

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
 Data File : PQ033116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2018 06:15
 Operator : SM\SJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 06:52:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 10 08:14:42 2018
 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...	4.573	3.853	46273487	35569974	22.556	22.870
2)	SA Decachlor...	10.406	8.906	70304507	60443089	37.192	37.599
Target Compounds							
3)	L1 AR-1016-1	5.750	4.965	23450360	26961507	336.786	470.961 #
4)	L1 AR-1016-2	5.772	4.965	33744447	26961507	327.590	338.356
5)	L1 AR-1016-3	5.834	5.143	20793442	14071901	332.072	339.244
6)	L1 AR-1016-4	5.935	5.182	16719631	10742638	330.809	313.527
7)	L1 AR-1016-5	6.228	5.399	16692381	13784751	323.929	301.695
8)	L2 AR-1221-1	4.778	4.065	183980	1714358	7.748	92.760 #
9)	L2 AR-1221-2	4.870	4.154	3096704	2330437	188.100	176.188
10)	L2 AR-1221-3	4.948	4.231	11295102	10142631	196.872	221.788
11)	L3 AR-1232-1	4.948	4.231	11295102	10142631	254.428	293.099
12)	L3 AR-1232-2	5.482	4.965	17518354	26961507	741.712	717.018
13)	L3 AR-1232-3	5.772	5.143	33744447	14071901	705.809	718.475
14)	L3 AR-1232-4	5.935	5.225	16719631	13941082	701.945	812.265
15)	L3 AR-1232-5	6.022	5.399	14563804	13784751	816.623	706.906
16)	L4 AR-1242-1	5.750	4.965	23450360	26961507	392.957	554.099 #
17)	L4 AR-1242-2	5.772	4.965	33744447	26961507	388.546	399.432
18)	L4 AR-1242-3	5.834	5.143	20793442	14071901	397.665	384.156
19)	L4 AR-1242-4	5.935	5.225	16719631	13941082	387.710	378.494
20)	L4 AR-1242-5	6.671	5.749	17606894	17402803	357.157	362.260
21)	L5 AR-1248-1	5.750	4.946	23450360	19368541	472.764	472.636
22)	L5 AR-1248-2	6.022	5.182	14563804	10742638	198.006	195.536
23)	L5 AR-1248-3	6.228	5.225	16692381	13941082	204.252	248.937
24)	L5 AR-1248-4	6.633	5.399	17149177	13784751	183.078	199.869
25)	L5 AR-1248-5	6.671	5.791	17606894	14821255	198.257	214.404
26)	L6 AR-1254-1	6.604	5.749	13234726	17402803	133.547	154.471
27)	L6 AR-1254-2	6.831	5.895	15237110	4042809	97.500	40.942 #
28)	L6 AR-1254-3	7.193	6.302	5846738	6180839	34.457	37.191
29)	L6 AR-1254-4	7.478	6.529	4722936	4537011	38.250	42.643
30)	L6 AR-1254-5	7.897	6.947	1561112	1701303	11.793	11.583
31)	L7 AR-1260-1	7.318	6.449	2209157	1802311	20.655	19.189
32)	L7 AR-1260-2	0.000	6.617	0	1053975	N.D.	9.046 #
33)	L7 AR-1260-3	0.000	6.772	0	1338617	N.D.	12.413 #
34)	L7 AR-1260-4	0.000	7.247	0	647914	N.D.	8.429 #
35)	L7 AR-1260-5	0.000	7.483	0	841455	N.D.	4.380 #
36)	L8 AR-1262-1	0.000	6.975	0	823232	N.D.	6.406 #
37)	L8 AR-1262-2	0.000	7.483	0	841455	N.D.	3.513 #
38)	L8 AR-1262-3	0.000	7.830	0	385920	N.D.	4.143 #
39)	L8 AR-1262-4	0.000	7.830	0	385920	N.D.	2.217 #
41)	L9 AR-1268-1	0.000	7.830	0	385920	N.D.	1.129 #
42)	L9 AR-1268-2	0.000	7.830	0	385920	N.D.	1.249 #

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Instrument :
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 10 08:14:42 2018
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
43) L9	AR-1268-3	0.000	8.034	0	348894	N.D.	1.364 #
45) L9	AR-1268-5	0.000	8.639	0	746187	N.D.	0.892 #

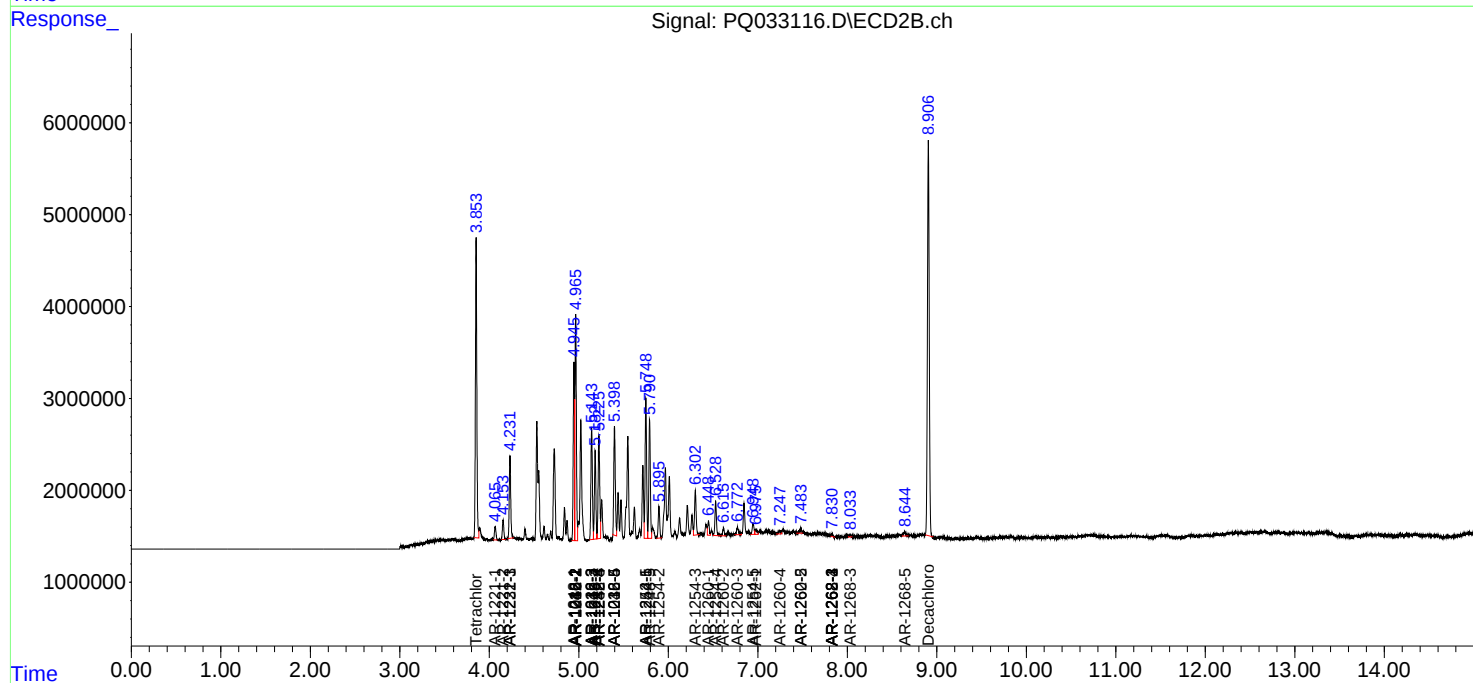
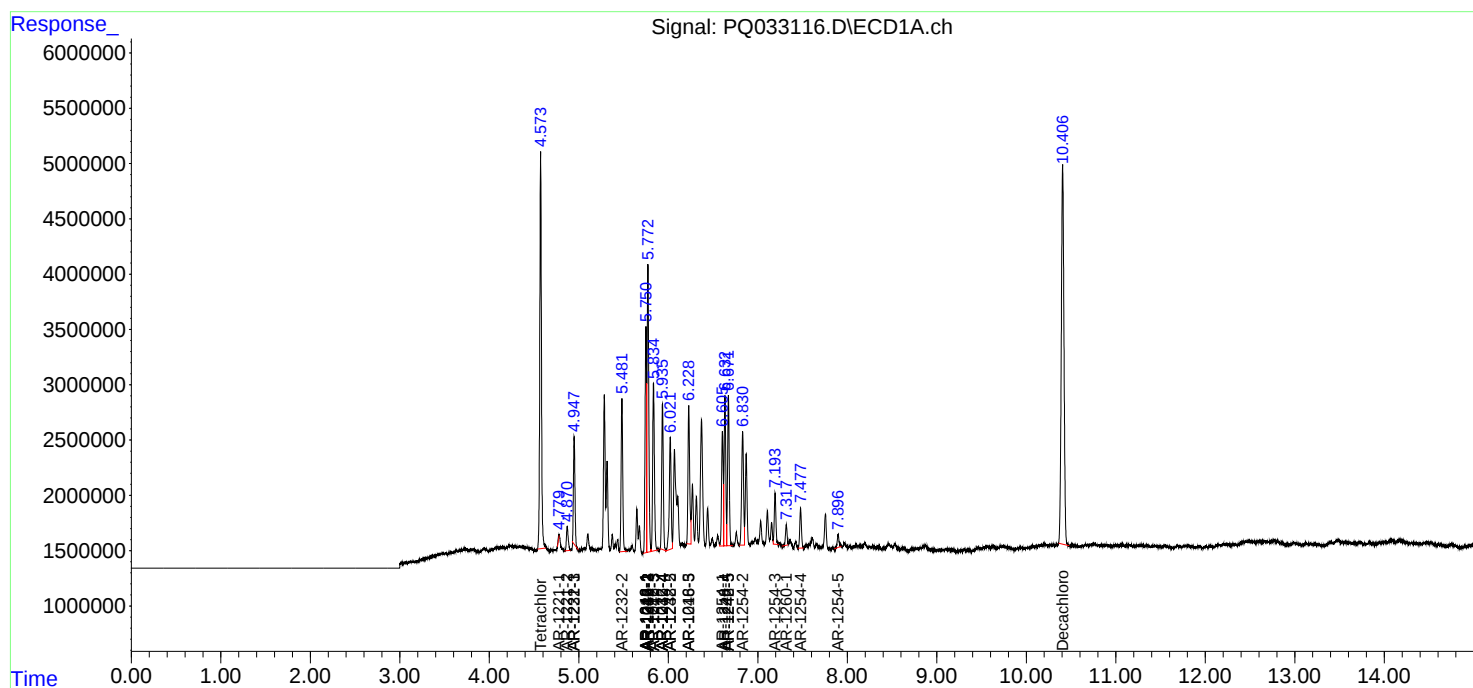
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

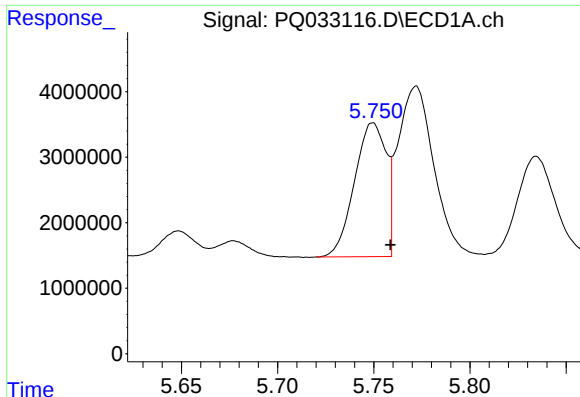
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101318\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

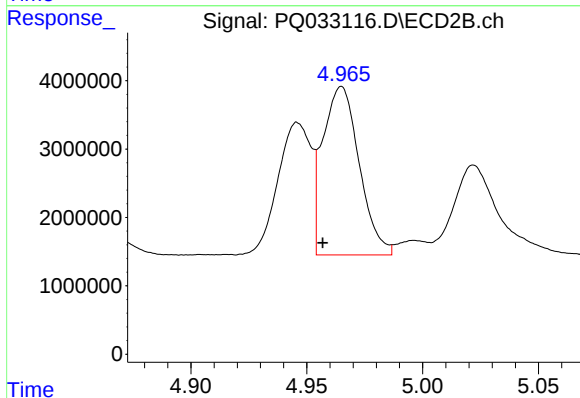




#3 AR-1016-1

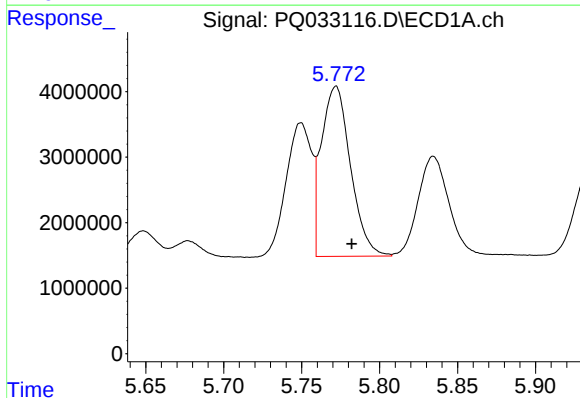
R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 23450360
Conc: 336.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



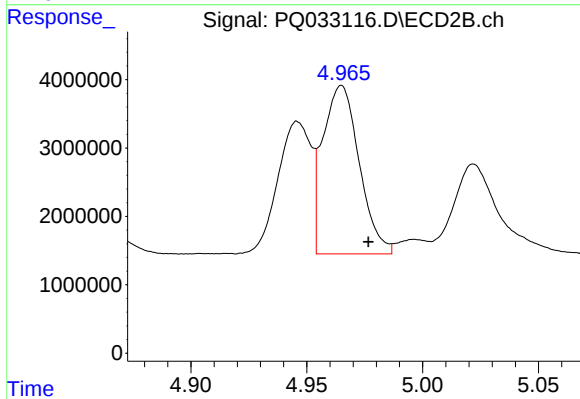
#3 AR-1016-1

R.T.: 4.965 min
Delta R.T.: 0.008 min
Response: 26961507
Conc: 470.96 ng/ml



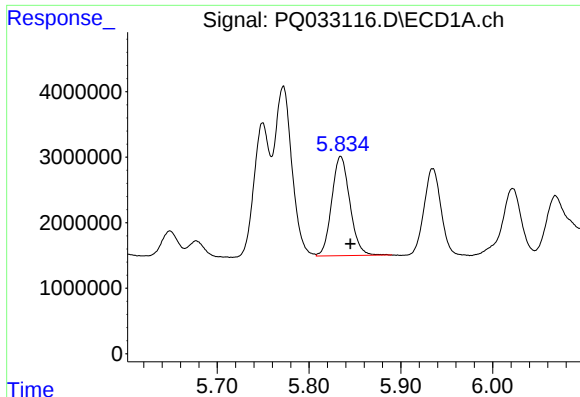
#4 AR-1016-2

R.T.: 5.772 min
Delta R.T.: -0.010 min
Response: 33744447
Conc: 327.59 ng/ml



#4 AR-1016-2

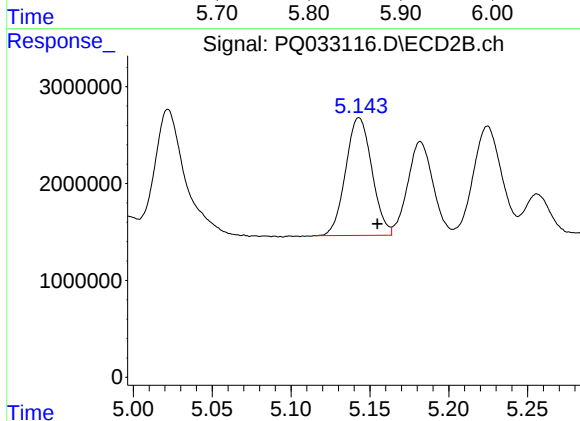
R.T.: 4.965 min
Delta R.T.: -0.011 min
Response: 26961507
Conc: 338.36 ng/ml



#5 AR-1016-3

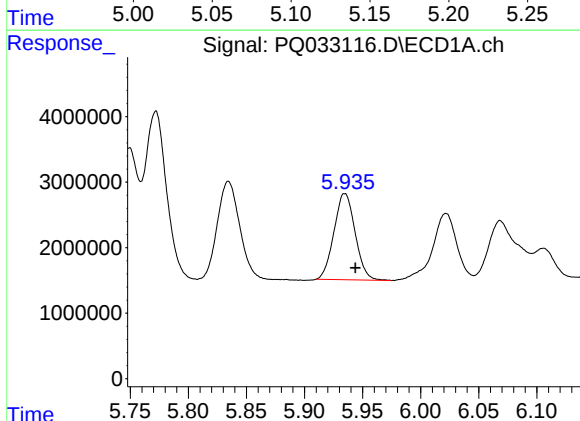
R.T.: 5.834 min
Delta R.T.: -0.011 min
Response: 20793442
Conc: 332.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



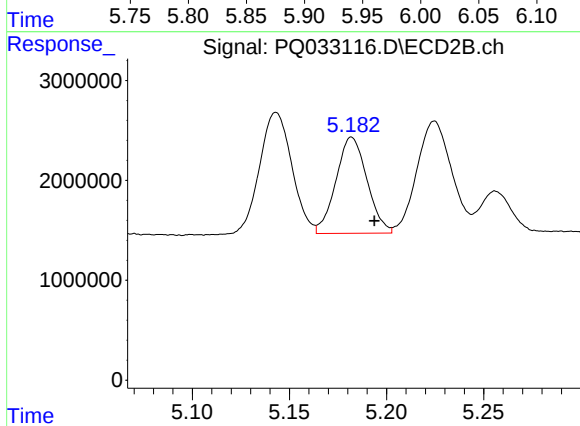
#5 AR-1016-3

R.T.: 5.143 min
Delta R.T.: -0.011 min
Response: 14071901
Conc: 339.24 ng/ml



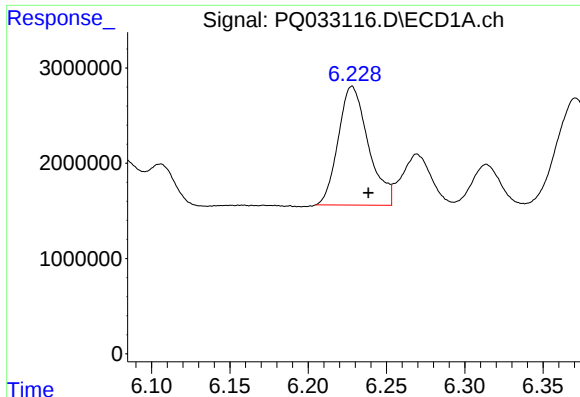
#6 AR-1016-4

R.T.: 5.935 min
Delta R.T.: -0.009 min
Response: 16719631
Conc: 330.81 ng/ml



#6 AR-1016-4

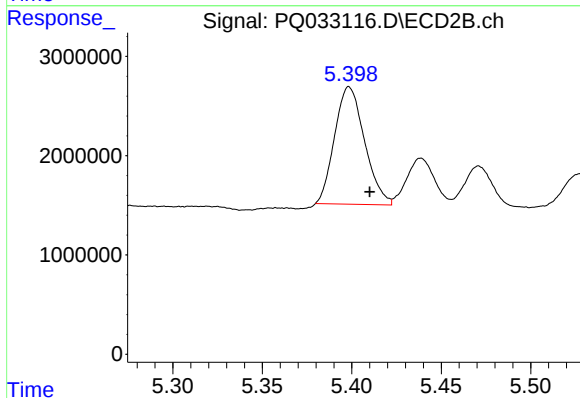
R.T.: 5.182 min
Delta R.T.: -0.012 min
Response: 10742638
Conc: 313.53 ng/ml



#7 AR-1016-5

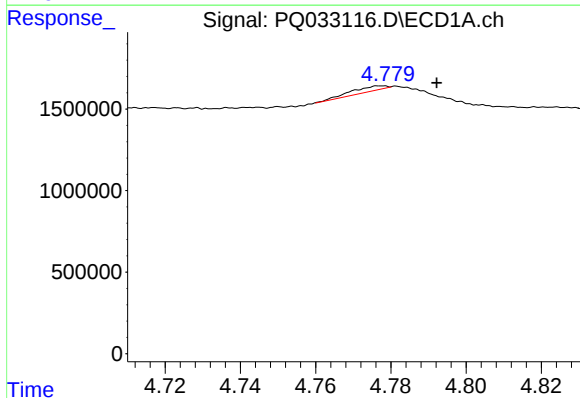
R.T.: 6.228 min
Delta R.T.: -0.010 min
Response: 16692381
Conc: 323.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



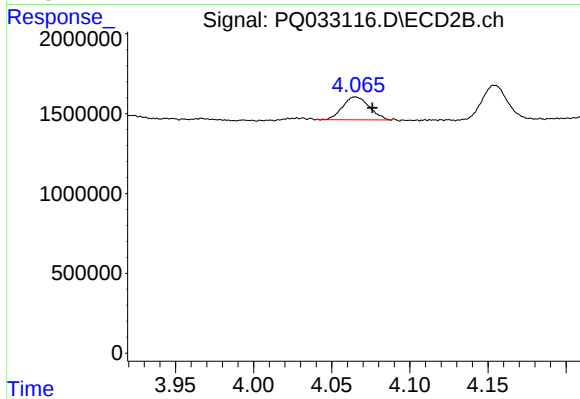
#7 AR-1016-5

R.T.: 5.399 min
Delta R.T.: -0.012 min
Response: 13784751
Conc: 301.70 ng/ml



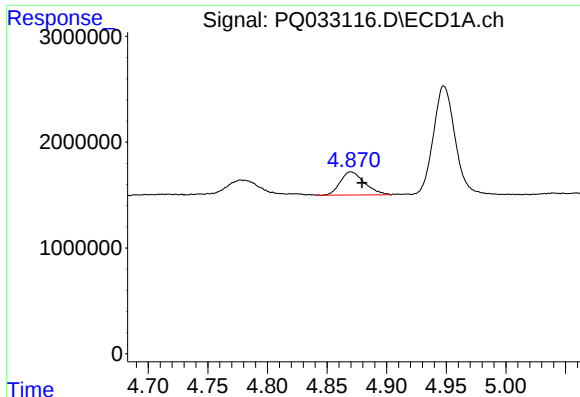
#8 AR-1221-1

R.T.: 4.778 min
Delta R.T.: -0.014 min
Response: 183980
Conc: 7.75 ng/ml



#8 AR-1221-1

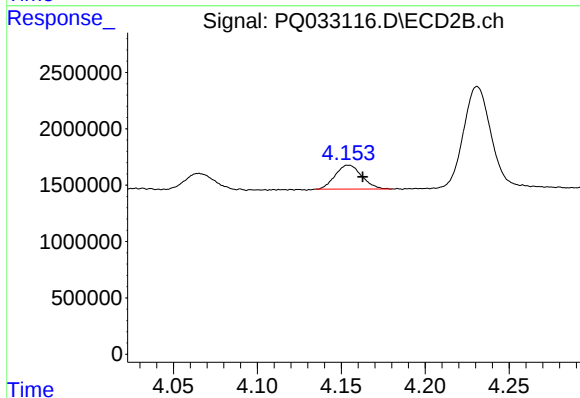
R.T.: 4.065 min
Delta R.T.: -0.011 min
Response: 1714358
Conc: 92.76 ng/ml



#9 AR-1221-2

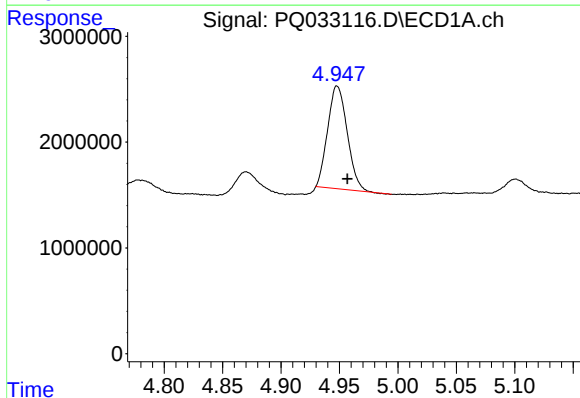
R.T.: 4.870 min
Delta R.T.: -0.009 min
Response: 3096704
Conc: 188.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



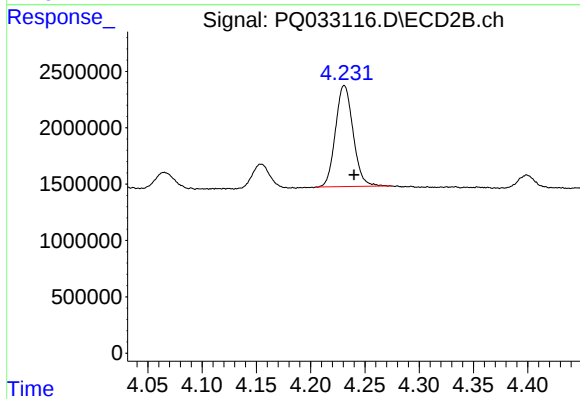
#9 AR-1221-2

R.T.: 4.154 min
Delta R.T.: -0.008 min
Response: 2330437
Conc: 176.19 ng/ml



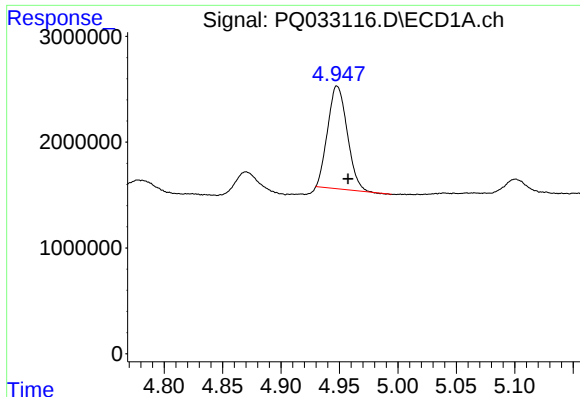
#10 AR-1221-3

R.T.: 4.948 min
Delta R.T.: -0.009 min
Response: 11295102
Conc: 196.87 ng/ml



#10 AR-1221-3

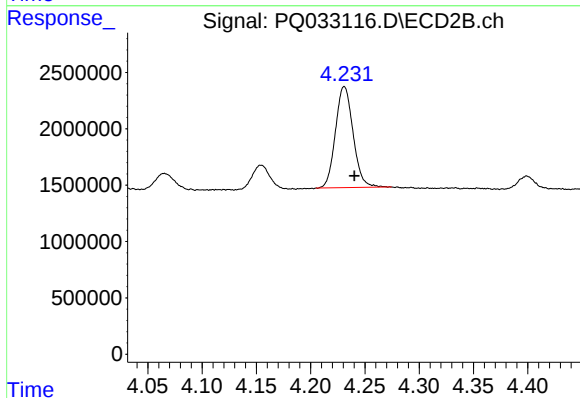
R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 10142631
Conc: 221.79 ng/ml



#11 AR-1232-1

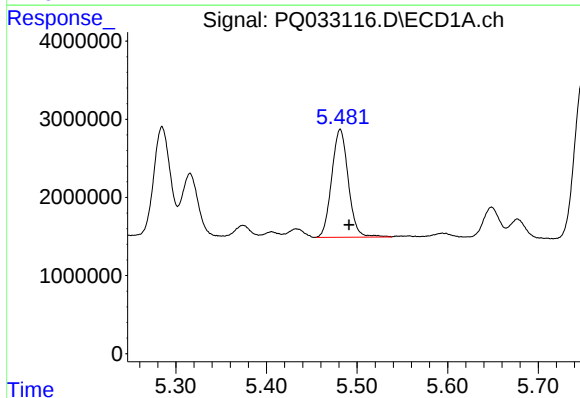
R.T.: 4.948 min
Delta R.T.: -0.010 min
Response: 11295102
Conc: 254.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



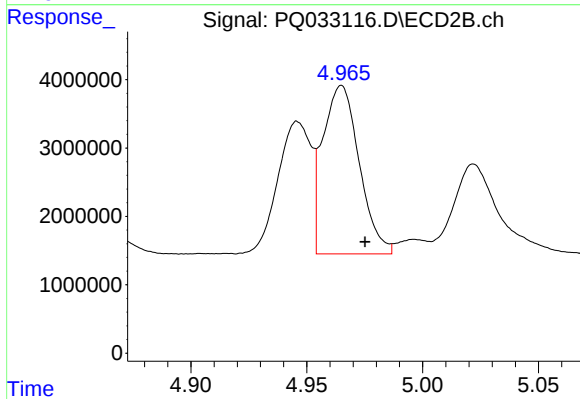
#11 AR-1232-1

R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 10142631
Conc: 293.10 ng/ml



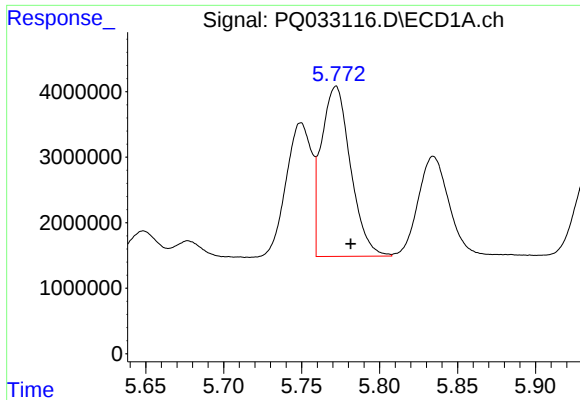
#12 AR-1232-2

R.T.: 5.482 min
Delta R.T.: -0.010 min
Response: 17518354
Conc: 741.71 ng/ml



#12 AR-1232-2

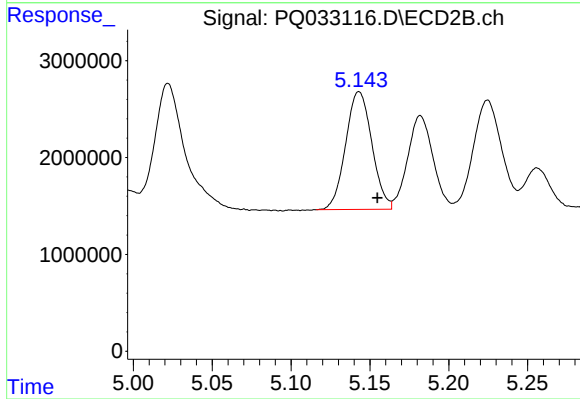
R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 26961507
Conc: 717.02 ng/ml



#13 AR-1232-3

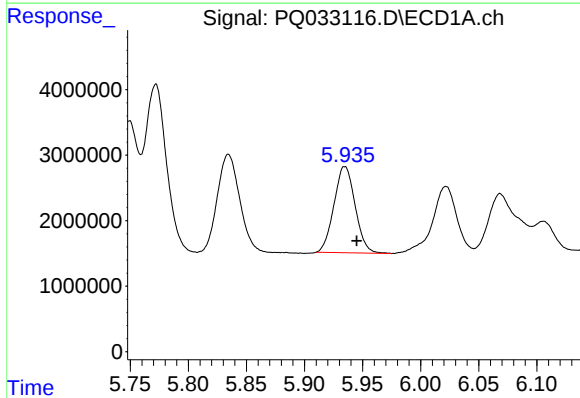
R.T.: 5.772 min
Delta R.T.: -0.009 min
Response: 33744447
Conc: 705.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



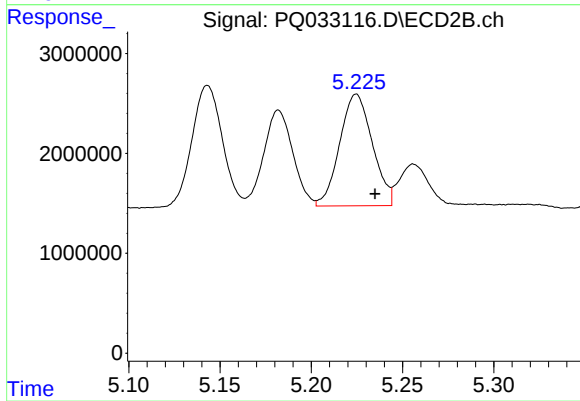
#13 AR-1232-3

R.T.: 5.143 min
Delta R.T.: -0.012 min
Response: 14071901
Conc: 718.48 ng/ml



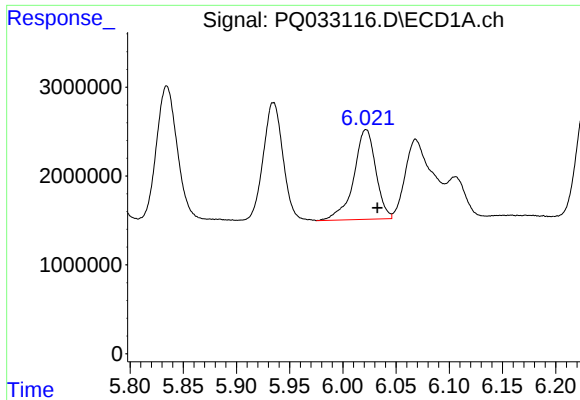
#14 AR-1232-4

R.T.: 5.935 min
Delta R.T.: -0.010 min
Response: 16719631
Conc: 701.94 ng/ml



#14 AR-1232-4

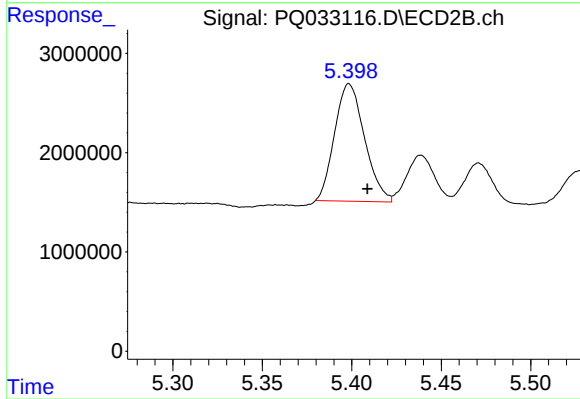
R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 13941082
Conc: 812.27 ng/ml



#15 AR-1232-5

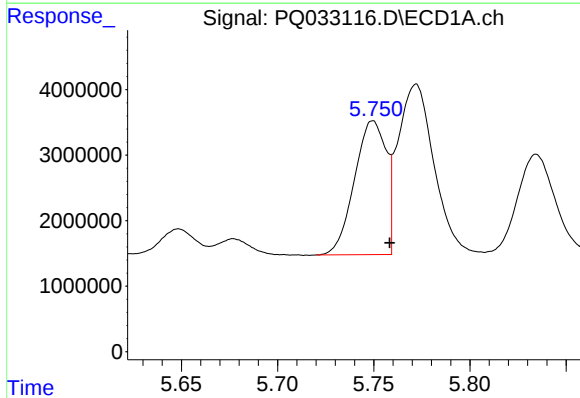
R.T.: 6.022 min
Delta R.T.: -0.010 min
Response: 14563804
Conc: 816.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



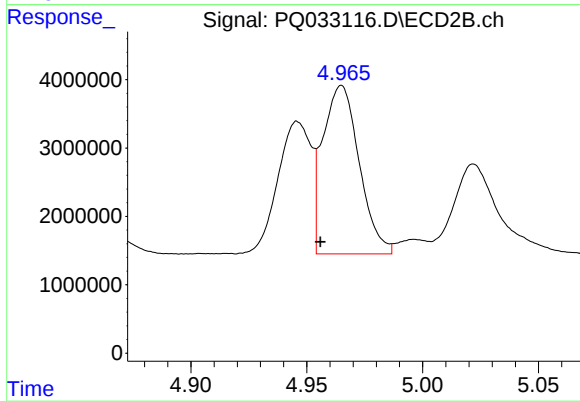
#15 AR-1232-5

R.T.: 5.399 min
Delta R.T.: -0.010 min
Response: 13784751
Conc: 706.91 ng/ml



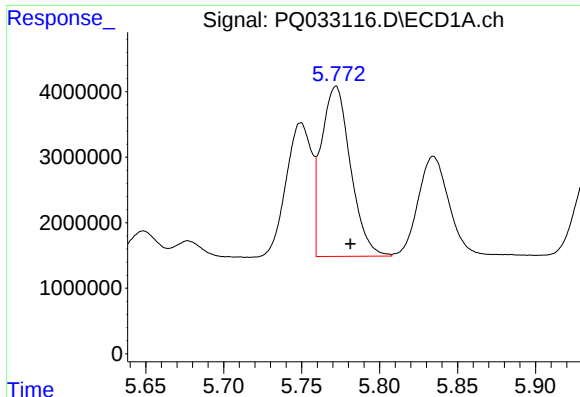
#16 AR-1242-1

R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 23450360
Conc: 392.96 ng/ml



#16 AR-1242-1

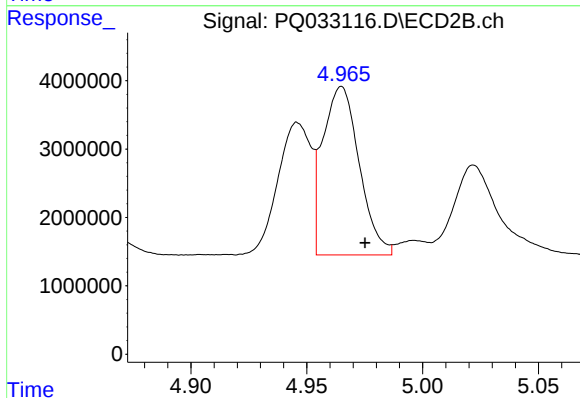
R.T.: 4.965 min
Delta R.T.: 0.009 min
Response: 26961507
Conc: 554.10 ng/ml



#17 AR-1242-2

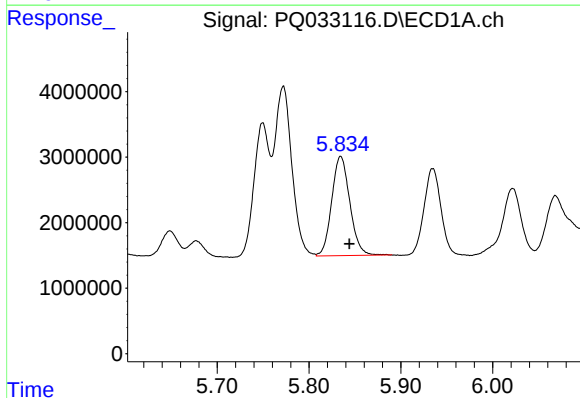
R.T.: 5.772 min
Delta R.T.: -0.009 min
Response: 33744447
Conc: 388.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



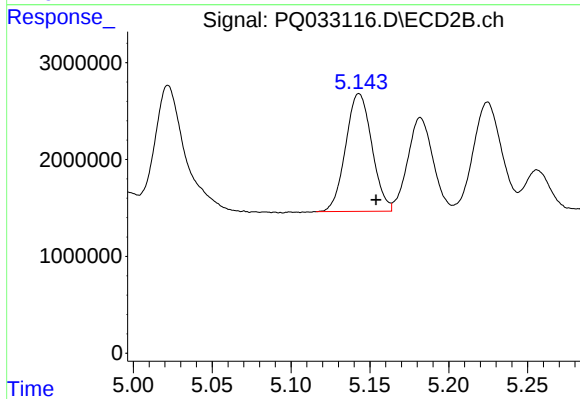
#17 AR-1242-2

R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 26961507
Conc: 399.43 ng/ml



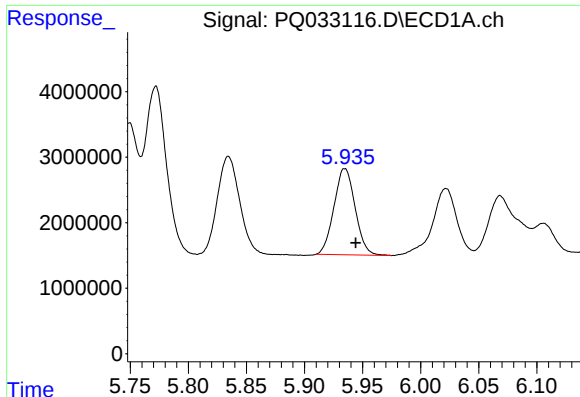
#18 AR-1242-3

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 20793442
Conc: 397.67 ng/ml



#18 AR-1242-3

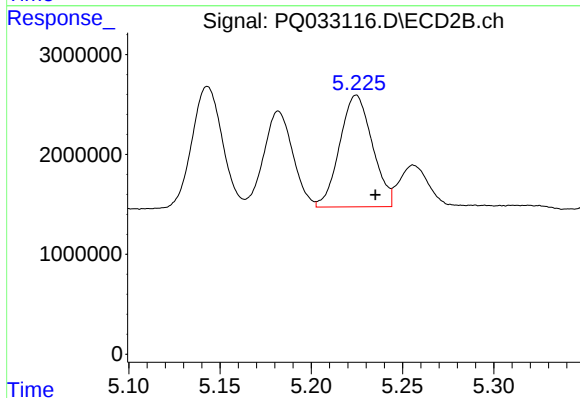
R.T.: 5.143 min
Delta R.T.: -0.011 min
Response: 14071901
Conc: 384.16 ng/ml



#19 AR-1242-4

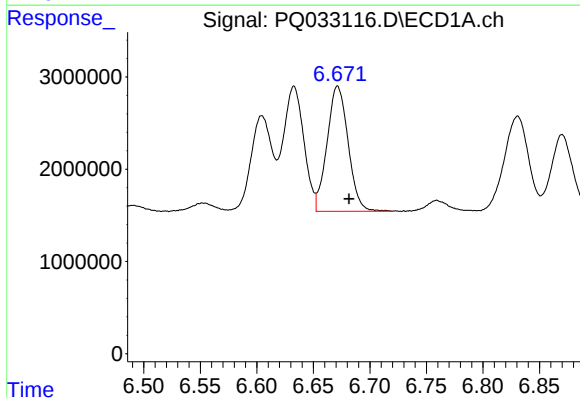
R.T.: 5.935 min
Delta R.T.: -0.009 min
Response: 16719631
Conc: 387.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



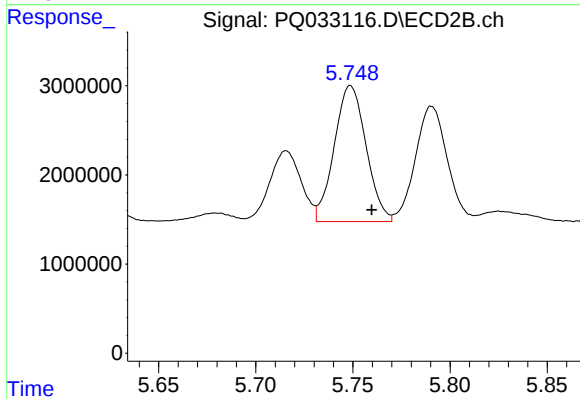
#19 AR-1242-4

R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 13941082
Conc: 378.49 ng/ml



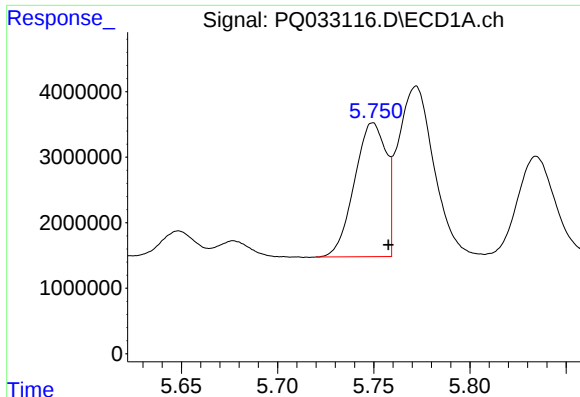
#20 AR-1242-5

R.T.: 6.671 min
Delta R.T.: -0.010 min
Response: 17606894
Conc: 357.16 ng/ml



#20 AR-1242-5

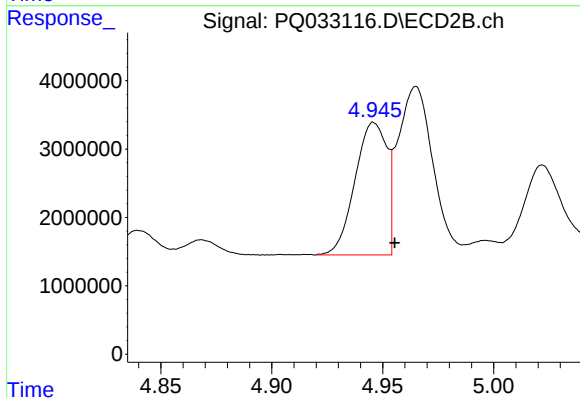
R.T.: 5.749 min
Delta R.T.: -0.011 min
Response: 17402803
Conc: 362.26 ng/ml



#21 AR-1248-1

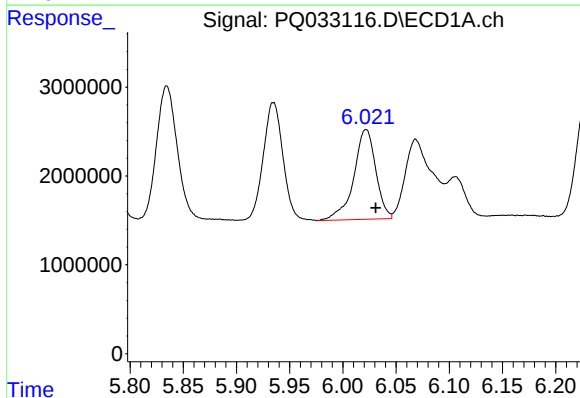
R.T.: 5.750 min
Delta R.T.: -0.008 min
Response: 23450360
Conc: 472.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



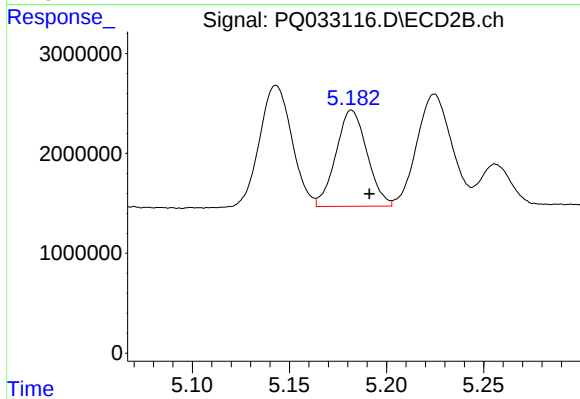
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: -0.010 min
Response: 19368541
Conc: 472.64 ng/ml



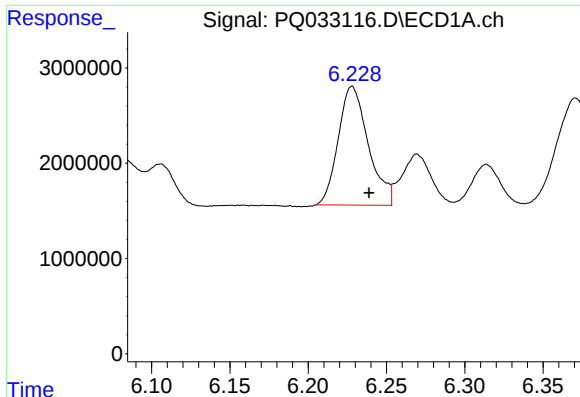
#22 AR-1248-2

R.T.: 6.022 min
Delta R.T.: -0.009 min
Response: 14563804
Conc: 198.01 ng/ml



#22 AR-1248-2

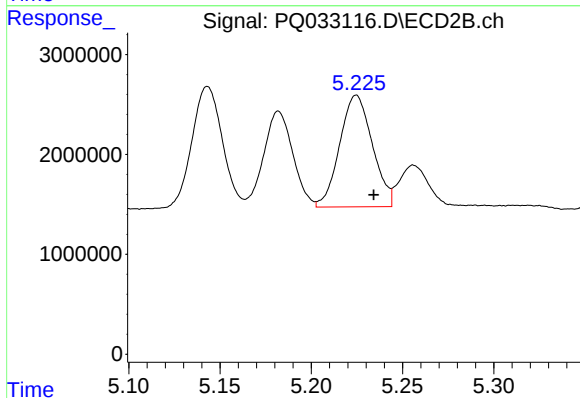
R.T.: 5.182 min
Delta R.T.: -0.009 min
Response: 10742638
Conc: 195.54 ng/ml



#23 AR-1248-3

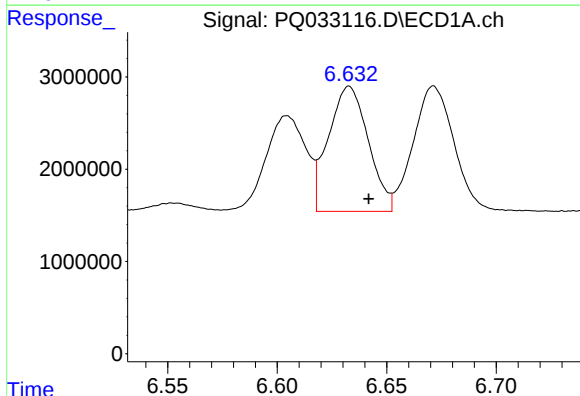
R.T.: 6.228 min
Delta R.T.: -0.011 min
Response: 16692381
Conc: 204.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



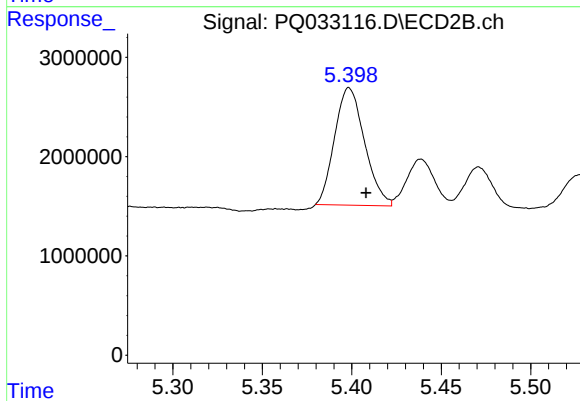
#23 AR-1248-3

R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 13941082
Conc: 248.94 ng/ml



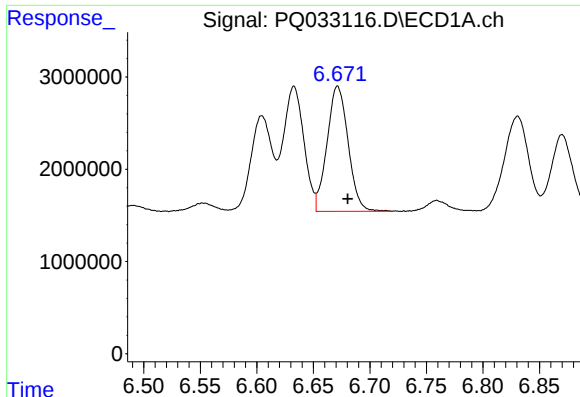
#24 AR-1248-4

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 17149177
Conc: 183.08 ng/ml



#24 AR-1248-4

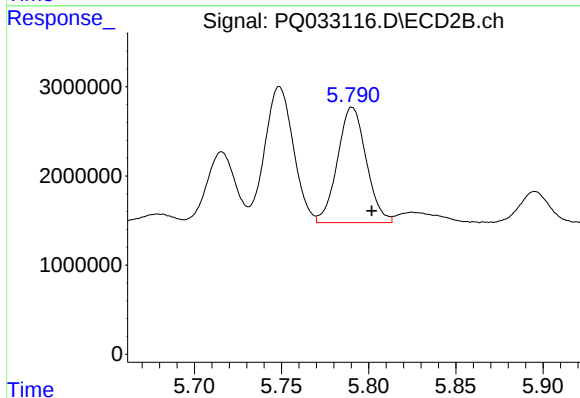
R.T.: 5.399 min
Delta R.T.: -0.009 min
Response: 13784751
Conc: 199.87 ng/ml



#25 AR-1248-5

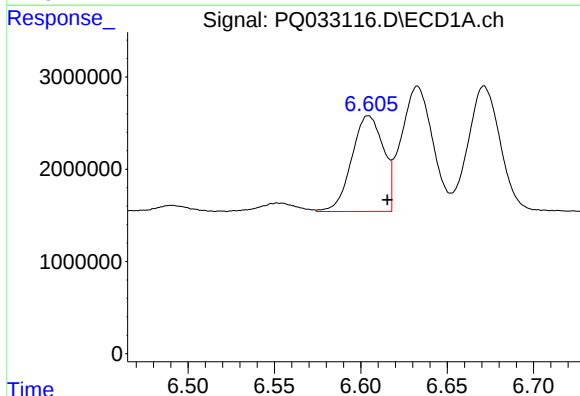
R.T.: 6.671 min
Delta R.T.: -0.009 min
Response: 17606894
Conc: 198.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



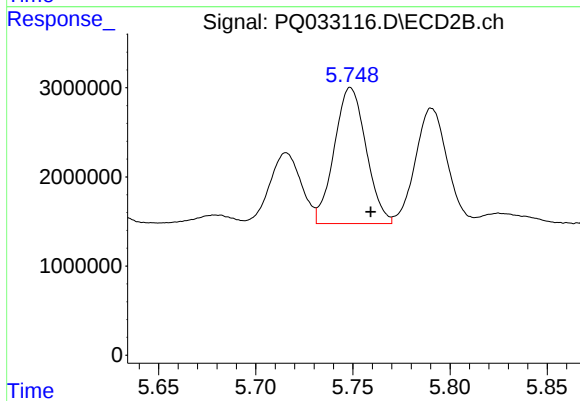
#25 AR-1248-5

R.T.: 5.791 min
Delta R.T.: -0.011 min
Response: 14821255
Conc: 214.40 ng/ml



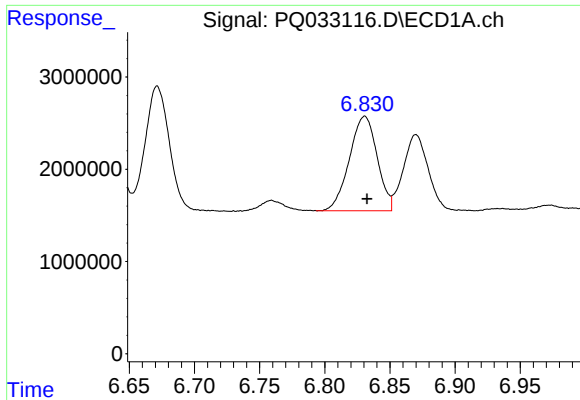
#26 AR-1254-1

R.T.: 6.604 min
Delta R.T.: -0.011 min
Response: 13234726
Conc: 133.55 ng/ml



#26 AR-1254-1

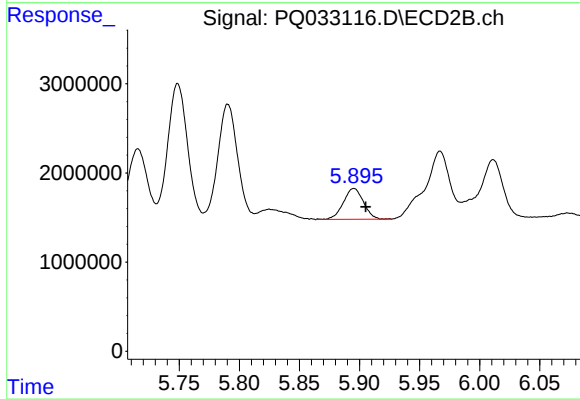
R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 17402803
Conc: 154.47 ng/ml



#27 AR-1254-2

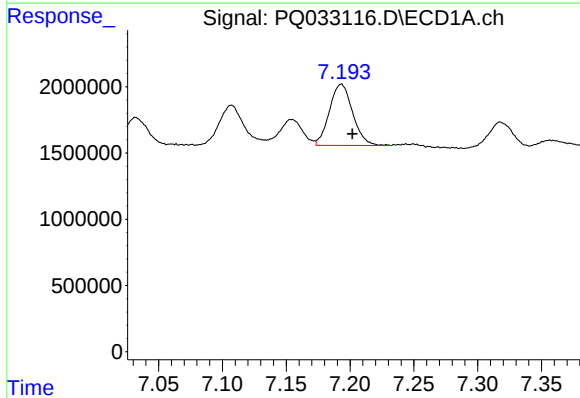
R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 15237110
Conc: 97.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



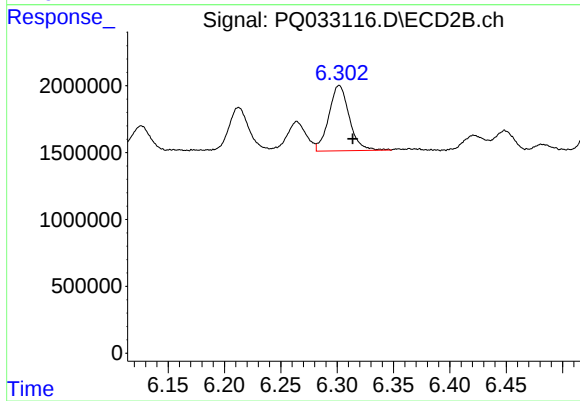
#27 AR-1254-2

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 4042809
Conc: 40.94 ng/ml



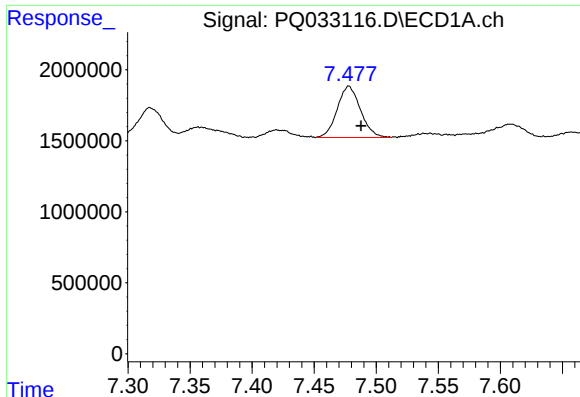
#28 AR-1254-3

R.T.: 7.193 min
Delta R.T.: -0.009 min
Response: 5846738
Conc: 34.46 ng/ml



#28 AR-1254-3

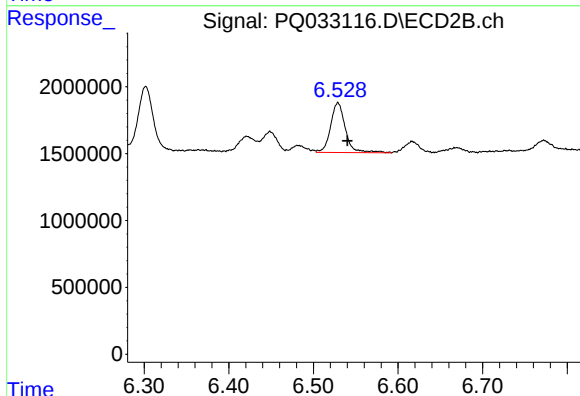
R.T.: 6.302 min
Delta R.T.: -0.012 min
Response: 6180839
Conc: 37.19 ng/ml



#29 AR-1254-4

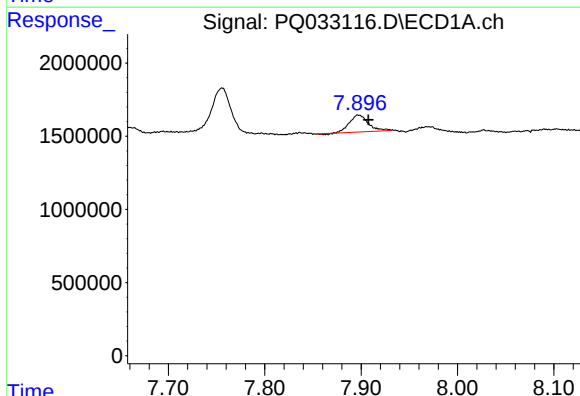
R.T.: 7.478 min
Delta R.T.: -0.010 min
Response: 4722936
Conc: 38.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



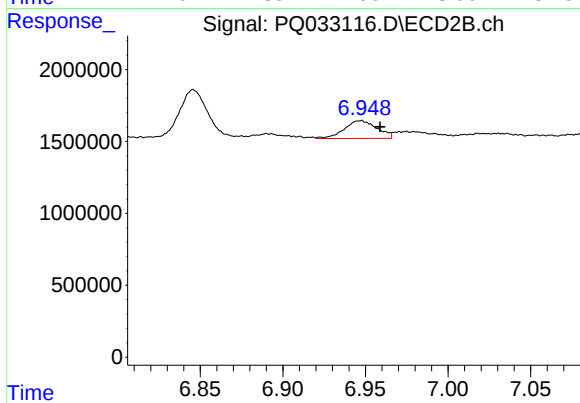
#29 AR-1254-4

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 4537011
Conc: 42.64 ng/ml



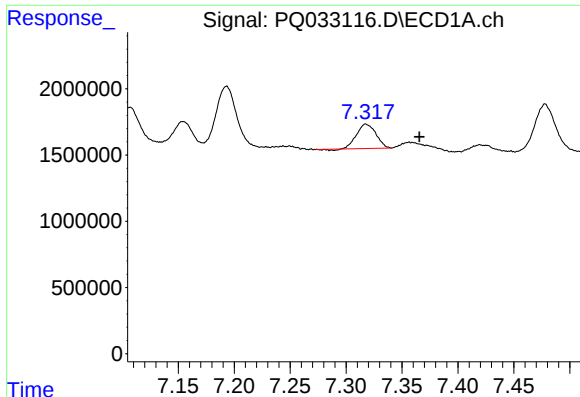
#30 AR-1254-5

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 1561112
Conc: 11.79 ng/ml



#30 AR-1254-5

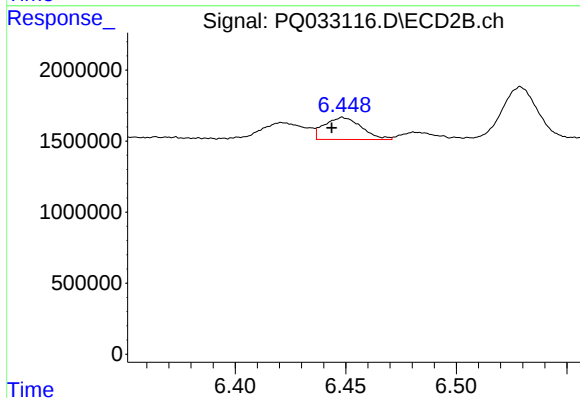
R.T.: 6.947 min
Delta R.T.: -0.012 min
Response: 1701303
Conc: 11.58 ng/ml



#31 AR-1260-1

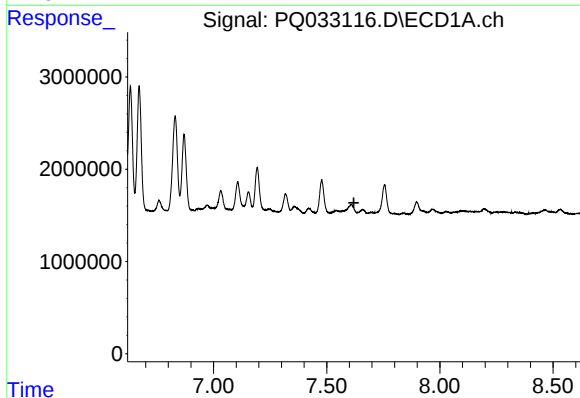
R.T.: 7.318 min
Delta R.T.: -0.048 min
Response: 2209157
Conc: 20.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



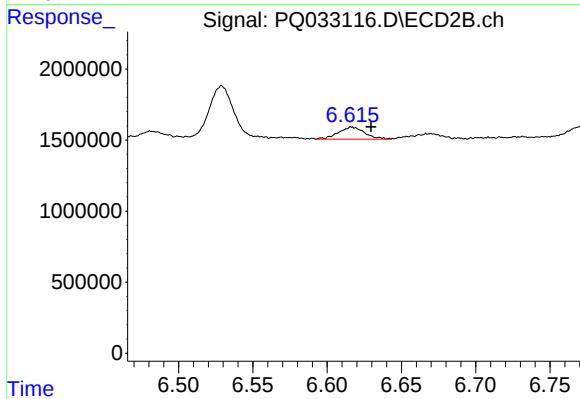
#31 AR-1260-1

R.T.: 6.449 min
Delta R.T.: 0.005 min
Response: 1802311
Conc: 19.19 ng/ml



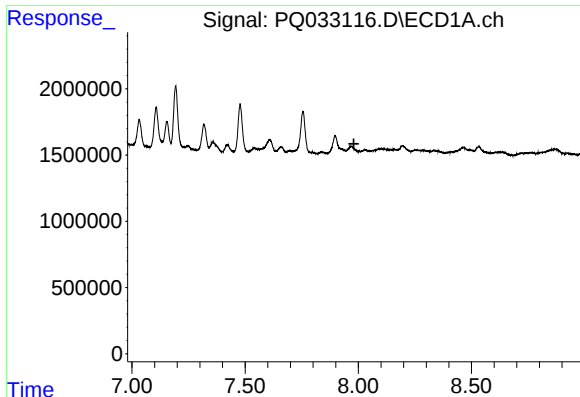
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#32 AR-1260-2

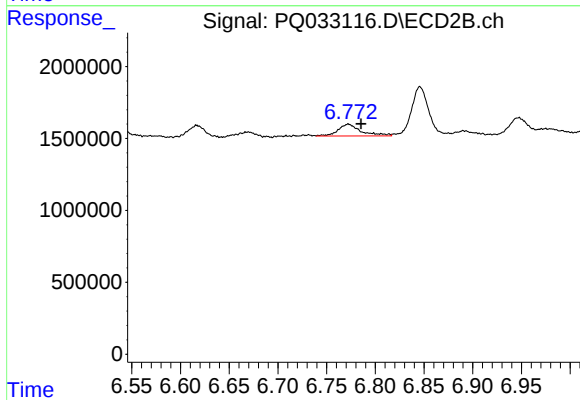
R.T.: 6.617 min
Delta R.T.: -0.013 min
Response: 1053975
Conc: 9.05 ng/ml



#33 AR-1260-3

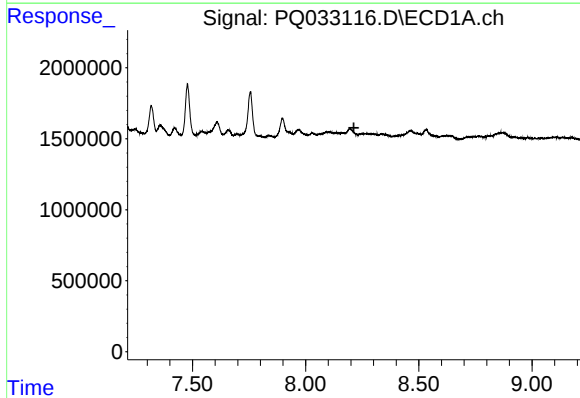
R.T.: 0.000 min
Exp R.T. : 7.981 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



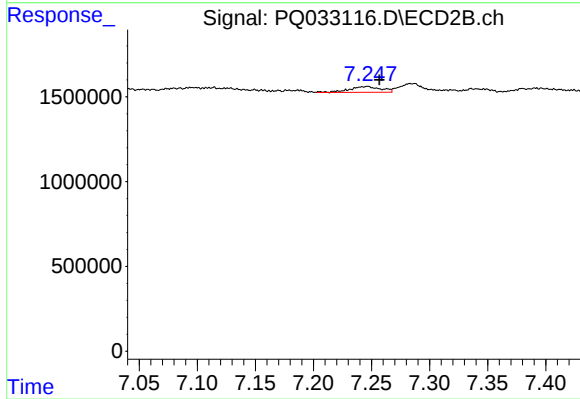
#33 AR-1260-3

R.T.: 6.772 min
Delta R.T.: -0.013 min
Response: 1338617
Conc: 12.41 ng/ml



#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.213 min
Response: 0
Conc: N.D.



#34 AR-1260-4

R.T.: 7.247 min
Delta R.T.: -0.010 min
Response: 647914
Conc: 8.43 ng/ml

```

      R.T.:      0.000 min
Exp R.T.  :      8.544 min
Response:          0
      Conc:      N.D.

```

Instrument :
ECD_Q
ClientSampleId :

R.T.: 7.483 min
Delta R.T.: -0.013 min
Response: 841455
Conc: 4.38 ng/ml

```

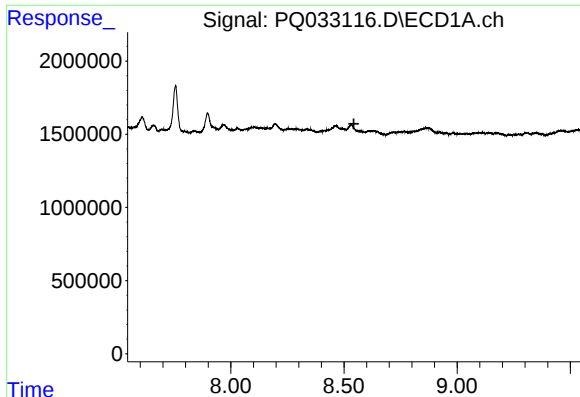
      R.T.:      0.000 min
Exp R.T.  :      7.980 min
  Response:           0
    Conc:    N.D.

```

```

      R.T.:      6.975 min
Delta R.T.:    -0.019 min
  Response:      823232
      Conc:      6.41 ng/ml

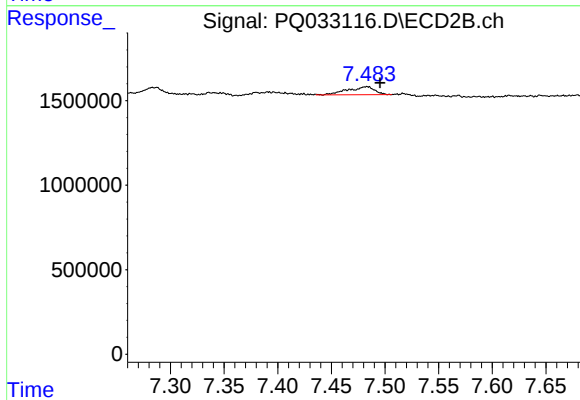
```



#37 AR-1262-2

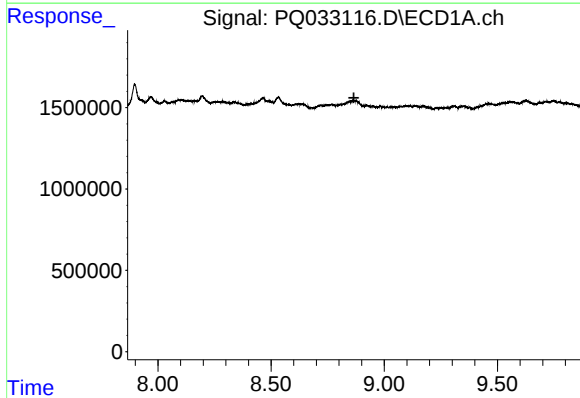
R.T.: 0.000 min
Exp R.T.: 8.544 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



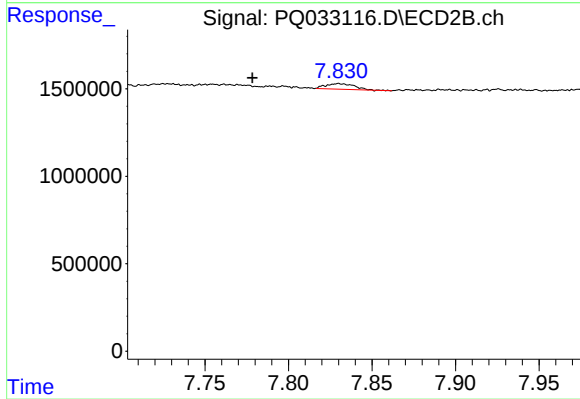
#37 AR-1262-2

R.T.: 7.483 min
Delta R.T.: -0.012 min
Response: 841455
Conc: 3.51 ng/ml



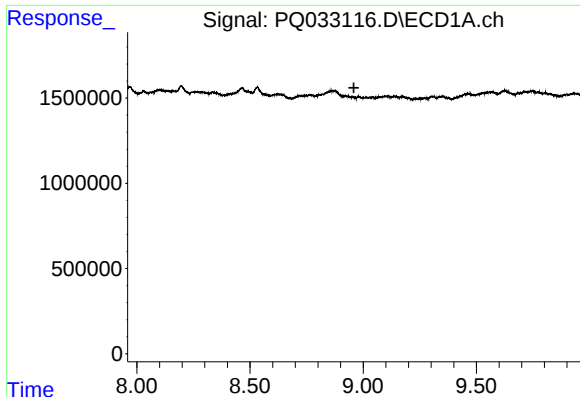
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.866 min
Response: 0
Conc: N.D.



#38 AR-1262-3

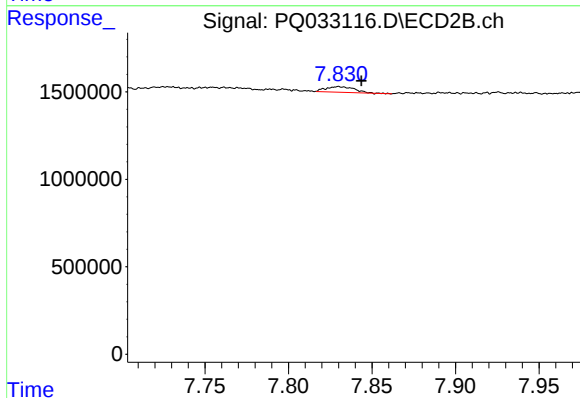
R.T.: 7.830 min
Delta R.T.: 0.052 min
Response: 385920
Conc: 4.14 ng/ml



#39 AR-1262-4

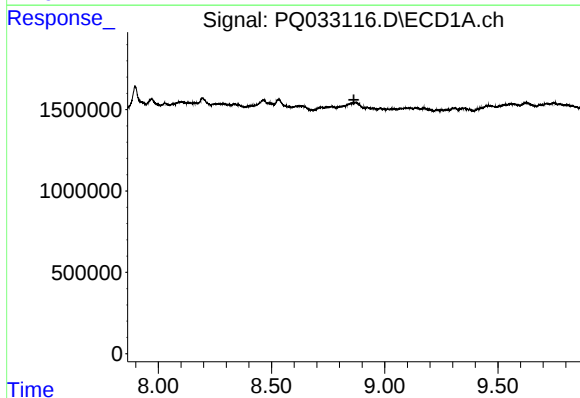
R.T.: 0.000 min
Exp R.T.: 8.959 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



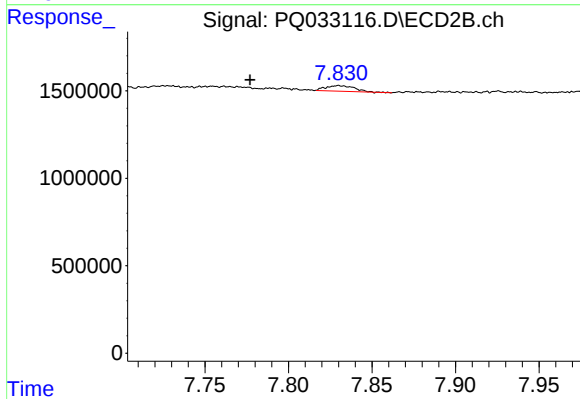
#39 AR-1262-4

R.T.: 7.830 min
Delta R.T.: -0.014 min
Response: 385920
Conc: 2.22 ng/ml



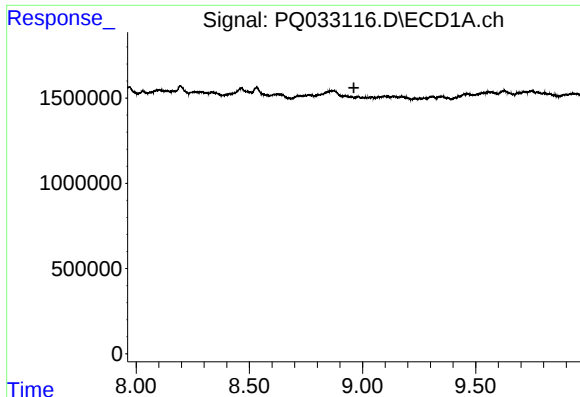
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.864 min
Response: 0
Conc: N.D.



#41 AR-1268-1

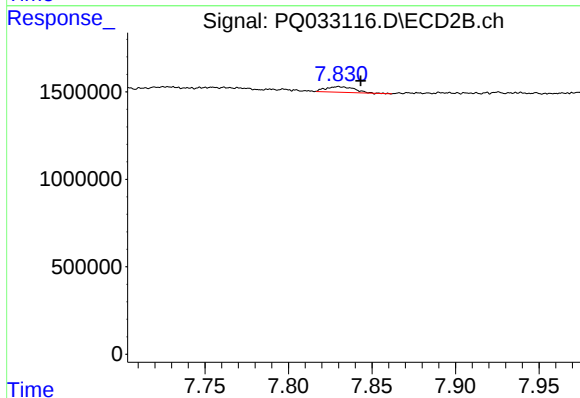
R.T.: 7.830 min
Delta R.T.: 0.053 min
Response: 385920
Conc: 1.13 ng/ml



#42 AR-1268-2

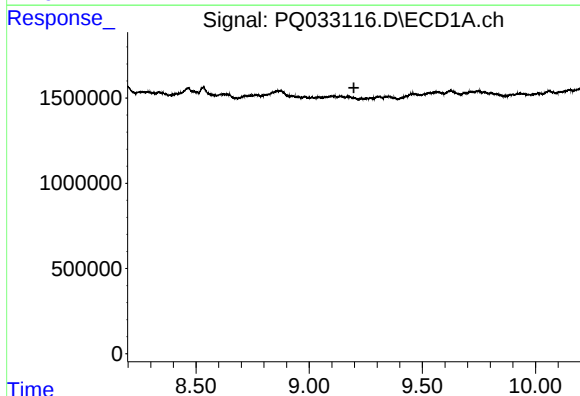
R.T.: 0.000 min
Exp R.T.: 8.962 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



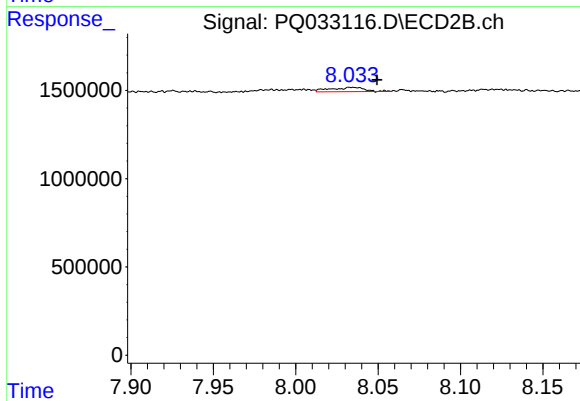
#42 AR-1268-2

R.T.: 7.830 min
Delta R.T.: -0.013 min
Response: 385920
Conc: 1.25 ng/ml



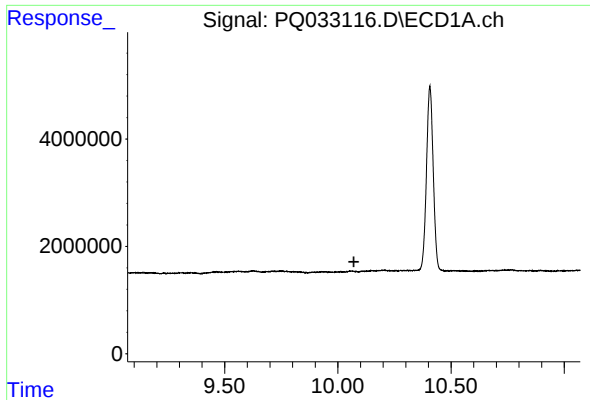
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.197 min
Response: 0
Conc: N.D.



#43 AR-1268-3

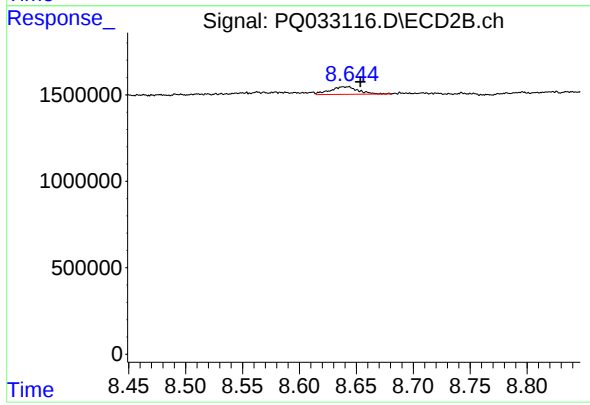
R.T.: 8.034 min
Delta R.T.: -0.016 min
Response: 348894
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.639 min
Delta R.T.: -0.015 min
Response: 746187
Conc: 0.89 ng/ml