

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091520\
 Data File : PQ049806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2020 14:01
 Operator : DD\AJ
 Sample : AR1242CCC500
 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: Sep 15 16:07:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Sep 14 14:52:16 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.226	4.275	514.0E6	249.0E6	48.213	48.018
2)	SA Decachlor...	11.437	9.631	332.8E6	255.3E6	41.532	47.468
Target Compounds							
3)	L1 AR-1016-1	6.559	5.538	129.3E6	83380015	425.397	368.557
4)	L1 AR-1016-2	6.583	5.558	180.6E6	111.4E6	408.261	359.900
5)	L1 AR-1016-3	6.650	5.751	114.9E6	59873925	400.263	394.273
6)	L1 AR-1016-4	6.760	5.801	94817048	47434903	370.213	415.167
7)	L1 AR-1016-5	7.073	6.032	89670995	65397545	415.380	407.407
8)	L2 AR-1221-1	5.476	4.530	19781880	6779783	163.102	119.842 #
9)	L2 AR-1221-2	5.582	4.632	25745207	10387027	283.865	242.986
10)	L2 AR-1221-3	5.670	4.721	78410071	37667681	299.032	274.856
11)	L3 AR-1232-1	5.670	4.721	78410071	37667681	364.795	341.427
12)	L3 AR-1232-2	6.263	5.558	93293707	111.4E6	827.912	871.452
13)	L3 AR-1232-3	6.583	5.751	180.6E6	59873925	960.312	969.935
14)	L3 AR-1232-4	6.760	5.846	94817048	57542500	795.060	1072.093 #
15)	L3 AR-1232-5	6.852	6.032	84154036	65397545	929.453	1049.847
16)	L4 AR-1242-1	6.559	5.538	129.3E6	83380015	441.585	436.970
17)	L4 AR-1242-2	6.583	5.558	180.6E6	111.4E6	457.293	426.689
18)	L4 AR-1242-3	6.650	5.751	114.9E6	59873925	459.983	428.044
19)	L4 AR-1242-4	6.760	5.846	94817048	57542500	453.596	441.444
20)	L4 AR-1242-5	7.543	6.410	89649923	87108381	439.455	460.846
21)	L5 AR-1248-1	6.559	5.538	129.3E6	83380015	684.681	623.616
22)	L5 AR-1248-2	6.852	5.801	84154036	47434903	314.699	302.321
23)	L5 AR-1248-3	7.073	5.846	89670995	57542500	336.643	346.840
24)	L5 AR-1248-4	7.503	6.032	87381307	65397545	280.903	313.972
25)	L5 AR-1248-5	7.543	6.454	89649923	69456695	296.833	303.534
26)	L6 AR-1254-1	7.472	6.410	71800691	87108381	252.180	263.982
27)	L6 AR-1254-2	7.710	6.569	86140063	30319791	195.115	105.324 #
28)	L6 AR-1254-3	8.086	6.991	39116343	41512749	86.907	86.604
29)	L6 AR-1254-4	8.383	7.230	30486633	29209288	85.211	83.525
30)	L6 AR-1254-5	8.813	7.659	17534070	20024914	46.706	43.842
31)	L7 AR-1260-1	8.251	7.139	8823771	21938539	24.862	66.983 #
32)	L7 AR-1260-2	8.514	7.323	11966325	10577389	27.263	22.416
33)	L7 AR-1260-3	8.877	7.479	4182697	11191542	11.965	28.406 #
34)	L7 AR-1260-4	9.125	7.966	7999635	3633973	20.473	10.889 #
35)	L7 AR-1260-5	9.475	8.210	3632673	3924176	4.422	4.420
36)	L8 AR-1262-1	8.877	7.659	4182697	20024914	9.116	81.241 #
37)	L8 AR-1262-2	9.475	8.210	3632673	3924176	4.319	4.078
38)	L8 AR-1262-3	0.000	8.502	0	3815548	N.D.	10.279 #
39)	L8 AR-1262-4	9.914	8.559	449371	5371249	0.963	8.519 #
40)	L8 AR-1262-5	10.624	9.059	1238983	1822972	3.718	6.521 #
41)	L9 AR-1268-1	9.840f	8.502	2155696	3815548	2.073	3.400 #

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 Acq On : 15 Sep 2020 14:01
 Operator : DD\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

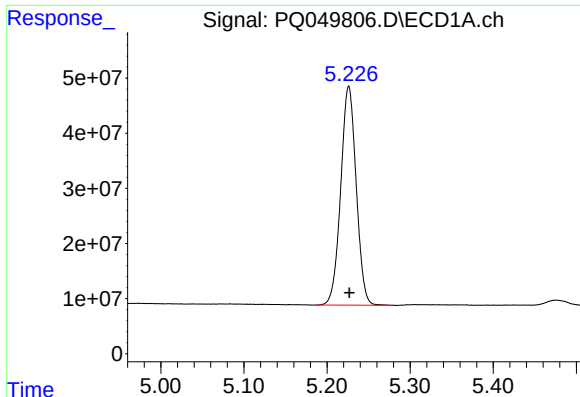
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 16:07:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091020.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	9.914	8.559	449371	5371249	0.457	5.681 #
43) L9	AR-1268-3	10.153	8.771	3688625	3896171	4.234	5.228
44) L9	AR-1268-4	10.624	9.076	1238983	1951282	3.285	5.907 #
45) L9	AR-1268-5	11.075	9.368	3862342	3387434	1.503	1.604

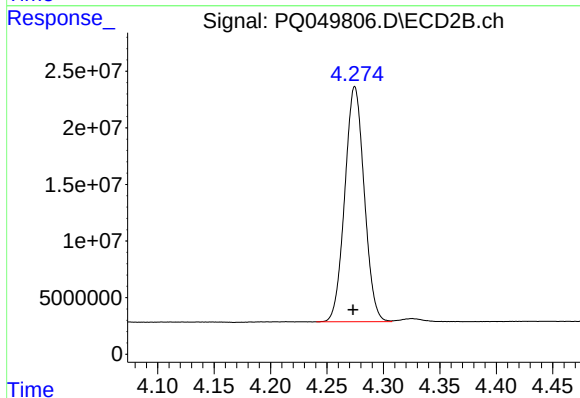
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

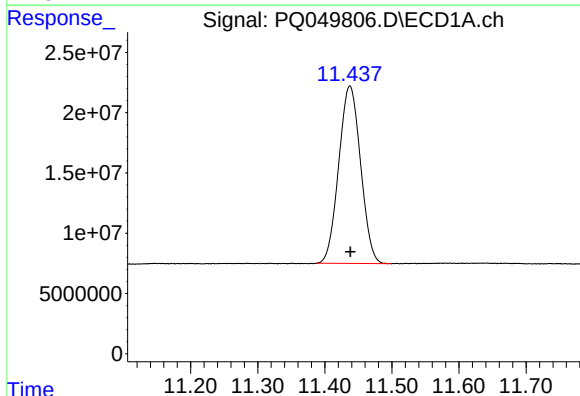
R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 513964004
Conc: 48.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



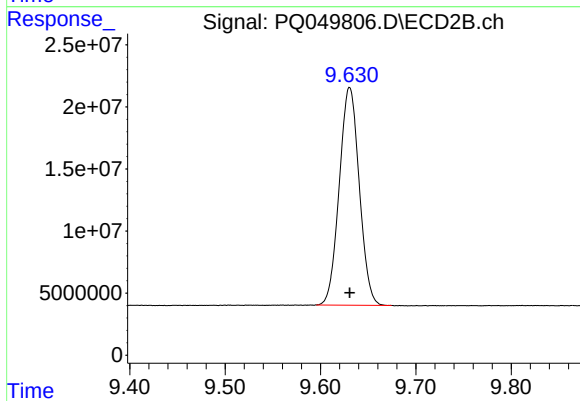
#1 Tetrachloro-m-xylene

R.T.: 4.275 min
Delta R.T.: 0.001 min
Response: 248954625
Conc: 48.02 ng/ml



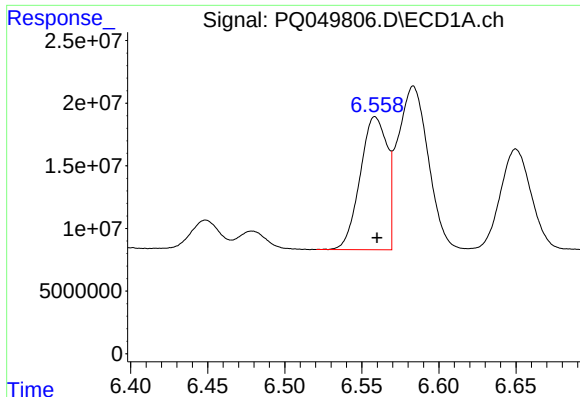
#2 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: 0.000 min
Response: 332797885
Conc: 41.53 ng/ml



#2 Decachlorobiphenyl

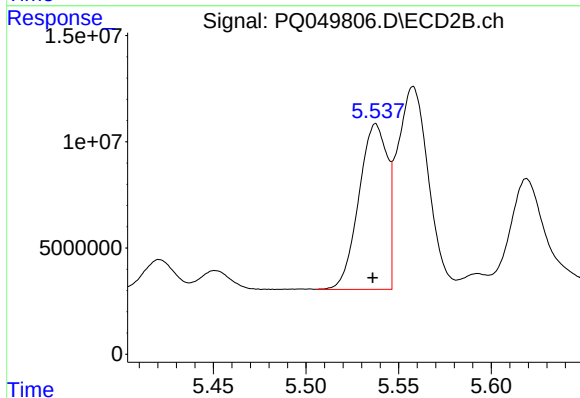
R.T.: 9.631 min
Delta R.T.: 0.000 min
Response: 255333506
Conc: 47.47 ng/ml



#3 AR-1016-1

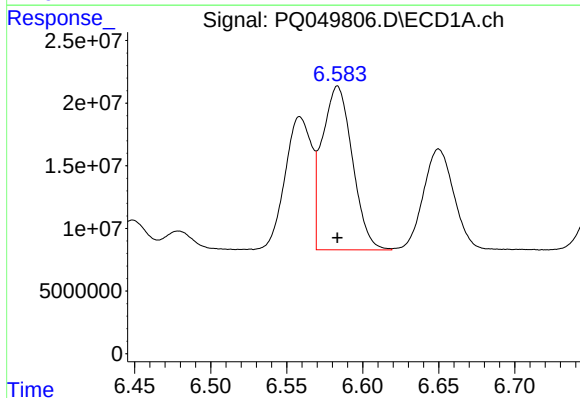
R.T.: 6.559 min
Delta R.T.: -0.001 min
Response: 129272110
Conc: 425.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



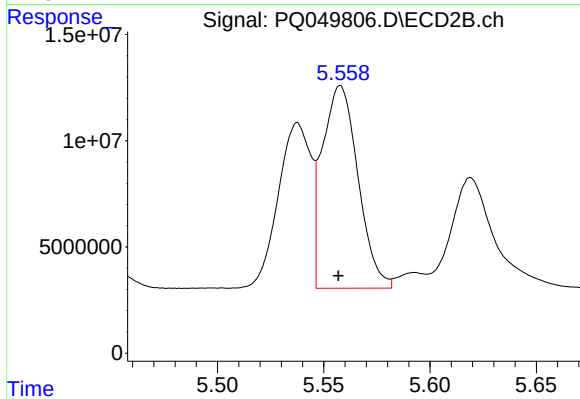
#3 AR-1016-1

R.T.: 5.538 min
Delta R.T.: 0.002 min
Response: 83380015
Conc: 368.56 ng/ml



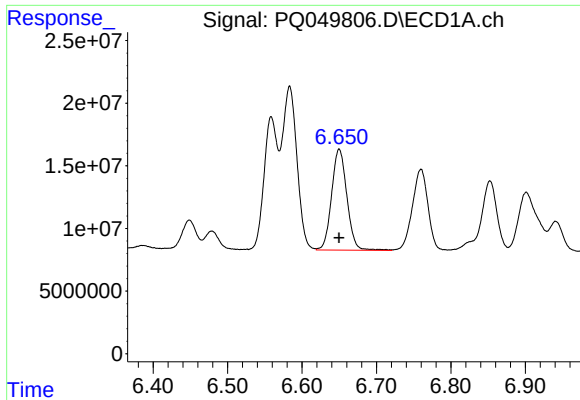
#4 AR-1016-2

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 180619833
Conc: 408.26 ng/ml



#4 AR-1016-2

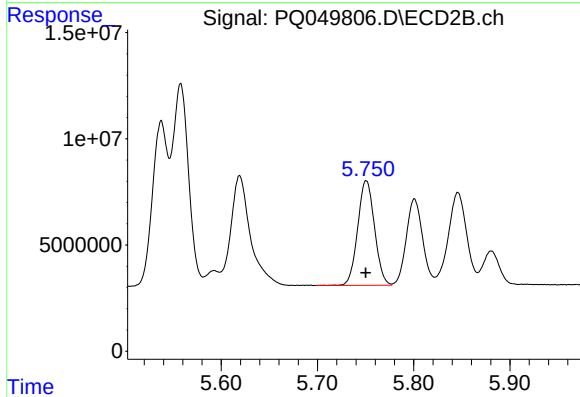
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 111419406
Conc: 359.90 ng/ml



#5 AR-1016-3

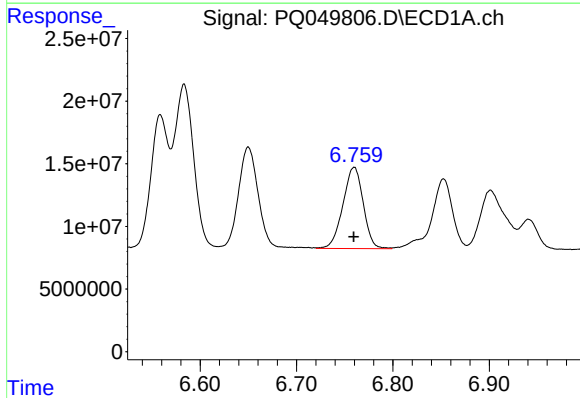
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 114889349
Conc: 400.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



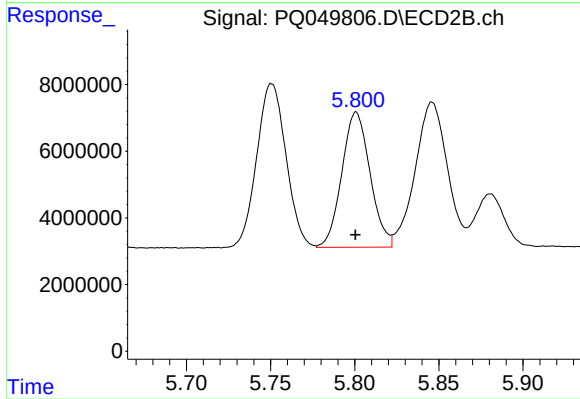
#5 AR-1016-3

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 59873925
Conc: 394.27 ng/ml



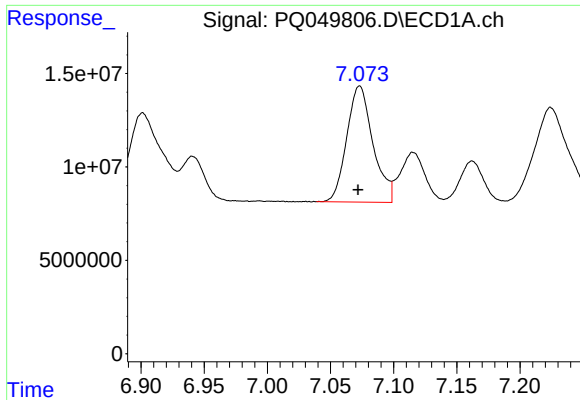
#6 AR-1016-4

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 94817048
Conc: 370.21 ng/ml



#6 AR-1016-4

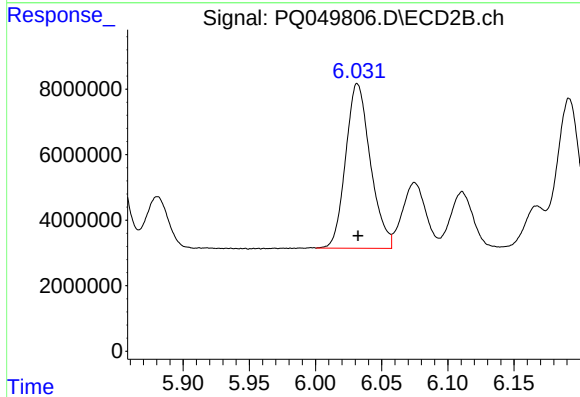
R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 47434903
Conc: 415.17 ng/ml



#7 AR-1016-5

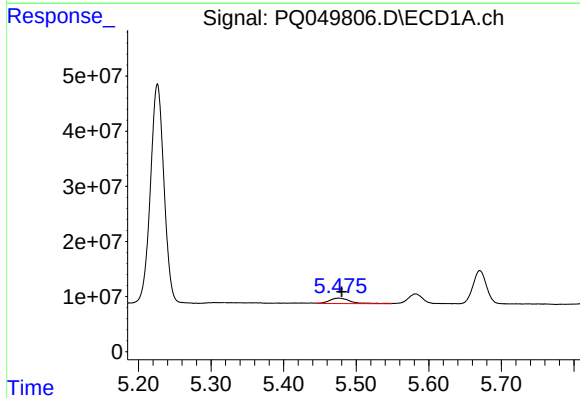
R.T.: 7.073 min
Delta R.T.: 0.001 min
Response: 89670995
Conc: 415.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



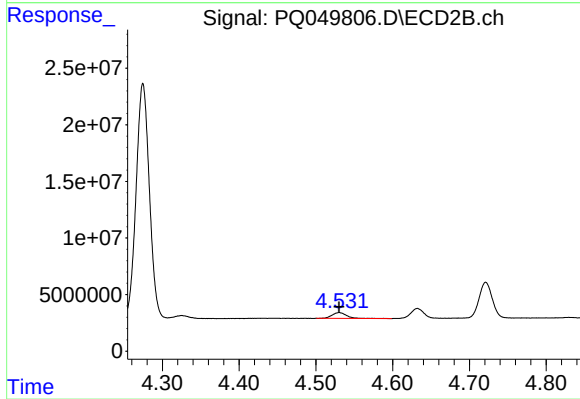
#7 AR-1016-5

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 65397545
Conc: 407.41 ng/ml



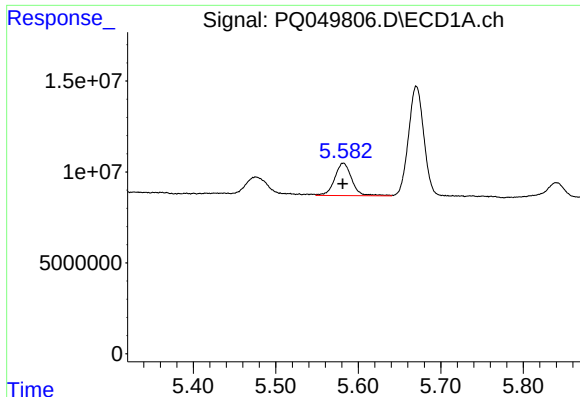
#8 AR-1221-1

R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 19781880
Conc: 163.10 ng/ml



#8 AR-1221-1

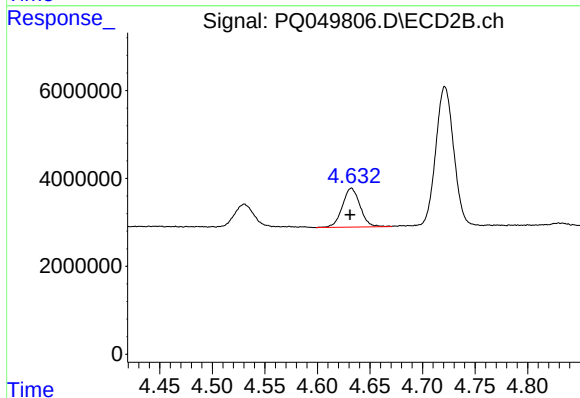
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 6779783
Conc: 119.84 ng/ml



#9 AR-1221-2

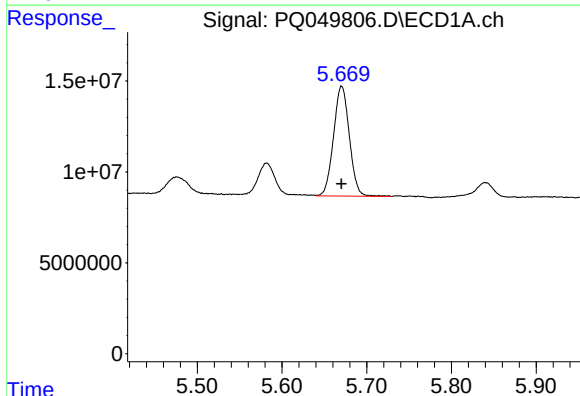
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 25745207
Conc: 283.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



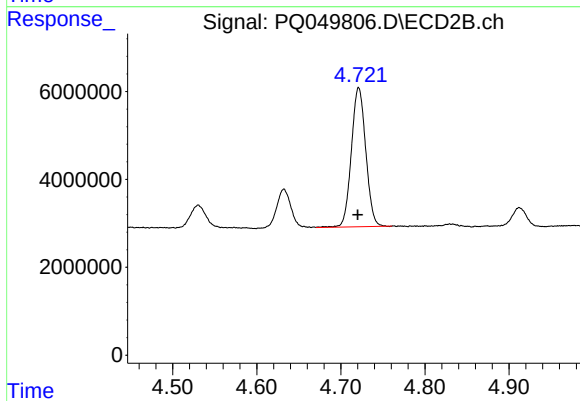
#9 AR-1221-2

R.T.: 4.632 min
Delta R.T.: 0.001 min
Response: 10387027
Conc: 242.99 ng/ml



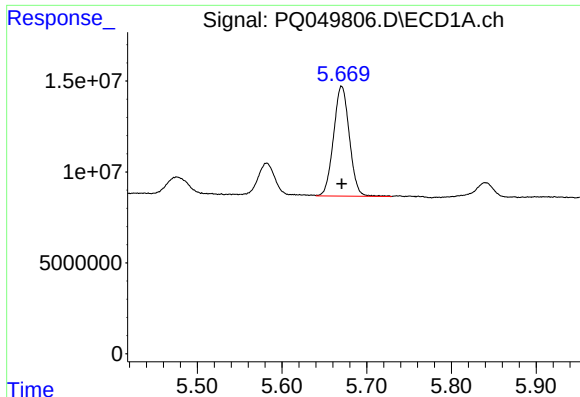
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 78410071
Conc: 299.03 ng/ml



#10 AR-1221-3

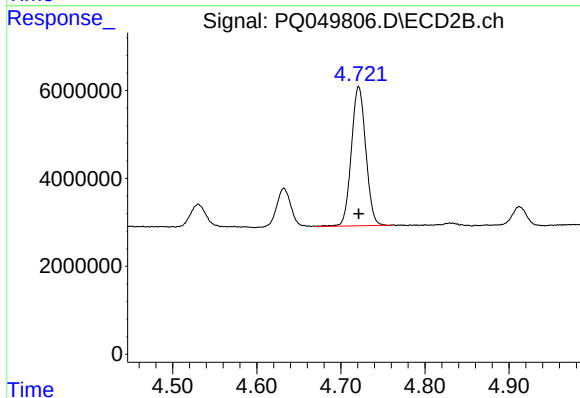
R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 37667681
Conc: 274.86 ng/ml



#11 AR-1232-1

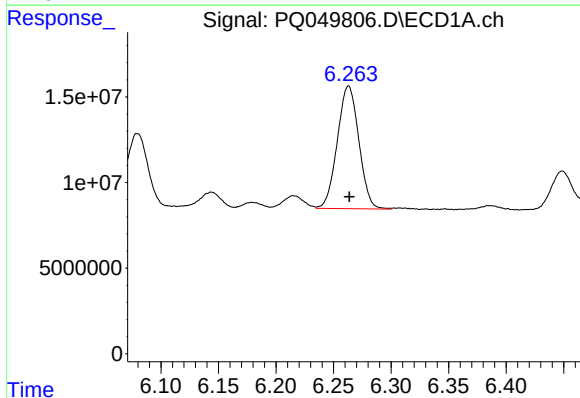
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 78410071
Conc: 364.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



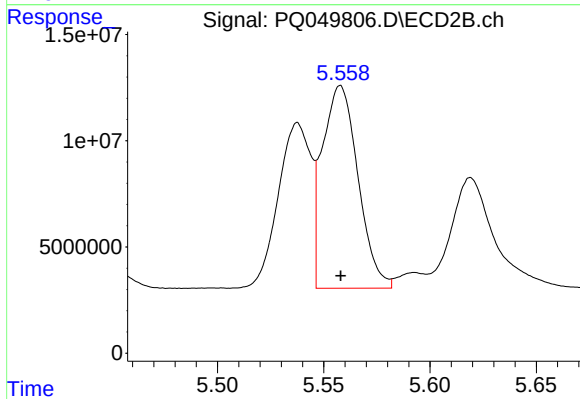
#11 AR-1232-1

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 37667681
Conc: 341.43 ng/ml



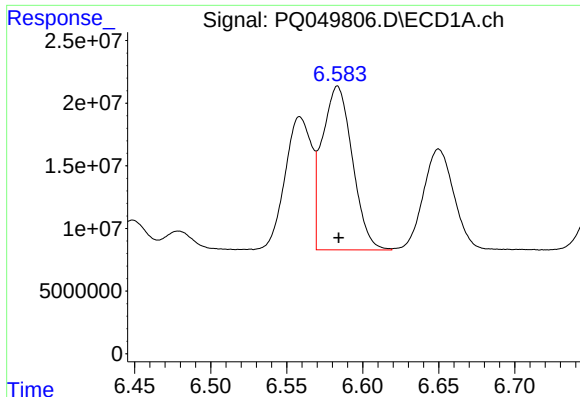
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 93293707
Conc: 827.91 ng/ml



#12 AR-1232-2

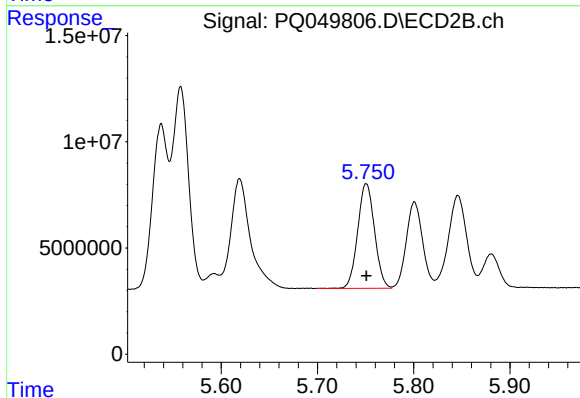
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 111419406
Conc: 871.45 ng/ml



#13 AR-1232-3

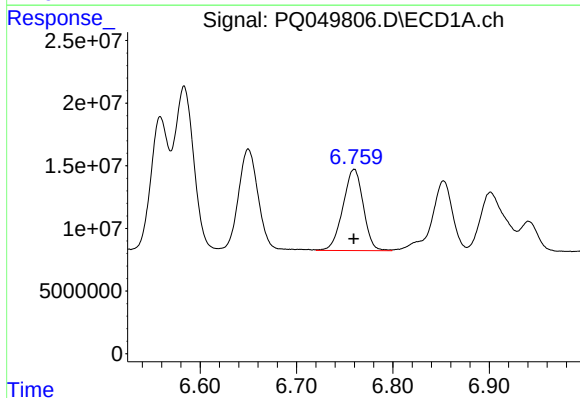
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 180619833
Conc: 960.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



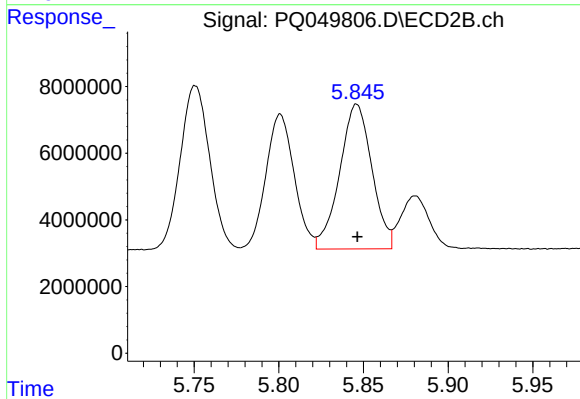
#13 AR-1232-3

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 59873925
Conc: 969.94 ng/ml



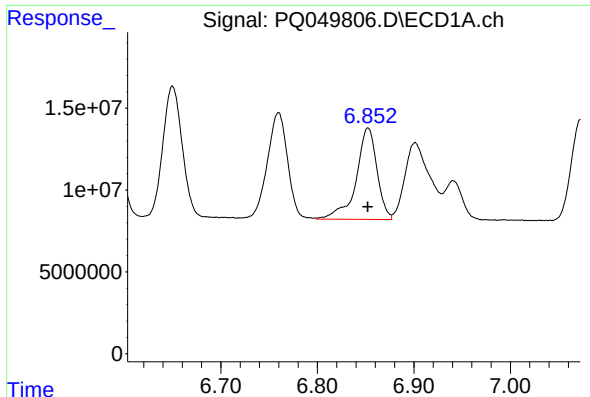
#14 AR-1232-4

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 94817048
Conc: 795.06 ng/ml



#14 AR-1232-4

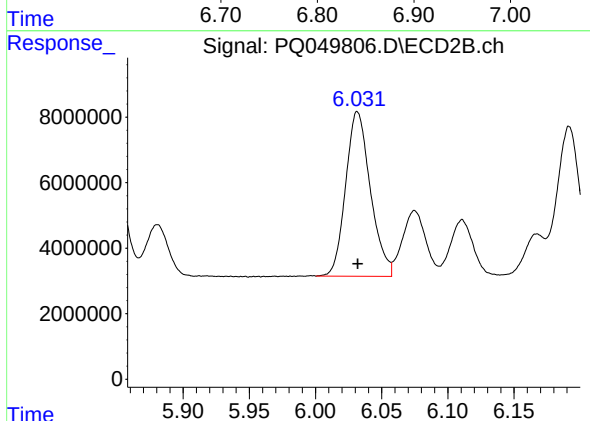
R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 57542500
Conc: 1072.09 ng/ml



#15 AR-1232-5

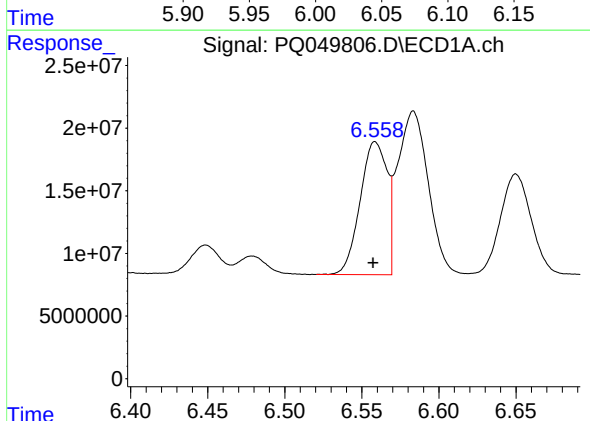
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 84154036
Conc: 929.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



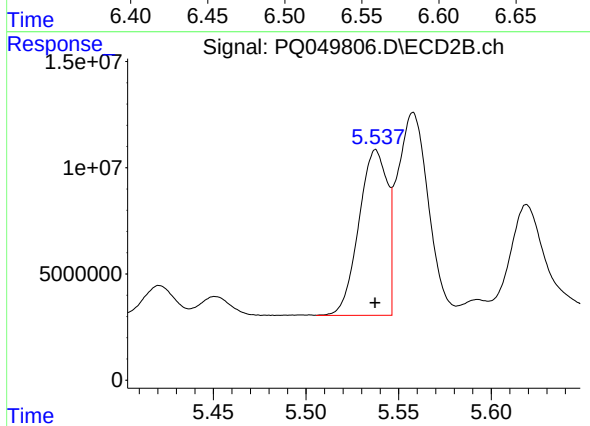
#15 AR-1232-5

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 65397545
Conc: 1049.85 ng/ml



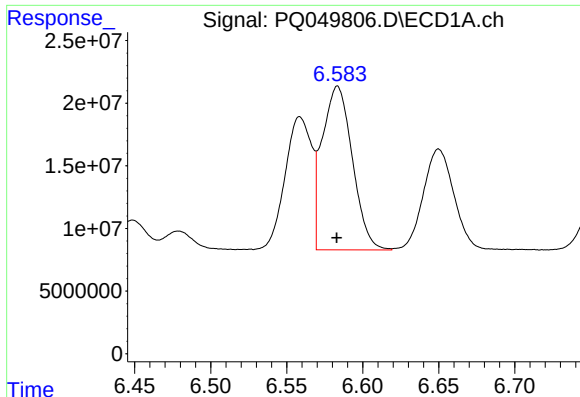
#16 AR-1242-1

R.T.: 6.559 min
Delta R.T.: 0.002 min
Response: 129272110
Conc: 441.58 ng/ml



#16 AR-1242-1

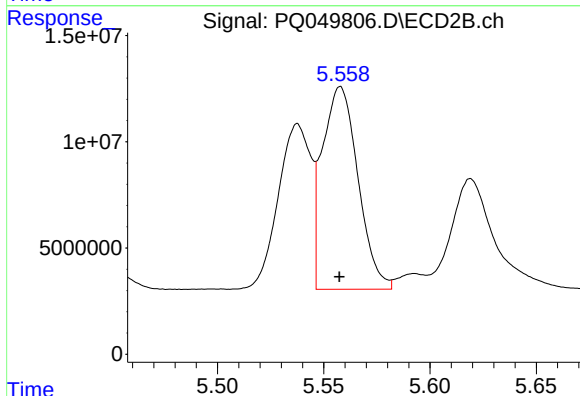
R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 83380015
Conc: 436.97 ng/ml



#17 AR-1242-2

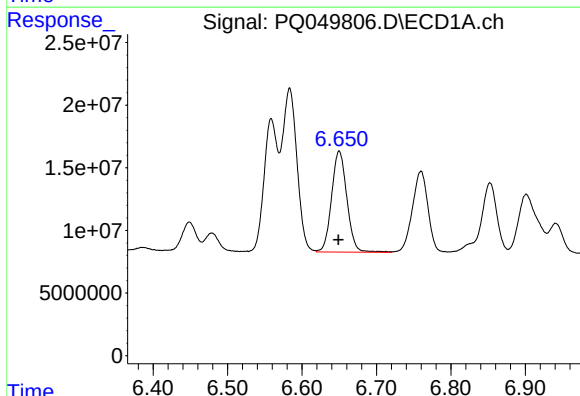
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 180619833
Conc: 457.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



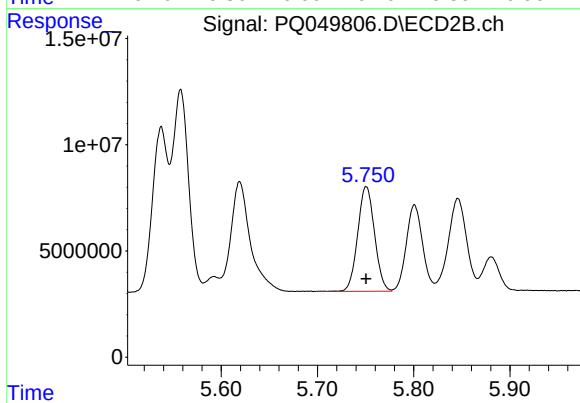
#17 AR-1242-2

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 111419406
Conc: 426.69 ng/ml



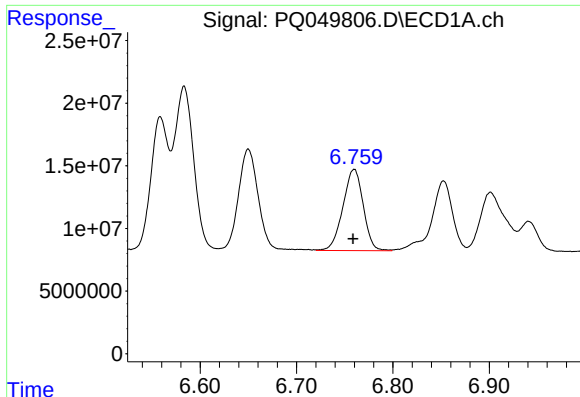
#18 AR-1242-3

R.T.: 6.650 min
Delta R.T.: 0.001 min
Response: 114889349
Conc: 459.98 ng/ml



#18 AR-1242-3

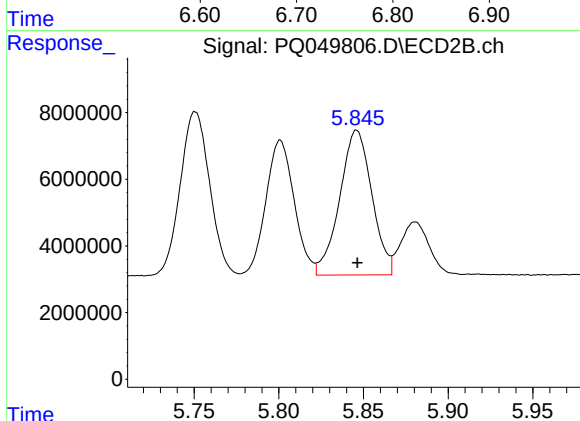
R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 59873925
Conc: 428.04 ng/ml



#19 AR-1242-4

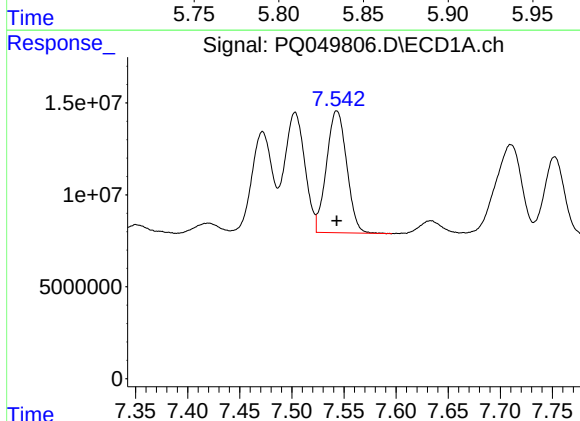
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 94817048
Conc: 453.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



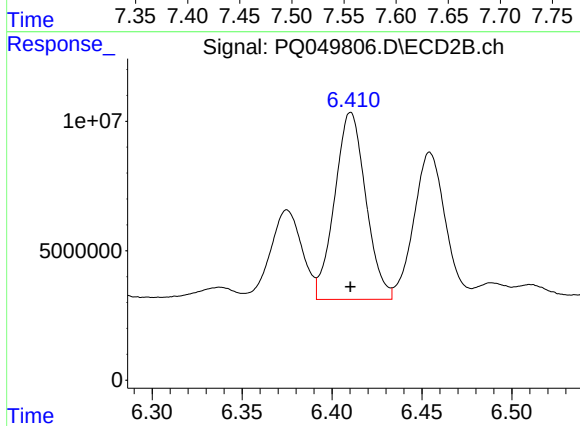
#19 AR-1242-4

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 57542500
Conc: 441.44 ng/ml



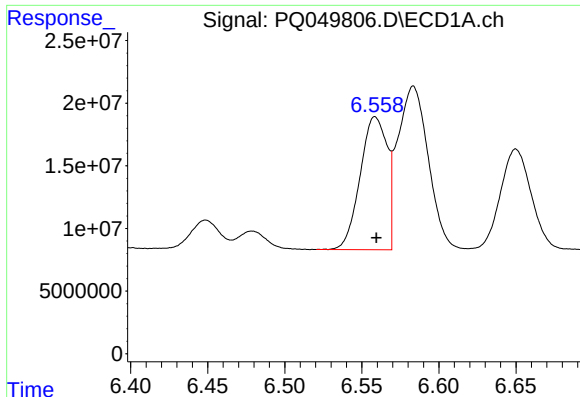
#20 AR-1242-5

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 89649923
Conc: 439.46 ng/ml



#20 AR-1242-5

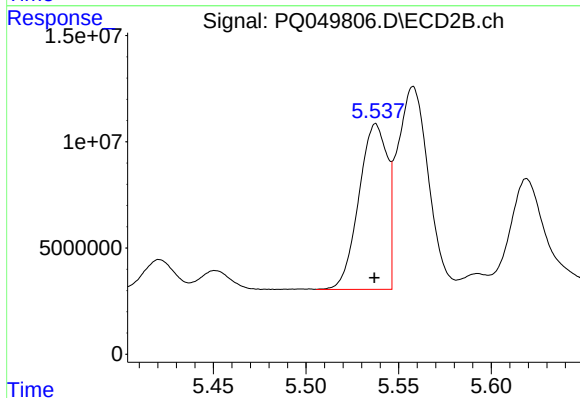
R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 87108381
Conc: 460.85 ng/ml



#21 AR-1248-1

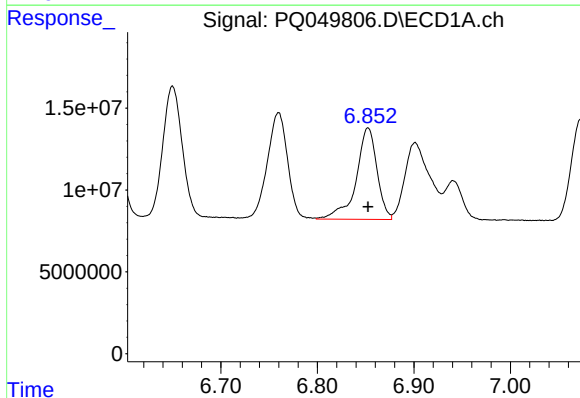
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 129272110
Conc: 684.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



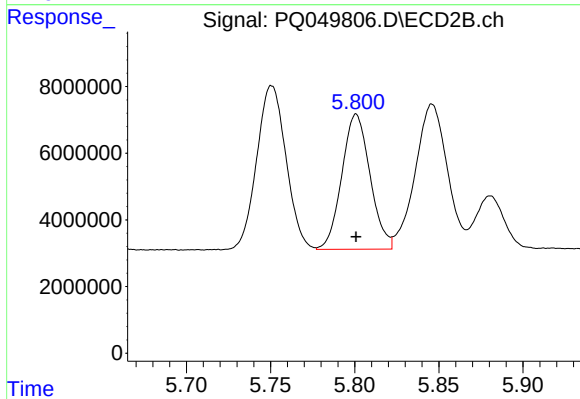
#21 AR-1248-1

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 83380015
Conc: 623.62 ng/ml



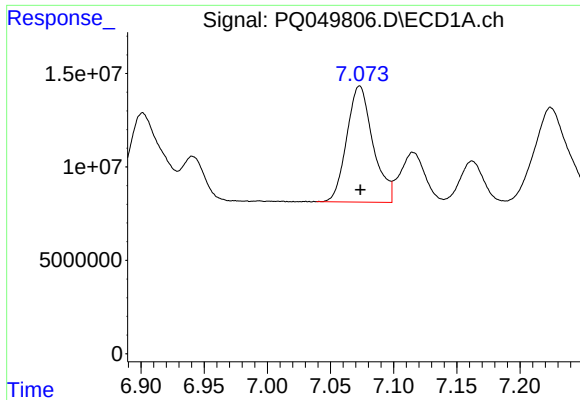
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 84154036
Conc: 314.70 ng/ml



#22 AR-1248-2

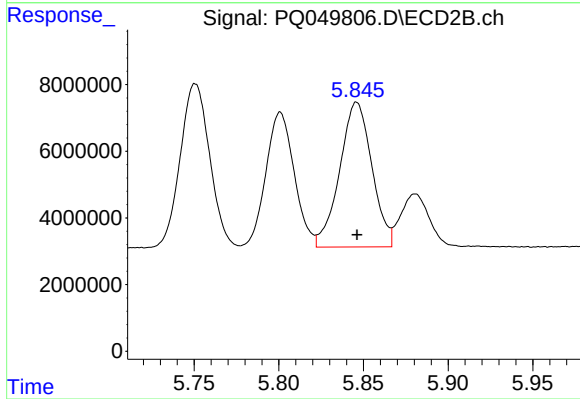
R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 47434903
Conc: 302.32 ng/ml



#23 AR-1248-3

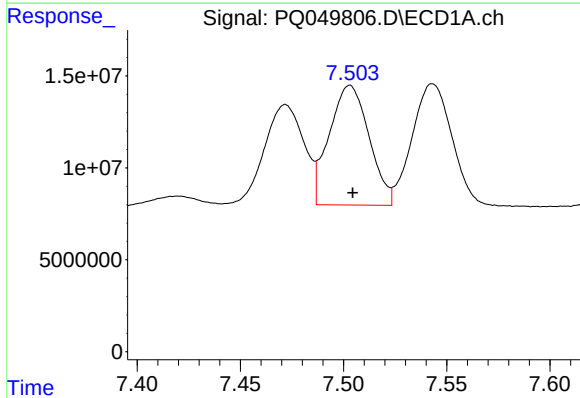
R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 89670995
Conc: 336.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



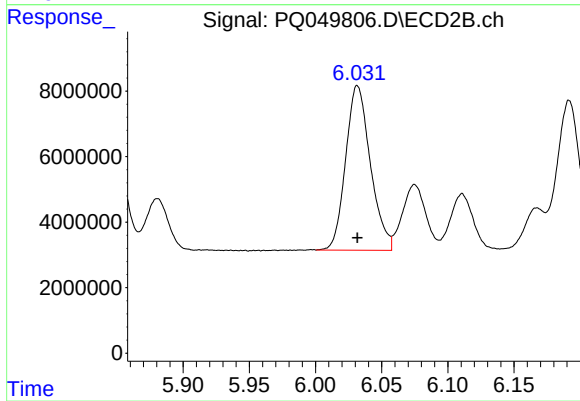
#23 AR-1248-3

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 57542500
Conc: 346.84 ng/ml



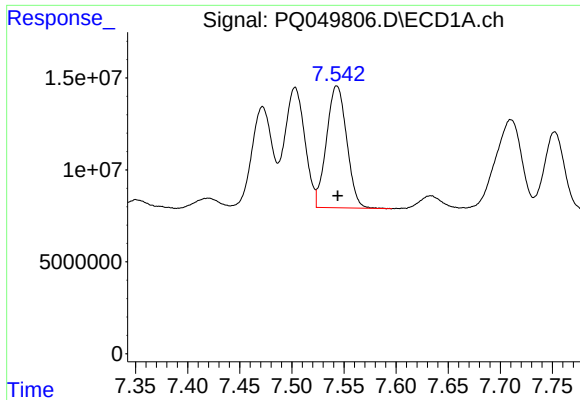
#24 AR-1248-4

R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 87381307
Conc: 280.90 ng/ml



#24 AR-1248-4

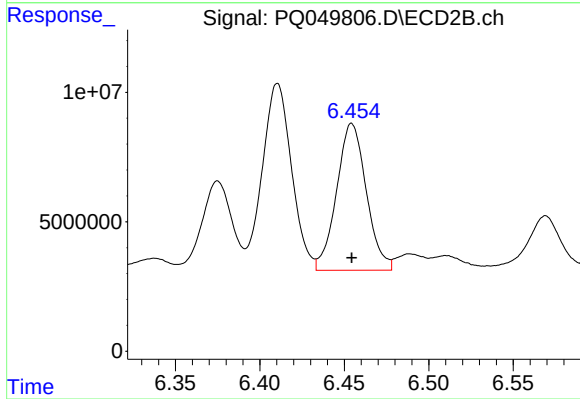
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 65397545
Conc: 313.97 ng/ml



#25 AR-1248-5

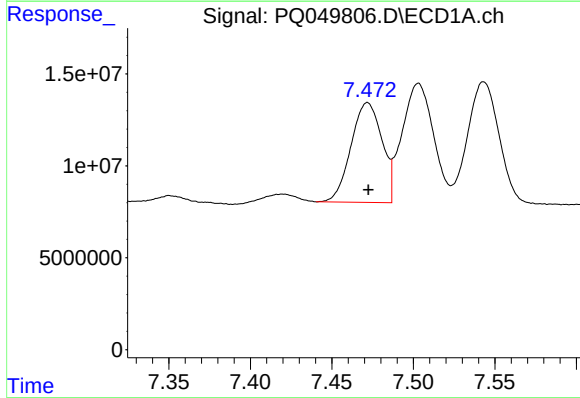
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 89649923
Conc: 296.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



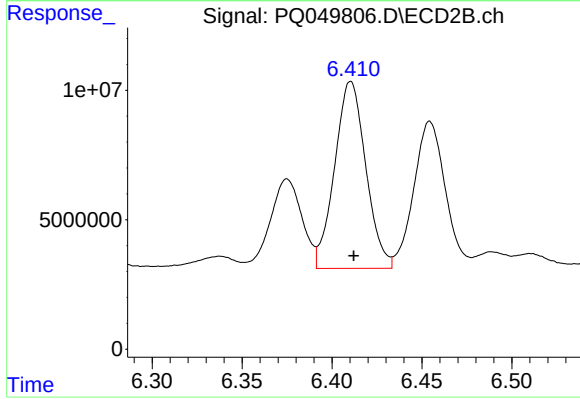
#25 AR-1248-5

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 69456695
Conc: 303.53 ng/ml



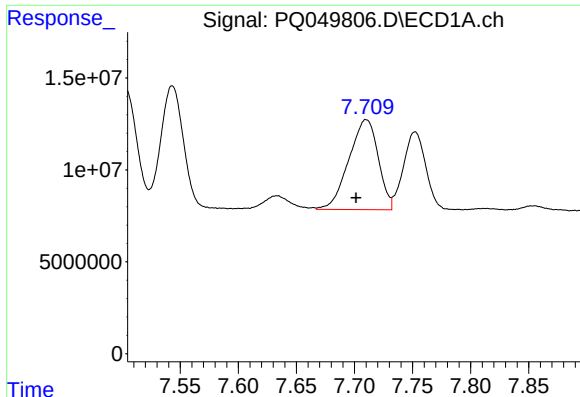
#26 AR-1254-1

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 71800691
Conc: 252.18 ng/ml



#26 AR-1254-1

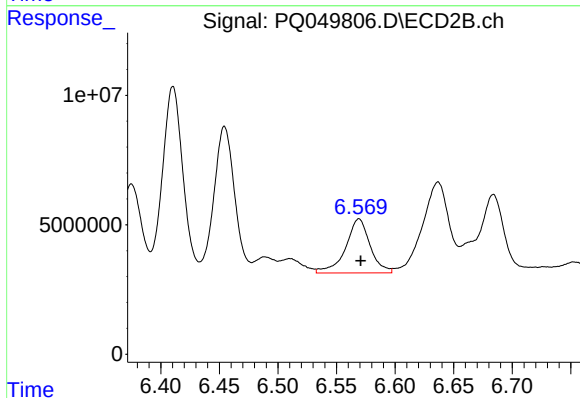
R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 87108381
Conc: 263.98 ng/ml



#27 AR-1254-2

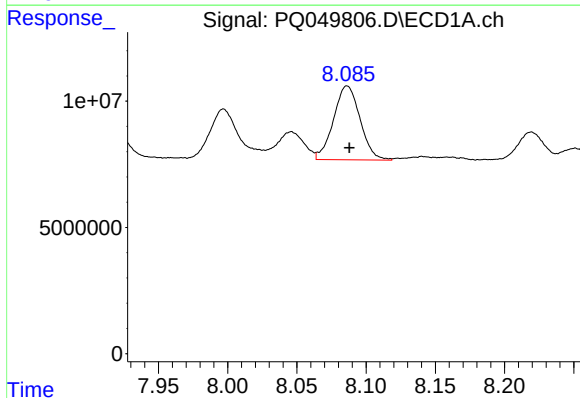
R.T.: 7.710 min
Delta R.T.: 0.009 min
Response: 86140063
Conc: 195.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



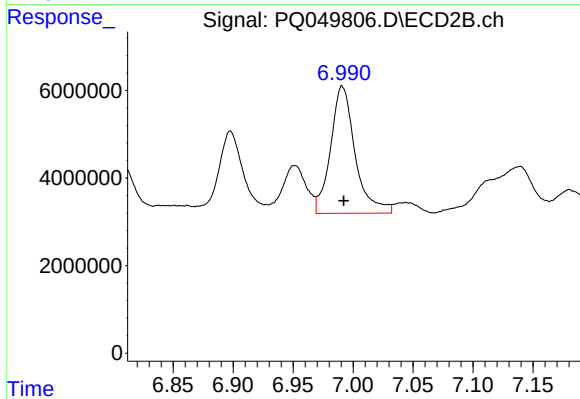
#27 AR-1254-2

R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 30319791
Conc: 105.32 ng/ml



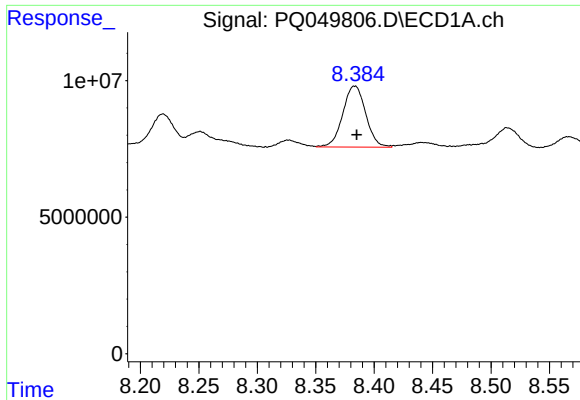
#28 AR-1254-3

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 39116343
Conc: 86.91 ng/ml



#28 AR-1254-3

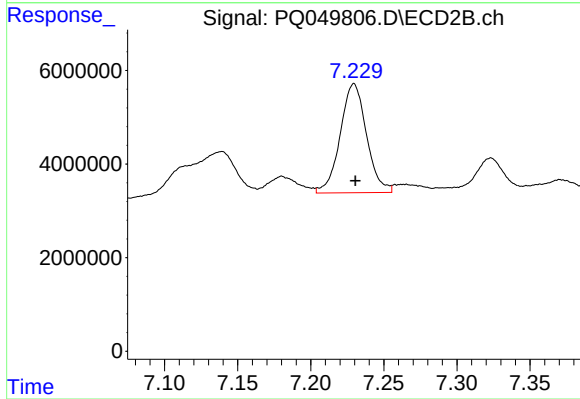
R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 41512749
Conc: 86.60 ng/ml



#29 AR-1254-4

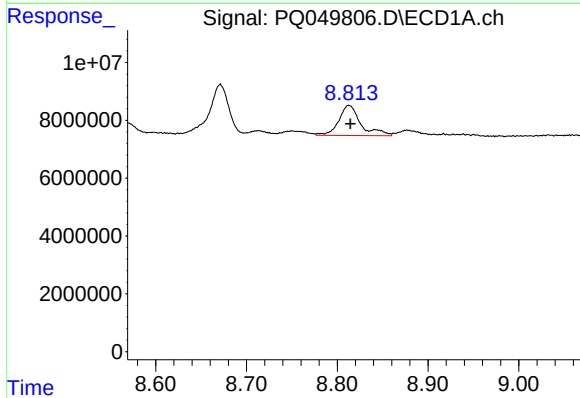
R.T.: 8.383 min
Delta R.T.: -0.002 min
Response: 30486633
Conc: 85.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



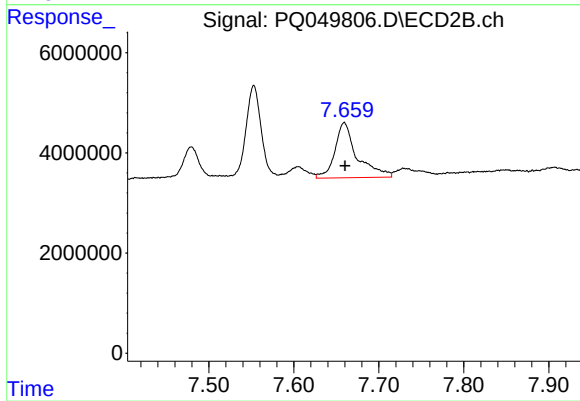
#29 AR-1254-4

R.T.: 7.230 min
Delta R.T.: -0.001 min
Response: 29209288
Conc: 83.53 ng/ml



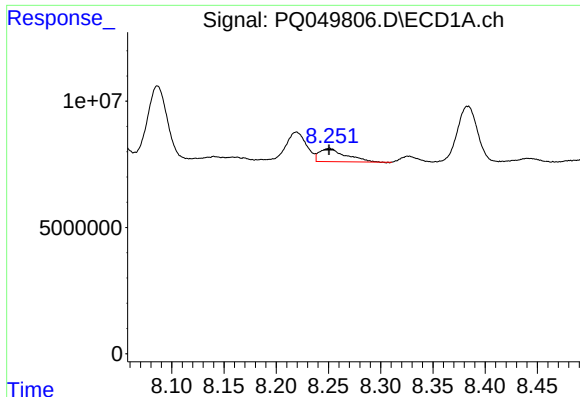
#30 AR-1254-5

R.T.: 8.813 min
Delta R.T.: -0.002 min
Response: 17534070
Conc: 46.71 ng/ml



#30 AR-1254-5

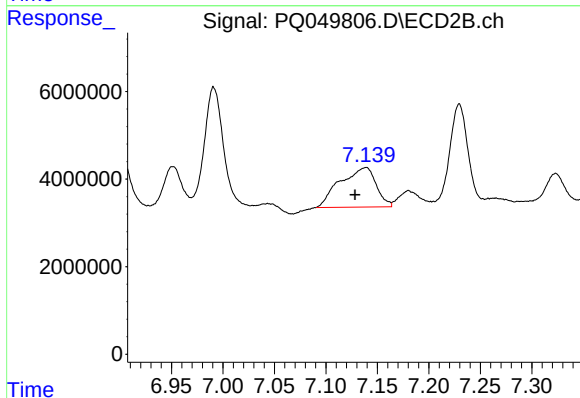
R.T.: 7.659 min
Delta R.T.: -0.001 min
Response: 20024914
Conc: 43.84 ng/ml



#31 AR-1260-1

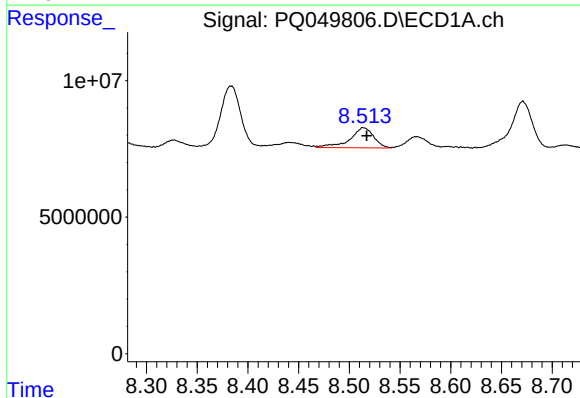
R.T.: 8.251 min
Delta R.T.: 0.000 min
Response: 8823771
Conc: 24.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



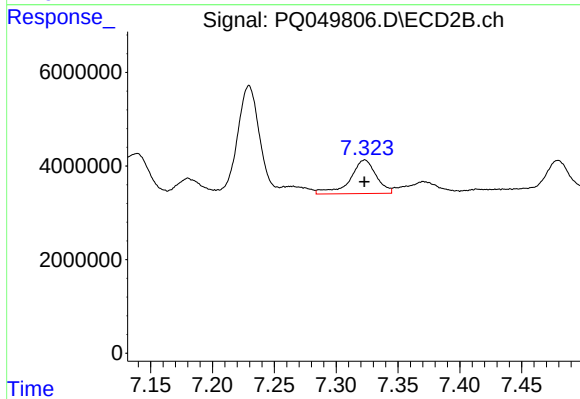
#31 AR-1260-1

R.T.: 7.139 min
Delta R.T.: 0.010 min
Response: 21938539
Conc: 66.98 ng/ml



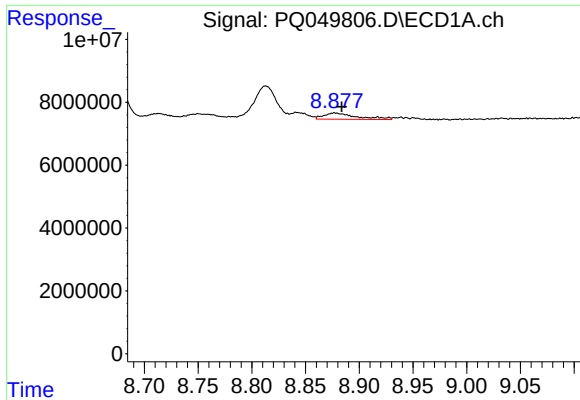
#32 AR-1260-2

R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 11966325
Conc: 27.26 ng/ml



#32 AR-1260-2

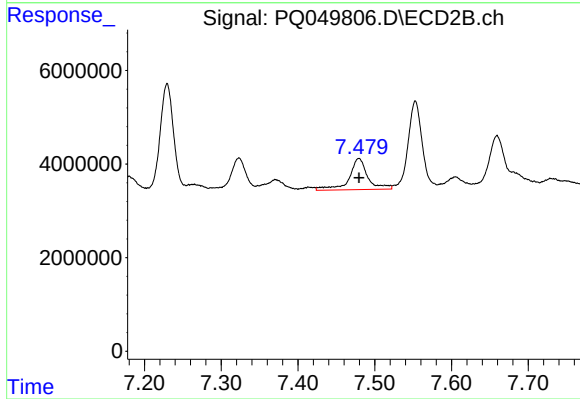
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 10577389
Conc: 22.42 ng/ml



#33 AR-1260-3

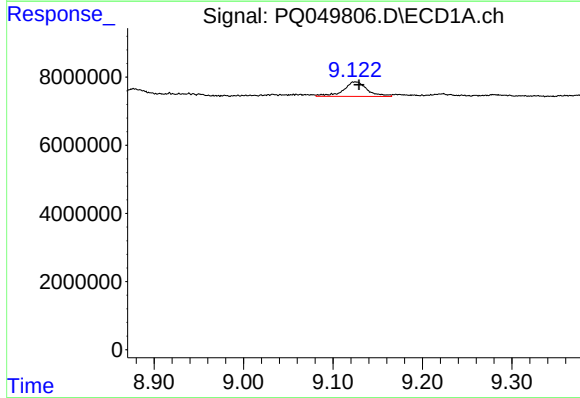
R.T.: 8.877 min
Delta R.T.: -0.006 min
Response: 4182697
Conc: 11.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



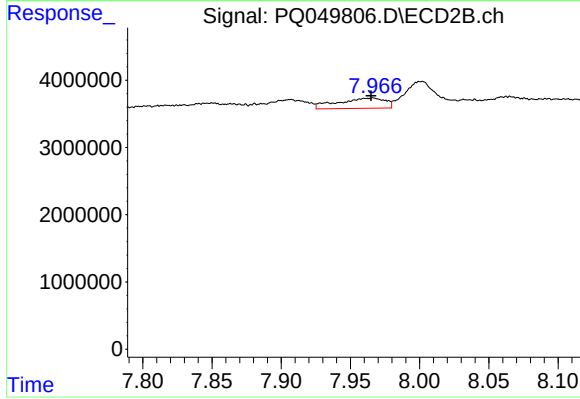
#33 AR-1260-3

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 11191542
Conc: 28.41 ng/ml



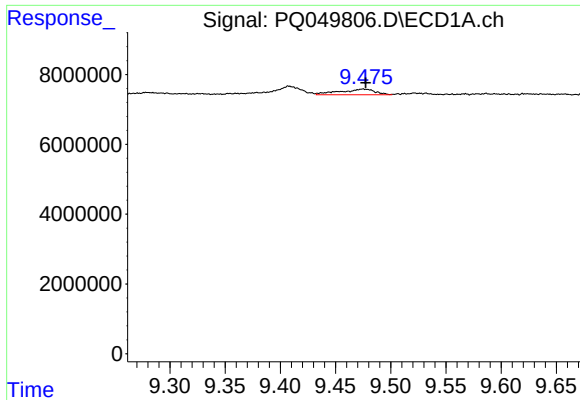
#34 AR-1260-4

R.T.: 9.125 min
Delta R.T.: -0.004 min
Response: 7999635
Conc: 20.47 ng/ml



#34 AR-1260-4

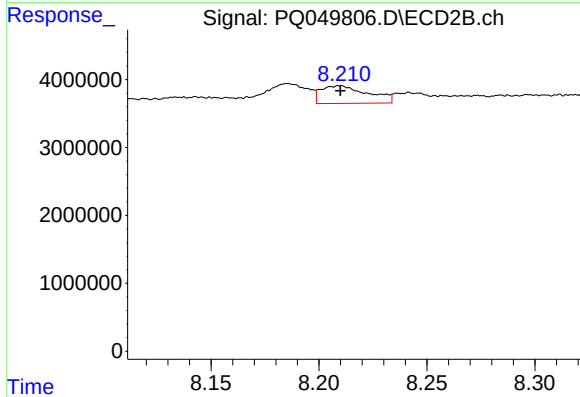
R.T.: 7.966 min
Delta R.T.: 0.001 min
Response: 3633973
Conc: 10.89 ng/ml



#35 AR-1260-5

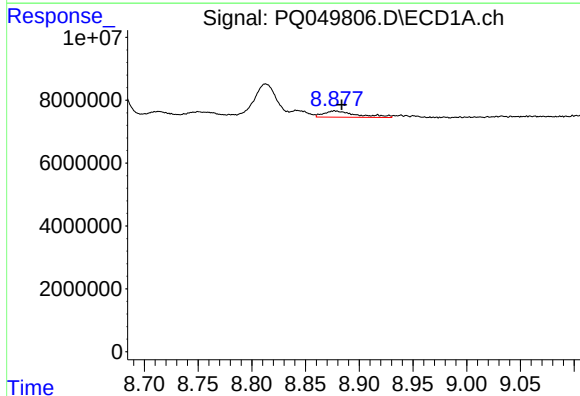
R.T.: 9.475 min
Delta R.T.: -0.002 min
Response: 3632673
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



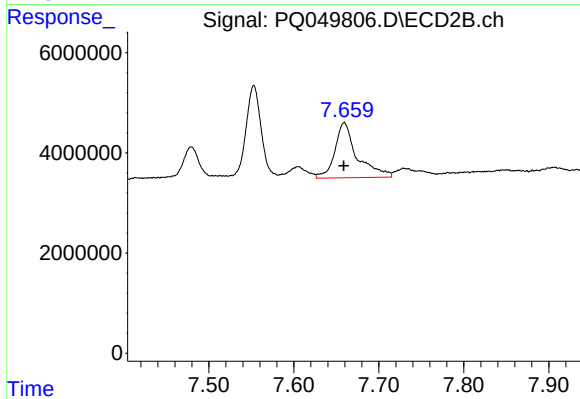
#35 AR-1260-5

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 3924176
Conc: 4.42 ng/ml



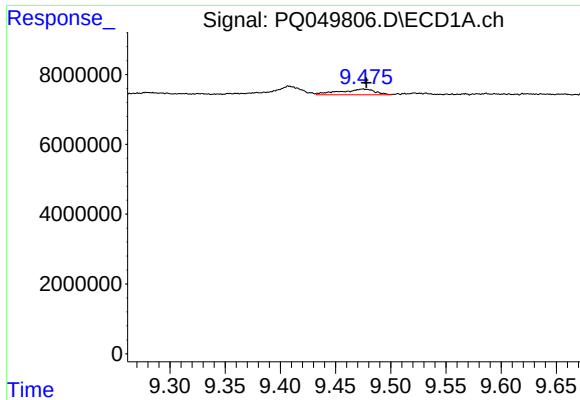
#36 AR-1262-1

R.T.: 8.877 min
Delta R.T.: -0.006 min
Response: 4182697
Conc: 9.12 ng/ml



#36 AR-1262-1

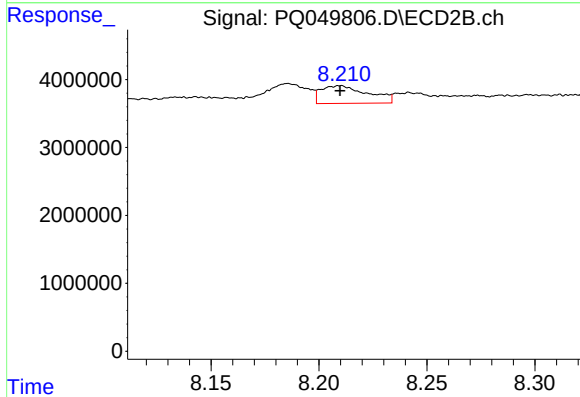
R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 20024914
Conc: 81.24 ng/ml



#37 AR-1262-2

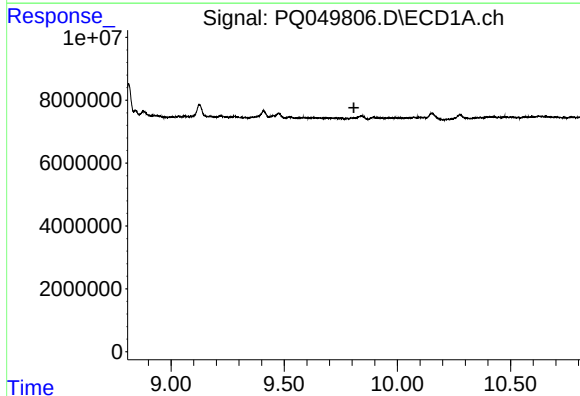
R.T.: 9.475 min
Delta R.T.: -0.003 min
Response: 3632673
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



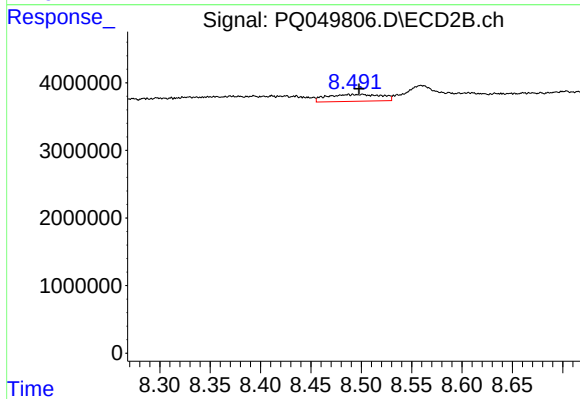
#37 AR-1262-2

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 3924176
Conc: 4.08 ng/ml



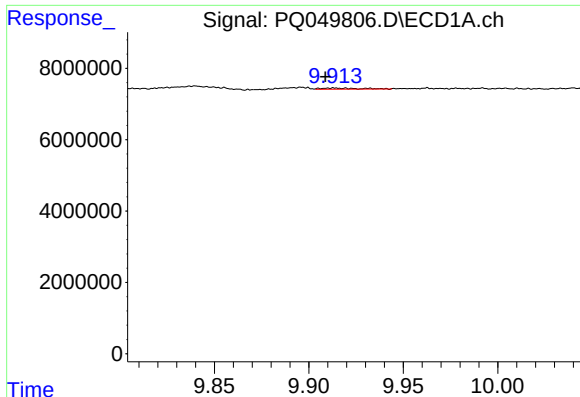
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.808 min
Response: 0
Conc: N.D.



#38 AR-1262-3

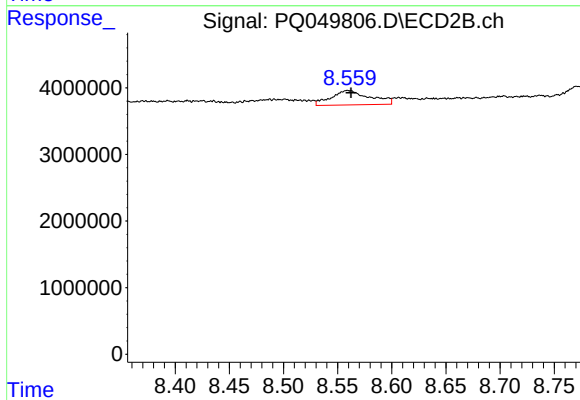
R.T.: 8.502 min
Delta R.T.: 0.004 min
Response: 3815548
Conc: 10.28 ng/ml



#39 AR-1262-4

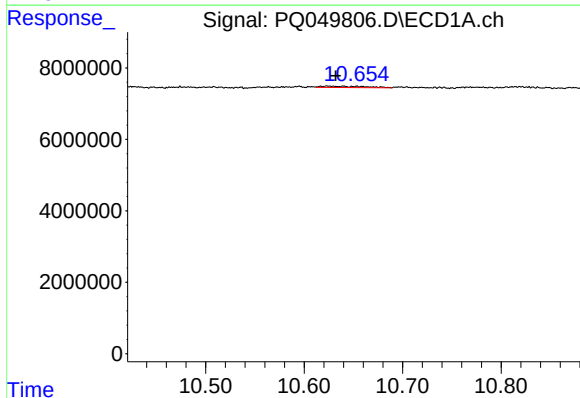
R.T.: 9.914 min
Delta R.T.: 0.005 min
Response: 449371
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



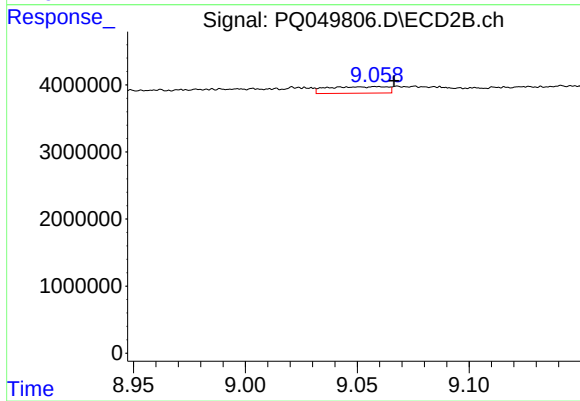
#39 AR-1262-4

R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 5371249
Conc: 8.52 ng/ml



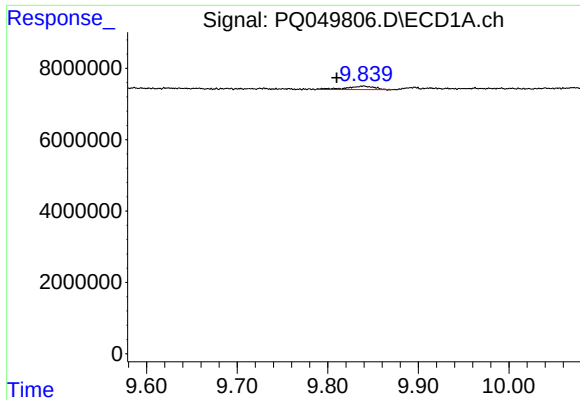
#40 AR-1262-5

R.T.: 10.624 min
Delta R.T.: -0.008 min
Response: 1238983
Conc: 3.72 ng/ml



#40 AR-1262-5

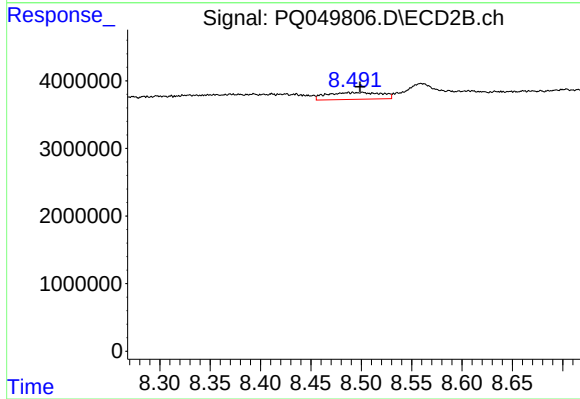
R.T.: 9.059 min
Delta R.T.: -0.008 min
Response: 1822972
Conc: 6.52 ng/ml



#41 AR-1268-1

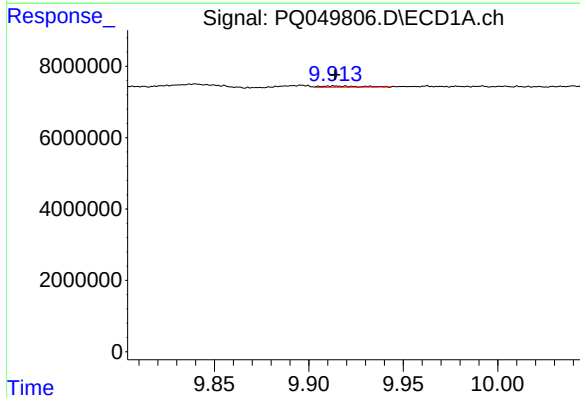
R.T.: 9.840 min
Delta R.T.: 0.030 min
Response: 2155696
Conc: 2.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



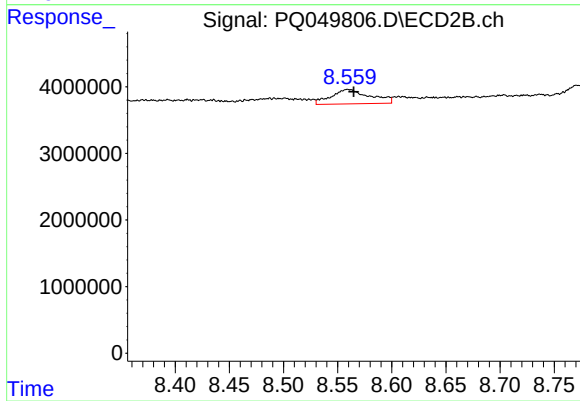
#41 AR-1268-1

R.T.: 8.502 min
Delta R.T.: 0.003 min
Response: 3815548
Conc: 3.40 ng/ml



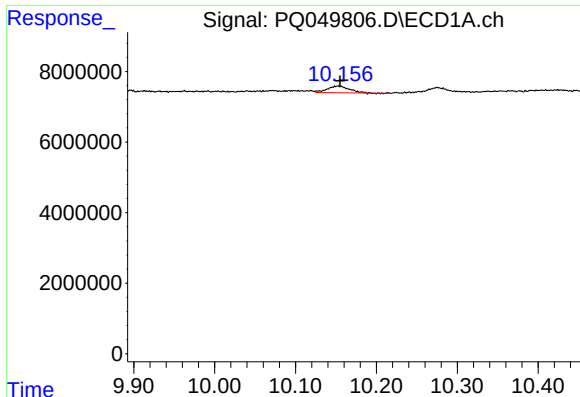
#42 AR-1268-2

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 449371
Conc: 0.46 ng/ml



#42 AR-1268-2

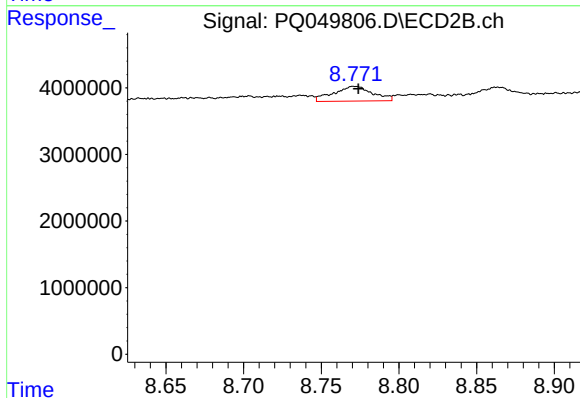
R.T.: 8.559 min
Delta R.T.: -0.006 min
Response: 5371249
Conc: 5.68 ng/ml



#43 AR-1268-3

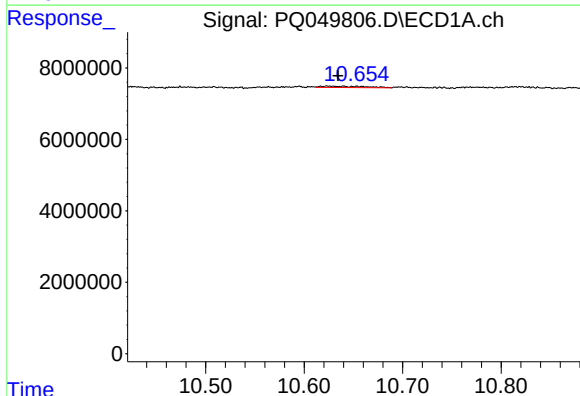
R.T.: 10.153 min
Delta R.T.: -0.002 min
Response: 3688625
Conc: 4.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



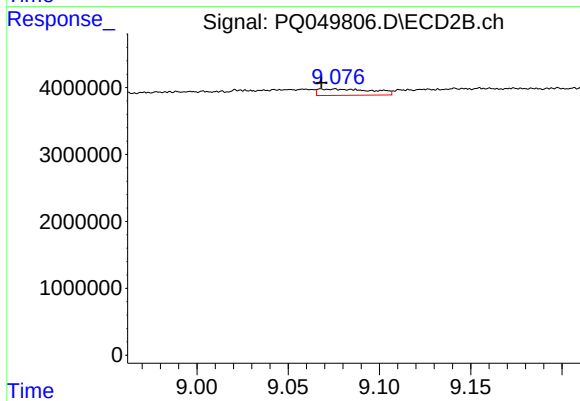
#43 AR-1268-3

R.T.: 8.771 min
Delta R.T.: -0.003 min
Response: 3896171
Conc: 5.23 ng/ml



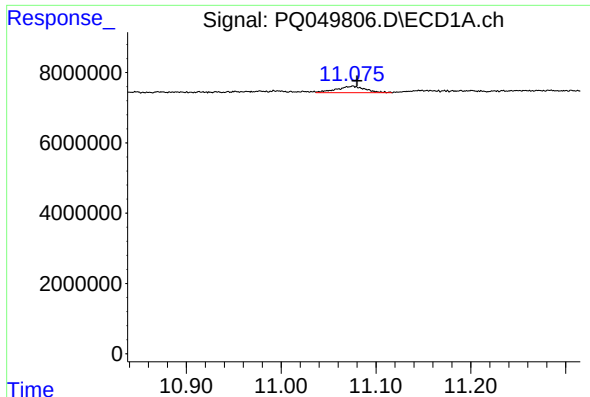
#44 AR-1268-4

R.T.: 10.624 min
Delta R.T.: -0.010 min
Response: 1238983
Conc: 3.29 ng/ml



#44 AR-1268-4

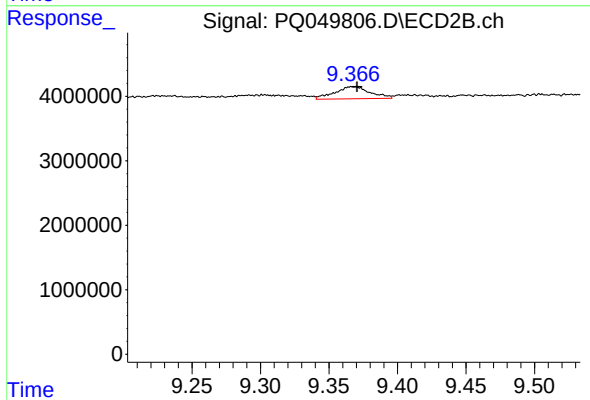
R.T.: 9.076 min
Delta R.T.: 0.007 min
Response: 1951282
Conc: 5.91 ng/ml



#45 AR-1268-5

R.T.: 11.075 min
Delta R.T.: -0.005 min
Response: 3862342
Conc: 1.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.368 min
Delta R.T.: -0.003 min
Response: 3387434
Conc: 1.60 ng/ml