

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112218\
 Data File : PQ034759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2018 23:22
 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 03:48:48 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 16 03:52:57 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.535	3.820	63210278	38717204	22.949	22.842
2)	SA Decachlor...	10.325	8.843	101.2E6	68444510	36.744	35.117
Target Compounds							
3)	L1 AR-1016-1	5.708	4.906	40338906	26985043	430.535	410.784
4)	L1 AR-1016-2	5.730	4.925	58841459	39371175	427.404	422.398
5)	L1 AR-1016-3	5.793	5.102	35101267	19772888	424.956	405.492
6)	L1 AR-1016-4	5.893	5.142	27612425	15720557	407.800	401.186
7)	L1 AR-1016-5	6.186	5.356	28737583	20271804	417.784	391.082
8)	L2 AR-1221-1	4.743	4.031	3250207	2202918	105.642	111.922
9)	L2 AR-1221-2	4.832	4.120	4411357	3119211	209.274	224.615
10)	L2 AR-1221-3	4.909	4.196	19073258	13082440	259.162	270.374
11)	L3 AR-1232-1	4.909	4.196	19073258	13082440	353.121	373.060
12)	L3 AR-1232-2	5.440	4.925	28970458	39371175	1005.802	1016.104
13)	L3 AR-1232-3	5.730	5.102	58841459	19772888	1001.151	985.450
14)	L3 AR-1232-4	5.893	5.184	27612425	18982109	994.772	1092.363
15)	L3 AR-1232-5	5.980	5.356	24740245	20271804	1128.755	1047.326
16)	L4 AR-1242-1	5.708	4.906	40338906	26985043	530.375	519.225
17)	L4 AR-1242-2	5.730	4.925	58841459	39371175	526.440	528.056
18)	L4 AR-1242-3	5.793	5.102	35101267	19772888	527.277	507.715
19)	L4 AR-1242-4	5.893	5.184	27612425	18982109	504.139	491.589
20)	L4 AR-1242-5	6.629	5.707	7971140	23246995	128.819	467.767 #
21)	L5 AR-1248-1	5.708	4.906	40338906	26985043	679.271	668.564
22)	L5 AR-1248-2	5.980	5.142	24740245	15720557	295.665	285.152
23)	L5 AR-1248-3	6.186	5.184	28737583	18982109	297.772	337.054
24)	L5 AR-1248-4	6.590	5.356	8999852	20271804	82.053	292.109 #
25)	L5 AR-1248-5	6.629	5.747	7971140	5120263	76.469	71.746
26)	L6 AR-1254-1	6.562	5.707	27985645	23246995	250.152	212.682
27)	L6 AR-1254-2	6.778	5.853	26129080	17434947	147.687	182.401
28)	L6 AR-1254-3	7.149	6.268	14687693	30308006	75.787	187.444 #
29)	L6 AR-1254-4	7.433	6.485	9777735	4455732	68.886	43.050 #
30)	L6 AR-1254-5	7.853	6.901	79727926	60888597	529.678	429.147
31)	L7 AR-1260-1	7.309	6.385	54107515	41633997	389.782	388.311
32)	L7 AR-1260-2	7.565	6.572	63828249	50991085	373.344	379.685
33)	L7 AR-1260-3	7.925	6.727	38721178	47079378	363.327	383.493
34)	L7 AR-1260-4	8.155	7.196	50149713	32149644	378.641	372.749
35)	L7 AR-1260-5	8.482	7.437	94585108	80217011	348.604	364.921
36)	L8 AR-1262-1	7.925	6.935	38721178	35228249	204.618	236.759
37)	L8 AR-1262-2	8.482	7.437	94585108	80217011	269.247	291.349
38)	L8 AR-1262-3	8.821	7.718	59071197	15007595	257.084	138.783 #
39)	L8 AR-1262-4	8.874	7.783	32219684	57124063	189.036	285.199 #
40)	L8 AR-1262-5	9.564	8.285	21405865	15956274	175.528	175.232
41)	L9 AR-1268-1	8.821	7.718	59071197	15007595	137.086	45.064 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.874	7.783	32219684	57124063	83.004	191.267 #
44) L9	AR-1268-4	9.564	8.285	21405865	15956274	154.986	150.024
45) L9	AR-1268-5	9.985	8.584	5450464	4094049	4.945	5.147

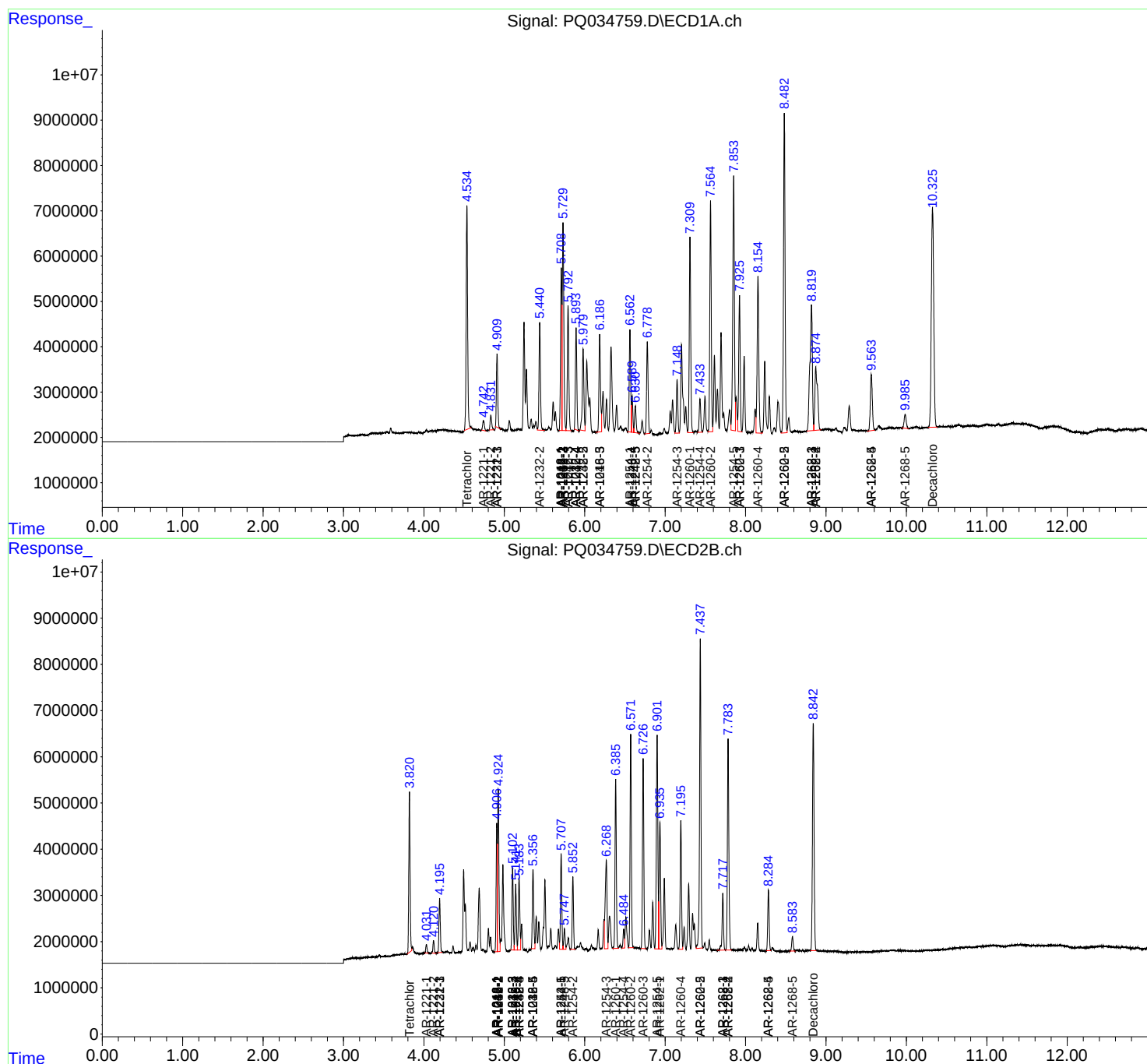
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

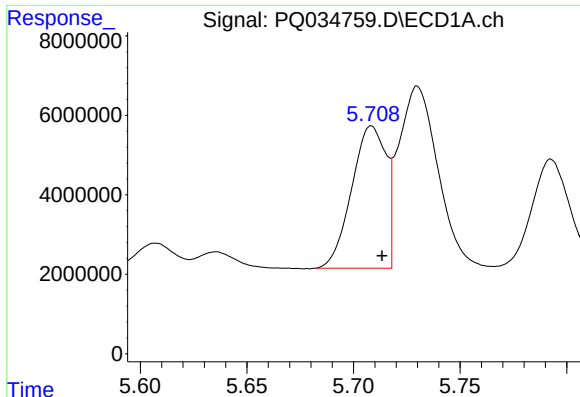
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112218\
Data File : PQ034759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2018 23:22
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

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Integration File signal 2: autoint2.e
Quant Time: Nov 22 03:48:48 2018
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

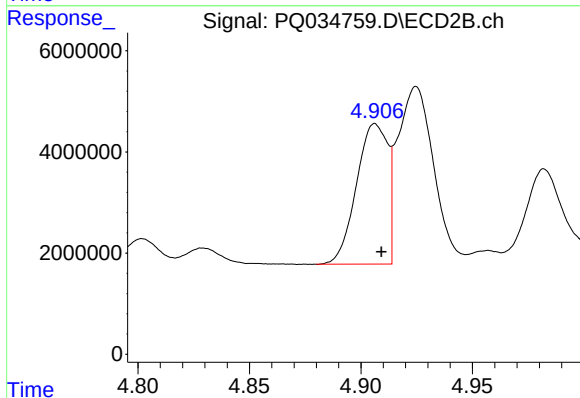




#3 AR-1016-1

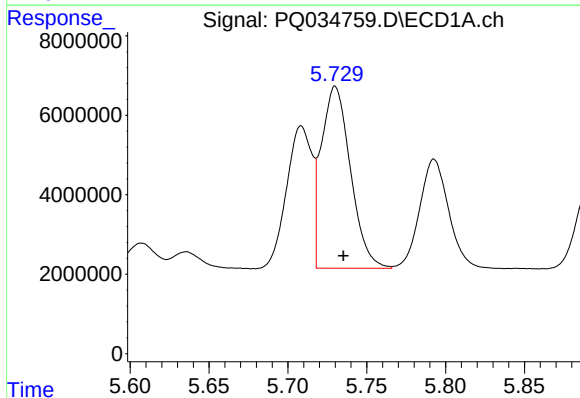
R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 40338906
Conc: 430.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



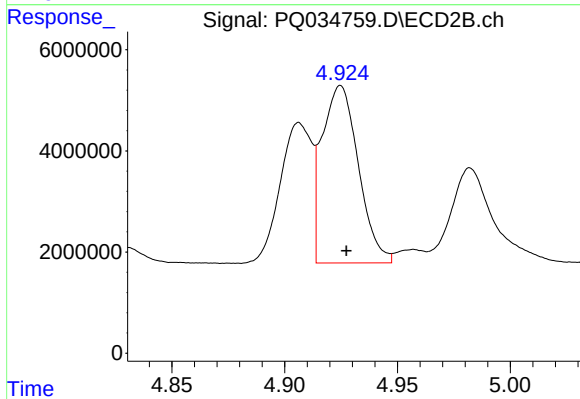
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: -0.003 min
Response: 26985043
Conc: 410.78 ng/ml



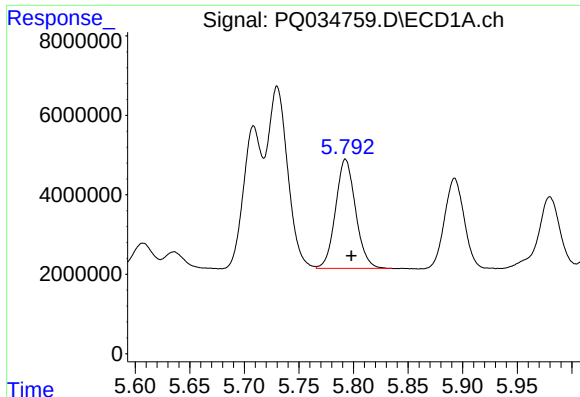
#4 AR-1016-2

R.T.: 5.730 min
Delta R.T.: -0.005 min
Response: 58841459
Conc: 427.40 ng/ml



#4 AR-1016-2

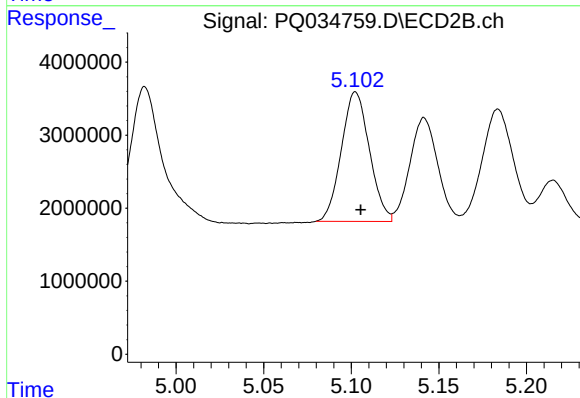
R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 39371175
Conc: 422.40 ng/ml



#5 AR-1016-3

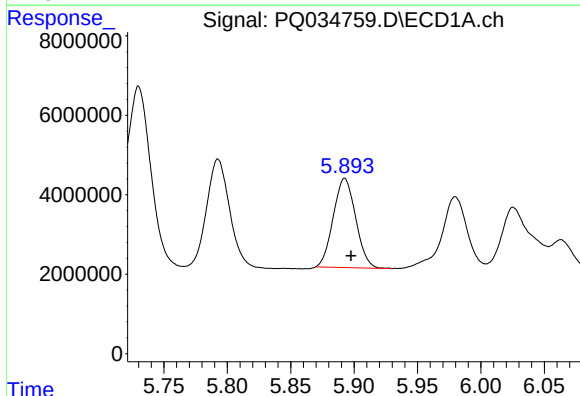
R.T.: 5.793 min
Delta R.T.: -0.006 min
Response: 35101267
Conc: 424.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



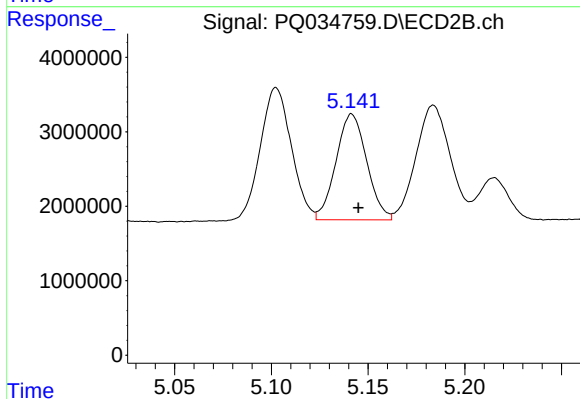
#5 AR-1016-3

R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 19772888
Conc: 405.49 ng/ml



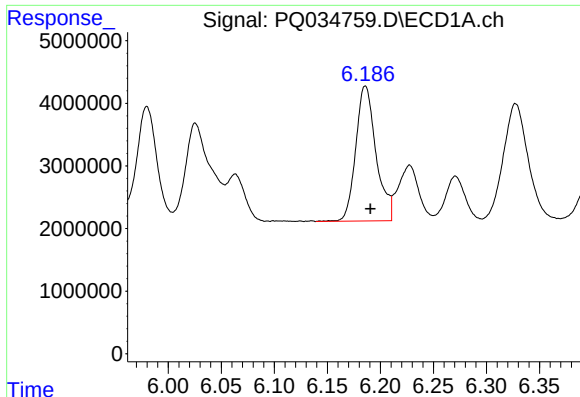
#6 AR-1016-4

R.T.: 5.893 min
Delta R.T.: -0.005 min
Response: 27612425
Conc: 407.80 ng/ml



#6 AR-1016-4

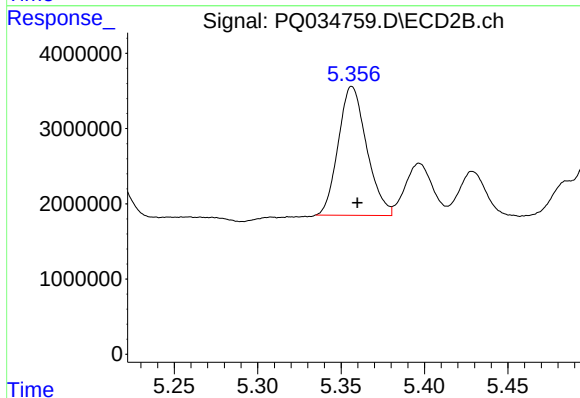
R.T.: 5.142 min
Delta R.T.: -0.004 min
Response: 15720557
Conc: 401.19 ng/ml



#7 AR-1016-5

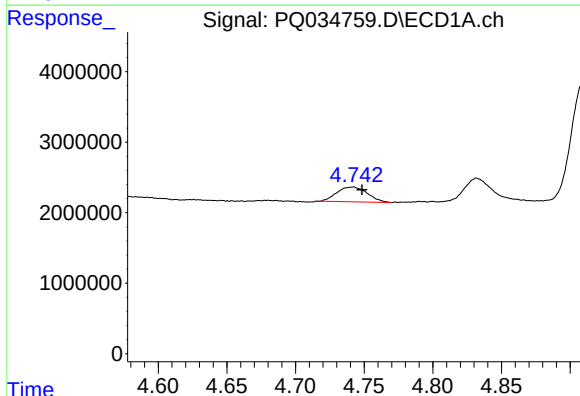
R.T.: 6.186 min
Delta R.T.: -0.005 min
Response: 28737583
Conc: 417.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



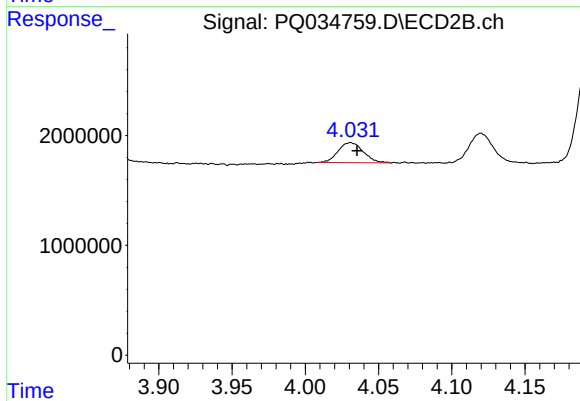
#7 AR-1016-5

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 20271804
Conc: 391.08 ng/ml



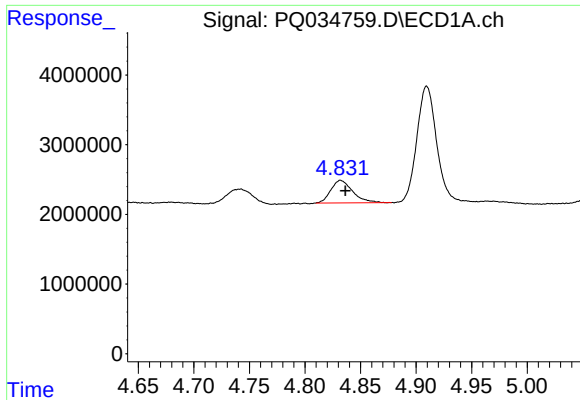
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: -0.006 min
Response: 3250207
Conc: 105.64 ng/ml



#8 AR-1221-1

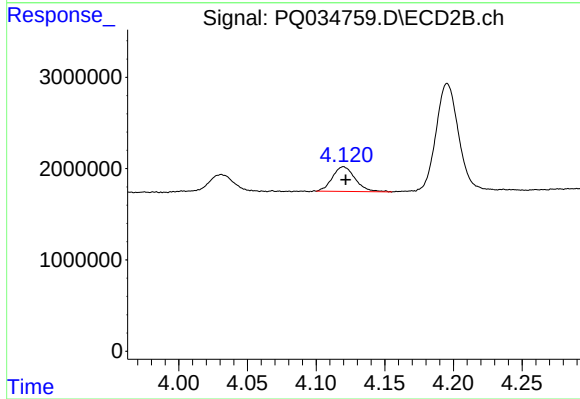
R.T.: 4.031 min
Delta R.T.: -0.004 min
Response: 2202918
Conc: 111.92 ng/ml



#9 AR-1221-2

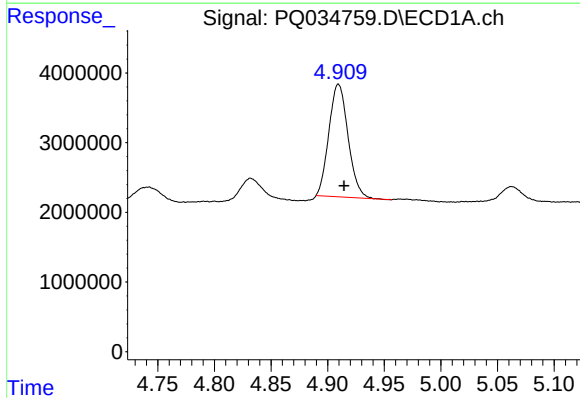
R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 4411357
Conc: 209.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



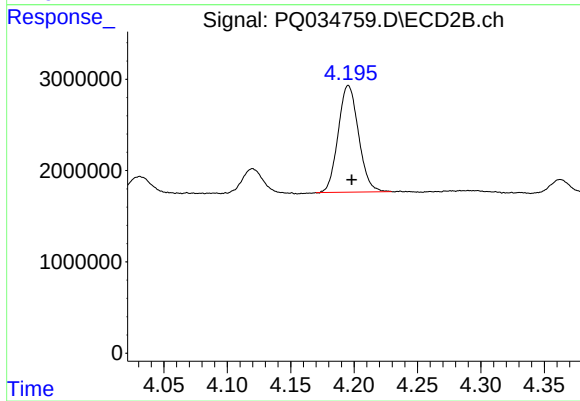
#9 AR-1221-2

R.T.: 4.120 min
Delta R.T.: -0.002 min
Response: 3119211
Conc: 224.62 ng/ml



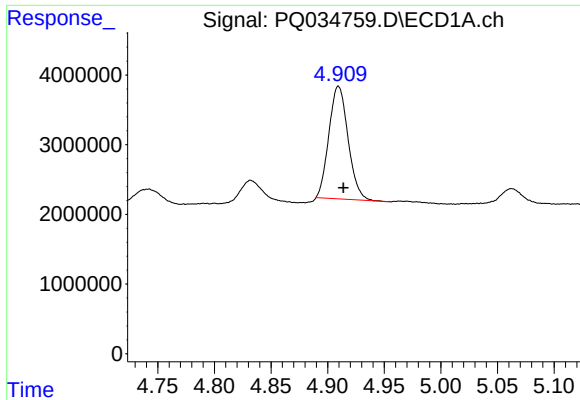
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 19073258
Conc: 259.16 ng/ml



#10 AR-1221-3

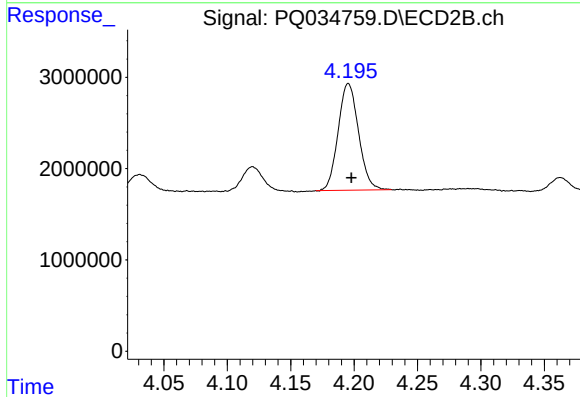
R.T.: 4.196 min
Delta R.T.: -0.003 min
Response: 13082440
Conc: 270.37 ng/ml



#11 AR-1232-1

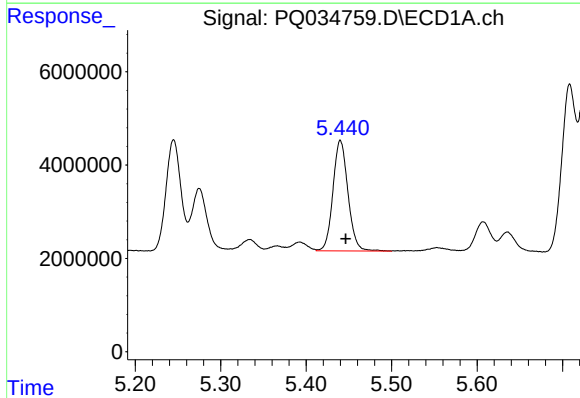
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 19073258
Conc: 353.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



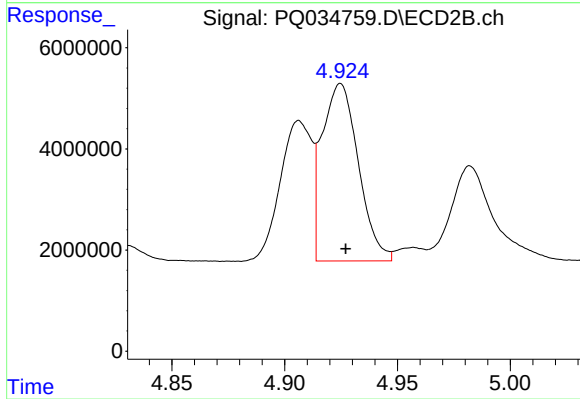
#11 AR-1232-1

R.T.: 4.196 min
Delta R.T.: -0.002 min
Response: 13082440
Conc: 373.06 ng/ml



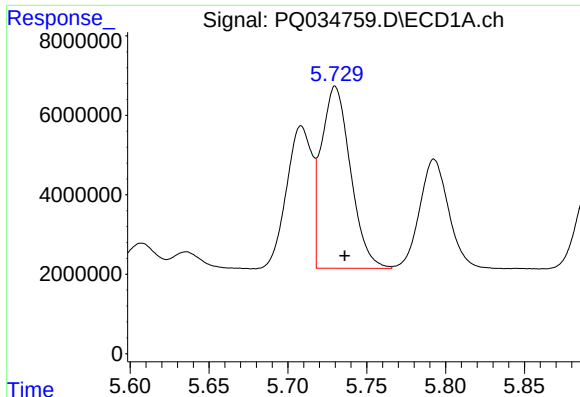
#12 AR-1232-2

R.T.: 5.440 min
Delta R.T.: -0.006 min
Response: 28970458
Conc: 1005.80 ng/ml



#12 AR-1232-2

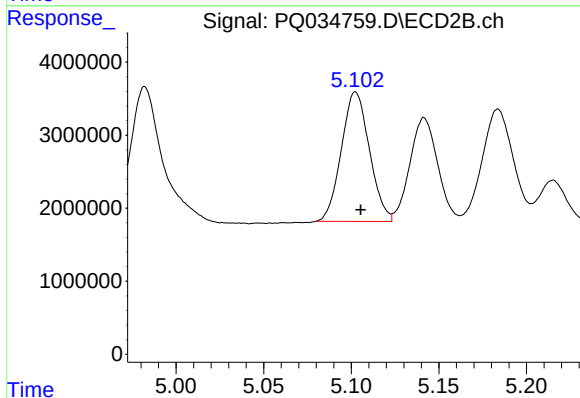
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 39371175
Conc: 1016.10 ng/ml



#13 AR-1232-3

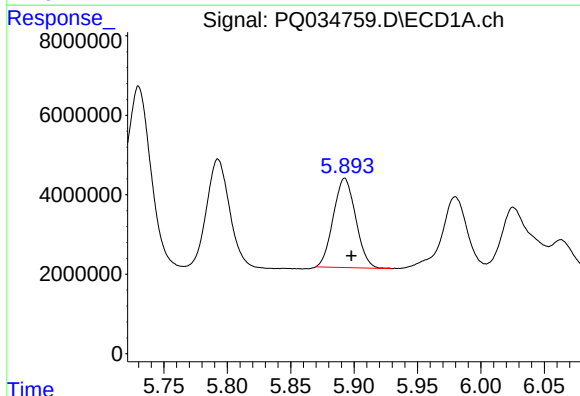
R.T.: 5.730 min
Delta R.T.: -0.006 min
Response: 58841459
Conc: 1001.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



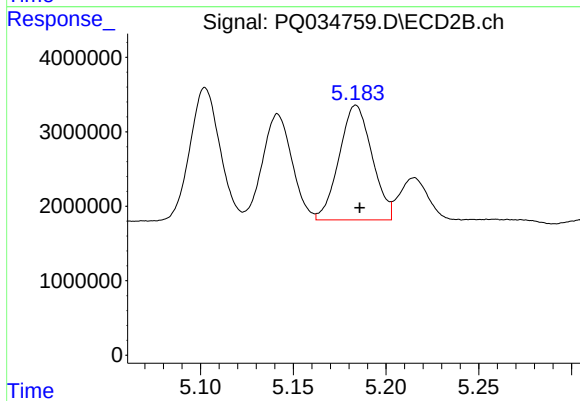
#13 AR-1232-3

R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 19772888
Conc: 985.45 ng/ml



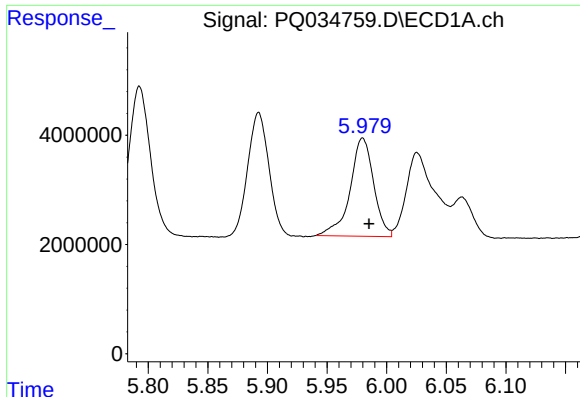
#14 AR-1232-4

R.T.: 5.893 min
Delta R.T.: -0.005 min
Response: 27612425
Conc: 994.77 ng/ml



#14 AR-1232-4

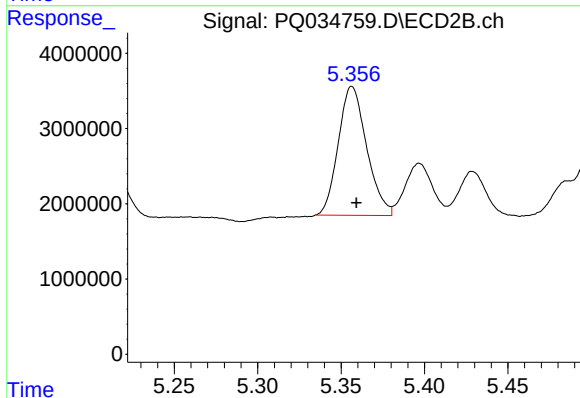
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 18982109
Conc: 1092.36 ng/ml



#15 AR-1232-5

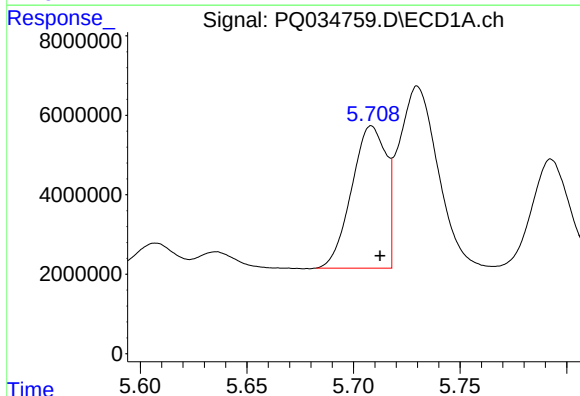
R.T.: 5.980 min
Delta R.T.: -0.005 min
Response: 24740245
Conc: 1128.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



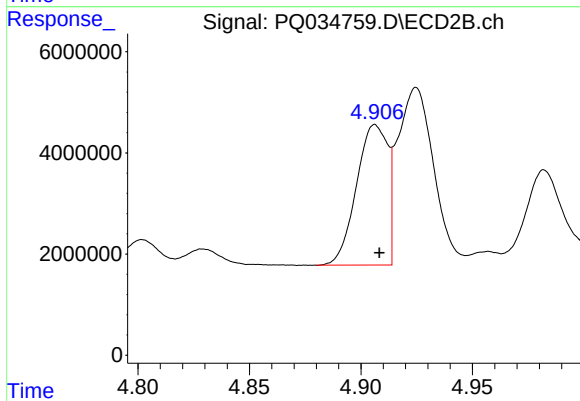
#15 AR-1232-5

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 20271804
Conc: 1047.33 ng/ml



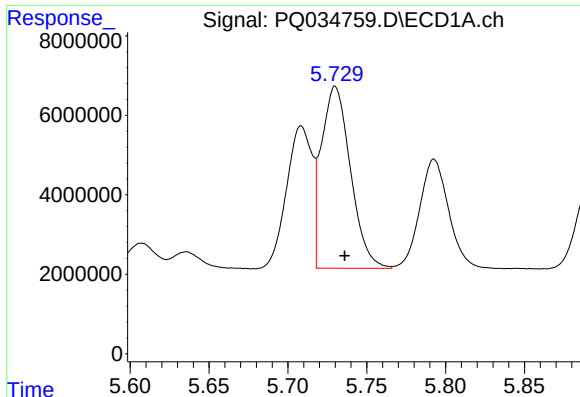
#16 AR-1242-1

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 40338906
Conc: 530.38 ng/ml



#16 AR-1242-1

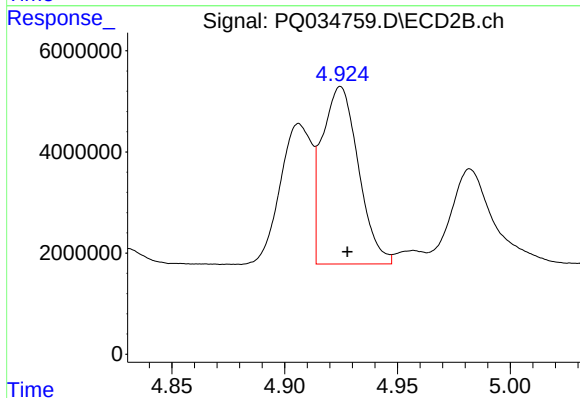
R.T.: 4.906 min
Delta R.T.: -0.002 min
Response: 26985043
Conc: 519.23 ng/ml



#17 AR-1242-2

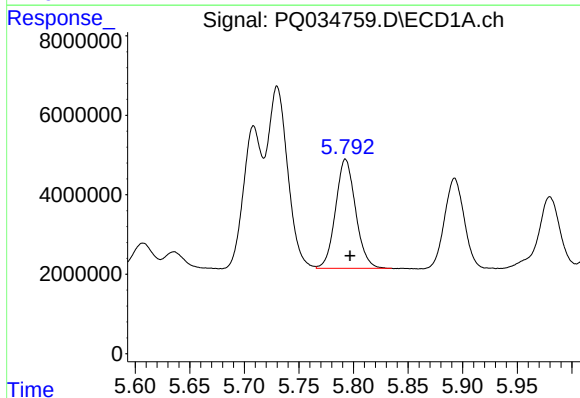
R.T.: 5.730 min
Delta R.T.: -0.006 min
Response: 58841459
Conc: 526.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



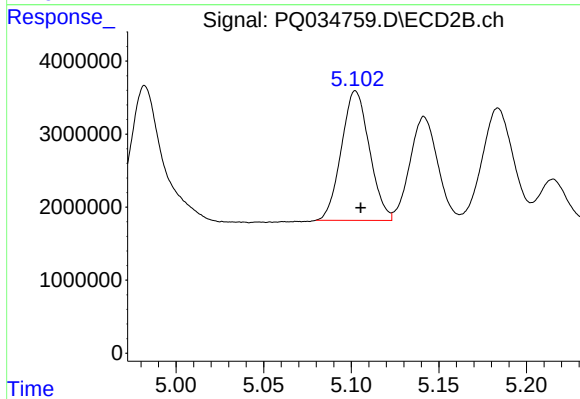
#17 AR-1242-2

R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 39371175
Conc: 528.06 ng/ml



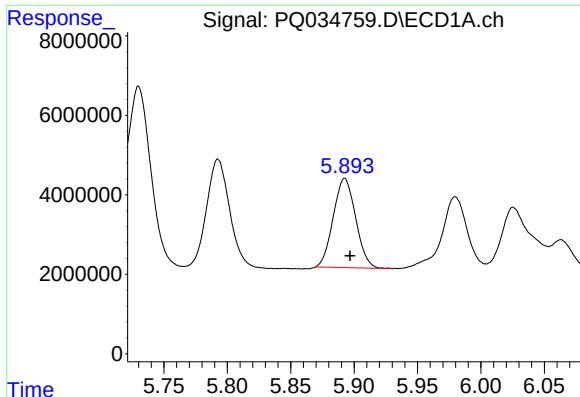
#18 AR-1242-3

R.T.: 5.793 min
Delta R.T.: -0.004 min
Response: 35101267
Conc: 527.28 ng/ml



#18 AR-1242-3

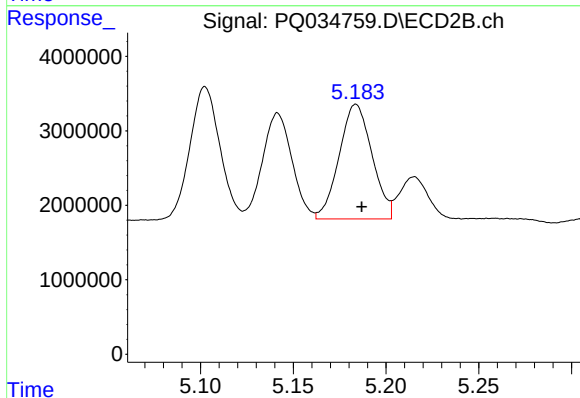
R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 19772888
Conc: 507.72 ng/ml



#19 AR-1242-4

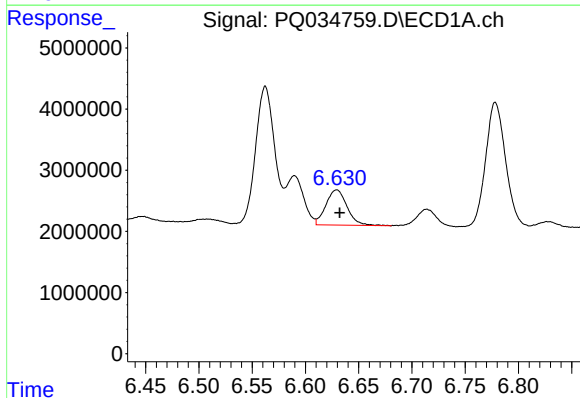
R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 27612425
Conc: 504.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



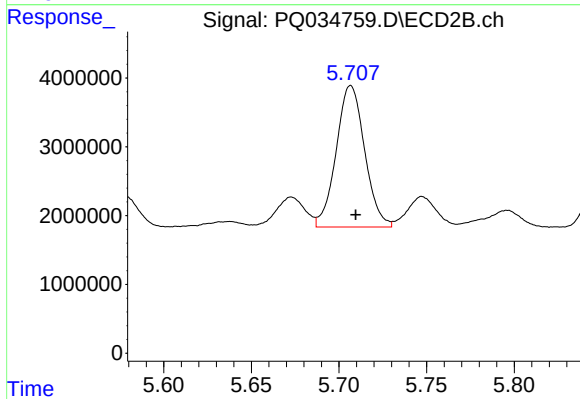
#19 AR-1242-4

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 18982109
Conc: 491.59 ng/ml



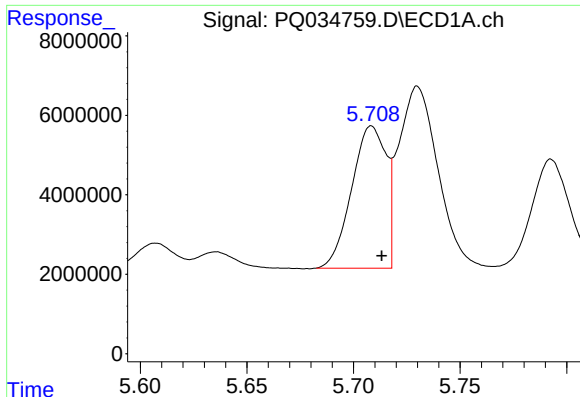
#20 AR-1242-5

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 7971140
Conc: 128.82 ng/ml



#20 AR-1242-5

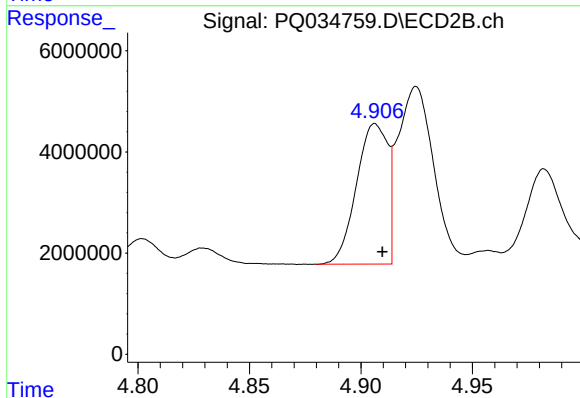
R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 23246995
Conc: 467.77 ng/ml



#21 AR-1248-1

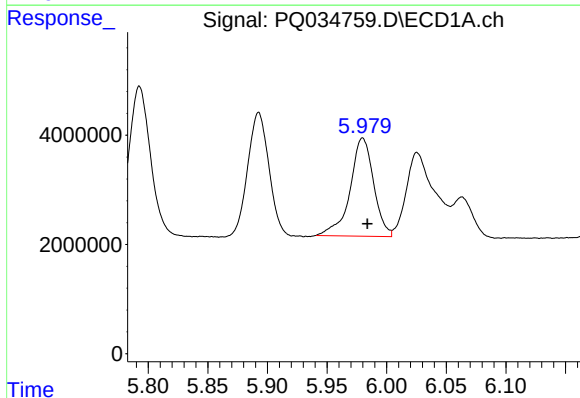
R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 40338906
Conc: 679.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



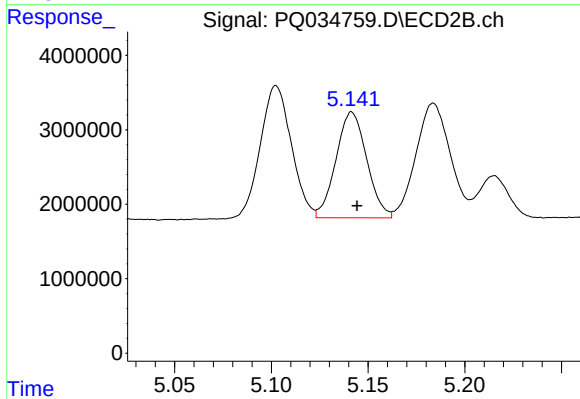
#21 AR-1248-1

R.T.: 4.906 min
Delta R.T.: -0.003 min
Response: 26985043
Conc: 668.56 ng/ml



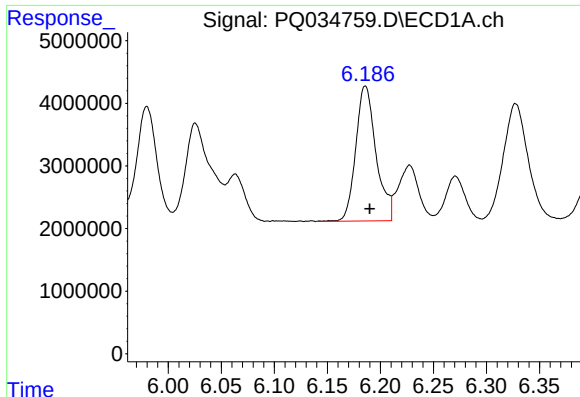
#22 AR-1248-2

R.T.: 5.980 min
Delta R.T.: -0.004 min
Response: 24740245
Conc: 295.67 ng/ml



#22 AR-1248-2

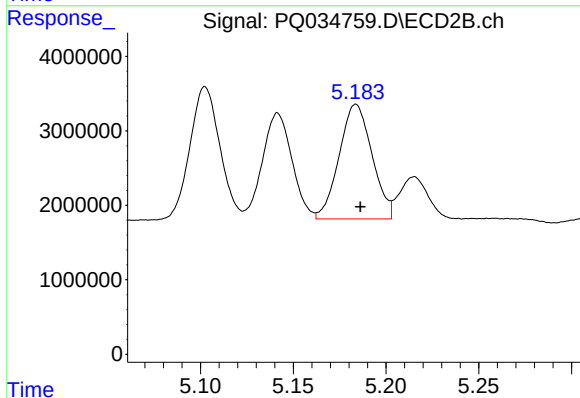
R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 15720557
Conc: 285.15 ng/ml



#23 AR-1248-3

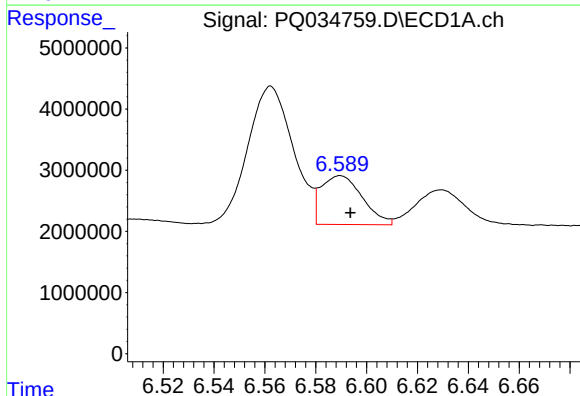
R.T.: 6.186 min
Delta R.T.: -0.004 min
Response: 28737583
Conc: 297.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



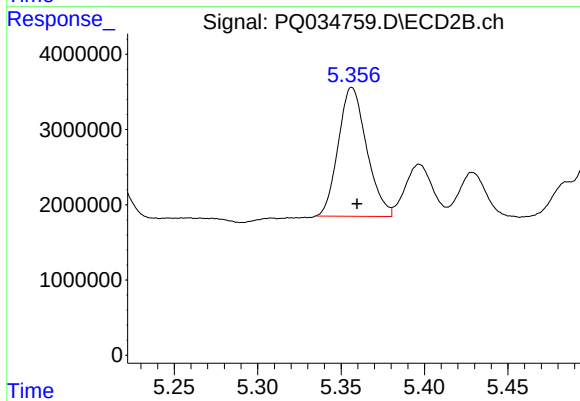
#23 AR-1248-3

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 18982109
Conc: 337.05 ng/ml



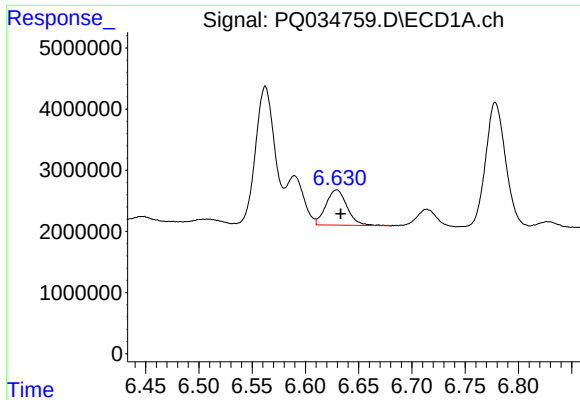
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 8999852
Conc: 82.05 ng/ml



#24 AR-1248-4

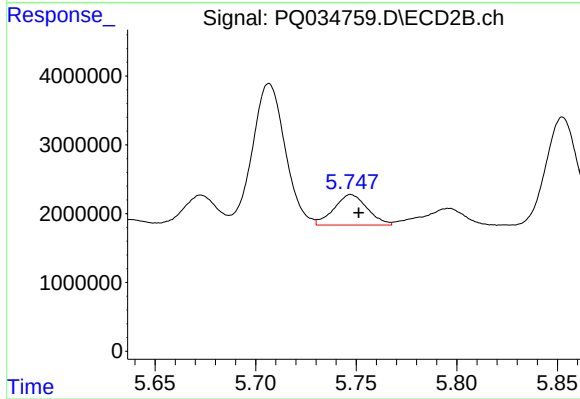
R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 20271804
Conc: 292.11 ng/ml



#25 AR-1248-5

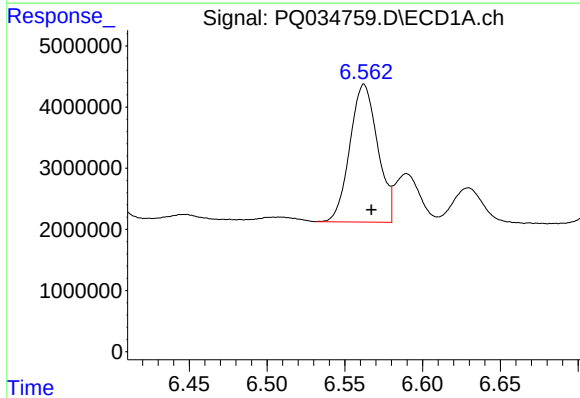
R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 7971140
Conc: 76.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



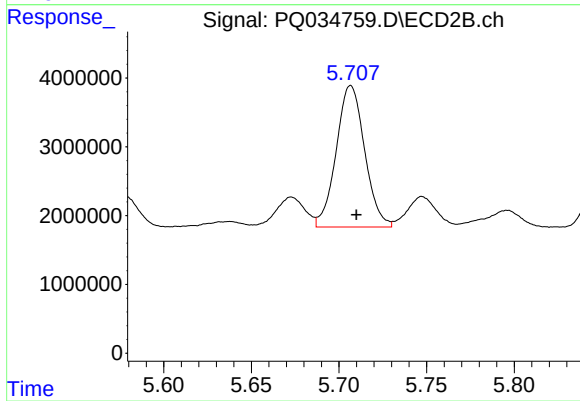
#25 AR-1248-5

R.T.: 5.747 min
Delta R.T.: -0.004 min
Response: 5120263
Conc: 71.75 ng/ml



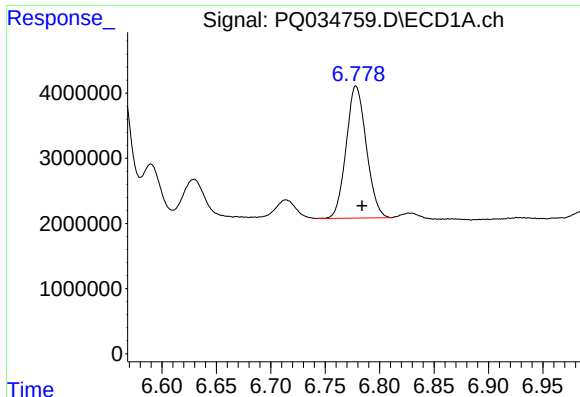
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.005 min
Response: 27985645
Conc: 250.15 ng/ml



#26 AR-1254-1

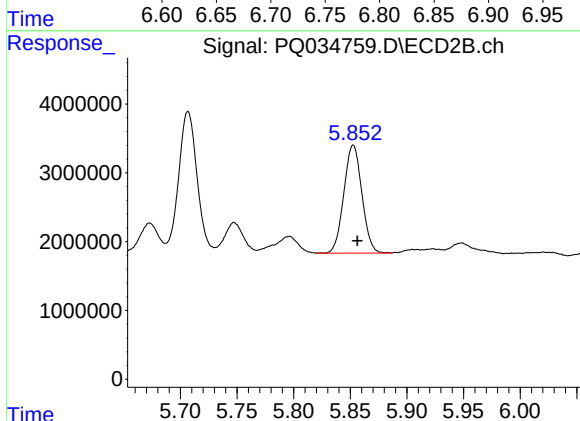
R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 23246995
Conc: 212.68 ng/ml



#27 AR-1254-2

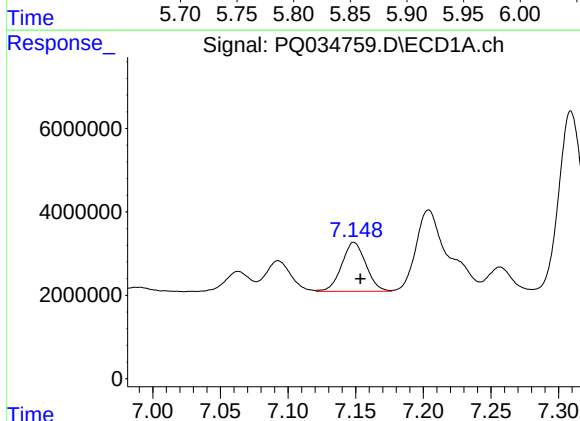
R.T.: 6.778 min
Delta R.T.: -0.006 min
Response: 26129080
Conc: 147.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



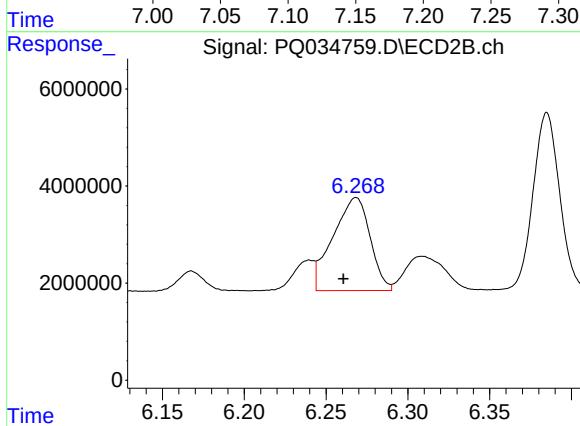
#27 AR-1254-2

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 17434947
Conc: 182.40 ng/ml



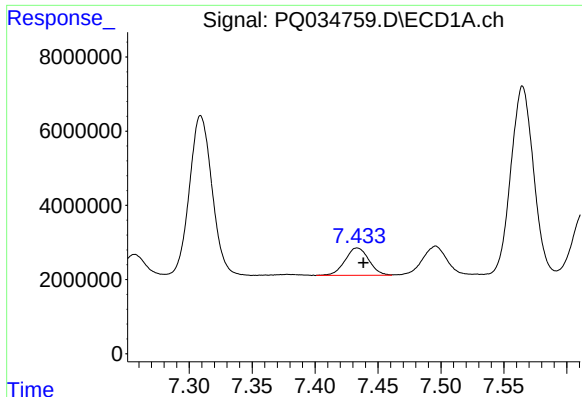
#28 AR-1254-3

R.T.: 7.149 min
Delta R.T.: -0.005 min
Response: 14687693
Conc: 75.79 ng/ml



#28 AR-1254-3

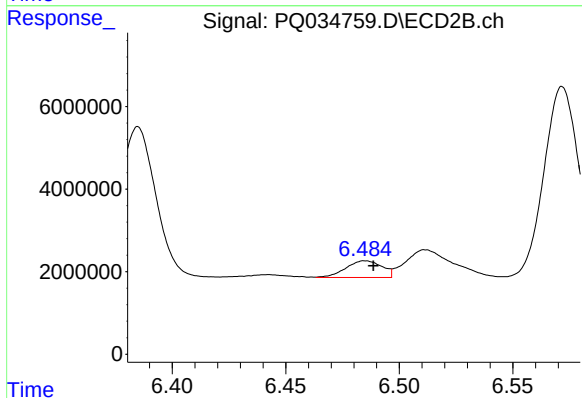
R.T.: 6.268 min
Delta R.T.: 0.008 min
Response: 30308006
Conc: 187.44 ng/ml



#29 AR-1254-4

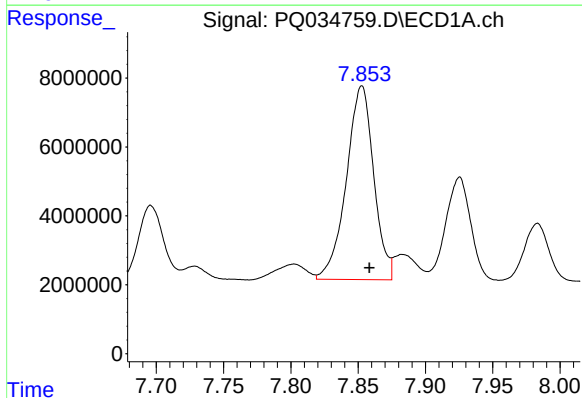
R.T.: 7.433 min
Delta R.T.: -0.005 min
Response: 9777735
Conc: 68.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



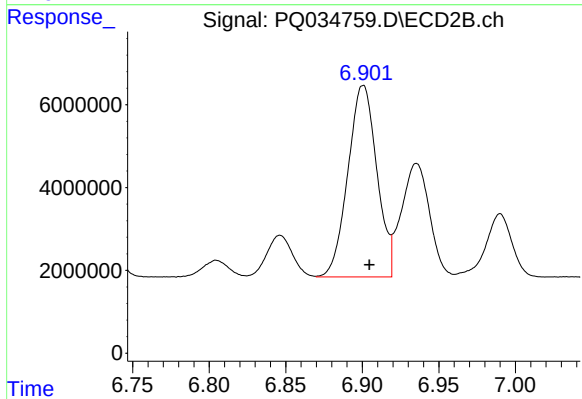
#29 AR-1254-4

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 4455732
Conc: 43.05 ng/ml



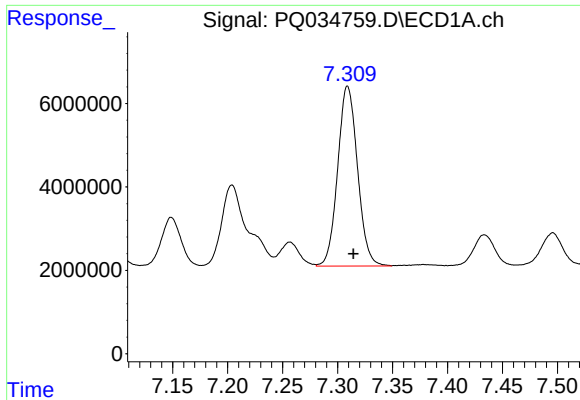
#30 AR-1254-5

R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 79727926
Conc: 529.68 ng/ml



#30 AR-1254-5

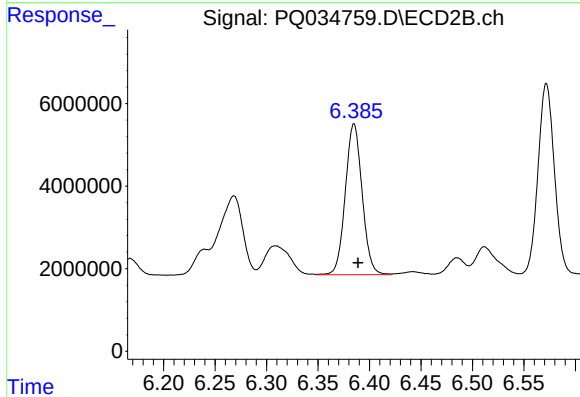
R.T.: 6.901 min
Delta R.T.: -0.004 min
Response: 60888597
Conc: 429.15 ng/ml



#31 AR-1260-1

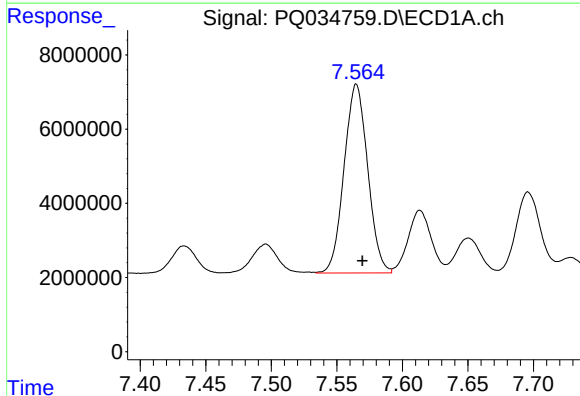
R.T.: 7.309 min
Delta R.T.: -0.005 min
Response: 54107515
Conc: 389.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



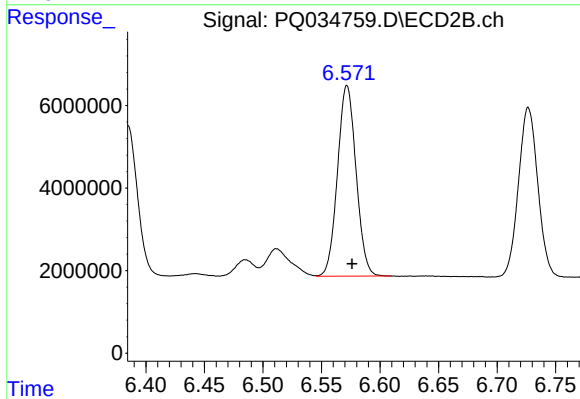
#31 AR-1260-1

R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 41633997
Conc: 388.31 ng/ml



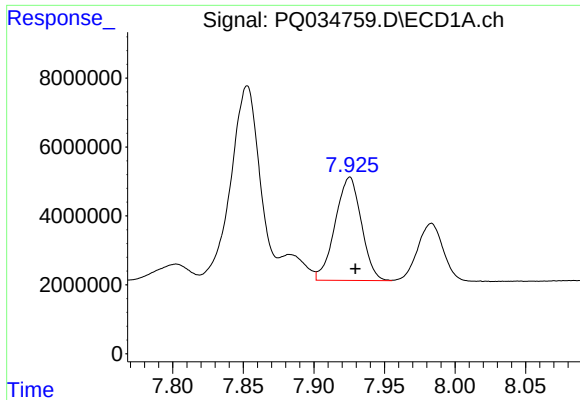
#32 AR-1260-2

R.T.: 7.565 min
Delta R.T.: -0.005 min
Response: 63828249
Conc: 373.34 ng/ml



#32 AR-1260-2

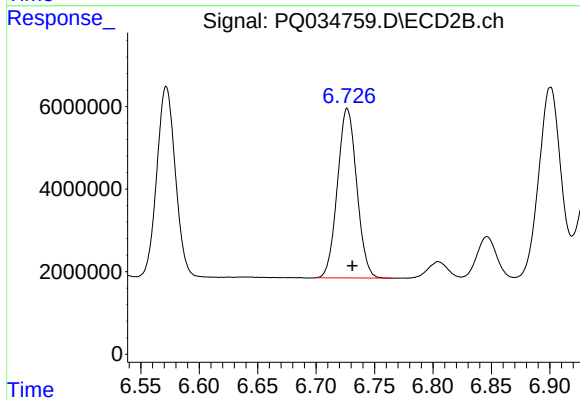
R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 50991085
Conc: 379.69 ng/ml



#33 AR-1260-3

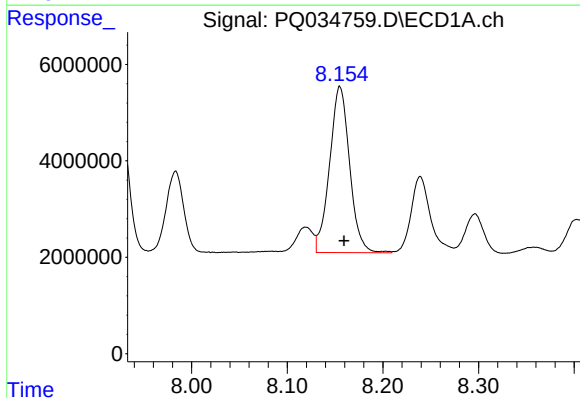
R.T.: 7.925 min
Delta R.T.: -0.004 min
Response: 38721178
Conc: 363.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



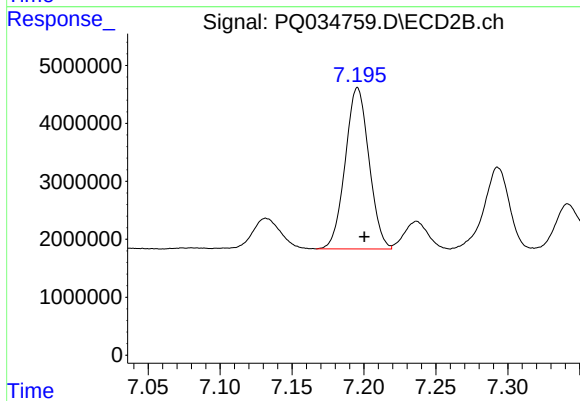
#33 AR-1260-3

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 47079378
Conc: 383.49 ng/ml



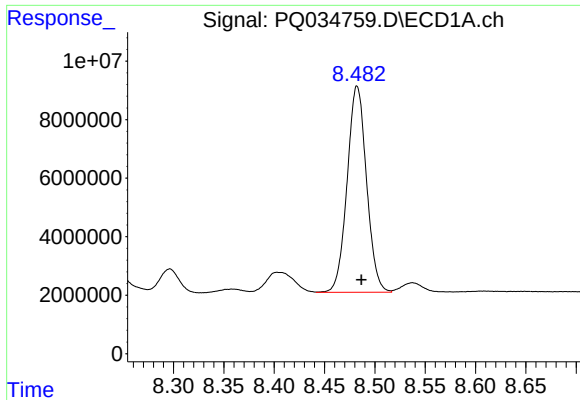
#34 AR-1260-4

R.T.: 8.155 min
Delta R.T.: -0.004 min
Response: 50149713
Conc: 378.64 ng/ml



#34 AR-1260-4

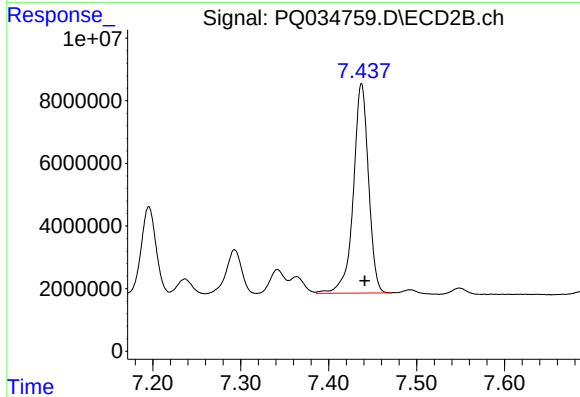
R.T.: 7.196 min
Delta R.T.: -0.005 min
Response: 32149644
Conc: 372.75 ng/ml



#35 AR-1260-5

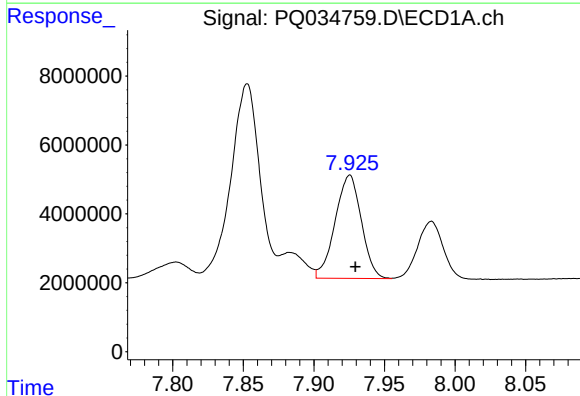
R.T.: 8.482 min
Delta R.T.: -0.004 min
Response: 94585108
Conc: 348.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



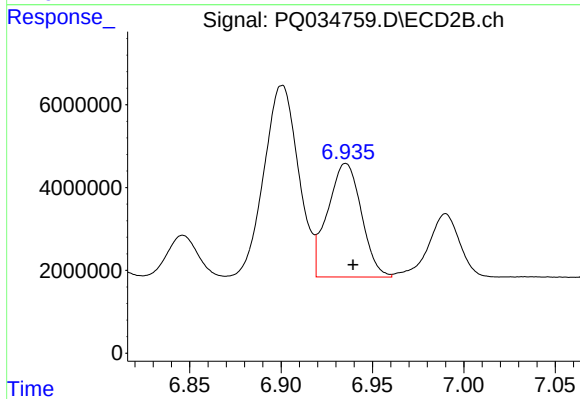
#35 AR-1260-5

R.T.: 7.437 min
Delta R.T.: -0.004 min
Response: 80217011
Conc: 364.92 ng/ml



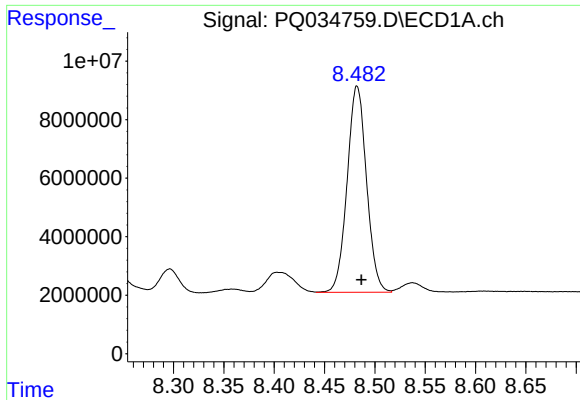
#36 AR-1262-1

R.T.: 7.925 min
Delta R.T.: -0.004 min
Response: 38721178
Conc: 204.62 ng/ml



#36 AR-1262-1

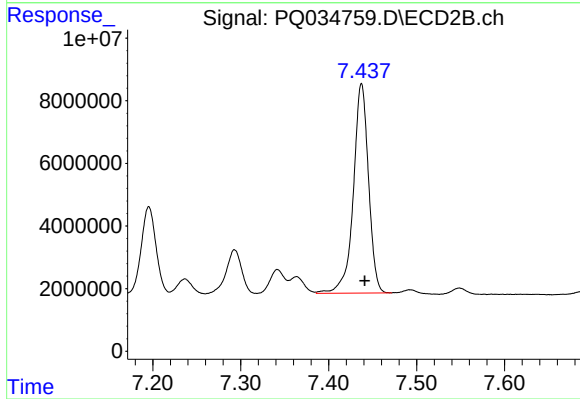
R.T.: 6.935 min
Delta R.T.: -0.004 min
Response: 35228249
Conc: 236.76 ng/ml



#37 AR-1262-2

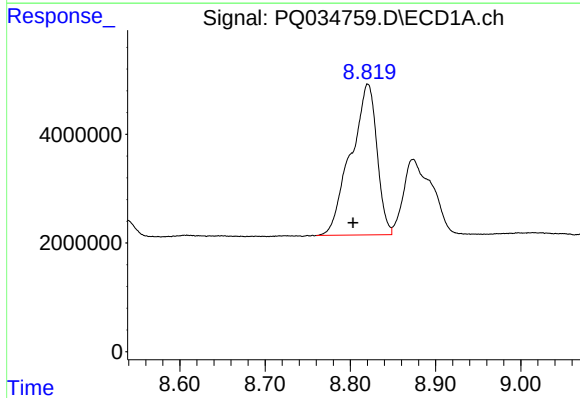
R.T.: 8.482 min
Delta R.T.: -0.004 min
Response: 94585108
Conc: 269.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



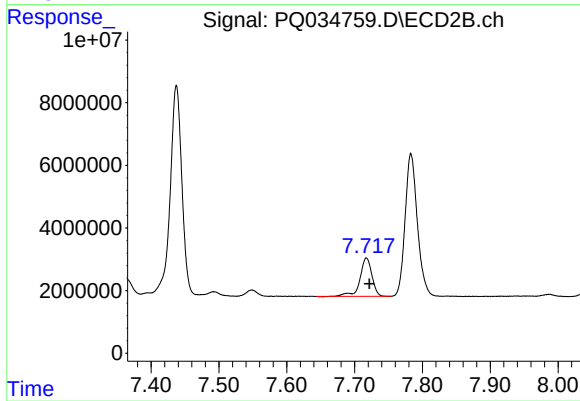
#37 AR-1262-2

R.T.: 7.437 min
Delta R.T.: -0.004 min
Response: 80217011
Conc: 291.35 ng/ml



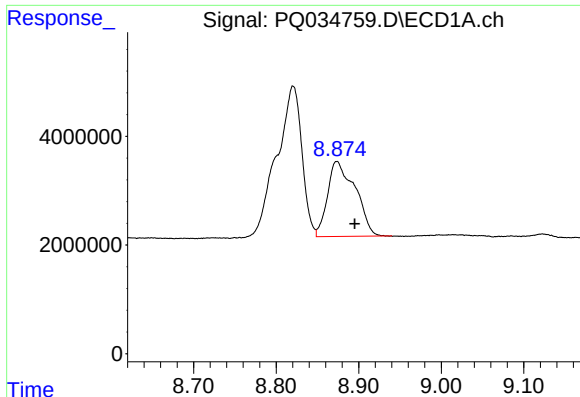
#38 AR-1262-3

R.T.: 8.821 min
Delta R.T.: 0.018 min
Response: 59071197
Conc: 257.08 ng/ml



#38 AR-1262-3

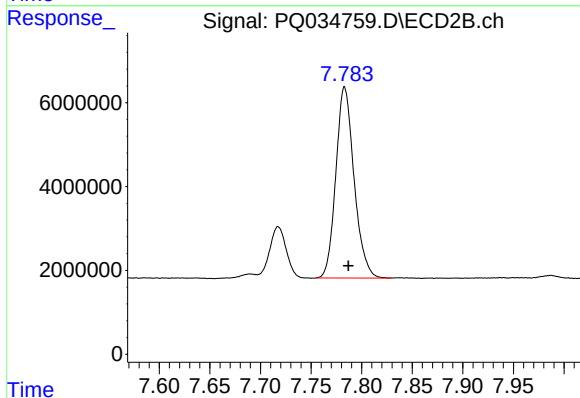
R.T.: 7.718 min
Delta R.T.: -0.004 min
Response: 15007595
Conc: 138.78 ng/ml



#39 AR-1262-4

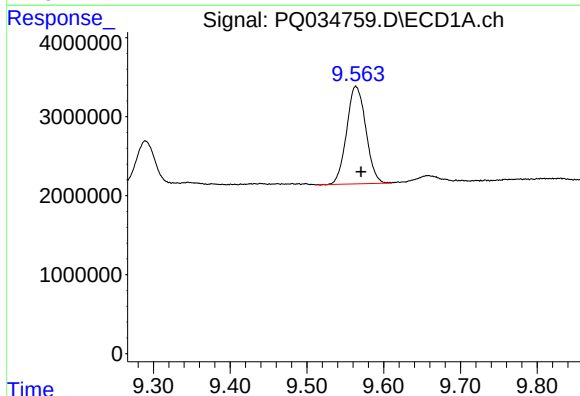
R.T.: 8.874 min
Delta R.T.: -0.022 min
Response: 32219684
Conc: 189.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



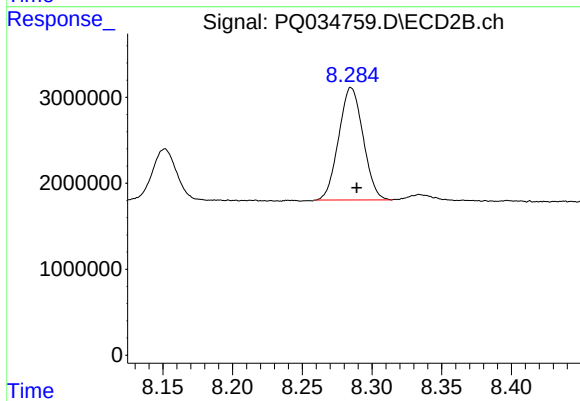
#39 AR-1262-4

R.T.: 7.783 min
Delta R.T.: -0.004 min
Response: 57124063
Conc: 285.20 ng/ml



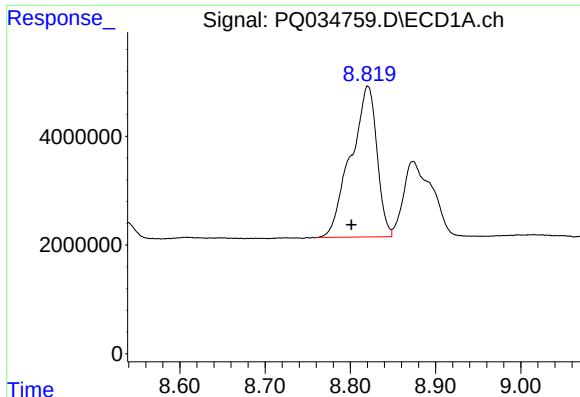
#40 AR-1262-5

R.T.: 9.564 min
Delta R.T.: -0.007 min
Response: 21405865
Conc: 175.53 ng/ml



#40 AR-1262-5

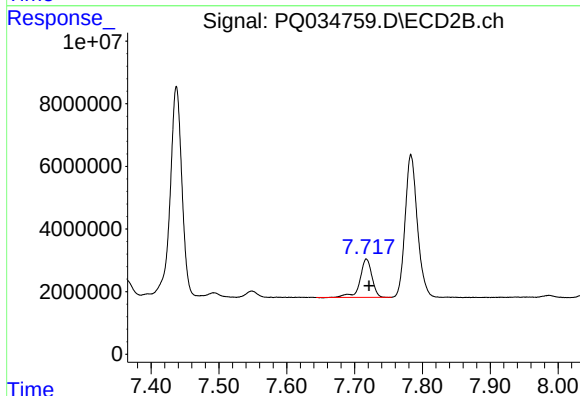
R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 15956274
Conc: 175.23 ng/ml



#41 AR-1268-1

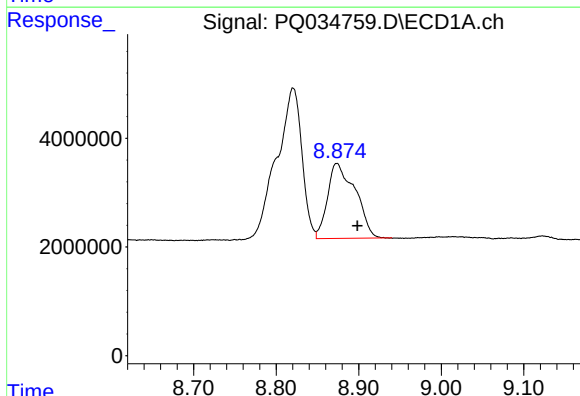
R.T.: 8.821 min
Delta R.T.: 0.020 min
Response: 59071197
Conc: 137.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



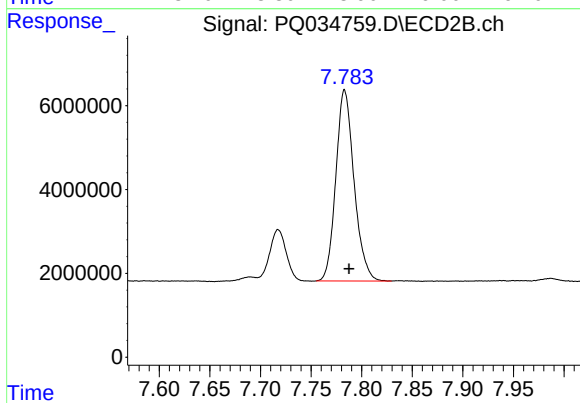
#41 AR-1268-1

R.T.: 7.718 min
Delta R.T.: -0.004 min
Response: 15007595
Conc: 45.06 ng/ml



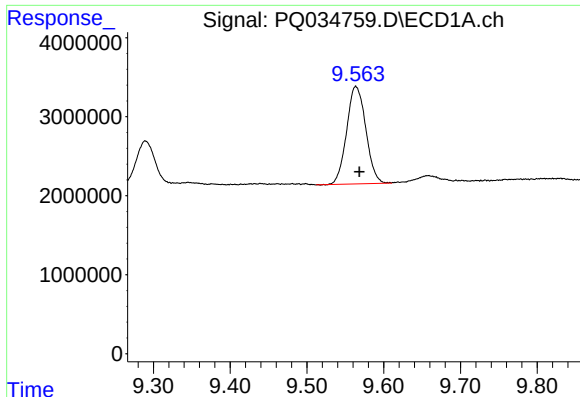
#42 AR-1268-2

R.T.: 8.874 min
Delta R.T.: -0.025 min
Response: 32219684
Conc: 83.00 ng/ml



#42 AR-1268-2

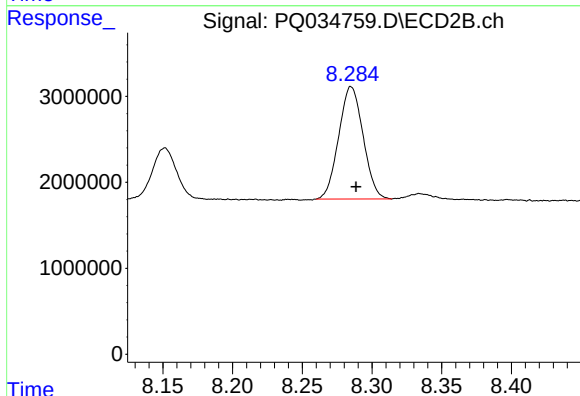
R.T.: 7.783 min
Delta R.T.: -0.004 min
Response: 57124063
Conc: 191.27 ng/ml



#44 AR-1268-4

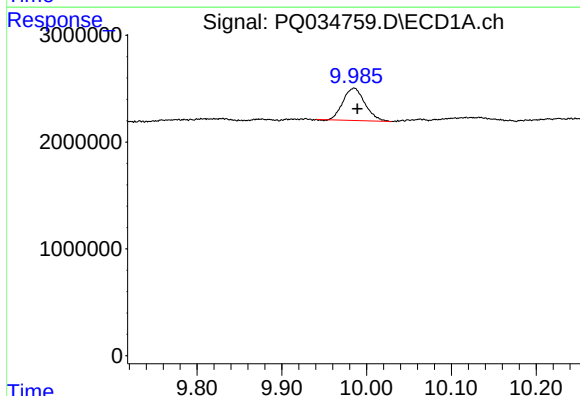
R.T.: 9.564 min
Delta R.T.: -0.005 min
Response: 21405865
Conc: 154.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



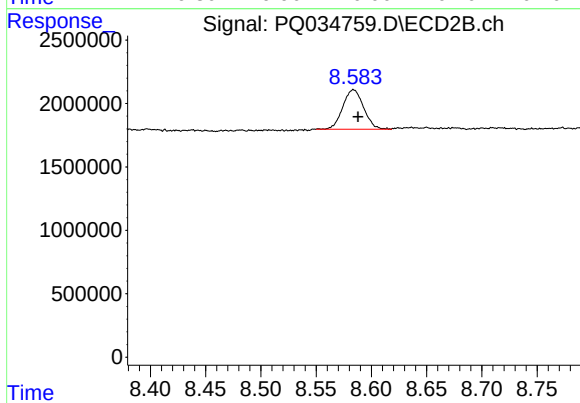
#44 AR-1268-4

R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 15956274
Conc: 150.02 ng/ml



#45 AR-1268-5

R.T.: 9.985 min
Delta R.T.: -0.004 min
Response: 5450464
Conc: 4.94 ng/ml



#45 AR-1268-5

R.T.: 8.584 min
Delta R.T.: -0.004 min
Response: 4094049
Conc: 5.15 ng/ml