

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071719\
 Data File : PR039376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2019 20:21
 Operator : SM\AJ
 Sample : K3849-20DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 DUP-11DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 04:50:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 16 02:56:01 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...	3.758	4.604	5048385	22575350	3.259	3.491
2)	SA Decachlor...	8.697	10.337	6105402	28332019	2.497	3.311 #
Target Compounds							
3)	L1 AR-1016-1	4.844	5.760	140.7E6	122.4E6	2339.717	489.212 #
4)	L1 AR-1016-2	4.844	5.782	140.7E6	369.3E6	1432.306	1012.178 #
5)	L1 AR-1016-3	5.017	5.845	39820067	53108328	801.576	241.266 #
6)	L1 AR-1016-4	5.058	5.942	34434108	134.9E6	861.187	721.261
7)	L1 AR-1016-5	5.268	6.231	49950040	160.3E6	918.258	873.147
12)	L3 AR-1232-2	4.844	5.496	140.7E6	92396926	3811.546	1541.541 #
13)	L3 AR-1232-3	5.017	5.782	39820067	369.3E6	2180.983	2847.502 #
14)	L3 AR-1232-4	5.098	5.942	37237007	134.9E6	2337.085	2014.692
15)	L3 AR-1232-5	5.268	6.028	49950040	122.1E6	2771.102	2679.163
16)	L4 AR-1242-1	4.844	5.760	140.7E6	122.4E6	2662.950	569.511 #
17)	L4 AR-1242-2	4.844	5.782	140.7E6	369.3E6	1614.482	1181.487 #
18)	L4 AR-1242-3	5.017	5.845	39820067	53108328	914.840	278.627 #
19)	L4 AR-1242-4	5.098	5.942	37237007	134.9E6	864.732	840.725
20)	L4 AR-1242-5	5.613	6.669	80048456	206.0E6	1281.039	1092.682
21)	L5 AR-1248-1	4.844	5.760	140.7E6	122.4E6	3250.870	715.773 #
22)	L5 AR-1248-2	5.058	6.028	34434108	122.1E6	548.942	519.887
23)	L5 AR-1248-3	5.098	6.231	37237007	160.3E6	570.386	579.872
24)	L5 AR-1248-4	5.268	6.629	49950040	169.2E6	609.324	504.211
25)	L5 AR-1248-5	5.653	6.669	65486582	206.0E6	749.512	641.814
26)	L6 AR-1254-1	5.613	6.603	80048456	181.5E6	605.253	566.807
27)	L6 AR-1254-2	5.757	6.822	44406272	242.6E6	379.090	474.103 #
28)	L6 AR-1254-3	6.155	7.183	83938626	178.8E6	406.221	298.017 #
29)	L6 AR-1254-4	6.380	7.464	43784486	139.4E6	285.997	322.151
30)	L6 AR-1254-5	6.791	7.878	85705269	207.1E6	460.042	440.758
31)	L7 AR-1260-1	6.282	7.342	42566857	79904183	371.429	220.043 #
32)	L7 AR-1260-2	6.467	7.594	34745607	108.9E6	230.391	248.933
33)	L7 AR-1260-3	6.618	7.948	34186897	53783730	254.020	158.477 #
34)	L7 AR-1260-4	7.083	8.173	11629738	122.6E6	97.165	301.755 #
35)	L7 AR-1260-5	7.322	8.504	31679988	91620108	105.413	107.140
36)	L8 AR-1262-1	6.879	7.948	6514928	53783730	68.726	77.448
37)	L8 AR-1262-2	7.322	8.504	31679988	91620108	65.118	66.840
38)	L8 AR-1262-3	7.601	8.840	4757688	62646606	26.197	69.546 #
39)	L8 AR-1262-4	7.664	8.893	20620558	27908962	57.958	41.568 #
40)	L8 AR-1262-5	8.156	9.580	5255691	15310398	32.228	31.276
41)	L9 AR-1268-1	7.601	8.840	4757688	62646606	8.812	39.757 #
42)	L9 AR-1268-2	7.664	8.893	20620558	27908962	41.630	19.026 #
44)	L9 AR-1268-4	8.156	9.580	5255691	15310398	29.419	28.898

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DUP-11DL

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071519.M
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

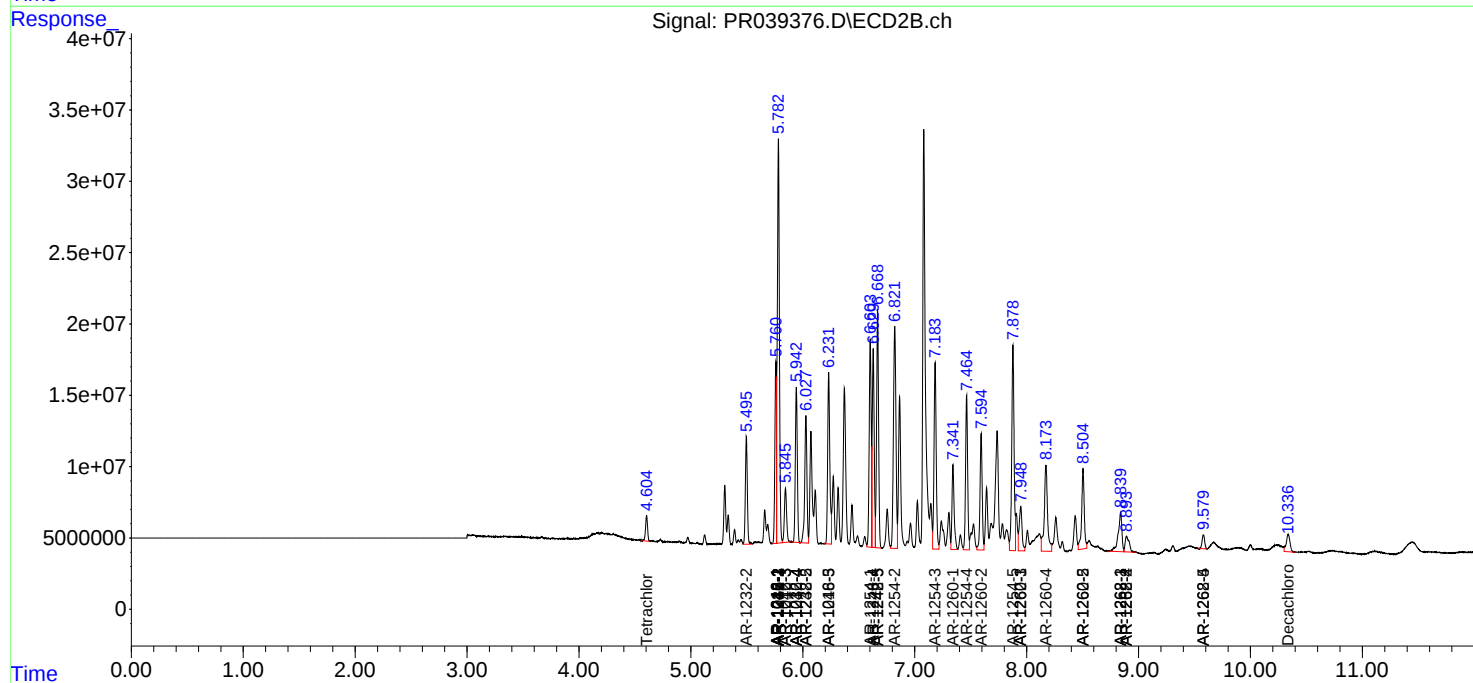
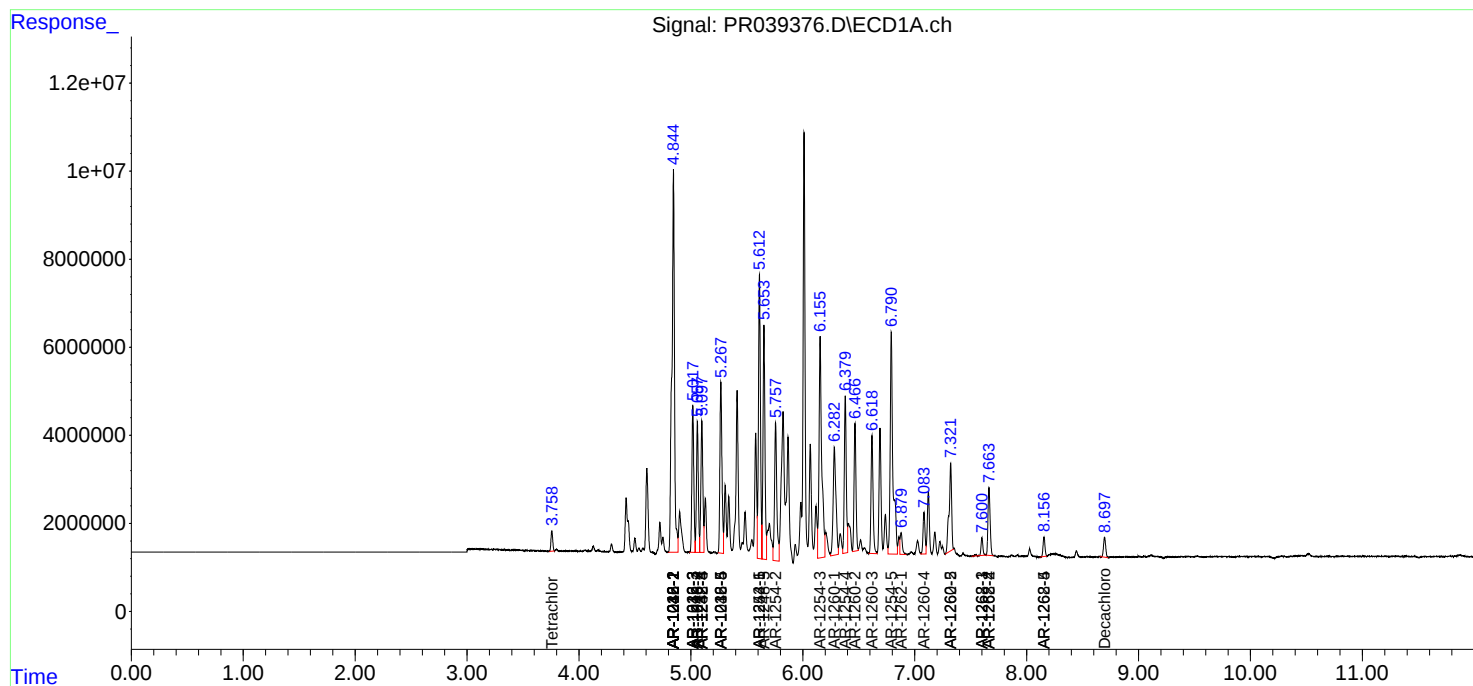
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

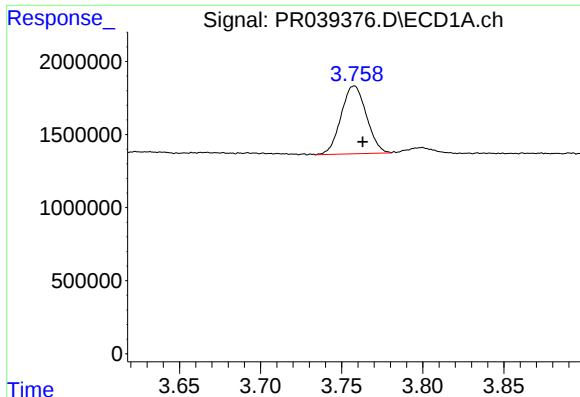
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071719\
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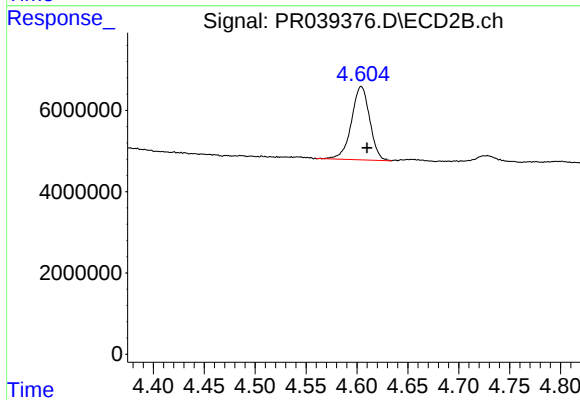




#1 Tetrachloro-m-xylene

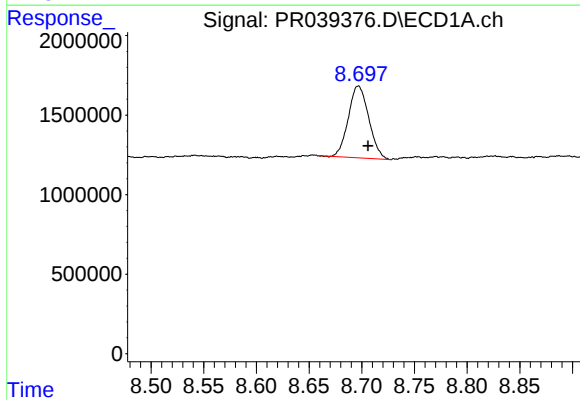
R.T.: 3.758 min
Delta R.T.: -0.005 min
Response: 5048385
Conc: 3.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



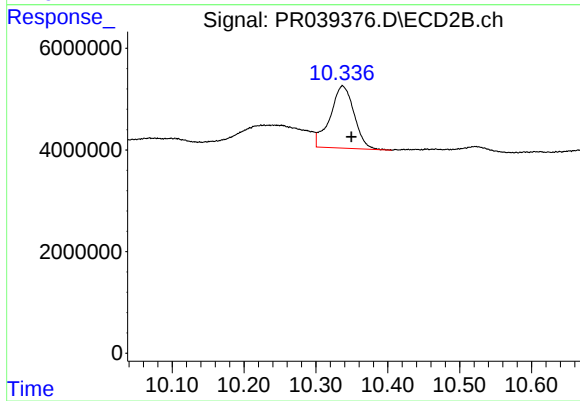
#1 Tetrachloro-m-xylene

R.T.: 4.604 min
Delta R.T.: -0.006 min
Response: 22575350
Conc: 3.49 ng/ml



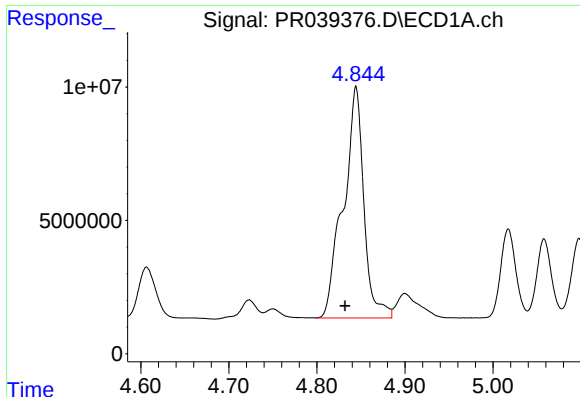
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.009 min
Response: 6105402
Conc: 2.50 ng/ml



#2 Decachlorobiphenyl

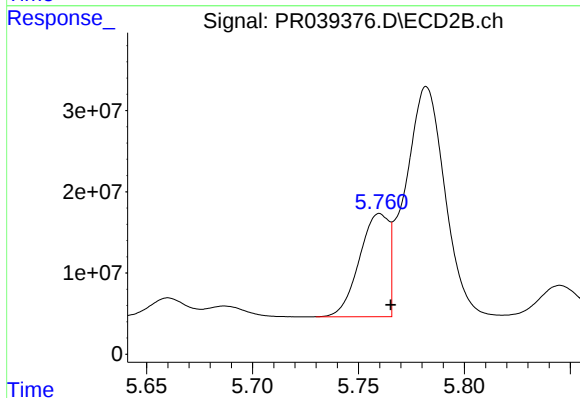
R.T.: 10.337 min
Delta R.T.: -0.012 min
Response: 28332019
Conc: 3.31 ng/ml



#3 AR-1016-1

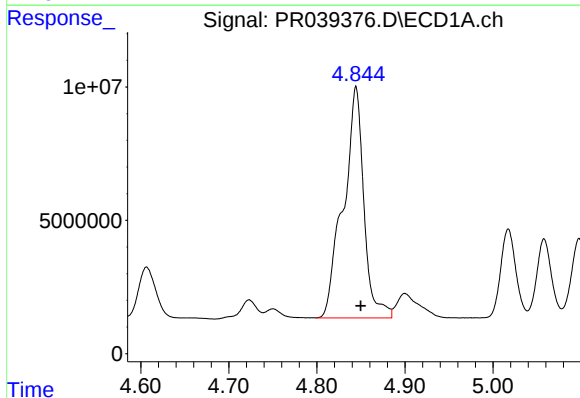
R.T.: 4.844 min
Delta R.T.: 0.012 min
Response: 140699545
Conc: 2339.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



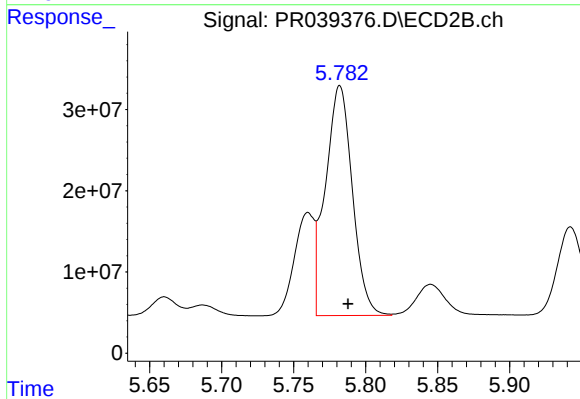
#3 AR-1016-1

R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 122372863
Conc: 489.21 ng/ml



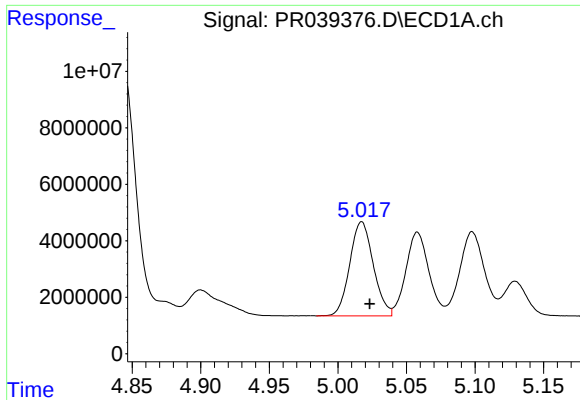
#4 AR-1016-2

R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 140699545
Conc: 1432.31 ng/ml



#4 AR-1016-2

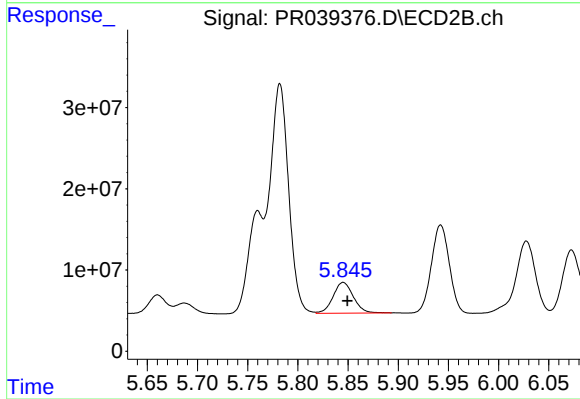
R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 369298950
Conc: 1012.18 ng/ml



#5 AR-1016-3

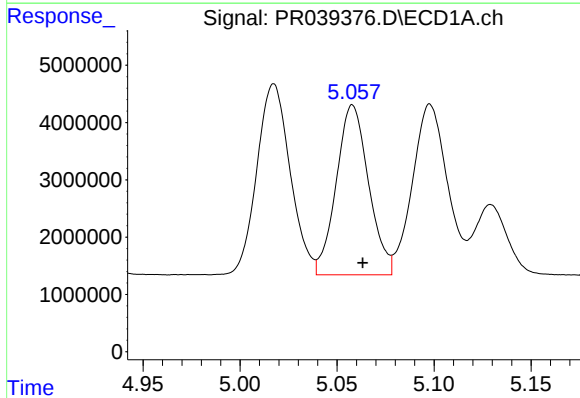
R.T.: 5.017 min
Delta R.T.: -0.006 min
Response: 39820067
Conc: 801.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



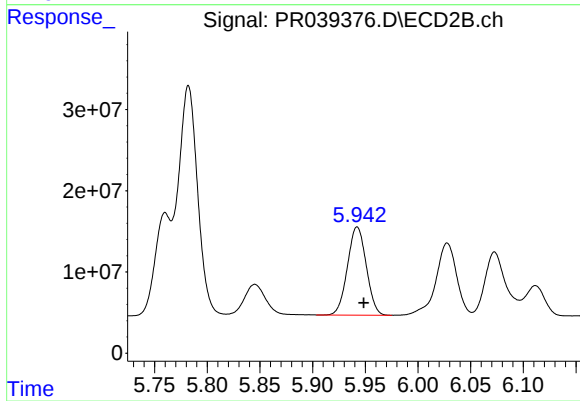
#5 AR-1016-3

R.T.: 5.845 min
Delta R.T.: -0.004 min
Response: 53108328
Conc: 241.27 ng/ml



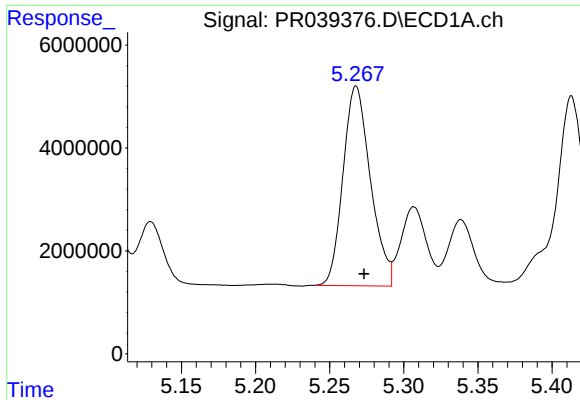
#6 AR-1016-4

R.T.: 5.058 min
Delta R.T.: -0.005 min
Response: 34434108
Conc: 861.19 ng/ml



#6 AR-1016-4

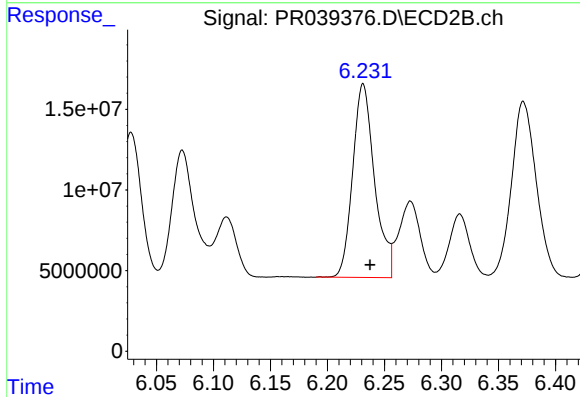
R.T.: 5.942 min
Delta R.T.: -0.006 min
Response: 134925737
Conc: 721.26 ng/ml



#7 AR-1016-5

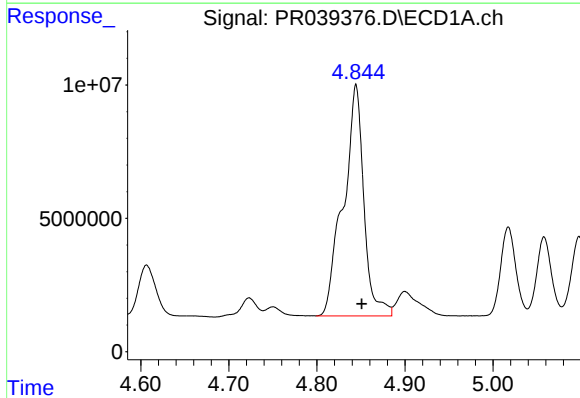
R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 49950040
Conc: 918.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



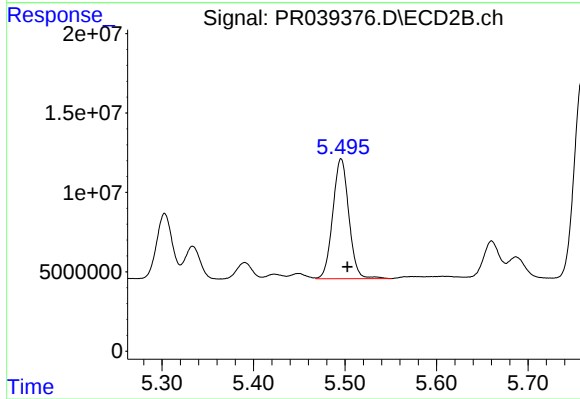
#7 AR-1016-5

R.T.: 6.231 min
Delta R.T.: -0.006 min
Response: 160260038
Conc: 873.15 ng/ml



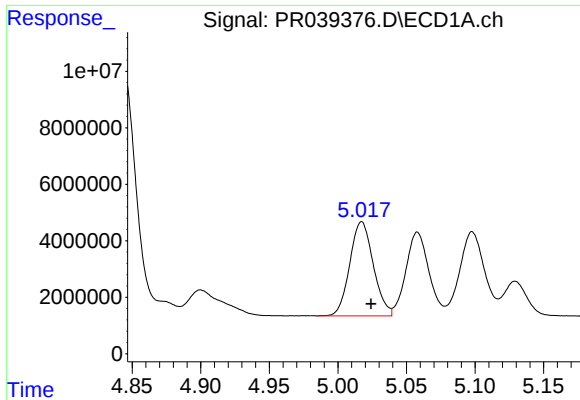
#12 AR-1232-2

R.T.: 4.844 min
Delta R.T.: -0.006 min
Response: 140699545
Conc: 3811.55 ng/ml



#12 AR-1232-2

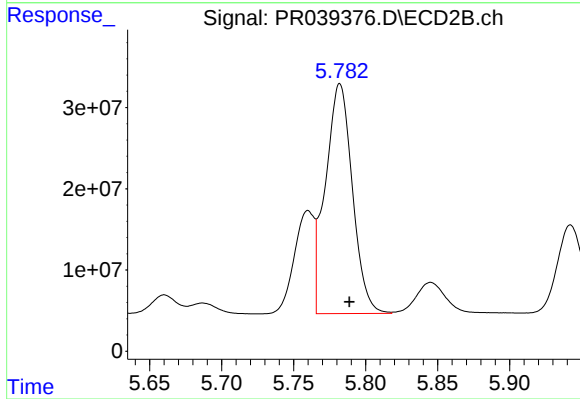
R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 92396926
Conc: 1541.54 ng/ml



#13 AR-1232-3

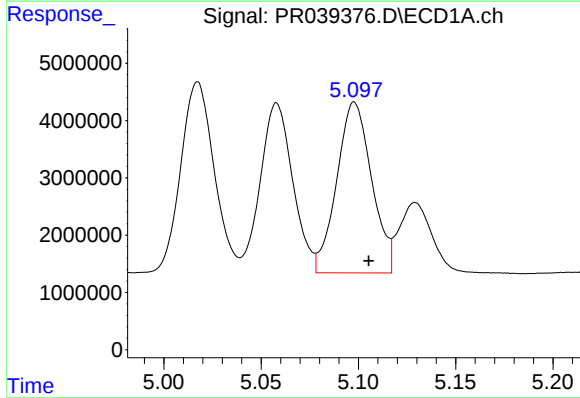
R.T.: 5.017 min
Delta R.T.: -0.007 min
Response: 39820067
Conc: 2180.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



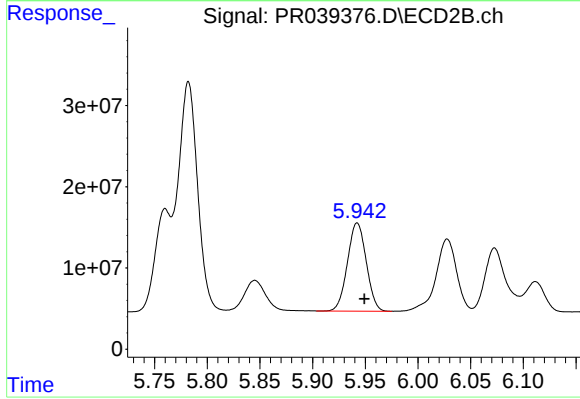
#13 AR-1232-3

R.T.: 5.782 min
Delta R.T.: -0.007 min
Response: 369298950
Conc: 2847.50 ng/ml



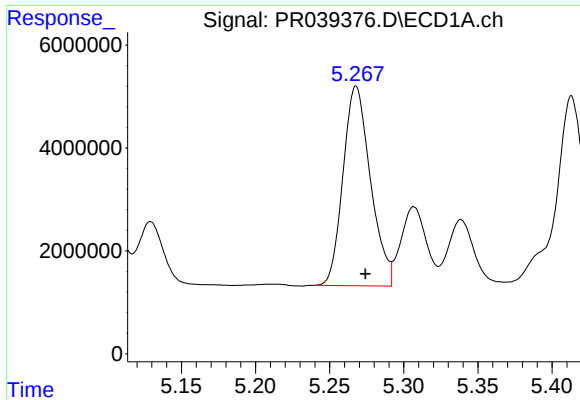
#14 AR-1232-4

R.T.: 5.098 min
Delta R.T.: -0.007 min
Response: 37237007
Conc: 2337.09 ng/ml



#14 AR-1232-4

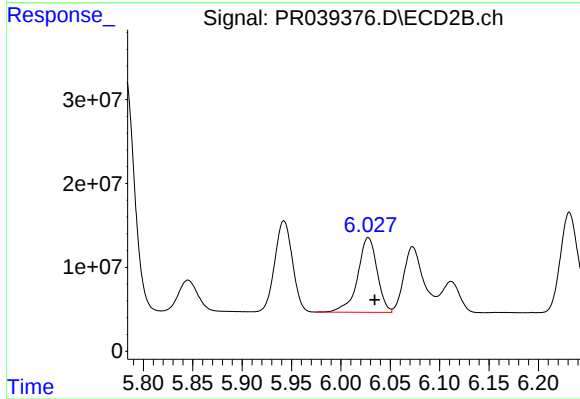
R.T.: 5.942 min
Delta R.T.: -0.007 min
Response: 134925737
Conc: 2014.69 ng/ml



#15 AR-1232-5

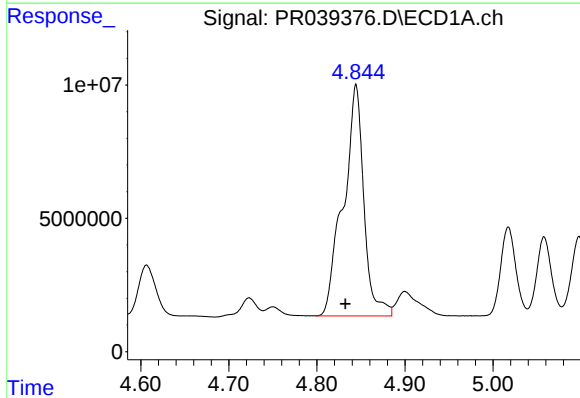
R.T.: 5.268 min
Delta R.T.: -0.006 min
Response: 49950040
Conc: 2771.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



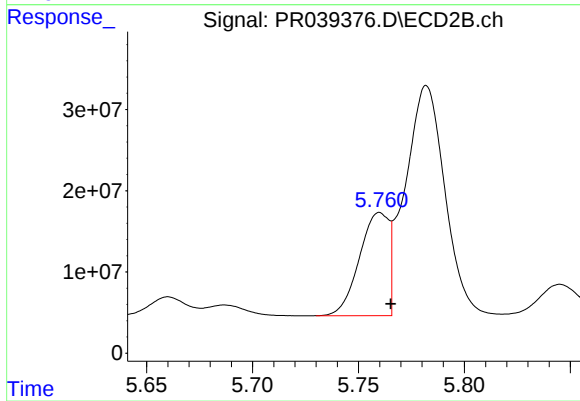
#15 AR-1232-5

R.T.: 6.028 min
Delta R.T.: -0.007 min
Response: 122101617
Conc: 2679.16 ng/ml



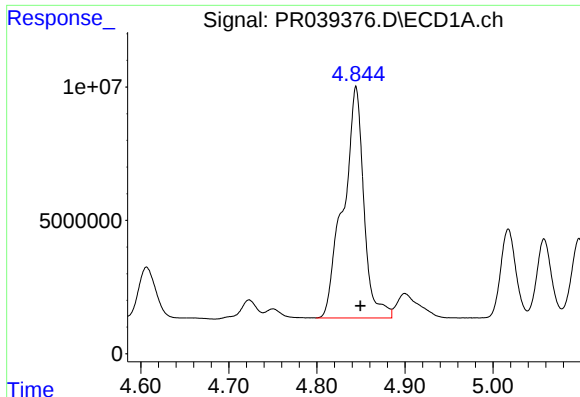
#16 AR-1242-1

R.T.: 4.844 min
Delta R.T.: 0.012 min
Response: 140699545
Conc: 2662.95 ng/ml



#16 AR-1242-1

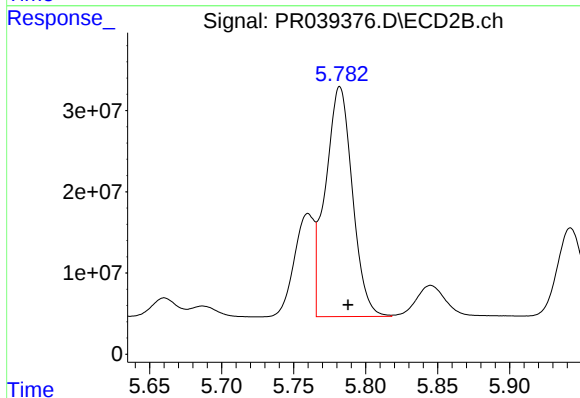
R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 122372863
Conc: 569.51 ng/ml



#17 AR-1242-2

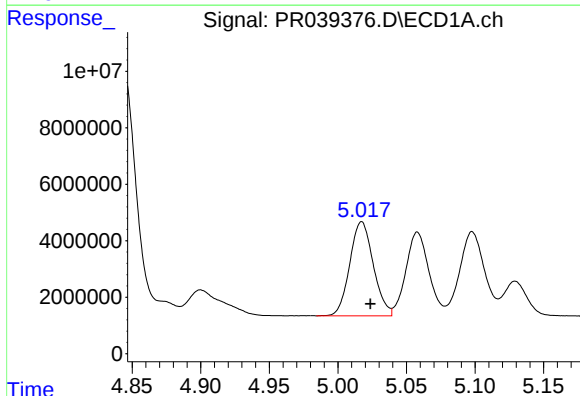
R.T.: 4.844 min
Delta R.T.: -0.005 min
Response: 140699545
Conc: 1614.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



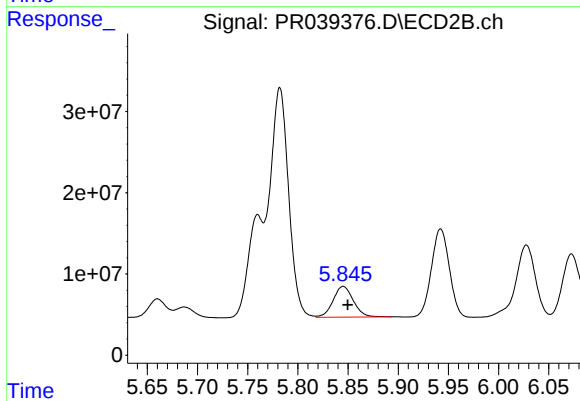
#17 AR-1242-2

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 369298950
Conc: 1181.49 ng/ml



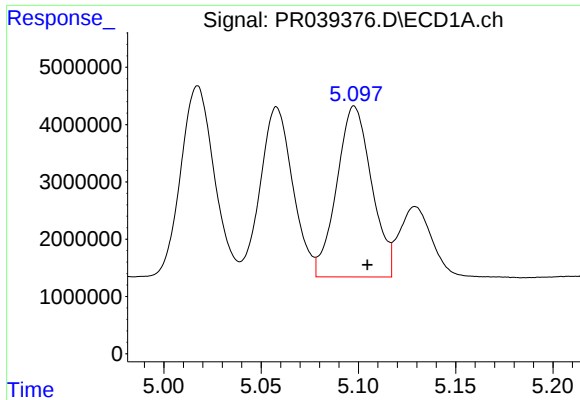
#18 AR-1242-3

R.T.: 5.017 min
Delta R.T.: -0.006 min
Response: 39820067
Conc: 914.84 ng/ml



#18 AR-1242-3

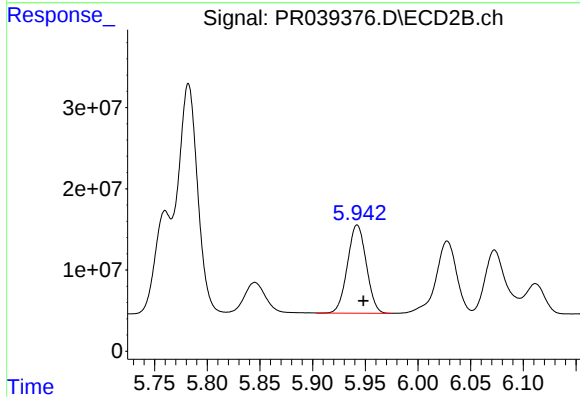
R.T.: 5.845 min
Delta R.T.: -0.005 min
Response: 53108328
Conc: 278.63 ng/ml



#19 AR-1242-4

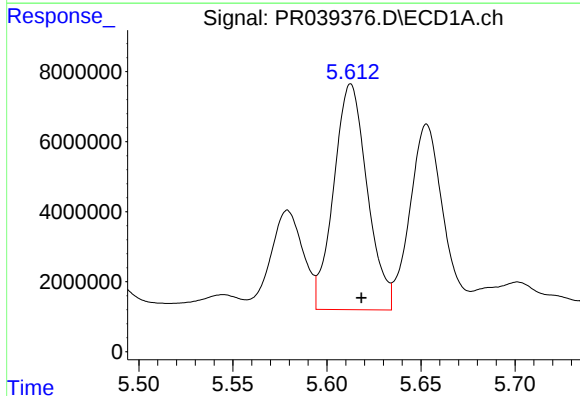
R.T.: 5.098 min
Delta R.T.: -0.007 min
Response: 37237007
Conc: 864.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



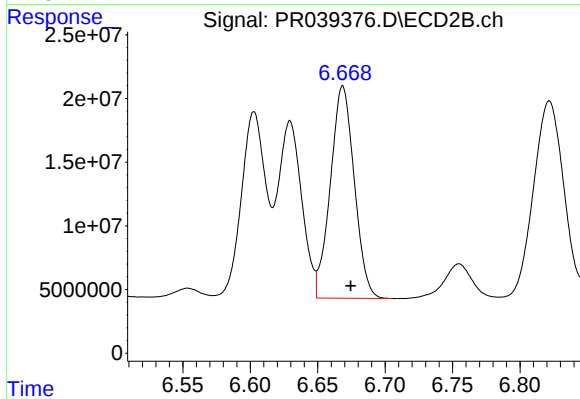
#19 AR-1242-4

R.T.: 5.942 min
Delta R.T.: -0.006 min
Response: 134925737
Conc: 840.73 ng/ml



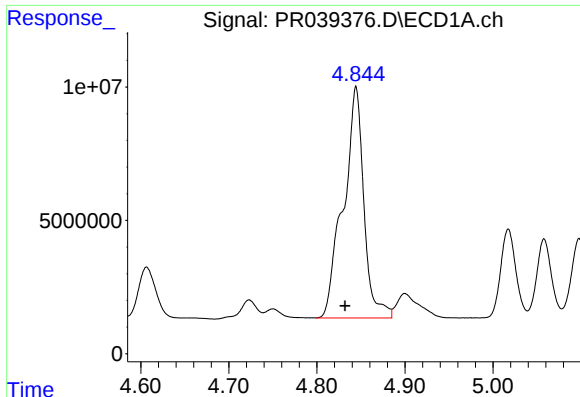
#20 AR-1242-5

R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 80048456
Conc: 1281.04 ng/ml



#20 AR-1242-5

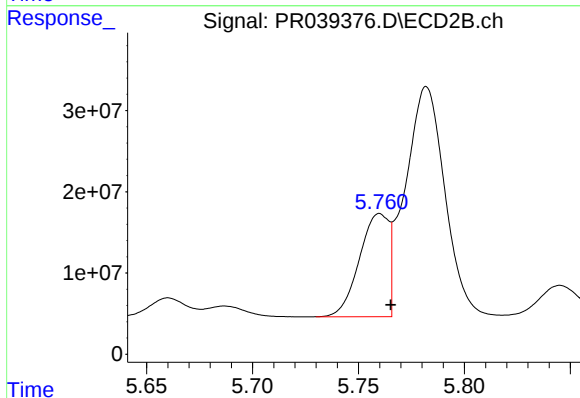
R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 206031614
Conc: 1092.68 ng/ml



#21 AR-1248-1

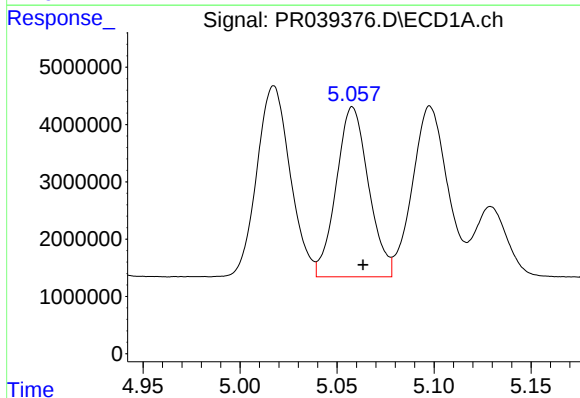
R.T.: 4.844 min
Delta R.T.: 0.013 min
Response: 140699545
Conc: 3250.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



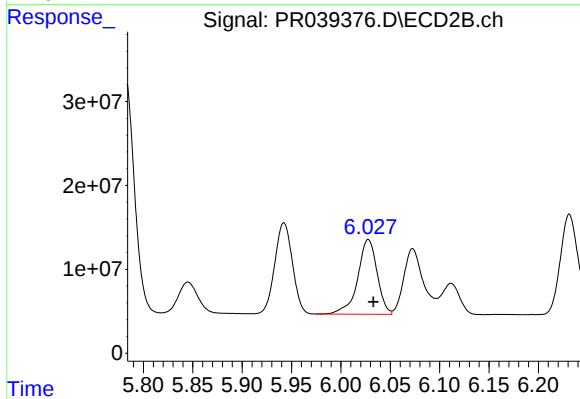
#21 AR-1248-1

R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 122372863
Conc: 715.77 ng/ml



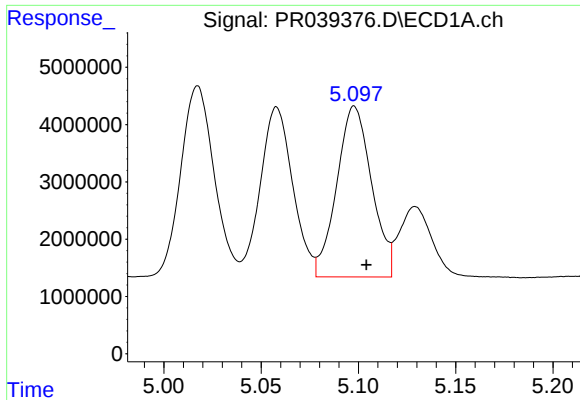
#22 AR-1248-2

R.T.: 5.058 min
Delta R.T.: -0.005 min
Response: 34434108
Conc: 548.94 ng/ml



#22 AR-1248-2

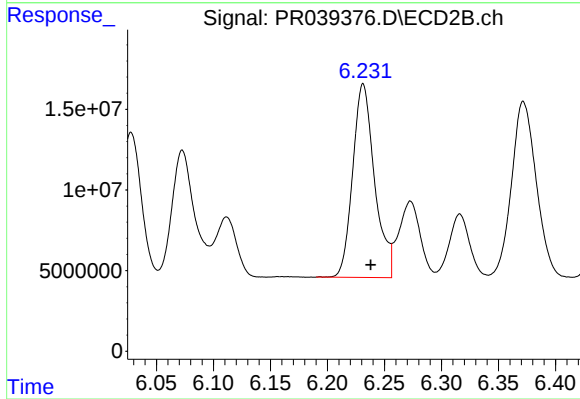
R.T.: 6.028 min
Delta R.T.: -0.005 min
Response: 122101617
Conc: 519.89 ng/ml



#23 AR-1248-3

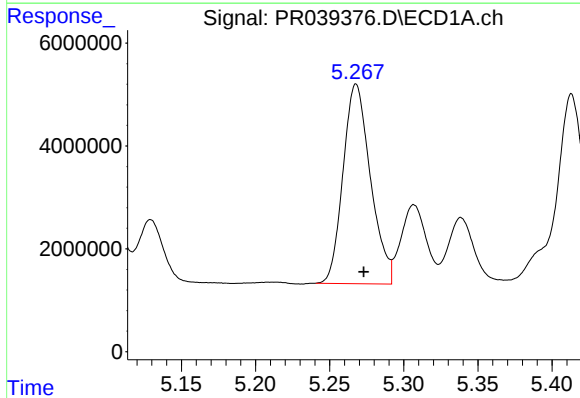
R.T.: 5.098 min
Delta R.T.: -0.006 min
Response: 37237007
Conc: 570.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



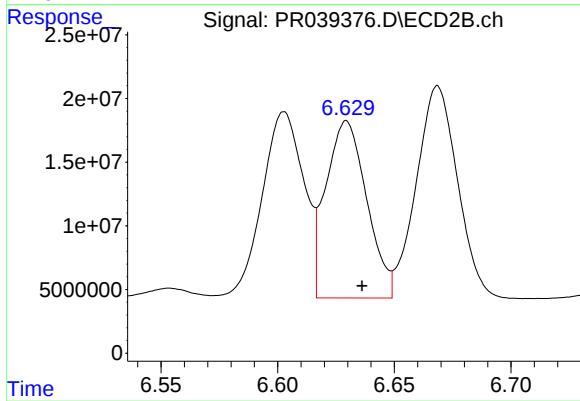
#23 AR-1248-3

R.T.: 6.231 min
Delta R.T.: -0.007 min
Response: 160260038
Conc: 579.87 ng/ml



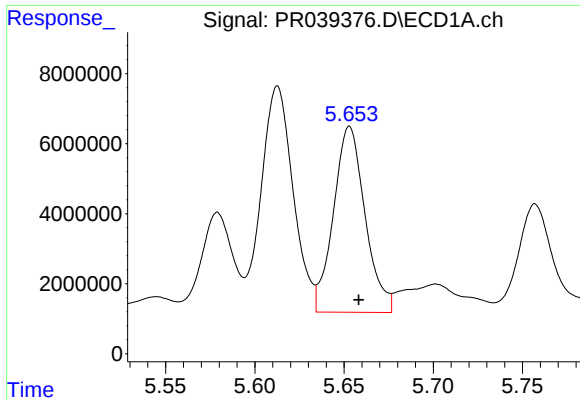
#24 AR-1248-4

R.T.: 5.268 min
Delta R.T.: -0.005 min
Response: 49950040
Conc: 609.32 ng/ml



#24 AR-1248-4

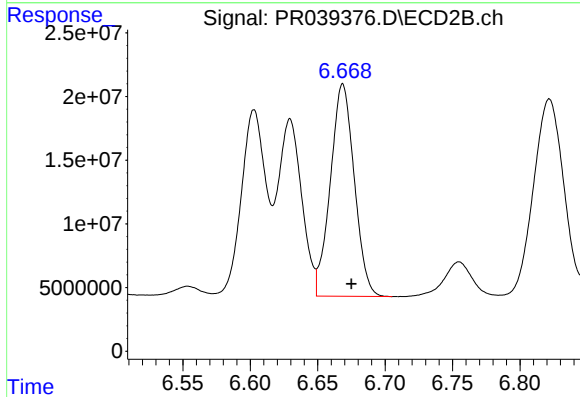
R.T.: 6.629 min
Delta R.T.: -0.007 min
Response: 169202627
Conc: 504.21 ng/ml



#25 AR-1248-5

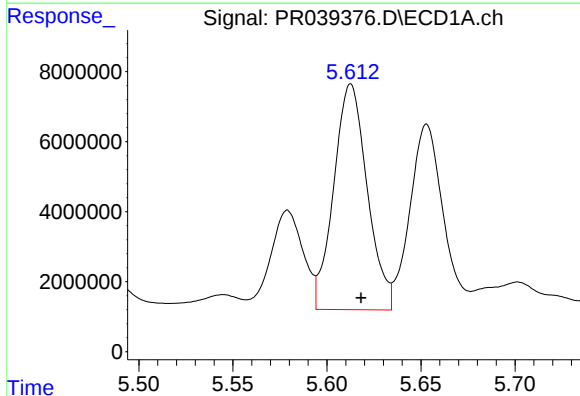
R.T.: 5.653 min
Delta R.T.: -0.005 min
Response: 65486582
Conc: 749.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



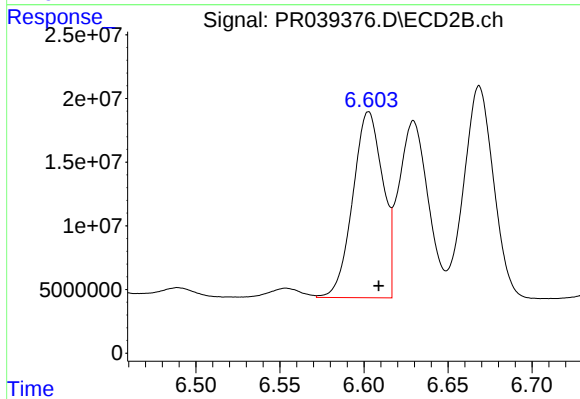
#25 AR-1248-5

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 206031614
Conc: 641.81 ng/ml



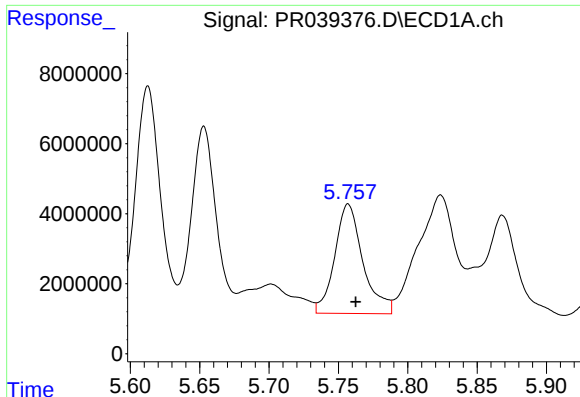
#26 AR-1254-1

R.T.: 5.613 min
Delta R.T.: -0.006 min
Response: 80048456
Conc: 605.25 ng/ml



#26 AR-1254-1

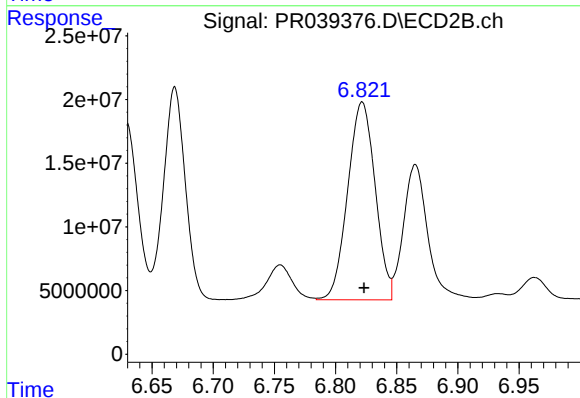
R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 181492021
Conc: 566.81 ng/ml



#27 AR-1254-2

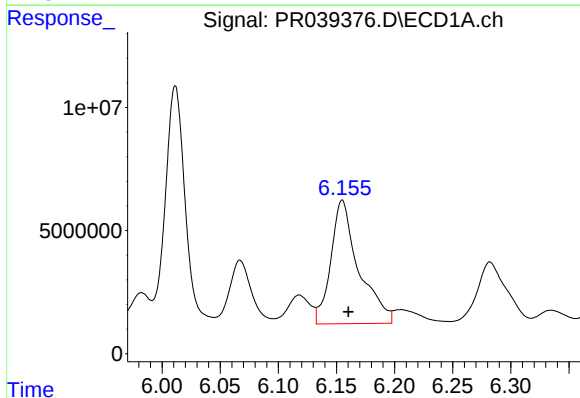
R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 44406272
Conc: 379.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



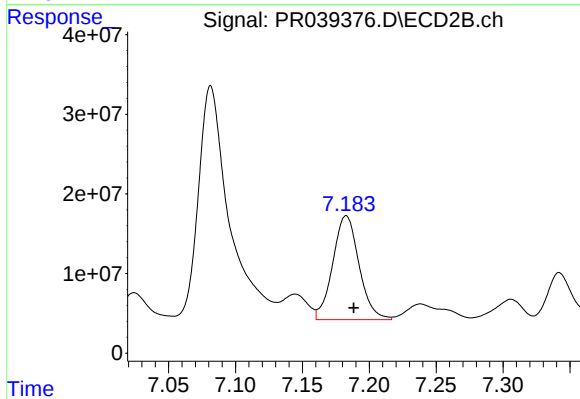
#27 AR-1254-2

R.T.: 6.822 min
Delta R.T.: -0.002 min
Response: 242611397
Conc: 474.10 ng/ml



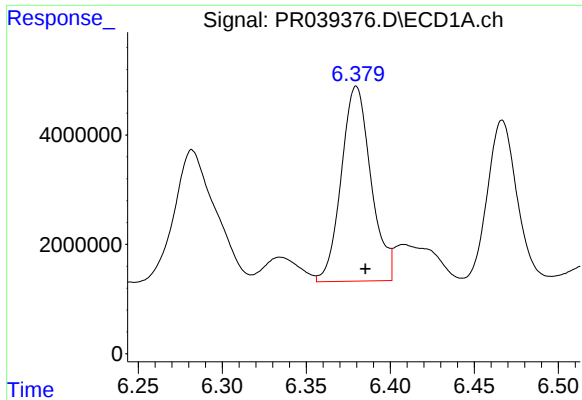
#28 AR-1254-3

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 83938626
Conc: 406.22 ng/ml



#28 AR-1254-3

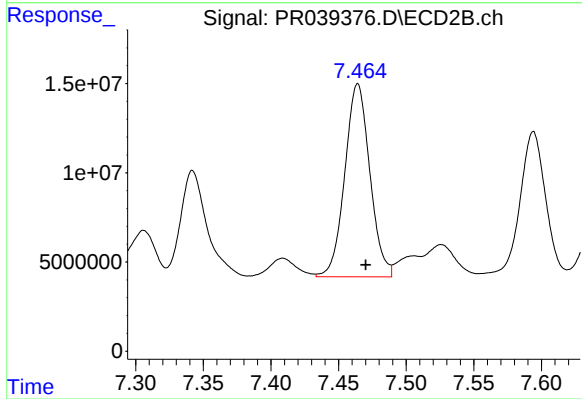
R.T.: 7.183 min
Delta R.T.: -0.006 min
Response: 178841294
Conc: 298.02 ng/ml



#29 AR-1254-4

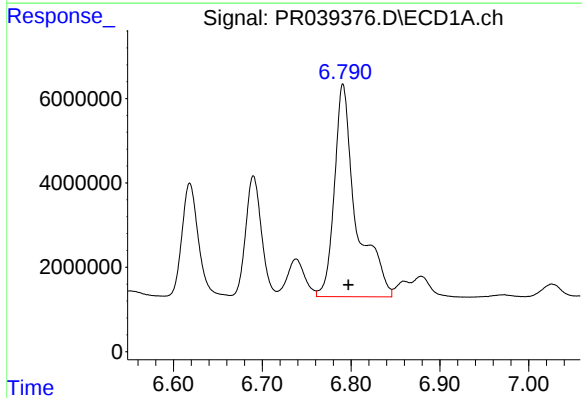
R.T.: 6.380 min
Delta R.T.: -0.005 min
Response: 43784486
Conc: 286.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



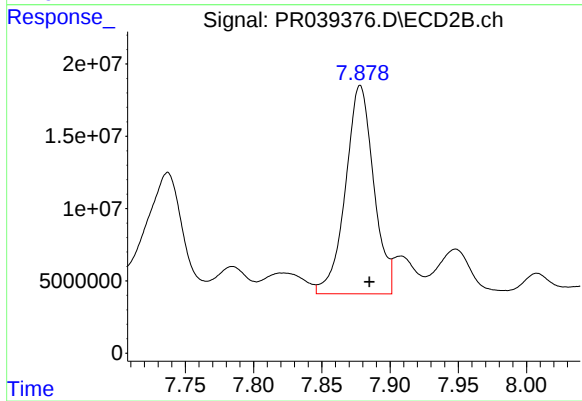
#29 AR-1254-4

R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 139416694
Conc: 322.15 ng/ml



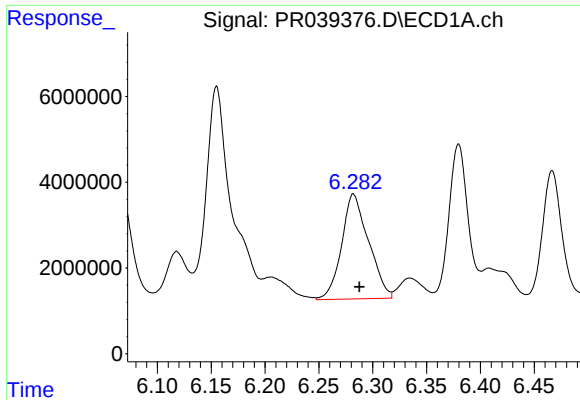
#30 AR-1254-5

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 85705269
Conc: 460.04 ng/ml



#30 AR-1254-5

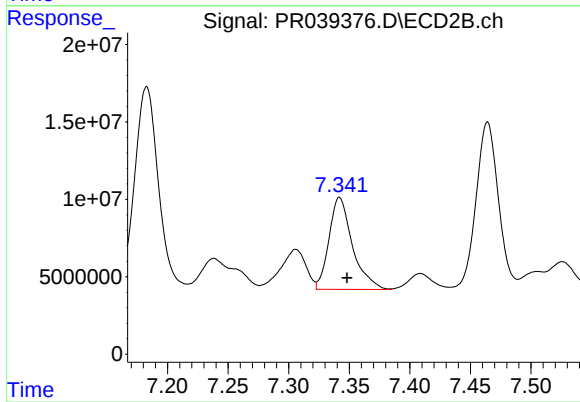
R.T.: 7.878 min
Delta R.T.: -0.007 min
Response: 207144652
Conc: 440.76 ng/ml



#31 AR-1260-1

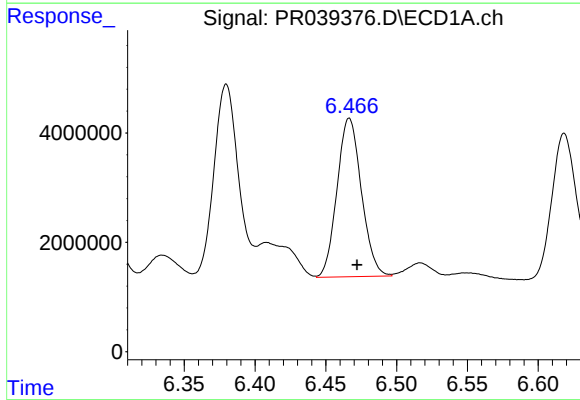
R.T.: 6.282 min
Delta R.T.: -0.006 min
Response: 42566857
Conc: 371.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



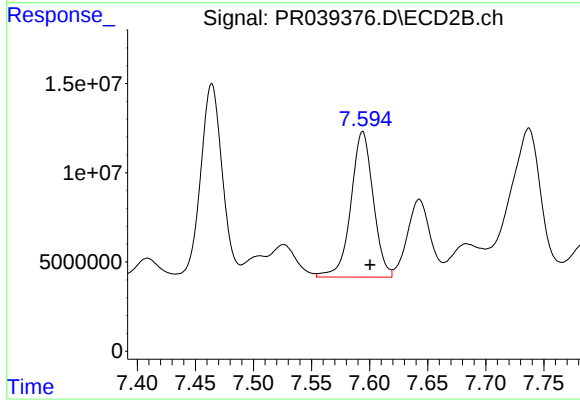
#31 AR-1260-1

R.T.: 7.342 min
Delta R.T.: -0.006 min
Response: 79904183
Conc: 220.04 ng/ml



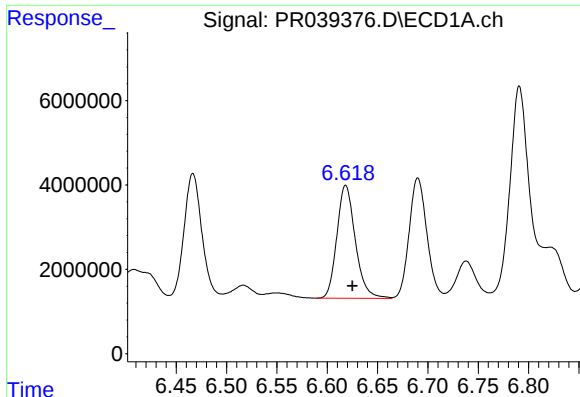
#32 AR-1260-2

R.T.: 6.467 min
Delta R.T.: -0.006 min
Response: 34745607
Conc: 230.39 ng/ml



#32 AR-1260-2

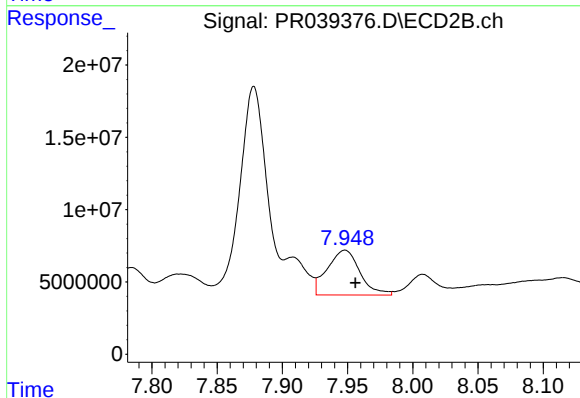
R.T.: 7.594 min
Delta R.T.: -0.006 min
Response: 108884090
Conc: 248.93 ng/ml



#33 AR-1260-3

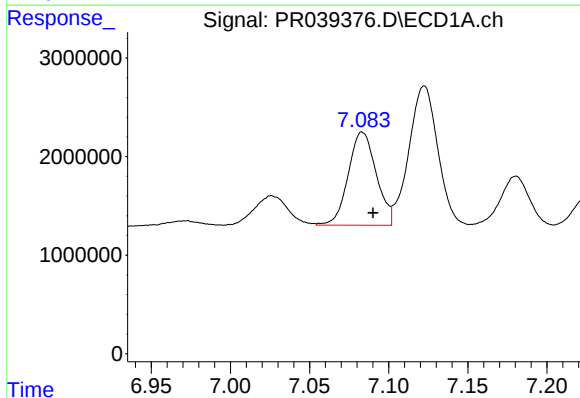
R.T.: 6.618 min
Delta R.T.: -0.007 min
Response: 34186897
Conc: 254.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



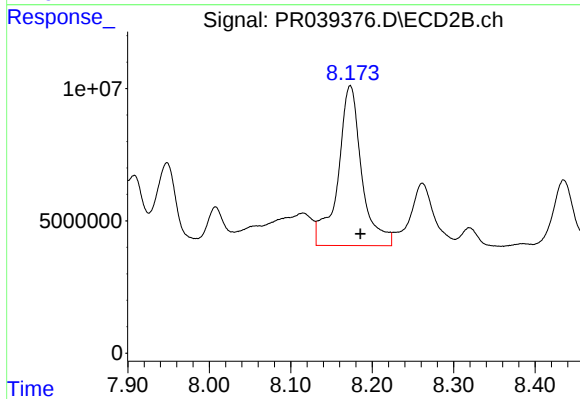
#33 AR-1260-3

R.T.: 7.948 min
Delta R.T.: -0.008 min
Response: 53783730
Conc: 158.48 ng/ml



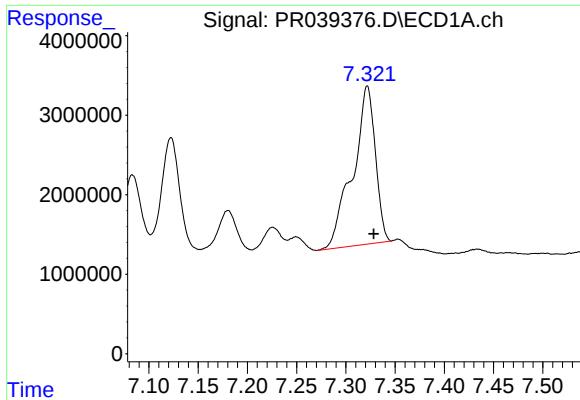
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: -0.007 min
Response: 11629738
Conc: 97.16 ng/ml



#34 AR-1260-4

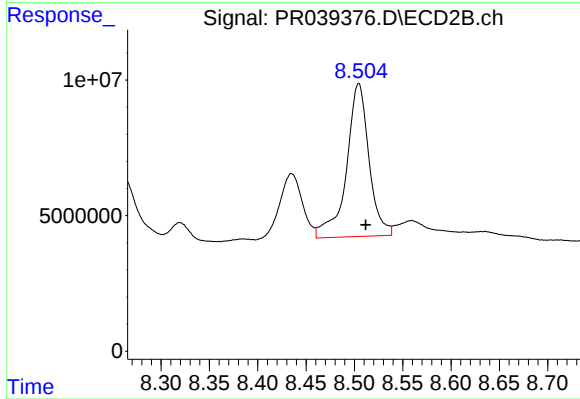
R.T.: 8.173 min
Delta R.T.: -0.012 min
Response: 122626050
Conc: 301.76 ng/ml



#35 AR-1260-5

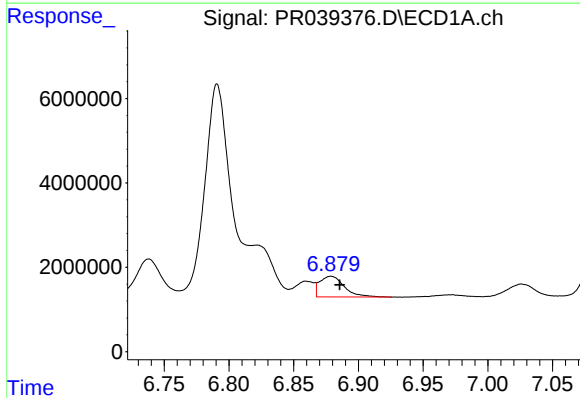
R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 31679988
Conc: 105.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



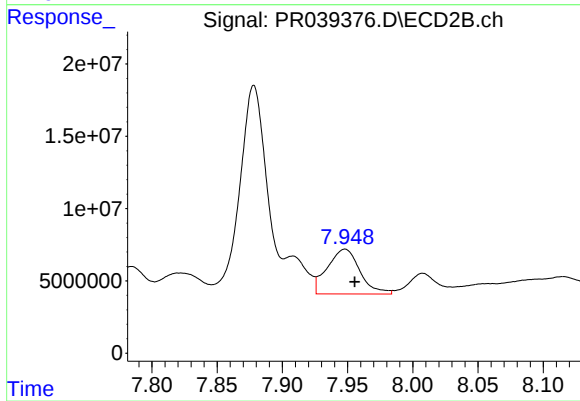
#35 AR-1260-5

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 91620108
Conc: 107.14 ng/ml



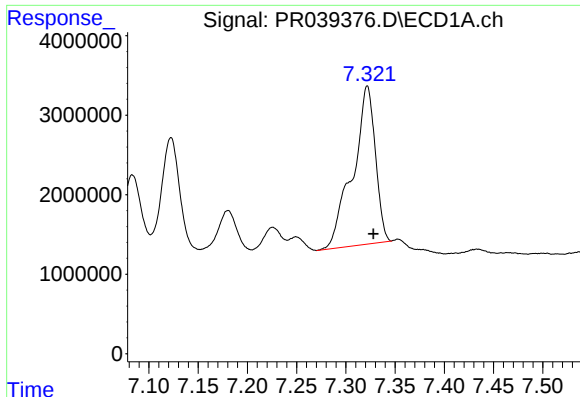
#36 AR-1262-1

R.T.: 6.879 min
Delta R.T.: -0.007 min
Response: 6514928
Conc: 68.73 ng/ml



#36 AR-1262-1

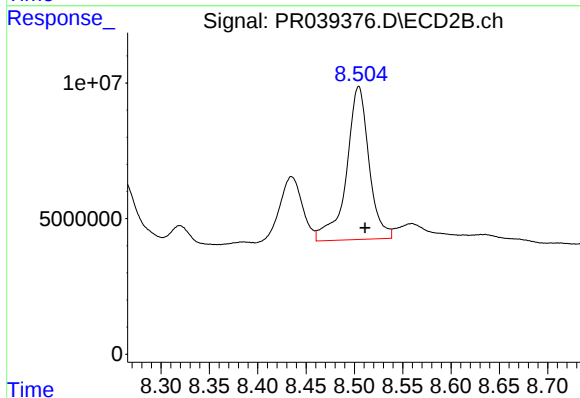
R.T.: 7.948 min
Delta R.T.: -0.007 min
Response: 53783730
Conc: 77.45 ng/ml



#37 AR-1262-2

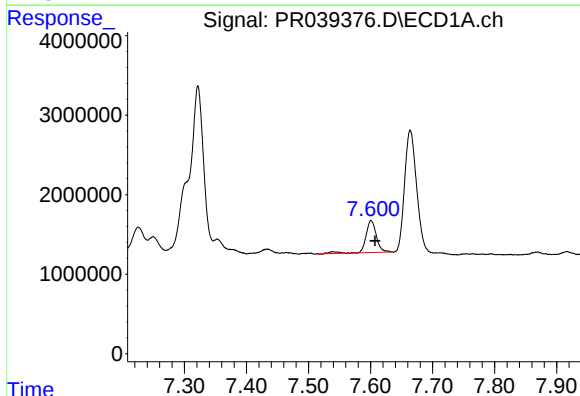
R.T.: 7.322 min
Delta R.T.: -0.006 min
Response: 31679988
Conc: 65.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



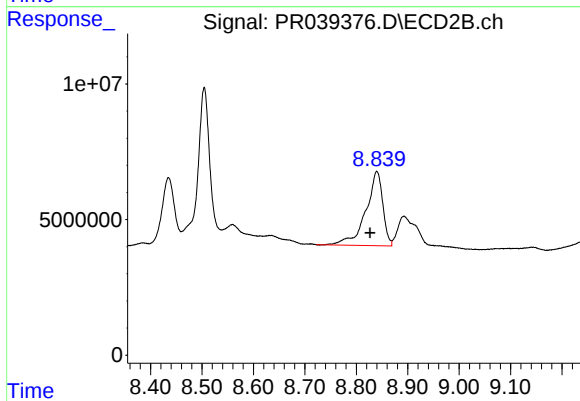
#37 AR-1262-2

R.T.: 8.504 min
Delta R.T.: -0.006 min
Response: 91620108
Conc: 66.84 ng/ml



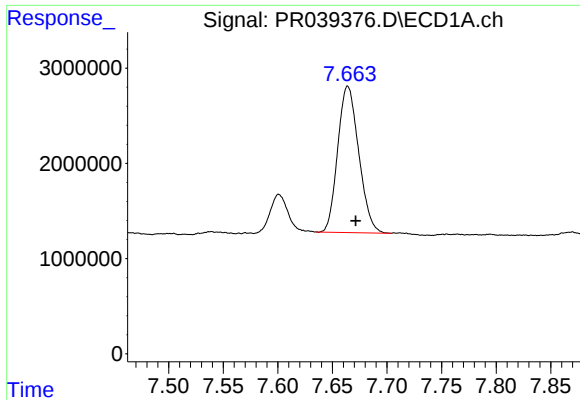
#38 AR-1262-3

R.T.: 7.601 min
Delta R.T.: -0.007 min
Response: 4757688
Conc: 26.20 ng/ml



#38 AR-1262-3

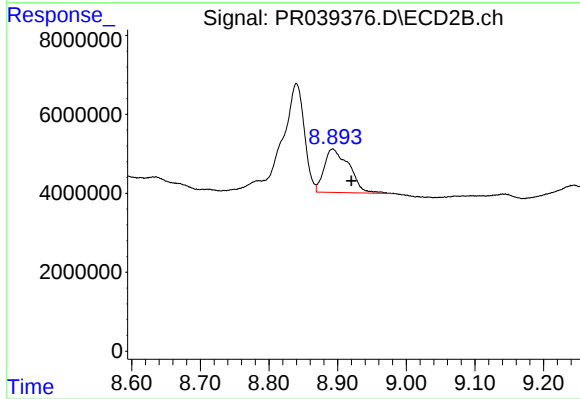
R.T.: 8.840 min
Delta R.T.: 0.013 min
Response: 62646606
Conc: 69.55 ng/ml



#39 AR-1262-4

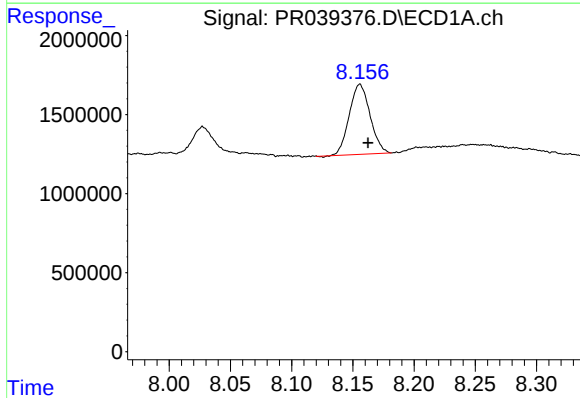
R.T.: 7.664 min
Delta R.T.: -0.007 min
Response: 20620558
Conc: 57.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



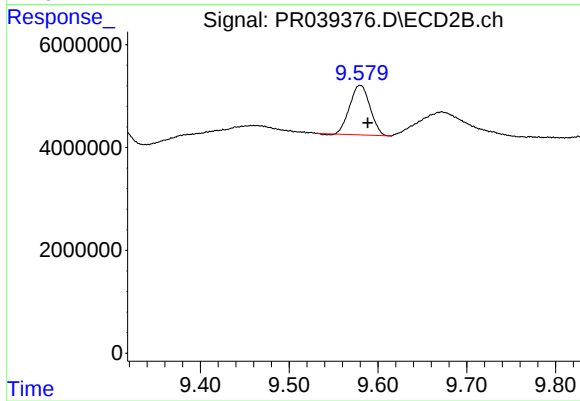
#39 AR-1262-4

R.T.: 8.893 min
Delta R.T.: -0.027 min
Response: 27908962
Conc: 41.57 ng/ml



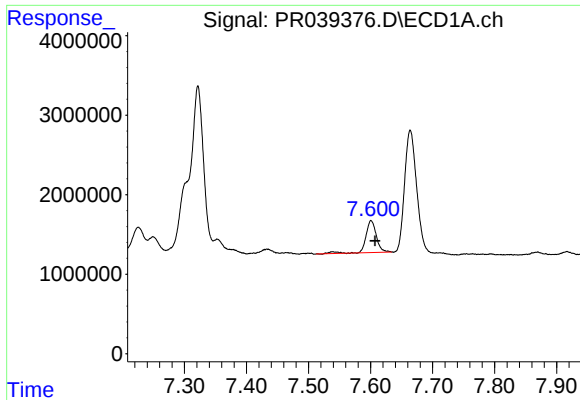
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: -0.007 min
Response: 5255691
Conc: 32.23 ng/ml



#40 AR-1262-5

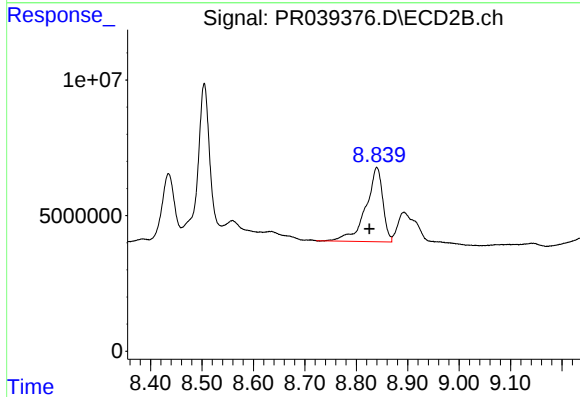
R.T.: 9.580 min
Delta R.T.: -0.009 min
Response: 15310398
Conc: 31.28 ng/ml



#41 AR-1268-1

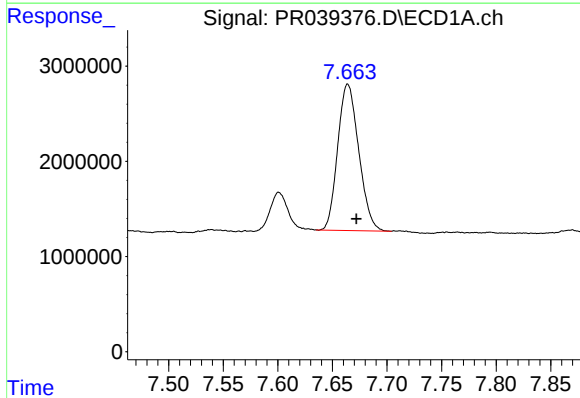
R.T.: 7.601 min
Delta R.T.: -0.006 min
Response: 4757688
Conc: 8.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



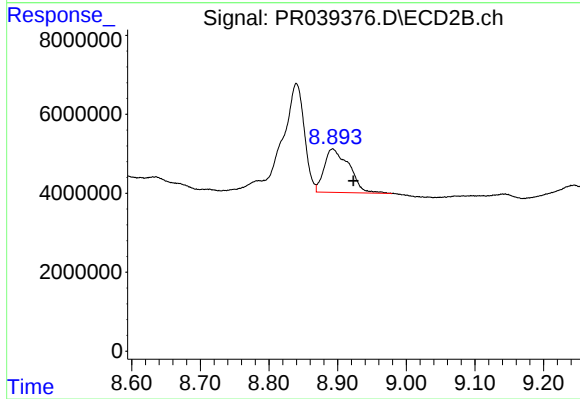
#41 AR-1268-1

R.T.: 8.840 min
Delta R.T.: 0.014 min
Response: 62646606
Conc: 39.76 ng/ml



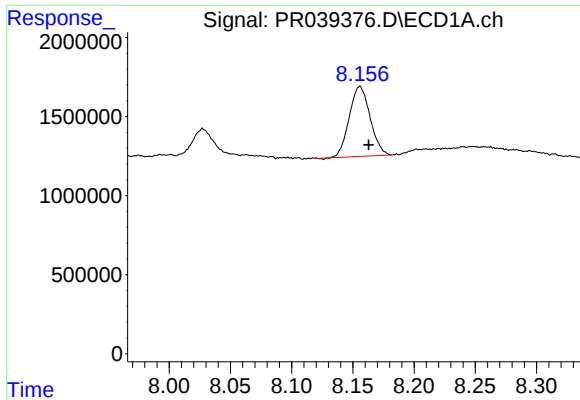
#42 AR-1268-2

R.T.: 7.664 min
Delta R.T.: -0.008 min
Response: 20620558
Conc: 41.63 ng/ml



#42 AR-1268-2

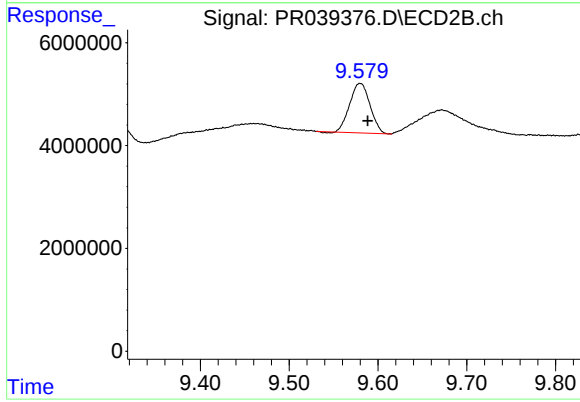
R.T.: 8.893 min
Delta R.T.: -0.030 min
Response: 27908962
Conc: 19.03 ng/ml



#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: -0.007 min
Response: 5255691
Conc: 29.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
DUP-11DL



#44 AR-1268-4

R.T.: 9.580 min
Delta R.T.: -0.008 min
Response: 15310398
Conc: 28.90 ng/ml