

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112619\
 Data File : PQ045462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2019 01:01
 Operator : SM\AJ
 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 27 02:04:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 26 06:05:49 2019
 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...	5.097	4.305	71583961	40747848	21.761	23.890
2)	SA Decachlor...	11.148	9.714	242.1E6	201.8E6	37.108	38.577
Target Compounds							
3)	L1 AR-1016-1	6.410	5.584	58690487	34652907	476.824	497.953
4)	L1 AR-1016-2	6.433	5.604	93204468	51047938	477.534	481.382
5)	L1 AR-1016-3	6.500	5.801	57140906	26433043	470.700	498.150
6)	L1 AR-1016-4	6.606	5.849	46454414	19401349	480.648	415.042
7)	L1 AR-1016-5	6.920	6.083	47069010	31510580	463.331	496.870
8)	L2 AR-1221-1	5.339	4.566	4368329	2737519	122.891	130.979
9)	L2 AR-1221-2	5.442	4.670	5636771	3281519	212.436	255.632
10)	L2 AR-1221-3	5.528	4.761	24972392	15304702	276.575	319.011
11)	L3 AR-1232-1	5.528	4.761	24972392	15304702	392.950	431.903
12)	L3 AR-1232-2	6.117	5.604	44016707	51047938	1100.384	1150.153
13)	L3 AR-1232-3	6.433	5.801	93204468	26433043	1157.144	1193.575
14)	L3 AR-1232-4	6.606	5.894	46454414	27523163	1175.316	1219.686
15)	L3 AR-1232-5	6.704	6.083	43004727	31510580	1288.092	1297.547
16)	L4 AR-1242-1	6.410	5.584	58690487	34652907	567.555	587.478
17)	L4 AR-1242-2	6.433	5.604	93204468	51047938	571.404	582.306
18)	L4 AR-1242-3	6.500	5.801	57140906	26433043	558.681	586.597
19)	L4 AR-1242-4	6.606	5.894	46454414	27523163	577.854	567.039
20)	L4 AR-1242-5	7.386	6.464	12797133	27074268	136.368	390.140 #
21)	L5 AR-1248-1	6.410	5.584	58690487	34652907	724.325	748.848
22)	L5 AR-1248-2	6.704	5.849	43004727	19401349	338.389	287.824
23)	L5 AR-1248-3	6.920	5.894	47069010	27523163	337.998	387.578
24)	L5 AR-1248-4	7.345	6.083	11427008	31510580	70.377	362.295 #
25)	L5 AR-1248-5	7.386	6.508	12797133	7165408	81.694	75.793
26)	L6 AR-1254-1	7.317	6.464	37961101	27074268	230.746	186.560
27)	L6 AR-1254-2	7.544	6.623	42030564	26696503	160.355	199.543
28)	L6 AR-1254-3	7.926	7.064	24596499	49916438	86.032	208.241 #
29)	L6 AR-1254-4	8.219	7.288	18785431	7822512	86.695	46.849 #
30)	L6 AR-1254-5	8.648	7.721	147.8E6	111.3E6	600.733	432.050 #
31)	L7 AR-1260-1	8.094	7.185	82582187	71881795	386.548	469.595
32)	L7 AR-1260-2	8.357	7.381	111.9E6	95021412	459.190	475.674
33)	L7 AR-1260-3	8.723	7.541	90459886	86886449	456.320	472.244
34)	L7 AR-1260-4	8.957	8.026	102.4E6	84046283	447.973	463.244
35)	L7 AR-1260-5	9.288	8.273	209.3E6	226.2E6	402.282	442.118
36)	L8 AR-1262-1	8.782	7.721	47865937	111.3E6	346.175	763.181 #
37)	L8 AR-1262-2	9.288	8.273	209.3E6	226.2E6	322.948	347.662
38)	L8 AR-1262-3	9.627	8.561	138.9E6	52482456	303.589	197.012 #
39)	L8 AR-1262-4	9.684	8.627	92809034	175.7E6	254.562	335.644 #
40)	L8 AR-1262-5	10.380	9.139	71008735	68429847	249.136	248.824
41)	L9 AR-1268-1	9.627	8.561	138.9E6	52482456	164.377	65.351 #

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 Acq On : 27 Nov 2019 01:01
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

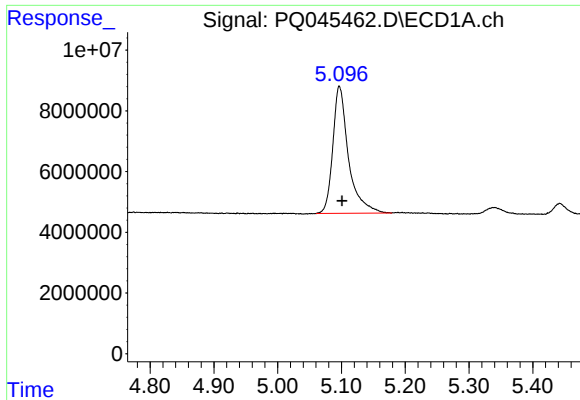
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 02:04:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ112519CLP.M
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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	9.684	8.627	92809034	175.7E6	112.201	231.012 #
43) L9	AR-1268-3	9.937	8.835	4201997	3912151	5.985	6.260
44) L9	AR-1268-4	10.380	9.139	71008735	68429847	216.007	215.020
45) L9	AR-1268-5	10.804	9.447	21082492	19522602	7.830	8.090

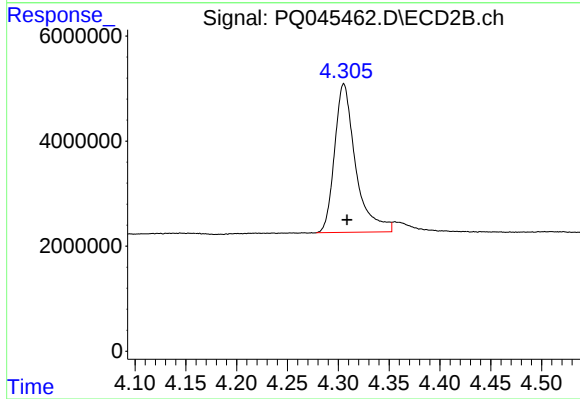
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

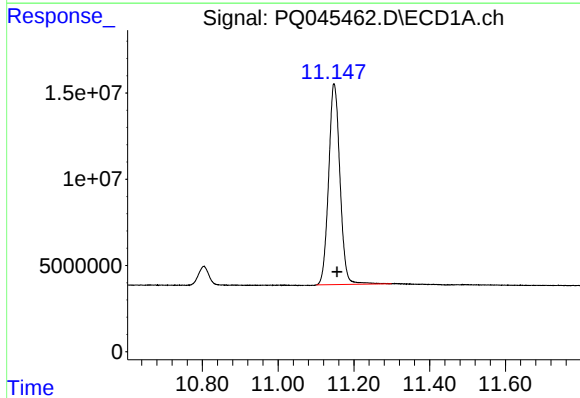
R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 71583961
Conc: 21.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



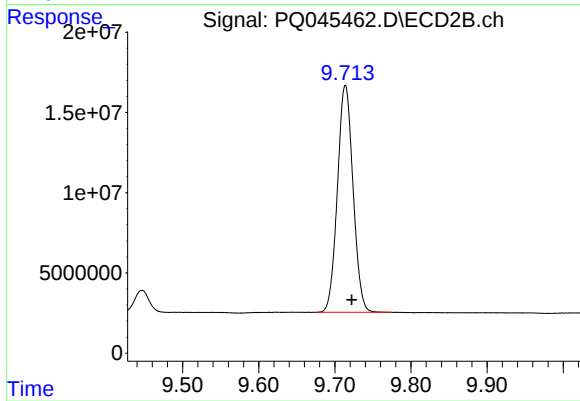
#1 Tetrachloro-m-xylene

R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 40747848
Conc: 23.89 ng/ml



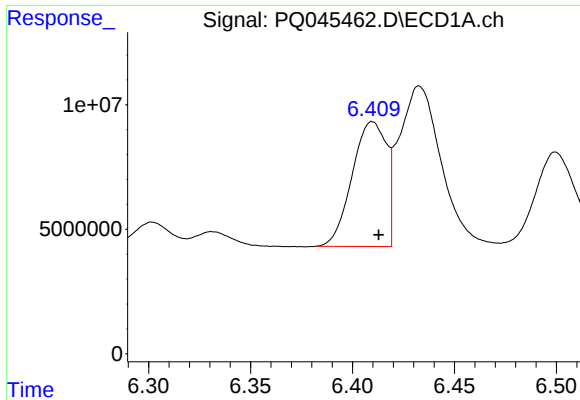
#2 Decachlorobiphenyl

R.T.: 11.148 min
Delta R.T.: -0.007 min
Response: 242142326
Conc: 37.11 ng/ml



#2 Decachlorobiphenyl

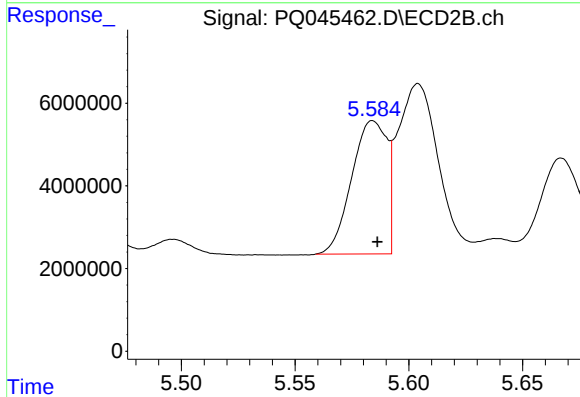
R.T.: 9.714 min
Delta R.T.: -0.008 min
Response: 201842568
Conc: 38.58 ng/ml



#3 AR-1016-1

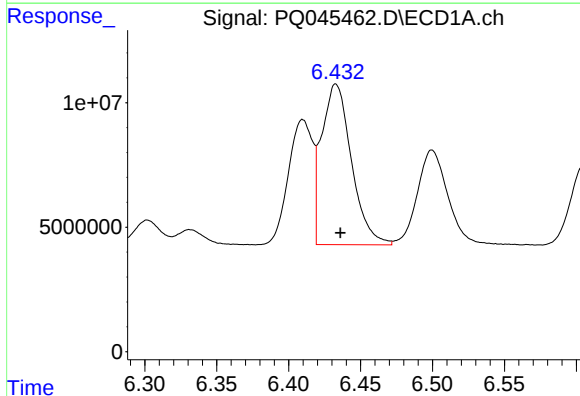
R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 58690487
Conc: 476.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



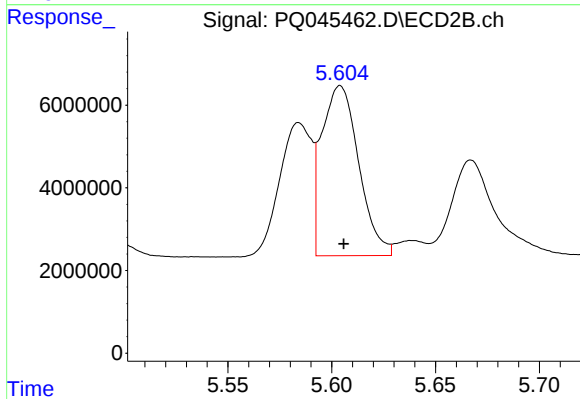
#3 AR-1016-1

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 34652907
Conc: 497.95 ng/ml



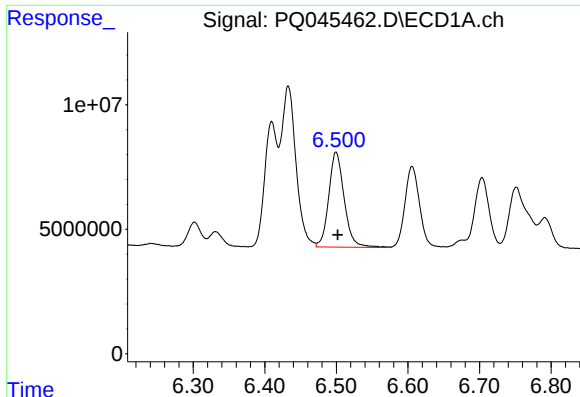
#4 AR-1016-2

R.T.: 6.433 min
Delta R.T.: -0.003 min
Response: 93204468
Conc: 477.53 ng/ml



#4 AR-1016-2

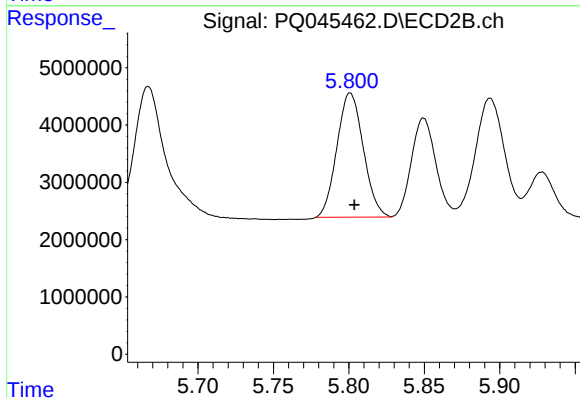
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 51047938
Conc: 481.38 ng/ml



#5 AR-1016-3

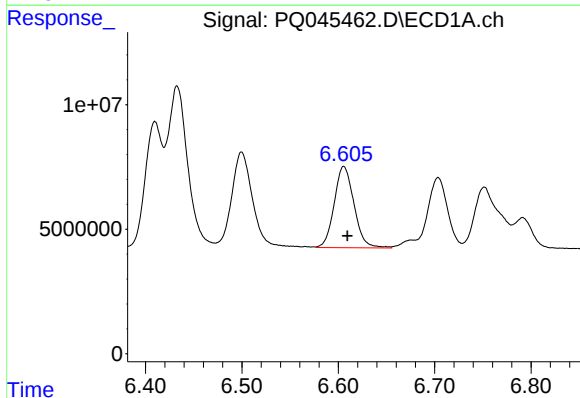
R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 57140906
Conc: 470.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



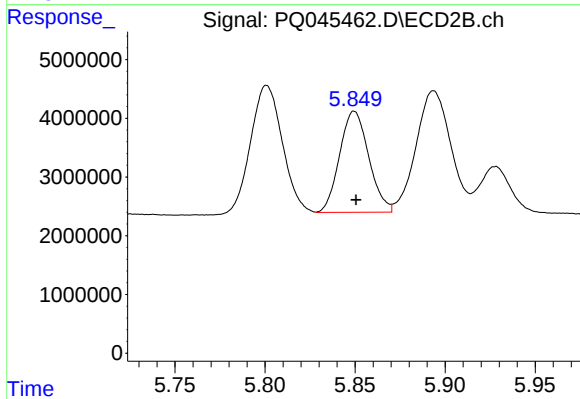
#5 AR-1016-3

R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 26433043
Conc: 498.15 ng/ml



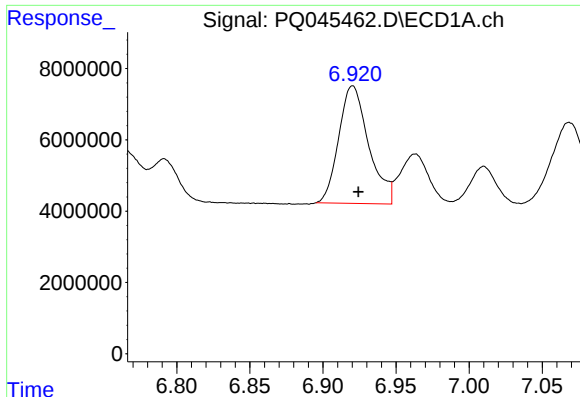
#6 AR-1016-4

R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 46454414
Conc: 480.65 ng/ml



#6 AR-1016-4

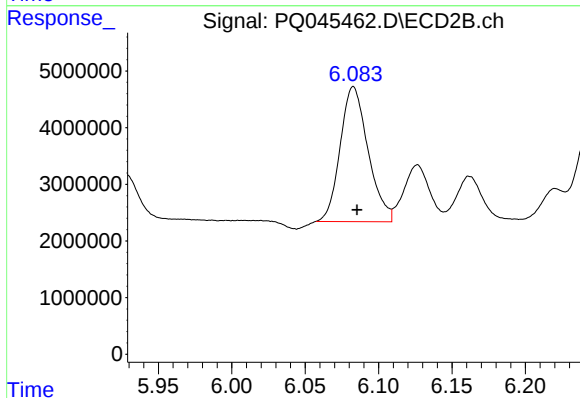
R.T.: 5.849 min
Delta R.T.: -0.001 min
Response: 19401349
Conc: 415.04 ng/ml



#7 AR-1016-5

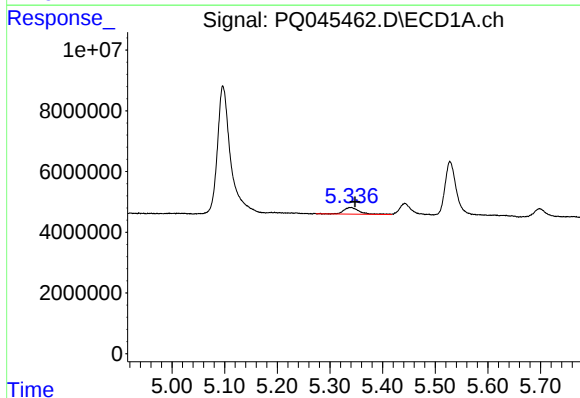
R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 47069010
Conc: 463.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



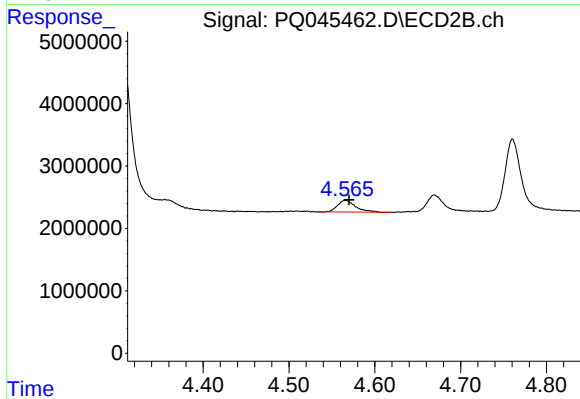
#7 AR-1016-5

R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 31510580
Conc: 496.87 ng/ml



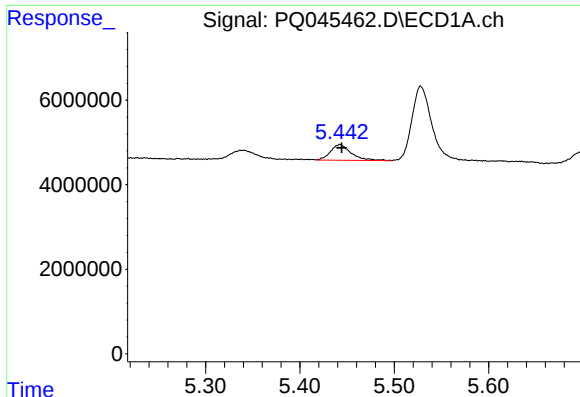
#8 AR-1221-1

R.T.: 5.339 min
Delta R.T.: -0.008 min
Response: 4368329
Conc: 122.89 ng/ml



#8 AR-1221-1

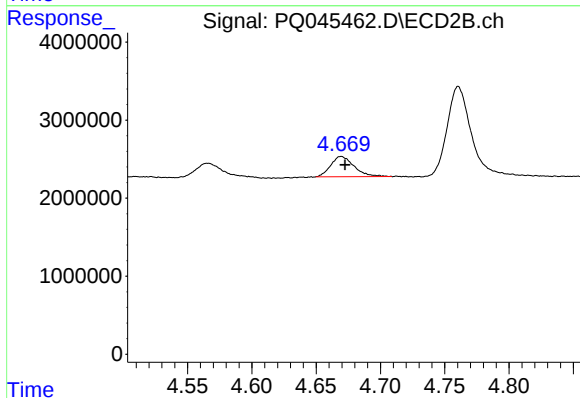
R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 2737519
Conc: 130.98 ng/ml



#9 AR-1221-2

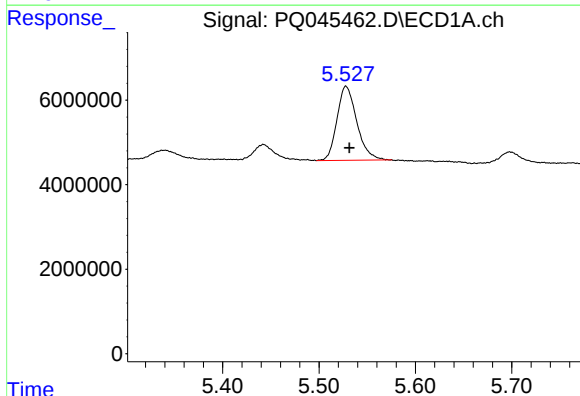
R.T.: 5.442 min
Delta R.T.: -0.002 min
Response: 5636771
Conc: 212.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



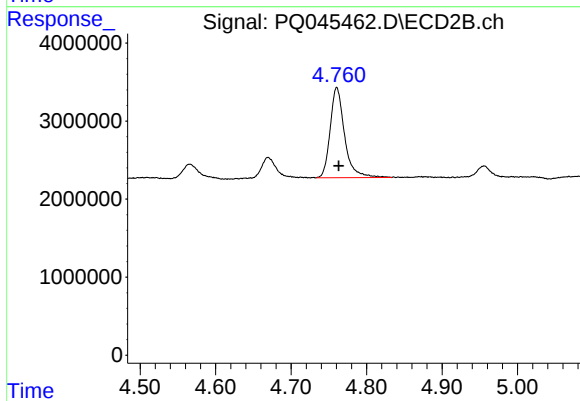
#9 AR-1221-2

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 3281519
Conc: 255.63 ng/ml



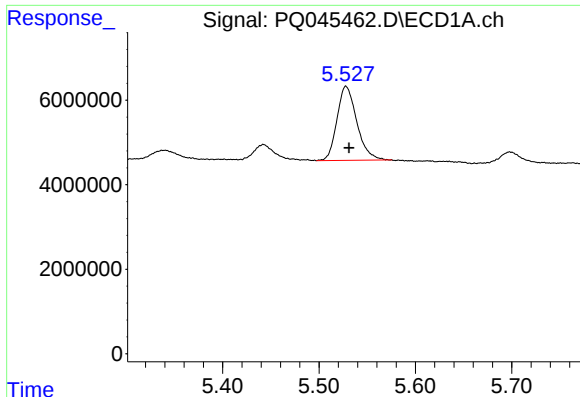
#10 AR-1221-3

R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 24972392
Conc: 276.58 ng/ml



#10 AR-1221-3

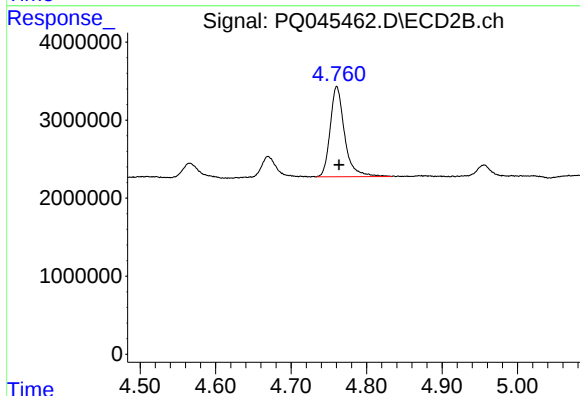
R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 15304702
Conc: 319.01 ng/ml



#11 AR-1232-1

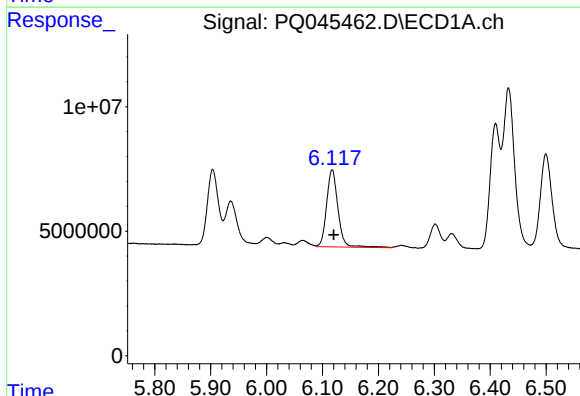
R.T.: 5.528 min
Delta R.T.: -0.003 min
Response: 24972392
Conc: 392.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



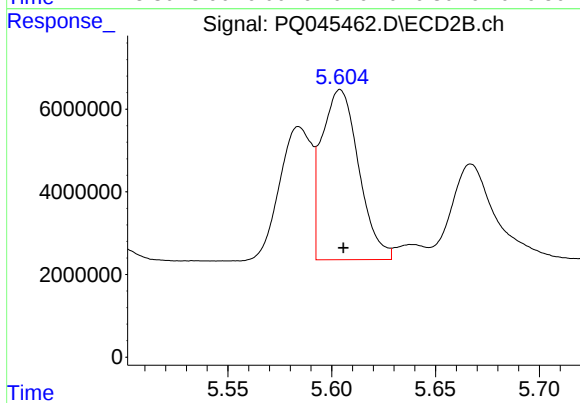
#11 AR-1232-1

R.T.: 4.761 min
Delta R.T.: -0.003 min
Response: 15304702
Conc: 431.90 ng/ml



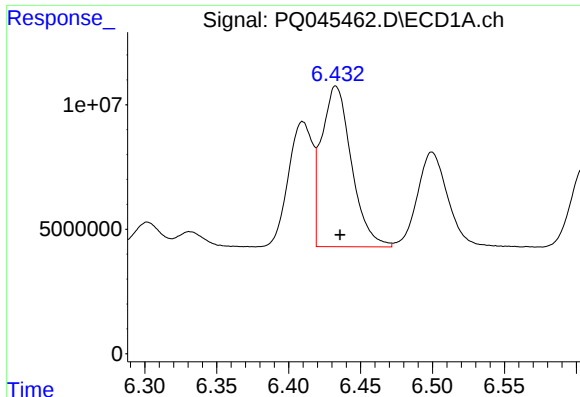
#12 AR-1232-2

R.T.: 6.117 min
Delta R.T.: -0.003 min
Response: 44016707
Conc: 1100.38 ng/ml



#12 AR-1232-2

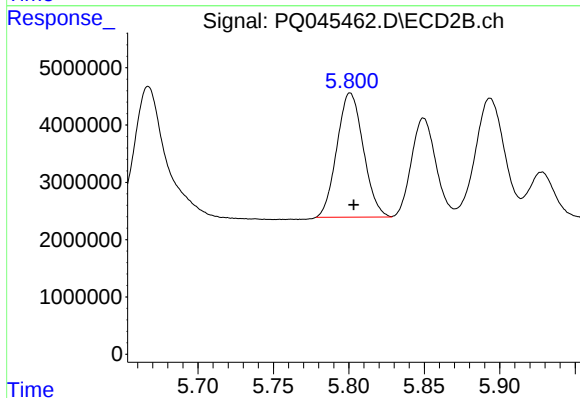
R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 51047938
Conc: 1150.15 ng/ml



#13 AR-1232-3

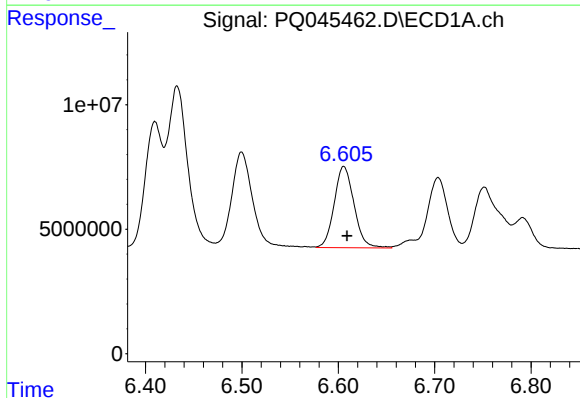
R.T.: 6.433 min
Delta R.T.: -0.003 min
Response: 93204468
Conc: 1157.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



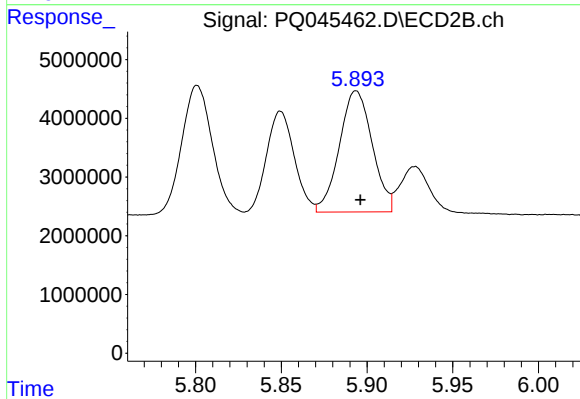
#13 AR-1232-3

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 26433043
Conc: 1193.58 ng/ml



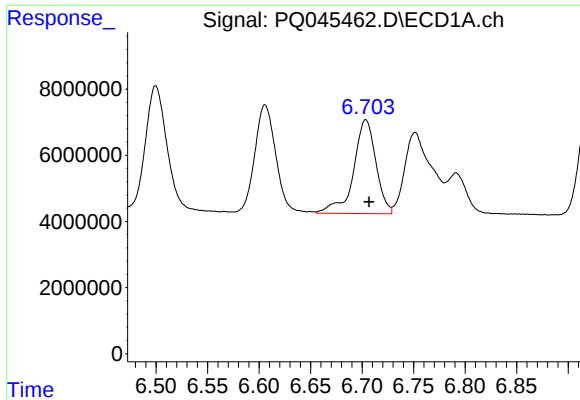
#14 AR-1232-4

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 46454414
Conc: 1175.32 ng/ml



#14 AR-1232-4

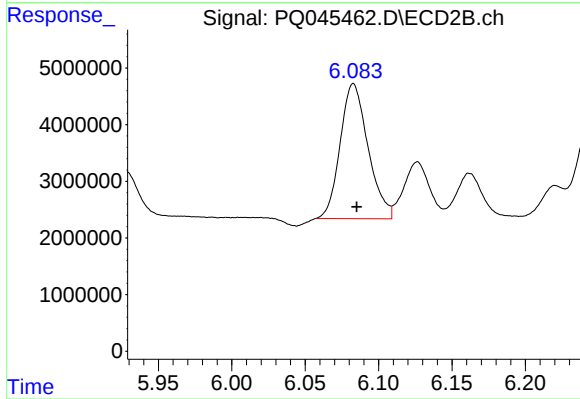
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 27523163
Conc: 1219.69 ng/ml



#15 AR-1232-5

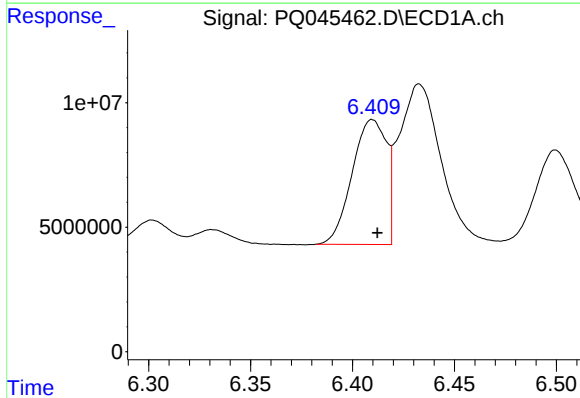
R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 43004727
Conc: 1288.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



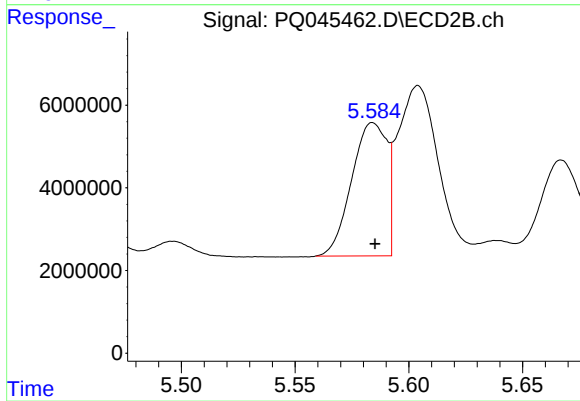
#15 AR-1232-5

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 31510580
Conc: 1297.55 ng/ml



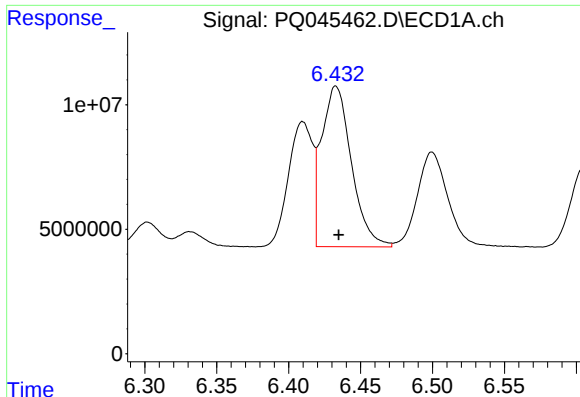
#16 AR-1242-1

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 58690487
Conc: 567.55 ng/ml



#16 AR-1242-1

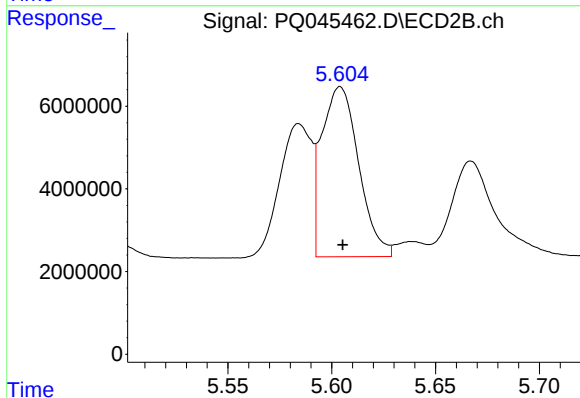
R.T.: 5.584 min
Delta R.T.: -0.001 min
Response: 34652907
Conc: 587.48 ng/ml



#17 AR-1242-2

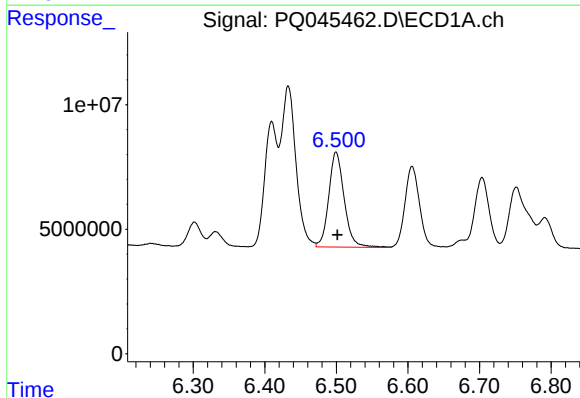
R.T.: 6.433 min
Delta R.T.: -0.002 min
Response: 93204468
Conc: 571.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



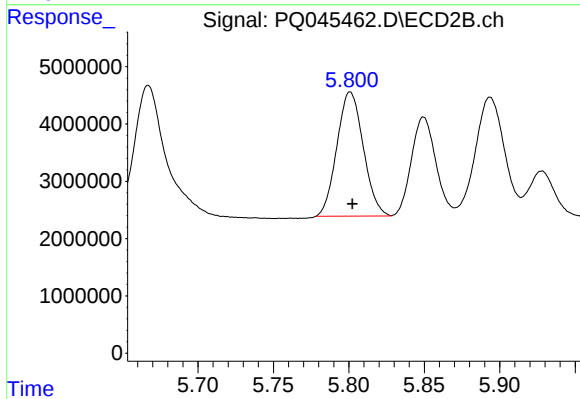
#17 AR-1242-2

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 51047938
Conc: 582.31 ng/ml



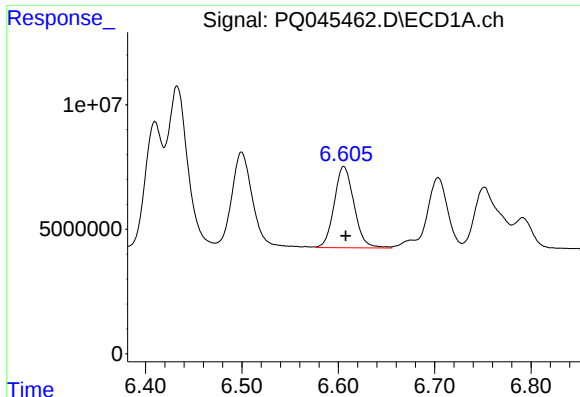
#18 AR-1242-3

R.T.: 6.500 min
Delta R.T.: -0.002 min
Response: 57140906
Conc: 558.68 ng/ml



#18 AR-1242-3

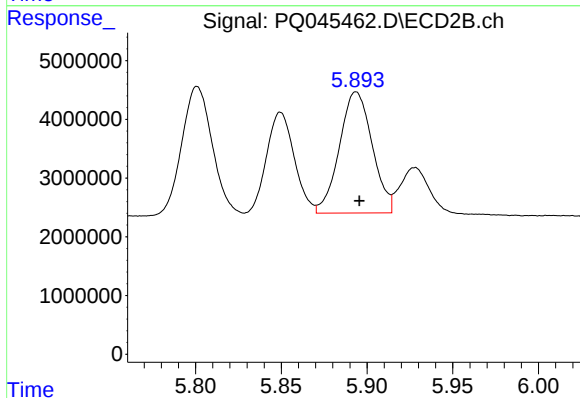
R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 26433043
Conc: 586.60 ng/ml



#19 AR-1242-4

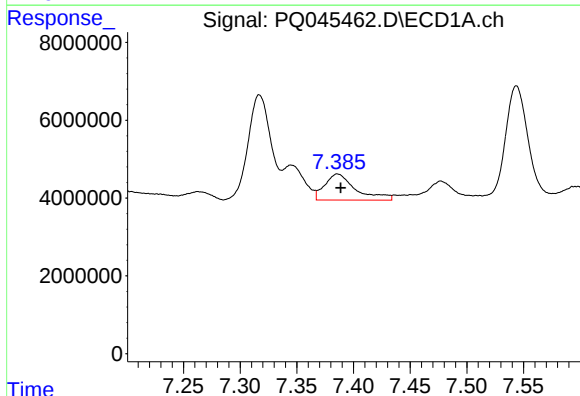
R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 46454414
Conc: 577.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



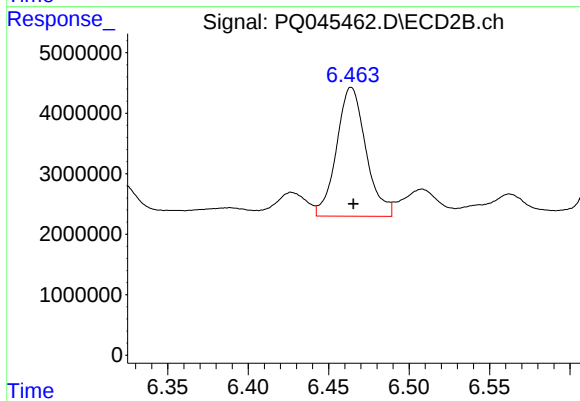
#19 AR-1242-4

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 27523163
Conc: 567.04 ng/ml



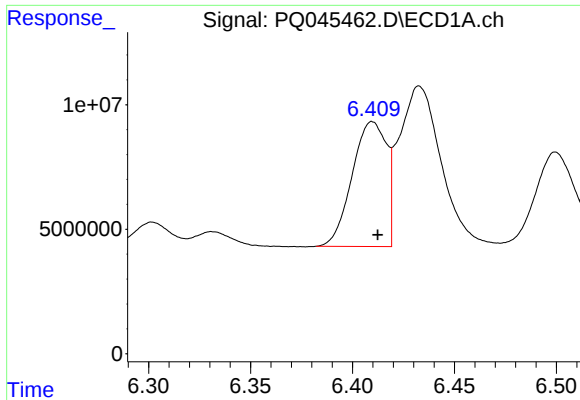
#20 AR-1242-5

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 12797133
Conc: 136.37 ng/ml



#20 AR-1242-5

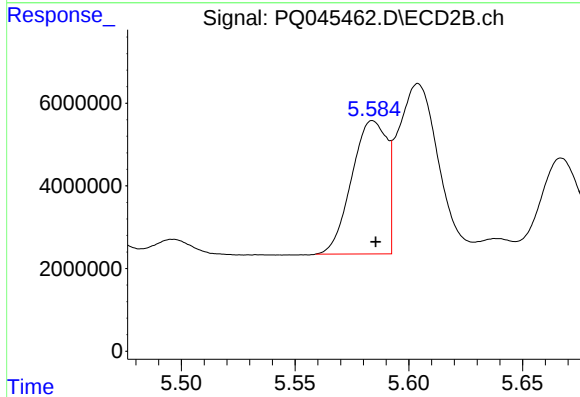
R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 27074268
Conc: 390.14 ng/ml



#21 AR-1248-1

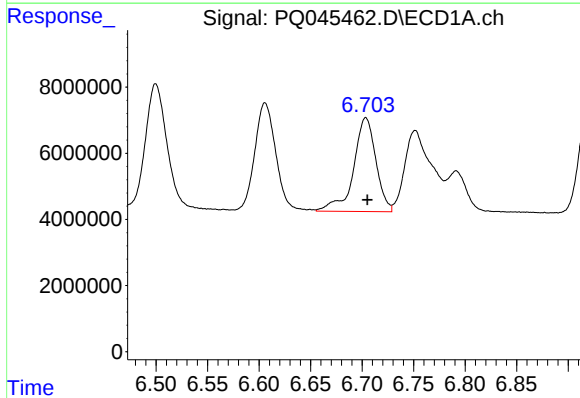
R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 58690487
Conc: 724.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



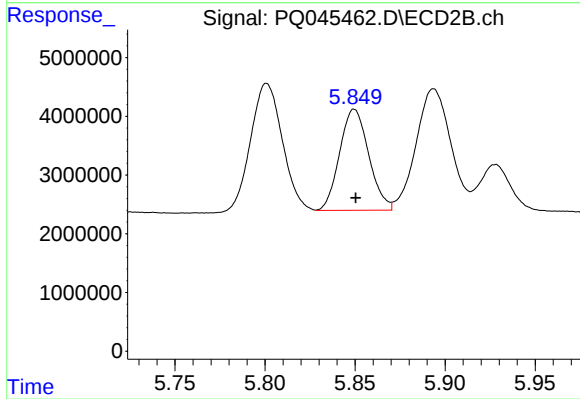
#21 AR-1248-1

R.T.: 5.584 min
Delta R.T.: -0.001 min
Response: 34652907
Conc: 748.85 ng/ml



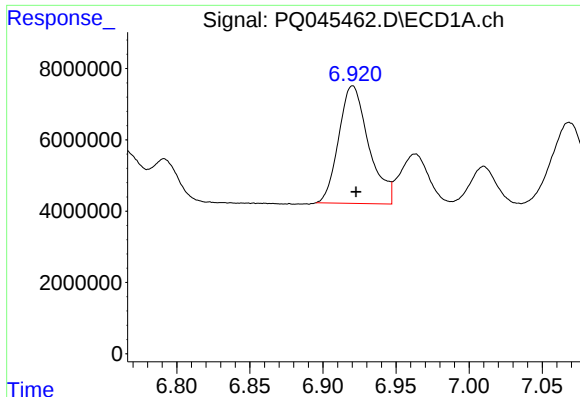
#22 AR-1248-2

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 43004727
Conc: 338.39 ng/ml



#22 AR-1248-2

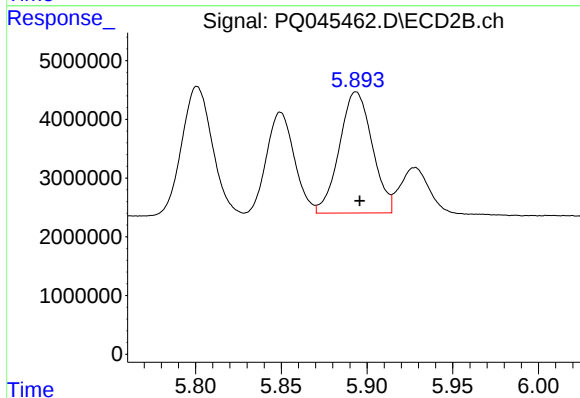
R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 19401349
Conc: 287.82 ng/ml



#23 AR-1248-3

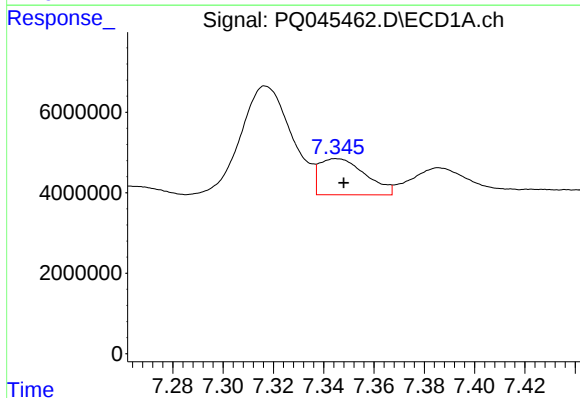
R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 47069010
Conc: 338.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



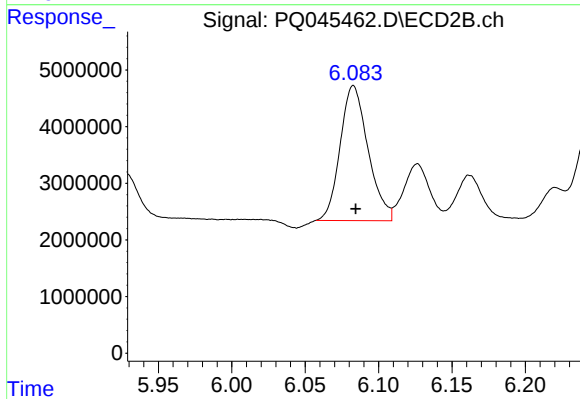
#23 AR-1248-3

R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 27523163
Conc: 387.58 ng/ml



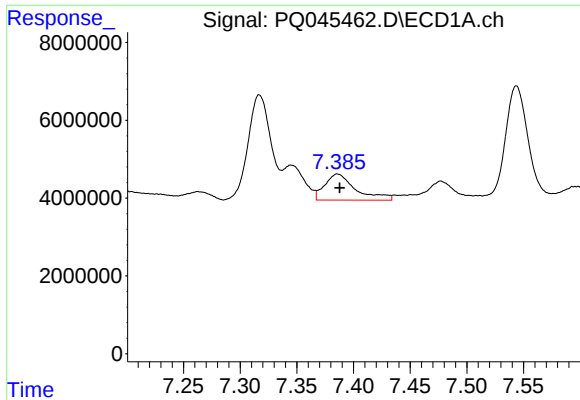
#24 AR-1248-4

R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 11427008
Conc: 70.38 ng/ml



#24 AR-1248-4

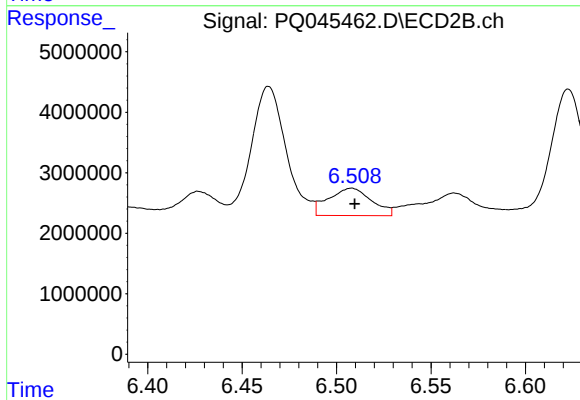
R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 31510580
Conc: 362.30 ng/ml



#25 AR-1248-5

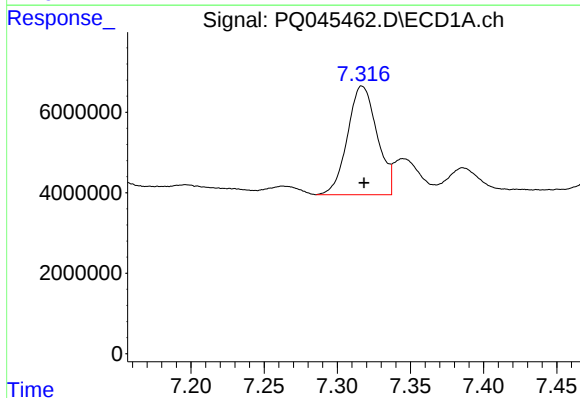
R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 12797133
Conc: 81.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



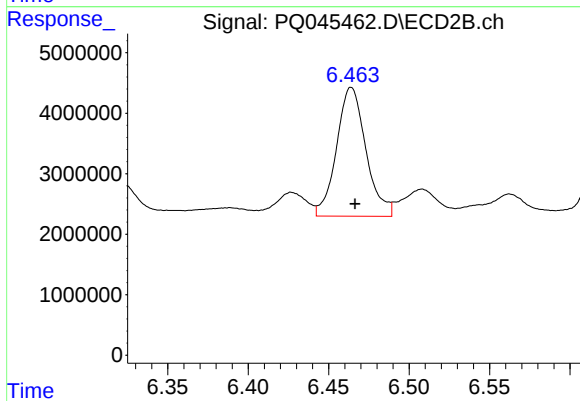
#25 AR-1248-5

R.T.: 6.508 min
Delta R.T.: -0.002 min
Response: 7165408
Conc: 75.79 ng/ml



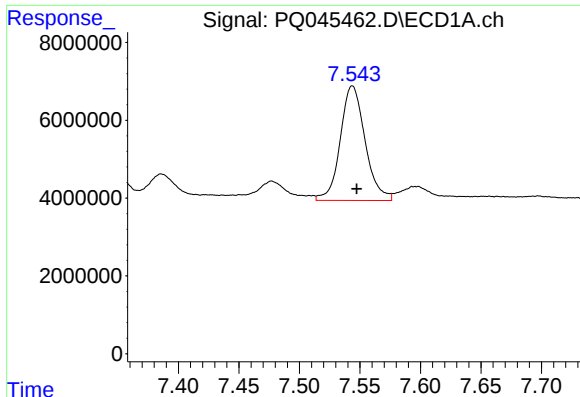
#26 AR-1254-1

R.T.: 7.317 min
Delta R.T.: -0.001 min
Response: 37961101
Conc: 230.75 ng/ml



#26 AR-1254-1

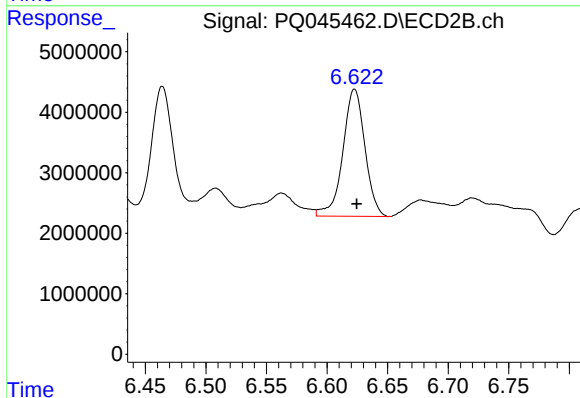
R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 27074268
Conc: 186.56 ng/ml



#27 AR-1254-2

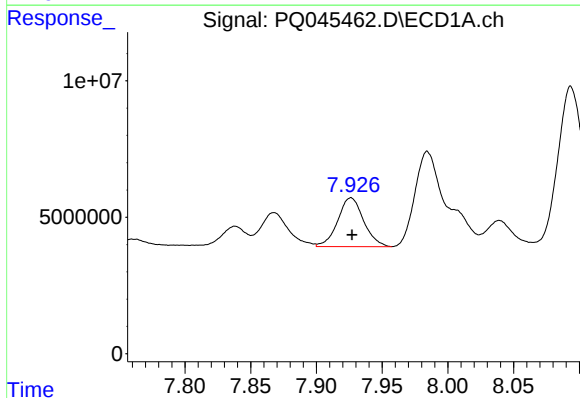
R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 42030564
Conc: 160.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



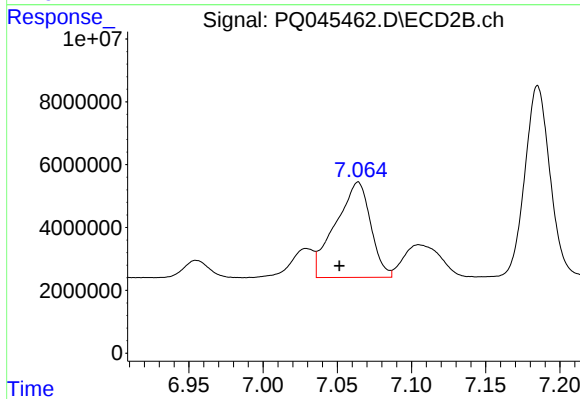
#27 AR-1254-2

R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 26696503
Conc: 199.54 ng/ml



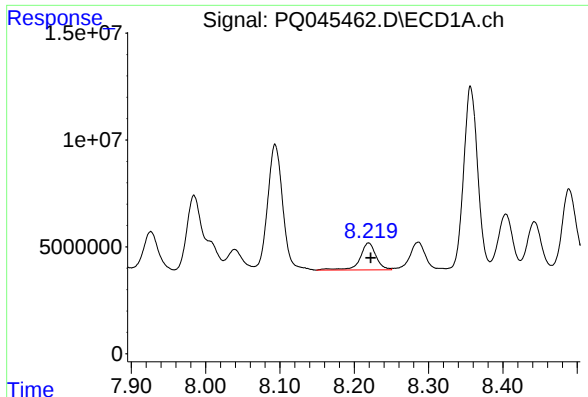
#28 AR-1254-3

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 24596499
Conc: 86.03 ng/ml



#28 AR-1254-3

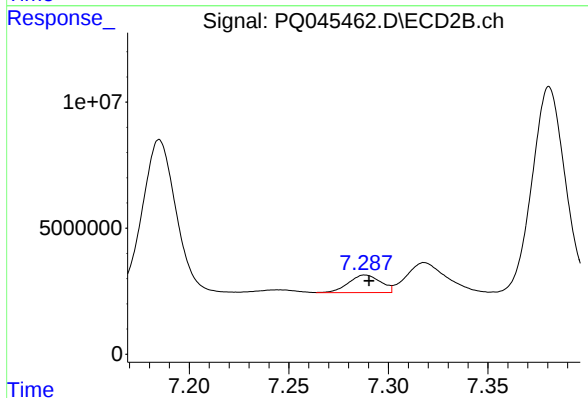
R.T.: 7.064 min
Delta R.T.: 0.013 min
Response: 49916438
Conc: 208.24 ng/ml



#29 AR-1254-4

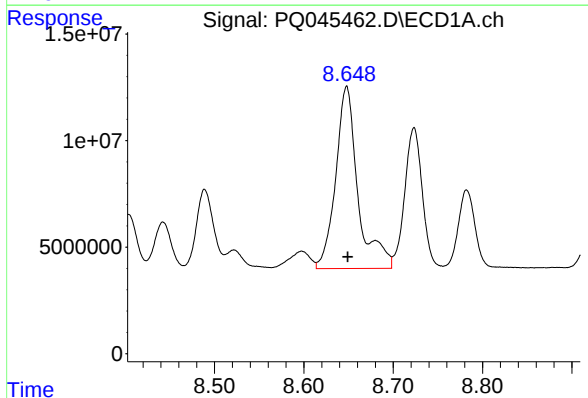
R.T.: 8.219 min
Delta R.T.: -0.003 min
Response: 18785431
Conc: 86.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



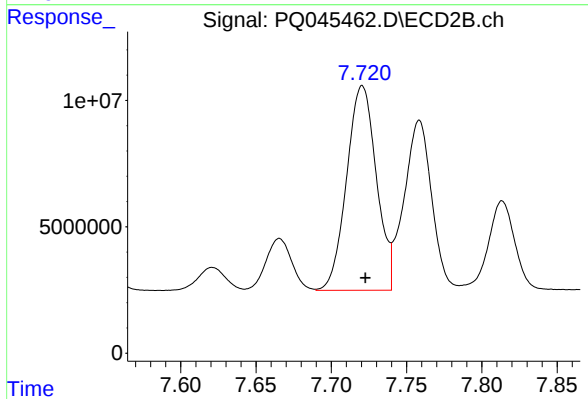
#29 AR-1254-4

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 7822512
Conc: 46.85 ng/ml



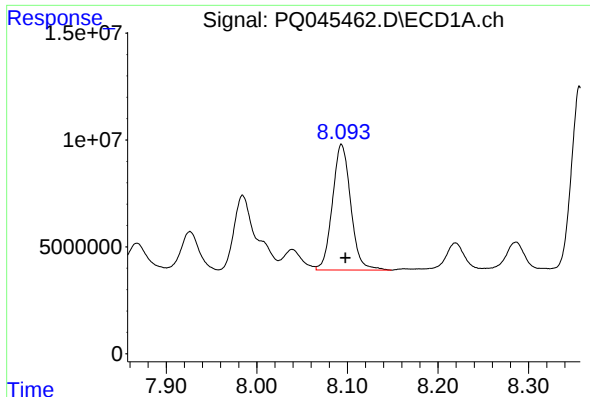
#30 AR-1254-5

R.T.: 8.648 min
Delta R.T.: -0.001 min
Response: 147825758
Conc: 600.73 ng/ml



#30 AR-1254-5

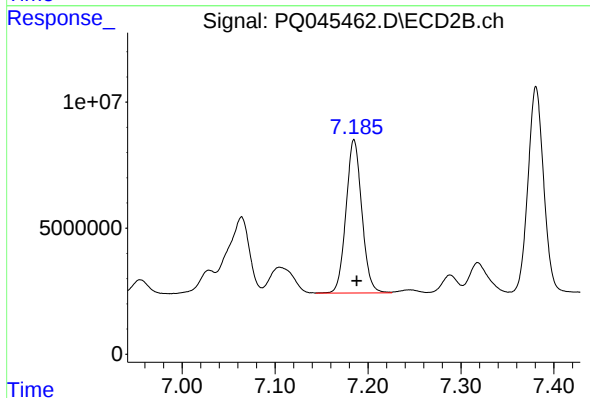
R.T.: 7.721 min
Delta R.T.: -0.002 min
Response: 111331302
Conc: 432.05 ng/ml



#31 AR-1260-1

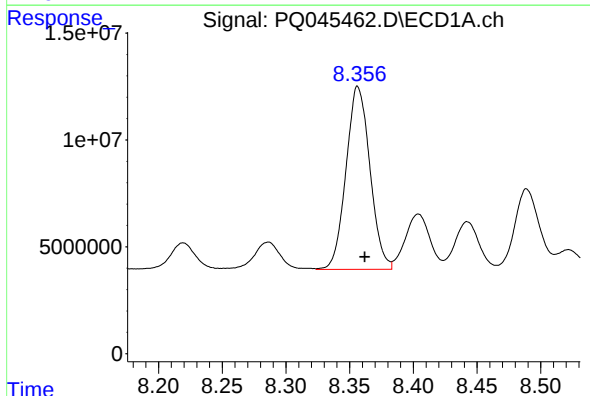
R.T.: 8.094 min
Delta R.T.: -0.004 min
Response: 82582187
Conc: 386.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



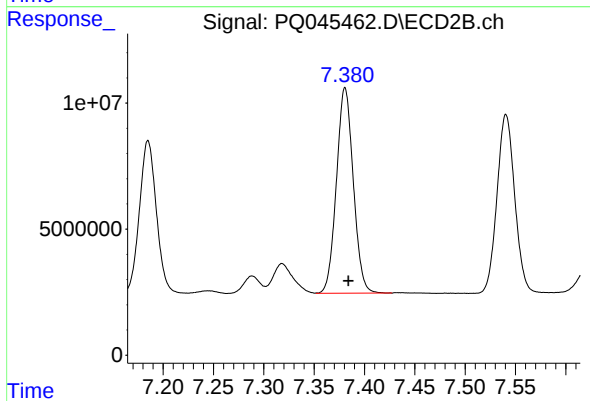
#31 AR-1260-1

R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 71881795
Conc: 469.59 ng/ml



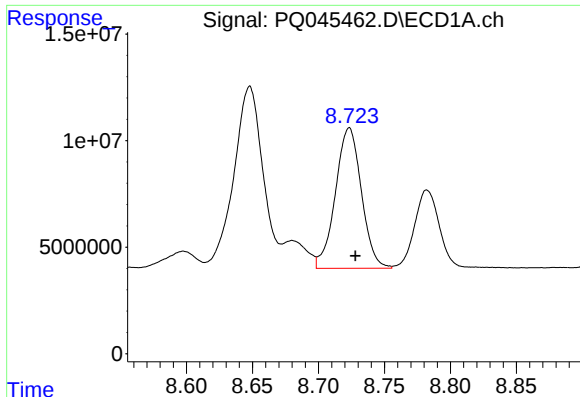
#32 AR-1260-2

R.T.: 8.357 min
Delta R.T.: -0.005 min
Response: 111896088
Conc: 459.19 ng/ml



#32 AR-1260-2

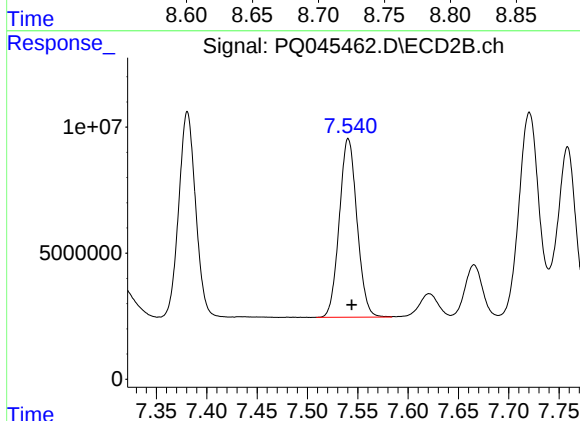
R.T.: 7.381 min
Delta R.T.: -0.003 min
Response: 95021412
Conc: 475.67 ng/ml



#33 AR-1260-3

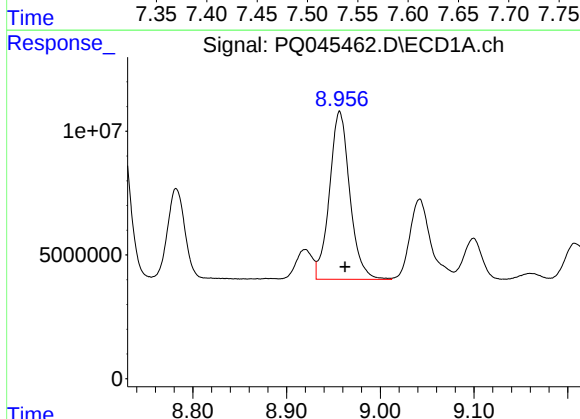
R.T.: 8.723 min
Delta R.T.: -0.005 min
Response: 90459886
Conc: 456.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



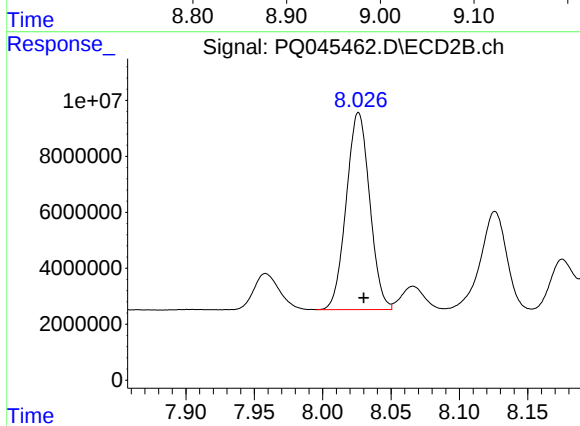
#33 AR-1260-3

R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 86886449
Conc: 472.24 ng/ml



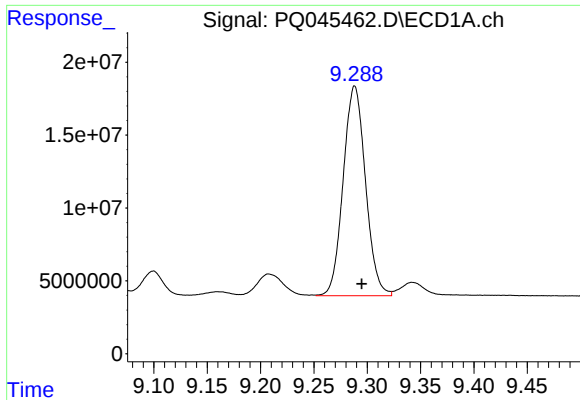
#34 AR-1260-4

R.T.: 8.957 min
Delta R.T.: -0.006 min
Response: 102413543
Conc: 447.97 ng/ml



#34 AR-1260-4

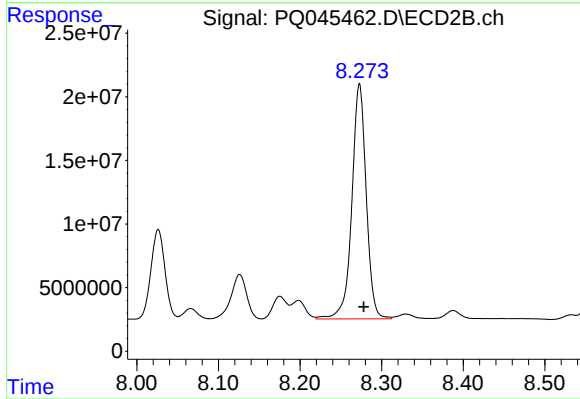
R.T.: 8.026 min
Delta R.T.: -0.004 min
Response: 84046283
Conc: 463.24 ng/ml



#35 AR-1260-5

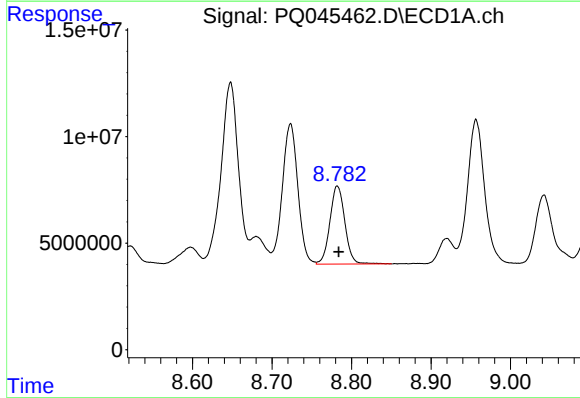
R.T.: 9.288 min
Delta R.T.: -0.007 min
Response: 209341266
Conc: 402.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



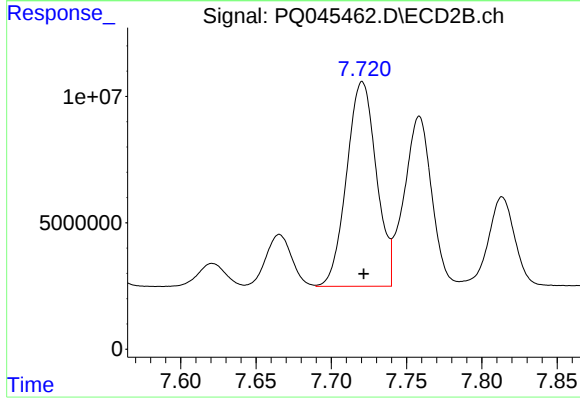
#35 AR-1260-5

R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 226198507
Conc: 442.12 ng/ml



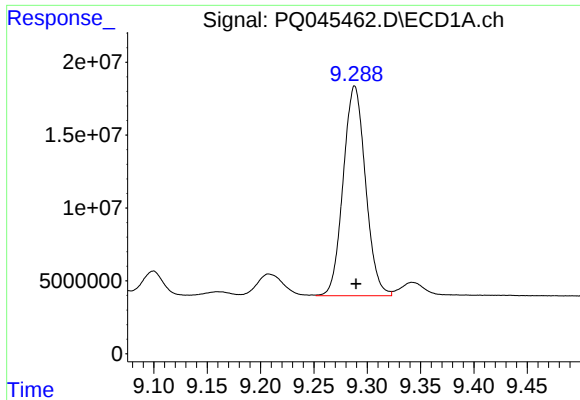
#36 AR-1262-1

R.T.: 8.782 min
Delta R.T.: -0.002 min
Response: 47865937
Conc: 346.17 ng/ml



#36 AR-1262-1

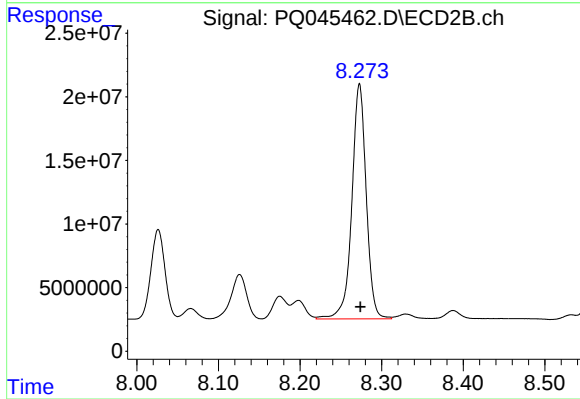
R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 111331302
Conc: 763.18 ng/ml



#37 AR-1262-2

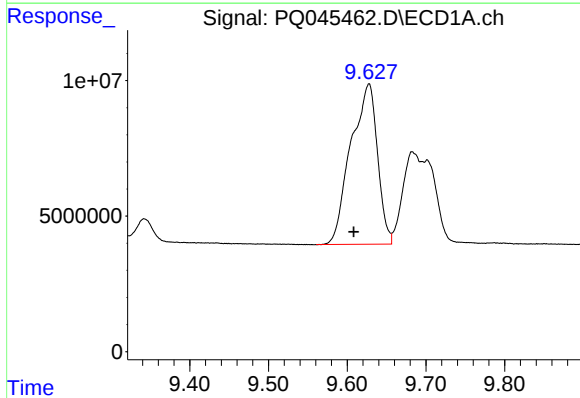
R.T.: 9.288 min
Delta R.T.: -0.001 min
Response: 209341266
Conc: 322.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



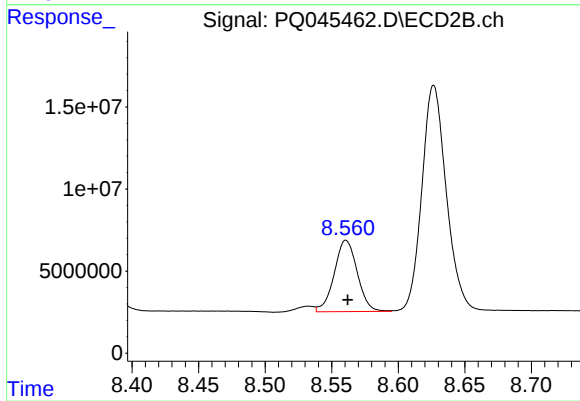
#37 AR-1262-2

R.T.: 8.273 min
Delta R.T.: -0.001 min
Response: 226198507
Conc: 347.66 ng/ml



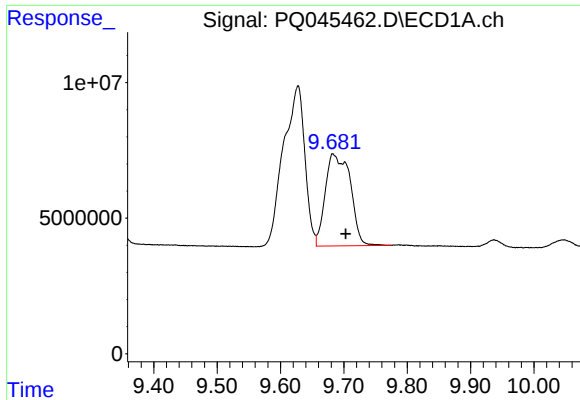
#38 AR-1262-3

R.T.: 9.627 min
Delta R.T.: 0.019 min
Response: 138899372
Conc: 303.59 ng/ml



#38 AR-1262-3

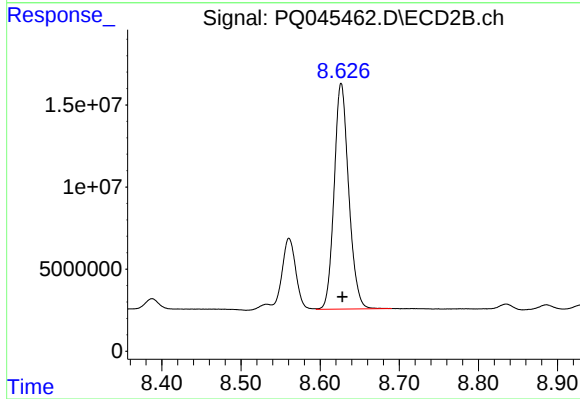
R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 52482456
Conc: 197.01 ng/ml



#39 AR-1262-4

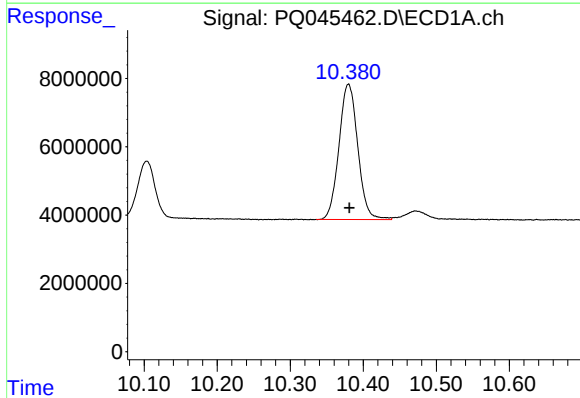
R.T.: 9.684 min
Delta R.T.: -0.019 min
Response: 92809034
Conc: 254.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



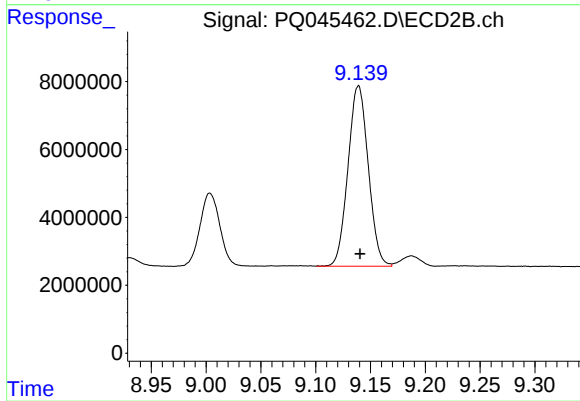
#39 AR-1262-4

R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 175709496
Conc: 335.64 ng/ml



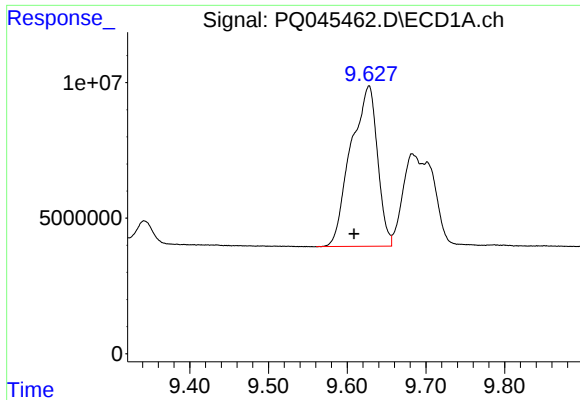
#40 AR-1262-5

R.T.: 10.380 min
Delta R.T.: -0.001 min
Response: 71008735
Conc: 249.14 ng/ml



#40 AR-1262-5

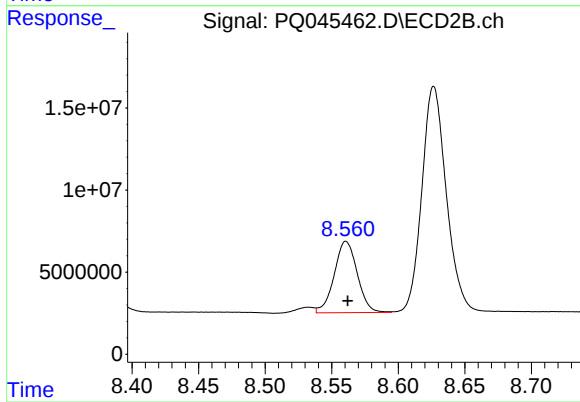
R.T.: 9.139 min
Delta R.T.: -0.002 min
Response: 68429847
Conc: 248.82 ng/ml



#41 AR-1268-1

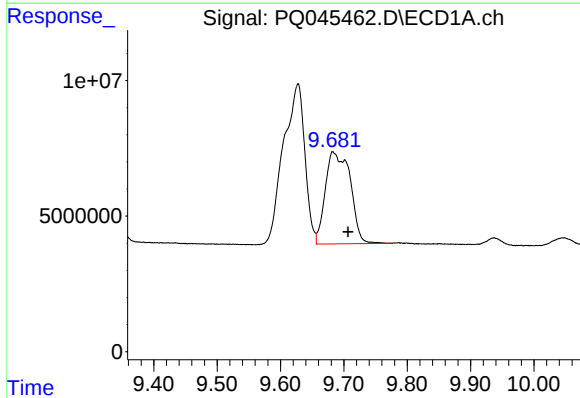
R.T.: 9.627 min
Delta R.T.: 0.019 min
Response: 138899372
Conc: 164.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



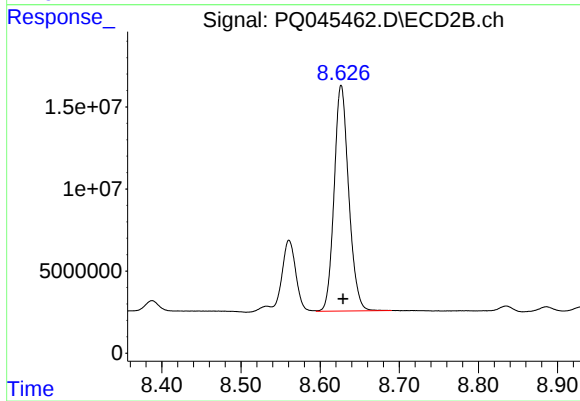
#41 AR-1268-1

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 52482456
Conc: 65.35 ng/ml



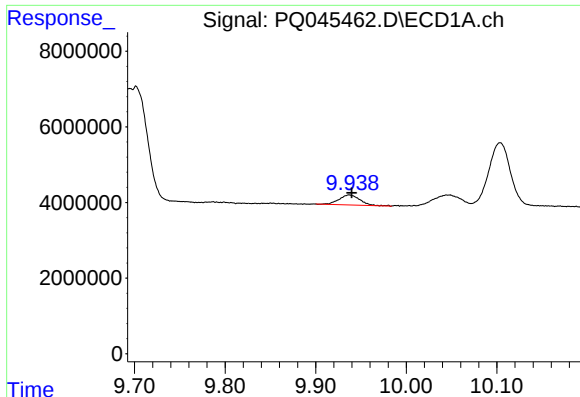
#42 AR-1268-2

R.T.: 9.684 min
Delta R.T.: -0.023 min
Response: 92809034
Conc: 112.20 ng/ml



#42 AR-1268-2

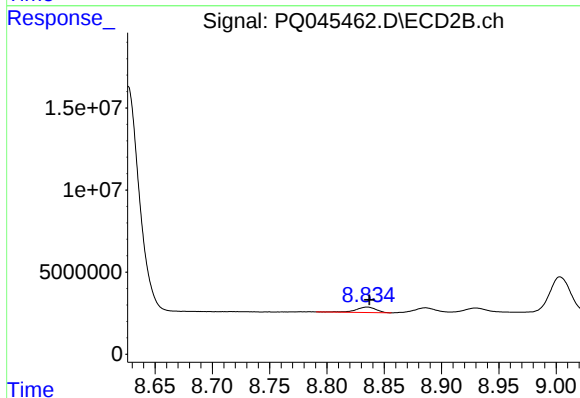
R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 175709496
Conc: 231.01 ng/ml



#43 AR-1268-3

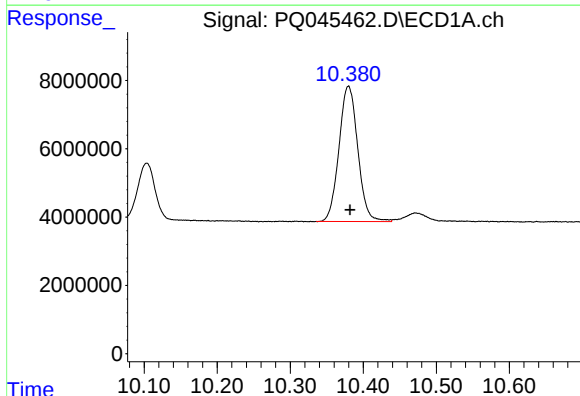
R.T.: 9.937 min
Delta R.T.: -0.003 min
Response: 4201997
Conc: 5.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



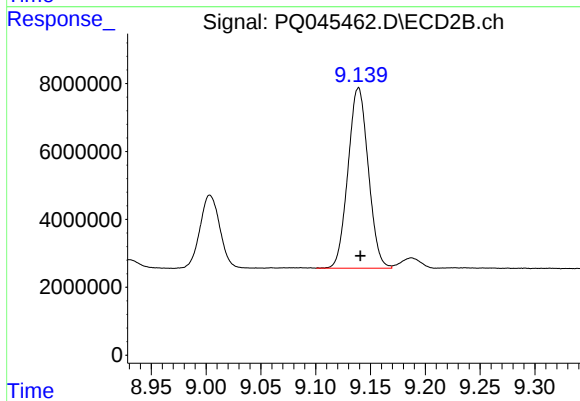
#43 AR-1268-3

R.T.: 8.835 min
Delta R.T.: -0.002 min
Response: 3912151
Conc: 6.26 ng/ml



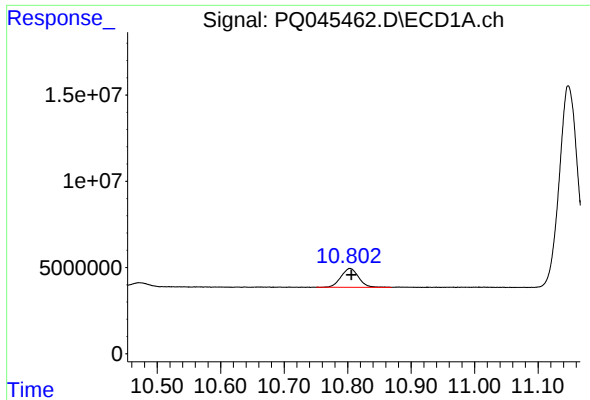
#44 AR-1268-4

R.T.: 10.380 min
Delta R.T.: -0.002 min
Response: 71008735
Conc: 216.01 ng/ml



#44 AR-1268-4

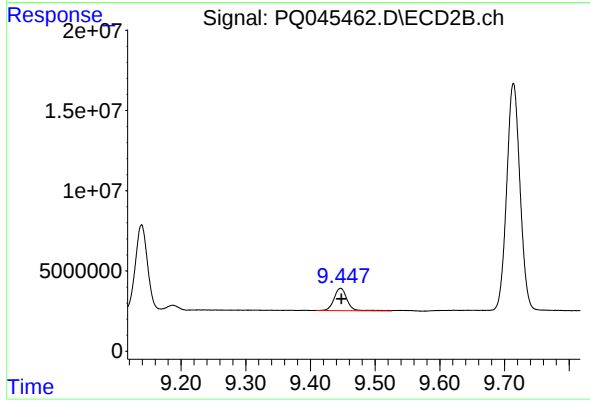
R.T.: 9.139 min
Delta R.T.: -0.002 min
Response: 68429847
Conc: 215.02 ng/ml



#45 AR-1268-5

R.T.: 10.804 min
Delta R.T.: -0.002 min
Response: 21082492
Conc: 7.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.447 min
Delta R.T.: -0.001 min
Response: 19522602
Conc: 8.09 ng/ml