

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
 Data File : PQ051285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2020 12:21
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:51:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
 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...	5.235	4.254	444.5E6	119.9E6	19.631	20.104
2)	SA Decachlor...	11.431	9.610	676.0E6	217.9E6	41.197	42.671
Target Compounds							
3)	L1 AR-1016-1	6.558	5.516	242.5E6	69836362	322.589	329.516
4)	L1 AR-1016-2	6.582	5.537	353.0E6	97256310	324.753	326.327
5)	L1 AR-1016-3	6.650	5.730	209.5E6	50098109	325.803	327.452
6)	L1 AR-1016-4	6.758	5.780	175.0E6	37391714	323.023	308.210
7)	L1 AR-1016-5	7.072	6.010	172.6E6	50737466	331.585	324.382
8)	L2 AR-1221-1	5.480	4.511	20276080	6198096	91.687	100.745
9)	L2 AR-1221-2	5.584	4.613	27492104	8307625	179.090	194.222
10)	L2 AR-1221-3	5.672	4.702	120.1E6	34272294	229.893	233.687
11)	L3 AR-1232-1	5.672	4.702	120.1E6	34272294	281.887	287.847
12)	L3 AR-1232-2	6.264	5.537	168.7E6	97256310	750.416	780.776
13)	L3 AR-1232-3	6.582	5.730	353.0E6	50098109	760.154	789.445
14)	L3 AR-1232-4	6.758	5.825	175.0E6	48127716	754.510	873.038
15)	L3 AR-1232-5	6.853	6.010	137.9E6	50737466	825.061	848.528
16)	L4 AR-1242-1	6.558	5.516	242.5E6	69836362	401.169	415.191
17)	L4 AR-1242-2	6.582	5.537	353.0E6	97256310	407.770	416.498
18)	L4 AR-1242-3	6.650	5.730	209.5E6	50098109	405.666	414.088
19)	L4 AR-1242-4	6.758	5.825	175.0E6	48127716	405.605	412.513
20)	L4 AR-1242-5	7.540	6.389	188.4E6	65891978	401.707	416.469
21)	L5 AR-1248-1	6.558	5.516	242.5E6	69836362	562.390	589.215
22)	L5 AR-1248-2	6.853	5.780	137.9E6	37391714	229.002	227.051
23)	L5 AR-1248-3	7.072	5.825	172.6E6	48127716	248.591	281.984
24)	L5 AR-1248-4	7.499	6.010	179.5E6	50737466	221.567	245.895
25)	L5 AR-1248-5	7.540	6.433	188.4E6	55774852	239.860	260.038
26)	L6 AR-1254-1	7.469	6.389	135.3E6	65891978	157.729	183.971
27)	L6 AR-1254-2	7.706	6.549	155.6E6	16934509	116.736	54.657 #
28)	L6 AR-1254-3	8.081	6.971	61356668	20330743	42.368	39.344
29)	L6 AR-1254-4	8.376	7.208	46593694	16154352	44.485	49.625
30)	L6 AR-1254-5	8.805	7.639	12118253	5870365	10.985	12.937
31)	L7 AR-1260-1	8.213f	7.120	24916991	7979740	28.595	25.928
32)	L7 AR-1260-2	8.505	7.303	10883762	2853913	10.626	7.355 #
33)	L7 AR-1260-3	0.000	7.458	0	2806399	N.D.	7.769 #
34)	L7 AR-1260-4	0.000	7.949	0	318425	N.D.	1.017 #
35)	L7 AR-1260-5	0.000	8.217	0	248724	N.D.	0.317 #
36)	L8 AR-1262-1	0.000	7.639	0	5870365	N.D.	25.237 #
37)	L8 AR-1262-2	0.000	8.217	0	248724	N.D.	0.289 #
38)	L8 AR-1262-3	0.000	8.478	0	819189	N.D.	2.614 #
39)	L8 AR-1262-4	0.000	8.536	0	823158	N.D.	1.341 #
40)	L8 AR-1262-5	0.000	9.046	0	438794	N.D.	1.579 #
41)	L9 AR-1268-1	0.000	8.478	0	819189	N.D.	0.871 #

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 Acq On : 25 Nov 2020 12:21
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

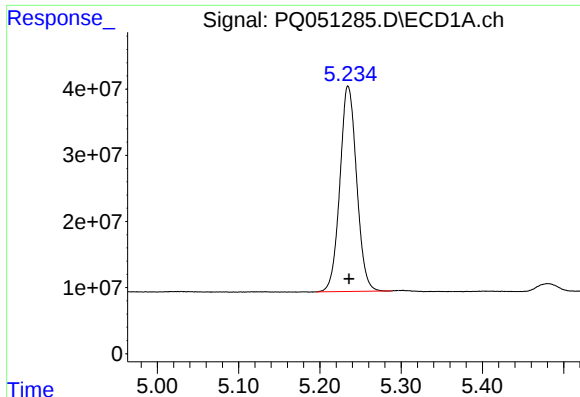
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:51:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
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 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
42) L9	AR-1268-2	0.000	8.536	0	823158	N.D.	0.927 #
43) L9	AR-1268-3	0.000	8.751	0	872509	N.D.	1.165 #
44) L9	AR-1268-4	0.000	9.046	0	438794	N.D.	1.399 #
45) L9	AR-1268-5	0.000	9.346	0	1582899	N.D.	0.650 #

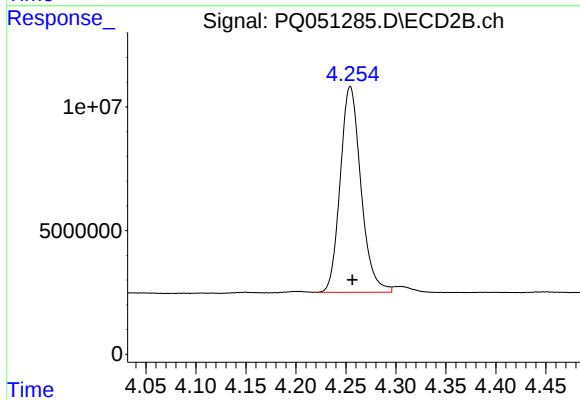
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

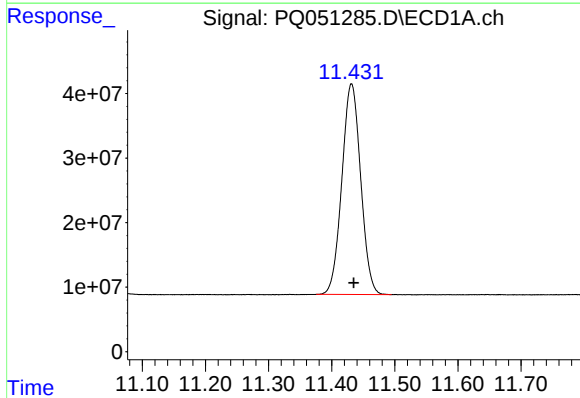
R.T.: 5.235 min
Delta R.T.: -0.001 min
Response: 444471622
Conc: 19.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



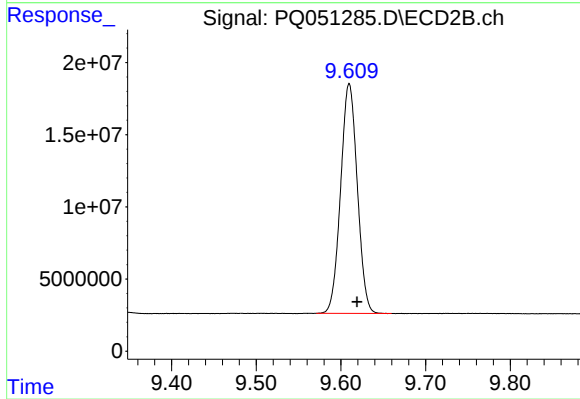
#1 Tetrachloro-m-xylene

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 119859445
Conc: 20.10 ng/ml



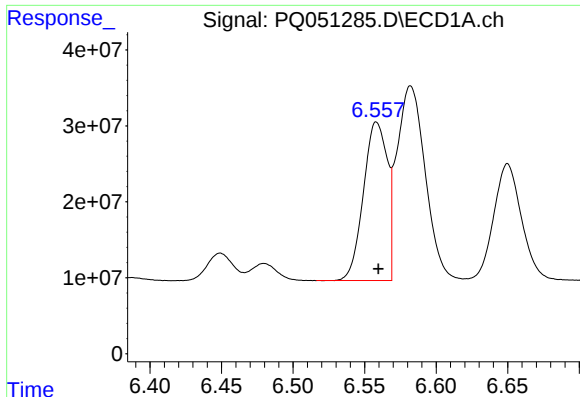
#2 Decachlorobiphenyl

R.T.: 11.431 min
Delta R.T.: -0.004 min
Response: 676007891
Conc: 41.20 ng/ml



#2 Decachlorobiphenyl

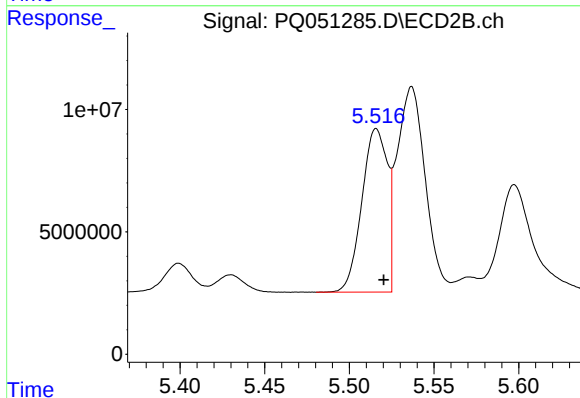
R.T.: 9.610 min
Delta R.T.: -0.009 min
Response: 217909231
Conc: 42.67 ng/ml



#3 AR-1016-1

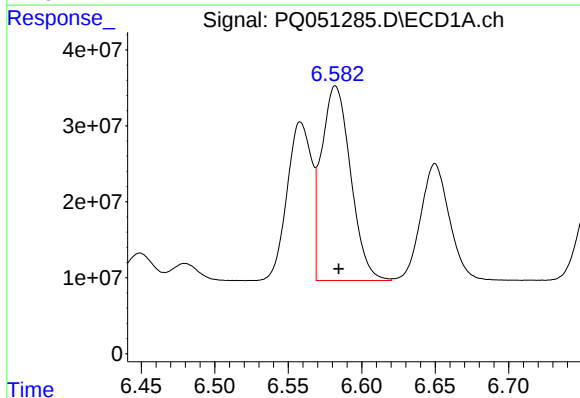
R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 242523866
Conc: 322.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



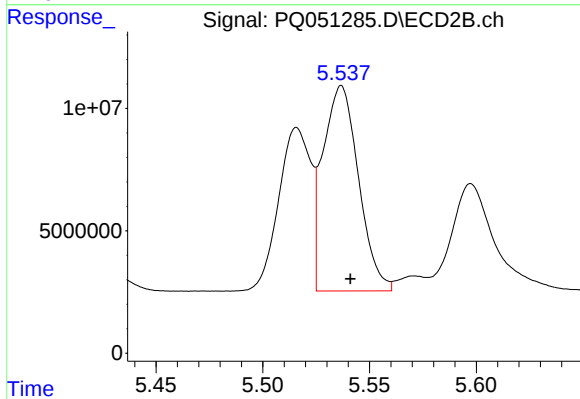
#3 AR-1016-1

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 69836362
Conc: 329.52 ng/ml



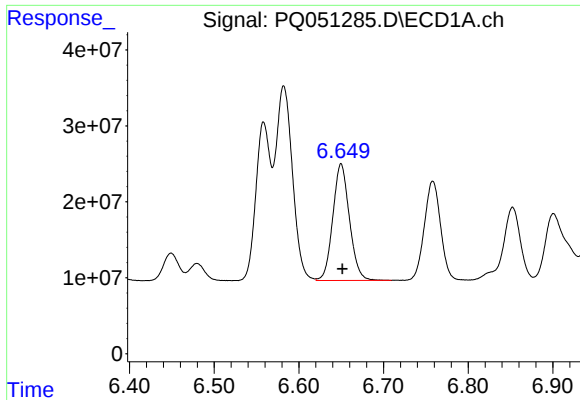
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 353010000
Conc: 324.75 ng/ml



#4 AR-1016-2

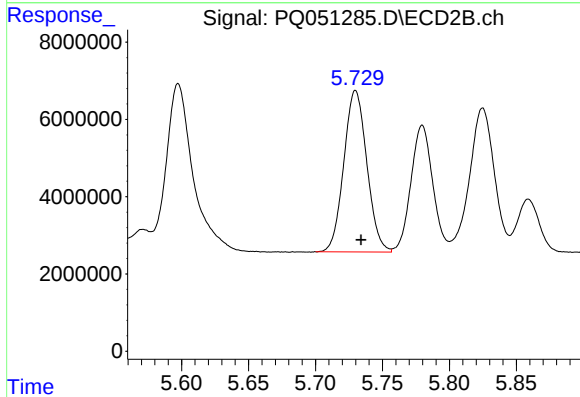
R.T.: 5.537 min
Delta R.T.: -0.004 min
Response: 97256310
Conc: 326.33 ng/ml



#5 AR-1016-3

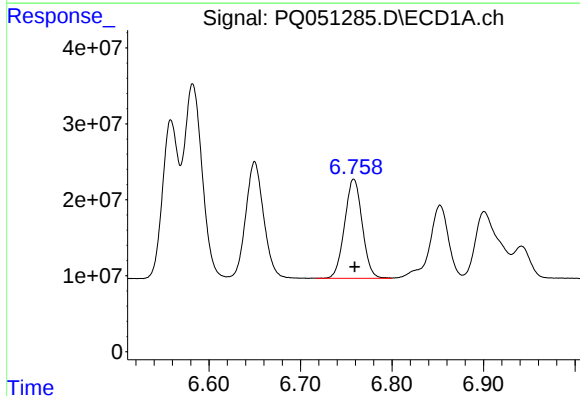
R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 209512991
Conc: 325.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



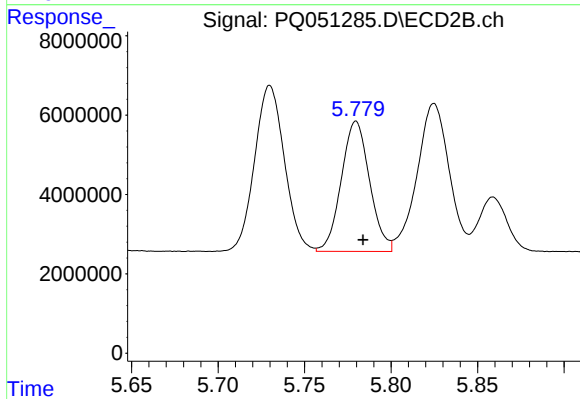
#5 AR-1016-3

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 50098109
Conc: 327.45 ng/ml



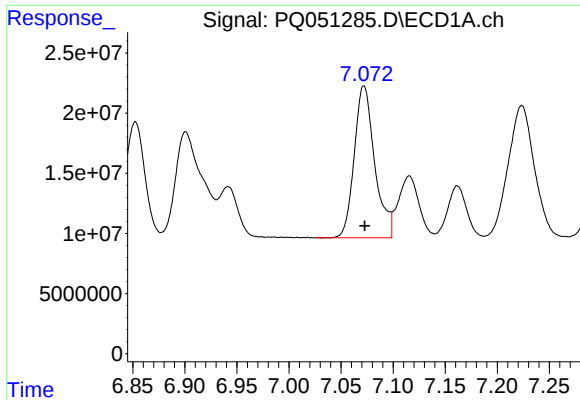
#6 AR-1016-4

R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 174958848
Conc: 323.02 ng/ml



#6 AR-1016-4

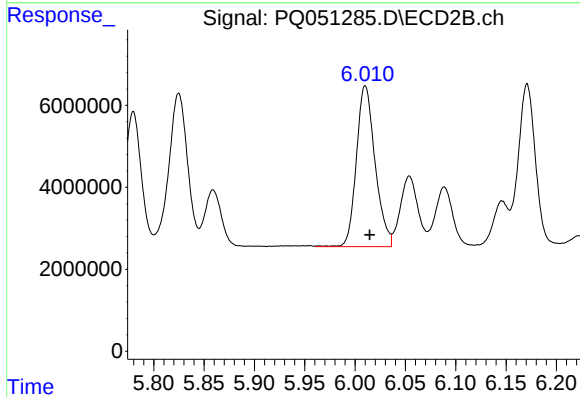
R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 37391714
Conc: 308.21 ng/ml



#7 AR-1016-5

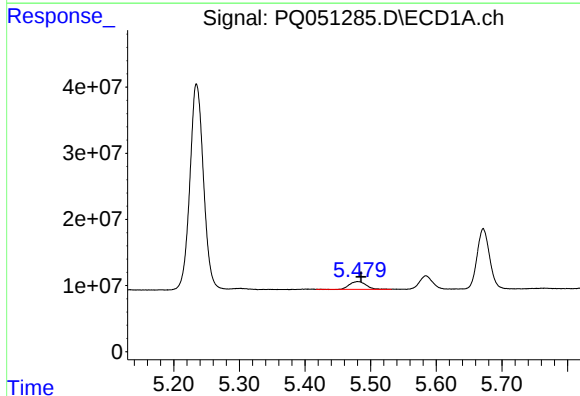
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 172619306
Conc: 331.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



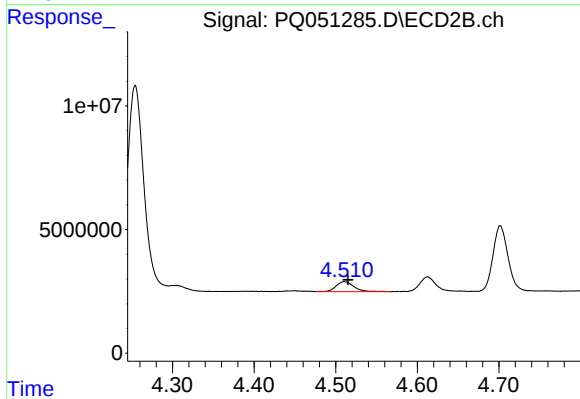
#7 AR-1016-5

R.T.: 6.010 min
Delta R.T.: -0.005 min
Response: 50737466
Conc: 324.38 ng/ml



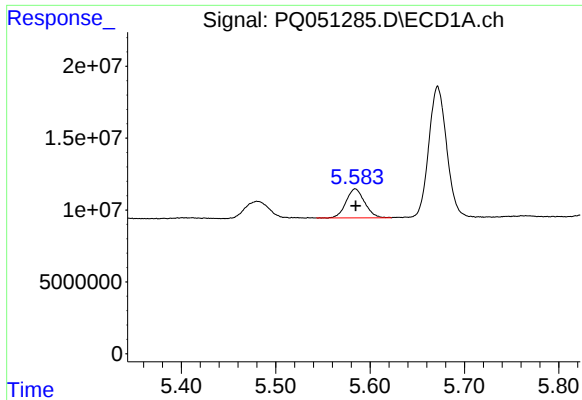
#8 AR-1221-1

R.T.: 5.480 min
Delta R.T.: -0.005 min
Response: 20276080
Conc: 91.69 ng/ml



#8 AR-1221-1

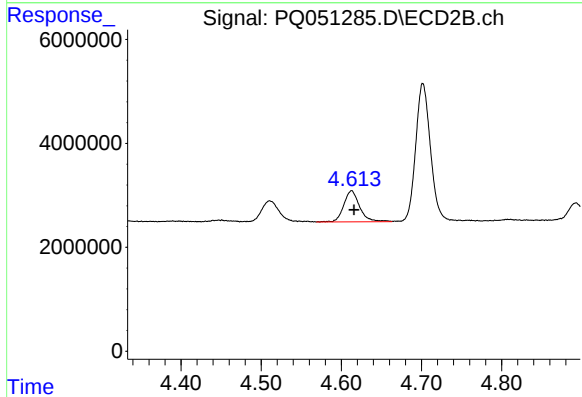
R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 6198096
Conc: 100.75 ng/ml



#9 AR-1221-2

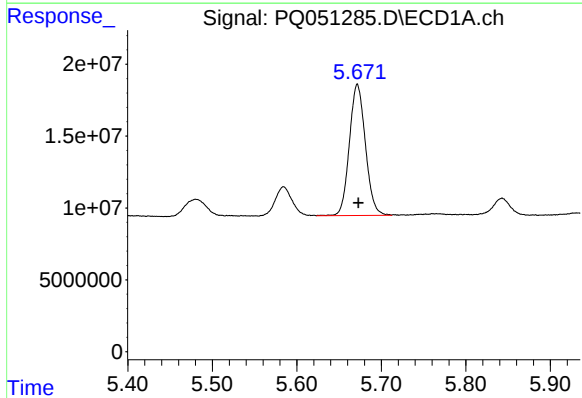
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 27492104
Conc: 179.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



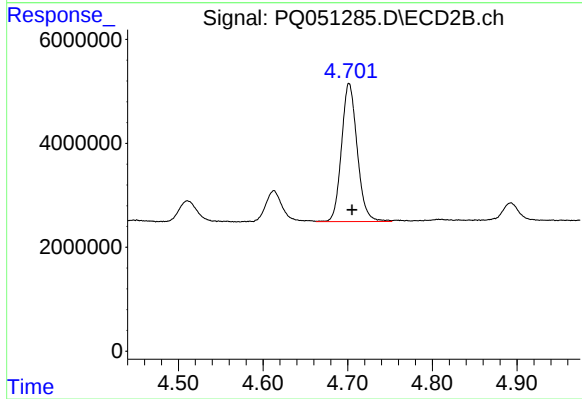
#9 AR-1221-2

R.T.: 4.613 min
Delta R.T.: -0.003 min
Response: 8307625
Conc: 194.22 ng/ml



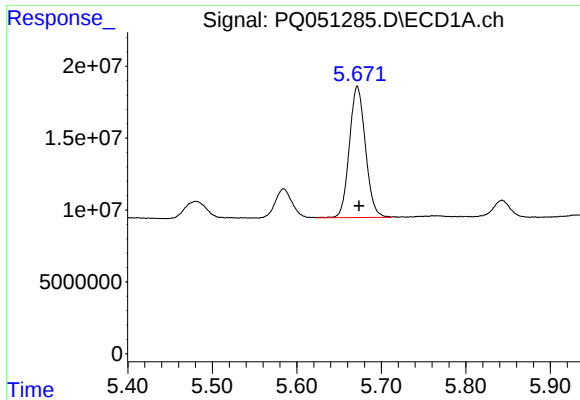
#10 AR-1221-3

R.T.: 5.672 min
Delta R.T.: -0.001 min
Response: 120147899
Conc: 229.89 ng/ml



#10 AR-1221-3

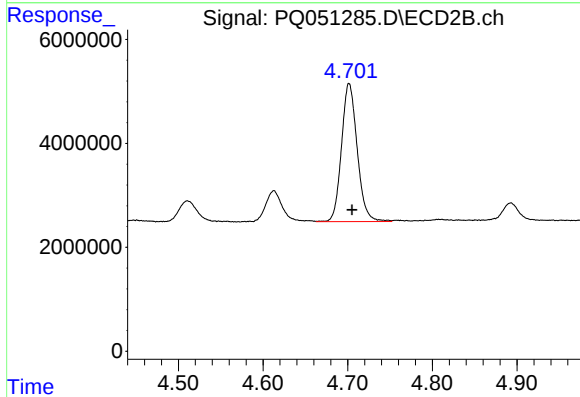
R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 34272294
Conc: 233.69 ng/ml



#11 AR-1232-1

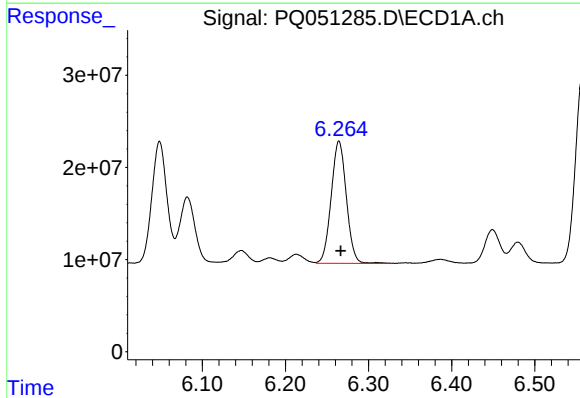
R.T.: 5.672 min
Delta R.T.: -0.002 min
Response: 120147899
Conc: 281.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



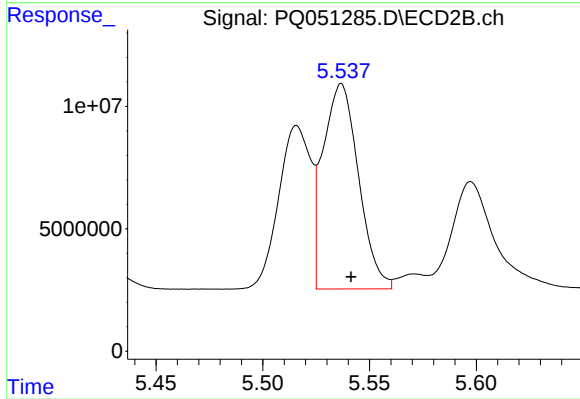
#11 AR-1232-1

R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 34272294
Conc: 287.85 ng/ml



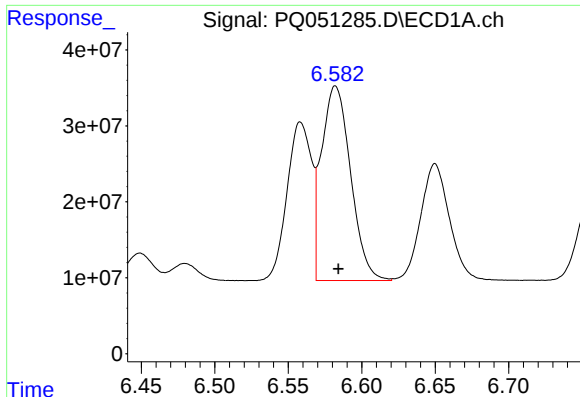
#12 AR-1232-2

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 168657246
Conc: 750.42 ng/ml



#12 AR-1232-2

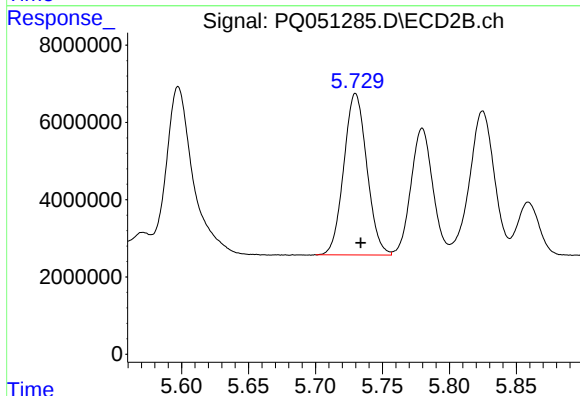
R.T.: 5.537 min
Delta R.T.: -0.005 min
Response: 97256310
Conc: 780.78 ng/ml



#13 AR-1232-3

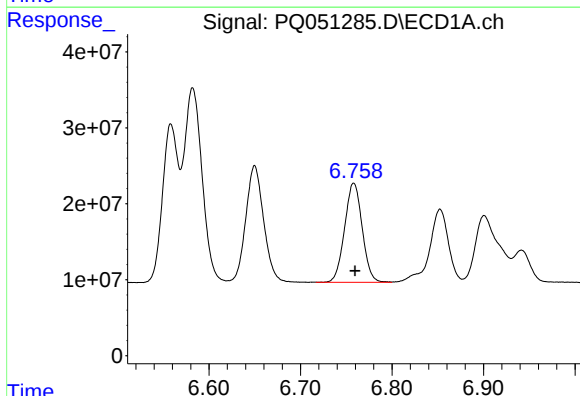
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 353010000
Conc: 760.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



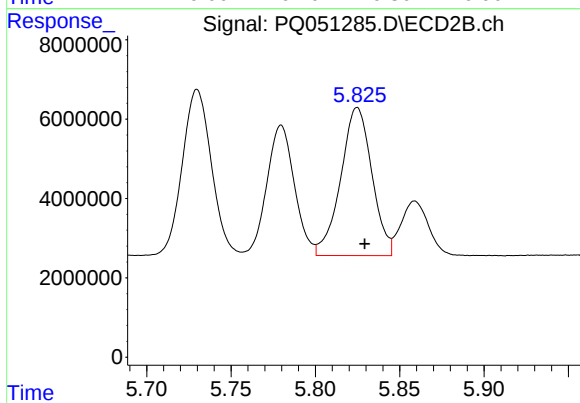
#13 AR-1232-3

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 50098109
Conc: 789.45 ng/ml



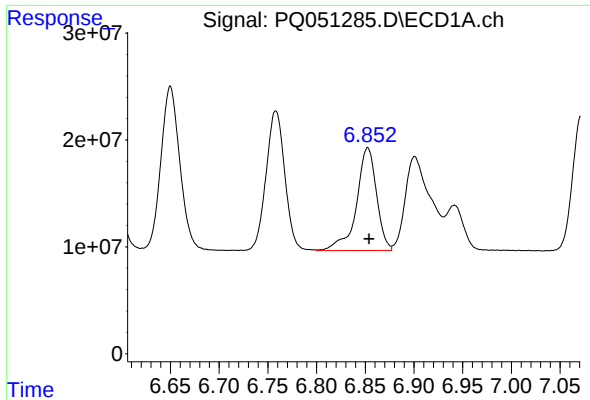
#14 AR-1232-4

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 174958848
Conc: 754.51 ng/ml



#14 AR-1232-4

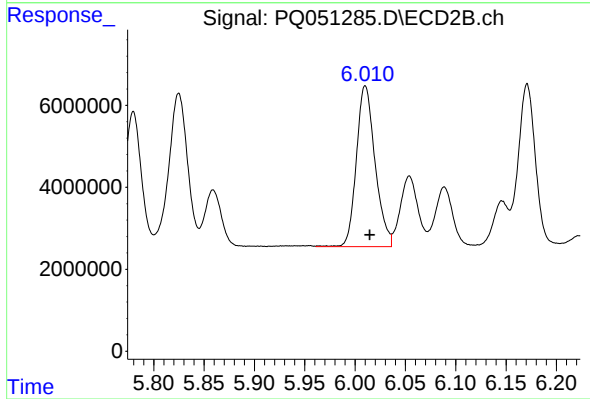
R.T.: 5.825 min
Delta R.T.: -0.004 min
Response: 48127716
Conc: 873.04 ng/ml



#15 AR-1232-5

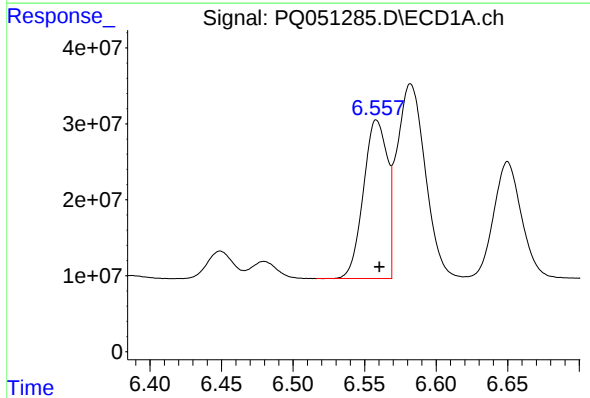
R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 137911520
Conc: 825.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



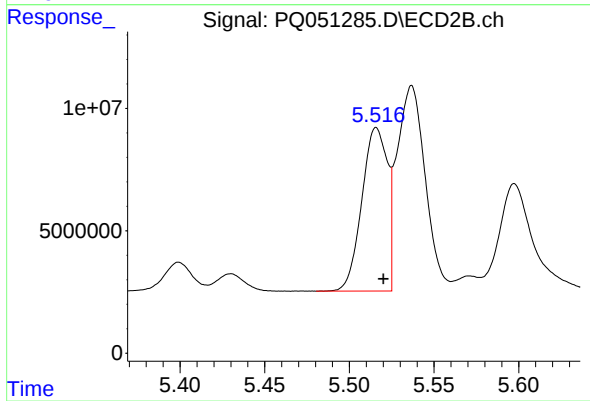
#15 AR-1232-5

R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 50737466
Conc: 848.53 ng/ml



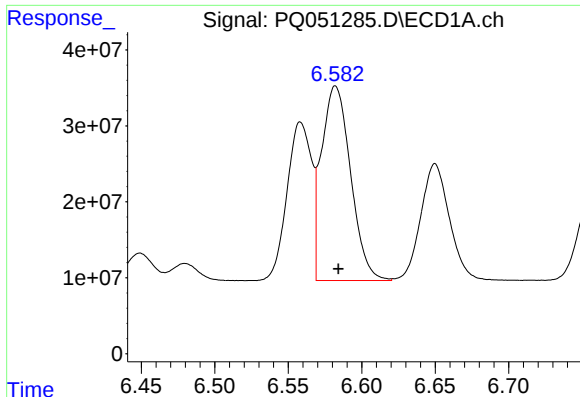
#16 AR-1242-1

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 242523866
Conc: 401.17 ng/ml



#16 AR-1242-1

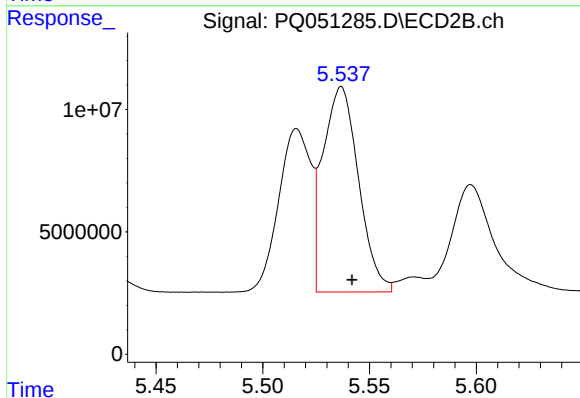
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 69836362
Conc: 415.19 ng/ml



#17 AR-1242-2

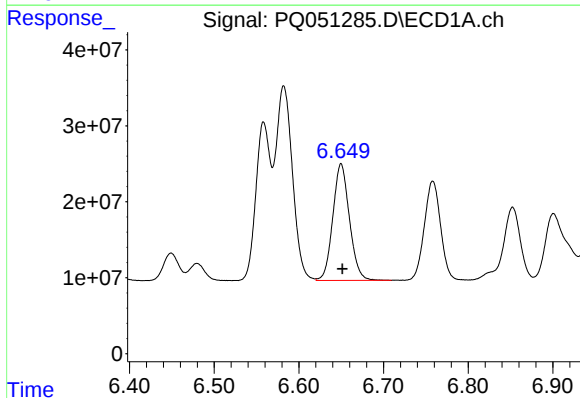
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 353010000
Conc: 407.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



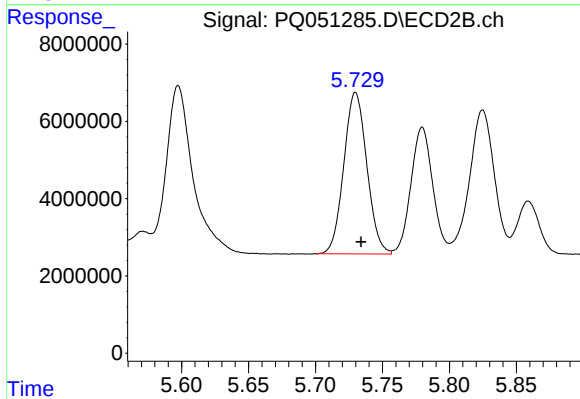
#17 AR-1242-2

R.T.: 5.537 min
Delta R.T.: -0.005 min
Response: 97256310
Conc: 416.50 ng/ml



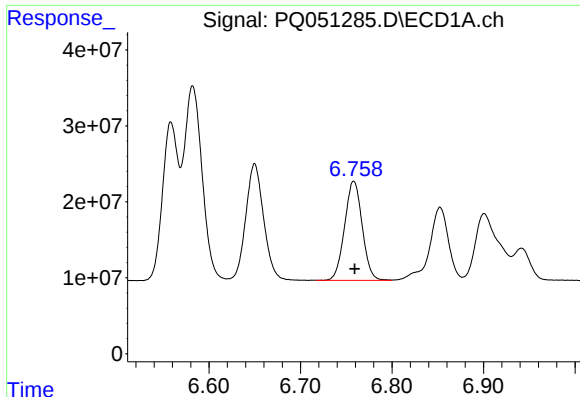
#18 AR-1242-3

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 209512991
Conc: 405.67 ng/ml



#18 AR-1242-3

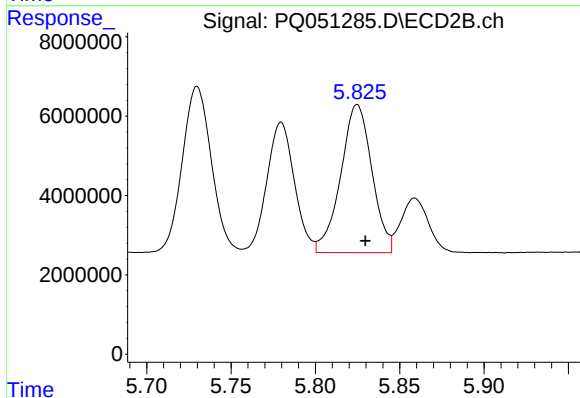
R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 50098109
Conc: 414.09 ng/ml



#19 AR-1242-4

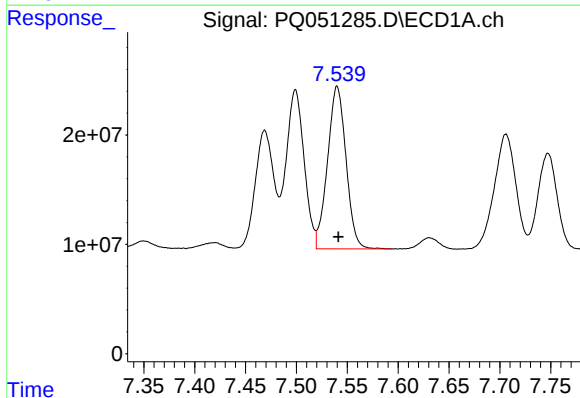
R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 174958848
Conc: 405.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



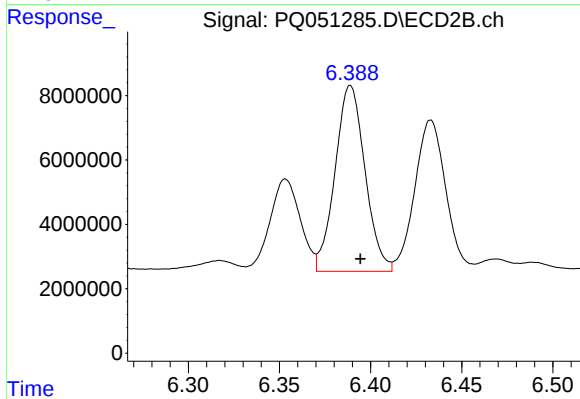
#19 AR-1242-4

R.T.: 5.825 min
Delta R.T.: -0.005 min
Response: 48127716
Conc: 412.51 ng/ml



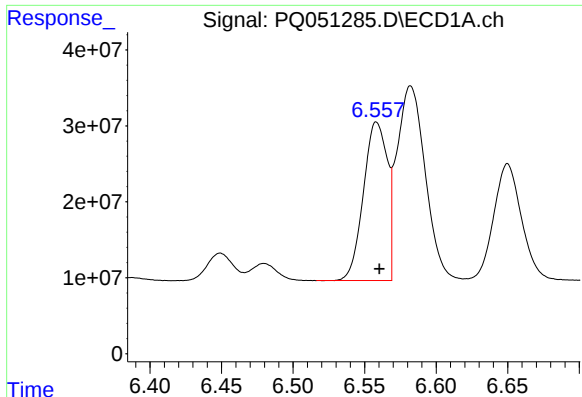
#20 AR-1242-5

R.T.: 7.540 min
Delta R.T.: -0.001 min
Response: 188410781
Conc: 401.71 ng/ml



#20 AR-1242-5

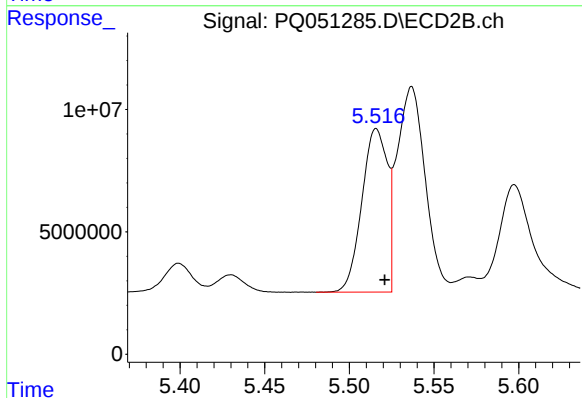
R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 65891978
Conc: 416.47 ng/ml



#21 AR-1248-1

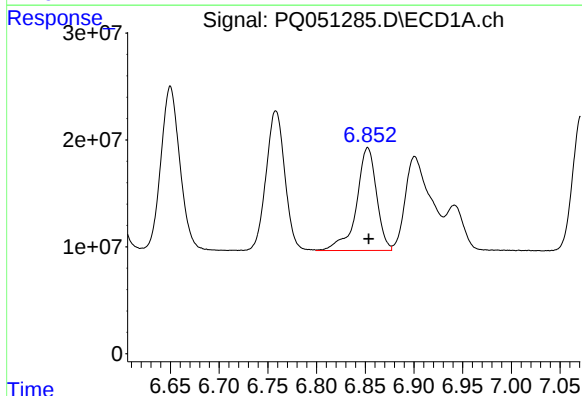
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 242523866
Conc: 562.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



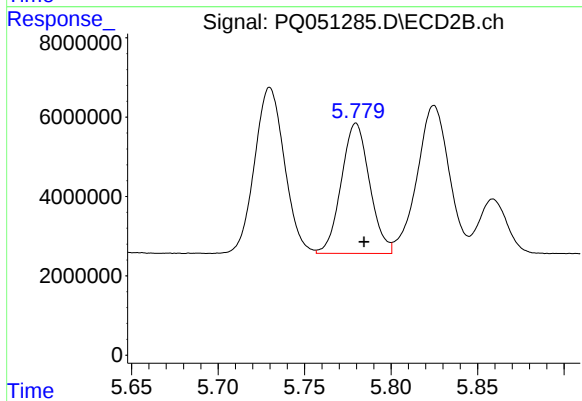
#21 AR-1248-1

R.T.: 5.516 min
Delta R.T.: -0.005 min
Response: 69836362
Conc: 589.22 ng/ml



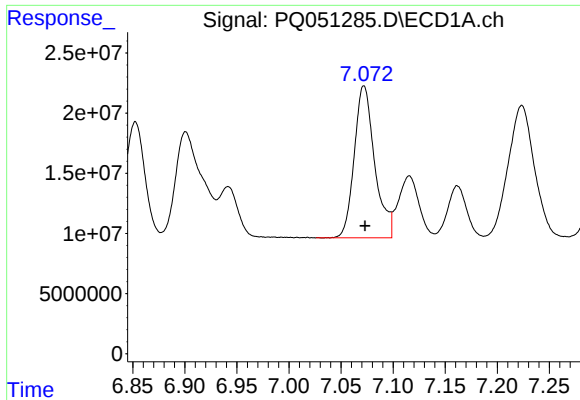
#22 AR-1248-2

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 137911520
Conc: 229.00 ng/ml



#22 AR-1248-2

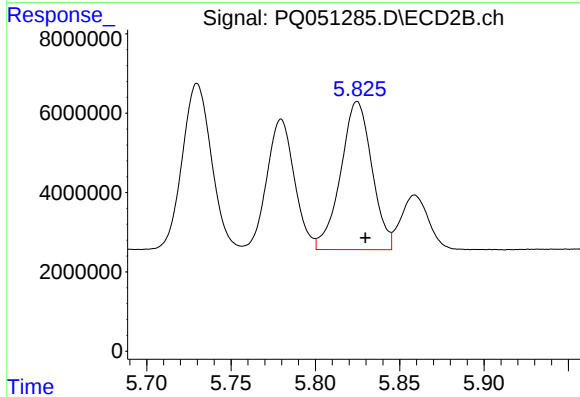
R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 37391714
Conc: 227.05 ng/ml



#23 AR-1248-3

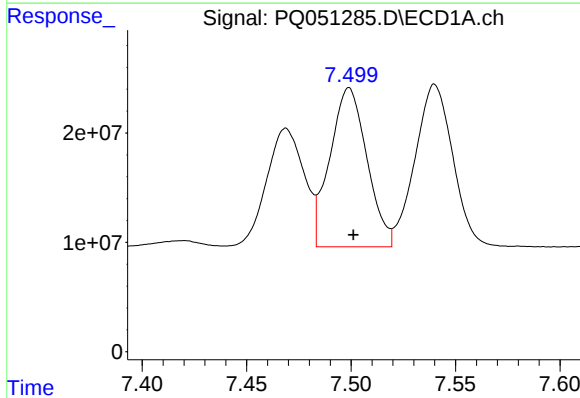
R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 172619306
Conc: 248.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



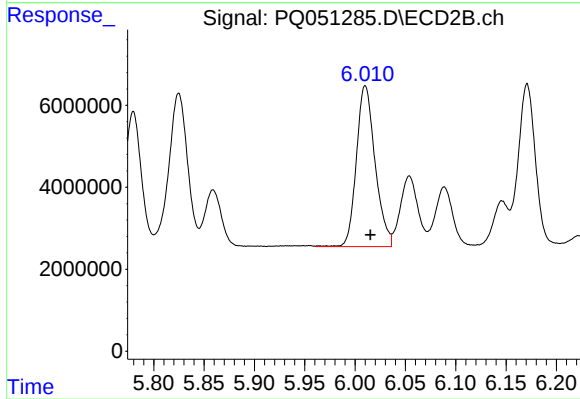
#23 AR-1248-3

R.T.: 5.825 min
Delta R.T.: -0.005 min
Response: 48127716
Conc: 281.98 ng/ml



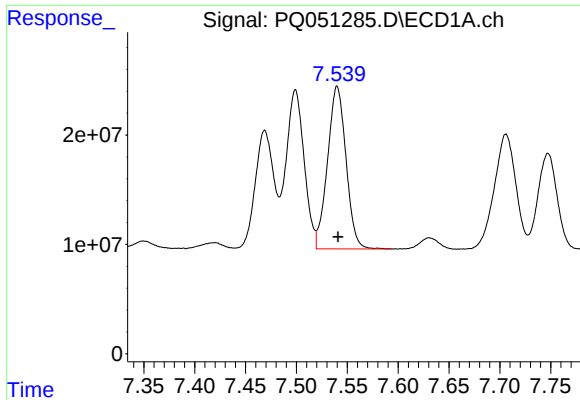
#24 AR-1248-4

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 179467672
Conc: 221.57 ng/ml



#24 AR-1248-4

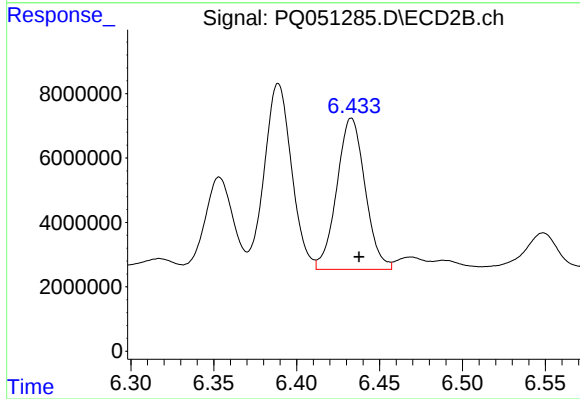
R.T.: 6.010 min
Delta R.T.: -0.005 min
Response: 50737466
Conc: 245.89 ng/ml



#25 AR-1248-5

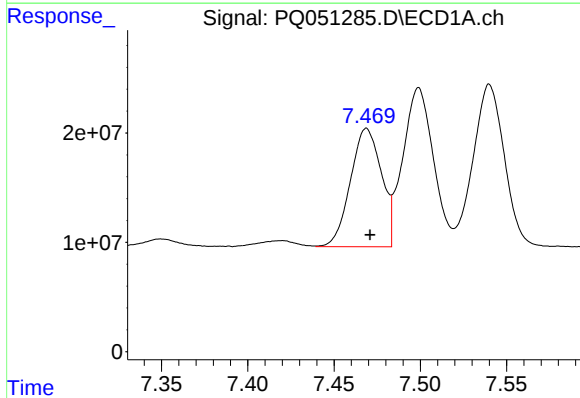
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 188410781
Conc: 239.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



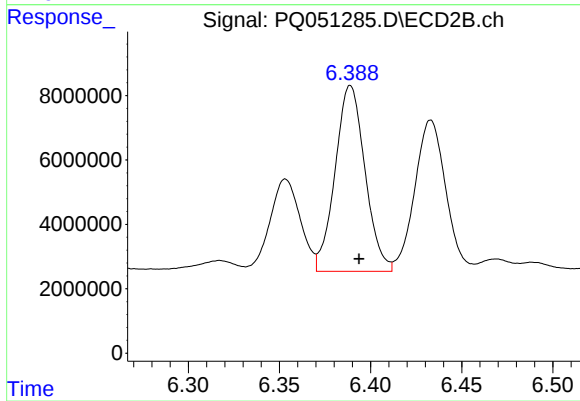
#25 AR-1248-5

R.T.: 6.433 min
Delta R.T.: -0.005 min
Response: 55774852
Conc: 260.04 ng/ml



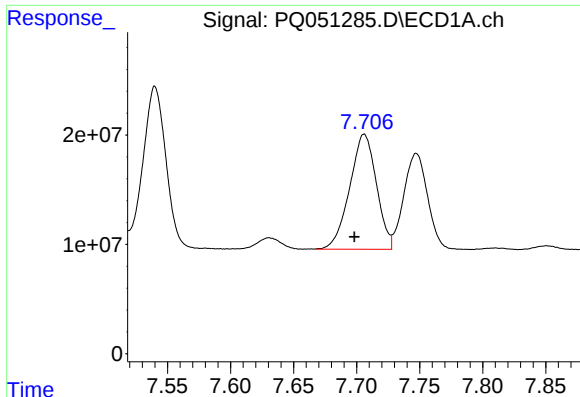
#26 AR-1254-1

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 135266702
Conc: 157.73 ng/ml



#26 AR-1254-1

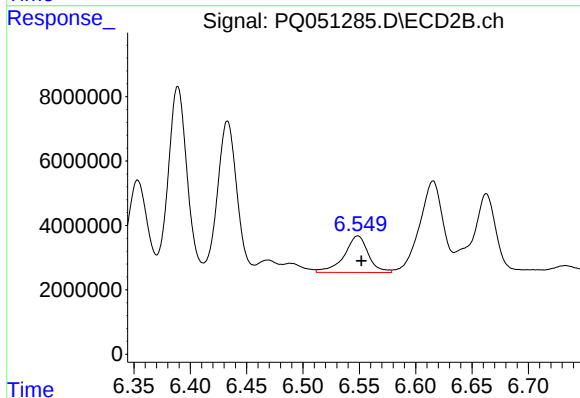
R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 65891978
Conc: 183.97 ng/ml



#27 AR-1254-2

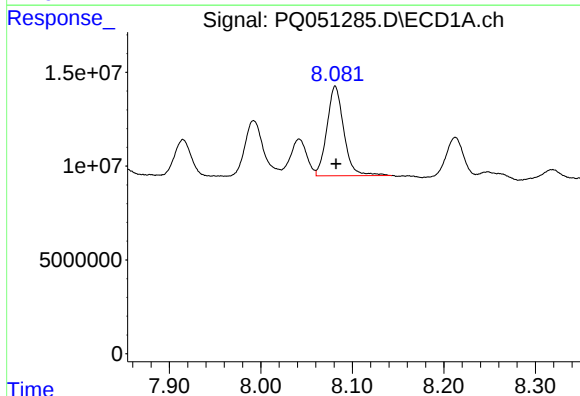
R.T.: 7.706 min
Delta R.T.: 0.008 min
Response: 155584049
Conc: 116.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



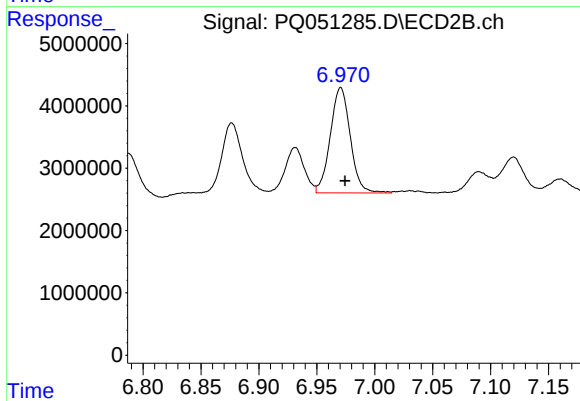
#27 AR-1254-2

R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 16934509
Conc: 54.66 ng/ml



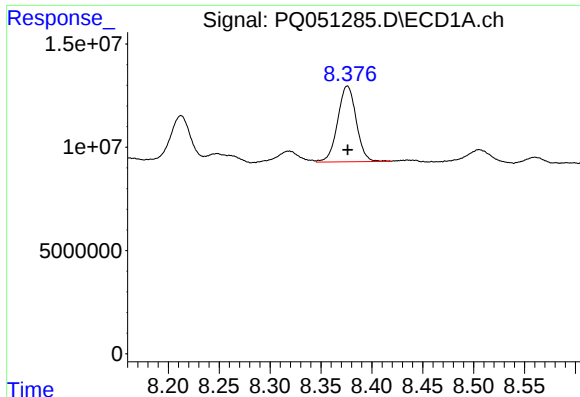
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 61356668
Conc: 42.37 ng/ml



#28 AR-1254-3

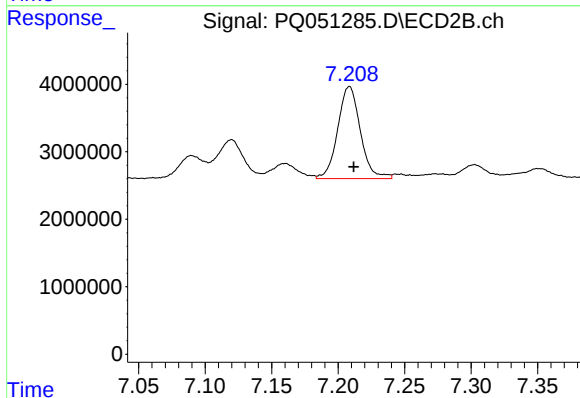
R.T.: 6.971 min
Delta R.T.: -0.004 min
Response: 20330743
Conc: 39.34 ng/ml



#29 AR-1254-4

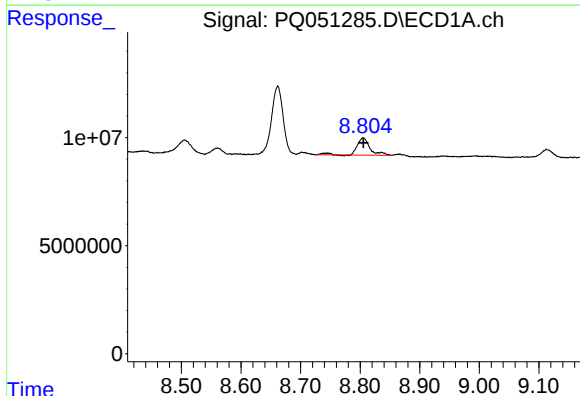
R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 46593694
Conc: 44.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



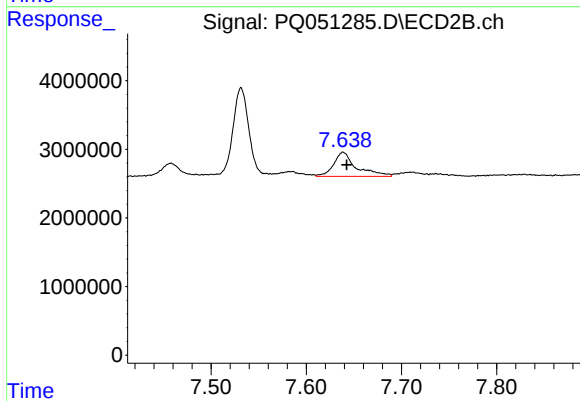
#29 AR-1254-4

R.T.: 7.208 min
Delta R.T.: -0.003 min
Response: 16154352
Conc: 49.62 ng/ml



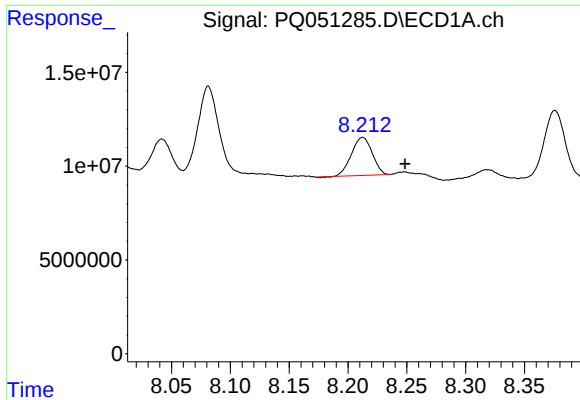
#30 AR-1254-5

R.T.: 8.805 min
Delta R.T.: 0.000 min
Response: 12118253
Conc: 10.99 ng/ml



#30 AR-1254-5

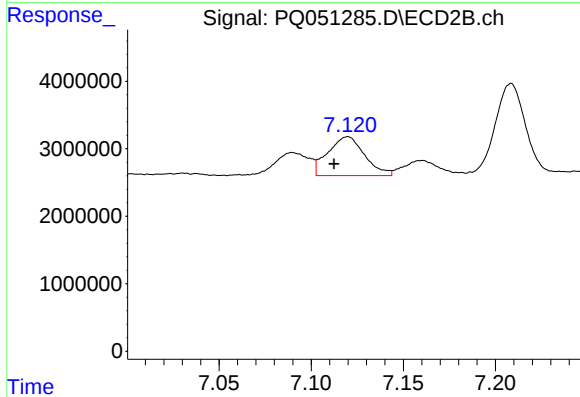
R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 5870365
Conc: 12.94 ng/ml



#31 AR-1260-1

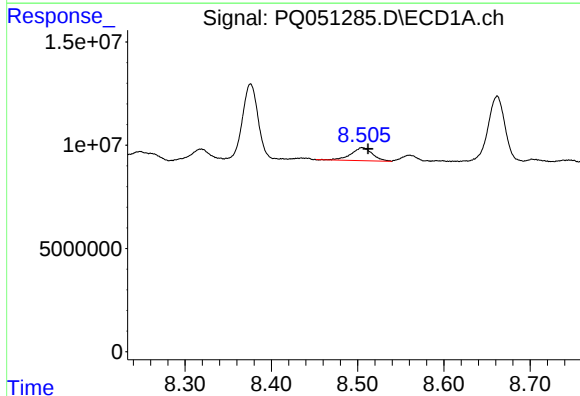
R.T.: 8.213 min
Delta R.T.: -0.036 min
Response: 24916991
Conc: 28.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



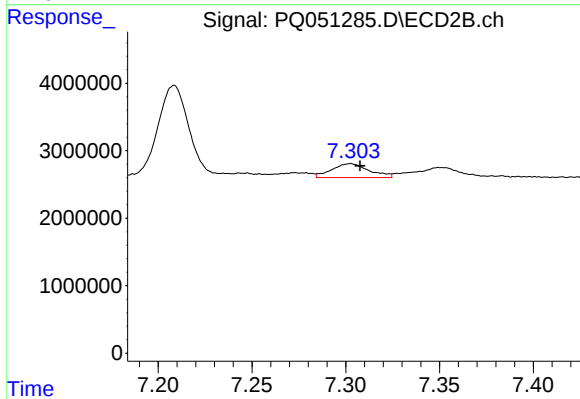
#31 AR-1260-1

R.T.: 7.120 min
Delta R.T.: 0.007 min
Response: 7979740
Conc: 25.93 ng/ml



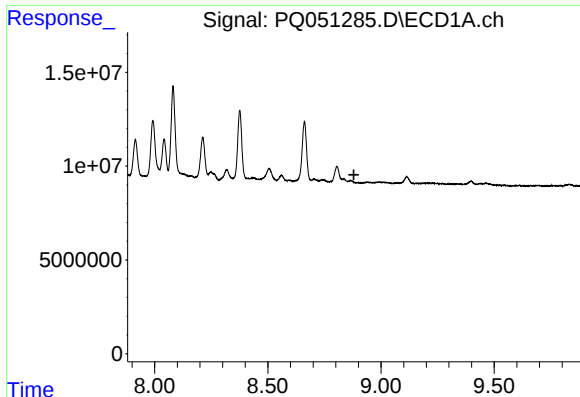
#32 AR-1260-2

R.T.: 8.505 min
Delta R.T.: -0.007 min
Response: 10883762
Conc: 10.63 ng/ml



#32 AR-1260-2

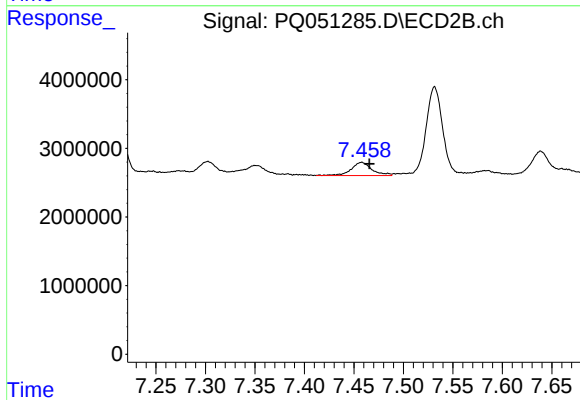
R.T.: 7.303 min
Delta R.T.: -0.005 min
Response: 2853913
Conc: 7.36 ng/ml



#33 AR-1260-3

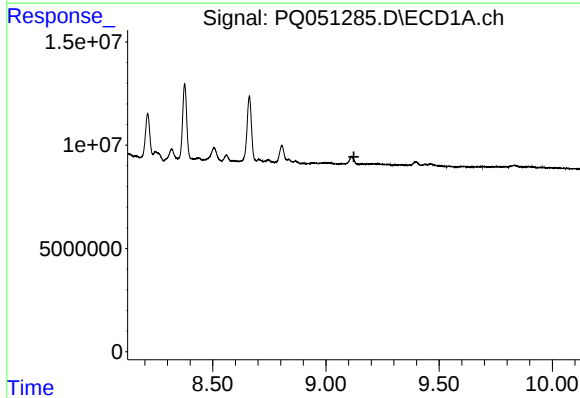
R.T.: 0.000 min
Exp R.T. : 8.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



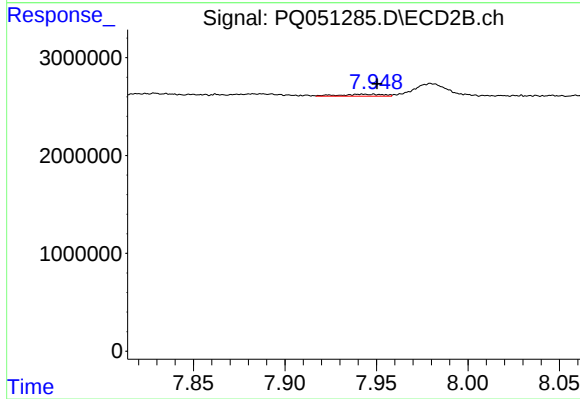
#33 AR-1260-3

R.T.: 7.458 min
Delta R.T.: -0.008 min
Response: 2806399
Conc: 7.77 ng/ml



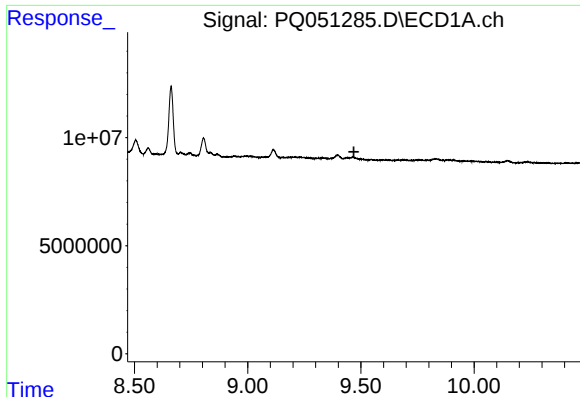
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 9.124 min
Response: 0
Conc: N.D.



#34 AR-1260-4

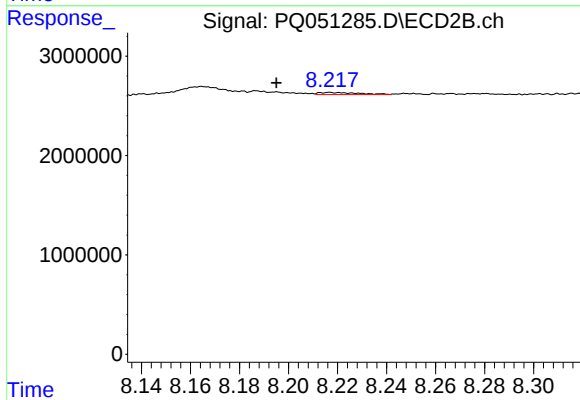
R.T.: 7.949 min
Delta R.T.: -0.002 min
Response: 318425
Conc: 1.02 ng/ml



#35 AR-1260-5

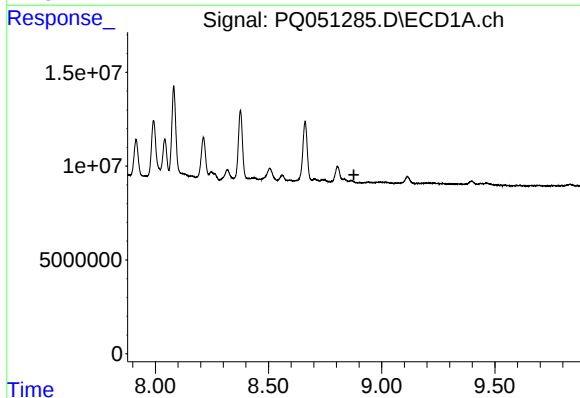
R.T.: 0.000 min
Exp R.T.: 9.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



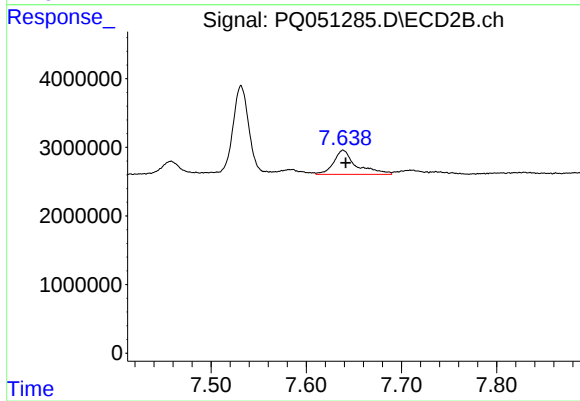
#35 AR-1260-5

R.T.: 8.217 min
Delta R.T.: 0.022 min
Response: 248724
Conc: 0.32 ng/ml



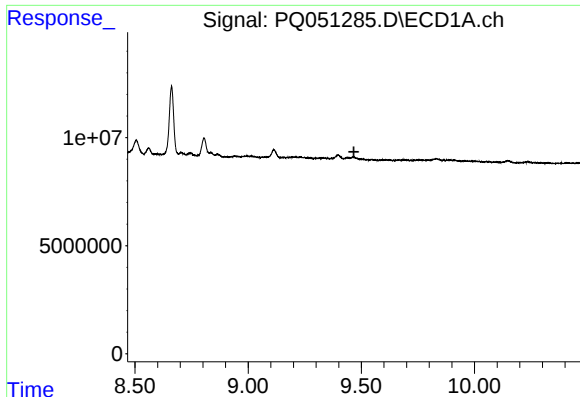
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.877 min
Response: 0
Conc: N.D.



#36 AR-1262-1

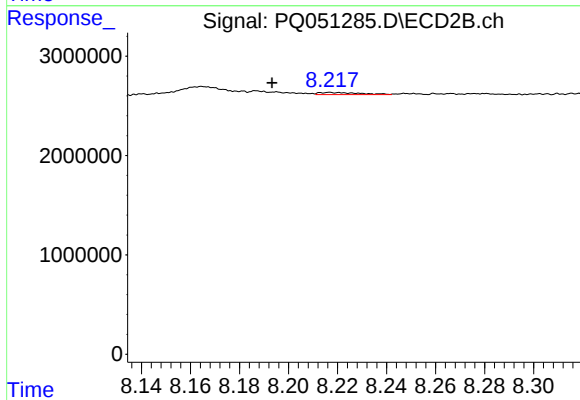
R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 5870365
Conc: 25.24 ng/ml



#37 AR-1262-2

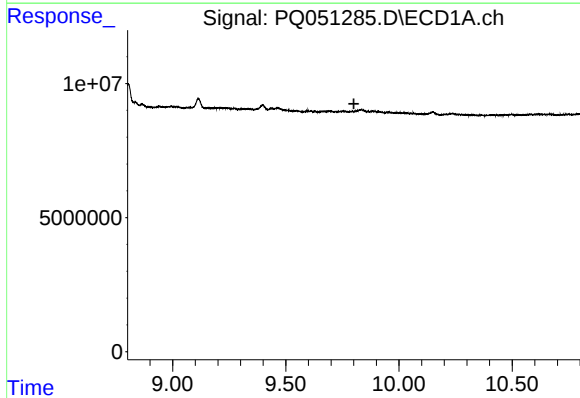
R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



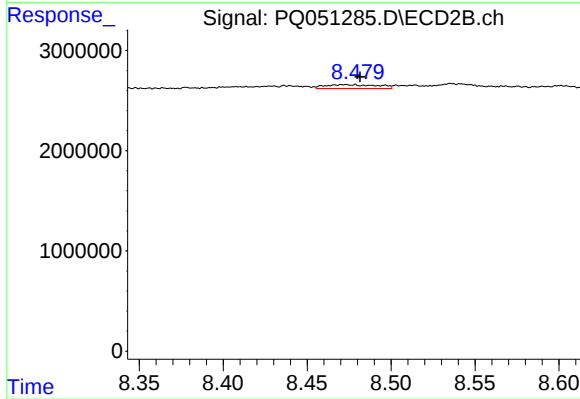
#37 AR-1262-2

R.T.: 8.217 min
Delta R.T.: 0.024 min
Response: 248724
Conc: 0.29 ng/ml



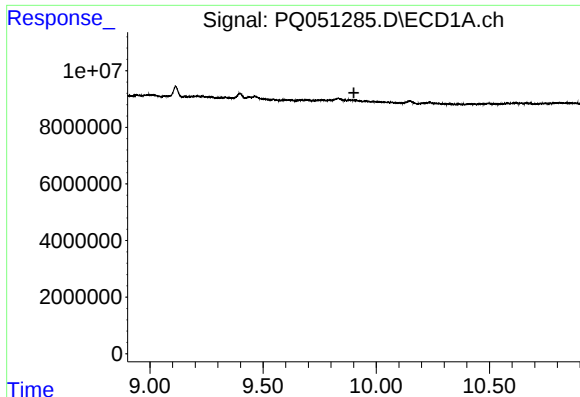
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.801 min
Response: 0
Conc: N.D.



#38 AR-1262-3

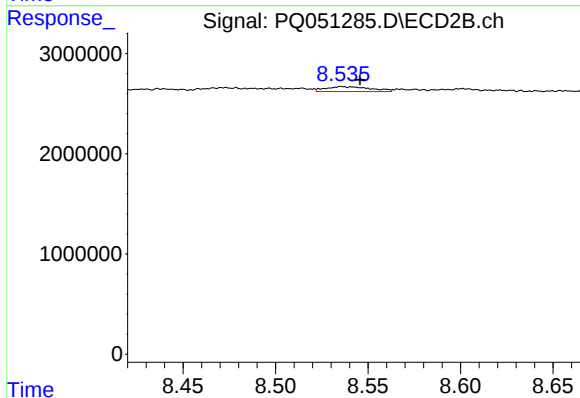
R.T.: 8.478 min
Delta R.T.: -0.003 min
Response: 819189
Conc: 2.61 ng/ml



#39 AR-1262-4

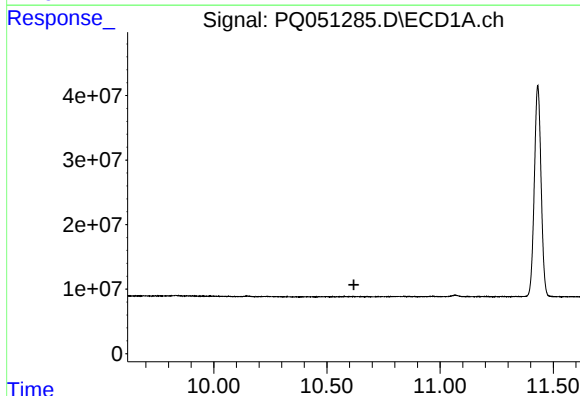
R.T.: 0.000 min
Exp R.T. : 9.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



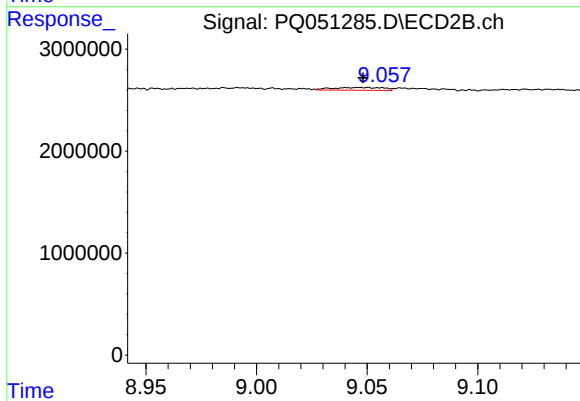
#39 AR-1262-4

R.T.: 8.536 min
Delta R.T.: -0.010 min
Response: 823158
Conc: 1.34 ng/ml



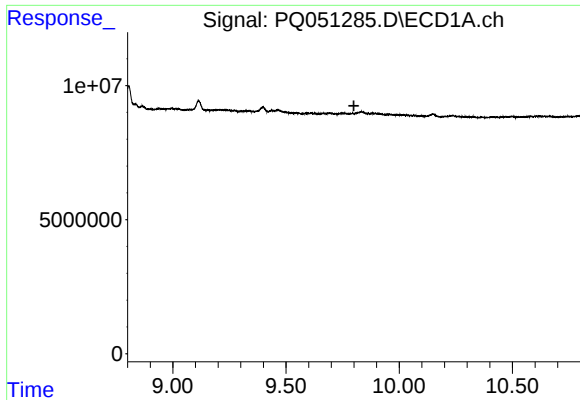
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.619 min
Response: 0
Conc: N.D.



#40 AR-1262-5

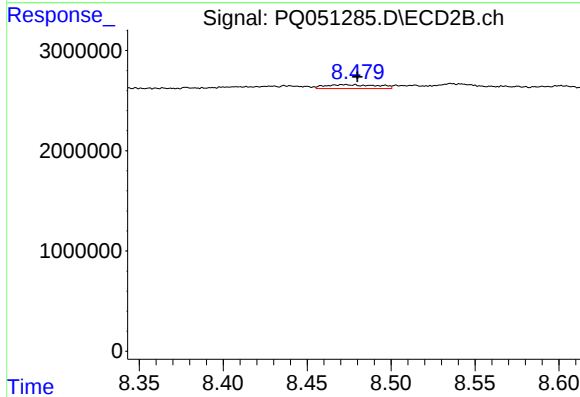
R.T.: 9.046 min
Delta R.T.: -0.002 min
Response: 438794
Conc: 1.58 ng/ml



#41 AR-1268-1

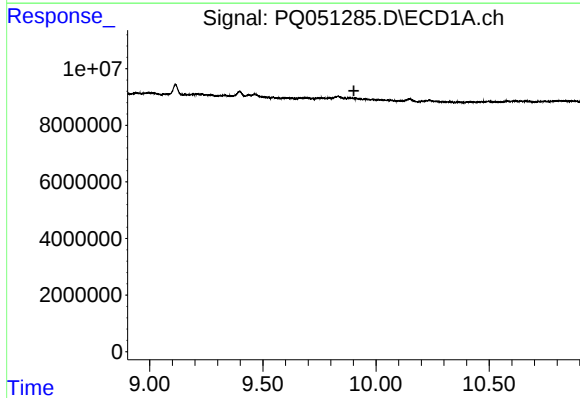
R.T.: 0.000 min
Exp R.T.: 9.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



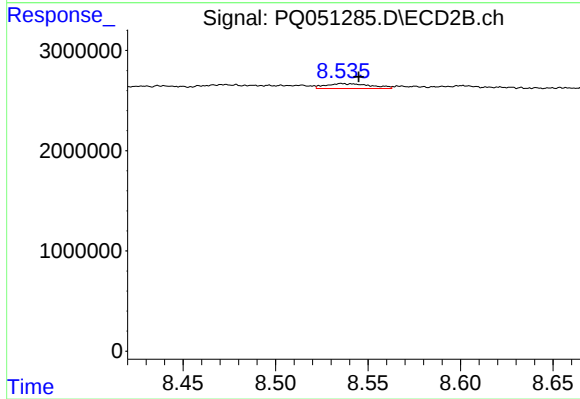
#41 AR-1268-1

R.T.: 8.478 min
Delta R.T.: -0.001 min
Response: 819189
Conc: 0.87 ng/ml



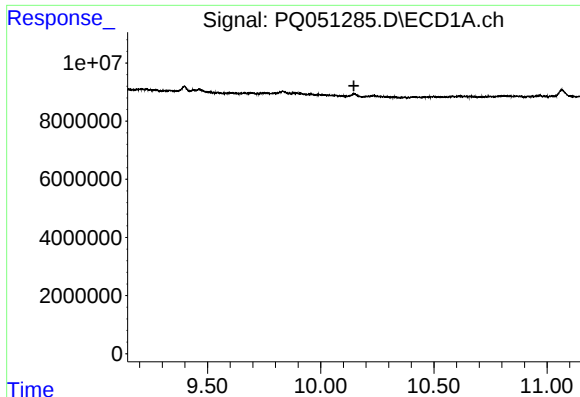
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

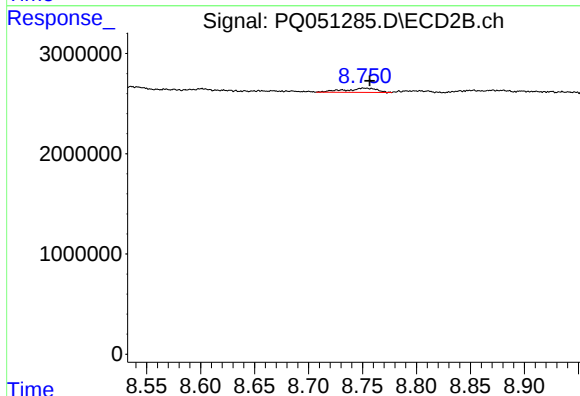
R.T.: 8.536 min
Delta R.T.: -0.009 min
Response: 823158
Conc: 0.93 ng/ml



#43 AR-1268-3

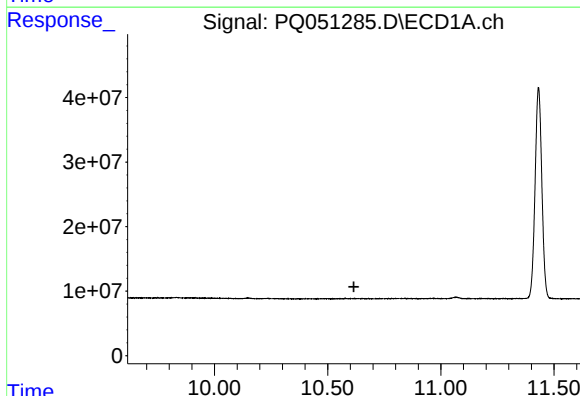
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



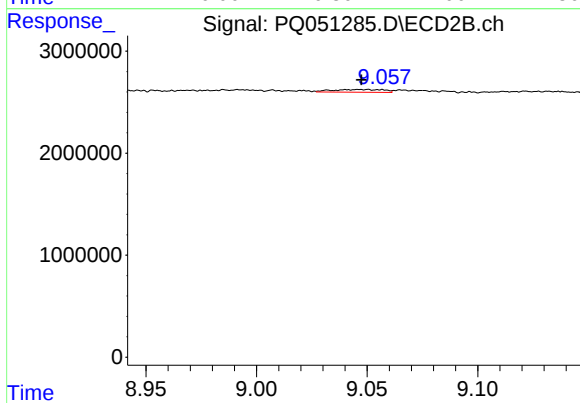
#43 AR-1268-3

R.T.: 8.751 min
Delta R.T.: -0.005 min
Response: 872509
Conc: 1.16 ng/ml



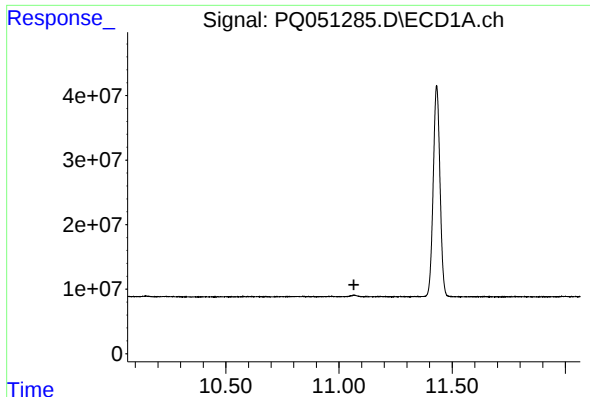
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.616 min
Response: 0
Conc: N.D.



#44 AR-1268-4

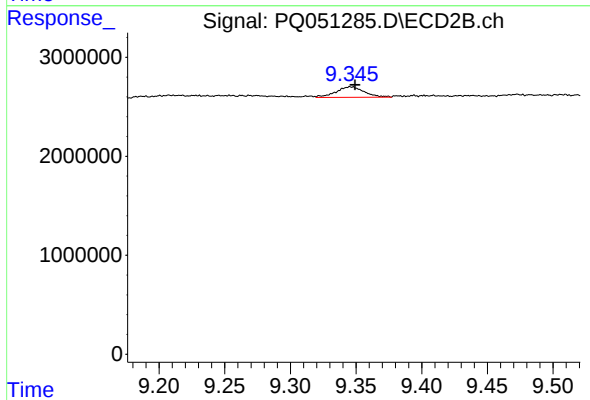
R.T.: 9.046 min
Delta R.T.: -0.001 min
Response: 438794
Conc: 1.40 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: -0.003 min
Response: 1582899
Conc: 0.65 ng/ml