

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021919\
 Data File : PQ037397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2019 15:01
 Operator : SM\SJ
 Sample : K1390-02MS
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 16:16:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 13 16:51:51 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...	4.268	3.667	142.6E6	71399235	24.445	23.564
2)	SA Decachlor...	9.776	8.576	90925958	41205788	18.564	18.959
Target Compounds							
3)	L1 AR-1016-1	5.438	4.748	81442929	42384685	460.055	450.776
4)	L1 AR-1016-2	5.438	4.748	81442929	42384685	299.432	301.395
5)	L1 AR-1016-3	5.500	4.923	47252670	21778244	296.195	309.849
6)	L1 AR-1016-4	5.599	4.962	38804287	17336902	287.704	313.243
7)	L1 AR-1016-5	5.885	5.173	36777887	15116421	283.829	209.308 #
8)	L2 AR-1221-1	4.475	3.873	4443571	2161193	44.777	41.816
9)	L2 AR-1221-2	4.567	3.961	6620190	3210643	95.753	88.686
10)	L2 AR-1221-3	4.641	4.033	25099311	13360938	103.134	104.948
11)	L3 AR-1232-1	4.641	4.033	25099311	13360938	258.820	260.479
12)	L3 AR-1232-2	5.156	4.748	37510249	42384685	753.856	772.818
13)	L3 AR-1232-3	5.438	4.923	81442929	21778244	771.651	813.702
14)	L3 AR-1232-4	5.599	5.002	38804287	21243313	784.851	920.356
15)	L3 AR-1232-5	5.682	5.173	32979837	15116421	914.968	606.097 #
16)	L4 AR-1242-1	5.438	4.748	81442929	42384685	699.088	681.271
17)	L4 AR-1242-2	5.438	4.748	81442929	42384685	444.070	440.697
18)	L4 AR-1242-3	5.500	4.923	47252670	21778244	438.103	457.985
19)	L4 AR-1242-4	5.599	5.002	38804287	21243313	439.194	470.827
20)	L4 AR-1242-5	6.321	5.517	4778886	17690540	47.988	311.610 #
21)	L5 AR-1248-1	5.438	4.731	81442929	28273585	727.279	475.140 #
22)	L5 AR-1248-2	5.682	4.962	32979837	17336902	209.308	216.278
23)	L5 AR-1248-3	5.885	5.002	36777887	21243313	208.636	262.083 #
24)	L5 AR-1248-4	6.284	5.173	6016212	15116421	29.536	154.323 #
25)	L5 AR-1248-5	6.321	5.558	4778886	2536917	24.699	26.305
26)	L6 AR-1254-1	6.254	5.517	28642724	17690540	49.718	41.824
27)	L6 AR-1254-2	6.466	5.661	30775697	16311266	33.958	45.634 #
28)	L6 AR-1254-3	6.835	6.069	15035385	27304377	15.327	46.298 #
29)	L6 AR-1254-4	7.115	6.288	10389801	2915990	14.053	6.951 #
30)	L6 AR-1254-5	7.562	6.697	10406387	48357285	13.702	101.433 #
31)	L7 AR-1260-1	6.990	6.185	66766724	39254576	255.118	278.801
32)	L7 AR-1260-2	7.243	6.373	80173134	45069266	241.040	259.380
33)	L7 AR-1260-3	7.596	6.522	51511572	40784822	240.076	255.163
34)	L7 AR-1260-4	7.826	6.986	53637218	27135840	223.832	258.979
35)	L7 AR-1260-5	8.134	7.230	108.7E6	58973741	218.912	229.547
36)	L8 AR-1262-1	7.596	6.728	51511572	30648499	119.472	145.195
37)	L8 AR-1262-2	8.134	7.230	108.7E6	58973741	146.607	162.397
38)	L8 AR-1262-3	8.448	7.504	36411919	11626194	116.760	82.902 #
39)	L8 AR-1262-4	8.495	7.571	33548596	41408894	91.955	162.962 #
40)	L8 AR-1262-5	9.121	8.065	24489895	11585522	108.102	111.433
41)	L9 AR-1268-1	8.448	7.504	36411919	11626194	47.590	32.400 #

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 Acq On : 19 Feb 2019 15:01
 Operator : SM\SJ
 Sample : K1390-02MS
 Misc :
 ALS Vial : 141 Sample Multiplier: 1

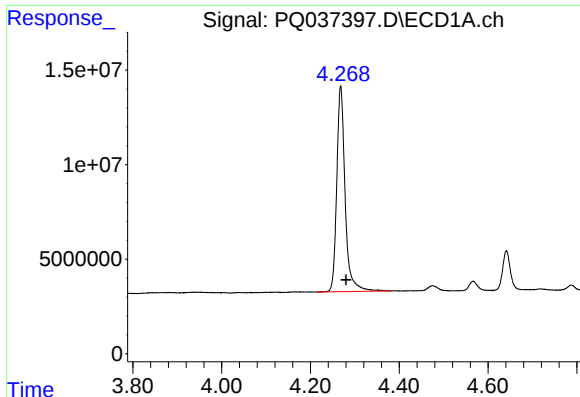
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 16:16:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
 Quant Title : GC EXTRACTABLES
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 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
42) L9	AR-1268-2	8.495	7.571	33548596	41408894	47.804	127.656 #
44) L9	AR-1268-4	9.121	8.065	24489895	11585522	107.621	109.027
45) L9	AR-1268-5	9.486	8.342	4525515	3981262	2.504	4.810 #

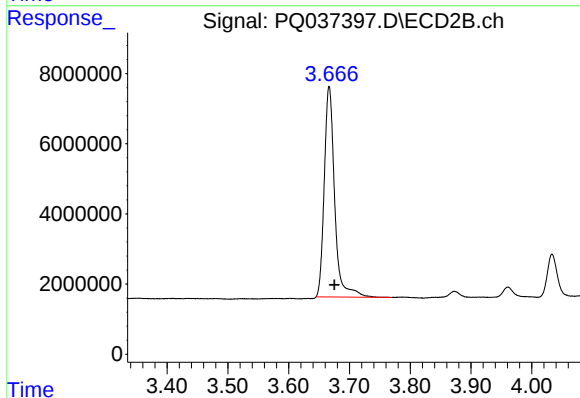
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

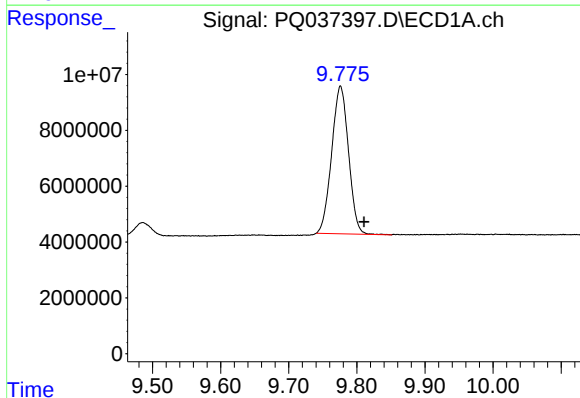
R.T.: 4.268 min
Delta R.T.: -0.012 min
Response: 142564601
Conc: 24.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



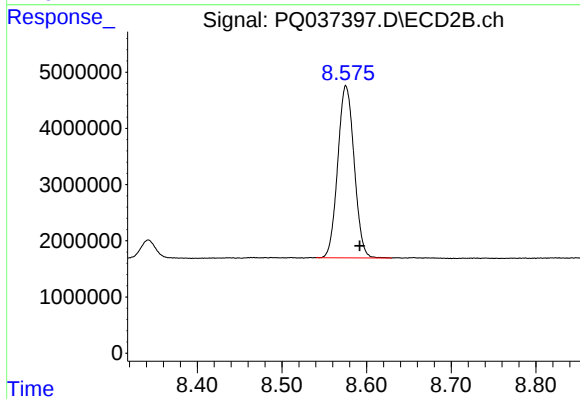
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.009 min
Response: 71399235
Conc: 23.56 ng/ml



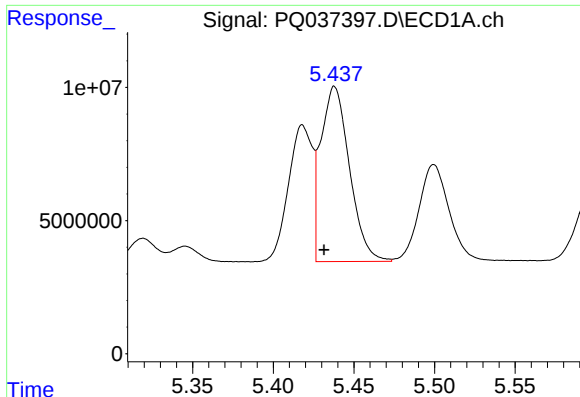
#2 Decachlorobiphenyl

R.T.: 9.776 min
Delta R.T.: -0.035 min
Response: 90925958
Conc: 18.56 ng/ml



#2 Decachlorobiphenyl

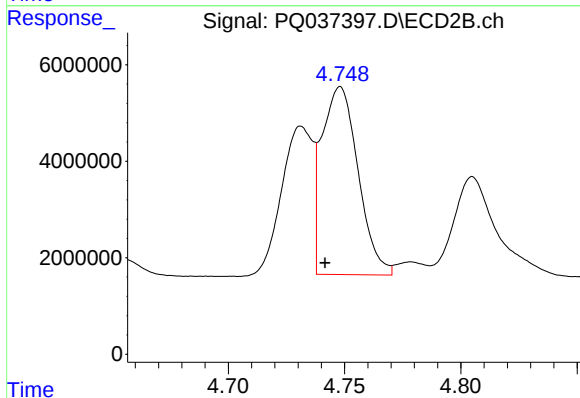
R.T.: 8.576 min
Delta R.T.: -0.016 min
Response: 41205788
Conc: 18.96 ng/ml



#3 AR-1016-1

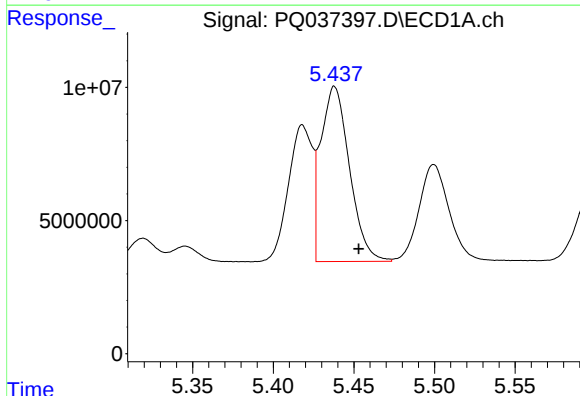
R.T.: 5.438 min
Delta R.T.: 0.007 min
Response: 81442929
Conc: 460.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



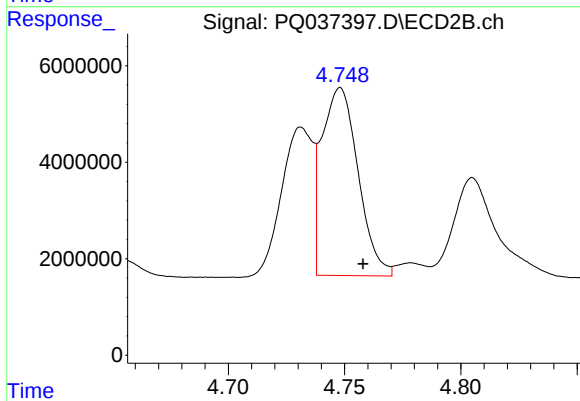
#3 AR-1016-1

R.T.: 4.748 min
Delta R.T.: 0.007 min
Response: 42384685
Conc: 450.78 ng/ml



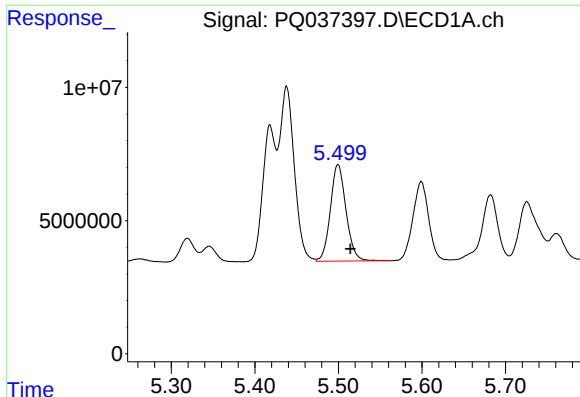
#4 AR-1016-2

R.T.: 5.438 min
Delta R.T.: -0.015 min
Response: 81442929
Conc: 299.43 ng/ml



#4 AR-1016-2

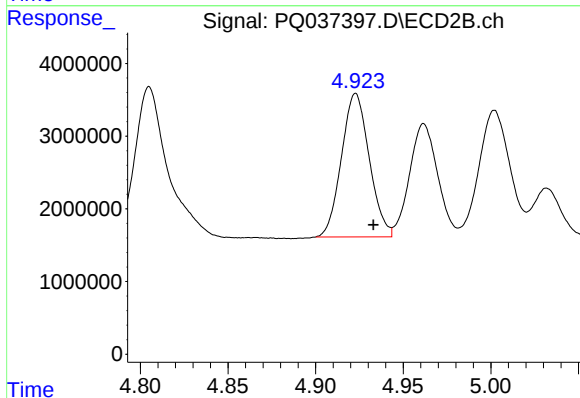
R.T.: 4.748 min
Delta R.T.: -0.010 min
Response: 42384685
Conc: 301.39 ng/ml



#5 AR-1016-3

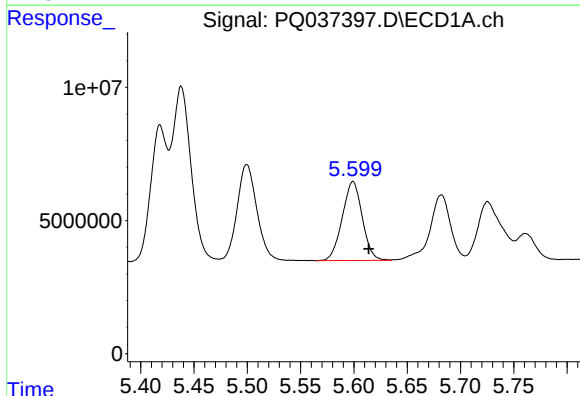
R.T.: 5.500 min
Delta R.T.: -0.015 min
Response: 47252670
Conc: 296.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



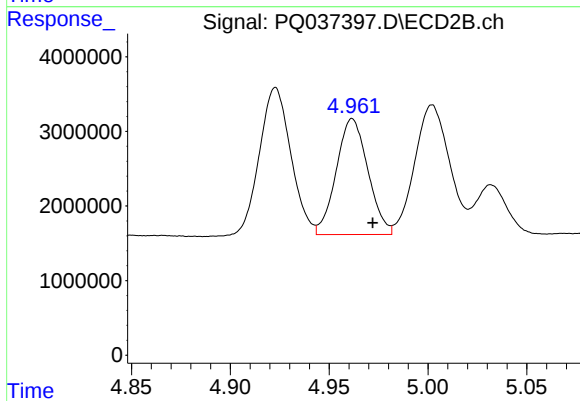
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: -0.010 min
Response: 21778244
Conc: 309.85 ng/ml



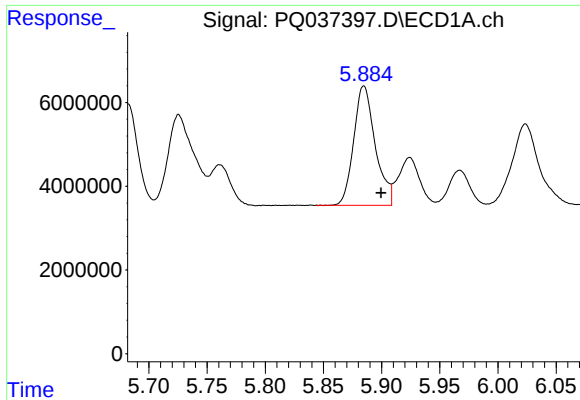
#6 AR-1016-4

R.T.: 5.599 min
Delta R.T.: -0.015 min
Response: 38804287
Conc: 287.70 ng/ml



#6 AR-1016-4

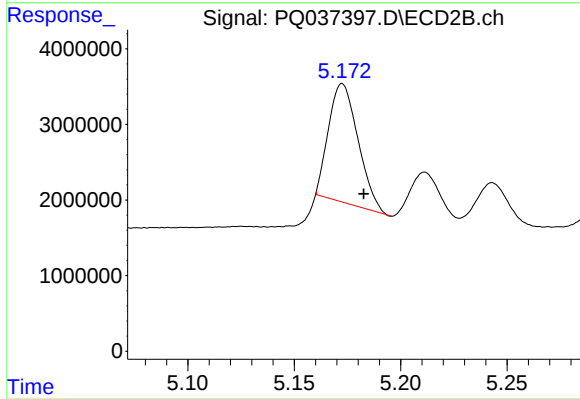
R.T.: 4.962 min
Delta R.T.: -0.010 min
Response: 17336902
Conc: 313.24 ng/ml



#7 AR-1016-5

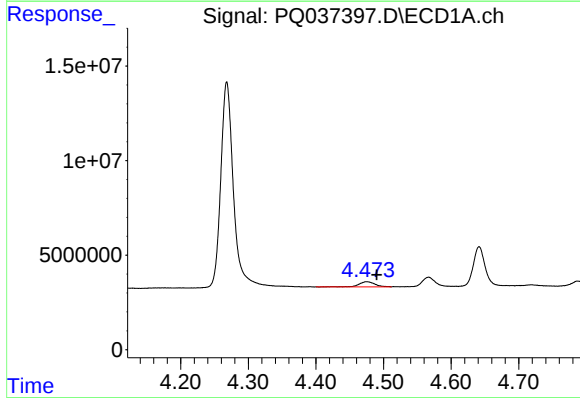
R.T.: 5.885 min
Delta R.T.: -0.015 min
Response: 36777887
Conc: 283.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



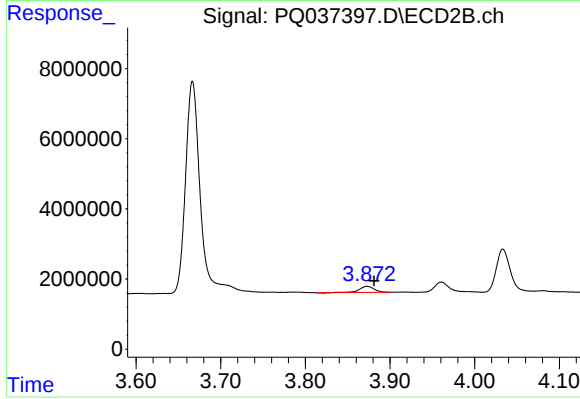
#7 AR-1016-5

R.T.: 5.173 min
Delta R.T.: -0.010 min
Response: 15116421
Conc: 209.31 ng/ml



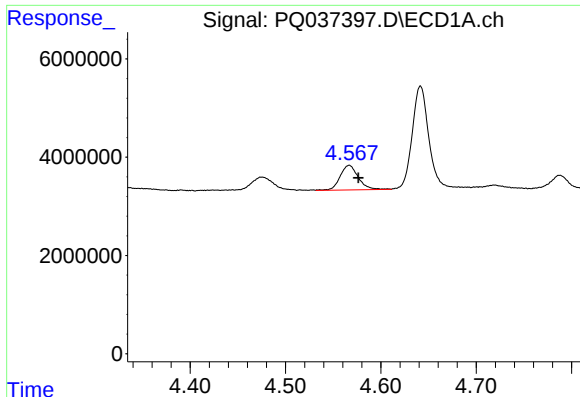
#8 AR-1221-1

R.T.: 4.475 min
Delta R.T.: -0.015 min
Response: 4443571
Conc: 44.78 ng/ml



#8 AR-1221-1

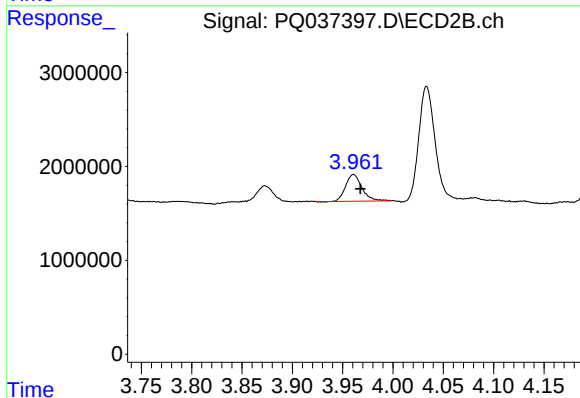
R.T.: 3.873 min
Delta R.T.: -0.009 min
Response: 2161193
Conc: 41.82 ng/ml



#9 AR-1221-2

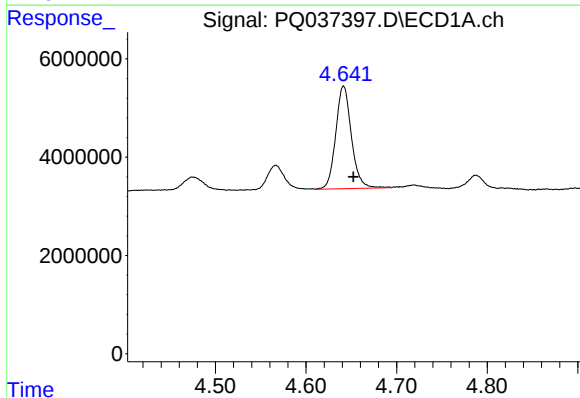
R.T.: 4.567 min
Delta R.T.: -0.010 min
Response: 6620190
Conc: 95.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



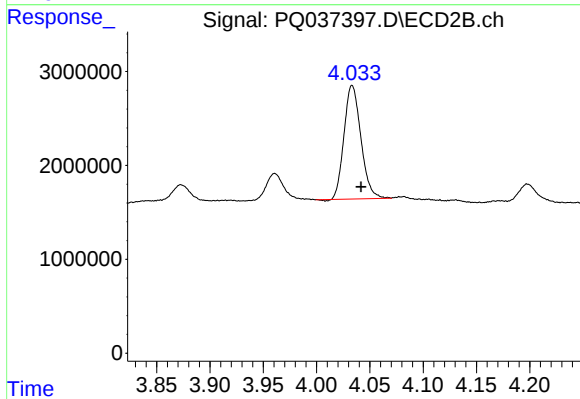
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: -0.007 min
Response: 3210643
Conc: 88.69 ng/ml



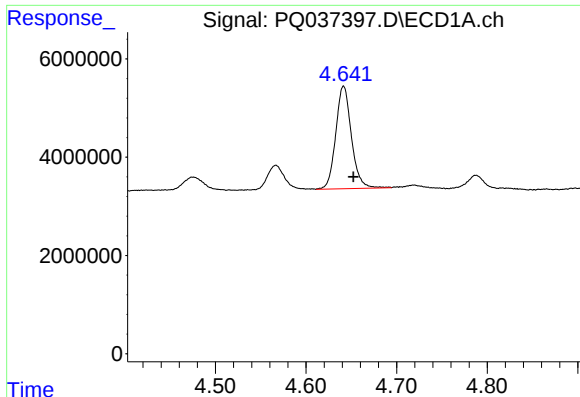
#10 AR-1221-3

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 25099311
Conc: 103.13 ng/ml



#10 AR-1221-3

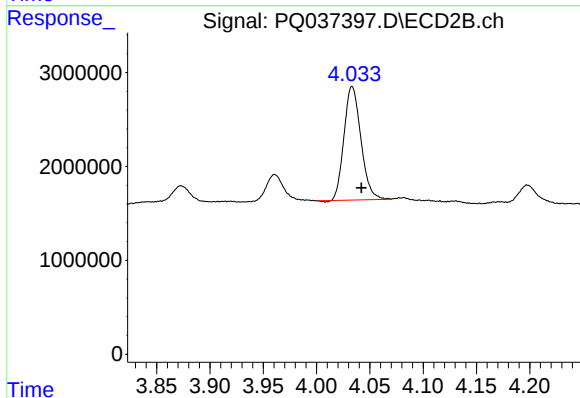
R.T.: 4.033 min
Delta R.T.: -0.008 min
Response: 13360938
Conc: 104.95 ng/ml



#11 AR-1232-1

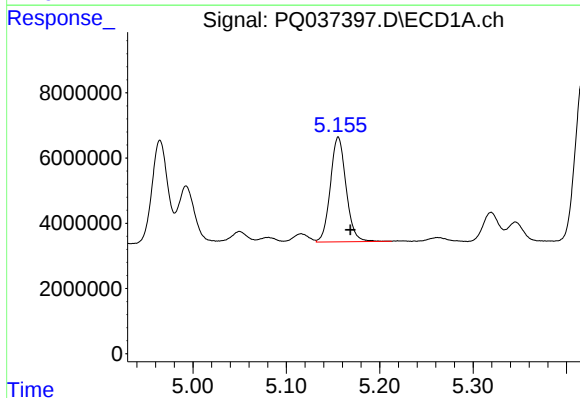
R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 25099311
Conc: 258.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



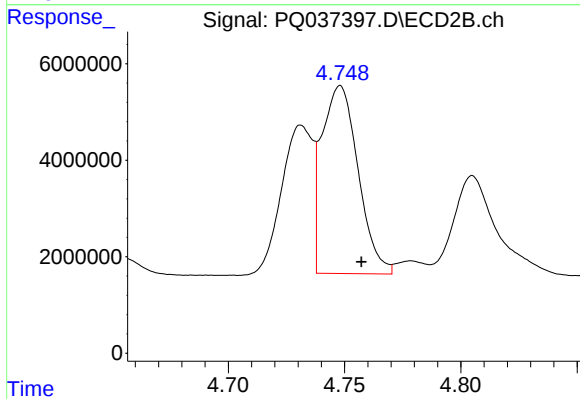
#11 AR-1232-1

R.T.: 4.033 min
Delta R.T.: -0.009 min
Response: 13360938
Conc: 260.48 ng/ml



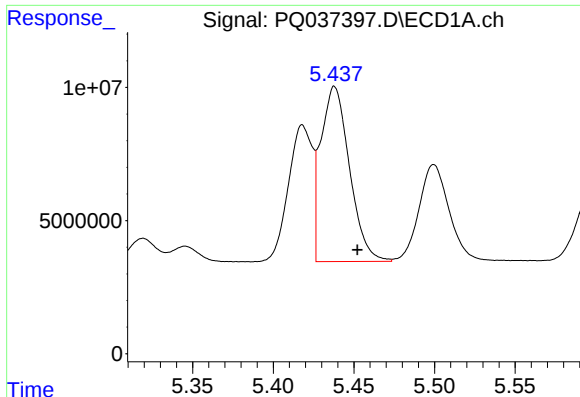
#12 AR-1232-2

R.T.: 5.156 min
Delta R.T.: -0.013 min
Response: 37510249
Conc: 753.86 ng/ml



#12 AR-1232-2

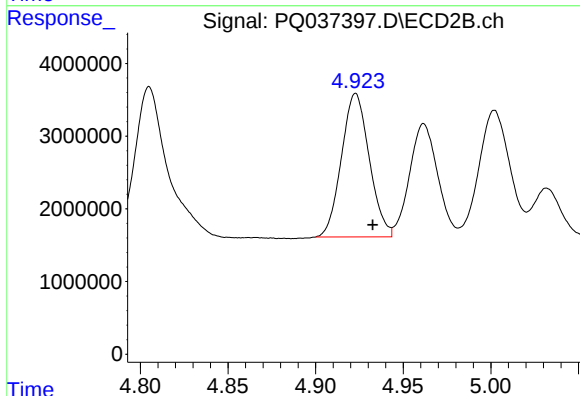
R.T.: 4.748 min
Delta R.T.: -0.009 min
Response: 42384685
Conc: 772.82 ng/ml



#13 AR-1232-3

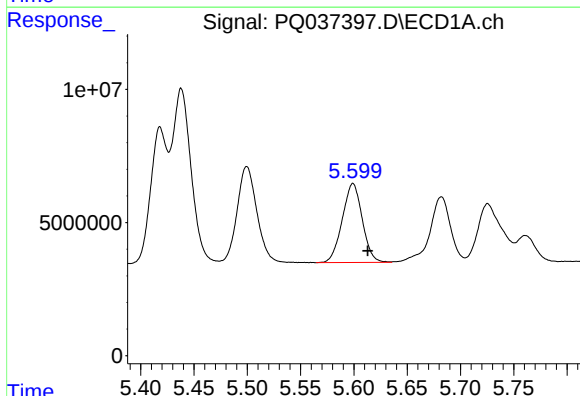
R.T.: 5.438 min
Delta R.T.: -0.014 min
Response: 81442929
Conc: 771.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



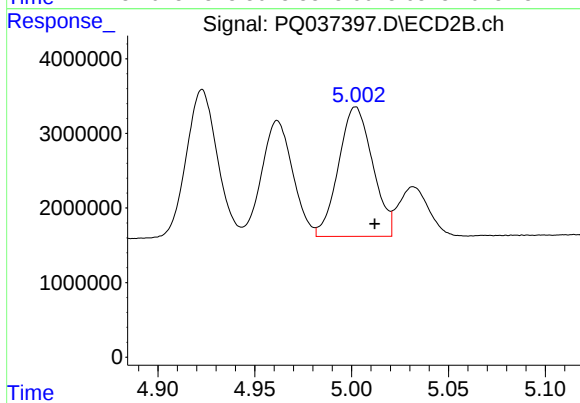
#13 AR-1232-3

R.T.: 4.923 min
Delta R.T.: -0.010 min
Response: 21778244
Conc: 813.70 ng/ml



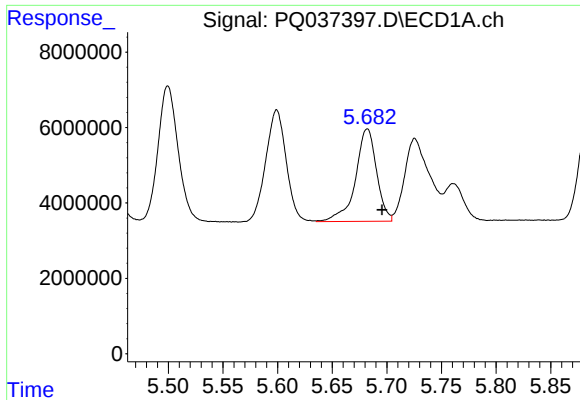
#14 AR-1232-4

R.T.: 5.599 min
Delta R.T.: -0.014 min
Response: 38804287
Conc: 784.85 ng/ml



#14 AR-1232-4

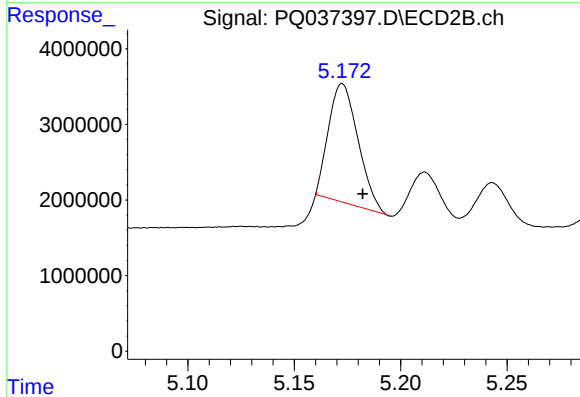
R.T.: 5.002 min
Delta R.T.: -0.010 min
Response: 21243313
Conc: 920.36 ng/ml



#15 AR-1232-5

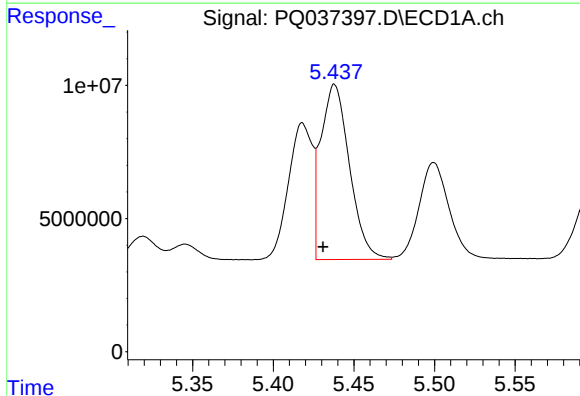
R.T.: 5.682 min
Delta R.T.: -0.014 min
Response: 32979837
Conc: 914.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



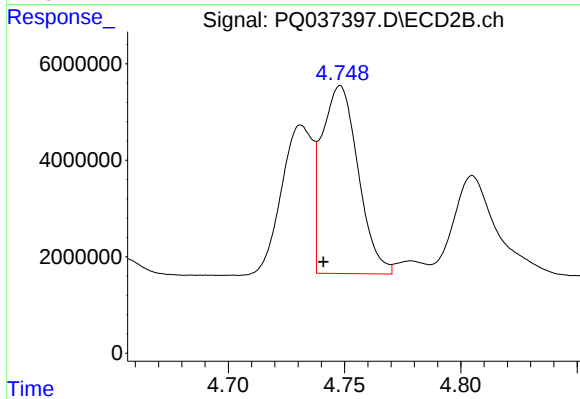
#15 AR-1232-5

R.T.: 5.173 min
Delta R.T.: -0.010 min
Response: 15116421
Conc: 606.10 ng/ml



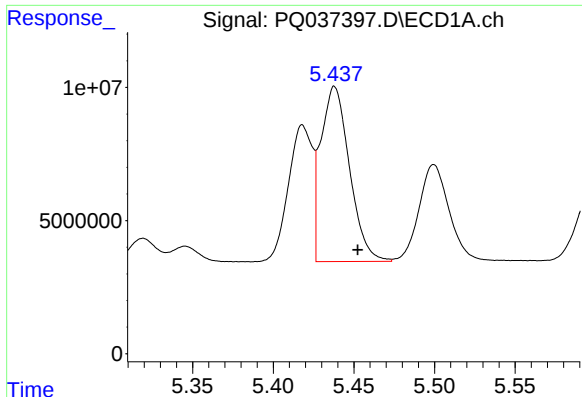
#16 AR-1242-1

R.T.: 5.438 min
Delta R.T.: 0.007 min
Response: 81442929
Conc: 699.09 ng/ml



#16 AR-1242-1

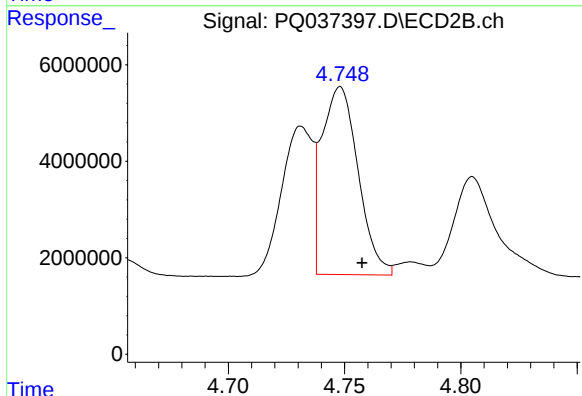
R.T.: 4.748 min
Delta R.T.: 0.007 min
Response: 42384685
Conc: 681.27 ng/ml



#17 AR-1242-2

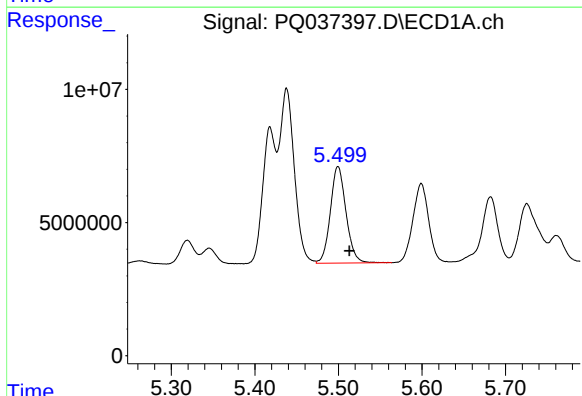
R.T.: 5.438 min
Delta R.T.: -0.014 min
Response: 81442929
Conc: 444.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



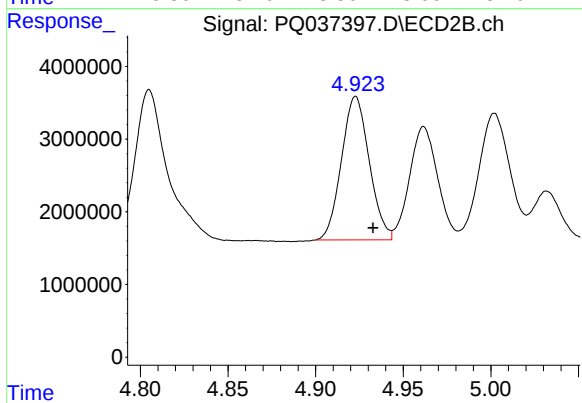
#17 AR-1242-2

R.T.: 4.748 min
Delta R.T.: -0.009 min
Response: 42384685
Conc: 440.70 ng/ml



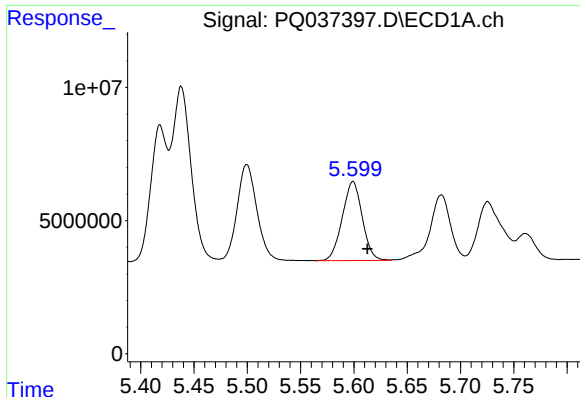
#18 AR-1242-3

R.T.: 5.500 min
Delta R.T.: -0.013 min
Response: 47252670
Conc: 438.10 ng/ml



#18 AR-1242-3

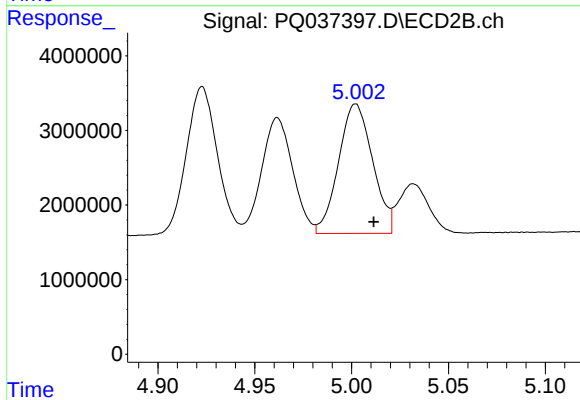
R.T.: 4.923 min
Delta R.T.: -0.010 min
Response: 21778244
Conc: 457.98 ng/ml



#19 AR-1242-4

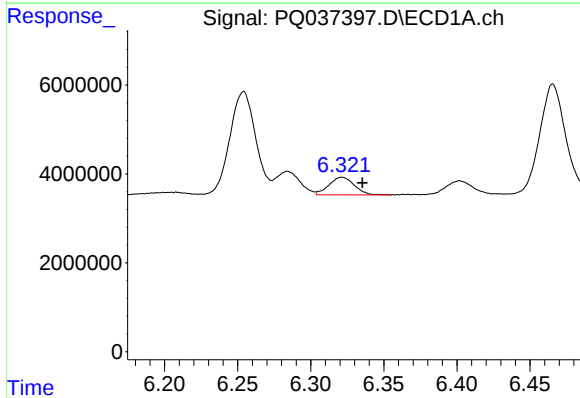
R.T.: 5.599 min
Delta R.T.: -0.013 min
Response: 38804287
Conc: 439.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



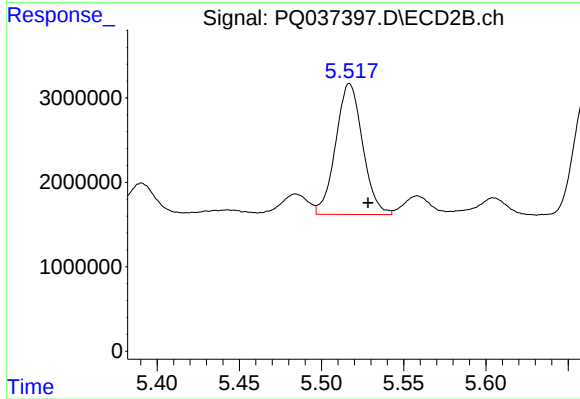
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: -0.009 min
Response: 21243313
Conc: 470.83 ng/ml



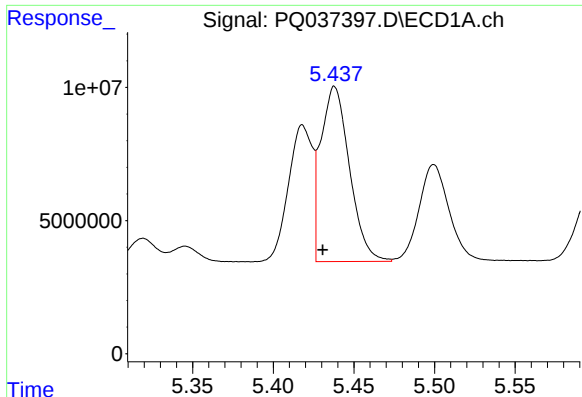
#20 AR-1242-5

R.T.: 6.321 min
Delta R.T.: -0.014 min
Response: 4778886
Conc: 47.99 ng/ml



#20 AR-1242-5

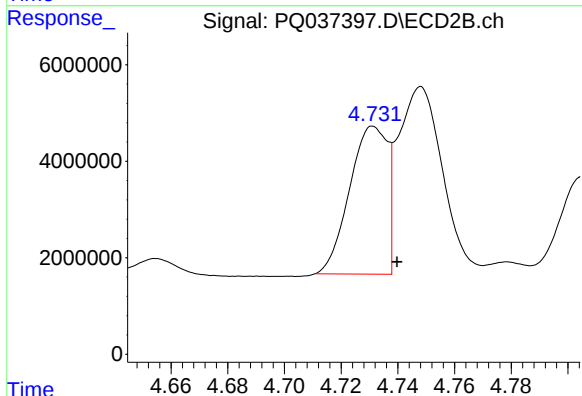
R.T.: 5.517 min
Delta R.T.: -0.011 min
Response: 17690540
Conc: 311.61 ng/ml



#21 AR-1248-1

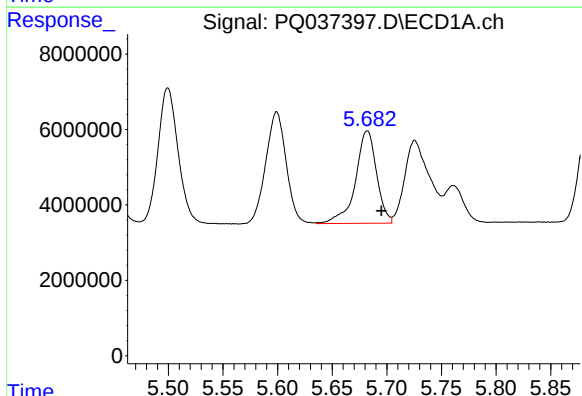
R.T.: 5.438 min
Delta R.T.: 0.007 min
Response: 81442929
Conc: 727.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



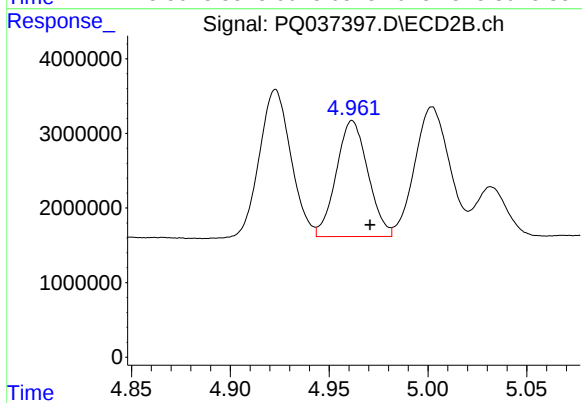
#21 AR-1248-1

R.T.: 4.731 min
Delta R.T.: -0.008 min
Response: 28273585
Conc: 475.14 ng/ml



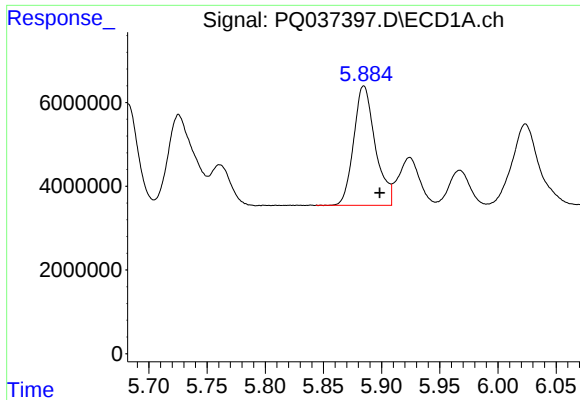
#22 AR-1248-2

R.T.: 5.682 min
Delta R.T.: -0.013 min
Response: 32979837
Conc: 209.31 ng/ml



#22 AR-1248-2

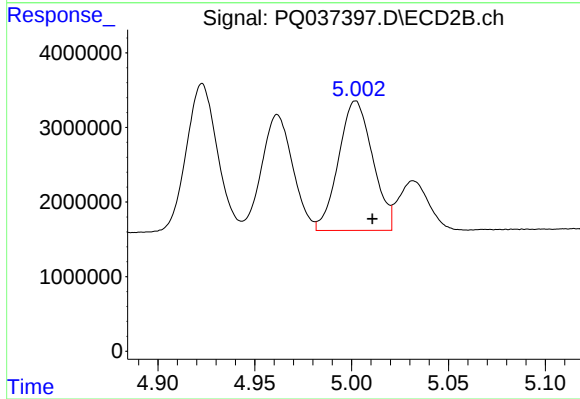
R.T.: 4.962 min
Delta R.T.: -0.009 min
Response: 17336902
Conc: 216.28 ng/ml



#23 AR-1248-3

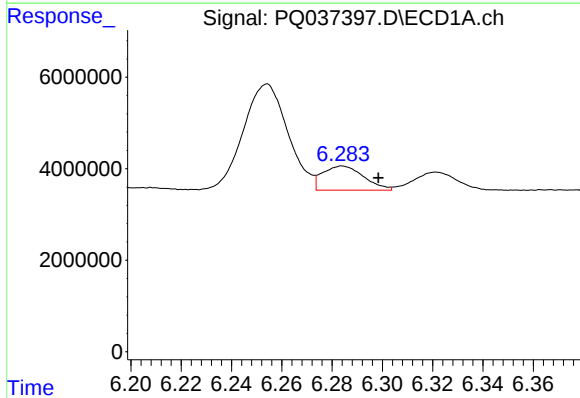
R.T.: 5.885 min
Delta R.T.: -0.014 min
Response: 36777887
Conc: 208.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



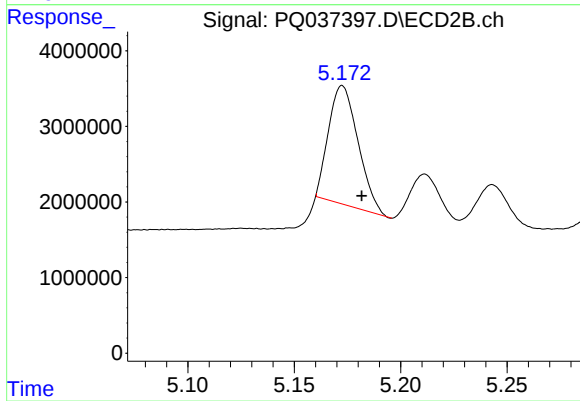
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: -0.009 min
Response: 21243313
Conc: 262.08 ng/ml



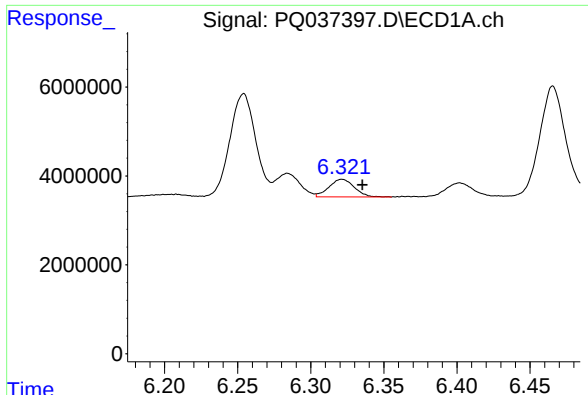
#24 AR-1248-4

R.T.: 6.284 min
Delta R.T.: -0.014 min
Response: 6016212
Conc: 29.54 ng/ml



#24 AR-1248-4

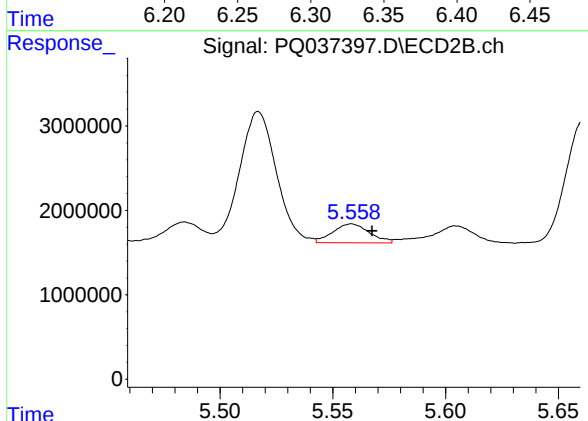
R.T.: 5.173 min
Delta R.T.: -0.009 min
Response: 15116421
Conc: 154.32 ng/ml



#25 AR-1248-5

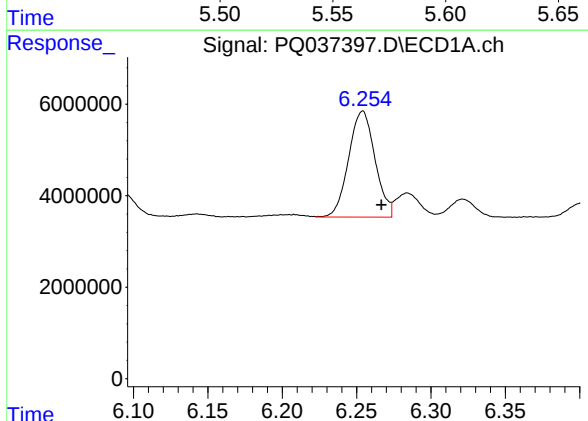
R.T.: 6.321 min
Delta R.T.: -0.014 min
Response: 4778886
Conc: 24.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



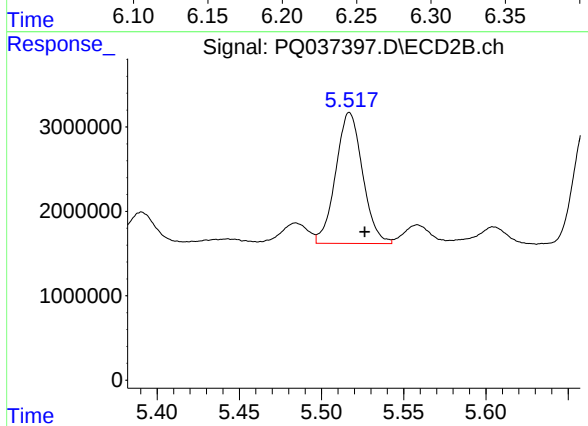
#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 2536917
Conc: 26.30 ng/ml



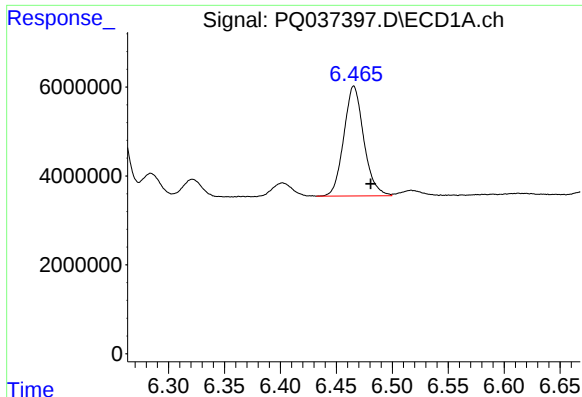
#26 AR-1254-1

R.T.: 6.254 min
Delta R.T.: -0.013 min
Response: 28642724
Conc: 49.72 ng/ml



#26 AR-1254-1

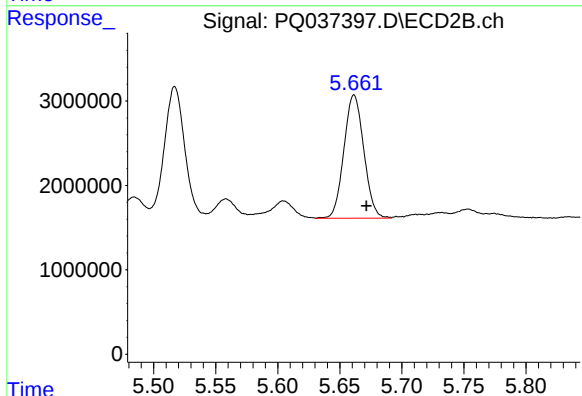
R.T.: 5.517 min
Delta R.T.: -0.009 min
Response: 17690540
Conc: 41.82 ng/ml



#27 AR-1254-2

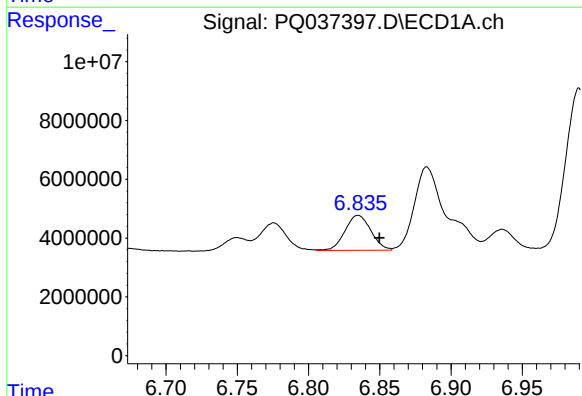
R.T.: 6.466 min
Delta R.T.: -0.015 min
Response: 30775697
Conc: 33.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



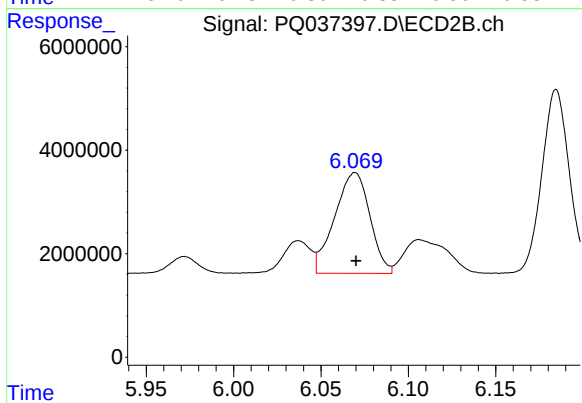
#27 AR-1254-2

R.T.: 5.661 min
Delta R.T.: -0.010 min
Response: 16311266
Conc: 45.63 ng/ml



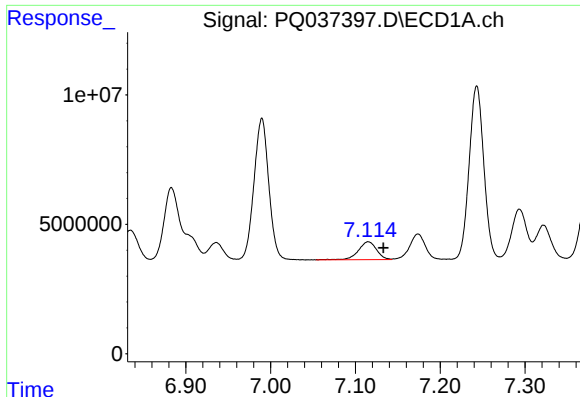
#28 AR-1254-3

R.T.: 6.835 min
Delta R.T.: -0.015 min
Response: 15035385
Conc: 15.33 ng/ml



#28 AR-1254-3

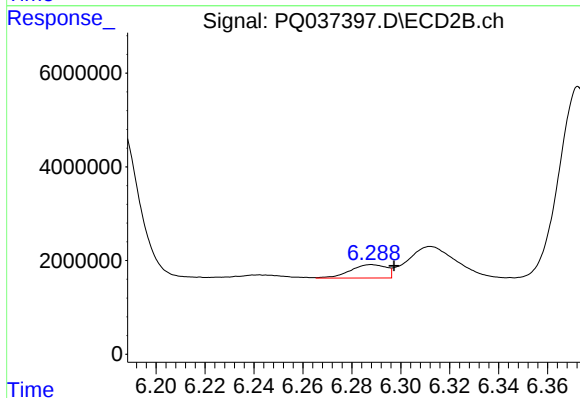
R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 27304377
Conc: 46.30 ng/ml



#29 AR-1254-4

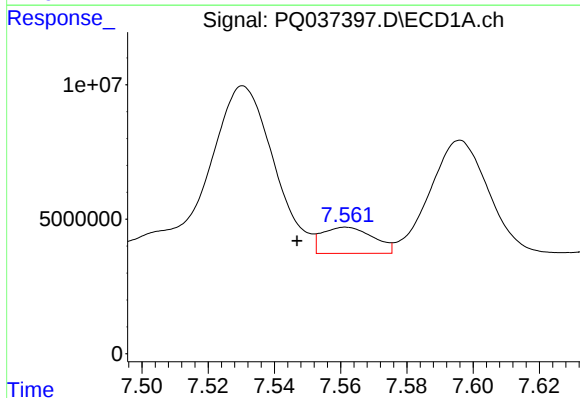
R.T.: 7.115 min
Delta R.T.: -0.018 min
Response: 10389801
Conc: 14.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



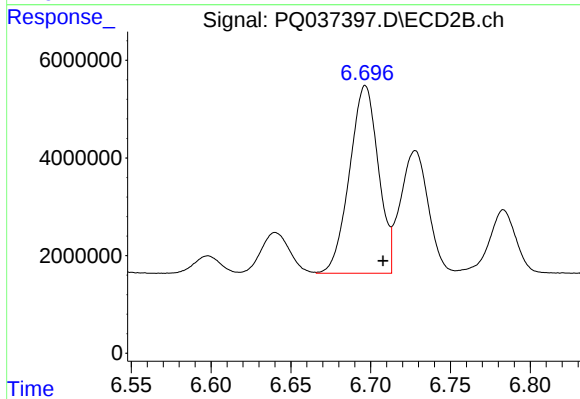
#29 AR-1254-4

R.T.: 6.288 min
Delta R.T.: -0.009 min
Response: 2915990
Conc: 6.95 ng/ml



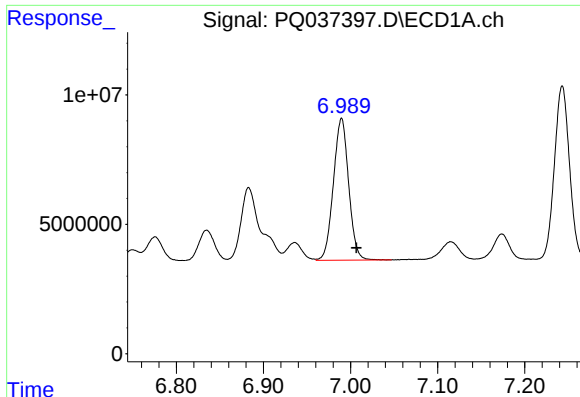
#30 AR-1254-5

R.T.: 7.562 min
Delta R.T.: 0.015 min
Response: 10406387
Conc: 13.70 ng/ml



#30 AR-1254-5

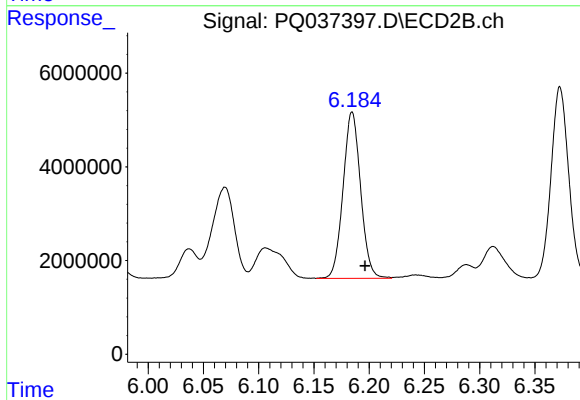
R.T.: 6.697 min
Delta R.T.: -0.011 min
Response: 48357285
Conc: 101.43 ng/ml



#31 AR-1260-1

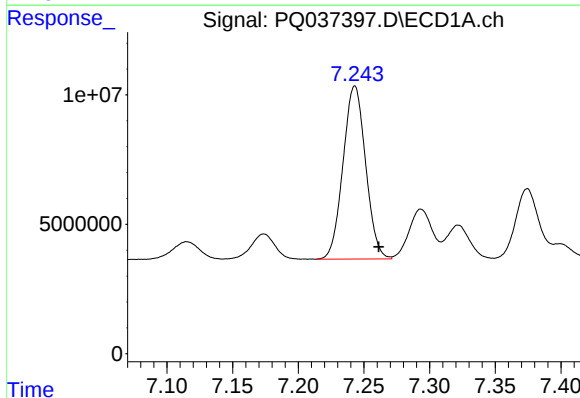
R.T.: 6.990 min
Delta R.T.: -0.017 min
Response: 66766724
Conc: 255.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



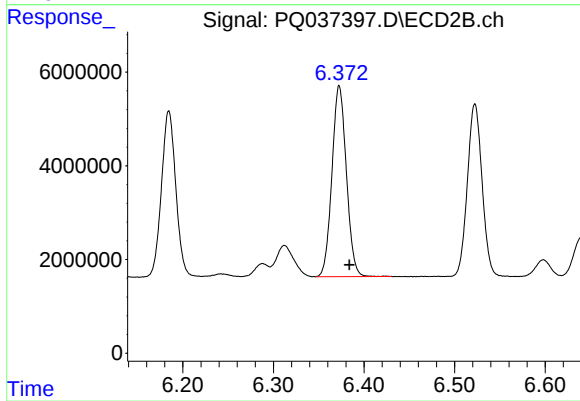
#31 AR-1260-1

R.T.: 6.185 min
Delta R.T.: -0.012 min
Response: 39254576
Conc: 278.80 ng/ml



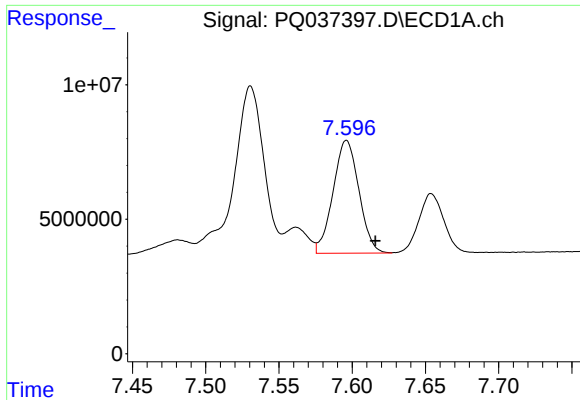
#32 AR-1260-2

R.T.: 7.243 min
Delta R.T.: -0.018 min
Response: 80173134
Conc: 241.04 ng/ml



#32 AR-1260-2

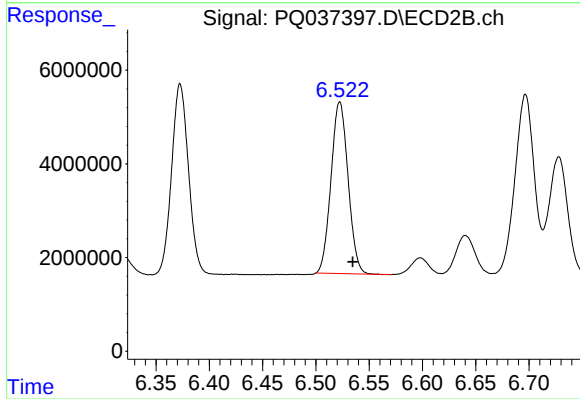
R.T.: 6.373 min
Delta R.T.: -0.011 min
Response: 45069266
Conc: 259.38 ng/ml



#33 AR-1260-3

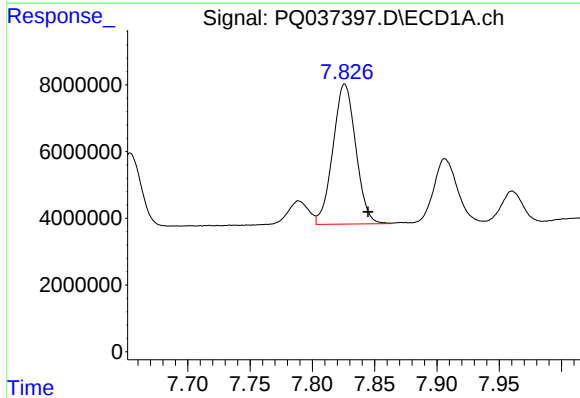
R.T.: 7.596 min
Delta R.T.: -0.020 min
Response: 51511572
Conc: 240.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



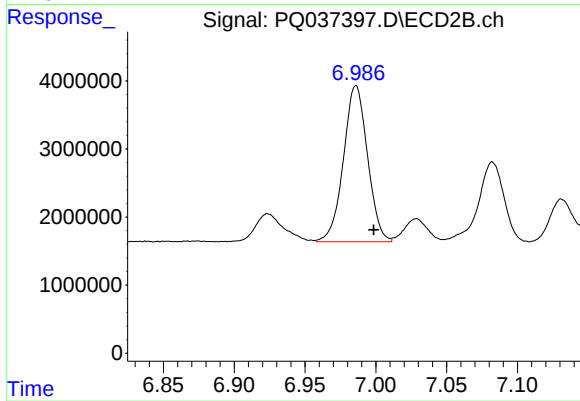
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.012 min
Response: 40784822
Conc: 255.16 ng/ml



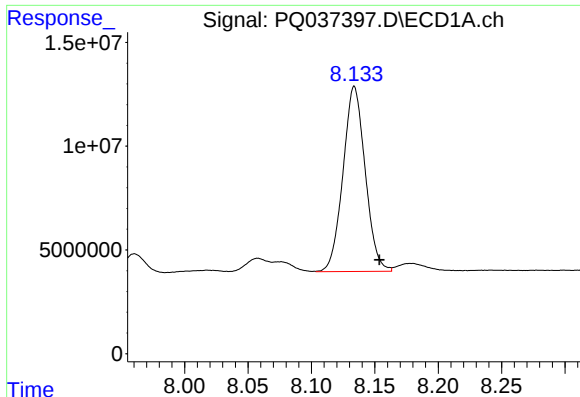
#34 AR-1260-4

R.T.: 7.826 min
Delta R.T.: -0.019 min
Response: 53637218
Conc: 223.83 ng/ml



#34 AR-1260-4

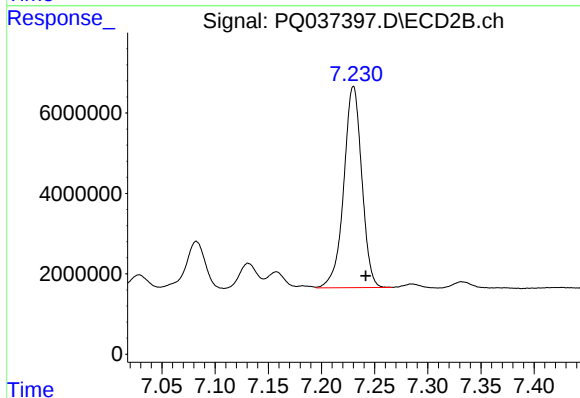
R.T.: 6.986 min
Delta R.T.: -0.013 min
Response: 27135840
Conc: 258.98 ng/ml



#35 AR-1260-5

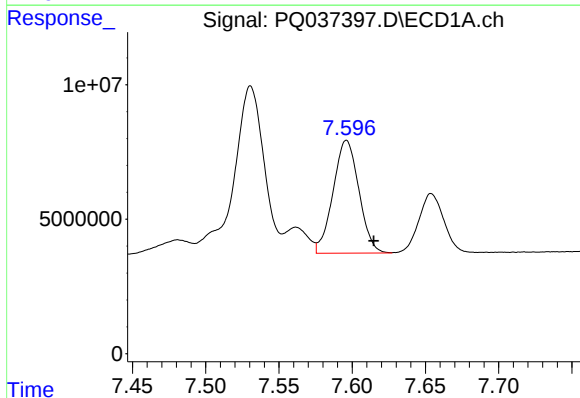
R.T.: 8.134 min
Delta R.T.: -0.020 min
Response: 108686987
Conc: 218.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



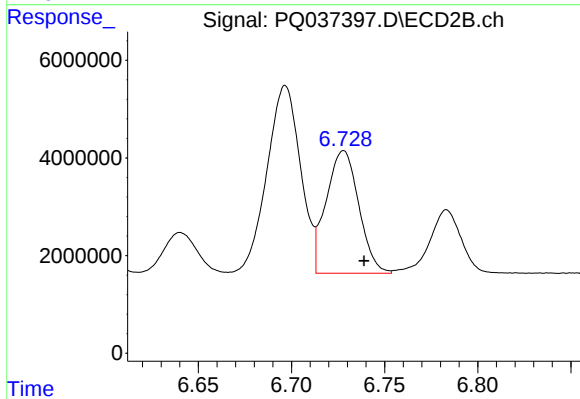
#35 AR-1260-5

R.T.: 7.230 min
Delta R.T.: -0.012 min
Response: 58973741
Conc: 229.55 ng/ml



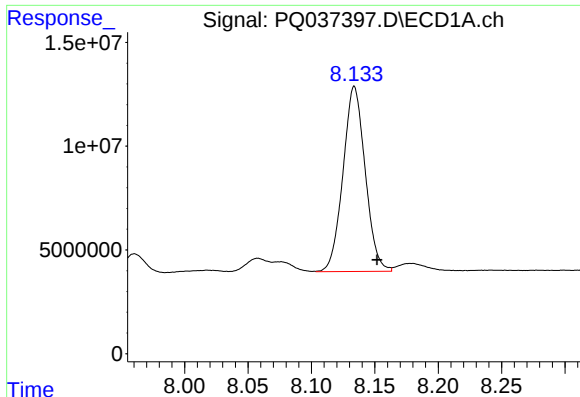
#36 AR-1262-1

R.T.: 7.596 min
Delta R.T.: -0.019 min
Response: 51511572
Conc: 119.47 ng/ml



#36 AR-1262-1

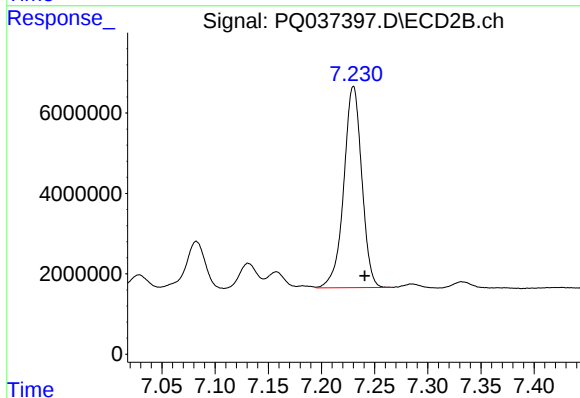
R.T.: 6.728 min
Delta R.T.: -0.011 min
Response: 30648499
Conc: 145.20 ng/ml



#37 AR-1262-2

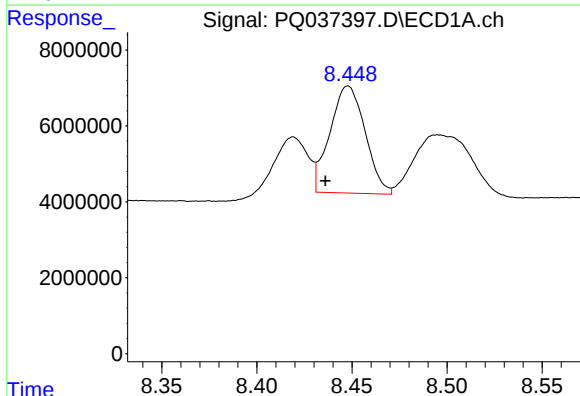
R.T.: 8.134 min
Delta R.T.: -0.018 min
Response: 108686987
Conc: 146.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



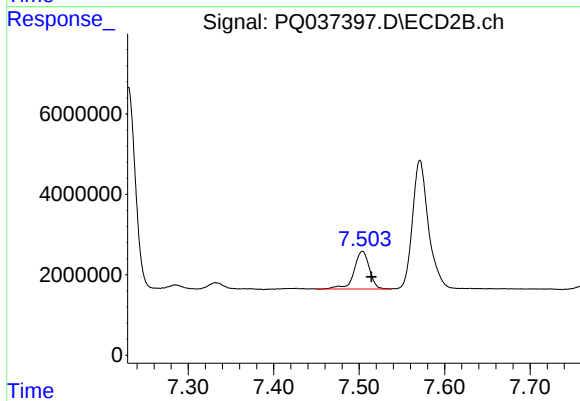
#37 AR-1262-2

R.T.: 7.230 min
Delta R.T.: -0.011 min
Response: 58973741
Conc: 162.40 ng/ml



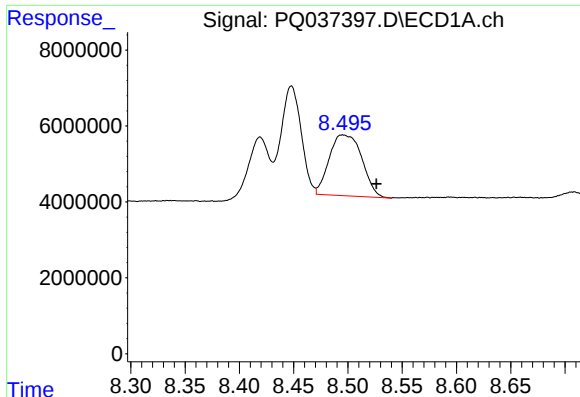
#38 AR-1262-3

R.T.: 8.448 min
Delta R.T.: 0.012 min
Response: 36411919
Conc: 116.76 ng/ml



#38 AR-1262-3

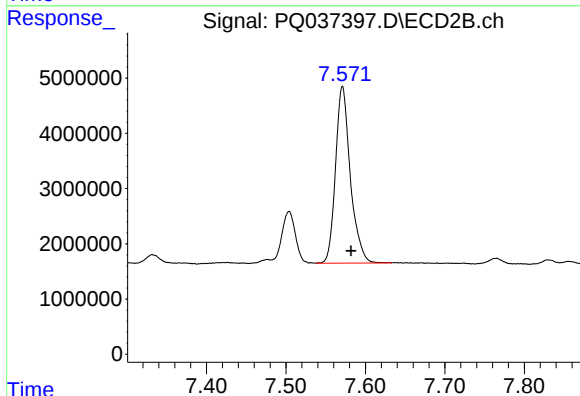
R.T.: 7.504 min
Delta R.T.: -0.010 min
Response: 11626194
Conc: 82.90 ng/ml



#39 AR-1262-4

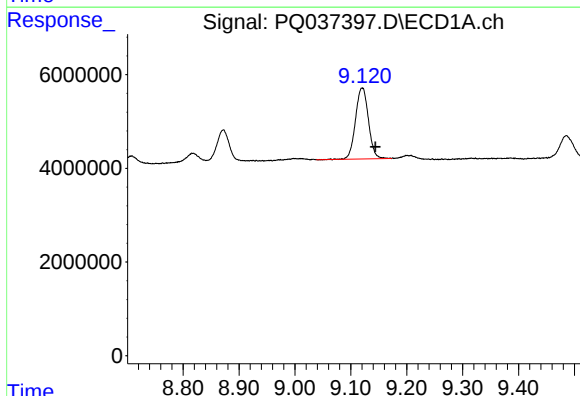
R.T.: 8.495 min
Delta R.T.: -0.031 min
Response: 33548596
Conc: 91.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



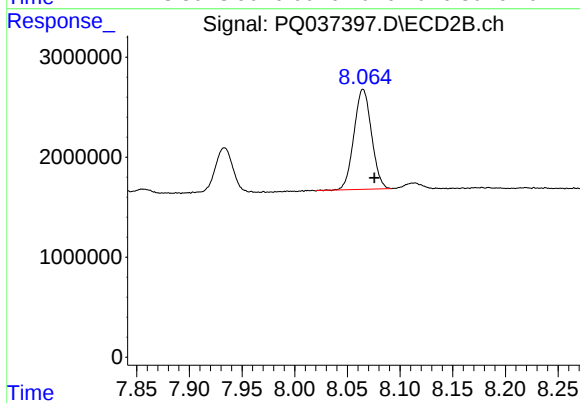
#39 AR-1262-4

R.T.: 7.571 min
Delta R.T.: -0.011 min
Response: 41408894
Conc: 162.96 ng/ml



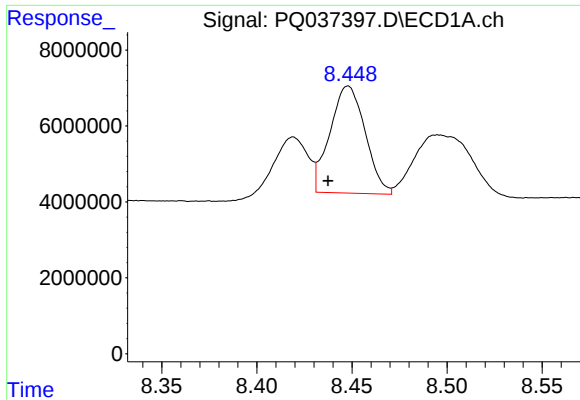
#40 AR-1262-5

R.T.: 9.121 min
Delta R.T.: -0.023 min
Response: 24489895
Conc: 108.10 ng/ml



#40 AR-1262-5

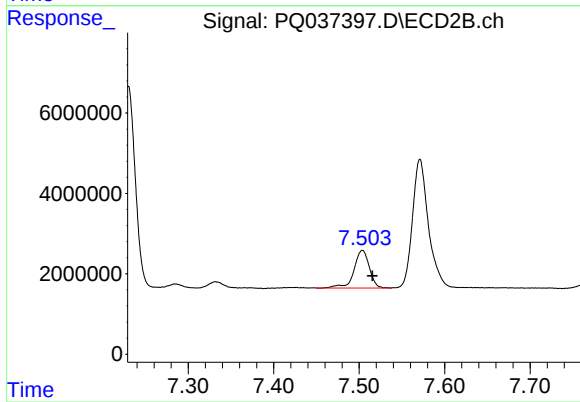
R.T.: 8.065 min
Delta R.T.: -0.011 min
Response: 11585522
Conc: 111.43 ng/ml



#41 AR-1268-1

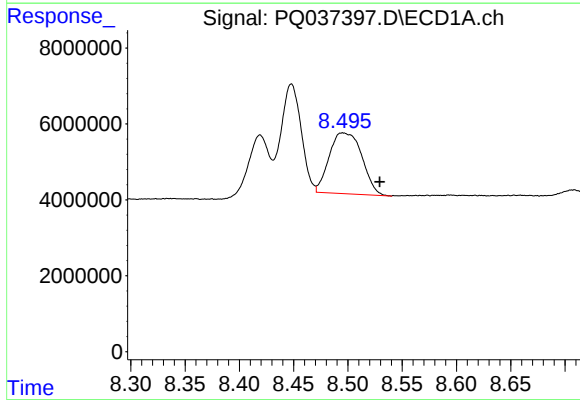
R.T.: 8.448 min
Delta R.T.: 0.010 min
Response: 36411919
Conc: 47.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



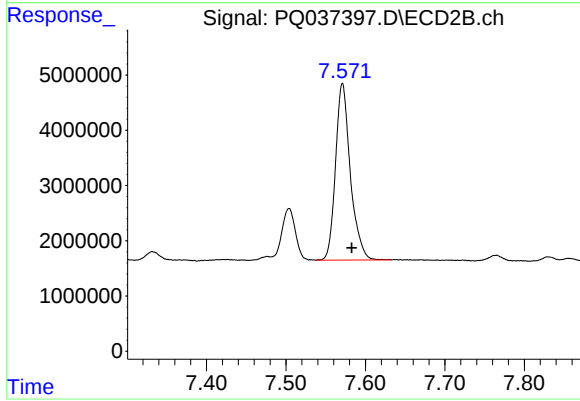
#41 AR-1268-1

R.T.: 7.504 min
Delta R.T.: -0.011 min
Response: 11626194
Conc: 32.40 ng/ml



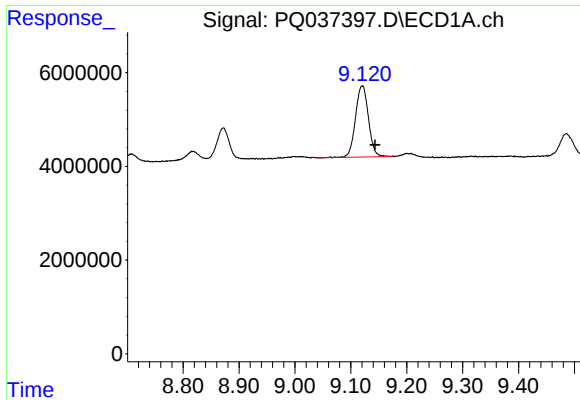
#42 AR-1268-2

R.T.: 8.495 min
Delta R.T.: -0.034 min
Response: 33548596
Conc: 47.80 ng/ml



#42 AR-1268-2

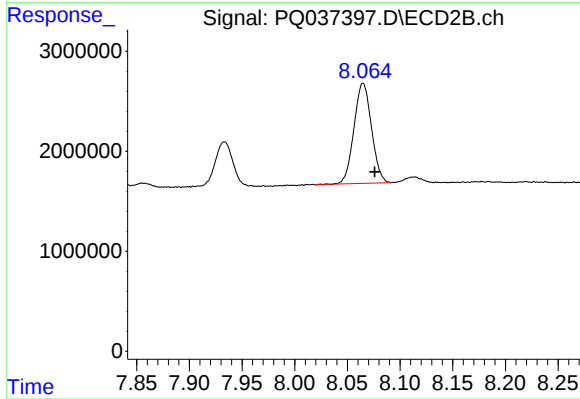
R.T.: 7.571 min
Delta R.T.: -0.011 min
Response: 41408894
Conc: 127.66 ng/ml



#44 AR-1268-4

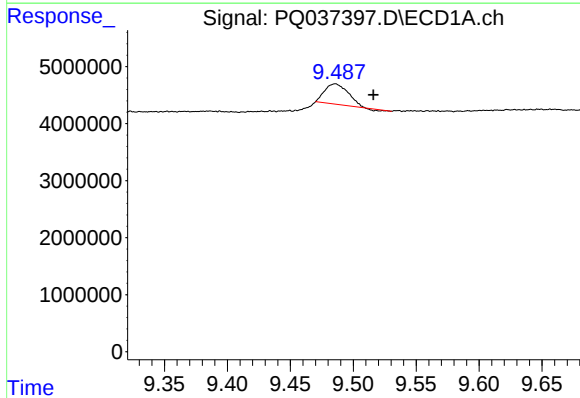
R.T.: 9.121 min
Delta R.T.: -0.023 min
Response: 24489895
Conc: 107.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



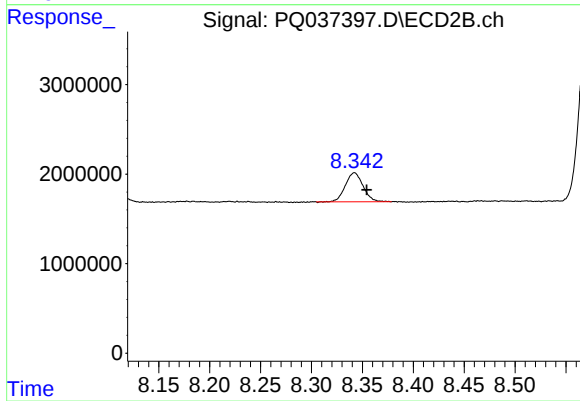
#44 AR-1268-4

R.T.: 8.065 min
Delta R.T.: -0.011 min
Response: 11585522
Conc: 109.03 ng/ml



#45 AR-1268-5

R.T.: 9.486 min
Delta R.T.: -0.030 min
Response: 4525515
Conc: 2.50 ng/ml



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: -0.012 min
Response: 3981262
Conc: 4.81 ng/ml