

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 12:19
 Operator : SM\AJ
 Sample : K3020-08MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETML5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:27:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.603	4.738	79460460	47066178	24.256	21.914
2)	SA Decachlor...	11.922	10.466	240.1E6	117.8E6	33.612	28.341
Target Compounds							
3)	L1 AR-1016-1	7.053	6.184	72579245	47303750	433.847	368.760
4)	L1 AR-1016-2	7.078	6.205	121.8E6	73056646	463.442	378.507
5)	L1 AR-1016-3	7.150	6.419	60322855	33630172	353.430	311.825
6)	L1 AR-1016-4	7.262	6.473	50132548	34405467	362.691	404.062
7)	L1 AR-1016-5	7.596	6.725	58122483	40098029	418.978	348.254
8)	L2 AR-1221-1	0.000	5.040	0	3790360	N.D.	154.666 #
9)	L2 AR-1221-2	5.997	5.158	5968525	4914544	270.903	301.733
10)	L2 AR-1221-3	6.093	5.261	30275930	18761177	342.717	308.538
11)	L3 AR-1232-1	6.093	5.261	30275930	18761177	467.453	409.425
12)	L3 AR-1232-2	6.737	6.205	53081564	73056646	1338.834	1217.885
13)	L3 AR-1232-3	7.078	6.419	121.8E6	33630172	1507.690	956.277 #
14)	L3 AR-1232-4	7.262	6.522	50132548	41112225	1199.389	1391.359
15)	L3 AR-1232-5	7.366	6.725	65393502	40098029	2063.376	1331.967 #
16)	L4 AR-1242-1	7.053	6.184	72579245	47303750	748.580	639.689
17)	L4 AR-1242-2	7.078	6.205	121.8E6	73056646	843.076	686.239
18)	L4 AR-1242-3	7.150	6.419	60322855	33630172	648.002	557.488
19)	L4 AR-1242-4	7.262	6.522	50132548	41112225	666.562	689.798
20)	L4 AR-1242-5	8.084	7.133	44973747	62563801	518.767	776.338 #
21)	L5 AR-1248-1	7.053	6.184	72579245	47303750	937.687	820.913
22)	L5 AR-1248-2	7.366	6.473	65393502	34405467	580.594	391.329 #
23)	L5 AR-1248-3	7.596	6.522	58122483	41112225	421.095	454.362
24)	L5 AR-1248-4	8.043	6.725	101.6E6	40098029	672.920	363.110 #
25)	L5 AR-1248-5	8.084	7.181	44973747	21061647	298.713	185.507 #
26)	L6 AR-1254-1	8.013	7.133	62188701	62563801	356.598	326.643
27)	L6 AR-1254-2	8.251	7.302	93038312	35716365	336.421	205.585 #
28)	L6 AR-1254-3	8.645	7.753	71771629	106.6E6	241.831	369.007 #
29)	L6 AR-1254-4	8.946	8.000	31157052	19263179	149.917	107.888 #
30)	L6 AR-1254-5	9.384	8.443	148.8E6	101.7E6	516.759	394.875
31)	L7 AR-1260-1	8.815	7.888	93003885	78637521	279.787	286.854
32)	L7 AR-1260-2	9.085	8.094	120.9E6	91218923	299.319	263.702
33)	L7 AR-1260-3	9.459	8.257	78736846	75405979	238.677	235.126
34)	L7 AR-1260-4	9.699	8.754	93133490	53717046	252.714	197.693
35)	L7 AR-1260-5	10.038	9.008	185.0E6	140.9E6	240.192	209.615
36)	L8 AR-1262-1	9.518	8.538	42548261	31258754	306.073	275.294
37)	L8 AR-1262-2	10.038	9.008	185.0E6	140.9E6	319.590	283.990
38)	L8 AR-1262-3	10.365	9.299	37974560	27241024	89.813	129.564 #
39)	L8 AR-1262-4	10.442	9.367	84742383	96403460	224.366	254.614
40)	L8 AR-1262-5	11.150	9.888	55335228	31502779	235.509	194.303
41)	L9 AR-1268-1	10.365	9.299	37974560	27241024	63.041	59.695
42)	L9 AR-1268-2	10.442	9.367	84742383	96403460	137.721	220.509 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 12:19
 Operator : SM\AJ
 Sample : K3020-08MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

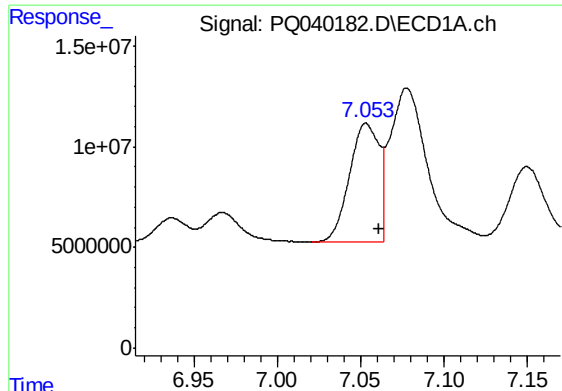
Instrument :
 ECD_Q
 ClientSampleId :
 ETML5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:27:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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
43) L9	AR-1268-3	10.695	9.575	14833636	7833759	27.309	20.867
44) L9	AR-1268-4	11.150	9.888	55335228	31502779	271.300	228.638
45) L9	AR-1268-5	11.579	10.198	45562010	23018171	24.657	19.504

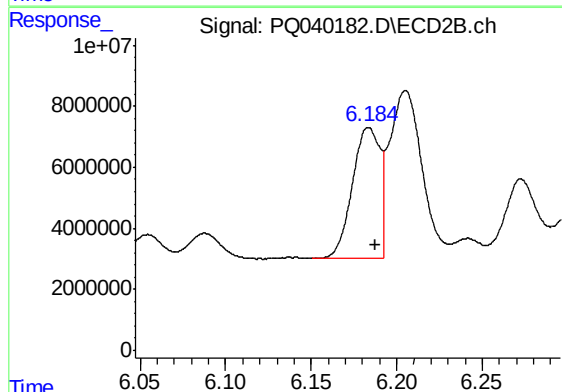
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

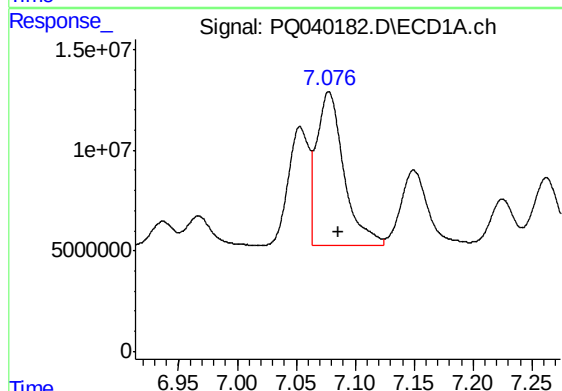
R.T.: 7.053 min
Delta R.T.: -0.008 min
Response: 72579245
Conc: 433.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



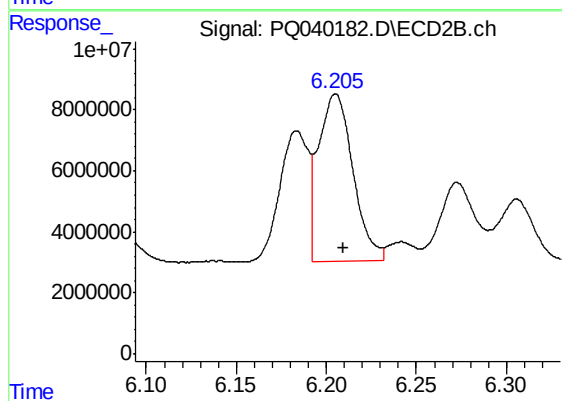
#3 AR-1016-1

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 47303750
Conc: 368.76 ng/ml



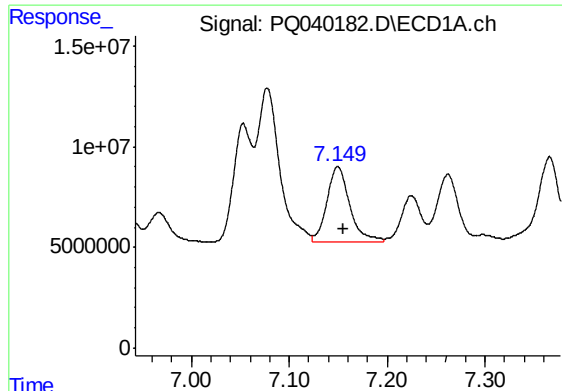
#4 AR-1016-2

R.T.: 7.078 min
Delta R.T.: -0.008 min
Response: 121839774
Conc: 463.44 ng/ml



#4 AR-1016-2

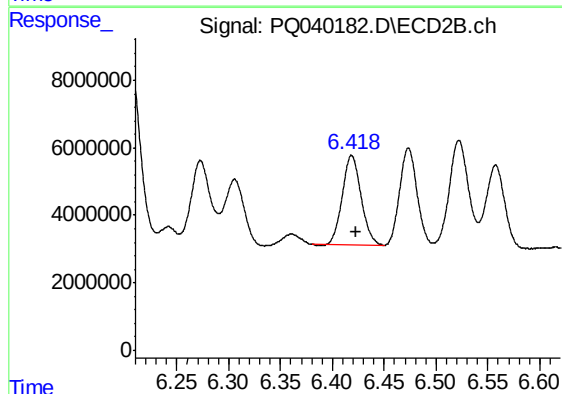
R.T.: 6.205 min
Delta R.T.: -0.004 min
Response: 73056646
Conc: 378.51 ng/ml



#5 AR-1016-3

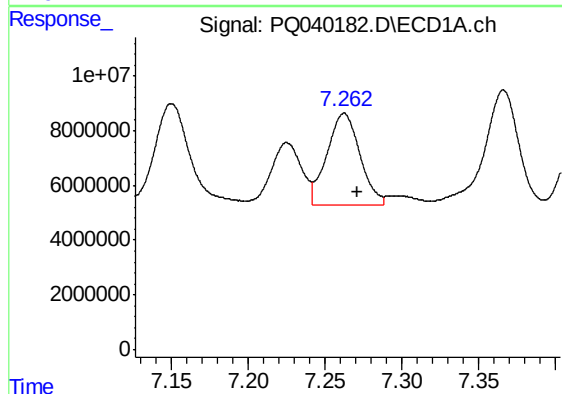
R.T.: 7.150 min
Delta R.T.: -0.006 min
Response: 60322855
Conc: 353.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



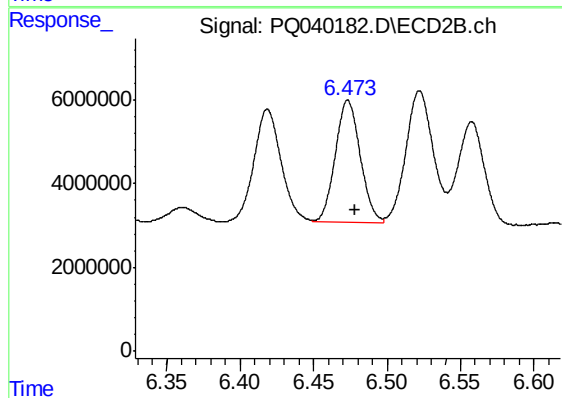
#5 AR-1016-3

R.T.: 6.419 min
Delta R.T.: -0.005 min
Response: 33630172
Conc: 311.83 ng/ml



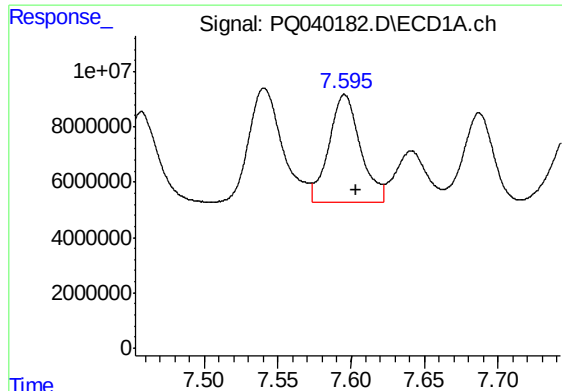
#6 AR-1016-4

R.T.: 7.262 min
Delta R.T.: -0.008 min
Response: 50132548
Conc: 362.69 ng/ml



#6 AR-1016-4

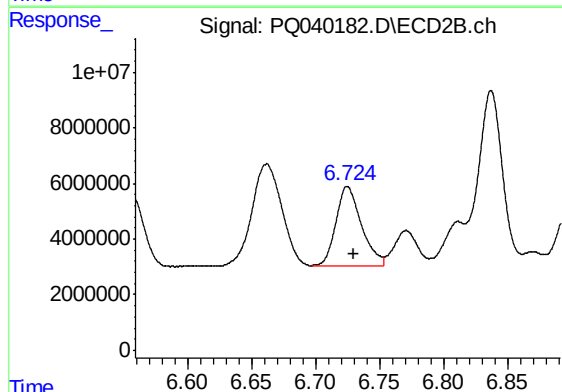
R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 34405467
Conc: 404.06 ng/ml



#7 AR-1016-5

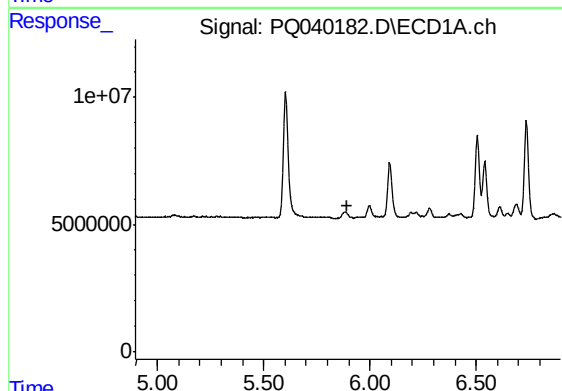
R.T.: 7.596 min
Delta R.T.: -0.008 min
Response: 58122483
Conc: 418.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



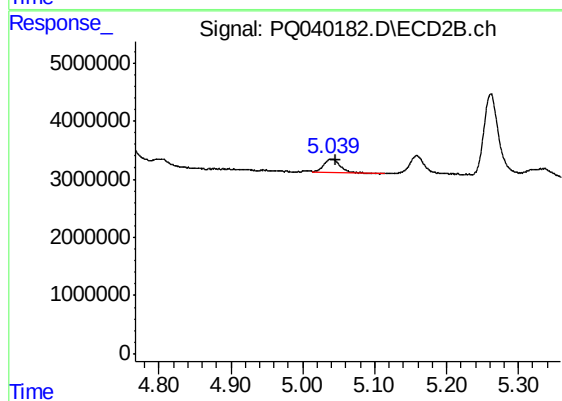
#7 AR-1016-5

R.T.: 6.725 min
Delta R.T.: -0.005 min
Response: 40098029
Conc: 348.25 ng/ml



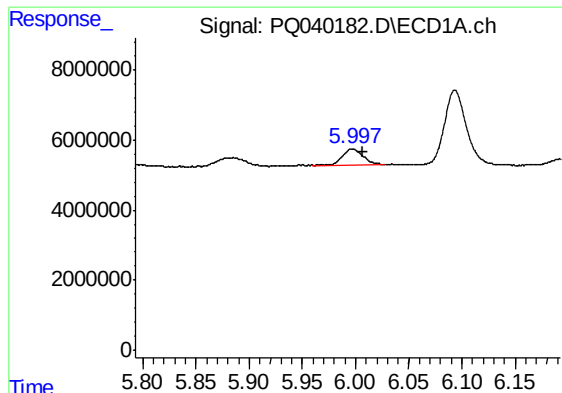
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

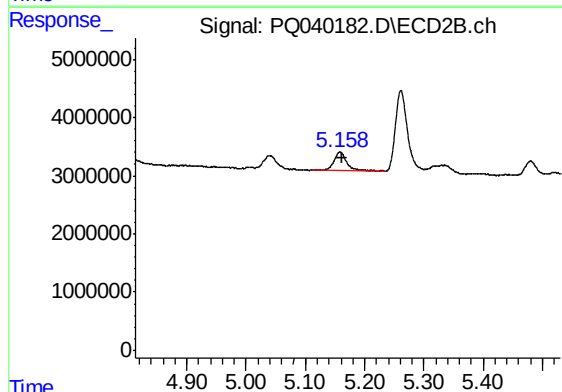
R.T.: 5.040 min
Delta R.T.: -0.007 min
Response: 3790360
Conc: 154.67 ng/ml



#9 AR-1221-2

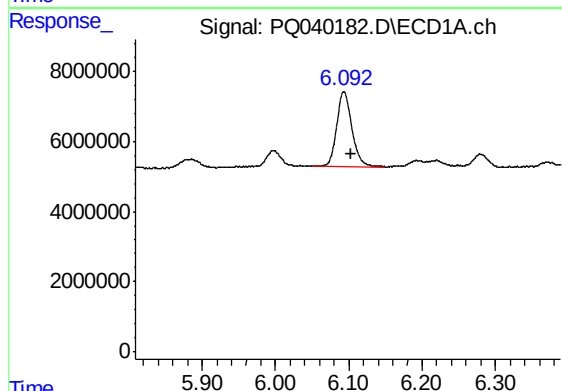
R.T.: 5.997 min
Delta R.T.: -0.009 min
Response: 5968525
Conc: 270.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



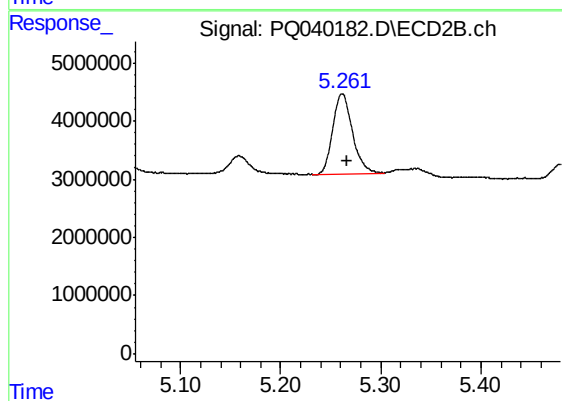
#9 AR-1221-2

R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 4914544
Conc: 301.73 ng/ml



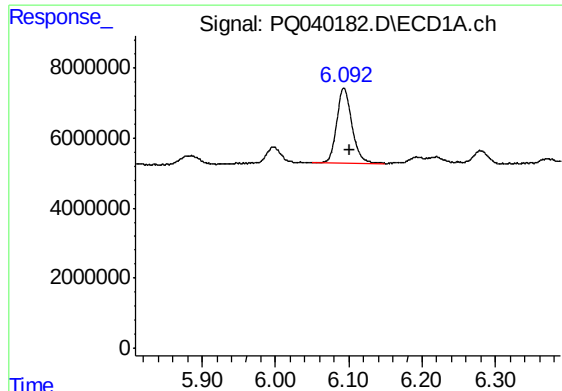
#10 AR-1221-3

R.T.: 6.093 min
Delta R.T.: -0.010 min
Response: 30275930
Conc: 342.72 ng/ml



#10 AR-1221-3

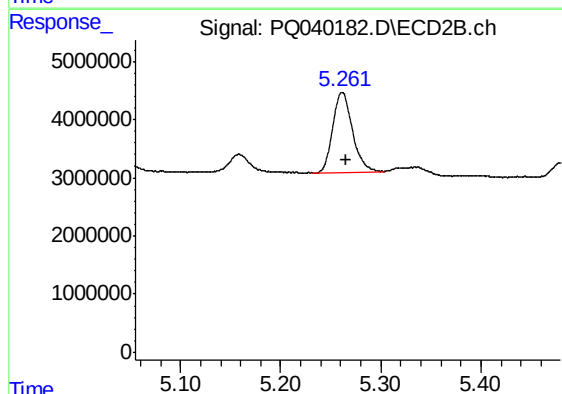
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 18761177
Conc: 308.54 ng/ml



#11 AR-1232-1

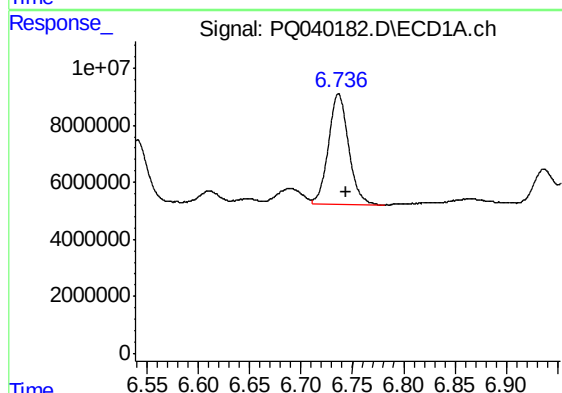
R.T.: 6.093 min
Delta R.T.: -0.008 min
Response: 30275930
Conc: 467.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



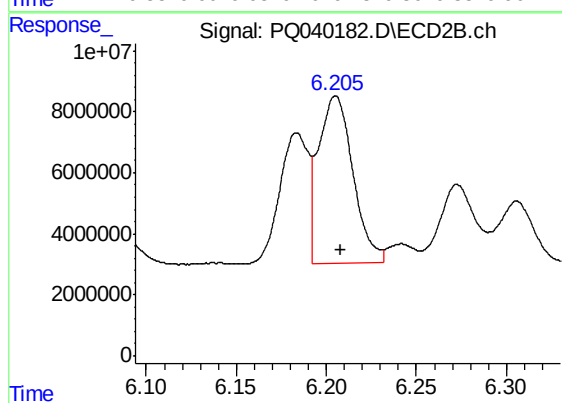
#11 AR-1232-1

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 18761177
Conc: 409.42 ng/ml



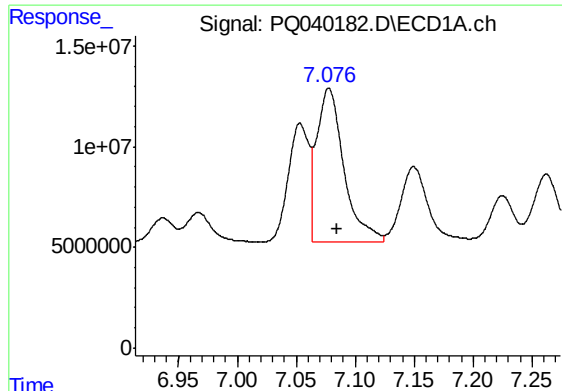
#12 AR-1232-2

R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 53081564
Conc: 1338.83 ng/ml



#12 AR-1232-2

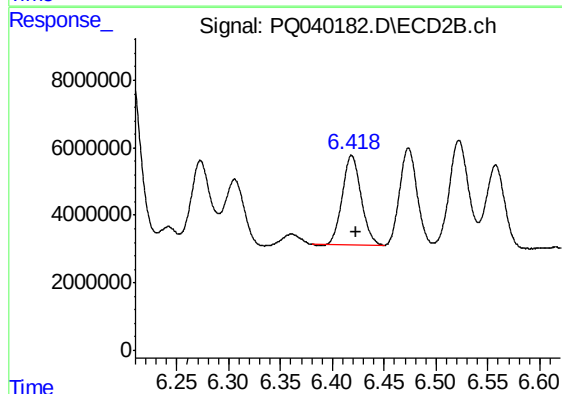
R.T.: 6.205 min
Delta R.T.: -0.003 min
Response: 73056646
Conc: 1217.88 ng/ml



#13 AR-1232-3

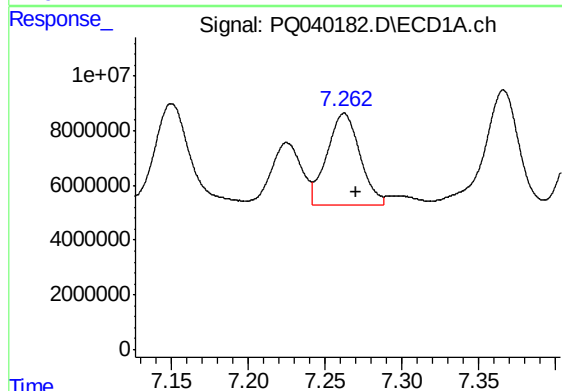
R.T.: 7.078 min
Delta R.T.: -0.007 min
Response: 121839774
Conc: 1507.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



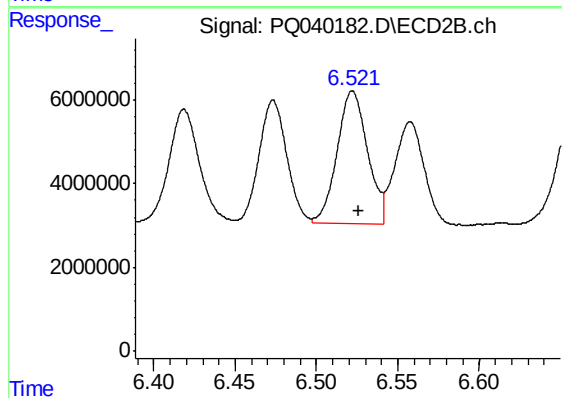
#13 AR-1232-3

R.T.: 6.419 min
Delta R.T.: -0.004 min
Response: 33630172
Conc: 956.28 ng/ml



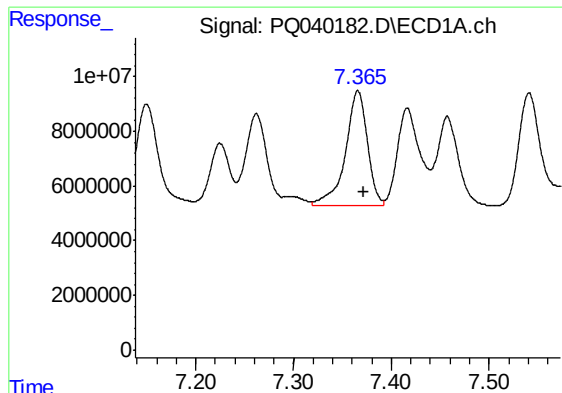
#14 AR-1232-4

R.T.: 7.262 min
Delta R.T.: -0.007 min
Response: 50132548
Conc: 1199.39 ng/ml



#14 AR-1232-4

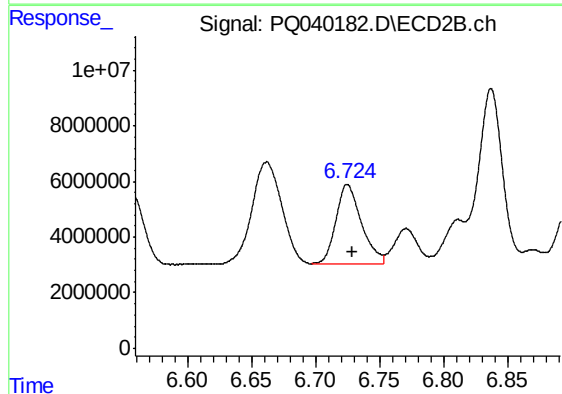
R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 41112225
Conc: 1391.36 ng/ml



#15 AR-1232-5

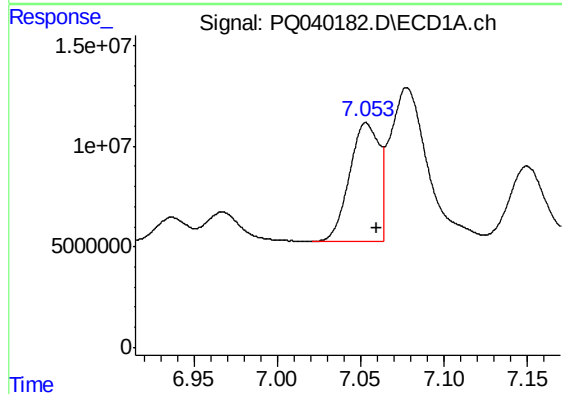
R.T.: 7.366 min
Delta R.T.: -0.006 min
Response: 65393502
Conc: 2063.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



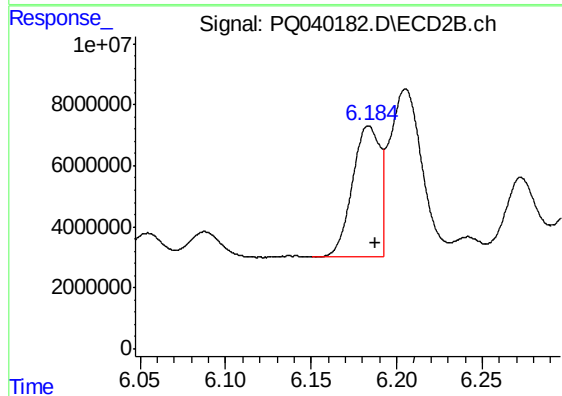
#15 AR-1232-5

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 40098029
Conc: 1331.97 ng/ml



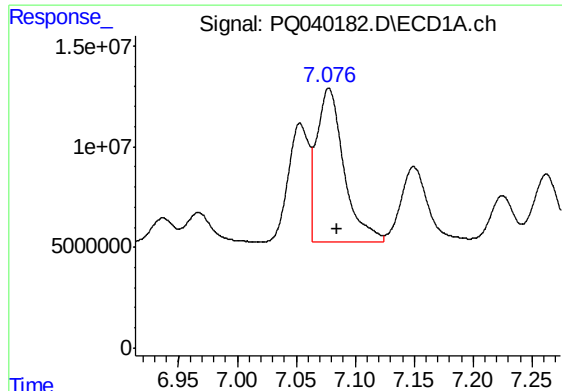
#16 AR-1242-1

R.T.: 7.053 min
Delta R.T.: -0.007 min
Response: 72579245
Conc: 748.58 ng/ml



#16 AR-1242-1

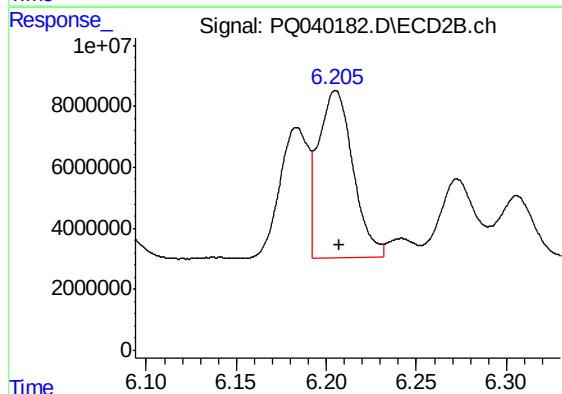
R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 47303750
Conc: 639.69 ng/ml



#17 AR-1242-2

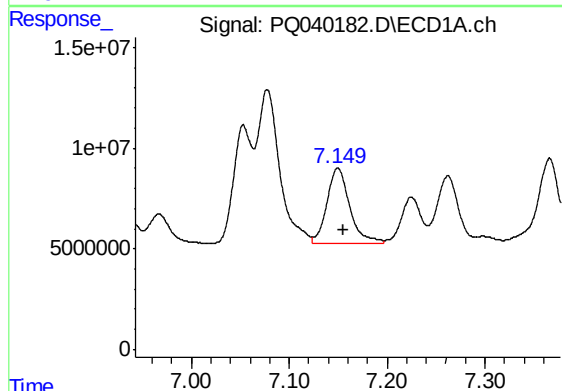
R.T.: 7.078 min
Delta R.T.: -0.007 min
Response: 121839774
Conc: 843.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



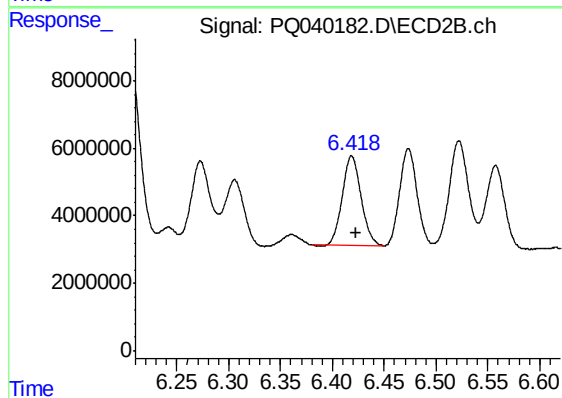
#17 AR-1242-2

R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 73056646
Conc: 686.24 ng/ml



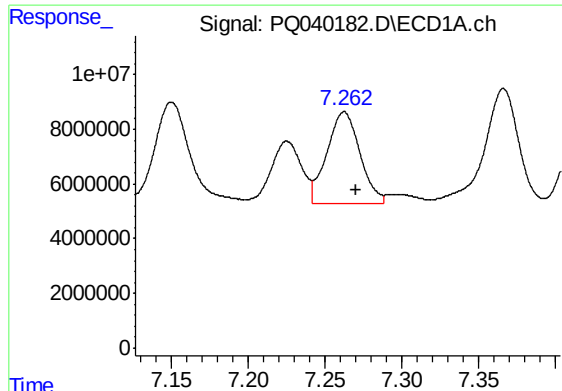
#18 AR-1242-3

R.T.: 7.150 min
Delta R.T.: -0.005 min
Response: 60322855
Conc: 648.00 ng/ml



#18 AR-1242-3

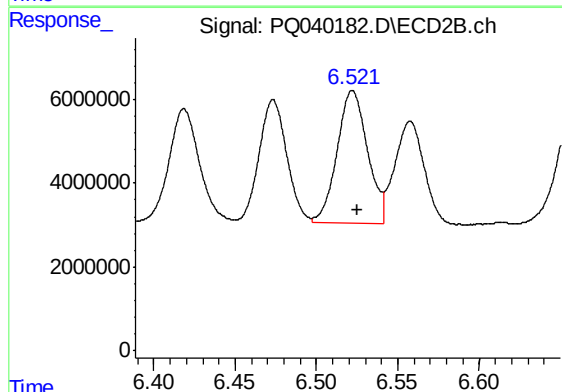
R.T.: 6.419 min
Delta R.T.: -0.005 min
Response: 33630172
Conc: 557.49 ng/ml



#19 AR-1242-4

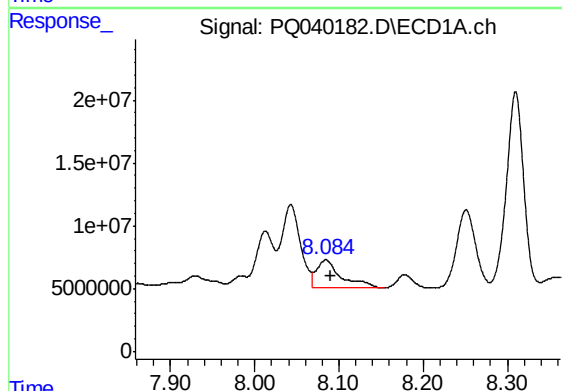
R.T.: 7.262 min
Delta R.T.: -0.008 min
Response: 50132548
Conc: 666.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



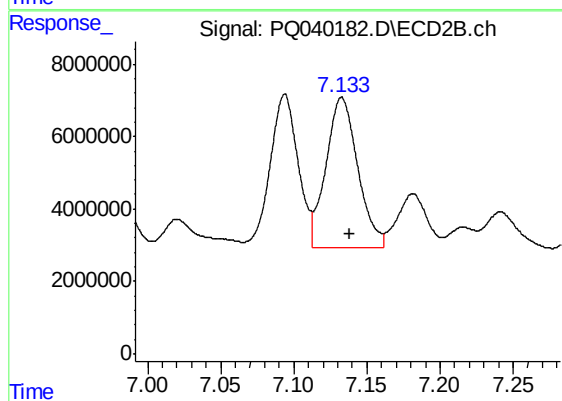
#19 AR-1242-4

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 41112225
Conc: 689.80 ng/ml



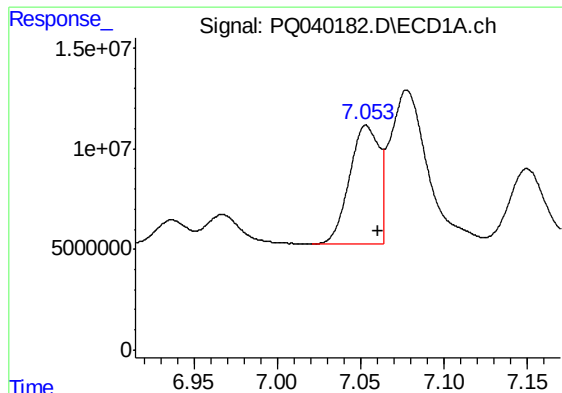
#20 AR-1242-5

R.T.: 8.084 min
Delta R.T.: -0.006 min
Response: 44973747
Conc: 518.77 ng/ml



#20 AR-1242-5

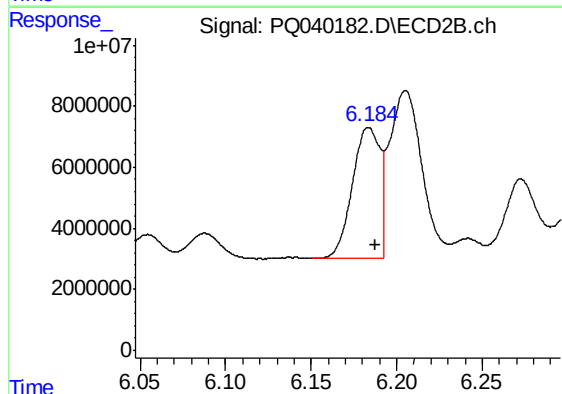
R.T.: 7.133 min
Delta R.T.: -0.006 min
Response: 62563801
Conc: 776.34 ng/ml



#21 AR-1248-1

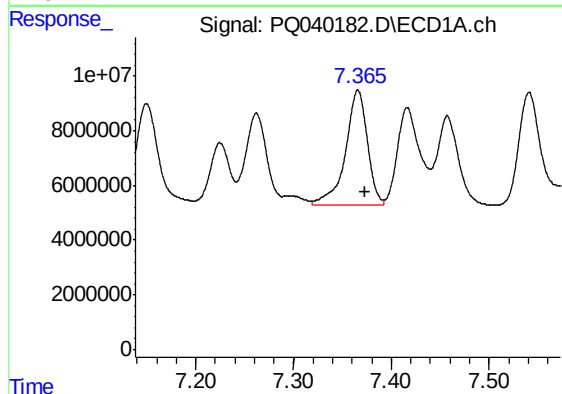
R.T.: 7.053 min
Delta R.T.: -0.008 min
Response: 72579245
Conc: 937.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



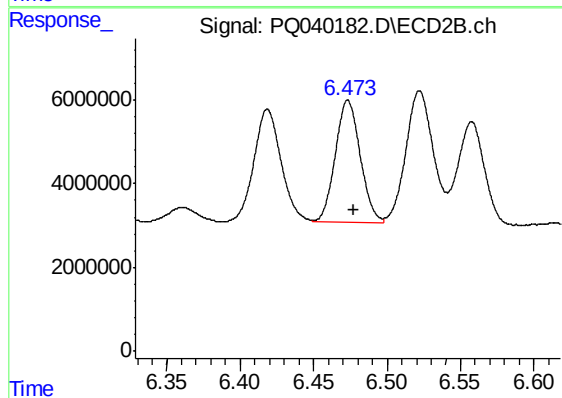
#21 AR-1248-1

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 47303750
Conc: 820.91 ng/ml



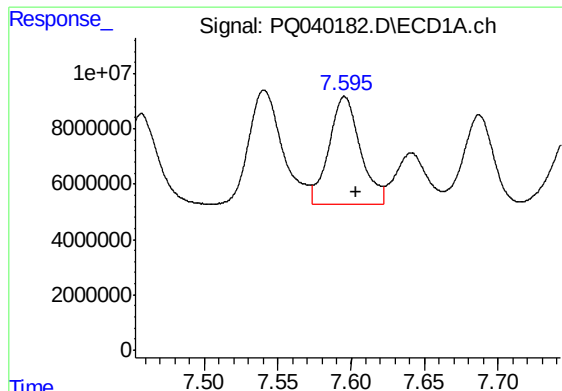
#22 AR-1248-2

R.T.: 7.366 min
Delta R.T.: -0.008 min
Response: 65393502
Conc: 580.59 ng/ml



#22 AR-1248-2

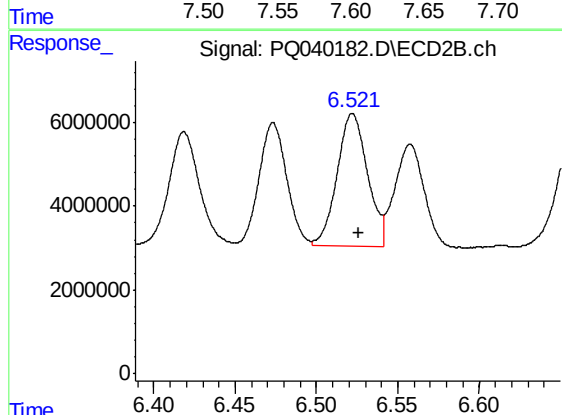
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 34405467
Conc: 391.33 ng/ml



#23 AR-1248-3

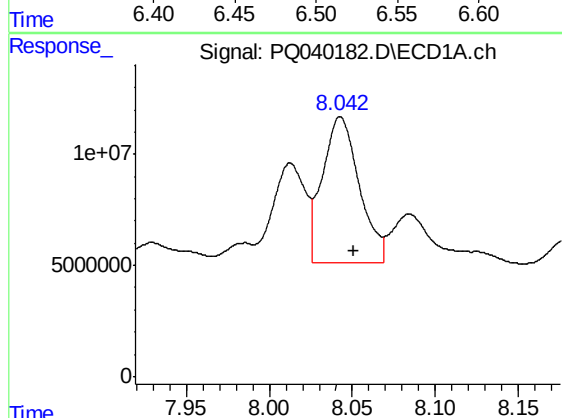
R.T.: 7.596 min
Delta R.T.: -0.008 min
Response: 58122483
Conc: 421.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



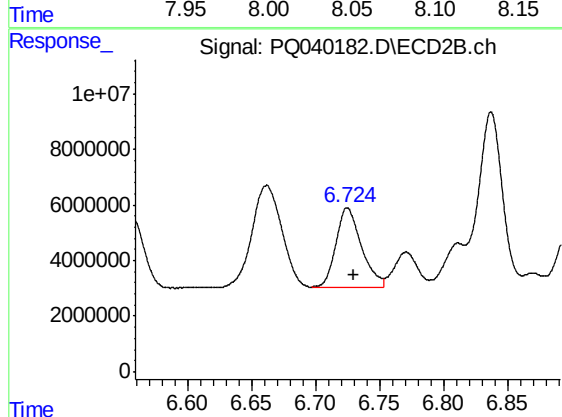
#23 AR-1248-3

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 41112225
Conc: 454.36 ng/ml



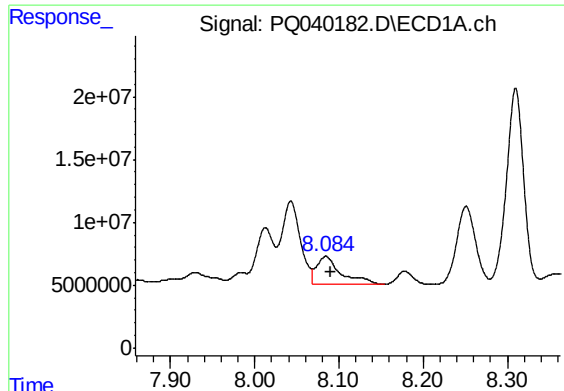
#24 AR-1248-4

R.T.: 8.043 min
Delta R.T.: -0.008 min
Response: 101590495
Conc: 672.92 ng/ml



#24 AR-1248-4

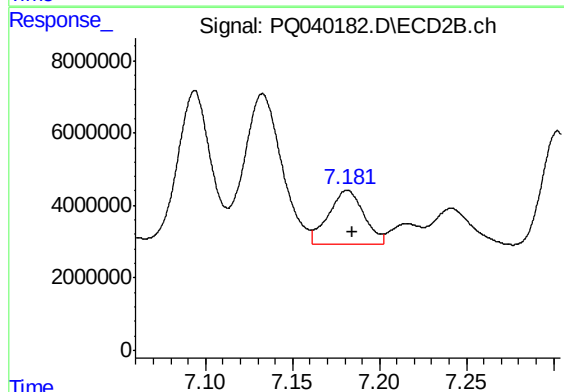
R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 40098029
Conc: 363.11 ng/ml



#25 AR-1248-5

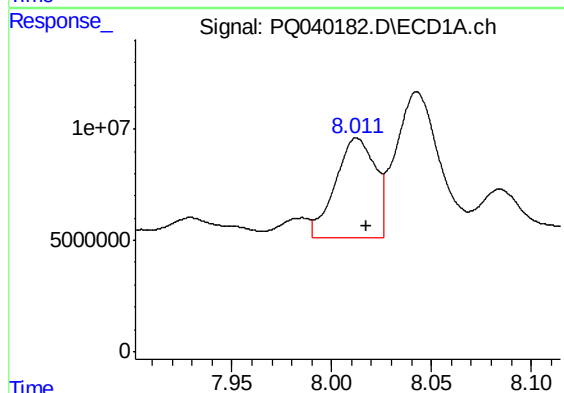
R.T.: 8.084 min
Delta R.T.: -0.007 min
Response: 44973747
Conc: 298.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



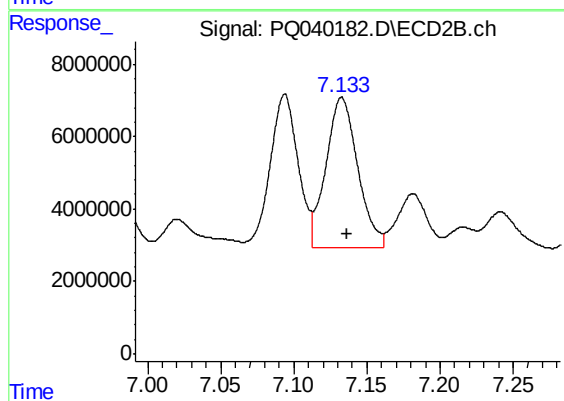
#25 AR-1248-5

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 21061647
Conc: 185.51 ng/ml



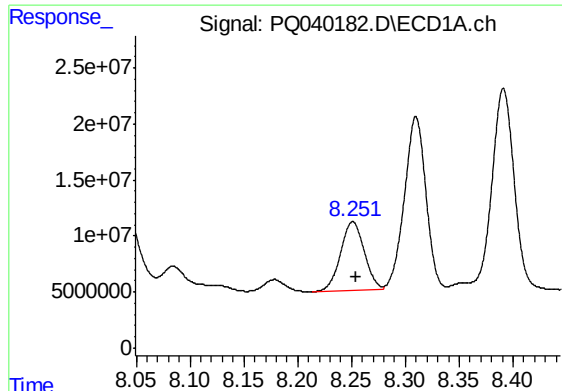
#26 AR-1254-1

R.T.: 8.013 min
Delta R.T.: -0.005 min
Response: 62188701
Conc: 356.60 ng/ml



#26 AR-1254-1

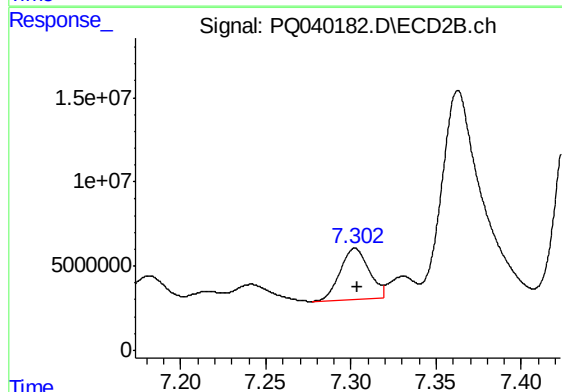
R.T.: 7.133 min
Delta R.T.: -0.003 min
Response: 62563801
Conc: 326.64 ng/ml



#27 AR-1254-2

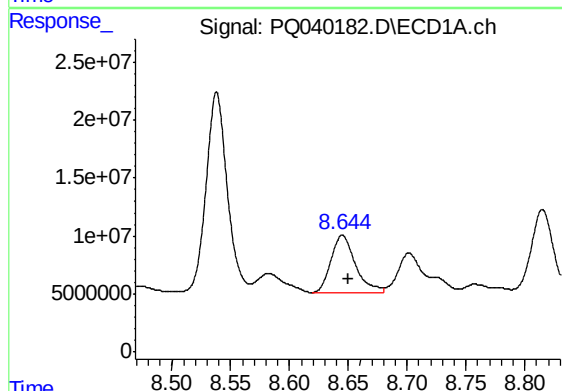
R.T.: 8.251 min
Delta R.T.: -0.003 min
Response: 93038312
Conc: 336.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



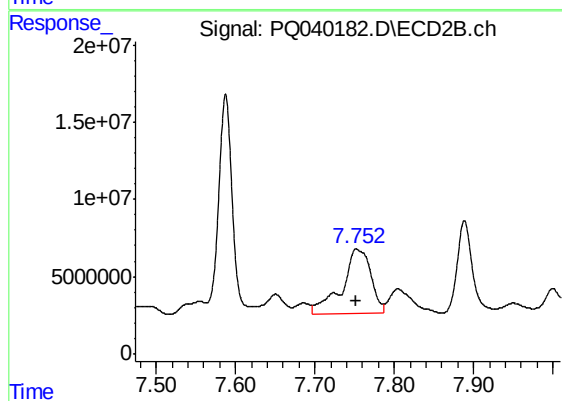
#27 AR-1254-2

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 35716365
Conc: 205.59 ng/ml



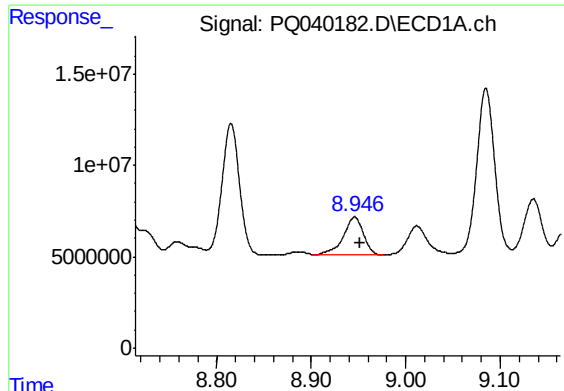
#28 AR-1254-3

R.T.: 8.645 min
Delta R.T.: -0.005 min
Response: 71771629
Conc: 241.83 ng/ml



#28 AR-1254-3

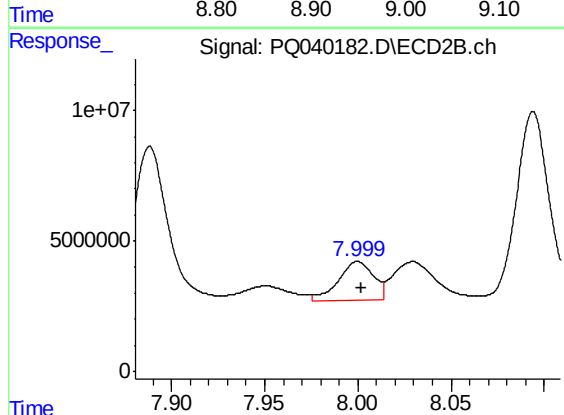
R.T.: 7.753 min
Delta R.T.: 0.001 min
Response: 106636644
Conc: 369.01 ng/ml



#29 AR-1254-4

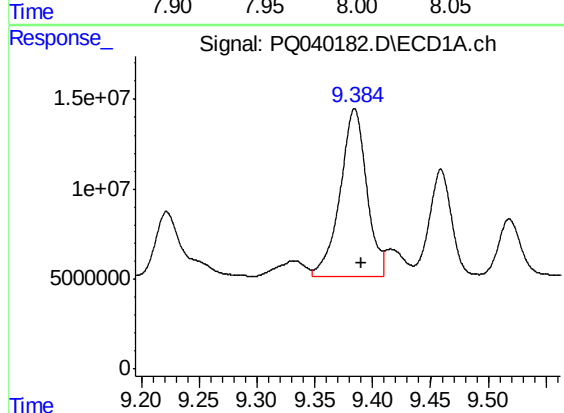
R.T.: 8.946 min
Delta R.T.: -0.006 min
Response: 31157052
Conc: 149.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



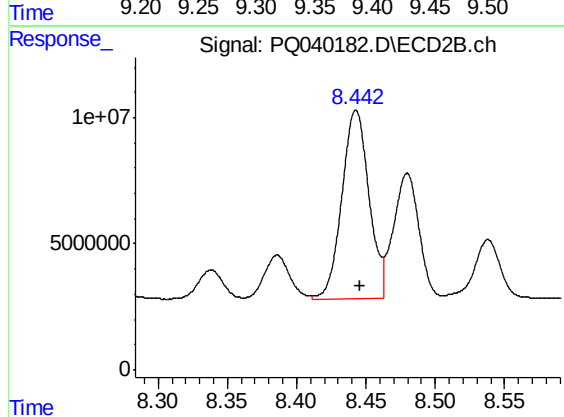
#29 AR-1254-4

R.T.: 8.000 min
Delta R.T.: -0.002 min
Response: 19263179
Conc: 107.89 ng/ml



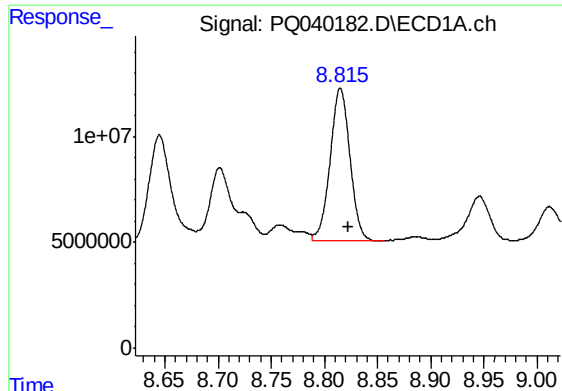
#30 AR-1254-5

R.T.: 9.384 min
Delta R.T.: -0.006 min
Response: 148823216
Conc: 516.76 ng/ml



#30 AR-1254-5

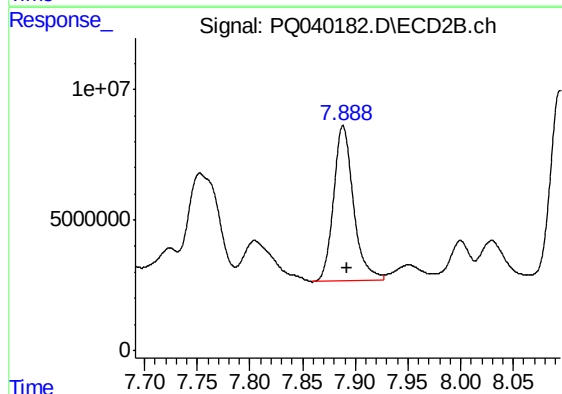
R.T.: 8.443 min
Delta R.T.: -0.003 min
Response: 101731666
Conc: 394.87 ng/ml



#31 AR-1260-1

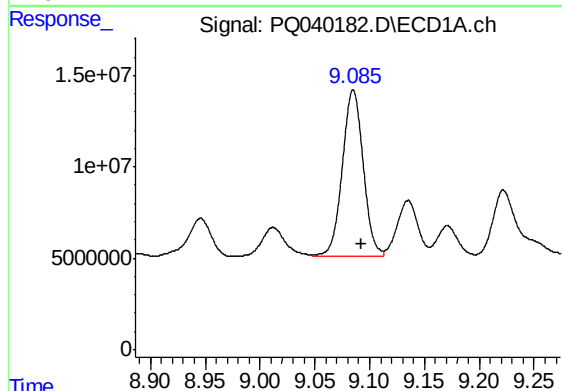
R.T.: 8.815 min
Delta R.T.: -0.007 min
Response: 93003885
Conc: 279.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



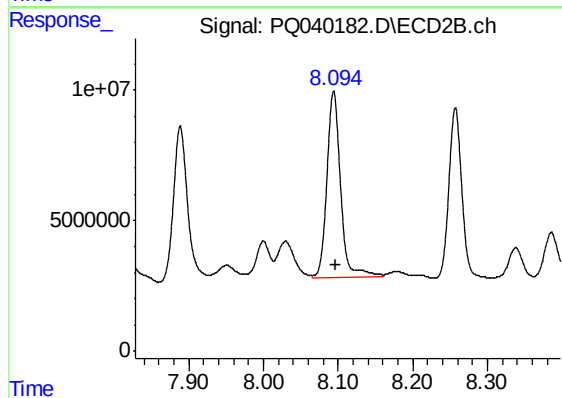
#31 AR-1260-1

R.T.: 7.888 min
Delta R.T.: -0.004 min
Response: 78637521
Conc: 286.85 ng/ml



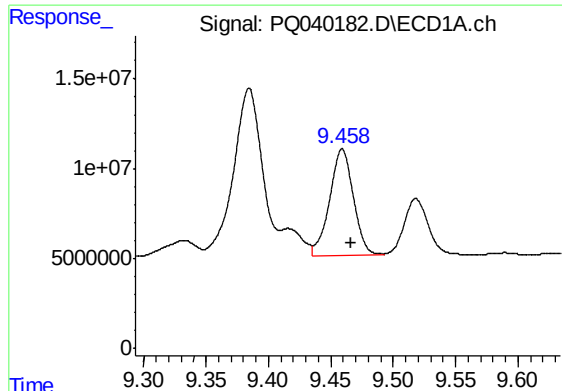
#32 AR-1260-2

R.T.: 9.085 min
Delta R.T.: -0.008 min
Response: 120915255
Conc: 299.32 ng/ml



#32 AR-1260-2

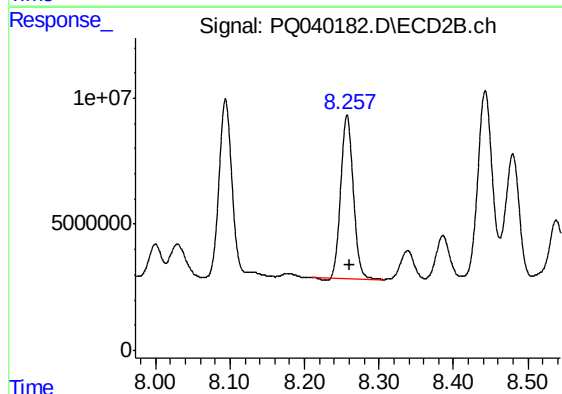
R.T.: 8.094 min
Delta R.T.: -0.003 min
Response: 91218923
Conc: 263.70 ng/ml



#33 AR-1260-3

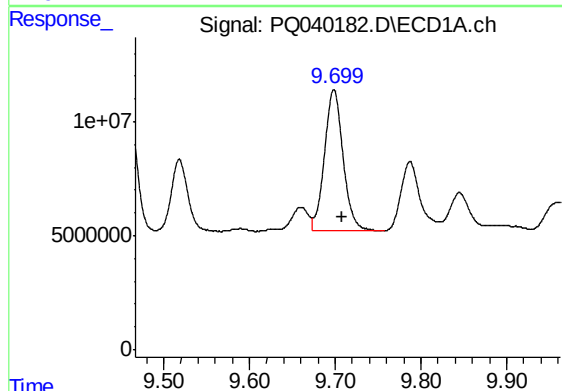
R.T.: 9.459 min
Delta R.T.: -0.007 min
Response: 78736846
Conc: 238.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



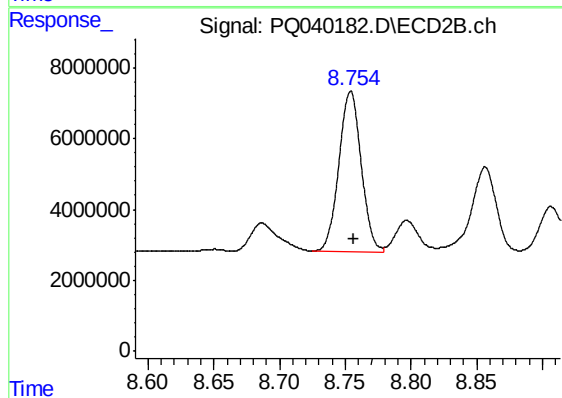
#33 AR-1260-3

R.T.: 8.257 min
Delta R.T.: -0.003 min
Response: 75405979
Conc: 235.13 ng/ml



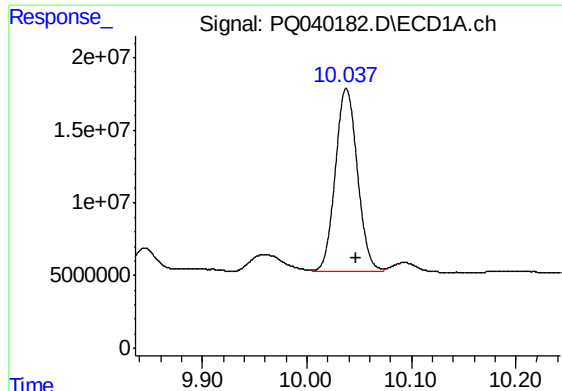
#34 AR-1260-4

R.T.: 9.699 min
Delta R.T.: -0.009 min
Response: 93133490
Conc: 252.71 ng/ml



#34 AR-1260-4

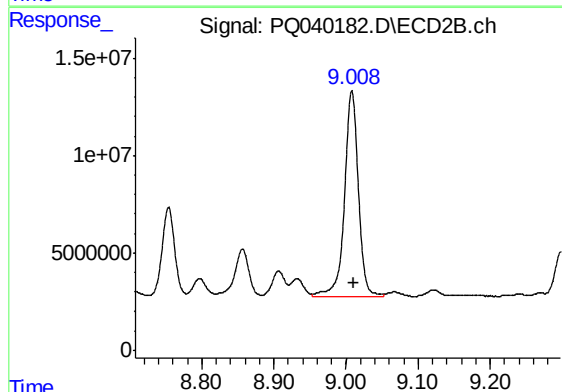
R.T.: 8.754 min
Delta R.T.: -0.003 min
Response: 53717046
Conc: 197.69 ng/ml



#35 AR-1260-5

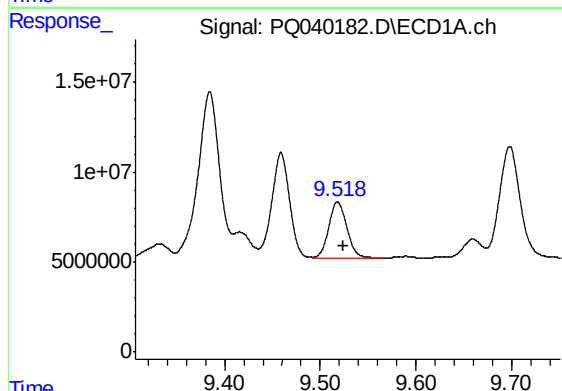
R.T.: 10.038 min
Delta R.T.: -0.009 min
Response: 184963052
Conc: 240.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



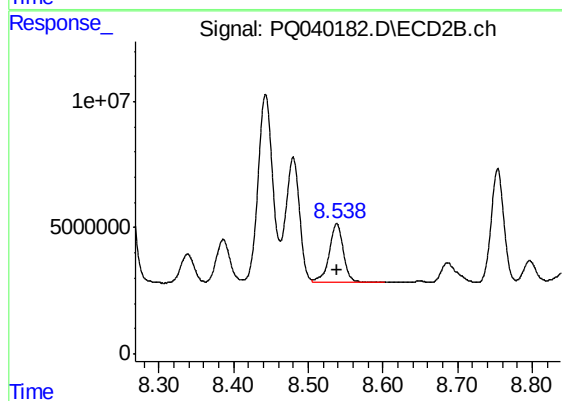
#35 AR-1260-5

R.T.: 9.008 min
Delta R.T.: -0.002 min
Response: 140898902
Conc: 209.61 ng/ml



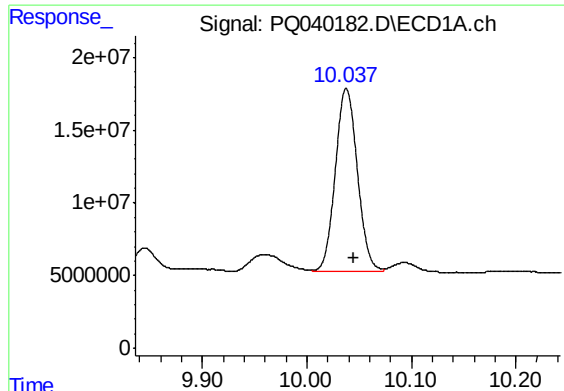
#36 AR-1262-1

R.T.: 9.518 min
Delta R.T.: -0.006 min
Response: 42548261
Conc: 306.07 ng/ml



#36 AR-1262-1

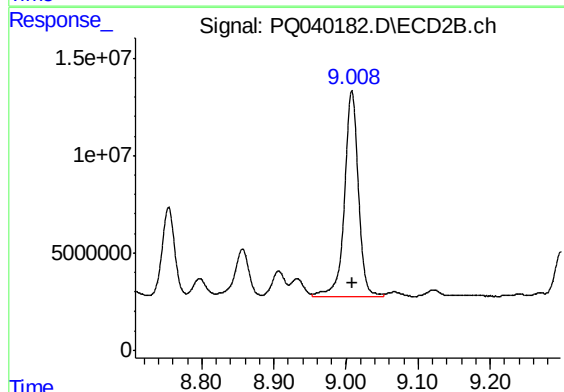
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 31258754
Conc: 275.29 ng/ml



#37 AR-1262-2

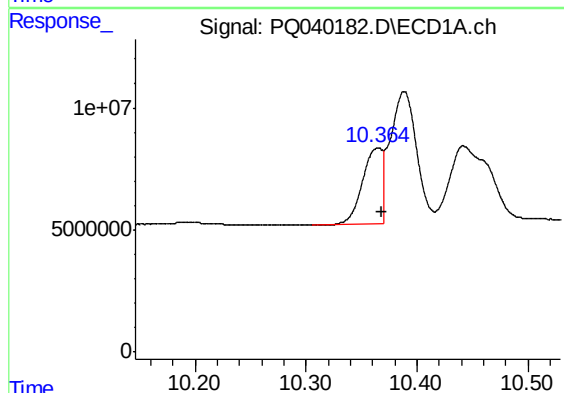
R.T.: 10.038 min
Delta R.T.: -0.007 min
Response: 184963052
Conc: 319.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



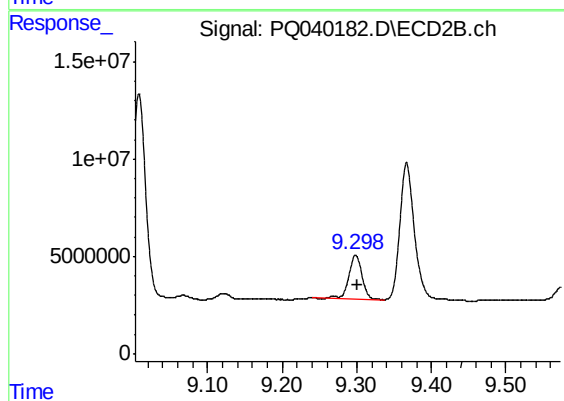
#37 AR-1262-2

R.T.: 9.008 min
Delta R.T.: -0.002 min
Response: 140898902
Conc: 283.99 ng/ml



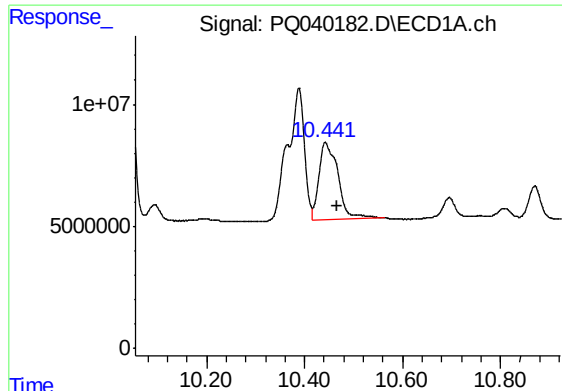
#38 AR-1262-3

R.T.: 10.365 min
Delta R.T.: -0.004 min
Response: 37974560
Conc: 89.81 ng/ml



#38 AR-1262-3

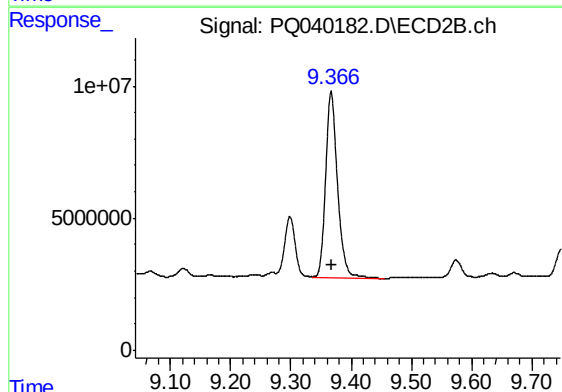
R.T.: 9.299 min
Delta R.T.: -0.002 min
Response: 27241024
Conc: 129.56 ng/ml



#39 AR-1262-4

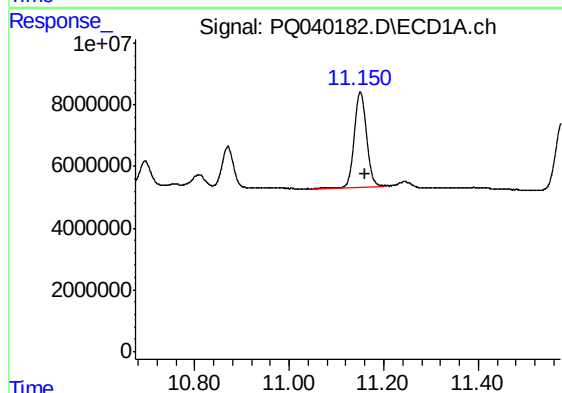
R.T.: 10.442 min
Delta R.T.: -0.025 min
Response: 84742383
Conc: 224.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



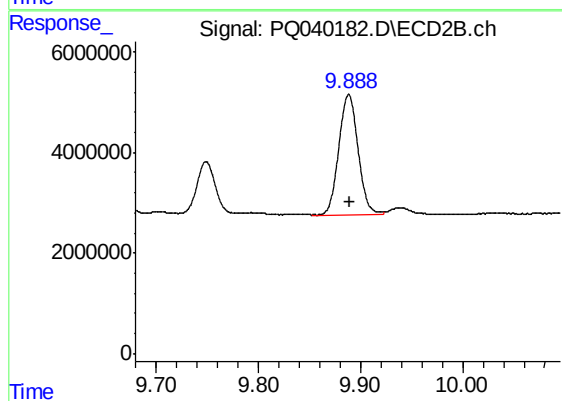
#39 AR-1262-4

R.T.: 9.367 min
Delta R.T.: -0.001 min
Response: 96403460
Conc: 254.61 ng/ml



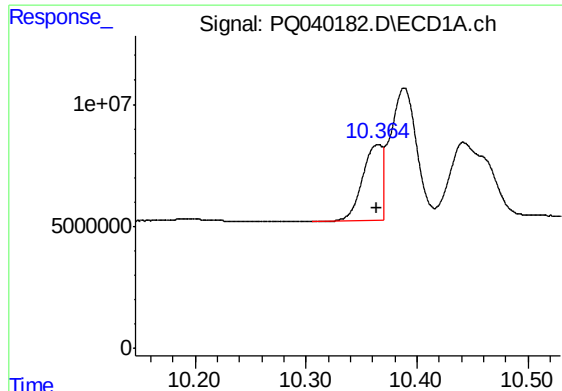
#40 AR-1262-5

R.T.: 11.150 min
Delta R.T.: -0.009 min
Response: 55335228
Conc: 235.51 ng/ml



#40 AR-1262-5

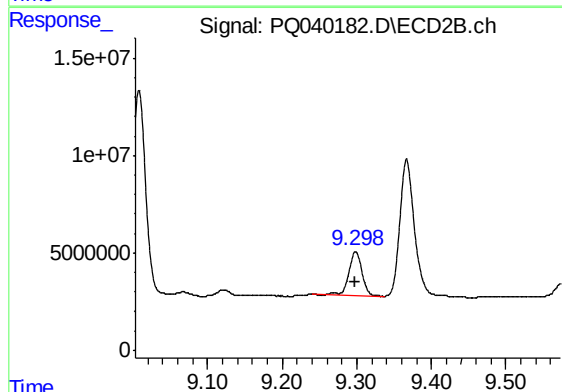
R.T.: 9.888 min
Delta R.T.: -0.001 min
Response: 31502779
Conc: 194.30 ng/ml



#41 AR-1268-1

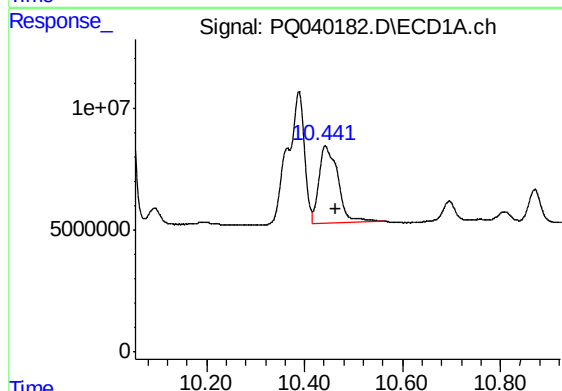
R.T.: 10.365 min
Delta R.T.: 0.000 min
Response: 37974560
Conc: 63.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



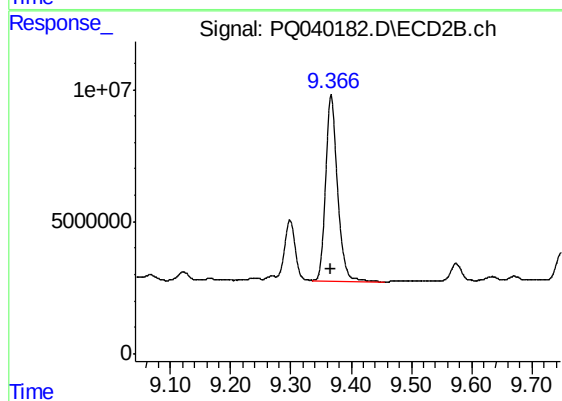
#41 AR-1268-1

R.T.: 9.299 min
Delta R.T.: 0.002 min
Response: 27241024
Conc: 59.69 ng/ml



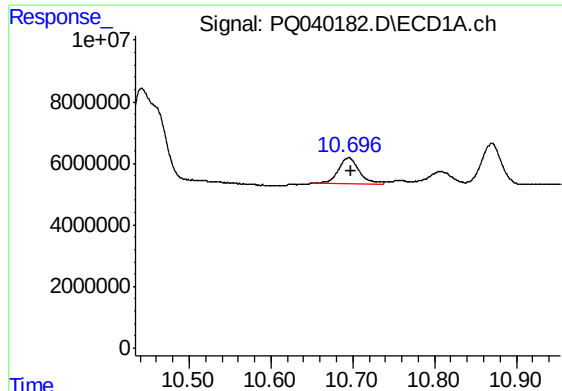
#42 AR-1268-2

R.T.: 10.442 min
Delta R.T.: -0.022 min
Response: 84742383
Conc: 137.72 ng/ml



#42 AR-1268-2

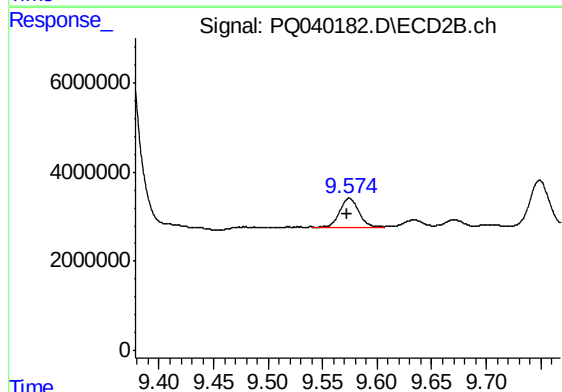
R.T.: 9.367 min
Delta R.T.: 0.001 min
Response: 96403460
Conc: 220.51 ng/ml



#43 AR-1268-3

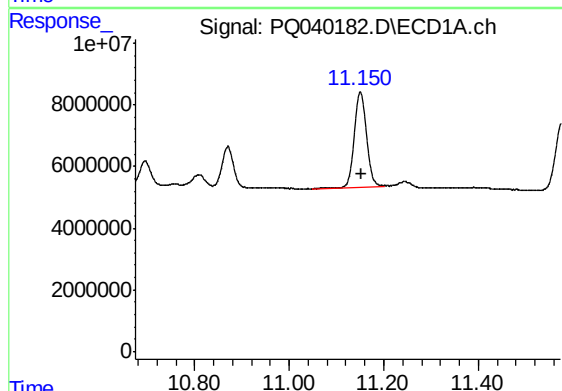
R.T.: 10.695 min
Delta R.T.: -0.003 min
Response: 14833636
Conc: 27.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



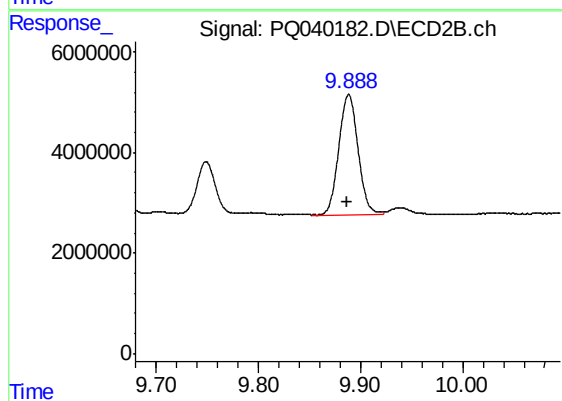
#43 AR-1268-3

R.T.: 9.575 min
Delta R.T.: 0.001 min
Response: 7833759
Conc: 20.87 ng/ml



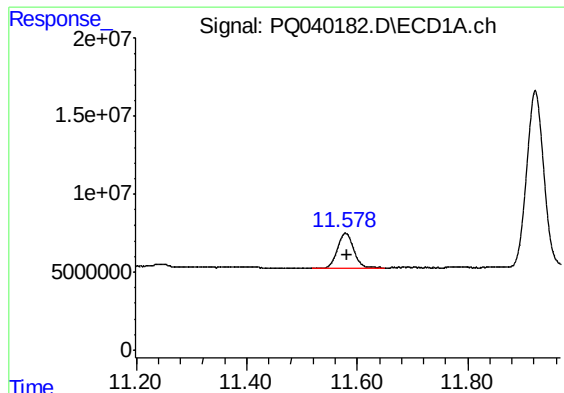
#44 AR-1268-4

R.T.: 11.150 min
Delta R.T.: -0.003 min
Response: 55335228
Conc: 271.30 ng/ml



#44 AR-1268-4

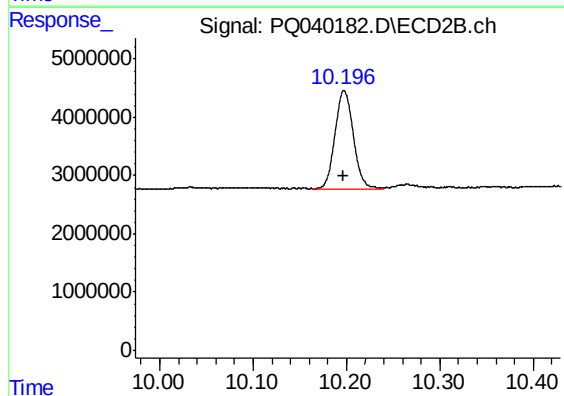
R.T.: 9.888 min
Delta R.T.: 0.002 min
Response: 31502779
Conc: 228.64 ng/ml



#45 AR-1268-5

R.T.: 11.579 min
Delta R.T.: -0.003 min
Response: 45562010
Conc: 24.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETML5MS



#45 AR-1268-5

R.T.: 10.198 min
Delta R.T.: 0.001 min
Response: 23018171
Conc: 19.50 ng/ml