

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092518\
 Data File : PQ032170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2018 08:43
 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: Sep 26 05:28:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 21 05:45:25 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...	4.597	3.875	41676306	34567716	19.707	19.791
2)	SA Decachlor...	10.453	8.949	77936327	69238846	37.061	37.340
Target Compounds							
3)	L1 AR-1016-1	5.774	4.972	27318608	22872333	366.952	348.201
4)	L1 AR-1016-2	5.797	4.992	39633456	32257641	352.517	344.877
5)	L1 AR-1016-3	5.860	5.171	24172166	17145627	359.242	353.251
6)	L1 AR-1016-4	5.960	5.209	20255206	13795500	368.813	373.456
7)	L1 AR-1016-5	6.254	5.426	20674402	18672863	360.738	365.721
8)	L2 AR-1221-1	4.801	4.090	2612093	1880058	129.590	104.183
9)	L2 AR-1221-2	4.894	4.178	2914675	2352895	199.622	190.123
10)	L2 AR-1221-3	4.972	4.255	13664517	10793208	266.476	243.637
11)	L3 AR-1232-1	4.972	4.255	13664517	10793208	383.935	349.418
12)	L3 AR-1232-2	5.507	4.992	19762898	32257641	1069.159	975.187
13)	L3 AR-1232-3	5.797	5.171	39633456	17145627	1030.961	1025.169
14)	L3 AR-1232-4	5.960	5.252	20255206	16932413	1117.888	1136.786
15)	L3 AR-1232-5	6.048	5.426	17367998	18672863	1238.576	1167.486
16)	L4 AR-1242-1	5.774	4.972	27318608	22872333	539.035	502.063
17)	L4 AR-1242-2	5.797	4.992	39633456	32257641	518.580	507.550
18)	L4 AR-1242-3	5.860	5.171	24172166	17145627	515.915	502.996
19)	L4 AR-1242-4	5.960	5.252	20255206	16932413	540.761	502.561
20)	L4 AR-1242-5	6.699	5.779	5809038	18181431	133.560	411.242 #
21)	L5 AR-1248-1	5.774	4.972	27318608	22872333	579.872	556.188
22)	L5 AR-1248-2	6.048	5.209	17367998	13795500	252.948	245.721
23)	L5 AR-1248-3	6.254	5.252	20674402	16932413	264.910	293.757
24)	L5 AR-1248-4	6.658	5.426	6824917	18672863	74.909	262.316 #
25)	L5 AR-1248-5	6.699	5.820	5809038	3652780	67.309	51.425
26)	L6 AR-1254-1	6.632	5.779	19836494	18181431	202.036	152.391
27)	L6 AR-1254-2	6.848	5.924	17125186	13034519	110.589	124.440
28)	L6 AR-1254-3	7.219	6.345	8015020	32714664	47.546	183.964 #
29)	L6 AR-1254-4	7.505	6.560	5192278	2238238	41.518	19.668 #
30)	L6 AR-1254-5	7.923	6.978	60132924	51718609	435.645	333.151
31)	L7 AR-1260-1	7.381	6.461	42394923	40166187	341.793	359.080
32)	L7 AR-1260-2	7.636	6.647	51531600	47938616	350.932	352.653
33)	L7 AR-1260-3	7.997	6.804	37020677	45041083	350.740	358.596
34)	L7 AR-1260-4	8.230	7.277	43573643	36595880	358.290	359.166
35)	L7 AR-1260-5	8.562	7.515	86657548	87834281	358.485	355.669
36)	L8 AR-1262-1	7.997	7.013	37020677	39228211	261.172	281.258
37)	L8 AR-1262-2	8.562	7.515	86657548	87834281	332.471	334.882
38)	L8 AR-1262-3	8.904	7.799	54176063	18095227	311.377	185.236 #
39)	L8 AR-1262-4	8.964	7.864	31654634	61932007	243.555	330.580 #
40)	L8 AR-1262-5	9.667	8.371	22107106	20491873	237.242	234.664
41)	L9 AR-1268-1	8.904	7.799	54176063	18095227	155.943	54.089 #

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 Operator : SM\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

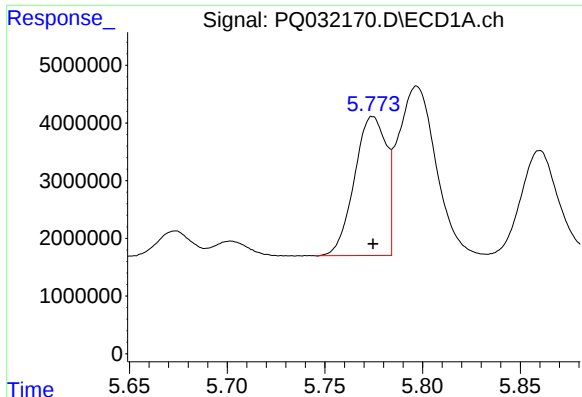
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:28:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092018CLP.M
 Quant Title : GC EXTRACTABLES
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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	8.964	7.864	31654634	61932007	100.285	205.710 #
43) L9	AR-1268-3	9.217	8.073	1568709	1060800	5.872	4.261 #
44) L9	AR-1268-4	9.667	8.371	22107106	20491873	190.471	189.637
45) L9	AR-1268-5	10.098	8.679	6489305	5583404	7.552	7.036

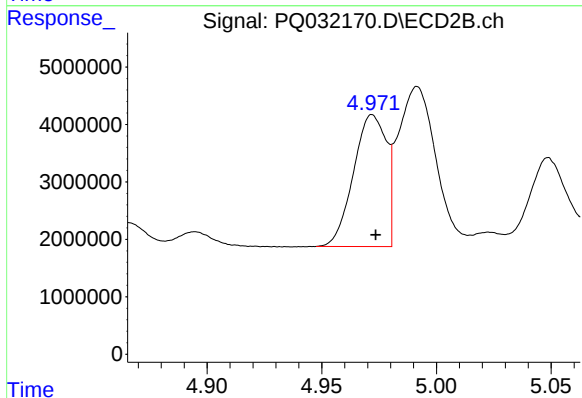
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

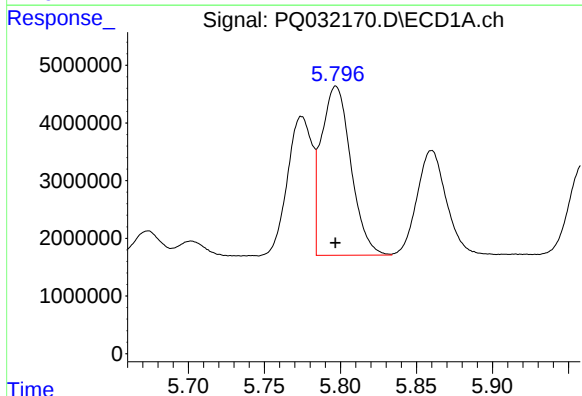
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 27318608
Conc: 366.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



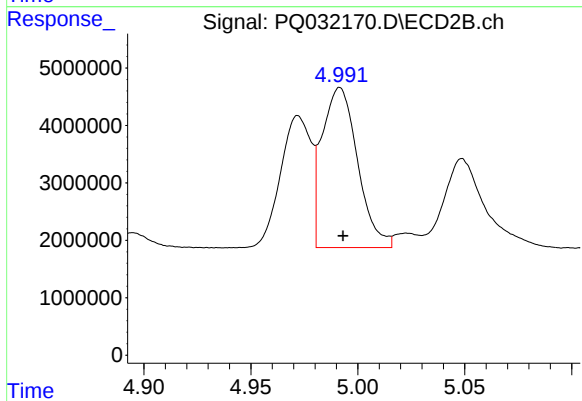
#3 AR-1016-1

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 22872333
Conc: 348.20 ng/ml



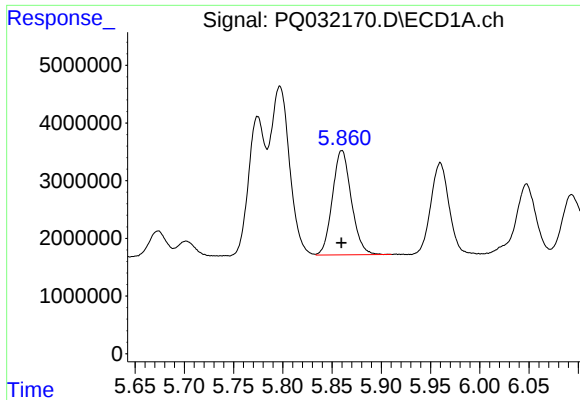
#4 AR-1016-2

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 39633456
Conc: 352.52 ng/ml



#4 AR-1016-2

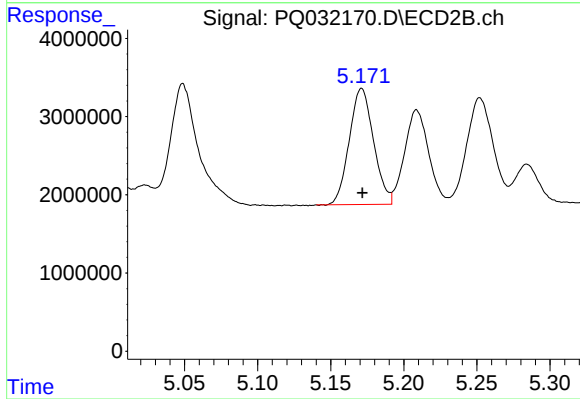
R.T.: 4.992 min
Delta R.T.: -0.002 min
Response: 32257641
Conc: 344.88 ng/ml



#5 AR-1016-3

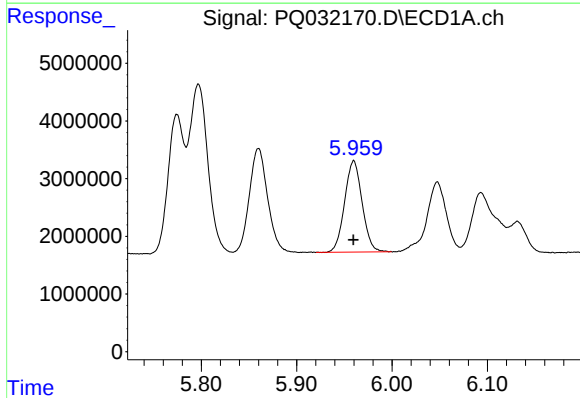
R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 24172166
Conc: 359.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



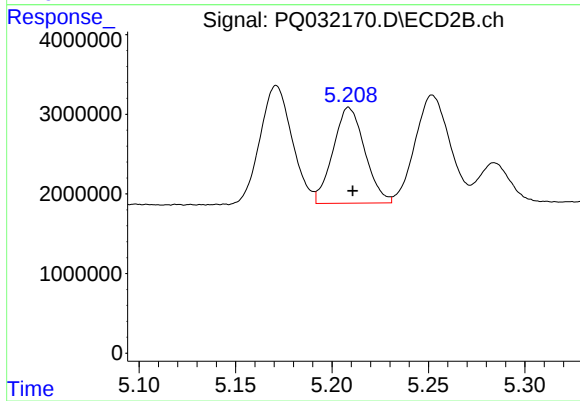
#5 AR-1016-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 17145627
Conc: 353.25 ng/ml



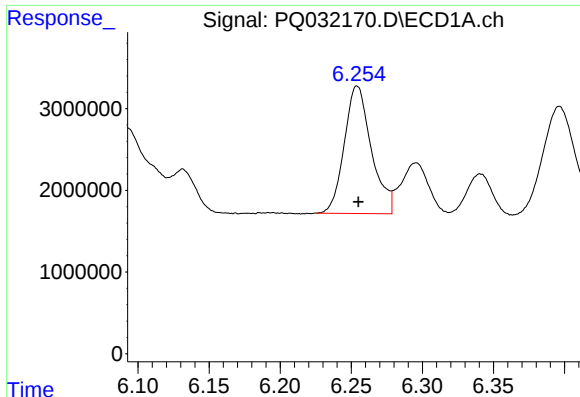
#6 AR-1016-4

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 20255206
Conc: 368.81 ng/ml



#6 AR-1016-4

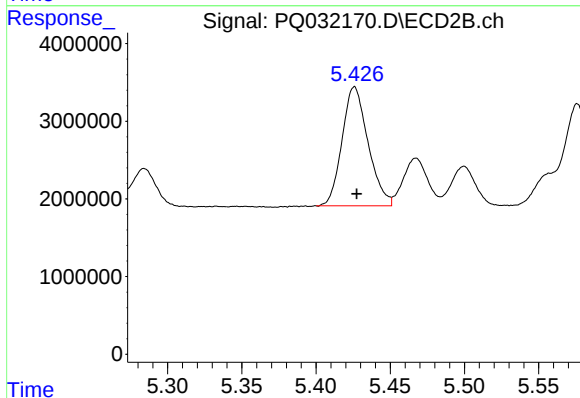
R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 13795500
Conc: 373.46 ng/ml



#7 AR-1016-5

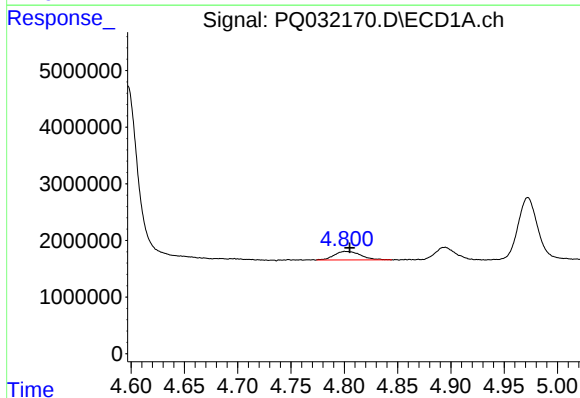
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 20674402
Conc: 360.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



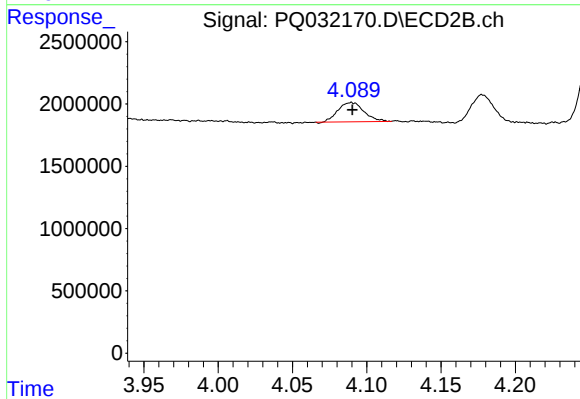
#7 AR-1016-5

R.T.: 5.426 min
Delta R.T.: -0.001 min
Response: 18672863
Conc: 365.72 ng/ml



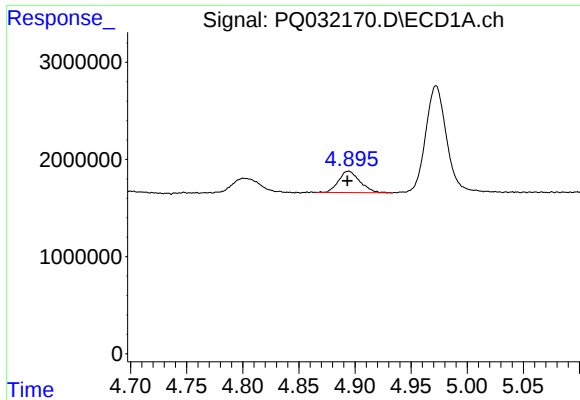
#8 AR-1221-1

R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 2612093
Conc: 129.59 ng/ml



#8 AR-1221-1

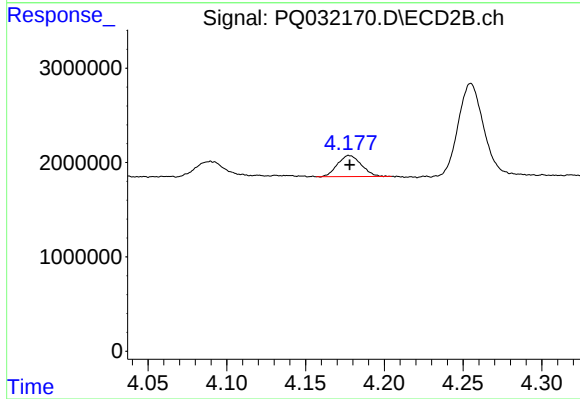
R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 1880058
Conc: 104.18 ng/ml



#9 AR-1221-2

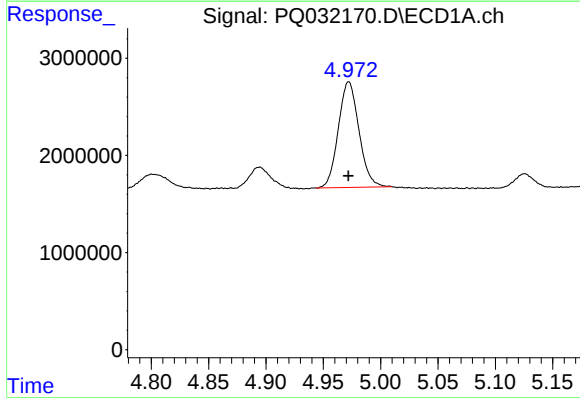
R.T.: 4.894 min
Delta R.T.: 0.001 min
Response: 2914675
Conc: 199.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



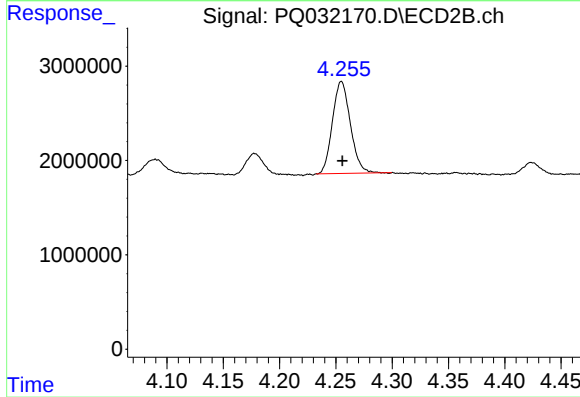
#9 AR-1221-2

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 2352895
Conc: 190.12 ng/ml



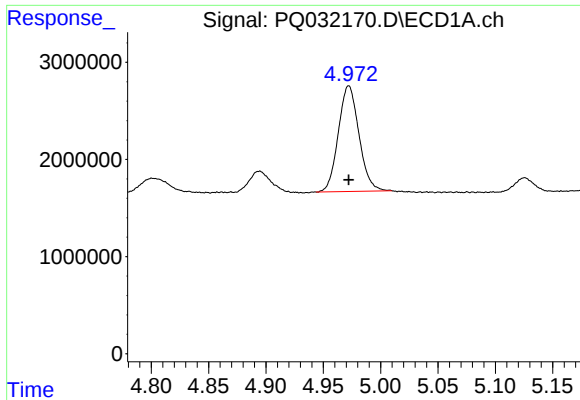
#10 AR-1221-3

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 13664517
Conc: 266.48 ng/ml



#10 AR-1221-3

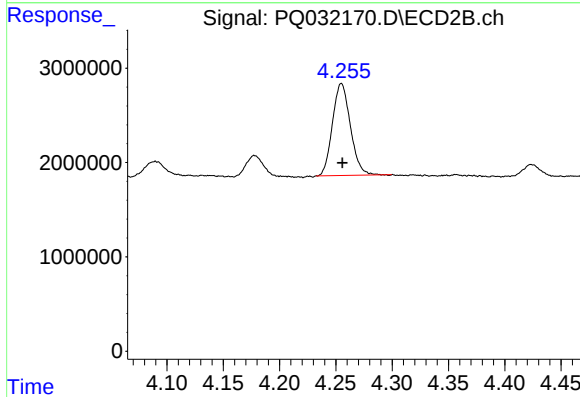
R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 10793208
Conc: 243.64 ng/ml



#11 AR-1232-1

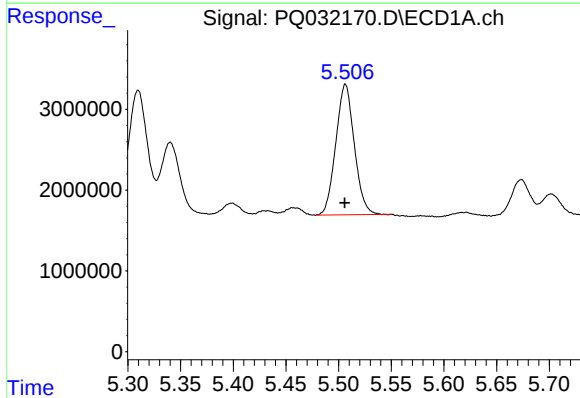
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 13664517
Conc: 383.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



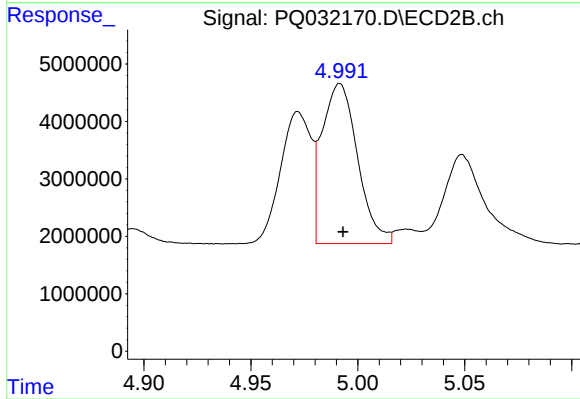
#11 AR-1232-1

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 10793208
Conc: 349.42 ng/ml



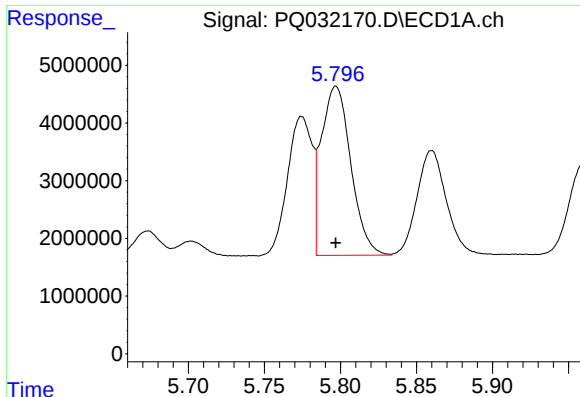
#12 AR-1232-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 19762898
Conc: 1069.16 ng/ml



#12 AR-1232-2

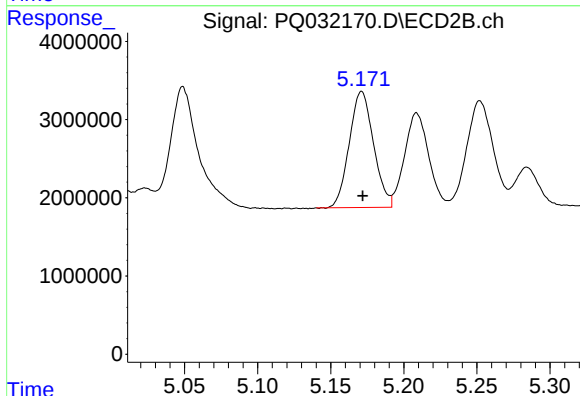
R.T.: 4.992 min
Delta R.T.: -0.002 min
Response: 32257641
Conc: 975.19 ng/ml



#13 AR-1232-3

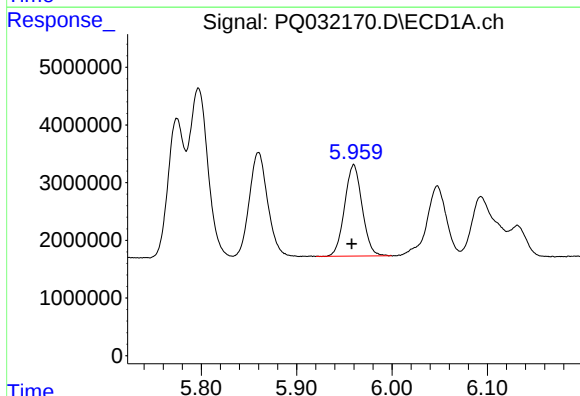
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 39633456
Conc: 1030.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



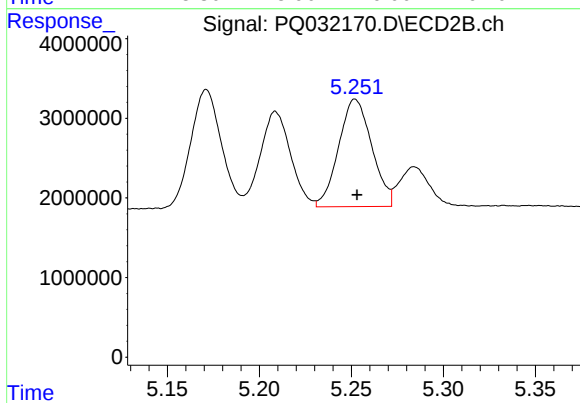
#13 AR-1232-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 17145627
Conc: 1025.17 ng/ml



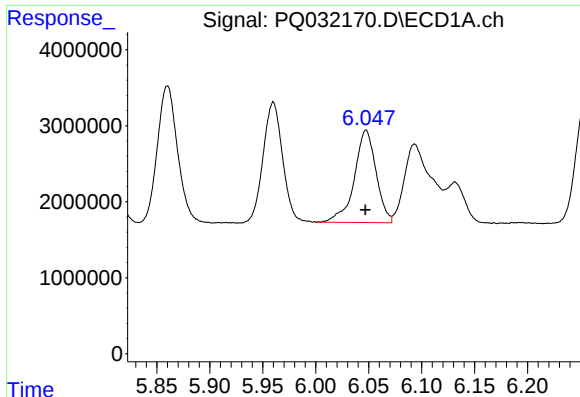
#14 AR-1232-4

R.T.: 5.960 min
Delta R.T.: 0.002 min
Response: 20255206
Conc: 1117.89 ng/ml



#14 AR-1232-4

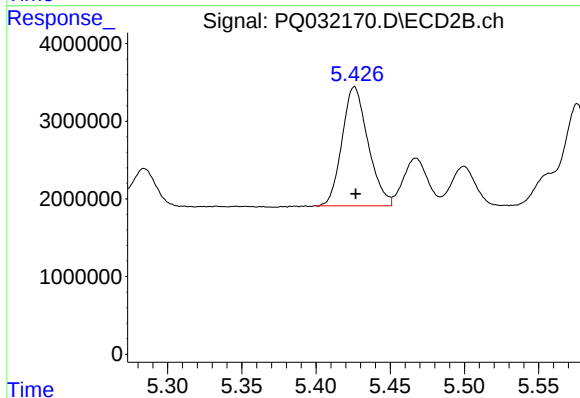
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 16932413
Conc: 1136.79 ng/ml



#15 AR-1232-5

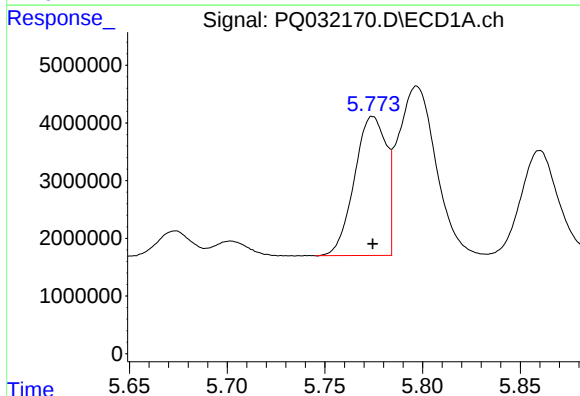
R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 17367998
Conc: 1238.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



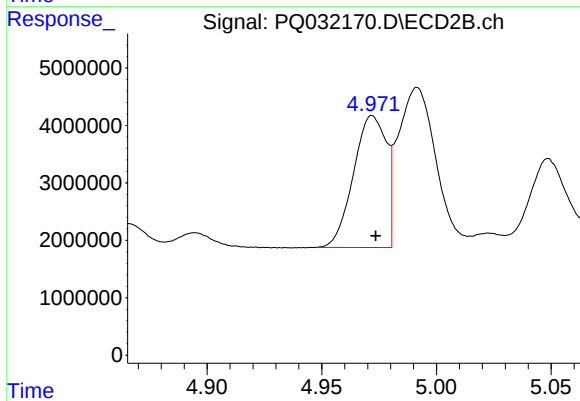
#15 AR-1232-5

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 18672863
Conc: 1167.49 ng/ml



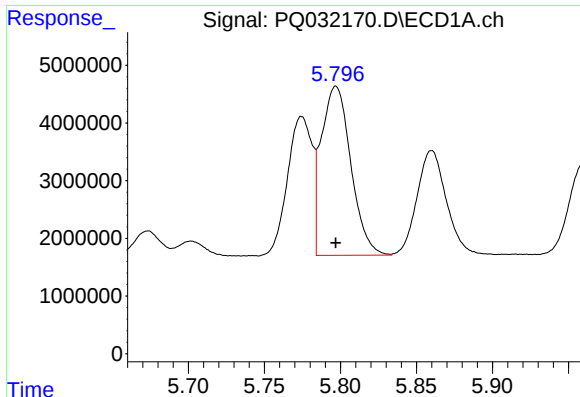
#16 AR-1242-1

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 27318608
Conc: 539.04 ng/ml



#16 AR-1242-1

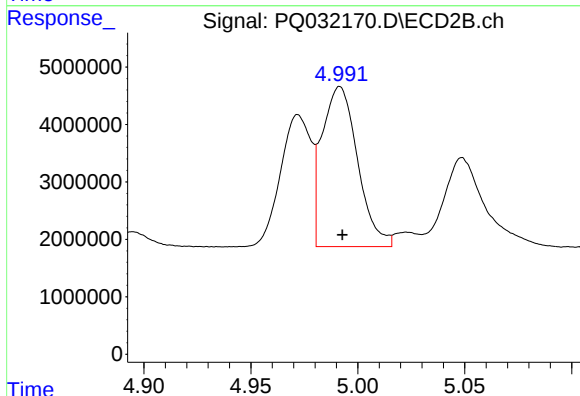
R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 22872333
Conc: 502.06 ng/ml



#17 AR-1242-2

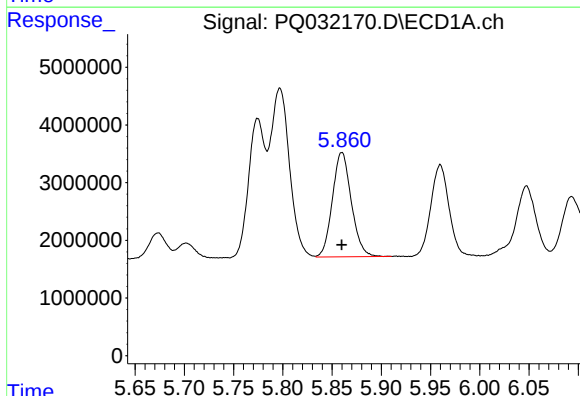
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 39633456
Conc: 518.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



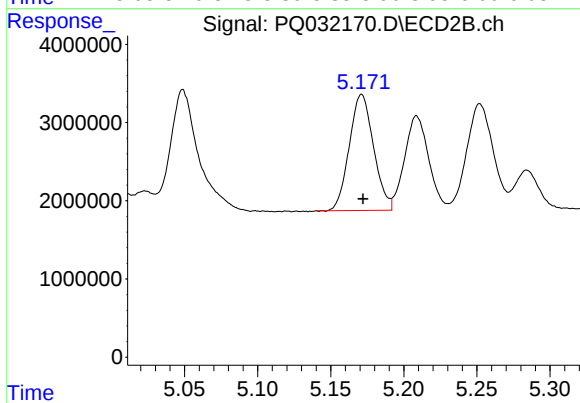
#17 AR-1242-2

R.T.: 4.992 min
Delta R.T.: -0.001 min
Response: 32257641
Conc: 507.55 ng/ml



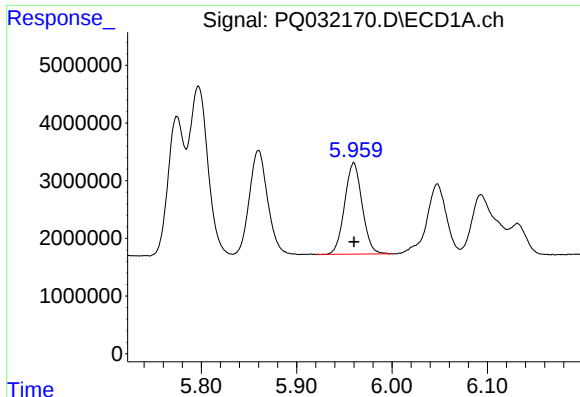
#18 AR-1242-3

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 24172166
Conc: 515.92 ng/ml



#18 AR-1242-3

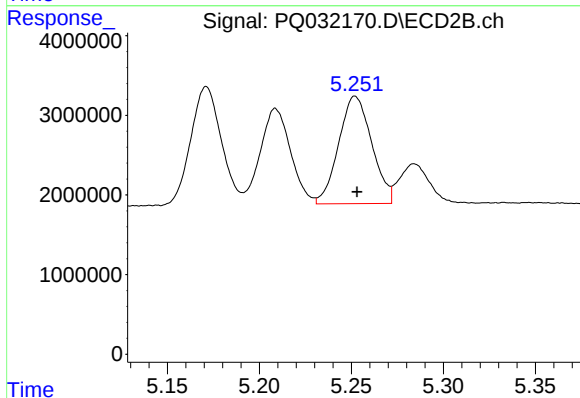
R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 17145627
Conc: 503.00 ng/ml



#19 AR-1242-4

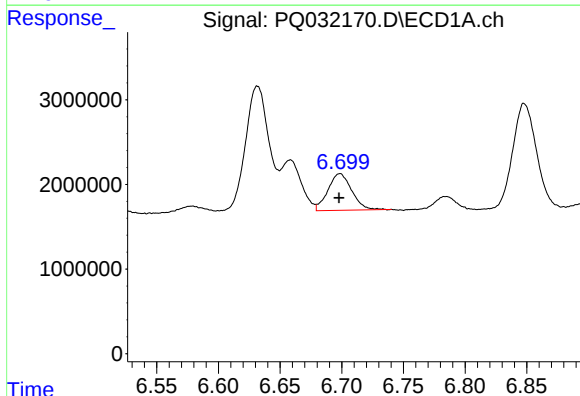
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 20255206
Conc: 540.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



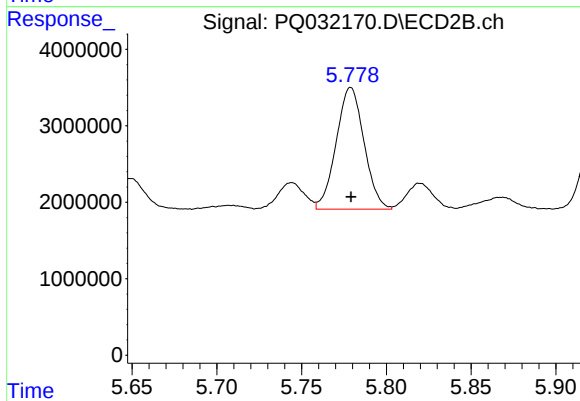
#19 AR-1242-4

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 16932413
Conc: 502.56 ng/ml



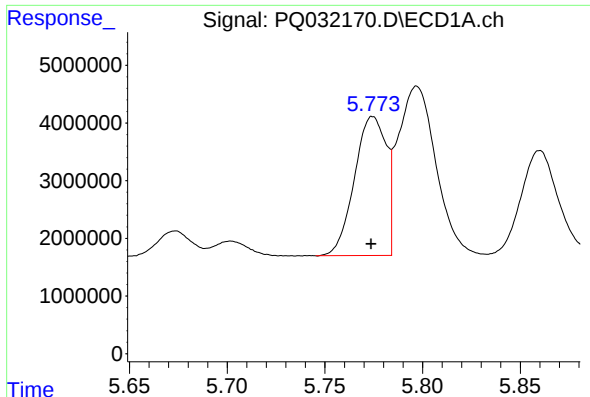
#20 AR-1242-5

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 5809038
Conc: 133.56 ng/ml



#20 AR-1242-5

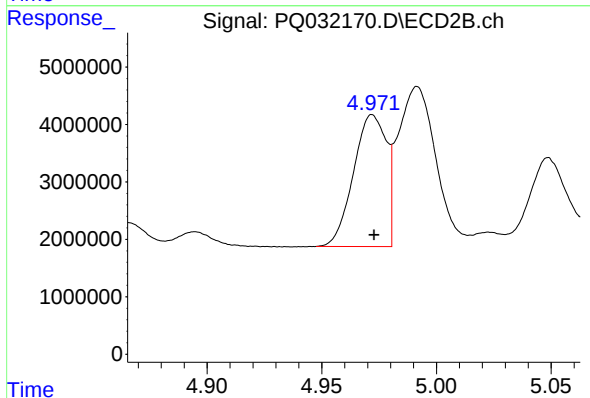
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 18181431
Conc: 411.24 ng/ml



#21 AR-1248-1

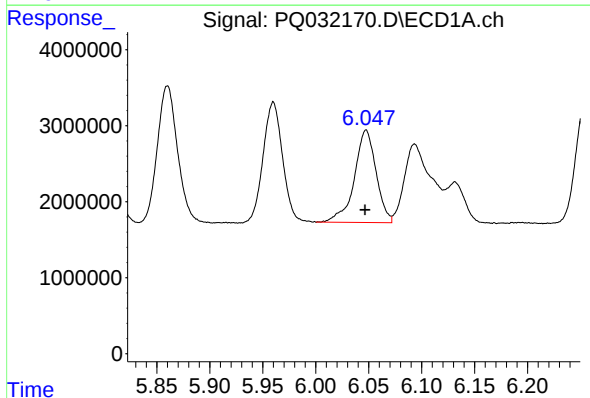
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 27318608
Conc: 579.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



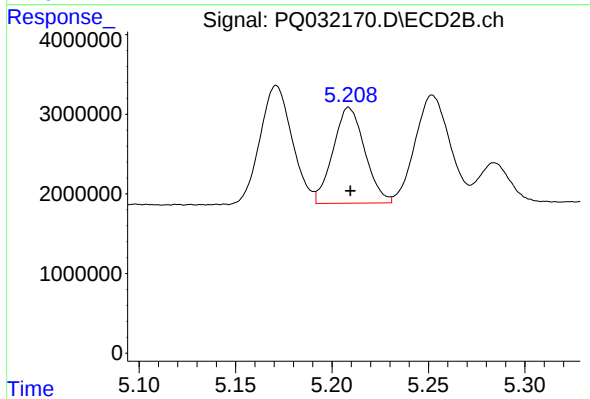
#21 AR-1248-1

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 22872333
Conc: 556.19 ng/ml



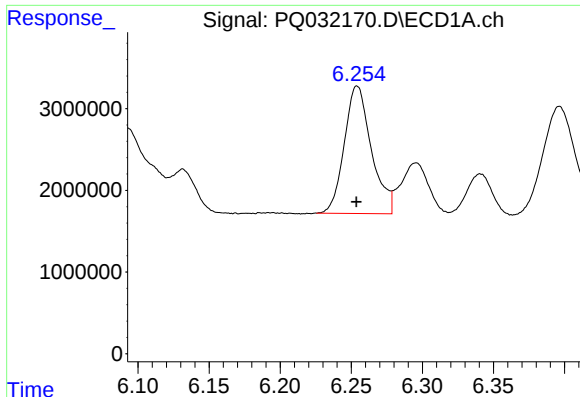
#22 AR-1248-2

R.T.: 6.048 min
Delta R.T.: 0.001 min
Response: 17367998
Conc: 252.95 ng/ml



#22 AR-1248-2

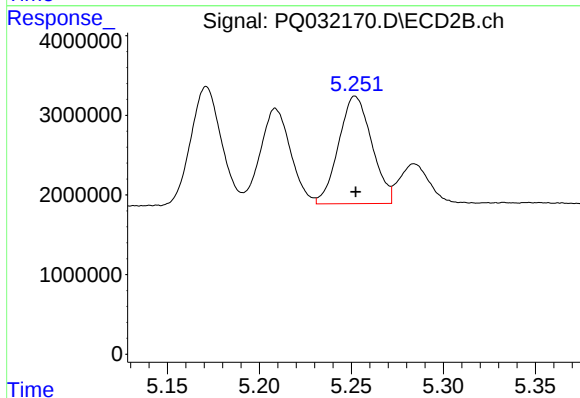
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 13795500
Conc: 245.72 ng/ml



#23 AR-1248-3

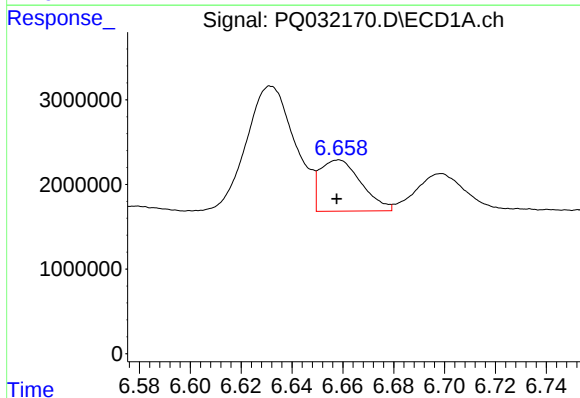
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 20674402
Conc: 264.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



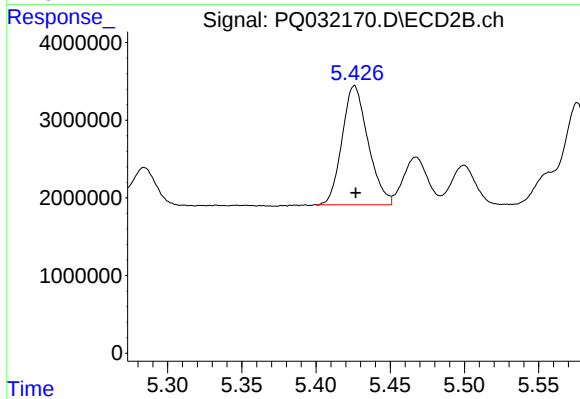
#23 AR-1248-3

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 16932413
Conc: 293.76 ng/ml



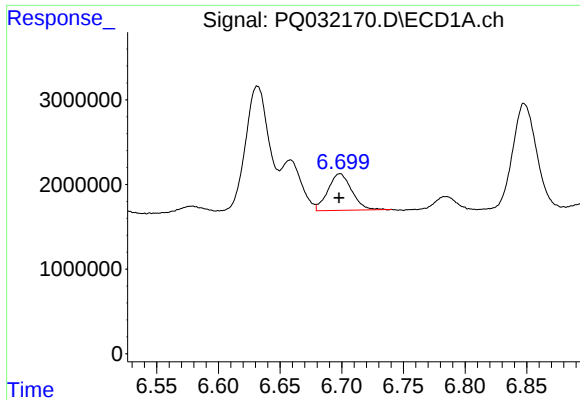
#24 AR-1248-4

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 6824917
Conc: 74.91 ng/ml



#24 AR-1248-4

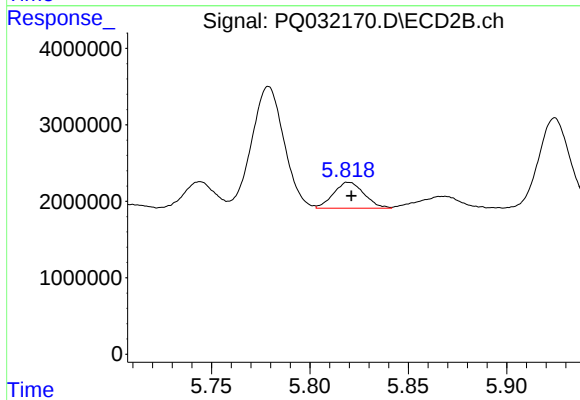
R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 18672863
Conc: 262.32 ng/ml



#25 AR-1248-5

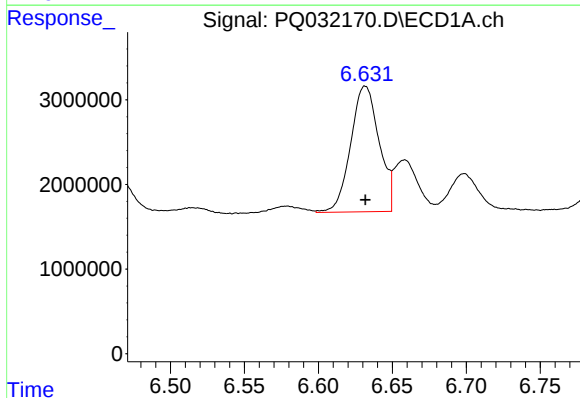
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 5809038
Conc: 67.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



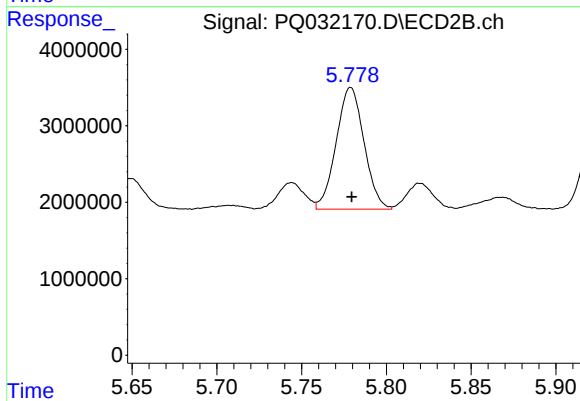
#25 AR-1248-5

R.T.: 5.820 min
Delta R.T.: -0.001 min
Response: 3652780
Conc: 51.43 ng/ml



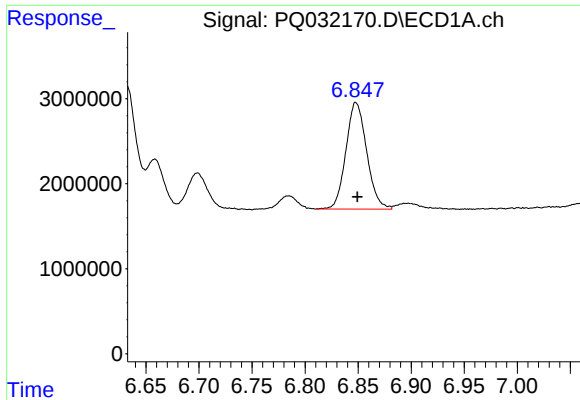
#26 AR-1254-1

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 19836494
Conc: 202.04 ng/ml



#26 AR-1254-1

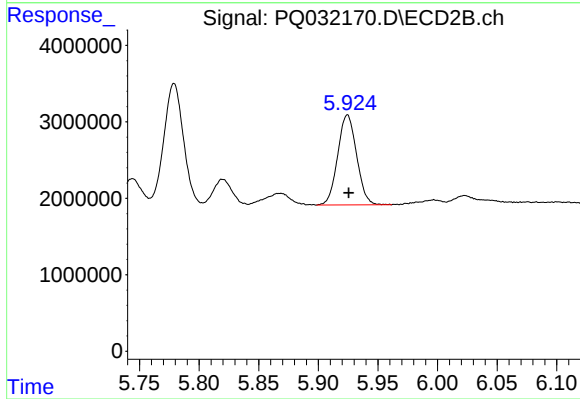
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 18181431
Conc: 152.39 ng/ml



#27 AR-1254-2

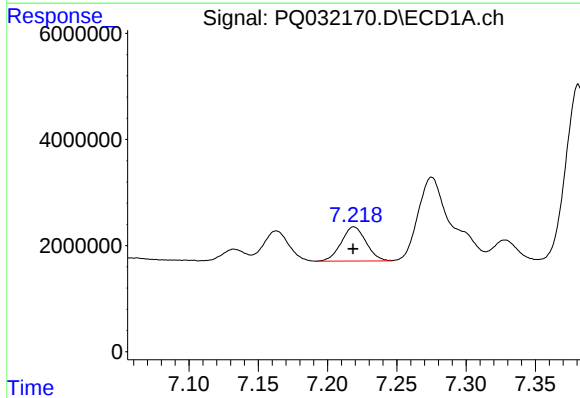
R.T.: 6.848 min
Delta R.T.: -0.001 min
Response: 17125186
Conc: 110.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



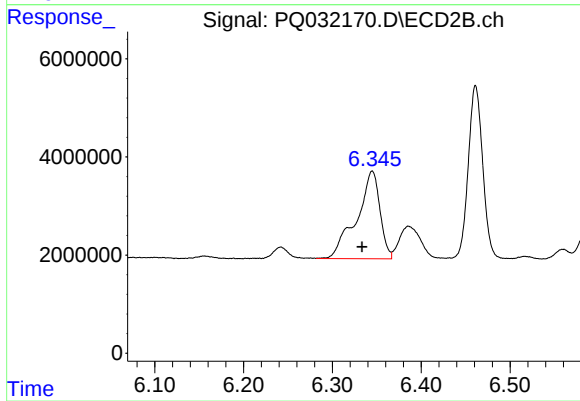
#27 AR-1254-2

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 13034519
Conc: 124.44 ng/ml



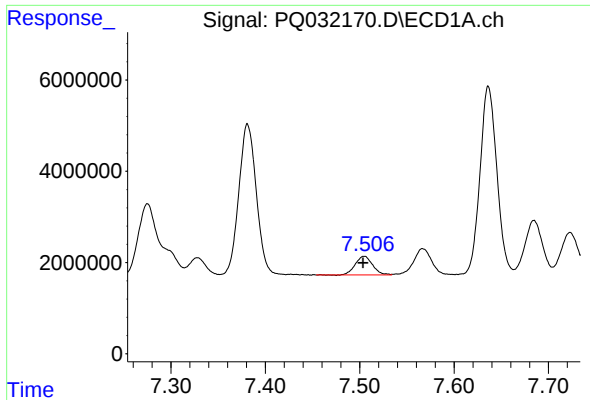
#28 AR-1254-3

R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 8015020
Conc: 47.55 ng/ml



#28 AR-1254-3

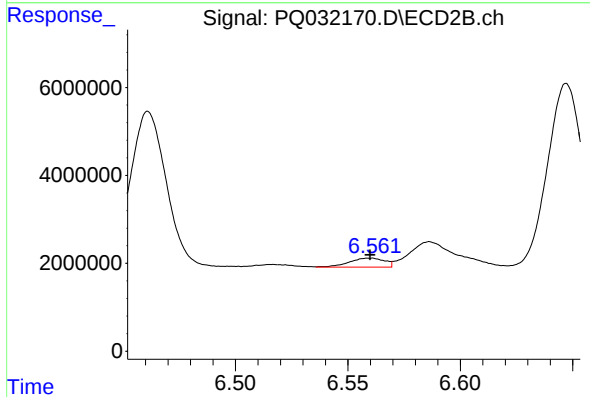
R.T.: 6.345 min
Delta R.T.: 0.011 min
Response: 32714664
Conc: 183.96 ng/ml



#29 AR-1254-4

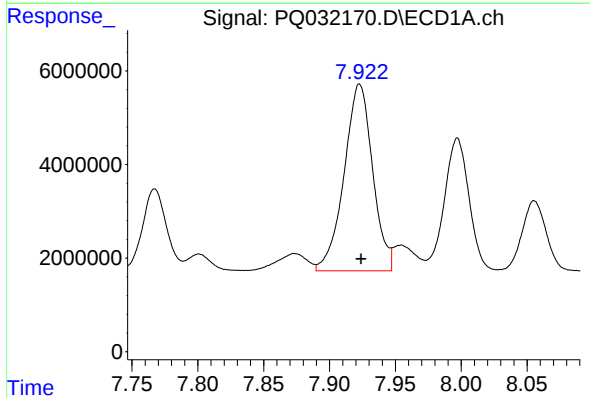
R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 5192278
Conc: 41.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



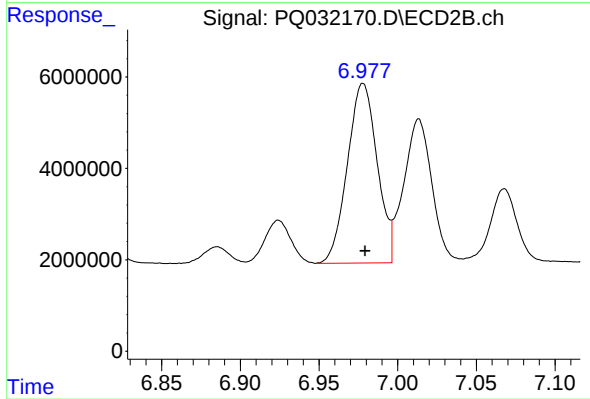
#29 AR-1254-4

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 2238238
Conc: 19.67 ng/ml



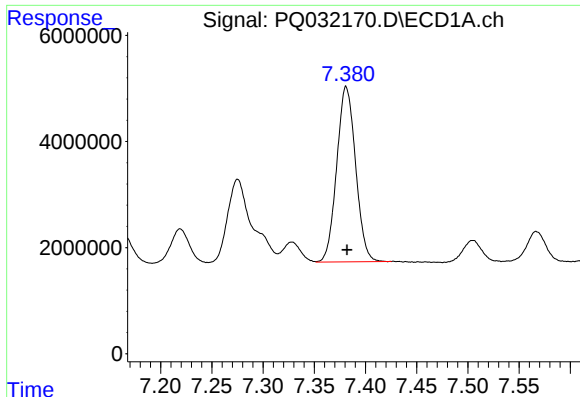
#30 AR-1254-5

R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 60132924
Conc: 435.64 ng/ml



#30 AR-1254-5

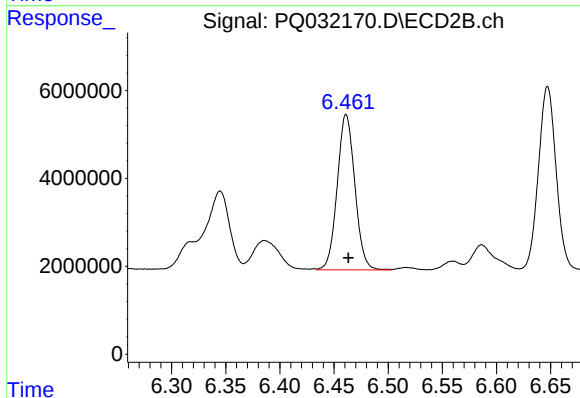
R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 51718609
Conc: 333.15 ng/ml



#31 AR-1260-1

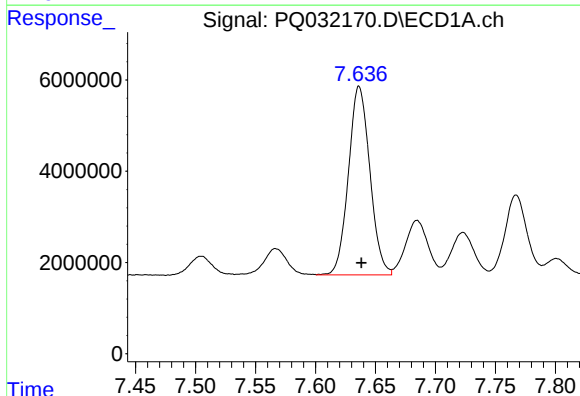
R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 42394923
Conc: 341.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



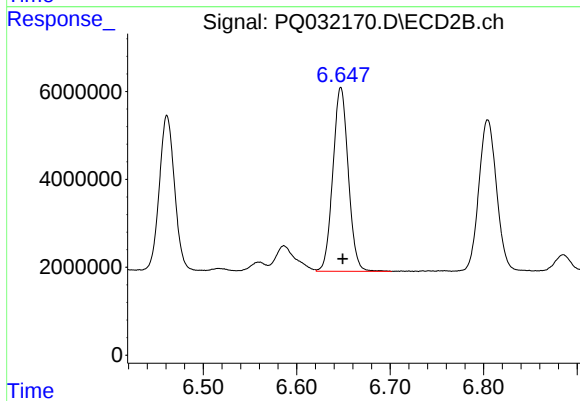
#31 AR-1260-1

R.T.: 6.461 min
Delta R.T.: -0.002 min
Response: 40166187
Conc: 359.08 ng/ml



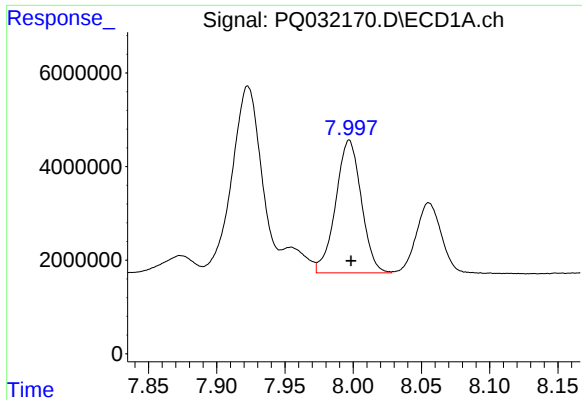
#32 AR-1260-2

R.T.: 7.636 min
Delta R.T.: -0.002 min
Response: 51531600
Conc: 350.93 ng/ml



#32 AR-1260-2

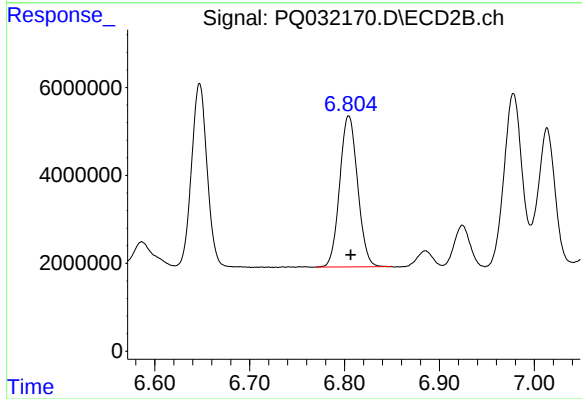
R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 47938616
Conc: 352.65 ng/ml



#33 AR-1260-3

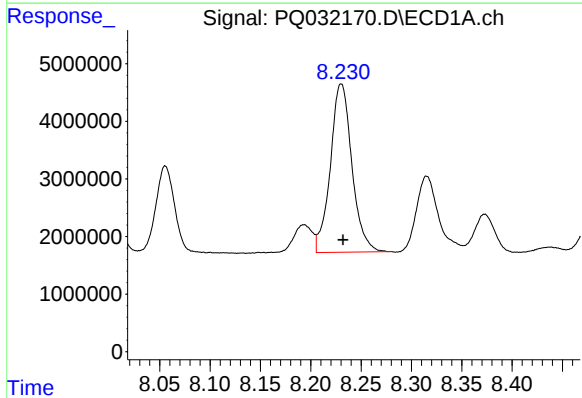
R.T.: 7.997 min
Delta R.T.: -0.001 min
Response: 37020677
Conc: 350.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



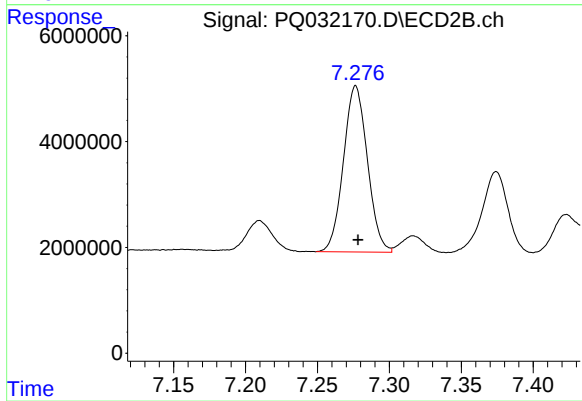
#33 AR-1260-3

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 45041083
Conc: 358.60 ng/ml



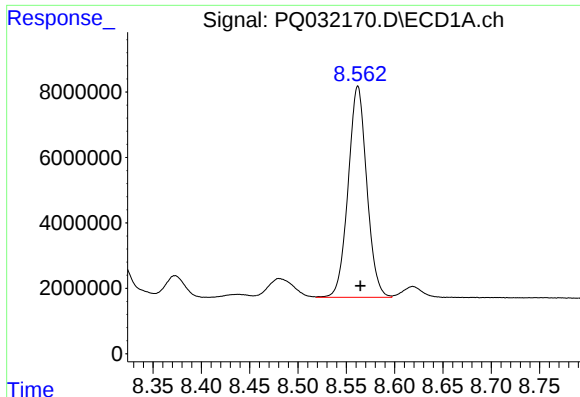
#34 AR-1260-4

R.T.: 8.230 min
Delta R.T.: -0.002 min
Response: 43573643
Conc: 358.29 ng/ml



#34 AR-1260-4

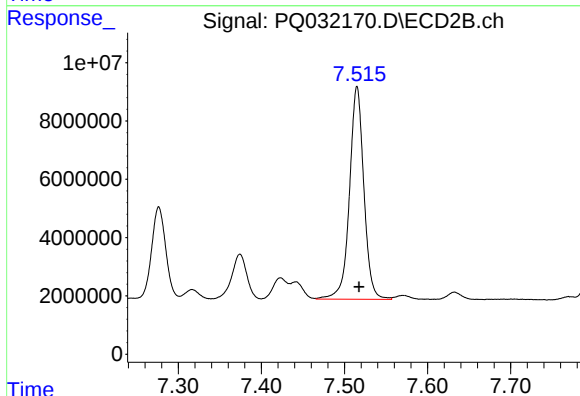
R.T.: 7.277 min
Delta R.T.: -0.002 min
Response: 36595880
Conc: 359.17 ng/ml



#35 AR-1260-5

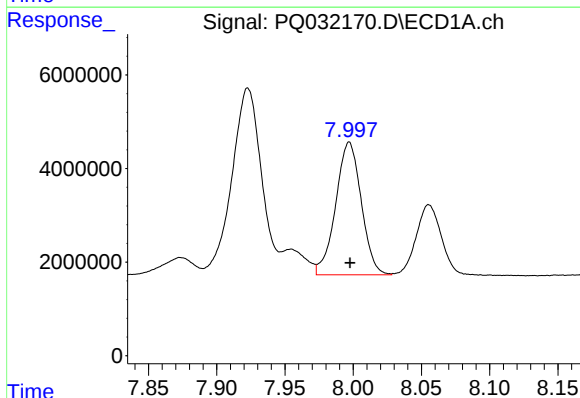
R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 86657548
Conc: 358.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



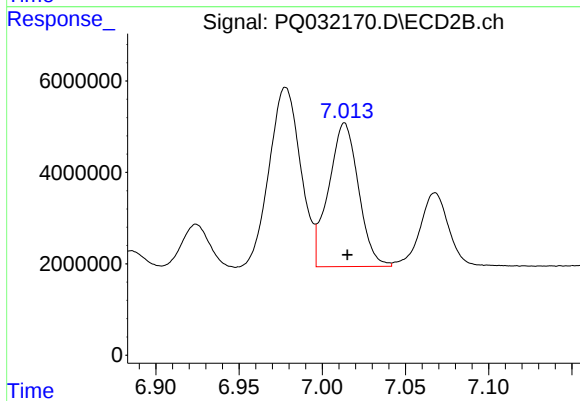
#35 AR-1260-5

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 87834281
Conc: 355.67 ng/ml



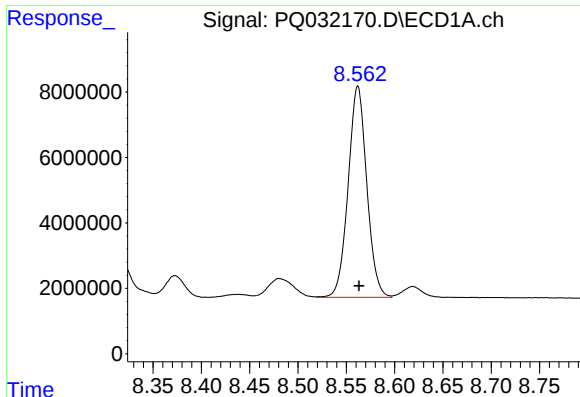
#36 AR-1262-1

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 37020677
Conc: 261.17 ng/ml



#36 AR-1262-1

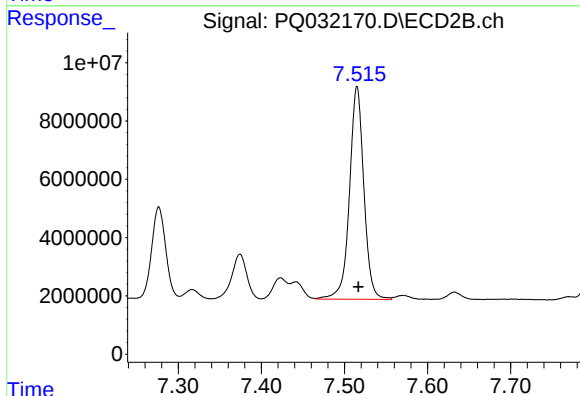
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 39228211
Conc: 281.26 ng/ml



#37 AR-1262-2

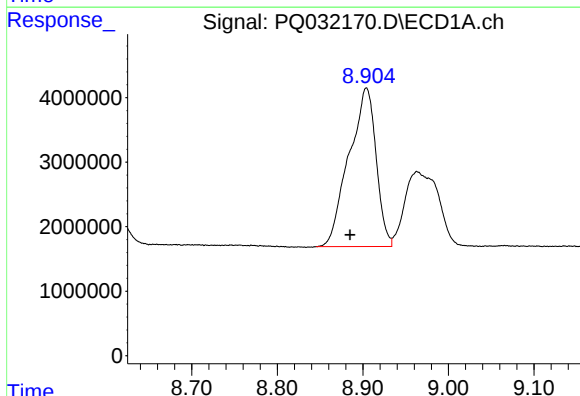
R.T.: 8.562 min
Delta R.T.: -0.001 min
Response: 86657548
Conc: 332.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



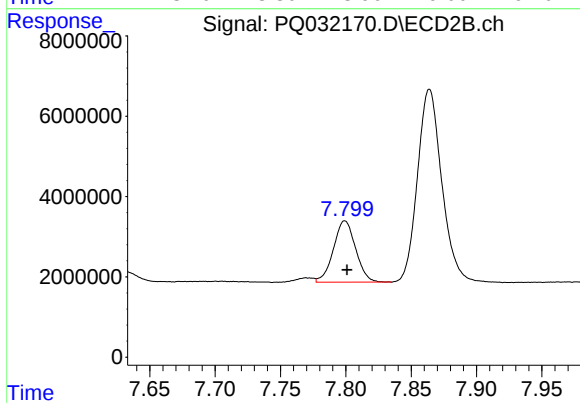
#37 AR-1262-2

R.T.: 7.515 min
Delta R.T.: -0.002 min
Response: 87834281
Conc: 334.88 ng/ml



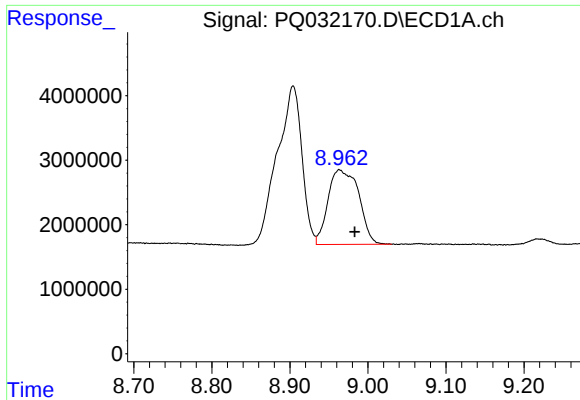
#38 AR-1262-3

R.T.: 8.904 min
Delta R.T.: 0.019 min
Response: 54176063
Conc: 311.38 ng/ml



#38 AR-1262-3

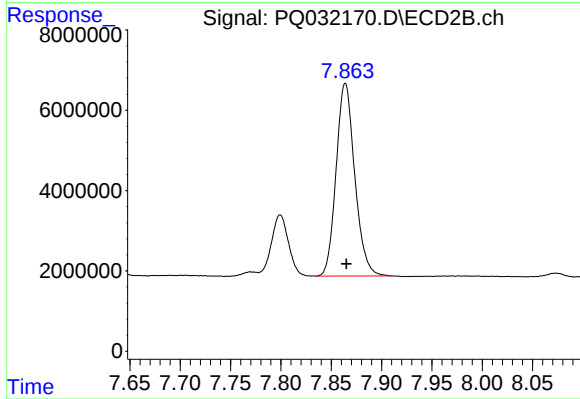
R.T.: 7.799 min
Delta R.T.: -0.002 min
Response: 18095227
Conc: 185.24 ng/ml



#39 AR-1262-4

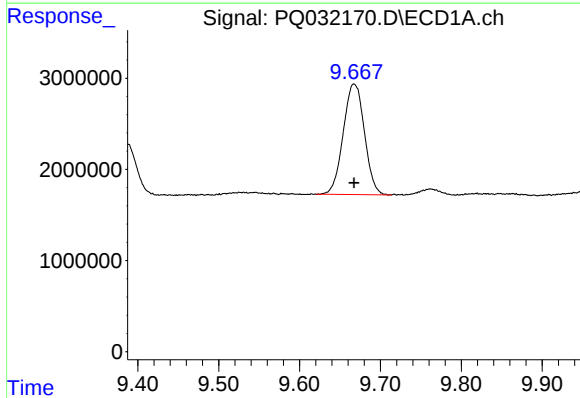
R.T.: 8.964 min
Delta R.T.: -0.020 min
Response: 31654634
Conc: 243.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



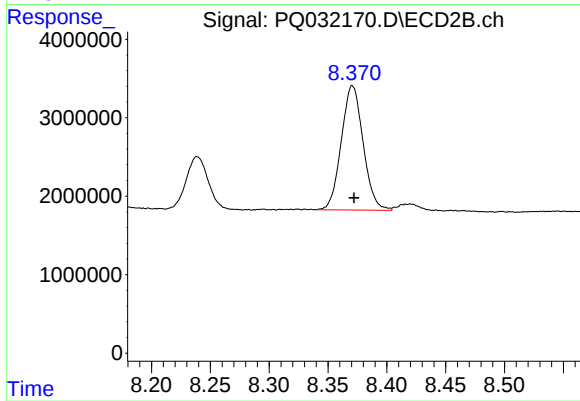
#39 AR-1262-4

R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 61932007
Conc: 330.58 ng/ml



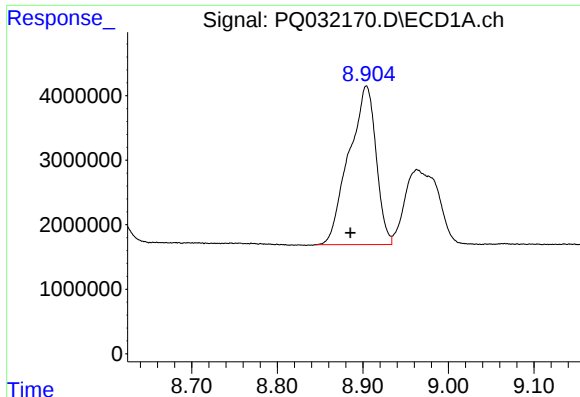
#40 AR-1262-5

R.T.: 9.667 min
Delta R.T.: 0.000 min
Response: 22107106
Conc: 237.24 ng/ml



#40 AR-1262-5

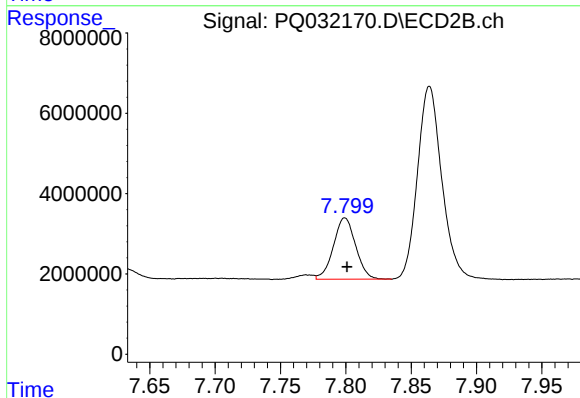
R.T.: 8.371 min
Delta R.T.: -0.001 min
Response: 20491873
Conc: 234.66 ng/ml



#41 AR-1268-1

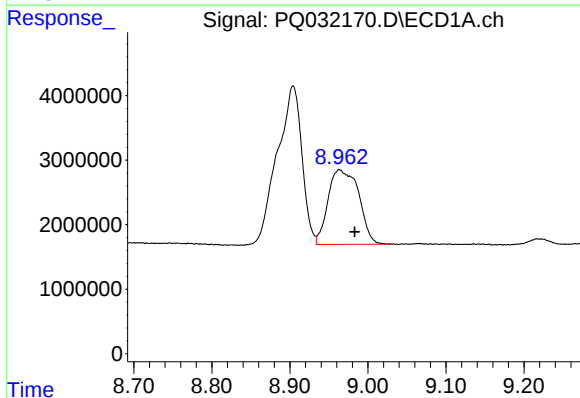
R.T.: 8.904 min
Delta R.T.: 0.019 min
Response: 54176063
Conc: 155.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



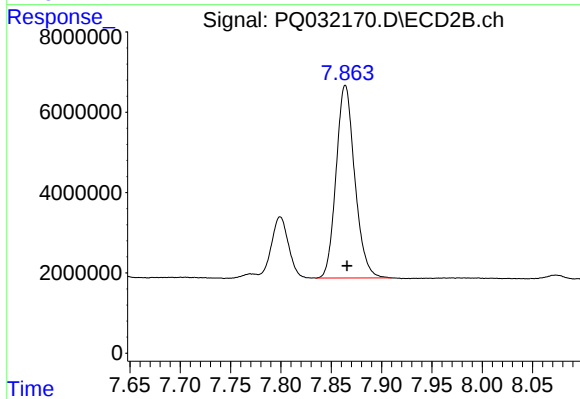
#41 AR-1268-1

R.T.: 7.799 min
Delta R.T.: -0.002 min
Response: 18095227
Conc: 54.09 ng/ml



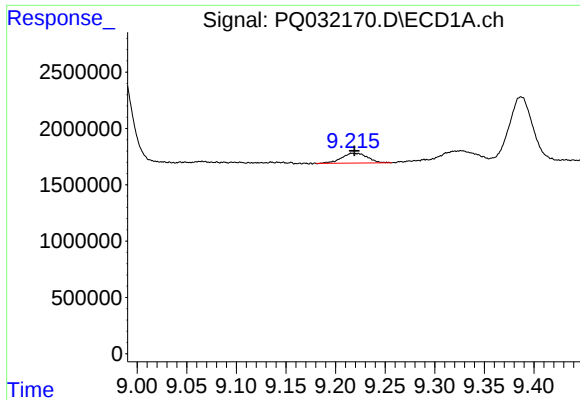
#42 AR-1268-2

R.T.: 8.964 min
Delta R.T.: -0.019 min
Response: 31654634
Conc: 100.28 ng/ml



#42 AR-1268-2

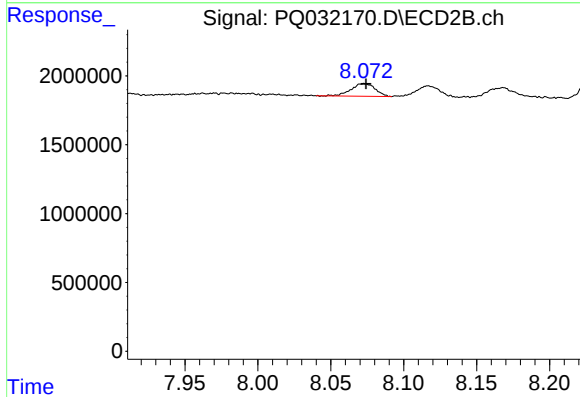
R.T.: 7.864 min
Delta R.T.: -0.002 min
Response: 61932007
Conc: 205.71 ng/ml



#43 AR-1268-3

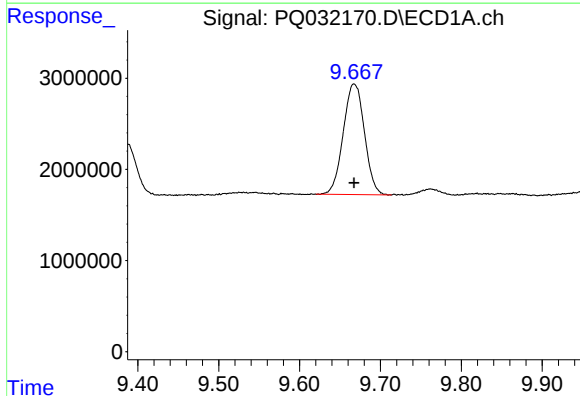
R.T.: 9.217 min
Delta R.T.: -0.002 min
Response: 1568709
Conc: 5.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



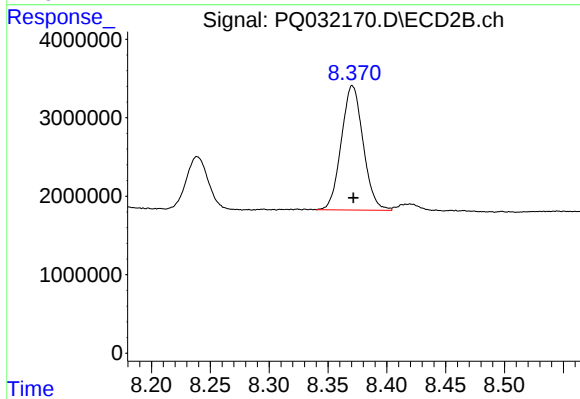
#43 AR-1268-3

R.T.: 8.073 min
Delta R.T.: -0.001 min
Response: 1060800
Conc: 4.26 ng/ml



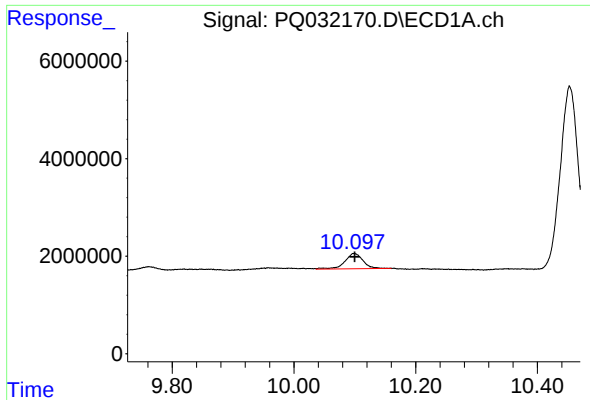
#44 AR-1268-4

R.T.: 9.667 min
Delta R.T.: 0.000 min
Response: 22107106
Conc: 190.47 ng/ml



#44 AR-1268-4

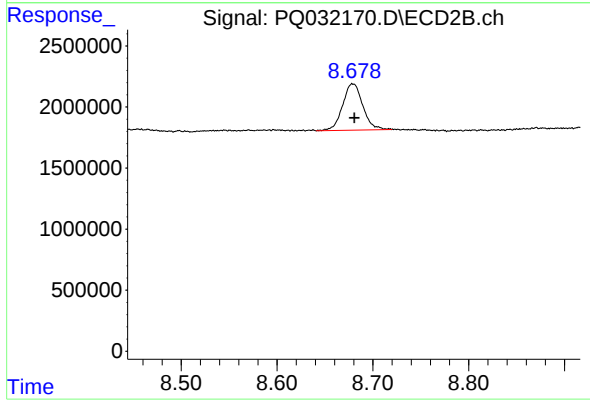
R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 20491873
Conc: 189.64 ng/ml



#45 AR-1268-5

R.T.: 10.098 min
Delta R.T.: -0.001 min
Response: 6489305
Conc: 7.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.679 min
Delta R.T.: -0.002 min
Response: 5583404
Conc: 7.04 ng/ml