628
Conc: 27.35 ng/ml



#40 AR-1262-5

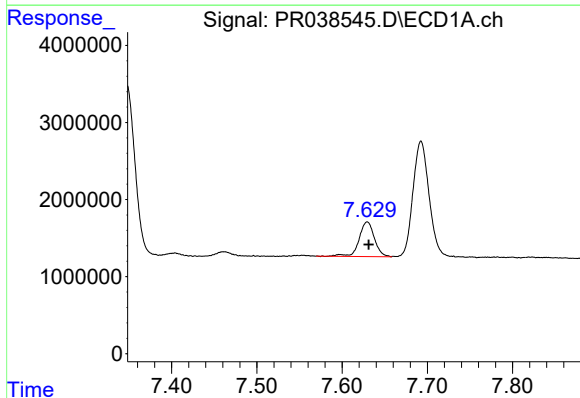
R.T.: 8.186 min
Delta R.T.: -0.002 min
Response: 5394143
Conc: 24.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



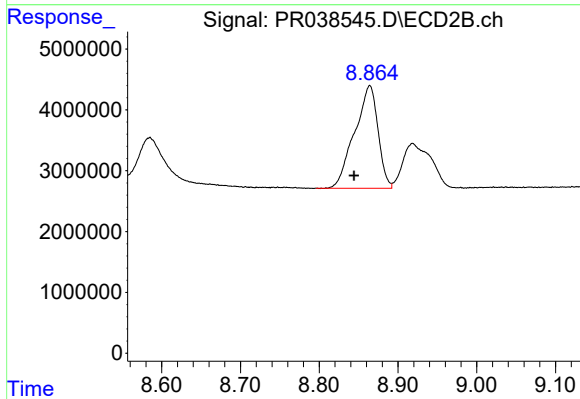
#40 AR-1262-5

R.T.: 9.609 min
Delta R.T.: -0.002 min
Response: 13143459
Conc: 26.72 ng/ml



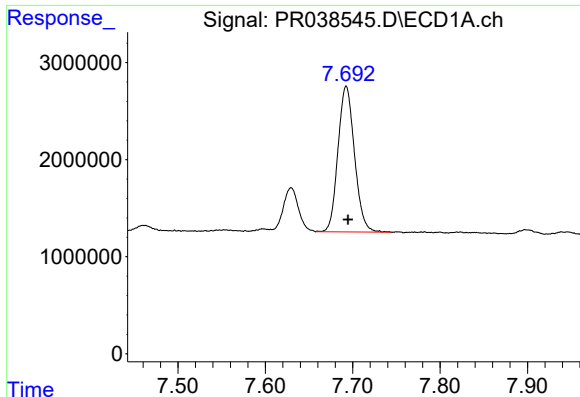
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 5581673
Conc: 10.78 ng/ml



#41 AR-1268-1

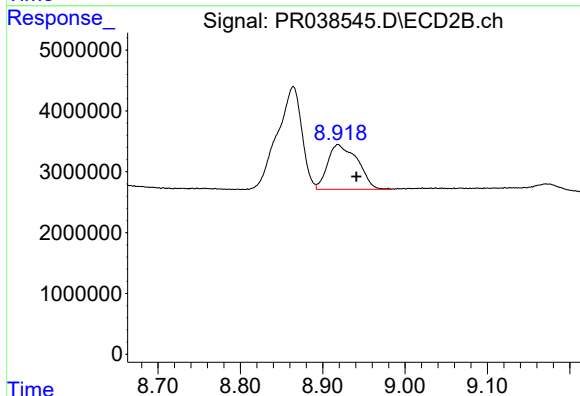
R.T.: 8.864 min
Delta R.T.: 0.020 min
Response: 34830798
Conc: 31.89 ng/ml



#42 AR-1268-2

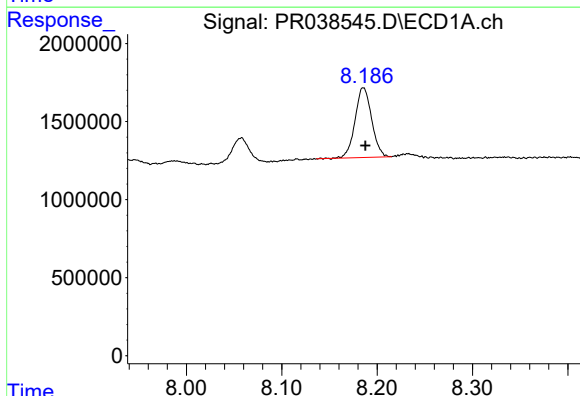
R.T.: 7.693 min
Delta R.T.: -0.002 min
Response: 19751437
Conc: 42.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



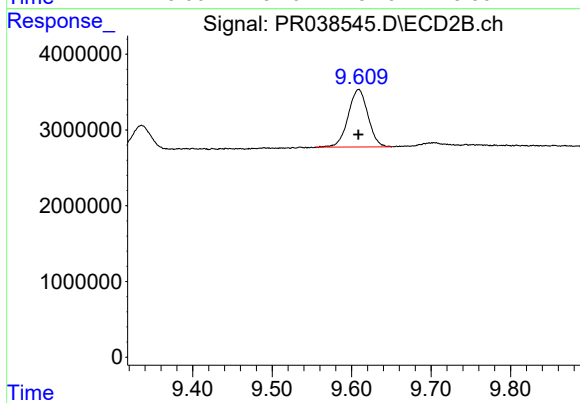
#42 AR-1268-2

R.T.: 8.919 min
Delta R.T.: -0.022 min
Response: 18506628
Conc: 18.40 ng/ml



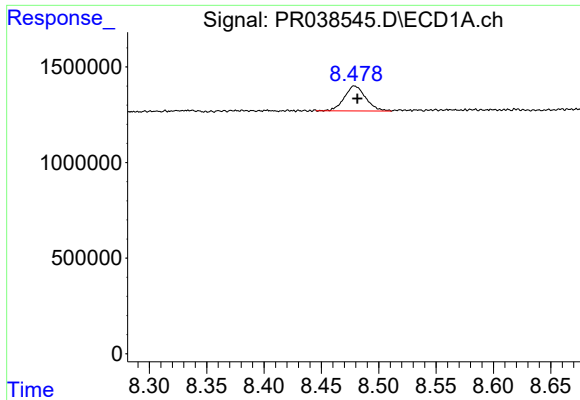
#44 AR-1268-4

R.T.: 8.186 min
Delta R.T.: -0.002 min
Response: 5394143
Conc: 33.35 ng/ml



#44 AR-1268-4

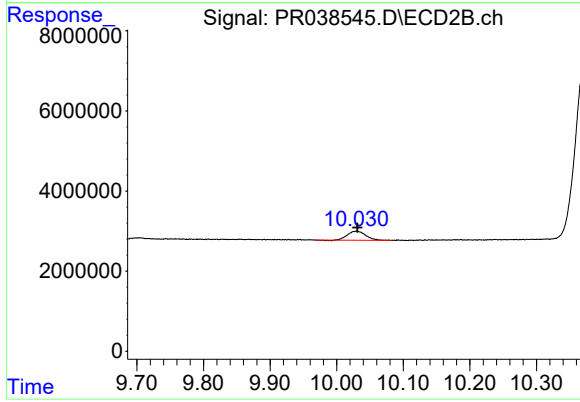
R.T.: 9.609 min
Delta R.T.: 0.000 min
Response: 13143459
Conc: 36.85 ng/ml



#45 AR-1268-5

R.T.: 8.479 min
Delta R.T.: -0.002 min
Response: 1687968
Conc: 1.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.030 min
Delta R.T.: -0.001 min
Response: 4329116
Conc: 1.59 ng/ml