

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
 Data File : PQ049085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2020 09:28
 Operator : DD\AJ
 Sample : AR1248CCC400
 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: Aug 08 00:20:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 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...	5.261	4.285	126.7E6	75029545	20.582	21.170
2)	SA Decachlor...	11.501	9.646	409.8E6	210.0E6	43.625	45.179
Target Compounds							
3)	L1 AR-1016-1	6.593	5.548	68351125	40495656	265.288	262.336
4)	L1 AR-1016-2	6.617	5.568	79427682	40385482	222.633	193.295
5)	L1 AR-1016-3	6.684	5.763	41457908	25852330	190.910	249.977 #
6)	L1 AR-1016-4	6.791	5.811	44486713	51665888	249.310	636.540 #
7)	L1 AR-1016-5	7.106	6.043	104.6E6	58645392	566.444	511.874
8)	L2 AR-1221-1	5.514	4.541	1016879	856289	13.600	18.780 #
9)	L2 AR-1221-2	5.617	4.642	3432149	2255078	59.748	70.273
10)	L2 AR-1221-3	5.704	4.732	8523838	5039469	45.555	46.111
11)	L3 AR-1232-1	5.704	4.732	8523838	5039469	56.580	57.899
12)	L3 AR-1232-2	6.297	5.568	27883418	40385482	356.504	412.617
13)	L3 AR-1232-3	6.617	5.763	79427682	25852330	472.900	537.066
14)	L3 AR-1232-4	6.791	5.857	44486713	52768290	525.958	1219.814 #
15)	L3 AR-1232-5	6.886	6.043	93004189	58645392	1478.461	1179.508
16)	L4 AR-1242-1	6.593	5.548	68351125	40495656	290.990	291.426
17)	L4 AR-1242-2	6.617	5.568	79427682	40385482	247.554	214.958
18)	L4 AR-1242-3	6.684	5.763	41457908	25852330	208.392	269.053 #
19)	L4 AR-1242-4	6.791	5.857	44486713	52768290	266.703	556.206 #
20)	L4 AR-1242-5	7.577	6.421	124.0E6	99730435	609.420	717.115
21)	L5 AR-1248-1	6.593	5.548	68351125	40495656	407.037	399.332
22)	L5 AR-1248-2	6.886	5.811	93004189	51665888	412.856	413.918
23)	L5 AR-1248-3	7.106	5.857	104.6E6	52768290	409.276	409.502
24)	L5 AR-1248-4	7.538	6.043	130.5E6	58645392	408.640	366.836
25)	L5 AR-1248-5	7.577	6.465	124.0E6	70278824	410.204	406.519
26)	L6 AR-1254-1	7.506	6.421	101.2E6	99730435	314.050	366.626
27)	L6 AR-1254-2	7.743	6.580	129.9E6	31072406	256.442	127.369 #
28)	L6 AR-1254-3	8.121	7.003	70690208	48638130	132.213	120.607
29)	L6 AR-1254-4	8.418	7.241	56408584	33192048	120.454	123.060
30)	L6 AR-1254-5	8.849	7.671	14014079	10392688	29.212	28.213
31)	L7 AR-1260-1	8.285	7.152	8811858	25598198	24.091	112.241 #
32)	L7 AR-1260-2	8.548	7.335	13772785	4549079	27.697	15.723 #
33)	L7 AR-1260-3	8.915	7.491	4545397	5918922	10.810	22.884 #
34)	L7 AR-1260-4	9.162	7.976	7574702	1585870	18.170	6.955 #
35)	L7 AR-1260-5	9.516	8.221	5767071	2989774	5.630	5.030
36)	L8 AR-1262-1	8.915	7.671	4545397	10392688	6.321	49.787 #
37)	L8 AR-1262-2	9.516	8.221	5767071	2989774	4.247	3.780
38)	L8 AR-1262-3	9.852	8.510	2265287	1349136	3.505	4.185
39)	L8 AR-1262-4	9.943	8.574	2802307	2690086	3.814	4.564
40)	L8 AR-1262-5	10.678	9.079	2704490	1144663	4.903	4.065
41)	L9 AR-1268-1	9.852	8.510	2265287	1349136	1.316	1.460

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 Acq On : 07 Aug 2020 09:28
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

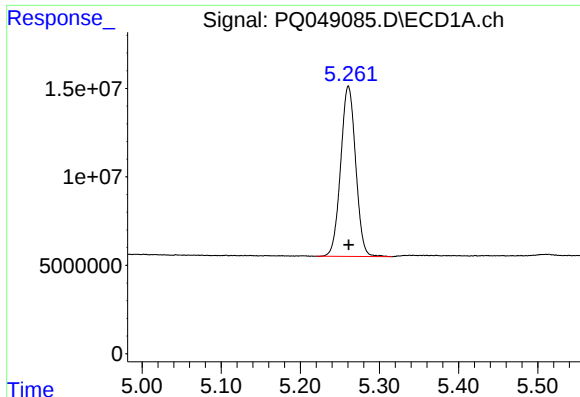
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:20:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.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	9.943	8.574	2802307	2690086	1.783	3.125 #
43) L9	AR-1268-3	10.199	8.785	6956449	3097395	5.034	4.301
44) L9	AR-1268-4	10.678	9.079	2704490	1144663	4.382	3.649
45) L9	AR-1268-5	11.134	9.382	4535284	2667600	1.053	1.161

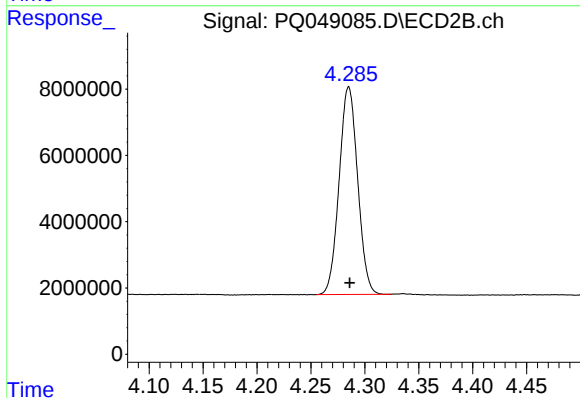
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

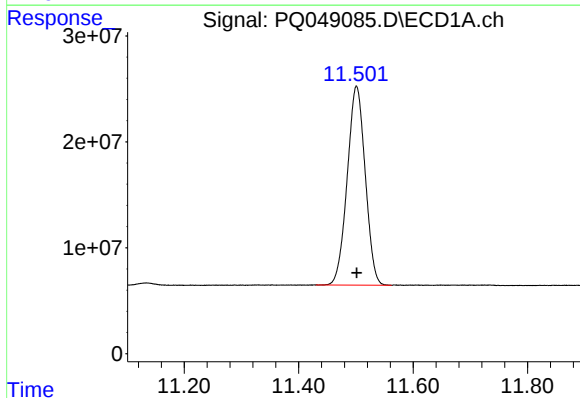
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 126700689
Conc: 20.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



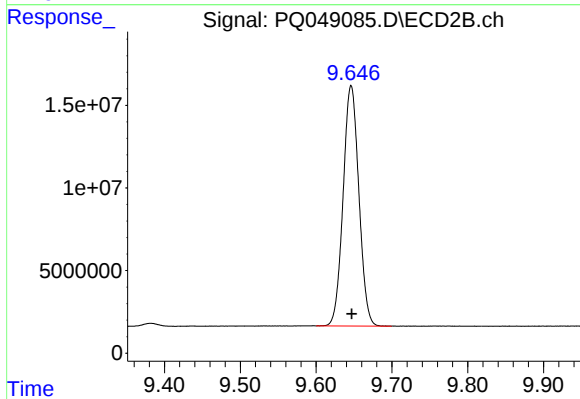
#1 Tetrachloro-m-xylene

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 75029545
Conc: 21.17 ng/ml



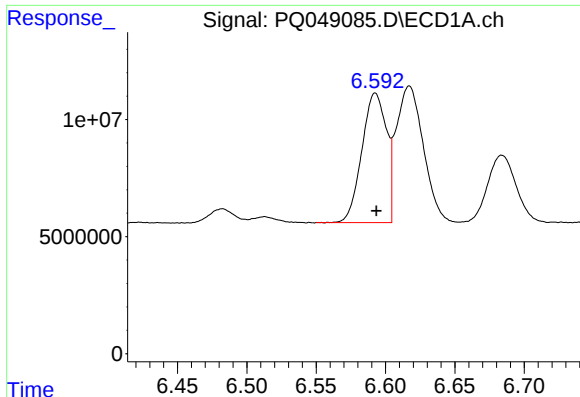
#2 Decachlorobiphenyl

R.T.: 11.501 min
Delta R.T.: 0.000 min
Response: 409791663
Conc: 43.62 ng/ml



#2 Decachlorobiphenyl

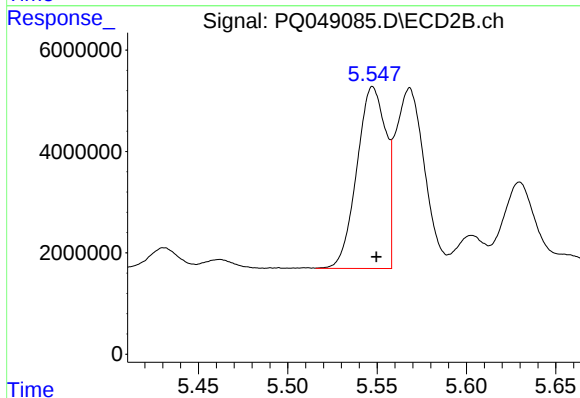
R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 210021754
Conc: 45.18 ng/ml



#3 AR-1016-1

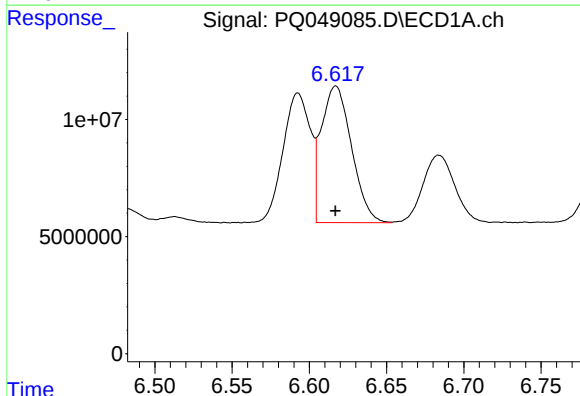
R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 68351125
Conc: 265.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



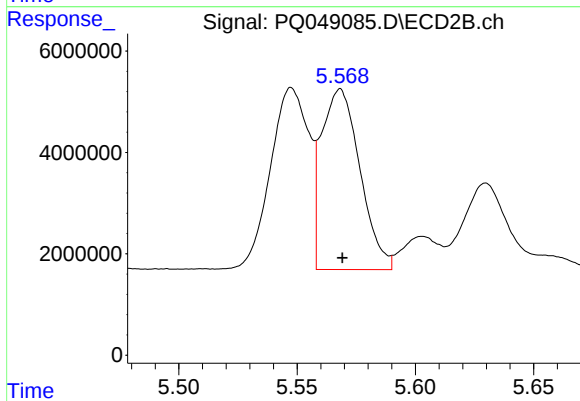
#3 AR-1016-1

R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 40495656
Conc: 262.34 ng/ml



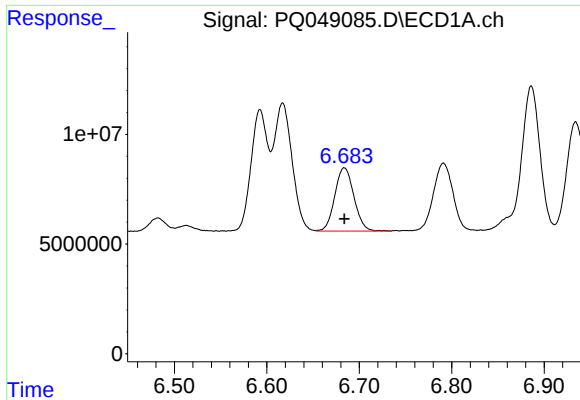
#4 AR-1016-2

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 79427682
Conc: 222.63 ng/ml



#4 AR-1016-2

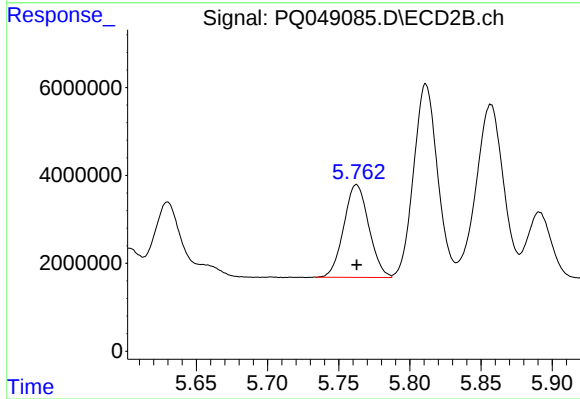
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 40385482
Conc: 193.30 ng/ml



#5 AR-1016-3

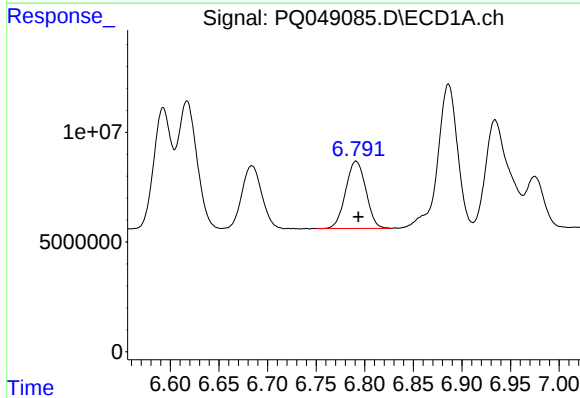
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 41457908
Conc: 190.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



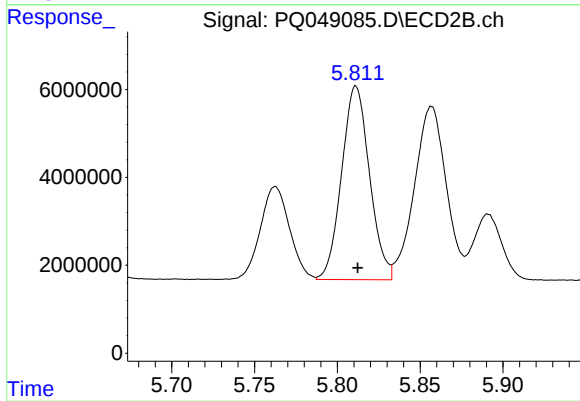
#5 AR-1016-3

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 25852330
Conc: 249.98 ng/ml



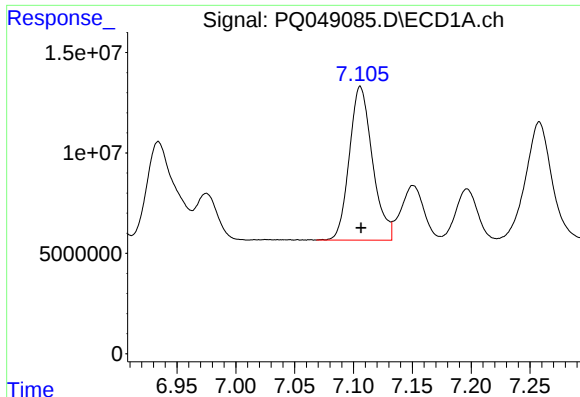
#6 AR-1016-4

R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 44486713
Conc: 249.31 ng/ml



#6 AR-1016-4

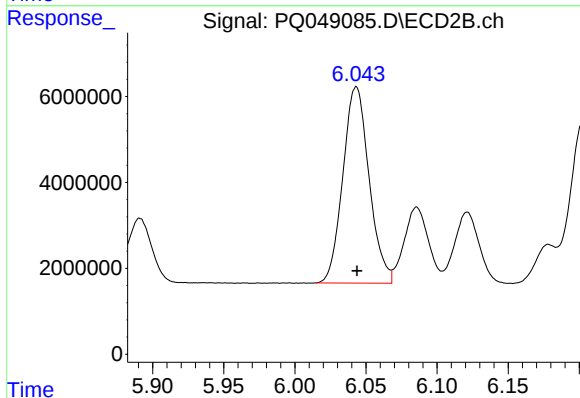
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 51665888
Conc: 636.54 ng/ml



#7 AR-1016-5

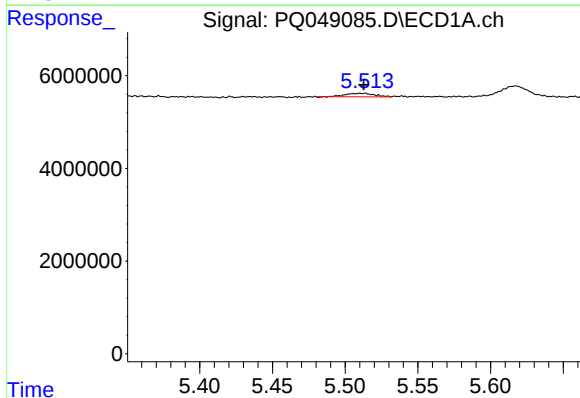
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 104551921
Conc: 566.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



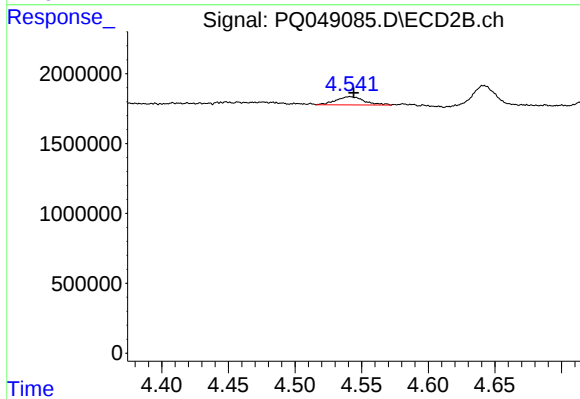
#7 AR-1016-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 58645392
Conc: 511.87 ng/ml



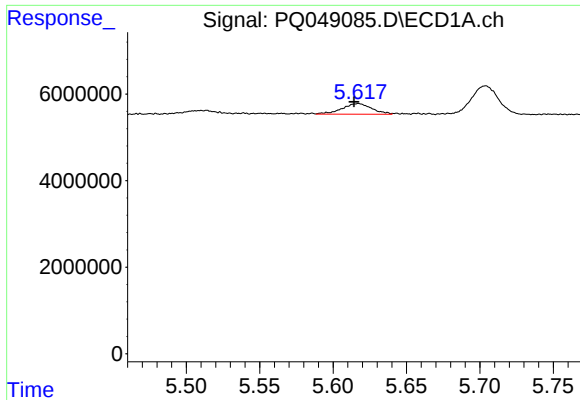
#8 AR-1221-1

R.T.: 5.514 min
Delta R.T.: 0.001 min
Response: 1016879
Conc: 13.60 ng/ml



#8 AR-1221-1

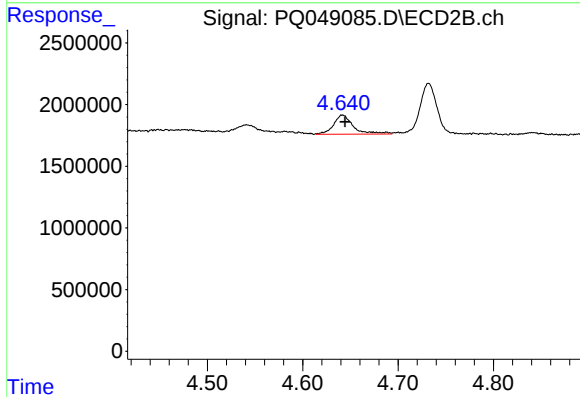
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 856289
Conc: 18.78 ng/ml



#9 AR-1221-2

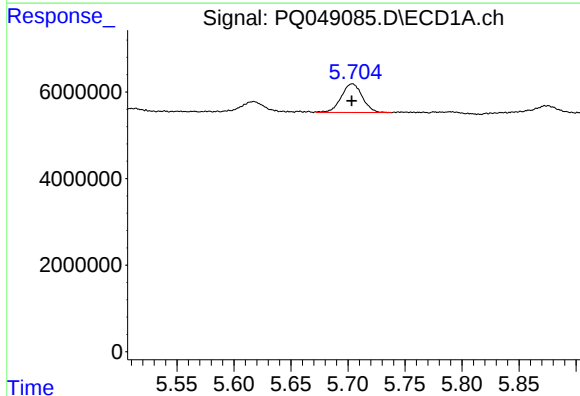
R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 3432149
Conc: 59.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



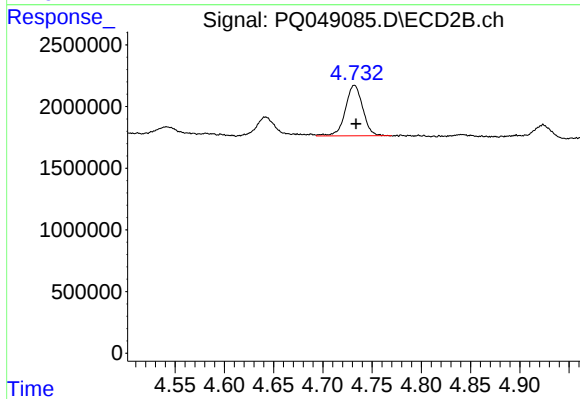
#9 AR-1221-2

R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 2255078
Conc: 70.27 ng/ml



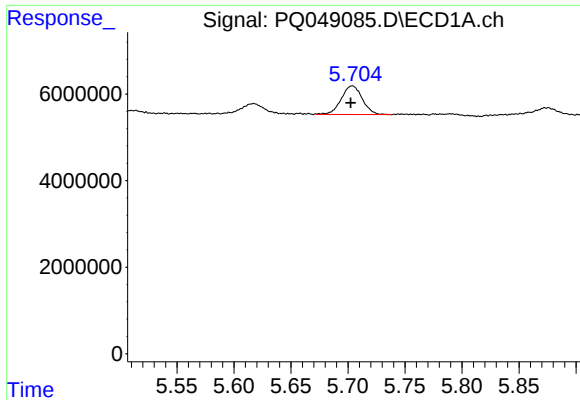
#10 AR-1221-3

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 8523838
Conc: 45.56 ng/ml



#10 AR-1221-3

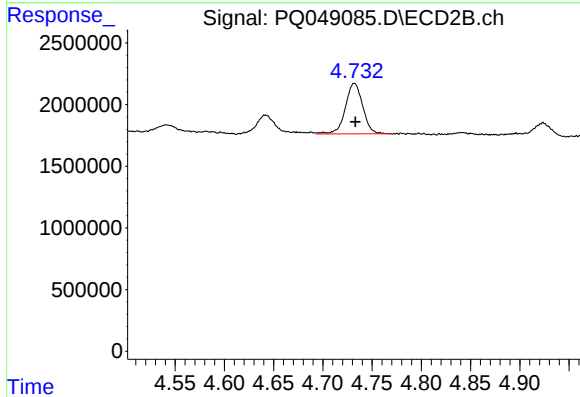
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 5039469
Conc: 46.11 ng/ml



#11 AR-1232-1

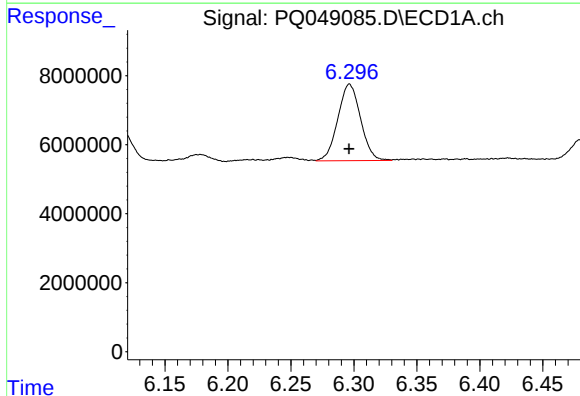
R.T.: 5.704 min
Delta R.T.: 0.002 min
Response: 8523838
Conc: 56.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



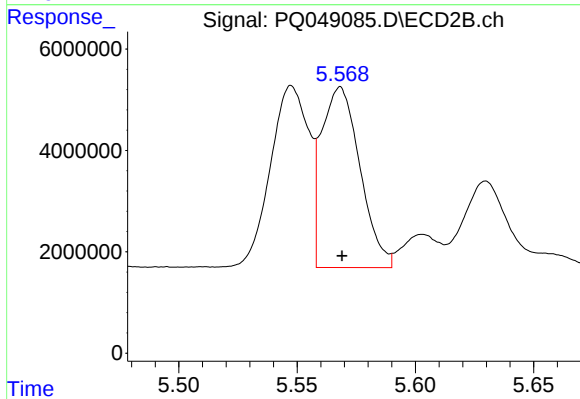
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 5039469
Conc: 57.90 ng/ml



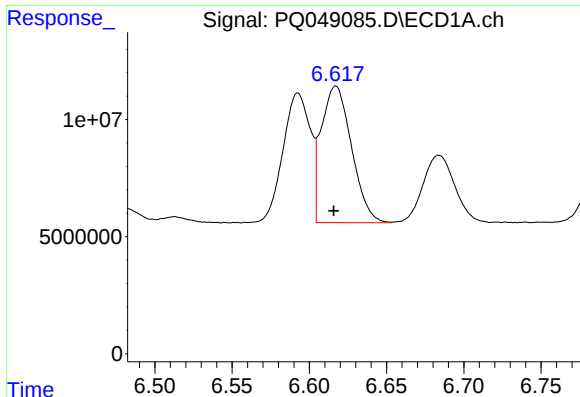
#12 AR-1232-2

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 27883418
Conc: 356.50 ng/ml



#12 AR-1232-2

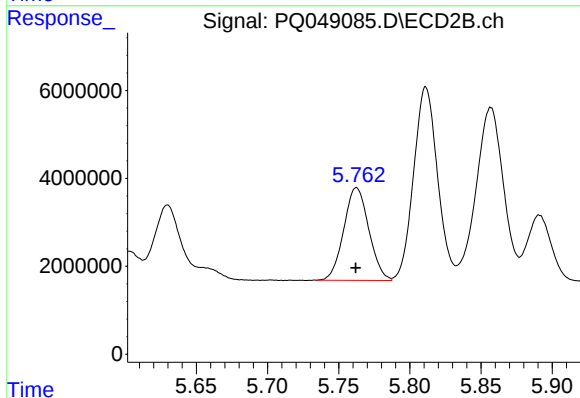
R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 40385482
Conc: 412.62 ng/ml



#13 AR-1232-3

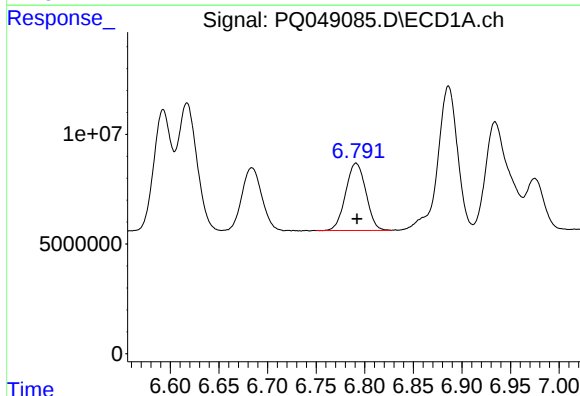
R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 79427682
Conc: 472.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



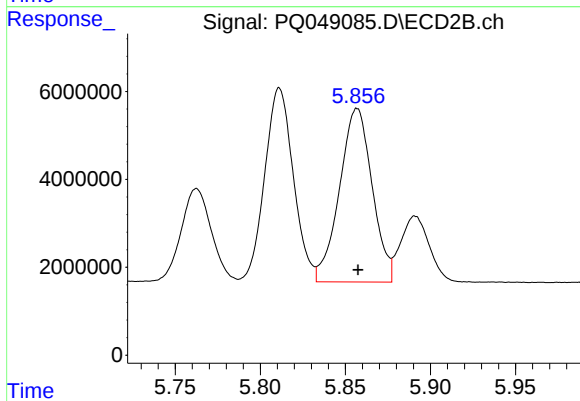
#13 AR-1232-3

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 25852330
Conc: 537.07 ng/ml



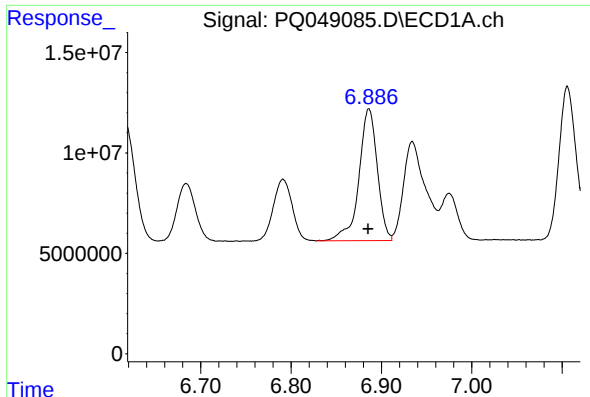
#14 AR-1232-4

R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 44486713
Conc: 525.96 ng/ml



#14 AR-1232-4

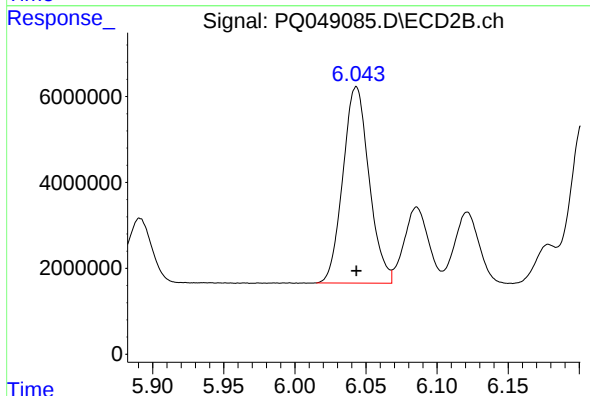
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 52768290
Conc: 1219.81 ng/ml



#15 AR-1232-5

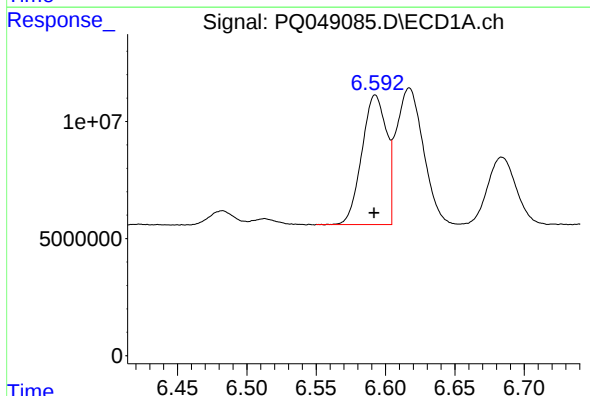
R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 93004189
Conc: 1478.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



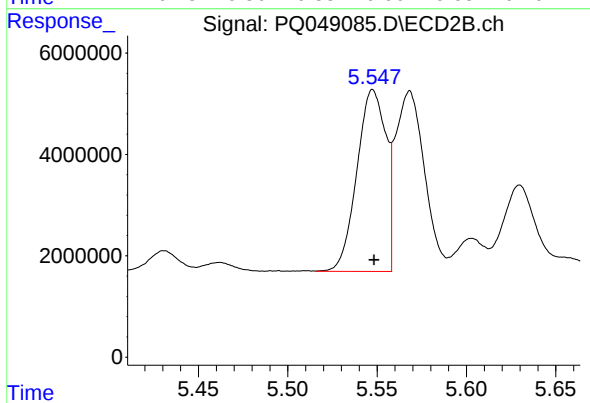
#15 AR-1232-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 58645392
Conc: 1179.51 ng/ml



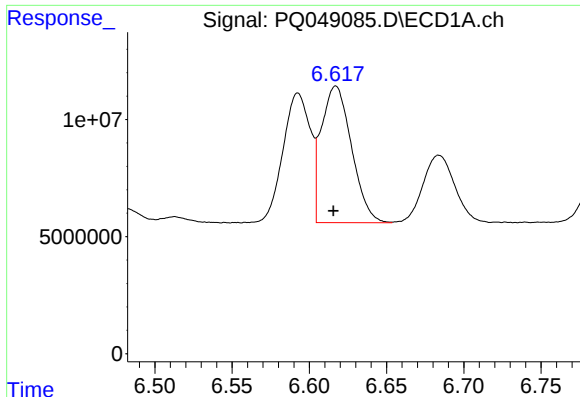
#16 AR-1242-1

R.T.: 6.593 min
Delta R.T.: 0.000 min
Response: 68351125
Conc: 290.99 ng/ml



#16 AR-1242-1

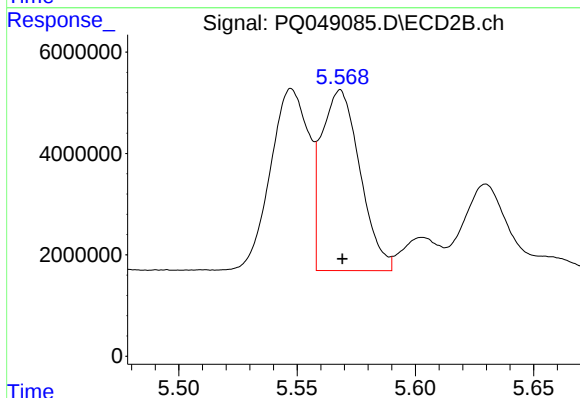
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 40495656
Conc: 291.43 ng/ml



#17 AR-1242-2

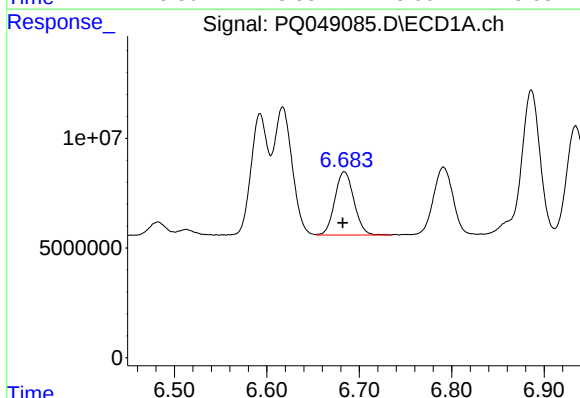
R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 79427682
Conc: 247.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



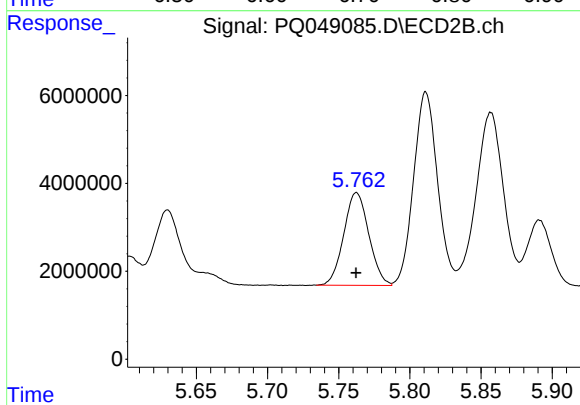
#17 AR-1242-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 40385482
Conc: 214.96 ng/ml



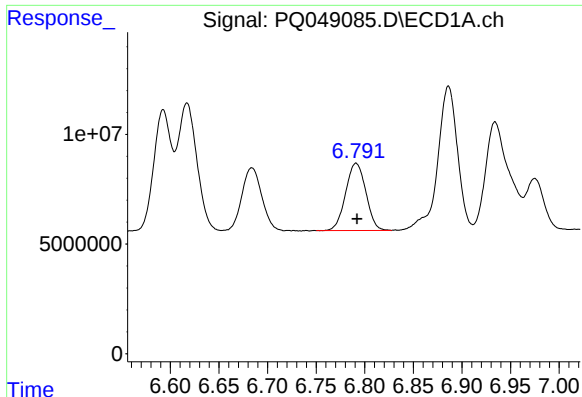
#18 AR-1242-3

R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 41457908
Conc: 208.39 ng/ml



#18 AR-1242-3

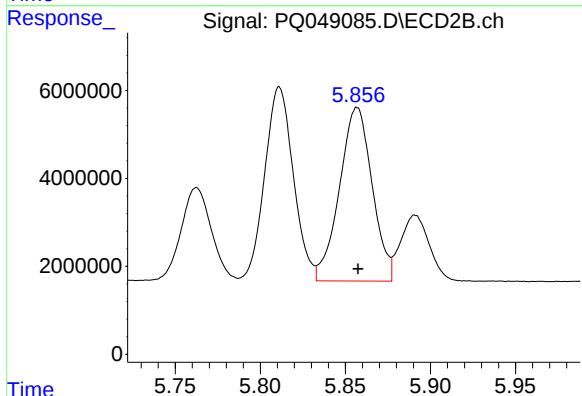
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 25852330
Conc: 269.05 ng/ml



#19 AR-1242-4

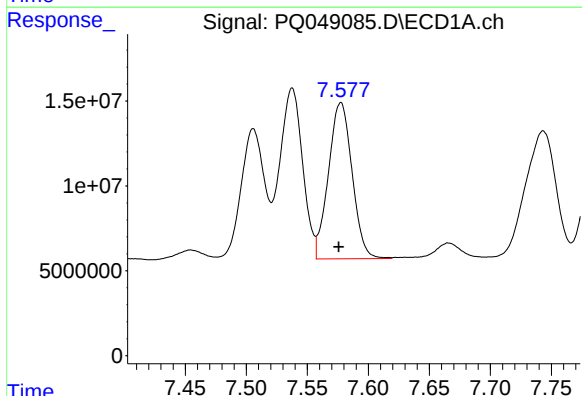
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 44486713
Conc: 266.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



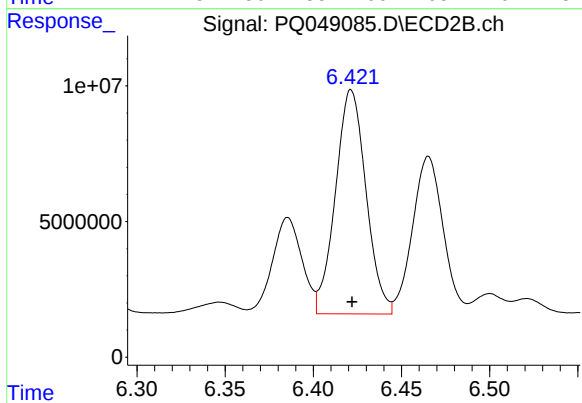
#19 AR-1242-4

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 52768290
Conc: 556.21 ng/ml



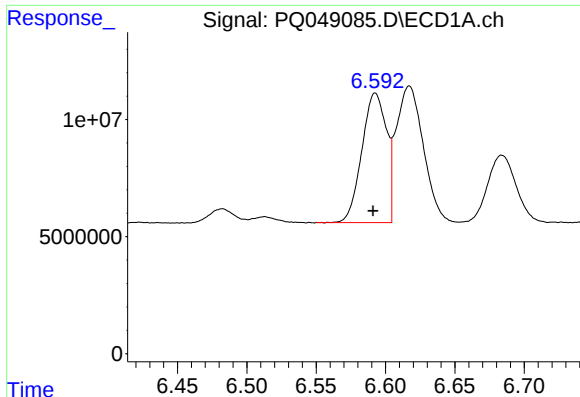
#20 AR-1242-5

R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 124049773
Conc: 609.42 ng/ml



#20 AR-1242-5

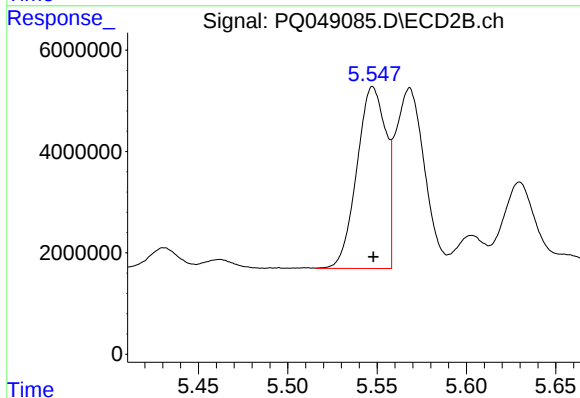
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 99730435
Conc: 717.11 ng/ml



#21 AR-1248-1

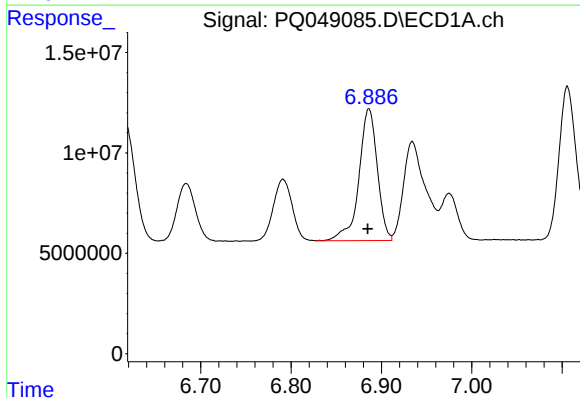
R.T.: 6.593 min
Delta R.T.: 0.002 min
Response: 68351125
Conc: 407.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



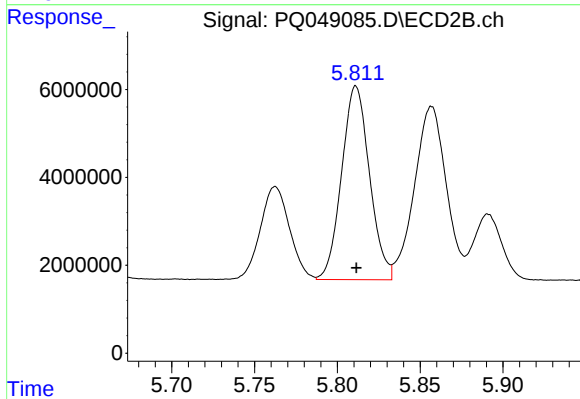
#21 AR-1248-1

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 40495656
Conc: 399.33 ng/ml



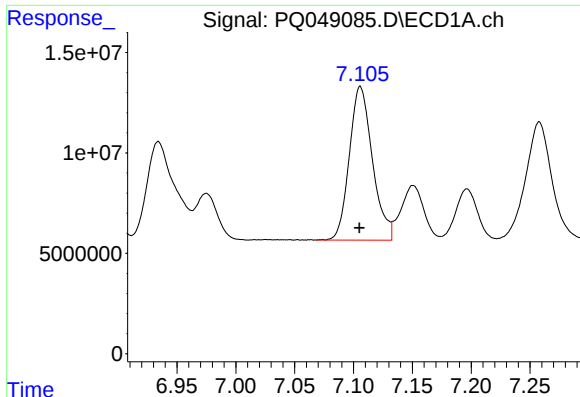
#22 AR-1248-2

R.T.: 6.886 min
Delta R.T.: 0.001 min
Response: 93004189
Conc: 412.86 ng/ml



#22 AR-1248-2

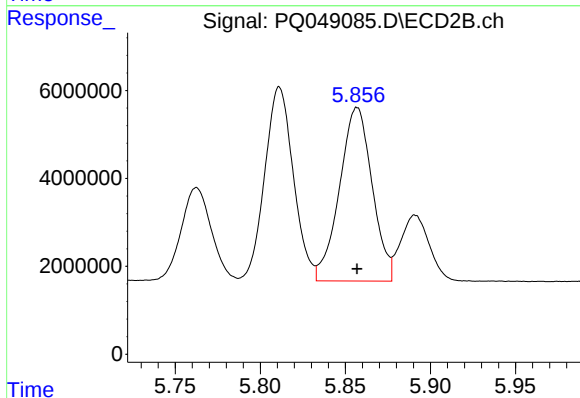
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 51665888
Conc: 413.92 ng/ml



#23 AR-1248-3

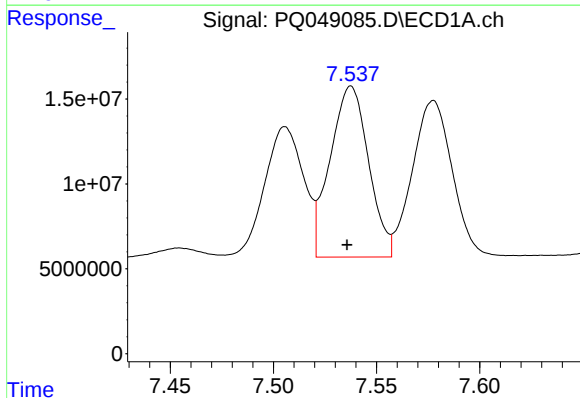
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 104551921
Conc: 409.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



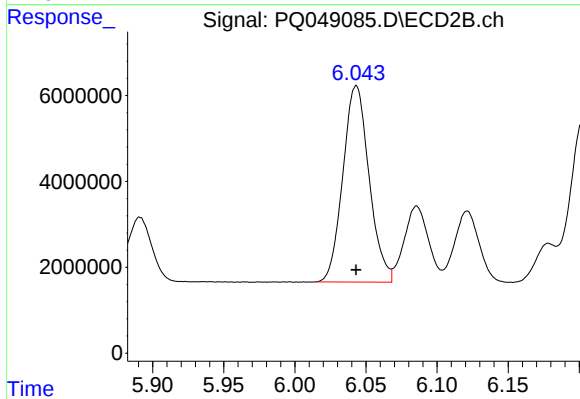
#23 AR-1248-3

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 52768290
Conc: 409.50 ng/ml



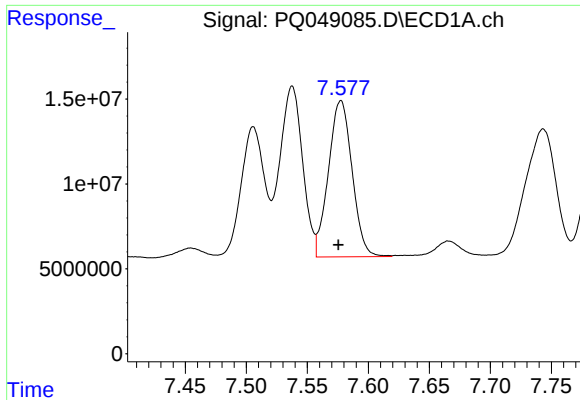
#24 AR-1248-4

R.T.: 7.538 min
Delta R.T.: 0.002 min
Response: 130518725
Conc: 408.64 ng/ml



#24 AR-1248-4

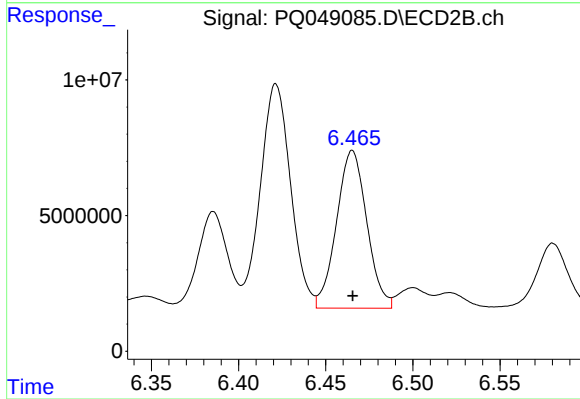
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 58645392
Conc: 366.84 ng/ml



#25 AR-1248-5

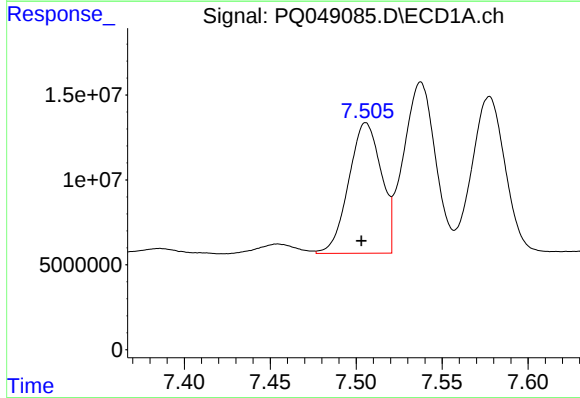
R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 124049773
Conc: 410.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



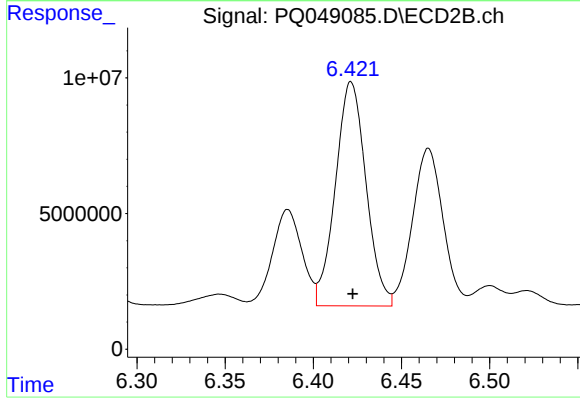
#25 AR-1248-5

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 70278824
Conc: 406.52 ng/ml



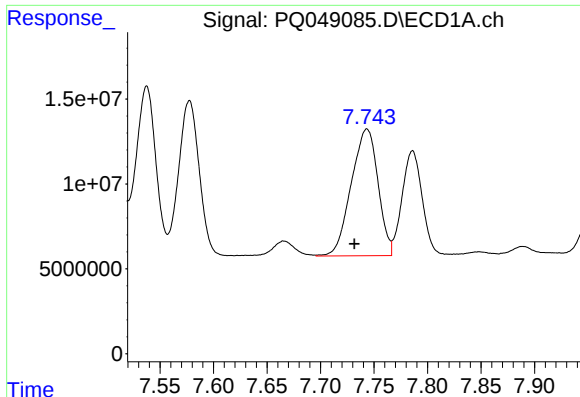
#26 AR-1254-1

R.T.: 7.506 min
Delta R.T.: 0.003 min
Response: 101226251
Conc: 314.05 ng/ml



#26 AR-1254-1

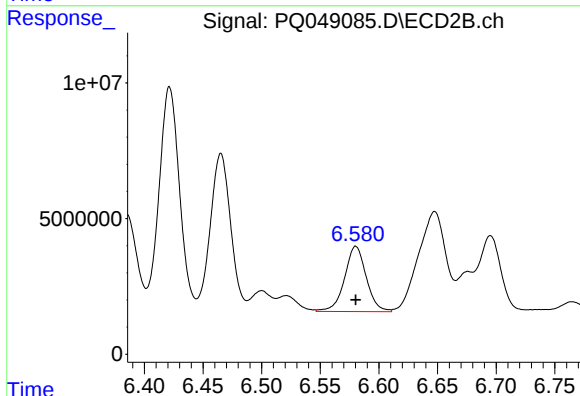
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 99730435
Conc: 366.63 ng/ml



#27 AR-1254-2

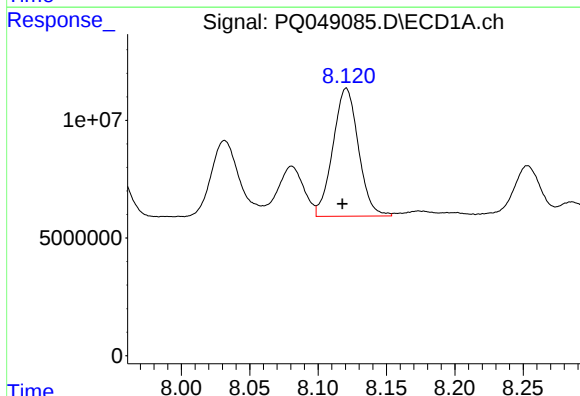
R.T.: 7.743 min
Delta R.T.: 0.012 min
Response: 129859328
Conc: 256.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



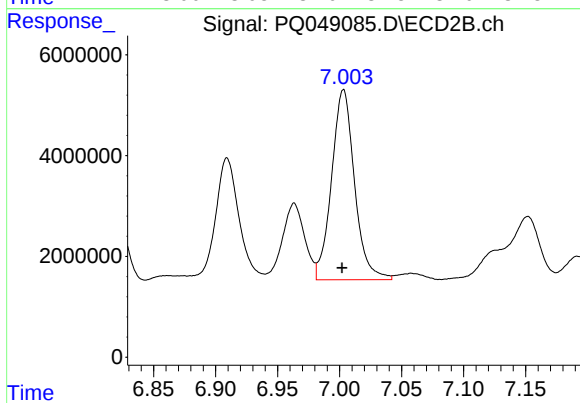
#27 AR-1254-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 31072406
Conc: 127.37 ng/ml



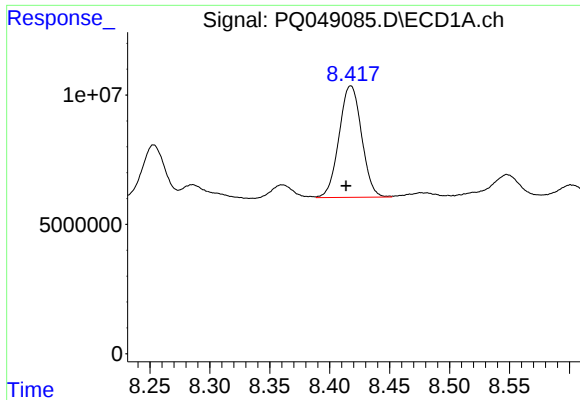
#28 AR-1254-3

R.T.: 8.121 min
Delta R.T.: 0.003 min
Response: 70690208
Conc: 132.21 ng/ml



#28 AR-1254-3

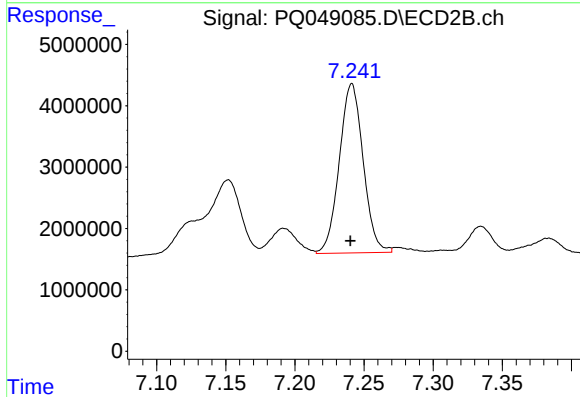
R.T.: 7.003 min
Delta R.T.: 0.001 min
Response: 48638130
Conc: 120.61 ng/ml



#29 AR-1254-4

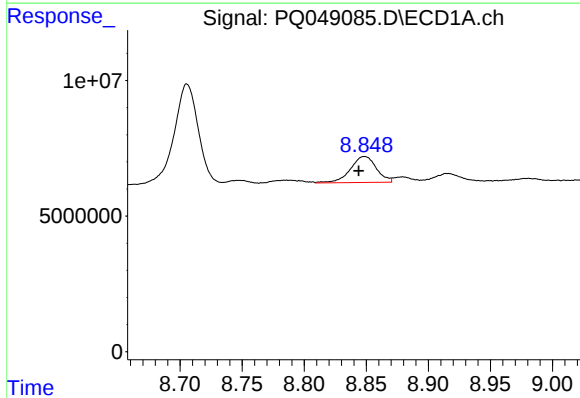
R.T.: 8.418 min
Delta R.T.: 0.004 min
Response: 56408584
Conc: 120.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



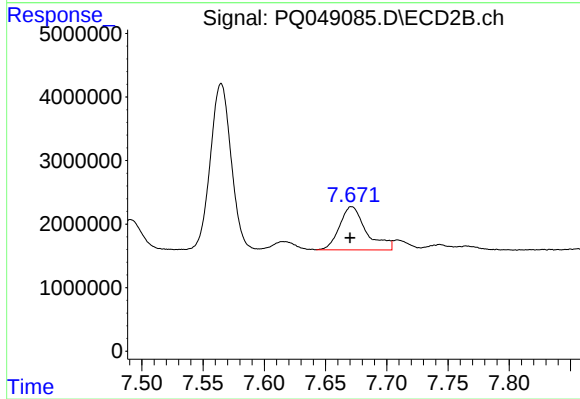
#29 AR-1254-4

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 33192048
Conc: 123.06 ng/ml



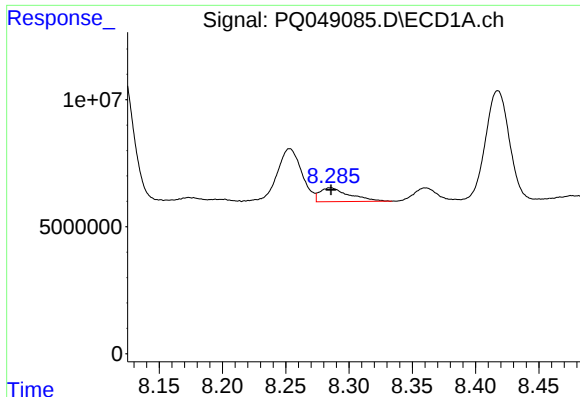
#30 AR-1254-5

R.T.: 8.849 min
Delta R.T.: 0.005 min
Response: 14014079
Conc: 29.21 ng/ml



#30 AR-1254-5

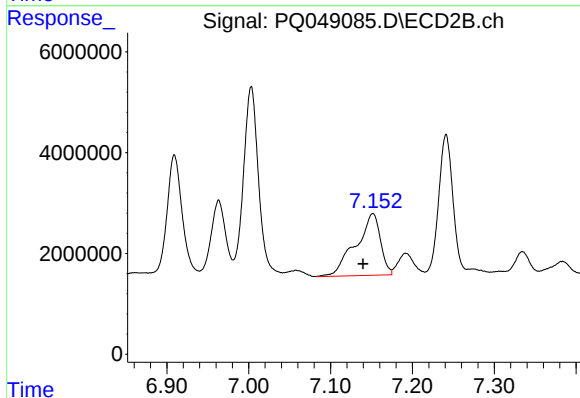
R.T.: 7.671 min
Delta R.T.: 0.001 min
Response: 10392688
Conc: 28.21 ng/ml



#31 AR-1260-1

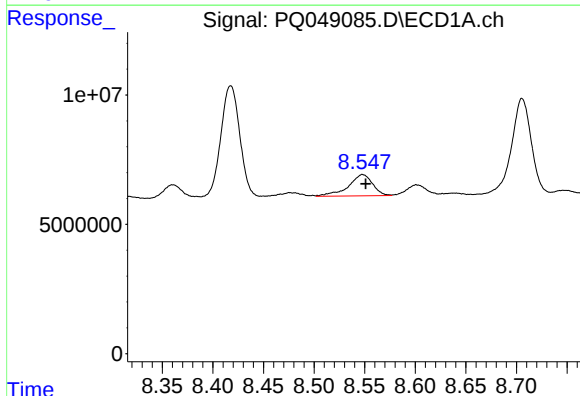
R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 8811858
Conc: 24.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



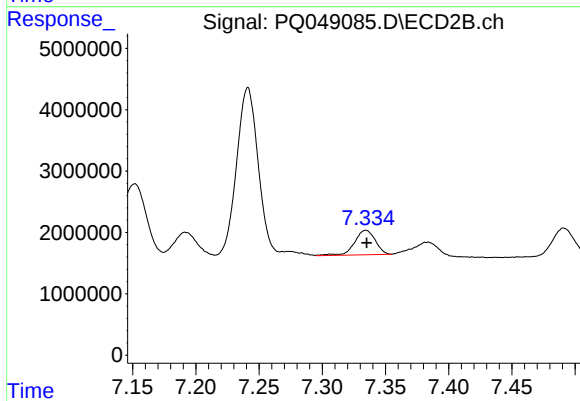
#31 AR-1260-1

R.T.: 7.152 min
Delta R.T.: 0.012 min
Response: 25598198
Conc: 112.24 ng/ml



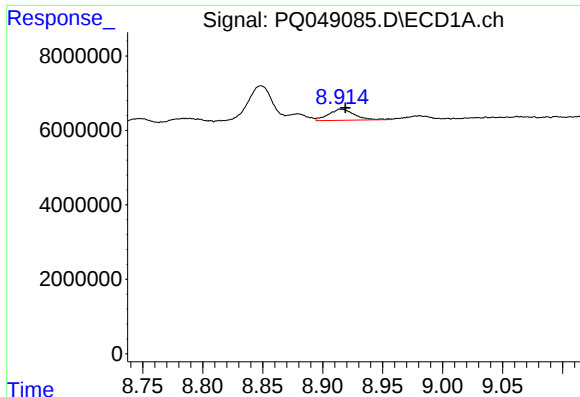
#32 AR-1260-2

R.T.: 8.548 min
Delta R.T.: -0.003 min
Response: 13772785
Conc: 27.70 ng/ml



#32 AR-1260-2

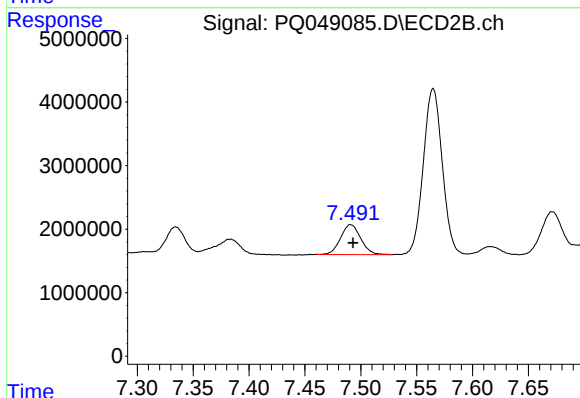
R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 4549079
Conc: 15.72 ng/ml



#33 AR-1260-3

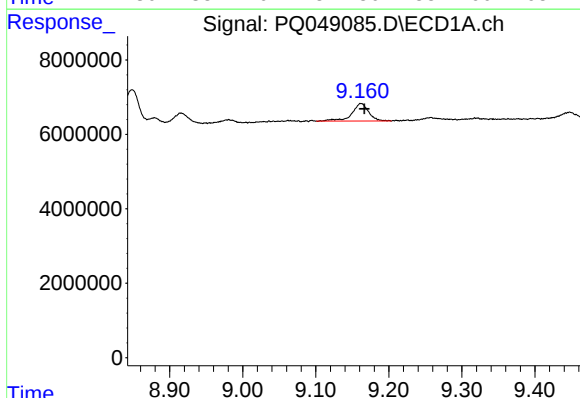
R.T.: 8.915 min
Delta R.T.: -0.003 min
Response: 4545397
Conc: 10.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



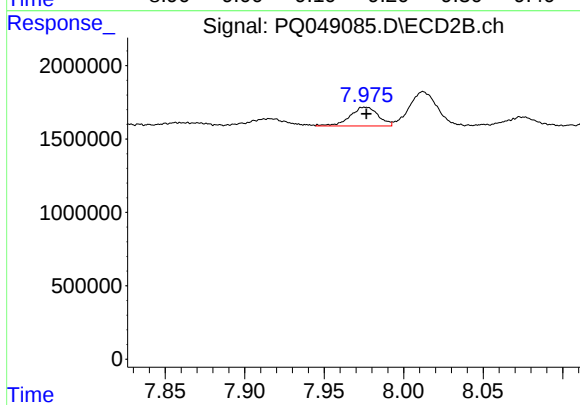
#33 AR-1260-3

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 5918922
Conc: 22.88 ng/ml



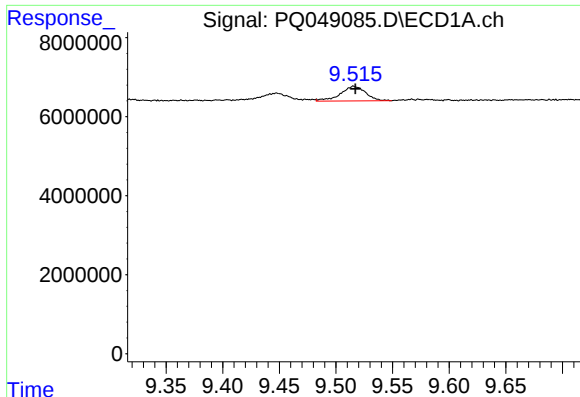
#34 AR-1260-4

R.T.: 9.162 min
Delta R.T.: -0.005 min
Response: 7574702
Conc: 18.17 ng/ml



#34 AR-1260-4

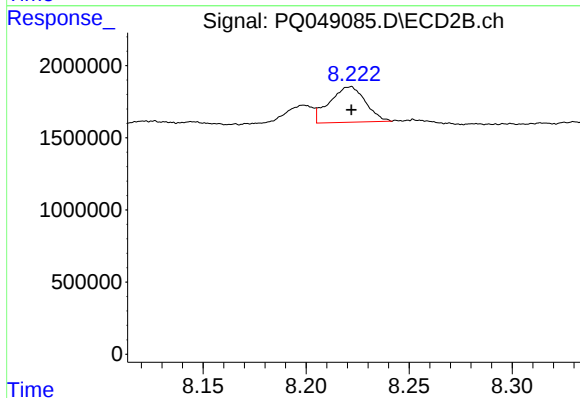
R.T.: 7.976 min
Delta R.T.: 0.000 min
Response: 1585870
Conc: 6.96 ng/ml



#35 AR-1260-5

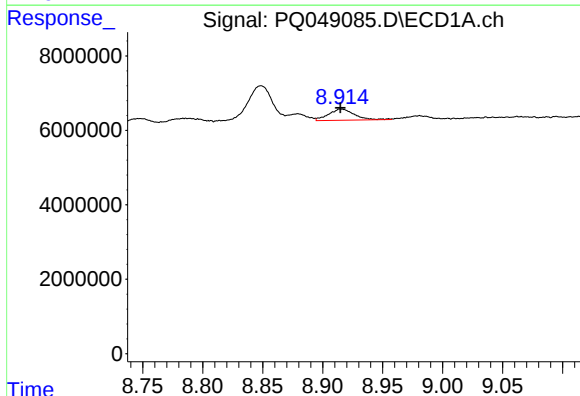
R.T.: 9.516 min
Delta R.T.: -0.001 min
Response: 5767071
Conc: 5.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



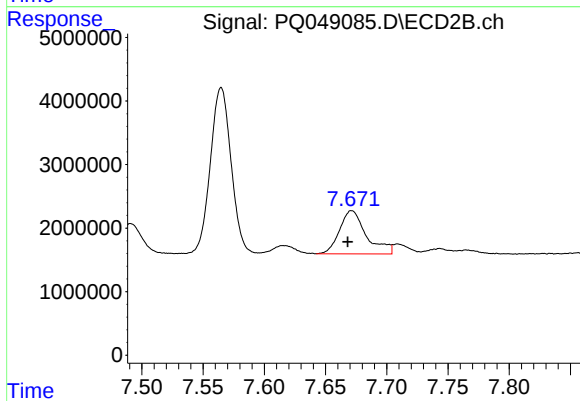
#35 AR-1260-5

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 2989774
Conc: 5.03 ng/ml



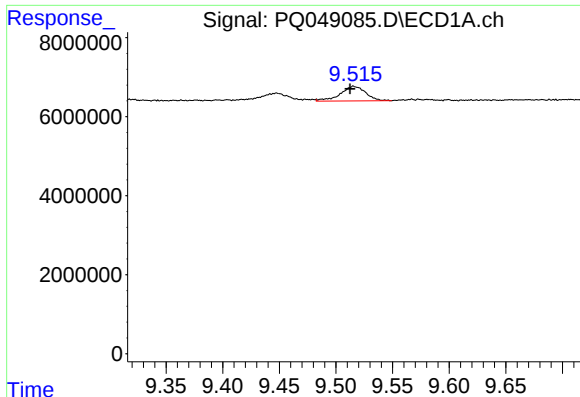
#36 AR-1262-1

R.T.: 8.915 min
Delta R.T.: 0.000 min
Response: 4545397
Conc: 6.32 ng/ml



#36 AR-1262-1

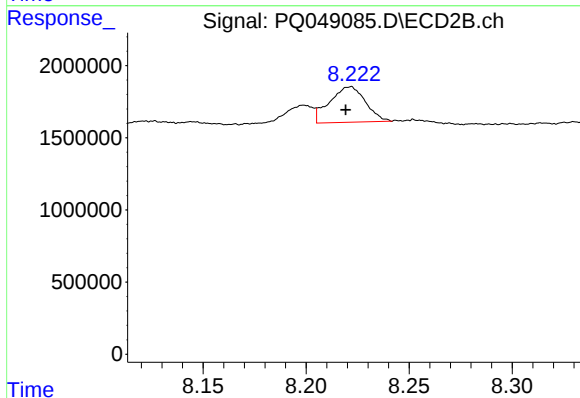
R.T.: 7.671 min
Delta R.T.: 0.003 min
Response: 10392688
Conc: 49.79 ng/ml



#37 AR-1262-2

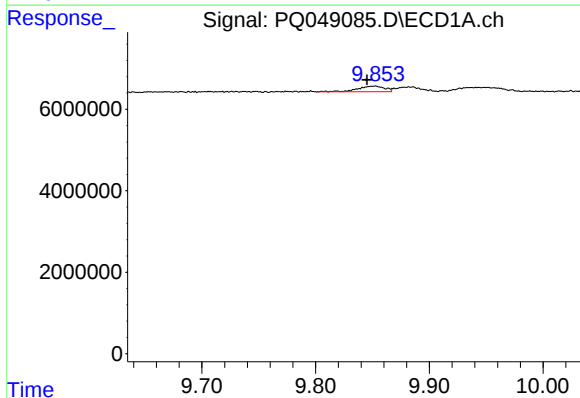
R.T.: 9.516 min
Delta R.T.: 0.003 min
Response: 5767071
Conc: 4.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



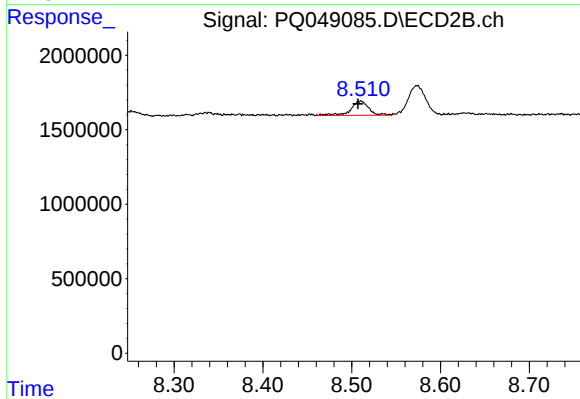
#37 AR-1262-2

R.T.: 8.221 min
Delta R.T.: 0.002 min
Response: 2989774
Conc: 3.78 ng/ml



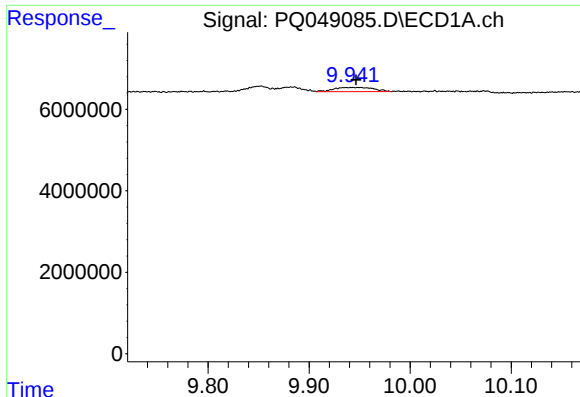
#38 AR-1262-3

R.T.: 9.852 min
Delta R.T.: 0.007 min
Response: 2265287
Conc: 3.50 ng/ml



#38 AR-1262-3

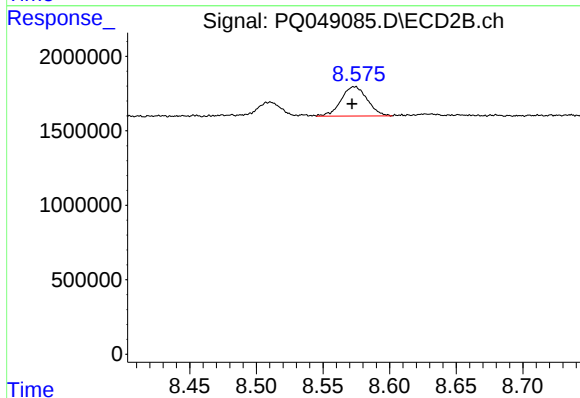
R.T.: 8.510 min
Delta R.T.: 0.003 min
Response: 1349136
Conc: 4.19 ng/ml



#39 AR-1262-4

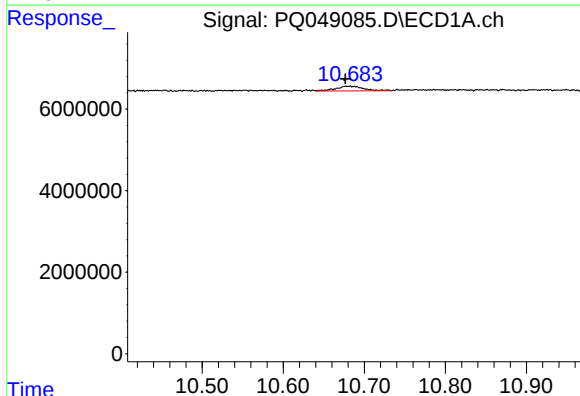
R.T.: 9.943 min
Delta R.T.: -0.004 min
Response: 2802307
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



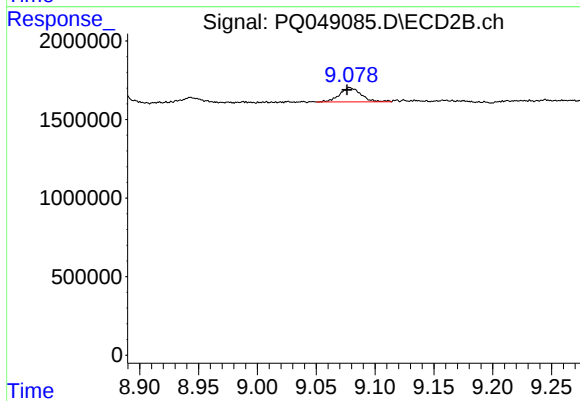
#39 AR-1262-4

R.T.: 8.574 min
Delta R.T.: 0.002 min
Response: 2690086
Conc: 4.56 ng/ml



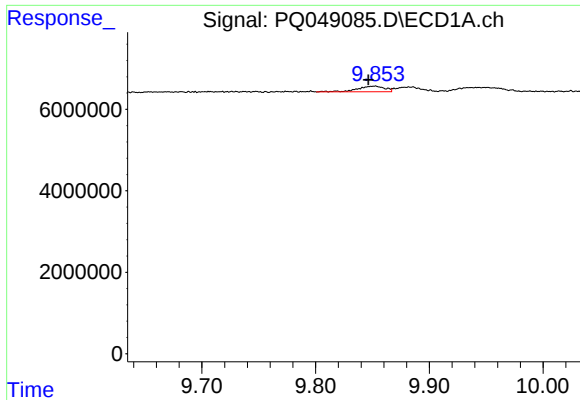
#40 AR-1262-5

R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 2704490
Conc: 4.90 ng/ml



#40 AR-1262-5

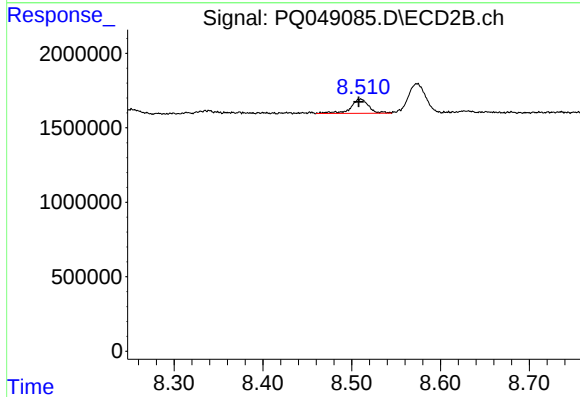
R.T.: 9.079 min
Delta R.T.: 0.002 min
Response: 1144663
Conc: 4.07 ng/ml



#41 AR-1268-1

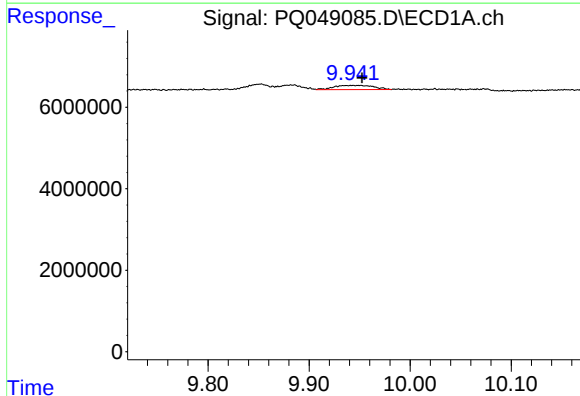
R.T.: 9.852 min
Delta R.T.: 0.006 min
Response: 2265287
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



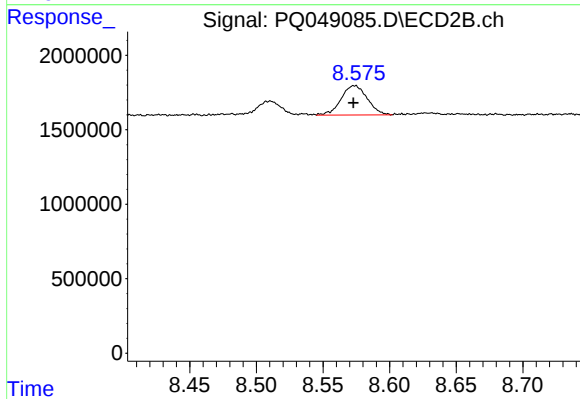
#41 AR-1268-1

R.T.: 8.510 min
Delta R.T.: 0.002 min
Response: 1349136
Conc: 1.46 ng/ml



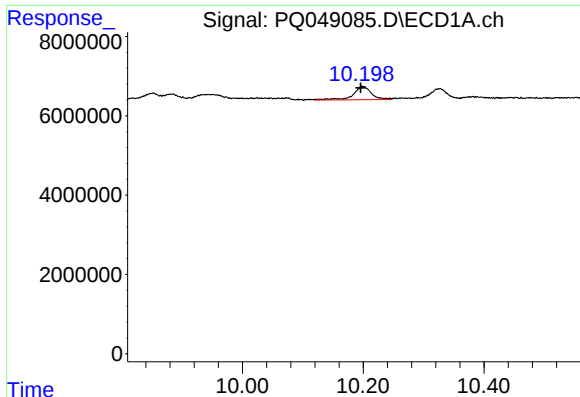
#42 AR-1268-2

R.T.: 9.943 min
Delta R.T.: -0.010 min
Response: 2802307
Conc: 1.78 ng/ml



#42 AR-1268-2

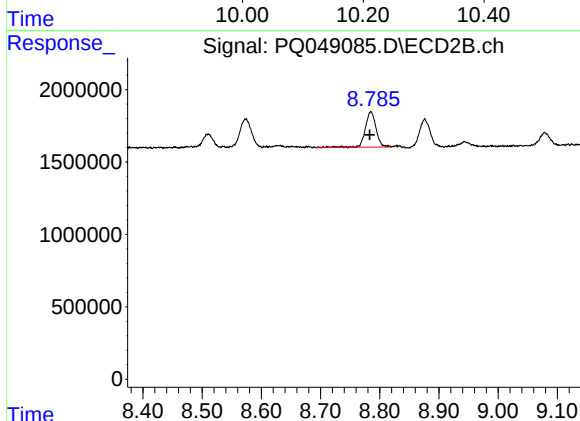
R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 2690086
Conc: 3.13 ng/ml



#43 AR-1268-3

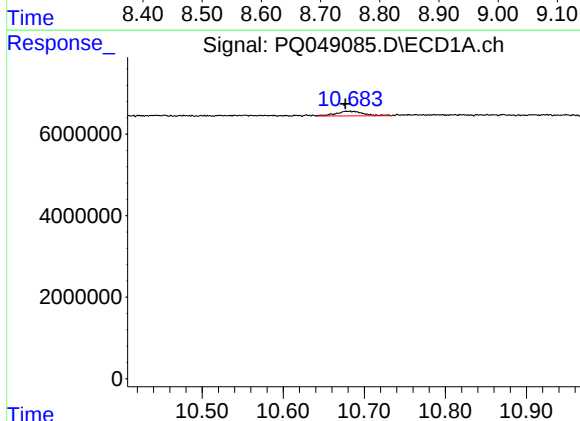
R.T.: 10.199 min
Delta R.T.: 0.003 min
Response: 6956449
Conc: 5.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



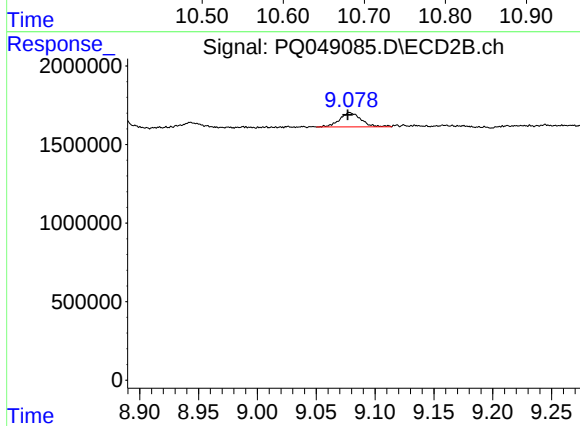
#43 AR-1268-3

R.T.: 8.785 min
Delta R.T.: 0.002 min
Response: 3097395
Conc: 4.30 ng/ml



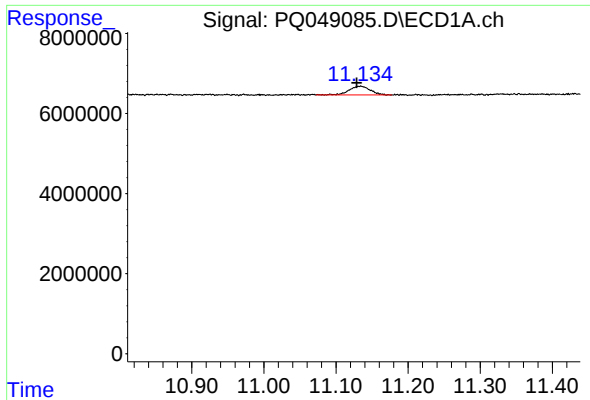
#44 AR-1268-4

R.T.: 10.678 min
Delta R.T.: 0.001 min
Response: 2704490
Conc: 4.38 ng/ml



#44 AR-1268-4

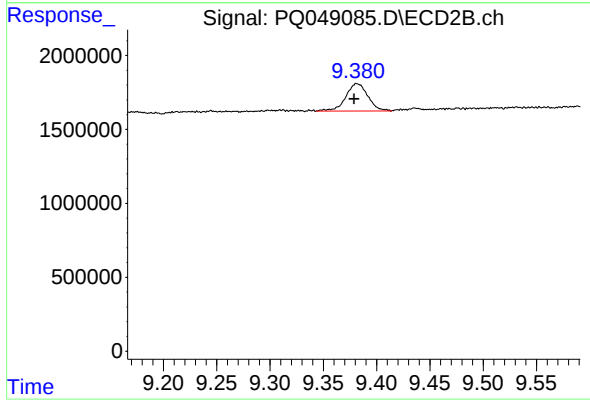
R.T.: 9.079 min
Delta R.T.: 0.002 min
Response: 1144663
Conc: 3.65 ng/ml



#45 AR-1268-5

R.T.: 11.134 min
Delta R.T.: 0.005 min
Response: 4535284
Conc: 1.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: 0.003 min
Response: 2667600
Conc: 1.16 ng/ml