

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111519\
 Data File : PQ045047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2019 12:22
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 13:04:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.101	4.306	133.5E6	87881108	16.815	18.638
2)	SA Decachlor...	11.166	9.722	229.3E6	239.3E6	33.114	35.264
Target Compounds							
3)	L1 AR-1016-1	6.414	5.586	2865325	2249088	11.402	12.211
4)	L1 AR-1016-2	6.439	5.605	1313311	1544717	3.473	5.846 #
5)	L1 AR-1016-3	6.444	5.804	2034133	1265660	8.761	9.807
6)	L1 AR-1016-4	6.610	5.850	1341640	50503581	7.086	465.089 #
7)	L1 AR-1016-5	6.926	6.085	37341891	28491055	191.453	186.481
9)	L2 AR-1221-2	5.453	4.669	1939320	1325407	33.031	33.571
12)	L3 AR-1232-2	6.121	5.605	2154316	1544717	24.020	12.420 #
13)	L3 AR-1232-3	6.439	5.804	1313311	1265660	7.438	21.372 #
14)	L3 AR-1232-4	6.610	5.895	1341640	15188377	15.164	252.658 #
15)	L3 AR-1232-5	6.709	6.085	63758010	28491055	961.079	391.183 #
16)	L4 AR-1242-1	6.414	5.586	2865325	2249088	13.331	14.345
17)	L4 AR-1242-2	6.439	5.605	1313311	1544717	4.084	6.904 #
18)	L4 AR-1242-3	6.444	5.804	2034133	1265660	10.252	11.387
19)	L4 AR-1242-4	6.610	5.895	1341640	15188377	8.310	127.371 #
20)	L4 AR-1242-5	7.396	6.467	34692794	133.8E6	191.711	814.806 #
21)	L5 AR-1248-1	6.414	5.586	2865325	2249088	17.013	18.072
22)	L5 AR-1248-2	6.709	5.850	63758010	50503581	260.307	296.680
23)	L5 AR-1248-3	6.926	5.895	37341891	15188377	137.207	84.926 #
24)	L5 AR-1248-4	7.353	6.085	55377142	28491055	182.843	130.890 #
25)	L5 AR-1248-5	7.396	6.511	34692794	15738940	121.283	70.582 #
26)	L6 AR-1254-1	7.325	6.467	111.4E6	133.8E6	344.337	367.785
27)	L6 AR-1254-2	7.553	6.625	173.3E6	119.6E6	349.006	371.489
28)	L6 AR-1254-3	7.935	7.053	184.0E6	205.5E6	345.695	370.431
29)	L6 AR-1254-4	8.230	7.291	133.9E6	134.3E6	346.678	375.832
30)	L6 AR-1254-5	8.659	7.725	149.2E6	190.7E6	345.490	381.433
31)	L7 AR-1260-1	8.103	7.188	72167093	96983387	231.064	316.553 #
32)	L7 AR-1260-2	8.367	7.384	83883146	82571787	204.874	209.119
33)	L7 AR-1260-3	8.723	7.544	21372483	82589074	65.463	241.074 #
34)	L7 AR-1260-4	8.959	8.031	58803687	8699094	154.637	28.368 #
35)	L7 AR-1260-5	9.302	8.276	19569778	21085924	25.422	26.942
36)	L8 AR-1262-1	8.793	7.725	6554958	190.7E6	31.425	753.576 #
37)	L8 AR-1262-2	9.302	8.276	19569778	21085924	21.667	21.370
38)	L8 AR-1262-3	9.641	8.565	15996281	913989	26.229	2.372 #
39)	L8 AR-1262-4	9.693	8.630	3935653	19948498	8.663	27.078 #
40)	L8 AR-1262-5	0.000	9.145	0	830633	N.D.	2.386 #
41)	L9 AR-1268-1	9.641	8.565	15996281	913989	14.324	0.760 #
42)	L9 AR-1268-2	9.693	8.630	3935653	19948498	3.872	17.914 #
43)	L9 AR-1268-3	0.000	8.841	0	1001525	N.D.	1.077 #
44)	L9 AR-1268-4	0.000	9.145	0	830633	N.D.	2.062 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.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
45) L9	AR-1268-5	0.000	9.452	0	1198950	N.D.	0.397 #

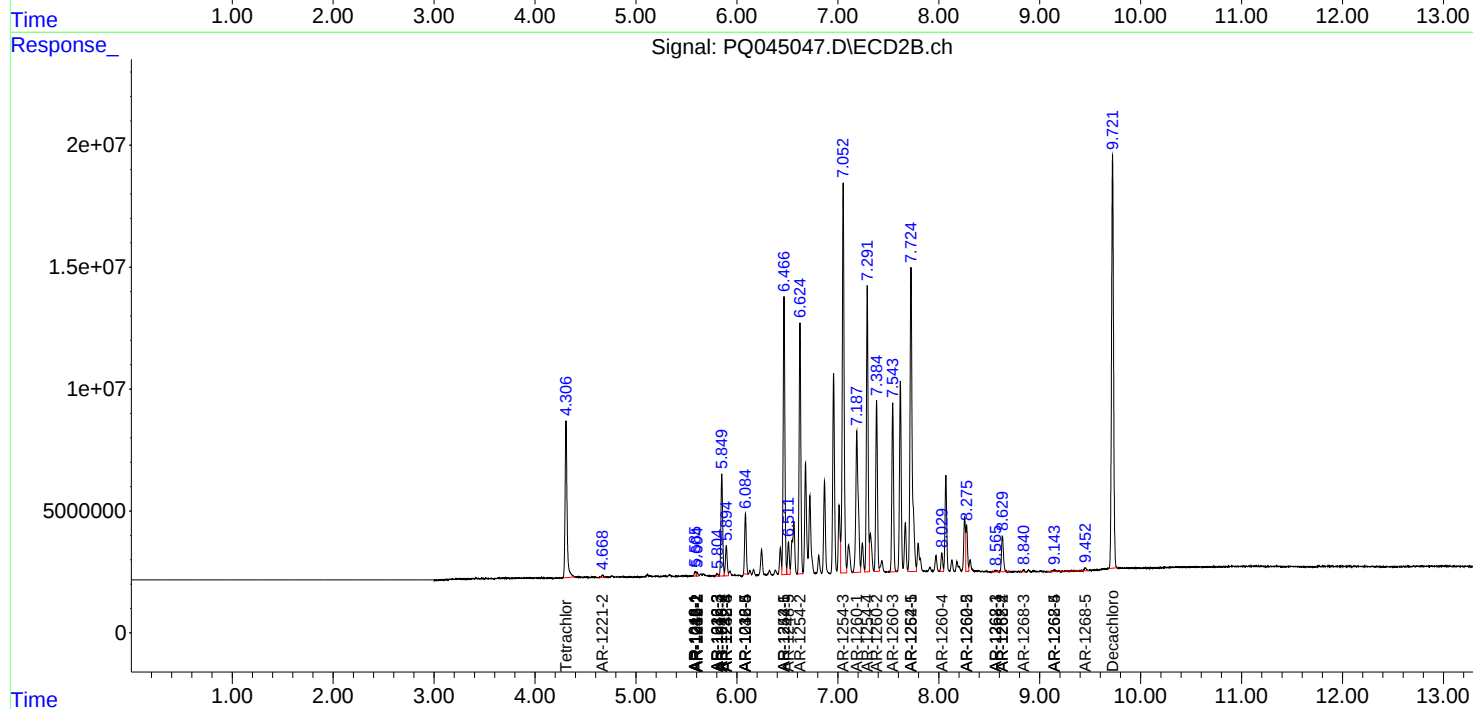
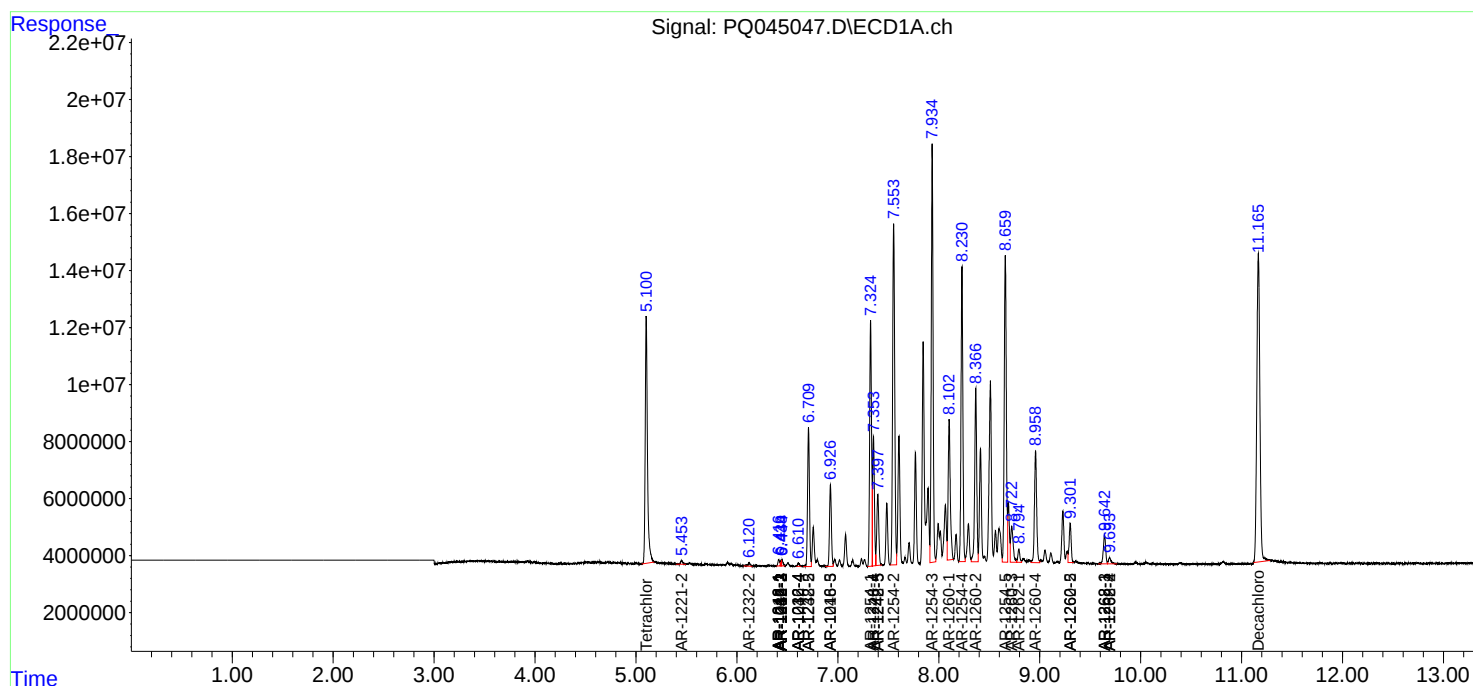
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

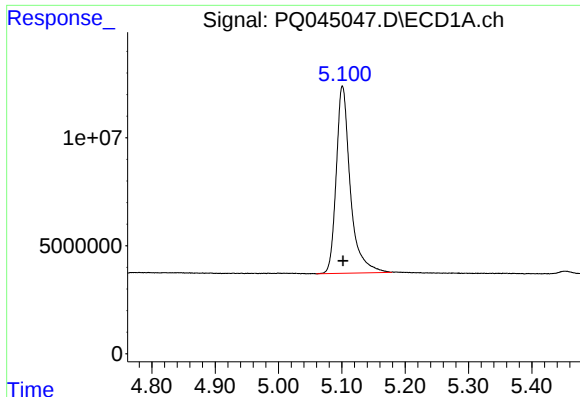
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111519\
Data File : PQ045047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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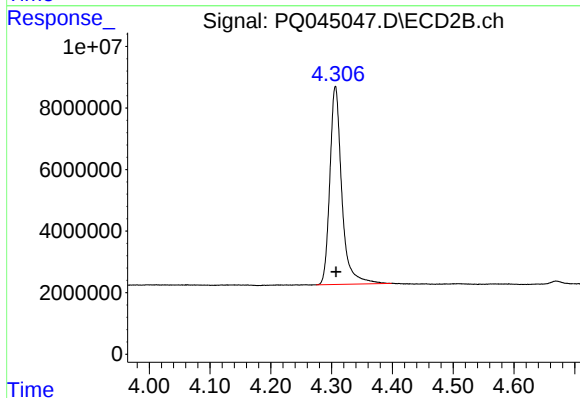




#1 Tetrachloro-m-xylene

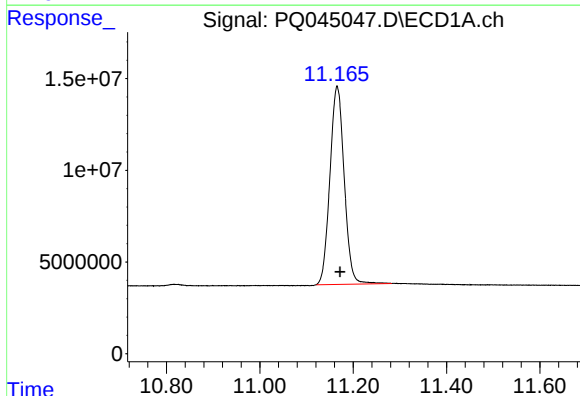
R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 133472004
Conc: 16.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



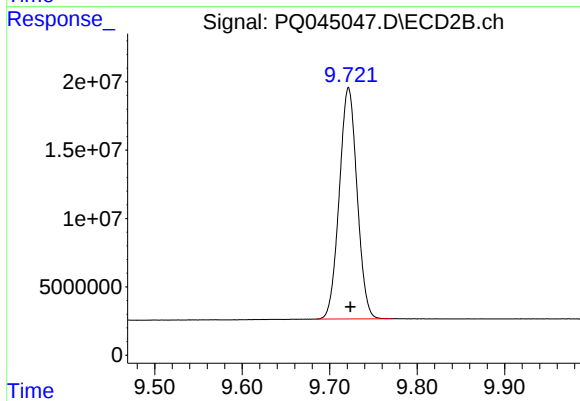
#1 Tetrachloro-m-xylene

R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 87881108
Conc: 18.64 ng/ml



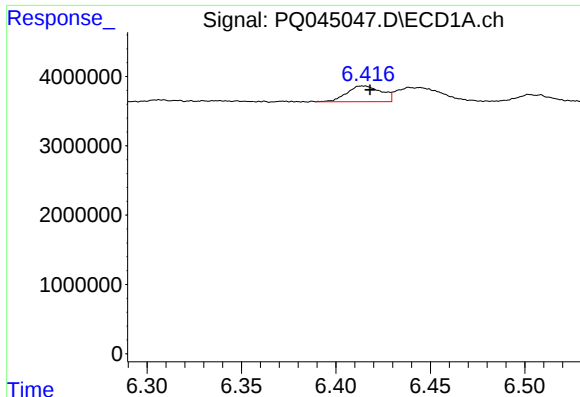
#2 Decachlorobiphenyl

R.T.: 11.166 min
Delta R.T.: -0.006 min
Response: 229343042
Conc: 33.11 ng/ml



#2 Decachlorobiphenyl

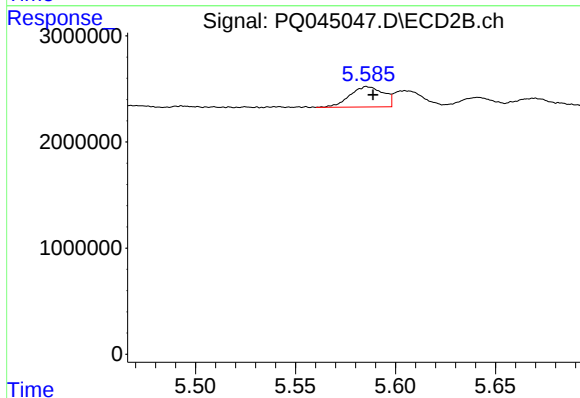
R.T.: 9.722 min
Delta R.T.: -0.002 min
Response: 239269244
Conc: 35.26 ng/ml



#3 AR-1016-1

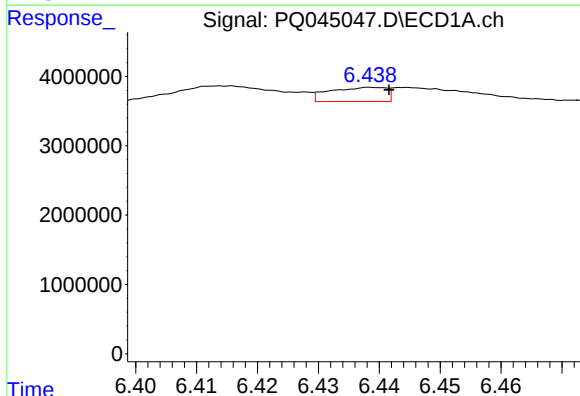
R.T.: 6.414 min
Delta R.T.: -0.004 min
Response: 2865325
Conc: 11.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



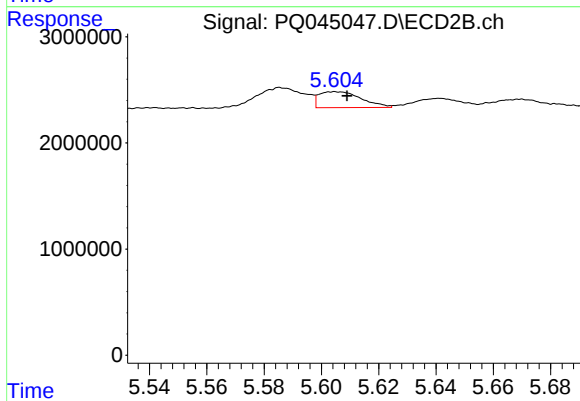
#3 AR-1016-1

R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 2249088
Conc: 12.21 ng/ml



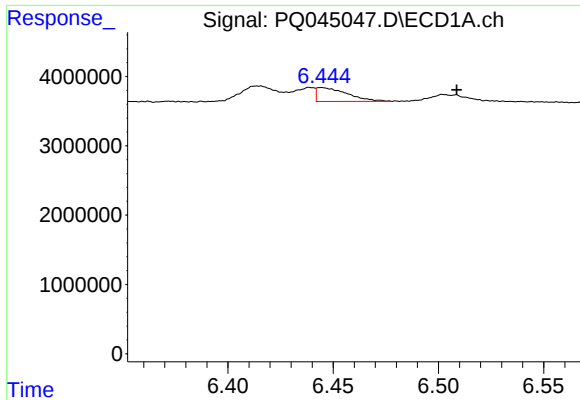
#4 AR-1016-2

R.T.: 6.439 min
Delta R.T.: -0.003 min
Response: 1313311
Conc: 3.47 ng/ml



#4 AR-1016-2

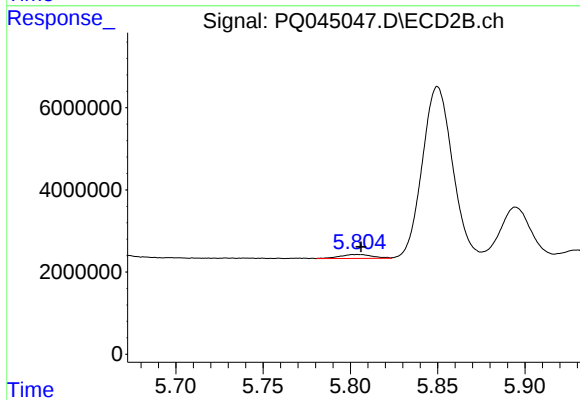
R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 1544717
Conc: 5.85 ng/ml



#5 AR-1016-3

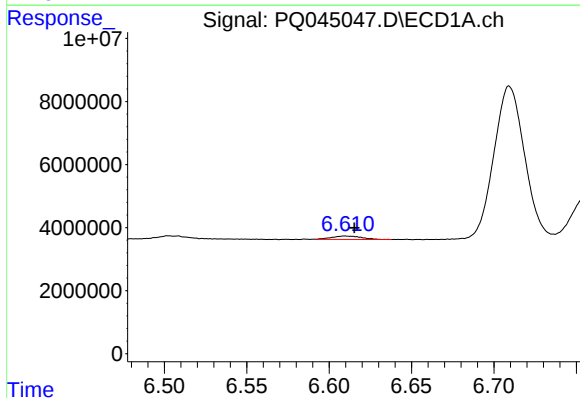
R.T.: 6.444 min
Delta R.T.: -0.064 min
Response: 2034133
Conc: 8.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



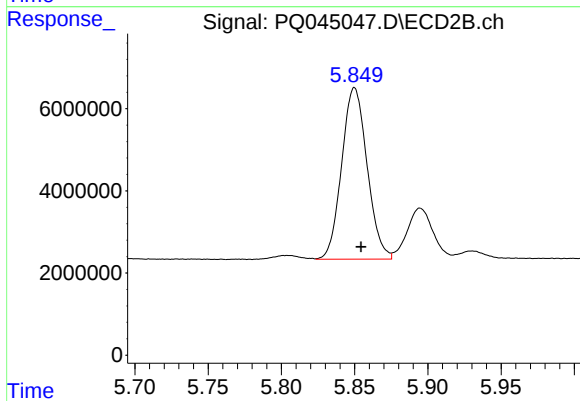
#5 AR-1016-3

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 1265660
Conc: 9.81 ng/ml



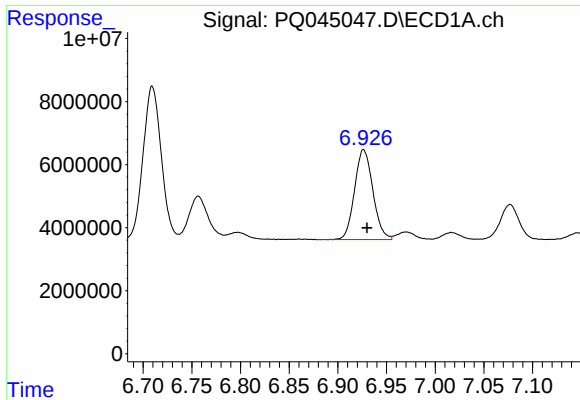
#6 AR-1016-4

R.T.: 6.610 min
Delta R.T.: -0.006 min
Response: 1341640
Conc: 7.09 ng/ml



#6 AR-1016-4

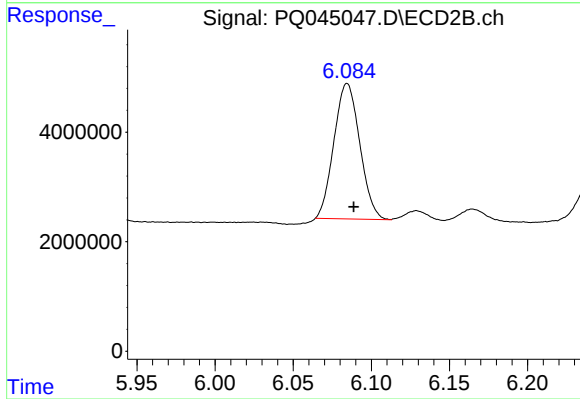
R.T.: 5.850 min
Delta R.T.: -0.004 min
Response: 50503581
Conc: 465.09 ng/ml



#7 AR-1016-5

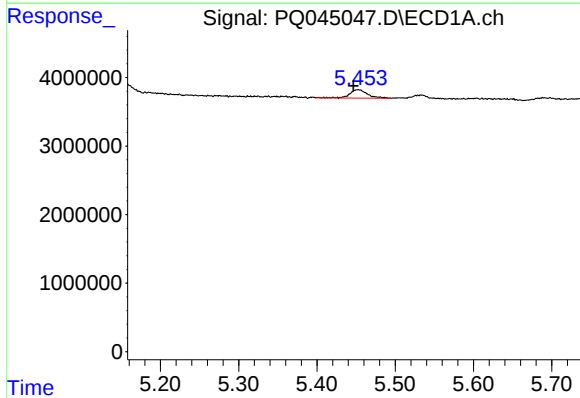
R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 37341891
Conc: 191.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



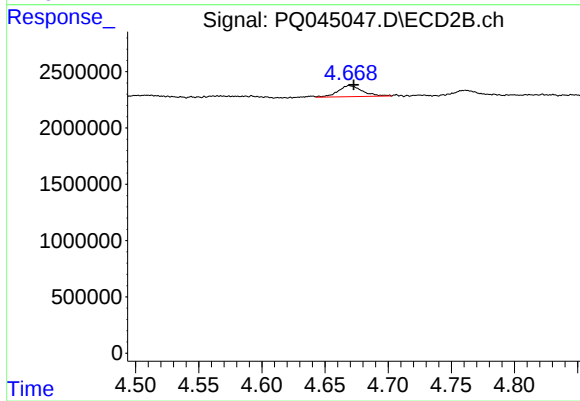
#7 AR-1016-5

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 28491055
Conc: 186.48 ng/ml



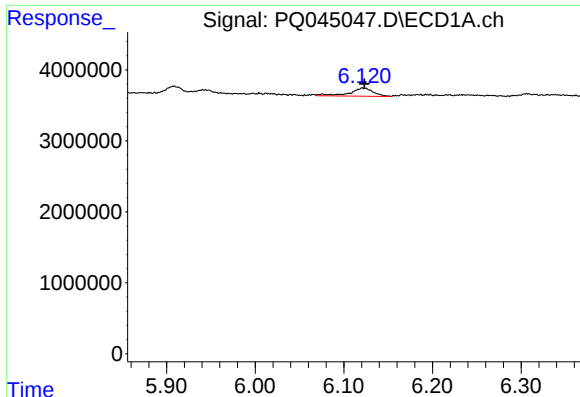
#9 AR-1221-2

R.T.: 5.453 min
Delta R.T.: 0.006 min
Response: 1939320
Conc: 33.03 ng/ml



#9 AR-1221-2

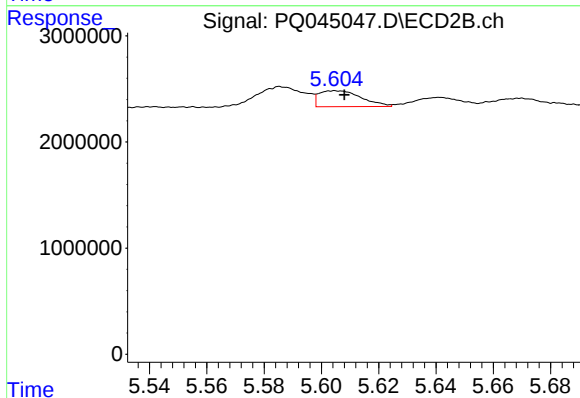
R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 1325407
Conc: 33.57 ng/ml



#12 AR-1232-2

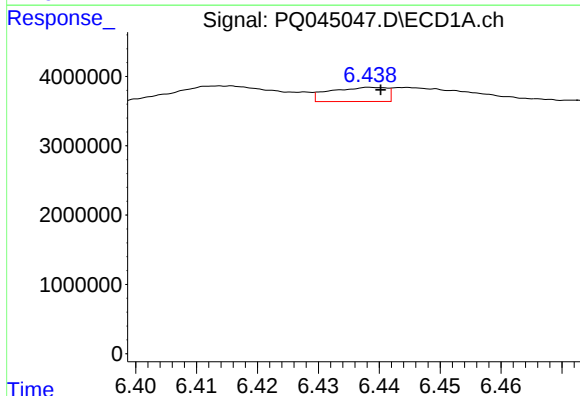
R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 2154316
Conc: 24.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



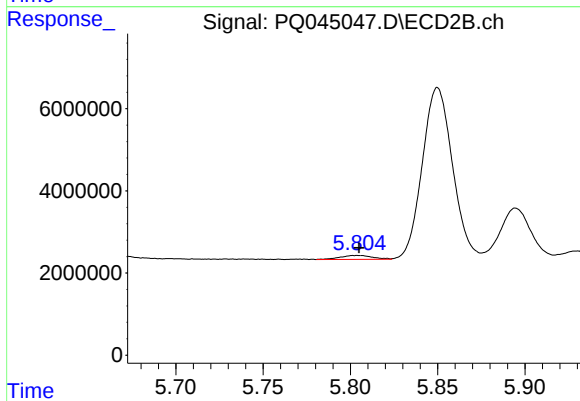
#12 AR-1232-2

R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 1544717
Conc: 12.42 ng/ml



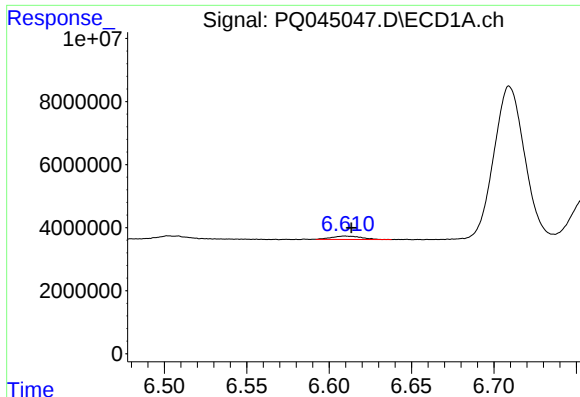
#13 AR-1232-3

R.T.: 6.439 min
Delta R.T.: -0.001 min
Response: 1313311
Conc: 7.44 ng/ml



#13 AR-1232-3

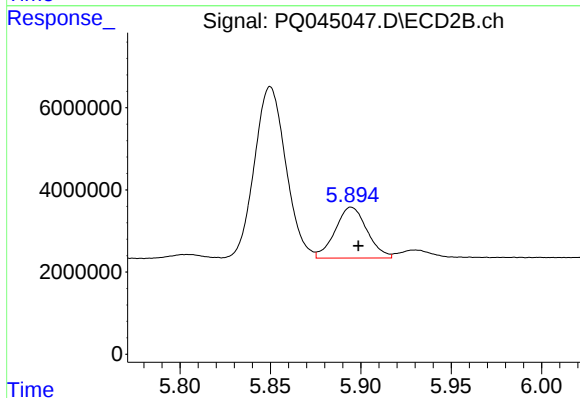
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 1265660
Conc: 21.37 ng/ml



#14 AR-1232-4

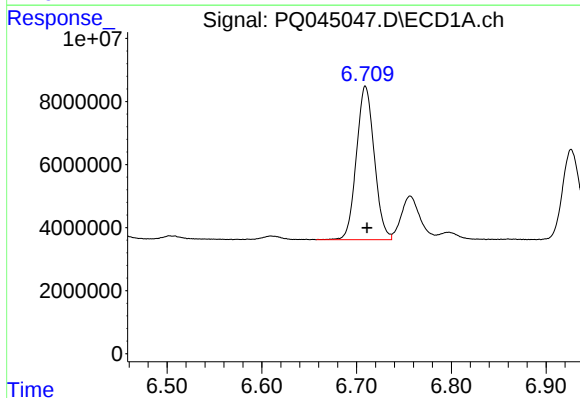
R.T.: 6.610 min
Delta R.T.: -0.004 min
Response: 1341640
Conc: 15.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



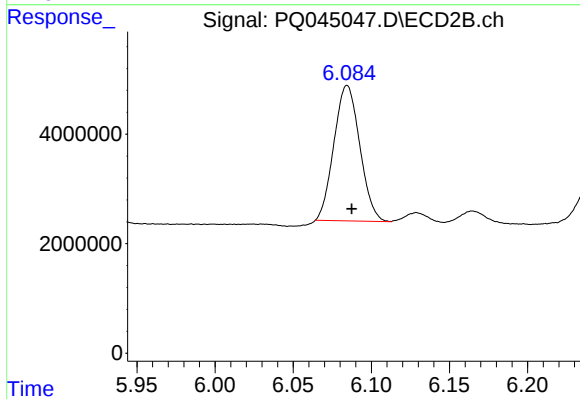
#14 AR-1232-4

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 15188377
Conc: 252.66 ng/ml



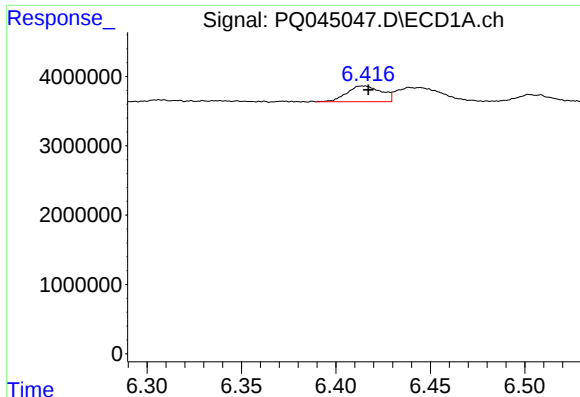
#15 AR-1232-5

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 63758010
Conc: 961.08 ng/ml



#15 AR-1232-5

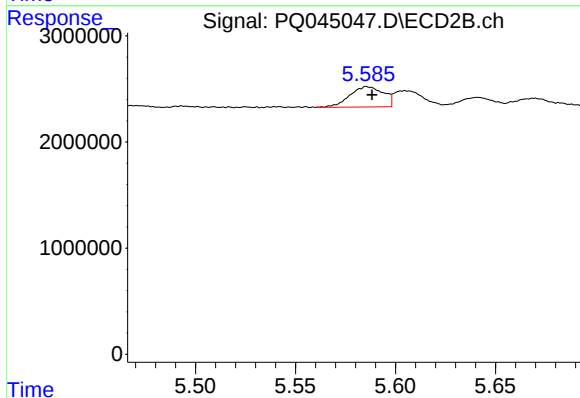
R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 28491055
Conc: 391.18 ng/ml



#16 AR-1242-1

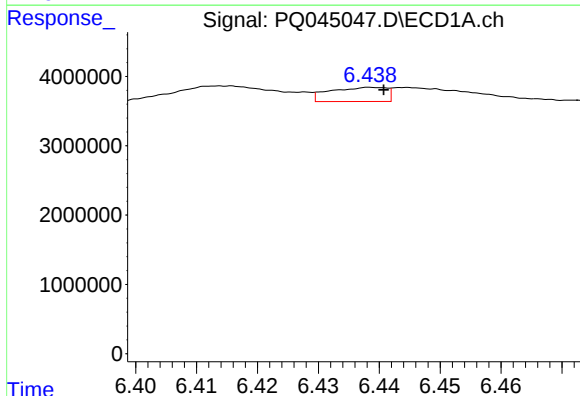
R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 2865325
Conc: 13.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



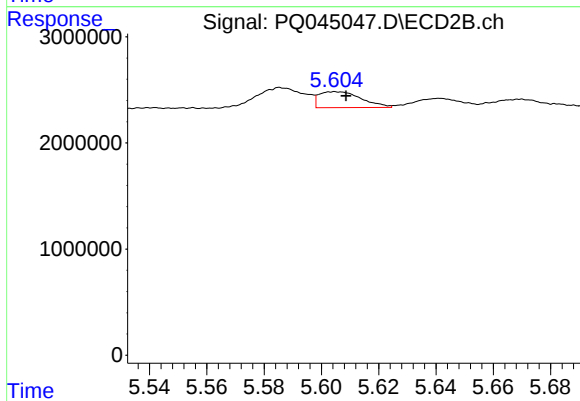
#16 AR-1242-1

R.T.: 5.586 min
Delta R.T.: -0.003 min
Response: 2249088
Conc: 14.34 ng/ml



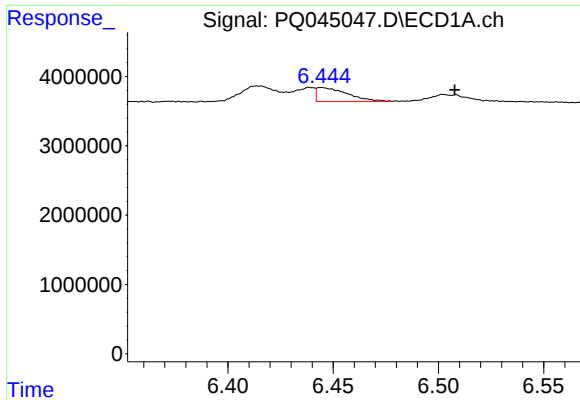
#17 AR-1242-2

R.T.: 6.439 min
Delta R.T.: -0.002 min
Response: 1313311
Conc: 4.08 ng/ml



#17 AR-1242-2

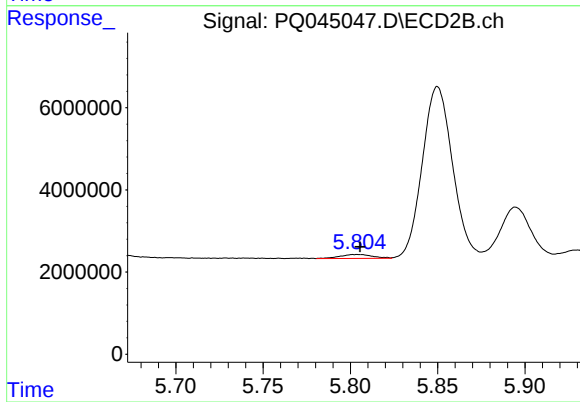
R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 1544717
Conc: 6.90 ng/ml



#18 AR-1242-3

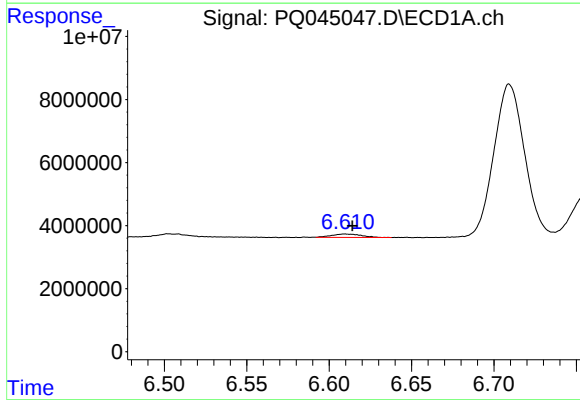
R.T.: 6.444 min
Delta R.T.: -0.063 min
Response: 2034133
Conc: 10.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



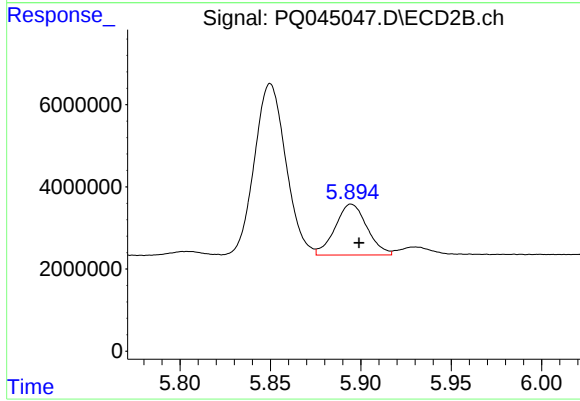
#18 AR-1242-3

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 1265660
Conc: 11.39 ng/ml



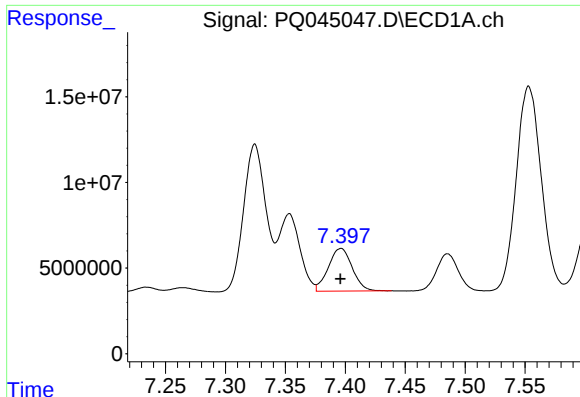
#19 AR-1242-4

R.T.: 6.610 min
Delta R.T.: -0.004 min
Response: 1341640
Conc: 8.31 ng/ml



#19 AR-1242-4

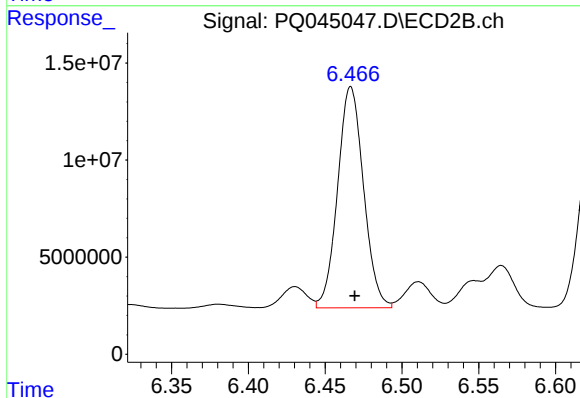
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 15188377
Conc: 127.37 ng/ml



#20 AR-1242-5

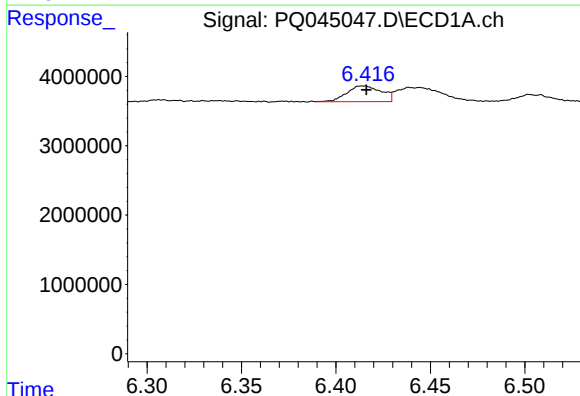
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 34692794
Conc: 191.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



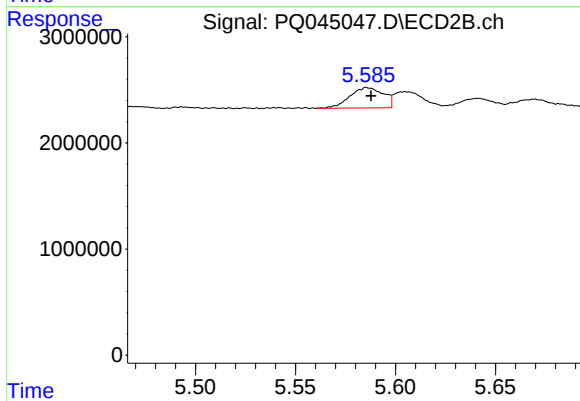
#20 AR-1242-5

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 133793107
Conc: 814.81 ng/ml



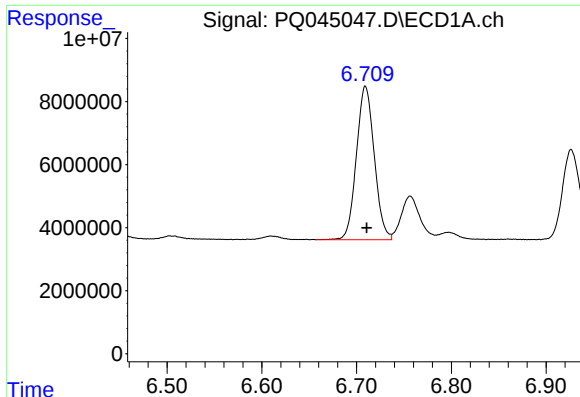
#21 AR-1248-1

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 2865325
Conc: 17.01 ng/ml



#21 AR-1248-1

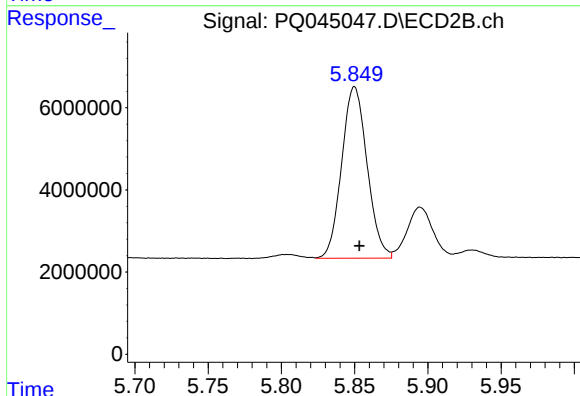
R.T.: 5.586 min
Delta R.T.: -0.002 min
Response: 2249088
Conc: 18.07 ng/ml



#22 AR-1248-2

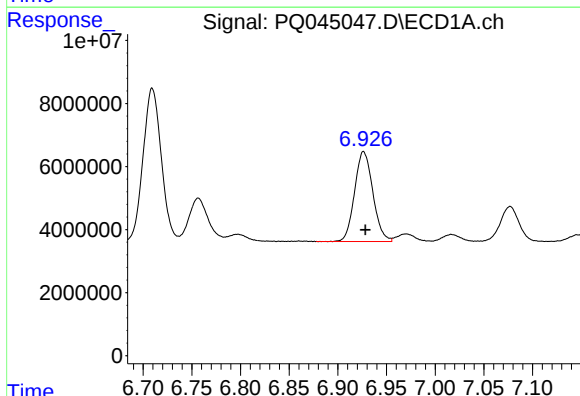
R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 63758010
Conc: 260.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



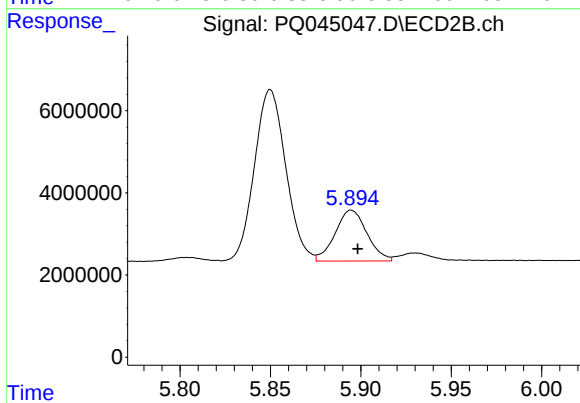
#22 AR-1248-2

R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 50503581
Conc: 296.68 ng/ml



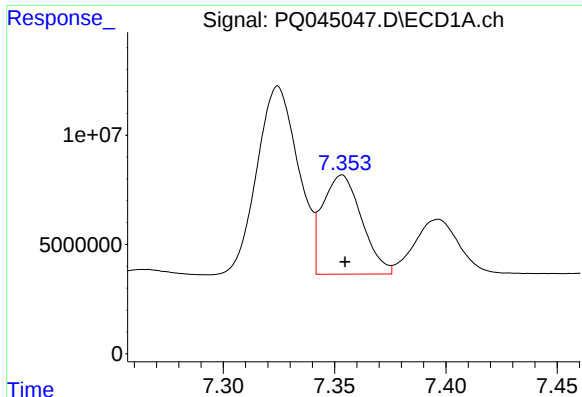
#23 AR-1248-3

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 37341891
Conc: 137.21 ng/ml



#23 AR-1248-3

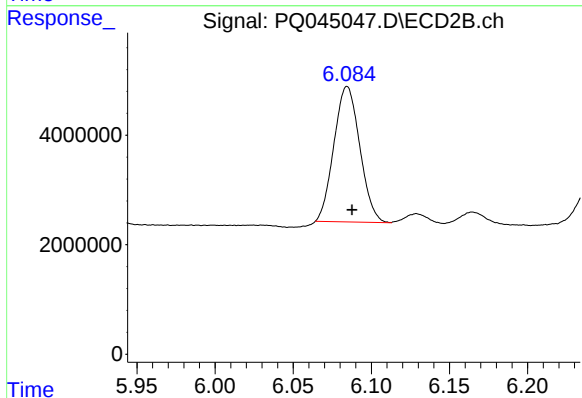
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 15188377
Conc: 84.93 ng/ml



#24 AR-1248-4

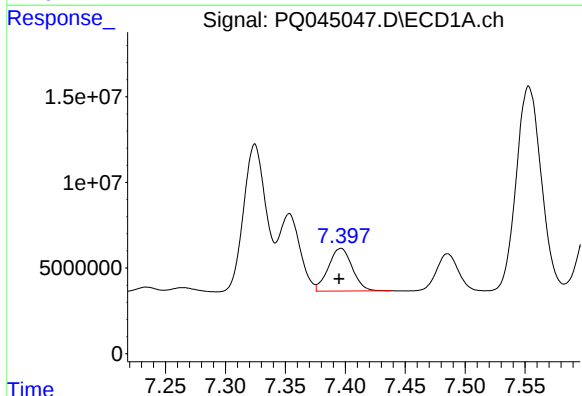
R.T.: 7.353 min
Delta R.T.: -0.001 min
Response: 55377142
Conc: 182.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



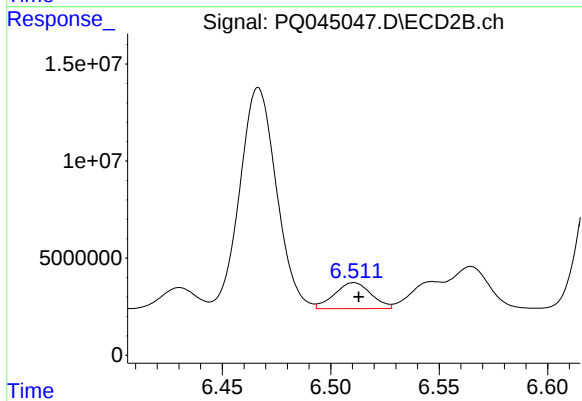
#24 AR-1248-4

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 28491055
Conc: 130.89 ng/ml



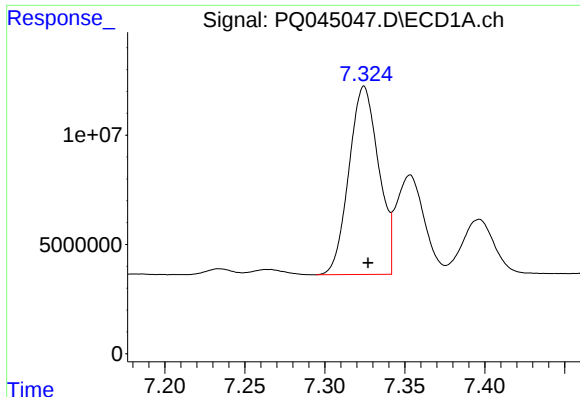
#25 AR-1248-5

R.T.: 7.396 min
Delta R.T.: 0.002 min
Response: 34692794
Conc: 121.28 ng/ml



#25 AR-1248-5

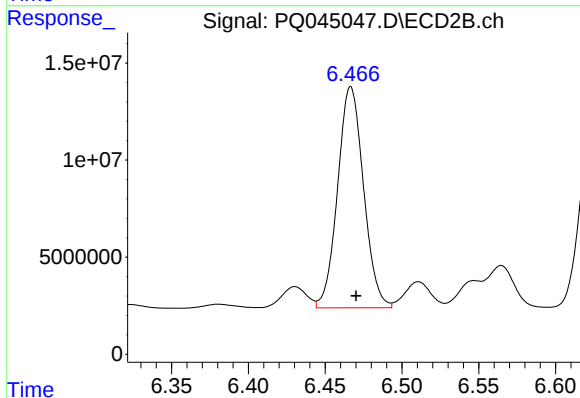
R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 15738940
Conc: 70.58 ng/ml



#26 AR-1254-1

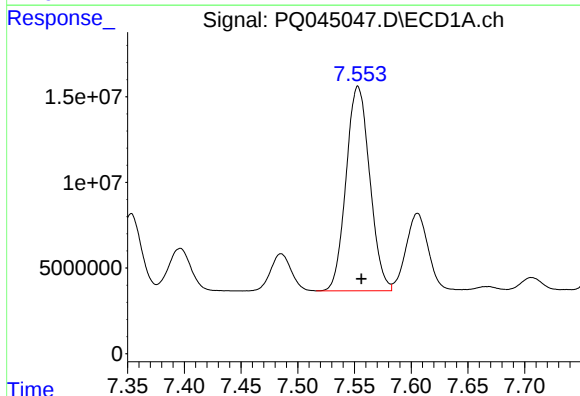
R.T.: 7.325 min
Delta R.T.: -0.002 min
Response: 111412674
Conc: 344.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



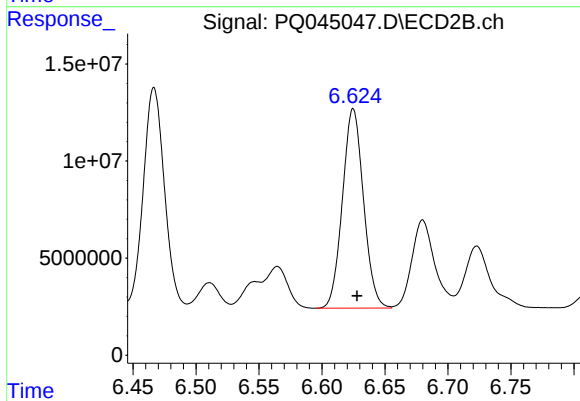
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 133793107
Conc: 367.79 ng/ml



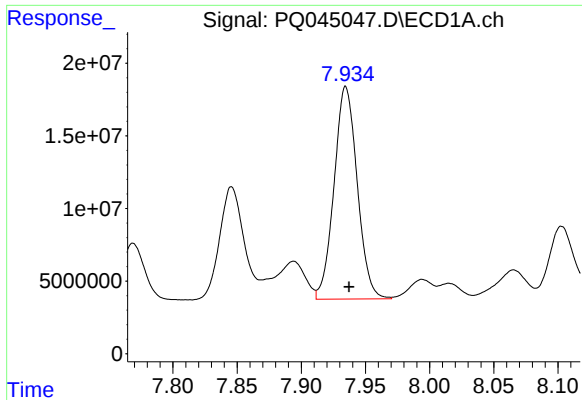
#27 AR-1254-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 173281946
Conc: 349.01 ng/ml



#27 AR-1254-2

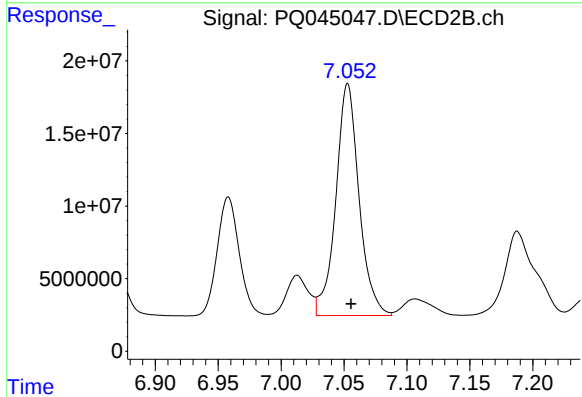
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 119649331
Conc: 371.49 ng/ml



#28 AR-1254-3

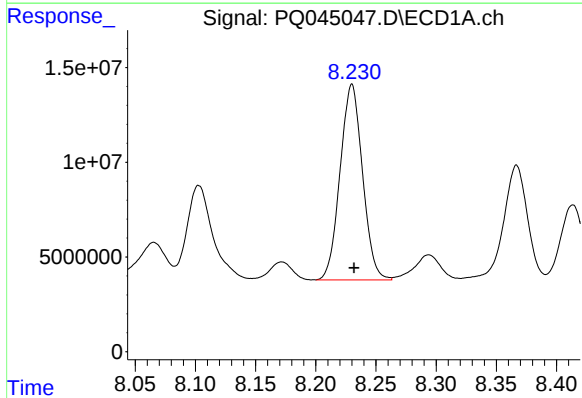
R.T.: 7.935 min
Delta R.T.: -0.003 min
Response: 183999619
Conc: 345.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



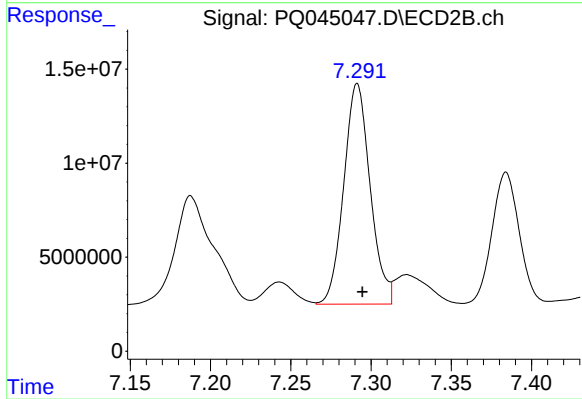
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 205475634
Conc: 370.43 ng/ml



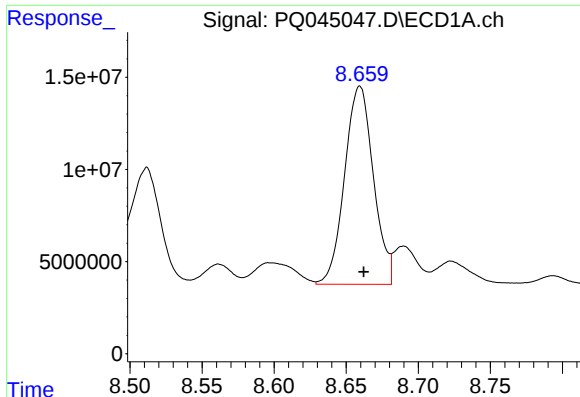
#29 AR-1254-4

R.T.: 8.230 min
Delta R.T.: -0.002 min
Response: 133918607
Conc: 346.68 ng/ml



#29 AR-1254-4

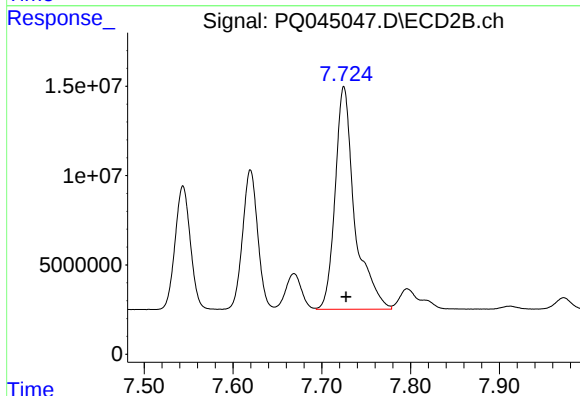
R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 134331420
Conc: 375.83 ng/ml



#30 AR-1254-5

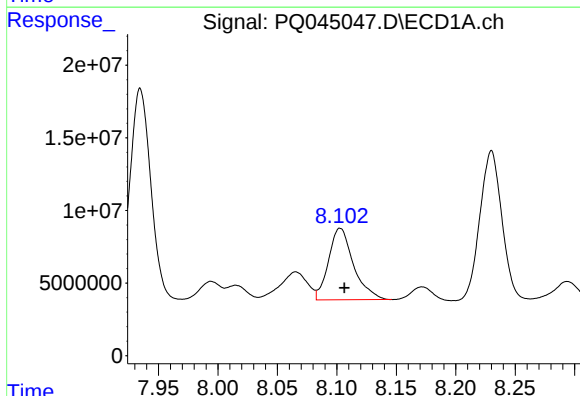
R.T.: 8.659 min
Delta R.T.: -0.003 min
Response: 149245643
Conc: 345.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



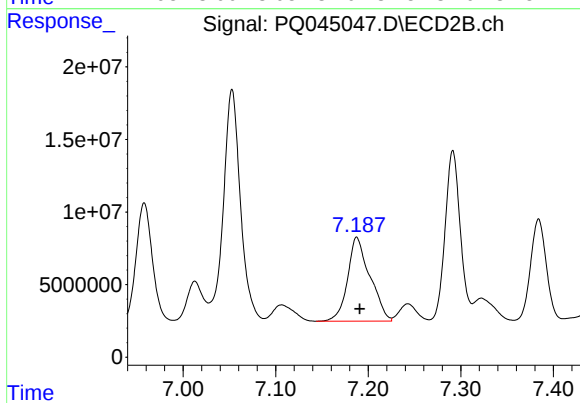
#30 AR-1254-5

R.T.: 7.725 min
Delta R.T.: -0.003 min
Response: 190725331
Conc: 381.43 ng/ml



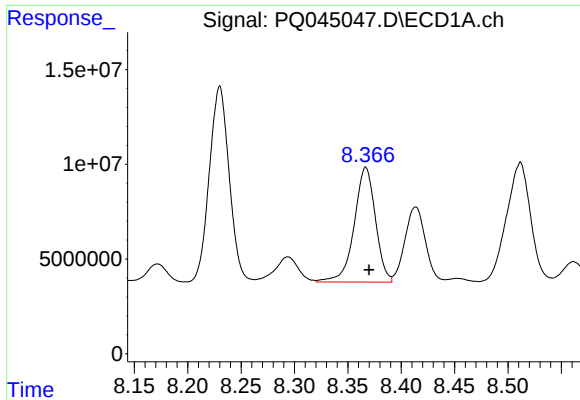
#31 AR-1260-1

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 72167093
Conc: 231.06 ng/ml



#31 AR-1260-1

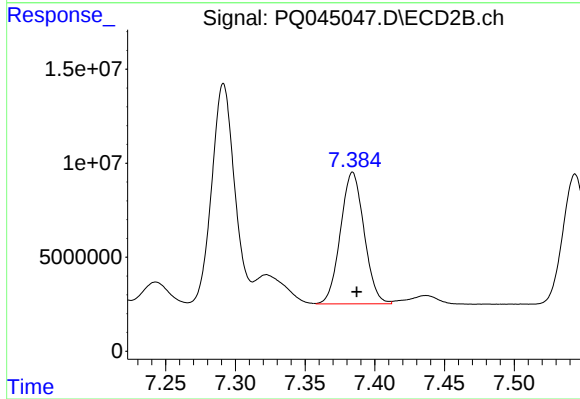
R.T.: 7.188 min
Delta R.T.: -0.003 min
Response: 96983387
Conc: 316.55 ng/ml



#32 AR-1260-2

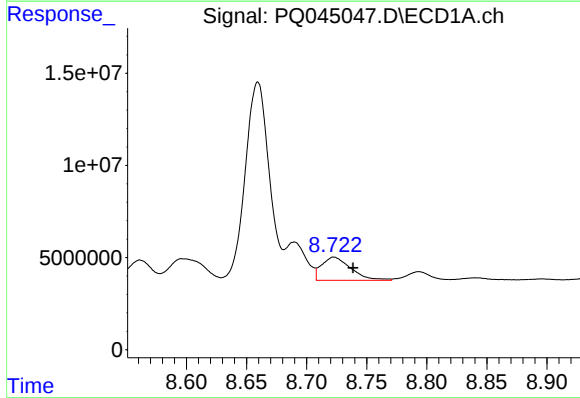
R.T.: 8.367 min
Delta R.T.: -0.003 min
Response: 83883146
Conc: 204.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



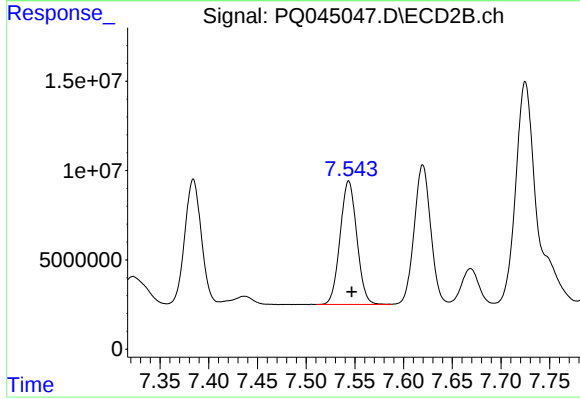
#32 AR-1260-2

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 82571787
Conc: 209.12 ng/ml



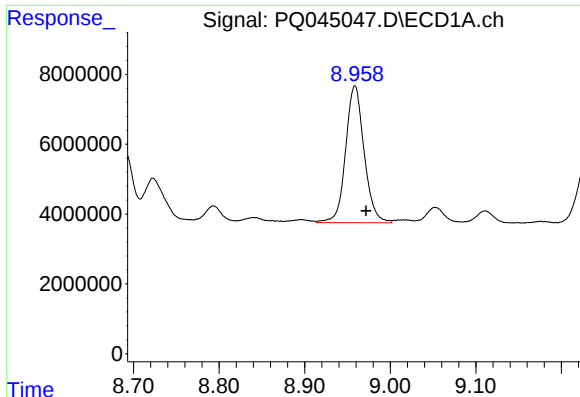
#33 AR-1260-3

R.T.: 8.723 min
Delta R.T.: -0.016 min
Response: 21372483
Conc: 65.46 ng/ml



#33 AR-1260-3

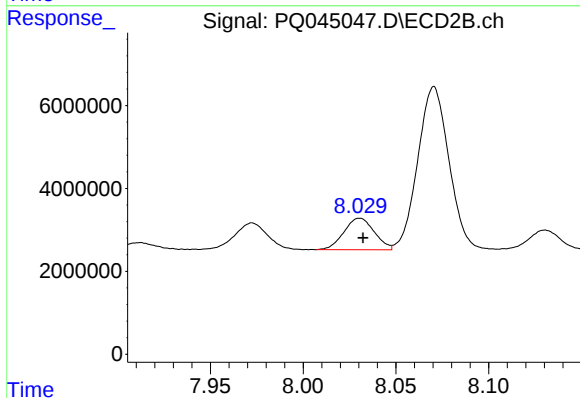
R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 82589074
Conc: 241.07 ng/ml



#34 AR-1260-4

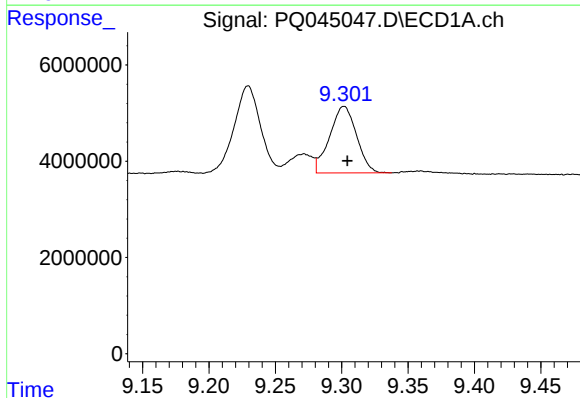
R.T.: 8.959 min
Delta R.T.: -0.013 min
Response: 58803687
Conc: 154.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



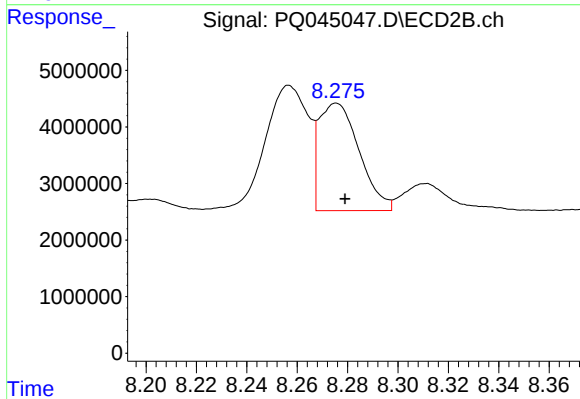
#34 AR-1260-4

R.T.: 8.031 min
Delta R.T.: -0.002 min
Response: 8699094
Conc: 28.37 ng/ml



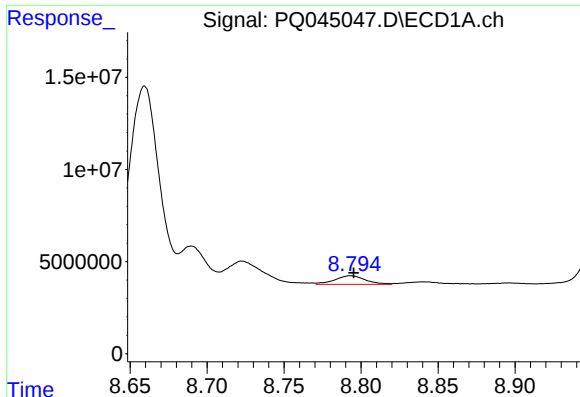
#35 AR-1260-5

R.T.: 9.302 min
Delta R.T.: -0.003 min
Response: 19569778
Conc: 25.42 ng/ml



#35 AR-1260-5

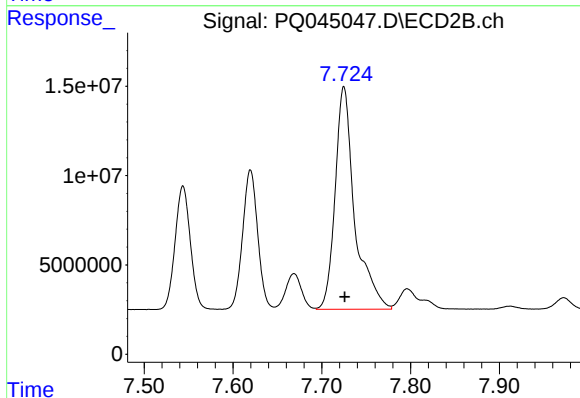
R.T.: 8.276 min
Delta R.T.: -0.003 min
Response: 21085924
Conc: 26.94 ng/ml



#36 AR-1262-1

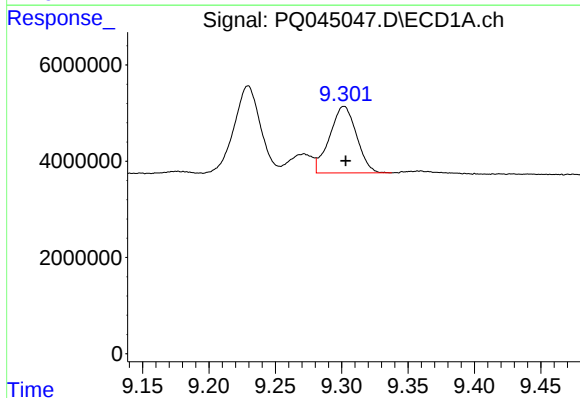
R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 6554958
Conc: 31.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



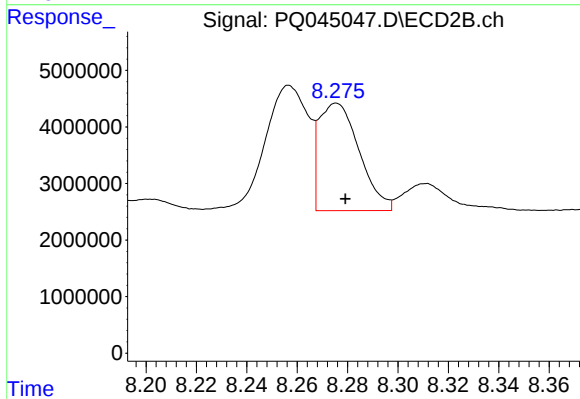
#36 AR-1262-1

R.T.: 7.725 min
Delta R.T.: 0.000 min
Response: 190725331
Conc: 753.58 ng/ml



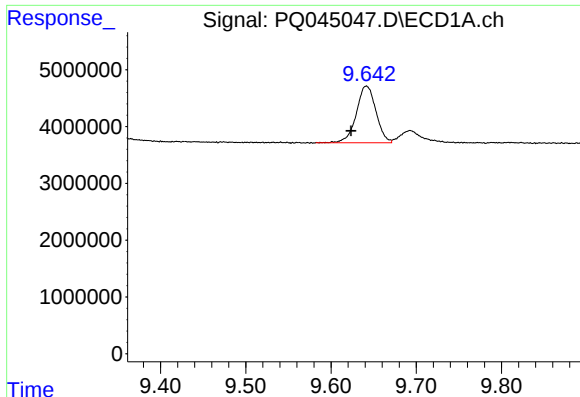
#37 AR-1262-2

R.T.: 9.302 min
Delta R.T.: -0.001 min
Response: 19569778
Conc: 21.67 ng/ml



#37 AR-1262-2

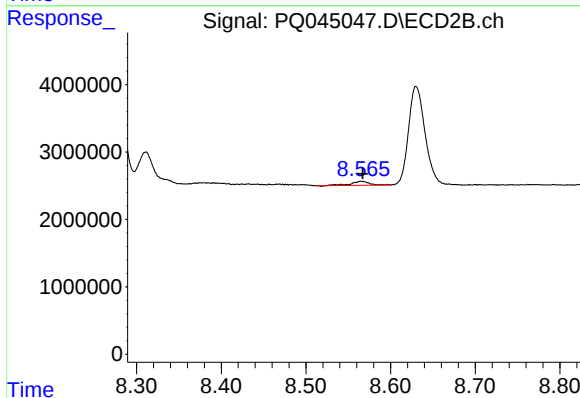
R.T.: 8.276 min
Delta R.T.: -0.004 min
Response: 21085924
Conc: 21.37 ng/ml



#38 AR-1262-3

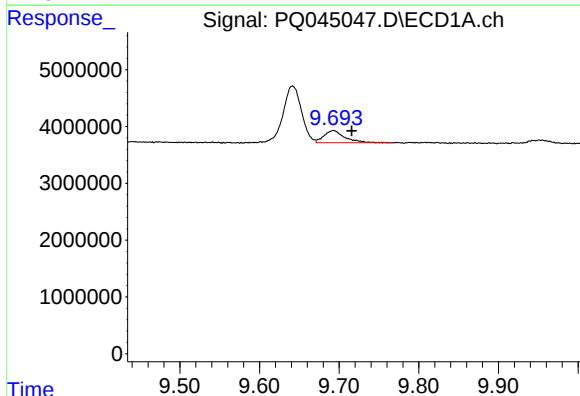
R.T.: 9.641 min
Delta R.T.: 0.018 min
Response: 15996281
Conc: 26.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



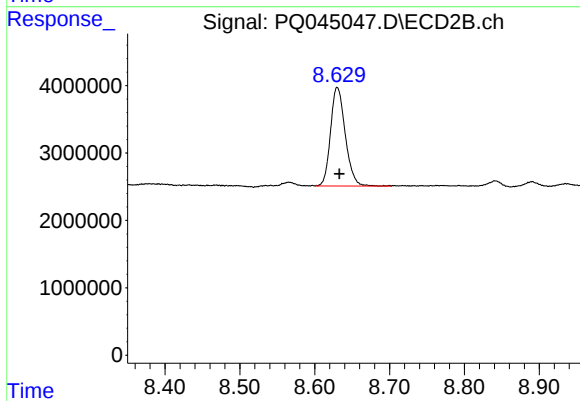
#38 AR-1262-3

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 913989
Conc: 2.37 ng/ml



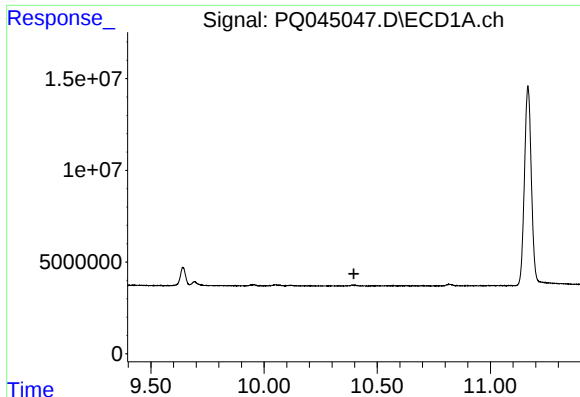
#39 AR-1262-4

R.T.: 9.693 min
Delta R.T.: -0.023 min
Response: 3935653
Conc: 8.66 ng/ml



#39 AR-1262-4

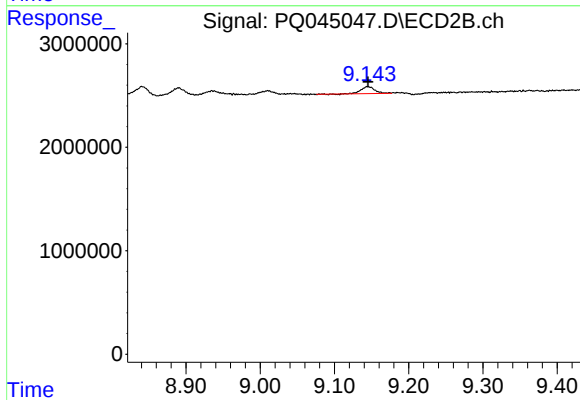
R.T.: 8.630 min
Delta R.T.: -0.003 min
Response: 19948498
Conc: 27.08 ng/ml



#40 AR-1262-5

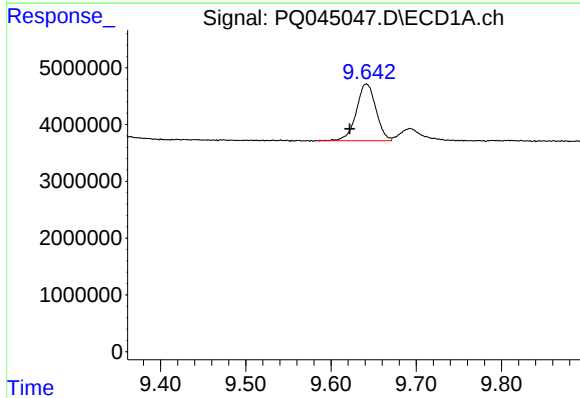
R.T.: 0.000 min
Exp R.T.: 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



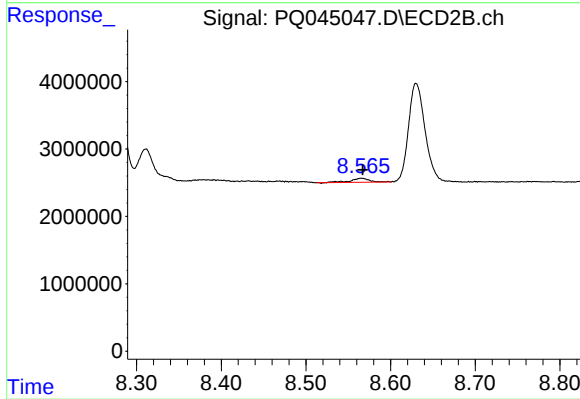
#40 AR-1262-5

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 830633
Conc: 2.39 ng/ml



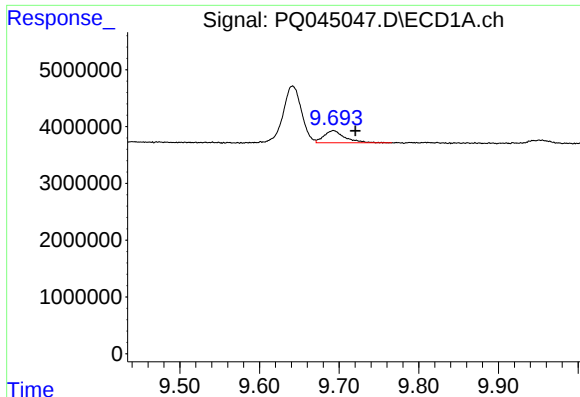
#41 AR-1268-1

R.T.: 9.641 min
Delta R.T.: 0.019 min
Response: 15996281
Conc: 14.32 ng/ml



#41 AR-1268-1

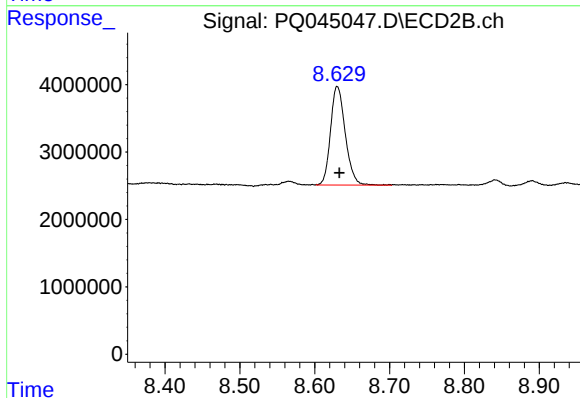
R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 913989
Conc: 0.76 ng/ml



#42 AR-1268-2

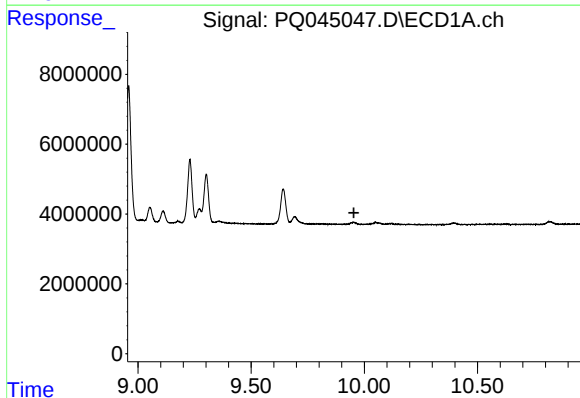
R.T.: 9.693 min
Delta R.T.: -0.028 min
Response: 3935653
Conc: 3.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



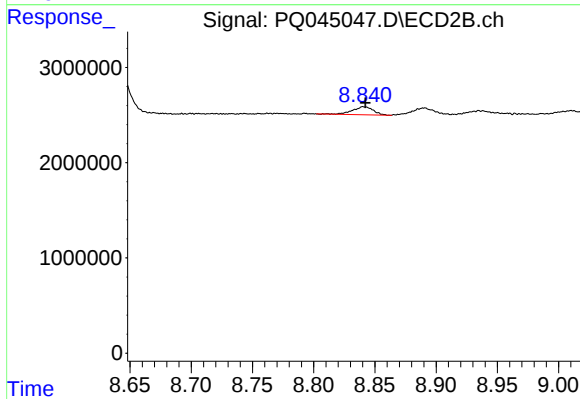
#42 AR-1268-2

R.T.: 8.630 min
Delta R.T.: -0.003 min
Response: 19948498
Conc: 17.91 ng/ml



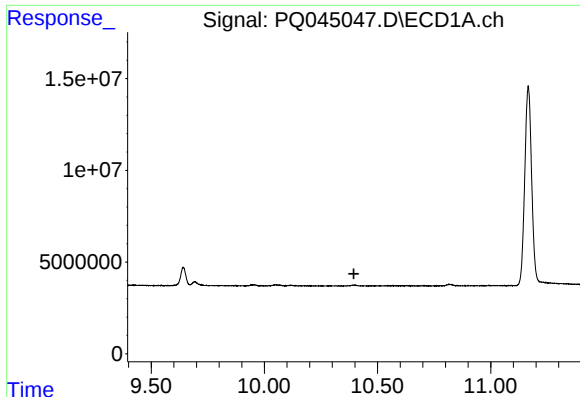
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

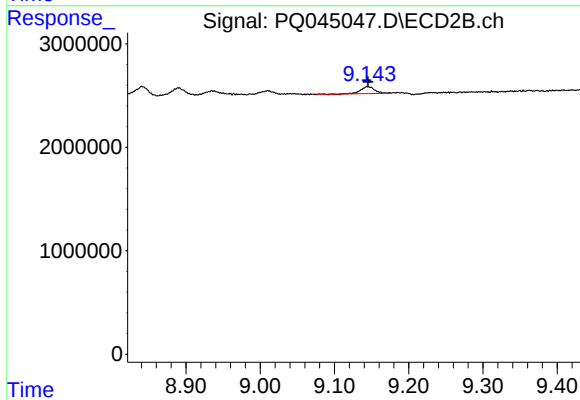
R.T.: 8.841 min
Delta R.T.: -0.001 min
Response: 1001525
Conc: 1.08 ng/ml



#44 AR-1268-4

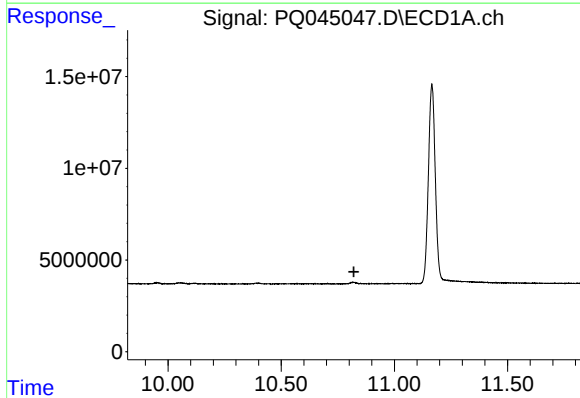
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



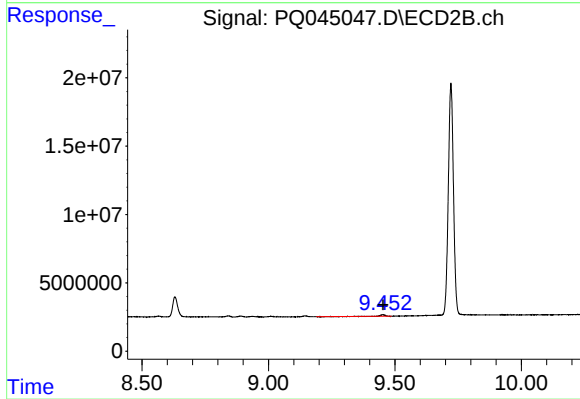
#44 AR-1268-4

R.T.: 9.145 min
Delta R.T.: 0.000 min
Response: 830633
Conc: 2.06 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 1198950
Conc: 0.40 ng/ml