

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 13:22
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 00:06:09 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...	5.606	4.738	65402534	38430315	19.965	17.893
2)	SA Decachlor...	11.925	10.466	261.5E6	130.3E6	36.608	31.346
Target Compounds							
3)	L1 AR-1016-1	7.055	6.184	69398478	47140754	414.833	367.490
4)	L1 AR-1016-2	7.079	6.205	108.0E6	77674911	410.689	402.434
5)	L1 AR-1016-3	7.151	6.420	66884515	38831628	391.875	360.054
6)	L1 AR-1016-4	7.265	6.473	55422648	31233138	400.963	366.806
7)	L1 AR-1016-5	7.598	6.726	57580078	45314514	415.068	393.560
8)	L2 AR-1221-1	0.000	5.041	0	4447369	N.D.	181.475 #
9)	L2 AR-1221-2	5.999	5.159	6796087	4544020	308.465	278.984
10)	L2 AR-1221-3	6.096	5.262	32269019	21063452	365.279	346.400
11)	L3 AR-1232-1	6.096	5.262	32269019	21063452	498.226	459.667
12)	L3 AR-1232-2	6.739	6.205	50819248	77674911	1281.773	1294.873
13)	L3 AR-1232-3	7.079	6.420	108.0E6	38831628	1336.071	1104.181
14)	L3 AR-1232-4	7.265	6.522	55422648	38436115	1325.951	1300.791
15)	L3 AR-1232-5	7.368	6.726	48445580	45314514	1528.614	1505.247
16)	L4 AR-1242-1	7.055	6.184	69398478	47140754	715.773	637.485
17)	L4 AR-1242-2	7.079	6.205	108.0E6	77674911	747.109	729.619
18)	L4 AR-1242-3	7.151	6.420	66884515	38831628	718.489	643.713
19)	L4 AR-1242-4	7.265	6.522	55422648	38436115	736.899	644.897
20)	L4 AR-1242-5	8.086	7.134	16917931	44272268	195.146	549.363 #
21)	L5 AR-1248-1	7.055	6.184	69398478	47140754	896.593	818.084
22)	L5 AR-1248-2	7.368	6.473	48445580	31233138	430.122	355.247
23)	L5 AR-1248-3	7.598	6.522	57580078	38436115	417.165	424.786
24)	L5 AR-1248-4	8.045	6.726	20405333	45314514	135.162	410.348 #
25)	L5 AR-1248-5	8.086	7.181	16917931	10975512	112.368	96.670
26)	L6 AR-1254-1	8.013	7.134	54553023	44272268	312.814	231.143 #
27)	L6 AR-1254-2	8.249	7.302	47584748	32105070	172.064	184.798
28)	L6 AR-1254-3	8.646	7.763	23491189	64182479	79.152	222.098 #
29)	L6 AR-1254-4	8.946	8.001	17306342	5483734	83.272	30.713 #
30)	L6 AR-1254-5	9.386	8.443	185.5E6	128.7E6	644.168	499.491
31)	L7 AR-1260-1	8.816	7.889	128.8E6	97346752	387.470	355.101
32)	L7 AR-1260-2	9.086	8.094	158.5E6	121.1E6	392.404	350.215
33)	L7 AR-1260-3	9.461	8.258	129.7E6	110.6E6	393.295	344.941
34)	L7 AR-1260-4	9.701	8.755	143.7E6	93716493	389.977	344.901
35)	L7 AR-1260-5	10.041	9.009	308.0E6	229.0E6	399.973	340.678
36)	L8 AR-1262-1	9.521	8.538	66372732	49851908	477.455	439.043
37)	L8 AR-1262-2	10.041	9.009	308.0E6	229.0E6	532.189	461.557
38)	L8 AR-1262-3	10.365	9.299	70231977	52059122	166.105	247.604 #
39)	L8 AR-1262-4	10.445	9.367	141.7E6	167.4E6	375.070	442.122
40)	L8 AR-1262-5	11.155	9.889	94200955	56268155	400.924	347.052
41)	L9 AR-1268-1	10.365	9.299	70231977	52059122	116.592	114.080

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 13:22
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

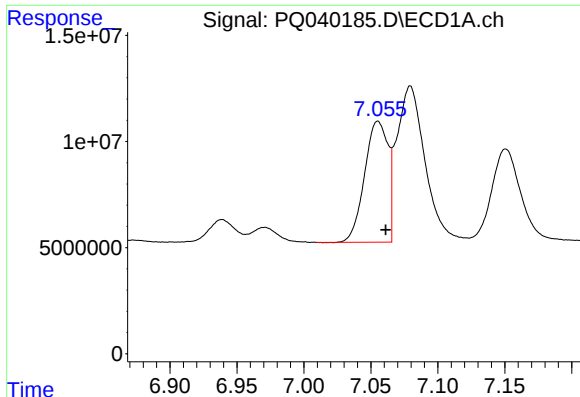
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660336

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 00:06:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
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 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
42) L9	AR-1268-2	10.445	9.367	141.7E6	167.4E6	230.227	382.900 #
43) L9	AR-1268-3	0.000	9.575	0	2706859	N.D.	7.210 #
44) L9	AR-1268-4	11.155	9.889	94200955	56268155	461.852	408.378
45) L9	AR-1268-5	11.582	10.199	28793612	14756155	15.582	12.503

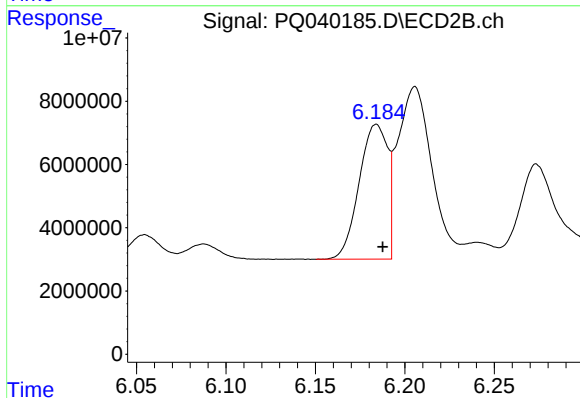
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

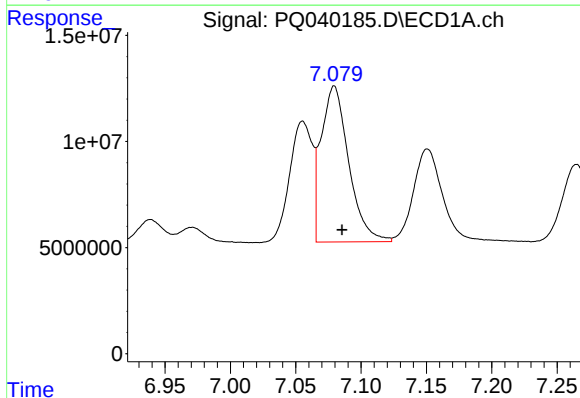
R.T.: 7.055 min
Delta R.T.: -0.006 min
Response: 69398478
Conc: 414.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



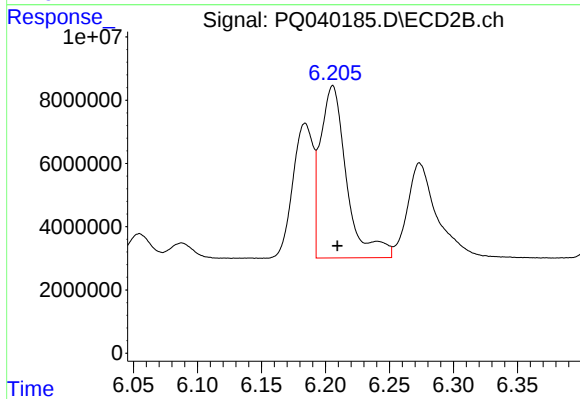
#3 AR-1016-1

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 47140754
Conc: 367.49 ng/ml



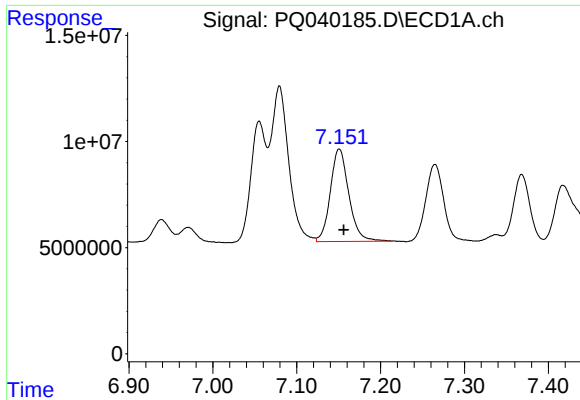
#4 AR-1016-2

R.T.: 7.079 min
Delta R.T.: -0.006 min
Response: 107970893
Conc: 410.69 ng/ml



#4 AR-1016-2

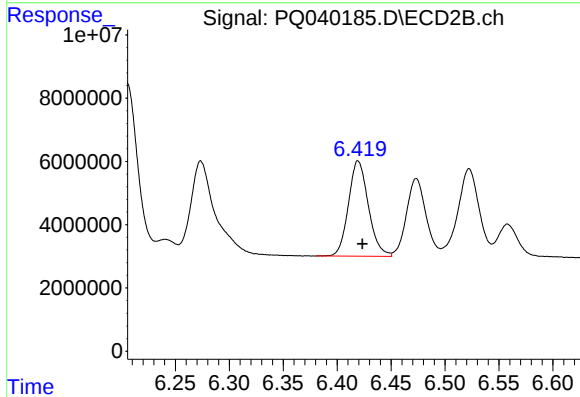
R.T.: 6.205 min
Delta R.T.: -0.004 min
Response: 77674911
Conc: 402.43 ng/ml



#5 AR-1016-3

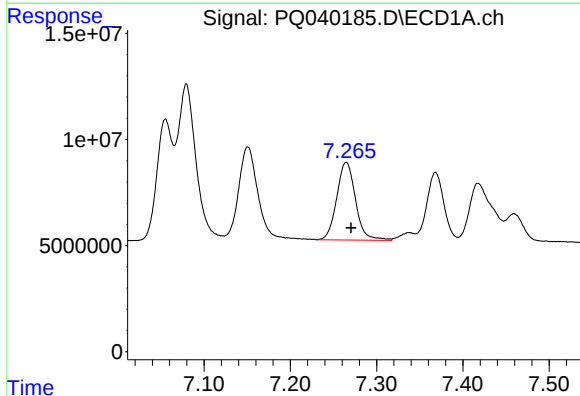
R.T.: 7.151 min
Delta R.T.: -0.005 min
Response: 66884515
Conc: 391.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



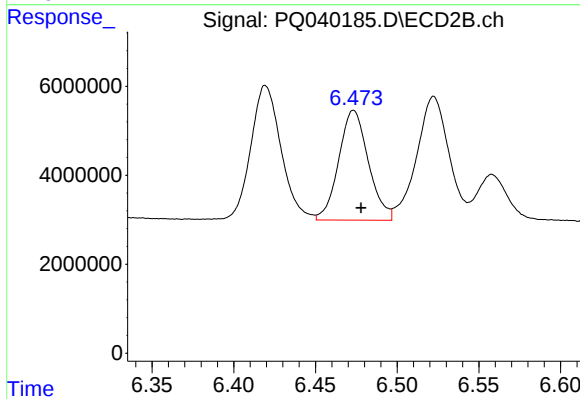
#5 AR-1016-3

R.T.: 6.420 min
Delta R.T.: -0.004 min
Response: 38831628
Conc: 360.05 ng/ml



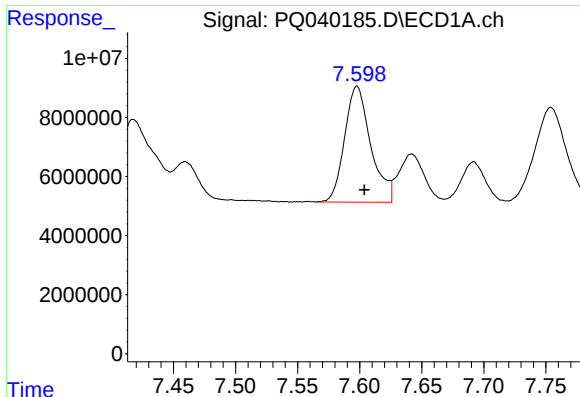
#6 AR-1016-4

R.T.: 7.265 min
Delta R.T.: -0.006 min
Response: 55422648
Conc: 400.96 ng/ml



#6 AR-1016-4

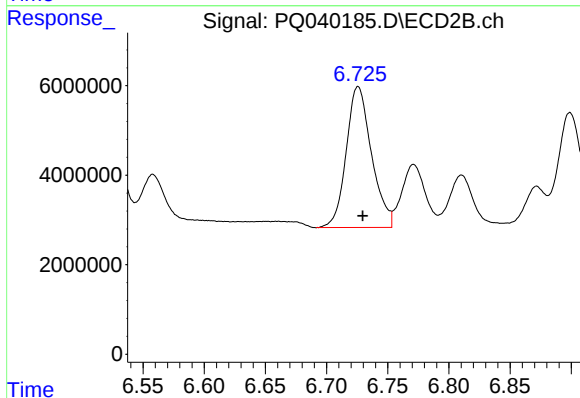
R.T.: 6.473 min
Delta R.T.: -0.005 min
Response: 31233138
Conc: 366.81 ng/ml



#7 AR-1016-5

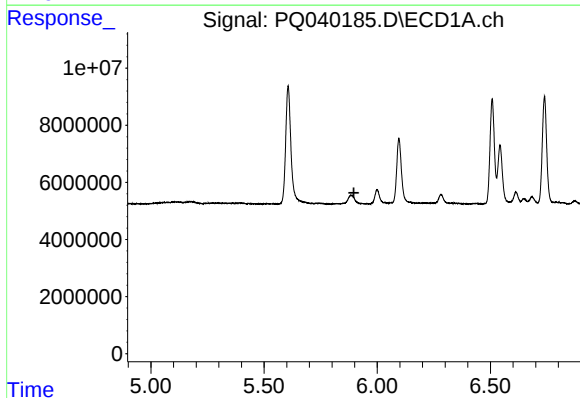
R.T.: 7.598 min
Delta R.T.: -0.006 min
Response: 57580078
Conc: 415.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



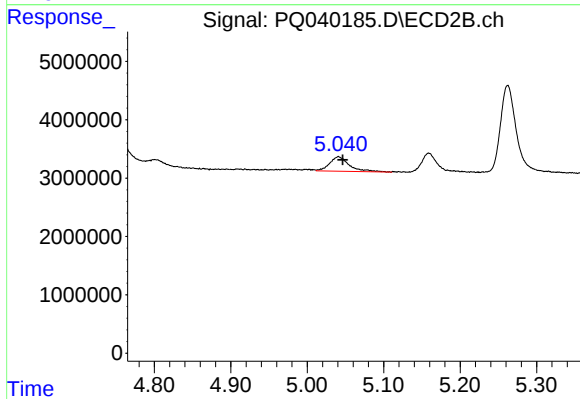
#7 AR-1016-5

R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 45314514
Conc: 393.56 ng/ml



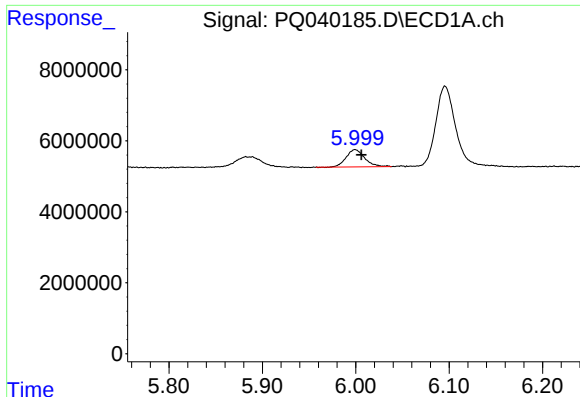
#8 AR-1221-1

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



#8 AR-1221-1

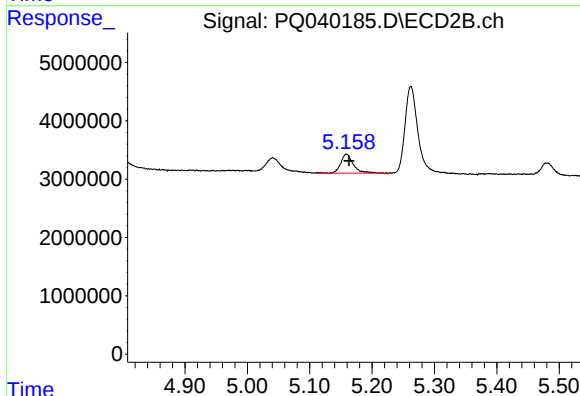
R.T.: 5.041 min
Delta R.T.: -0.006 min
Response: 4447369
Conc: 181.47 ng/ml



#9 AR-1221-2

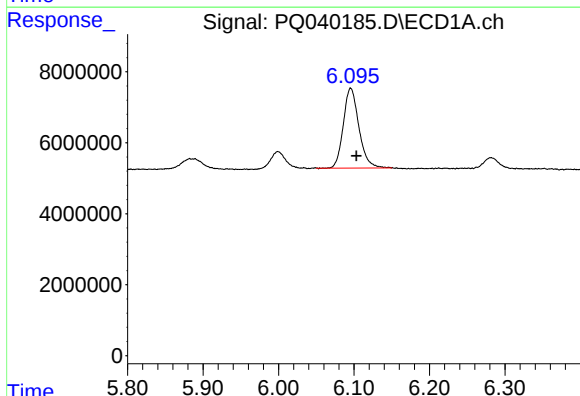
R.T.: 5.999 min
Delta R.T.: -0.007 min
Response: 6796087
Conc: 308.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



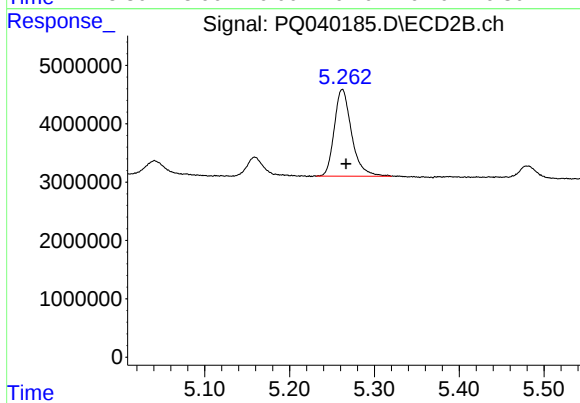
#9 AR-1221-2

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 4544020
Conc: 278.98 ng/ml



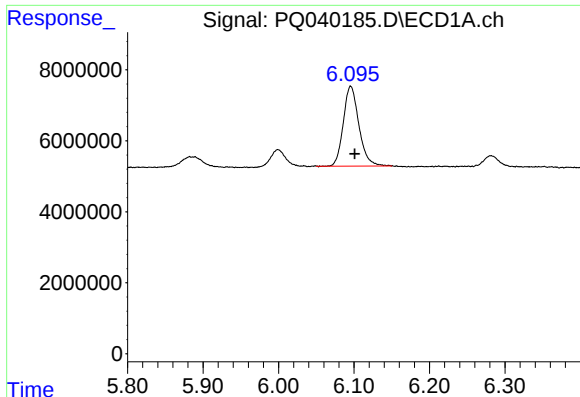
#10 AR-1221-3

R.T.: 6.096 min
Delta R.T.: -0.007 min
Response: 32269019
Conc: 365.28 ng/ml



#10 AR-1221-3

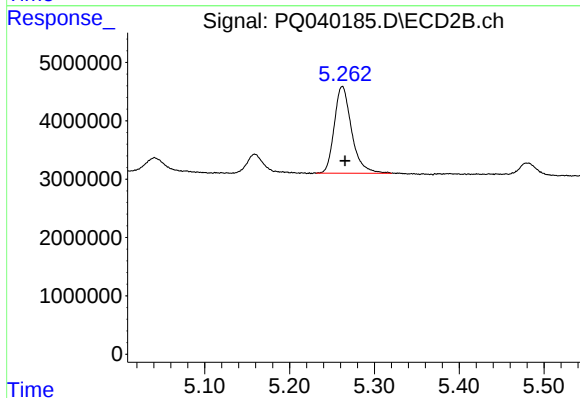
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 21063452
Conc: 346.40 ng/ml



#11 AR-1232-1

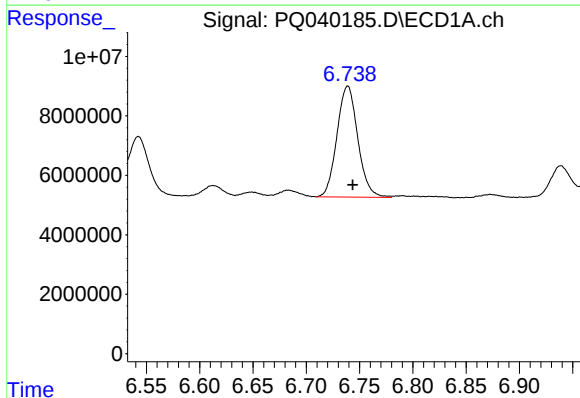
R.T.: 6.096 min
Delta R.T.: -0.005 min
Response: 32269019
Conc: 498.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



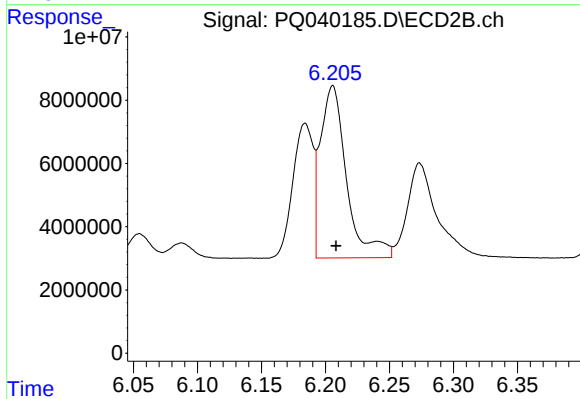
#11 AR-1232-1

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 21063452
Conc: 459.67 ng/ml



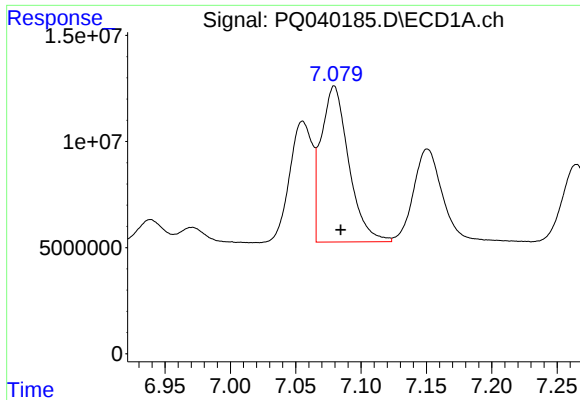
#12 AR-1232-2

R.T.: 6.739 min
Delta R.T.: -0.005 min
Response: 50819248
Conc: 1281.77 ng/ml



#12 AR-1232-2

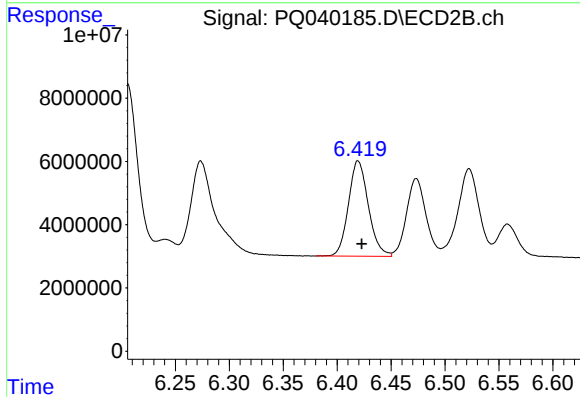
R.T.: 6.205 min
Delta R.T.: -0.003 min
Response: 77674911
Conc: 1294.87 ng/ml



#13 AR-1232-3

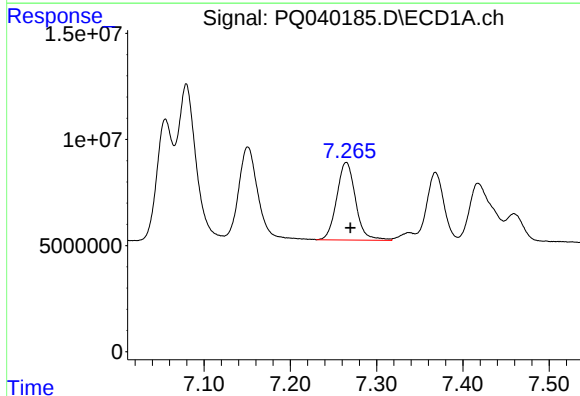
R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 107970893
Conc: 1336.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



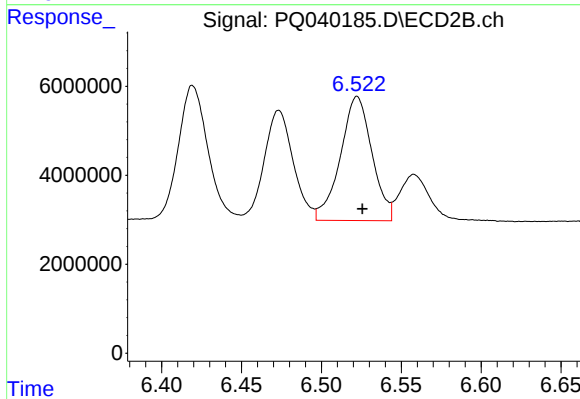
#13 AR-1232-3

R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 38831628
Conc: 1104.18 ng/ml



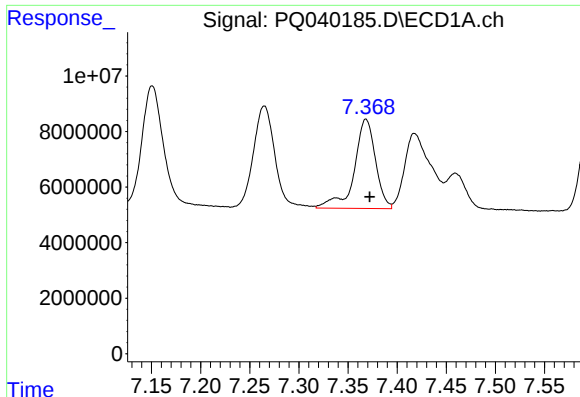
#14 AR-1232-4

R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 55422648
Conc: 1325.95 ng/ml



#14 AR-1232-4

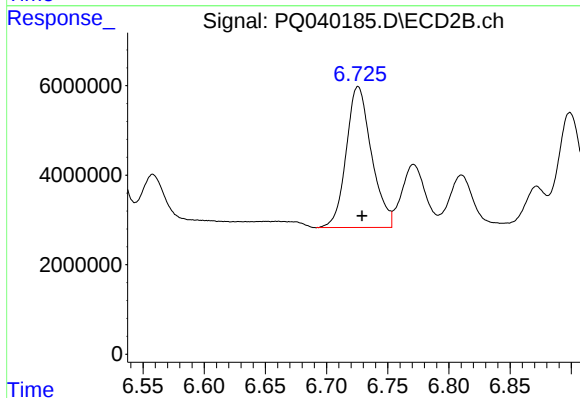
R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 38436115
Conc: 1300.79 ng/ml



#15 AR-1232-5

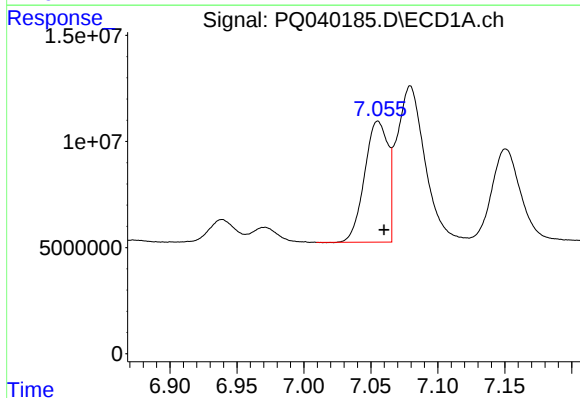
R.T.: 7.368 min
Delta R.T.: -0.004 min
Response: 48445580
Conc: 1528.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



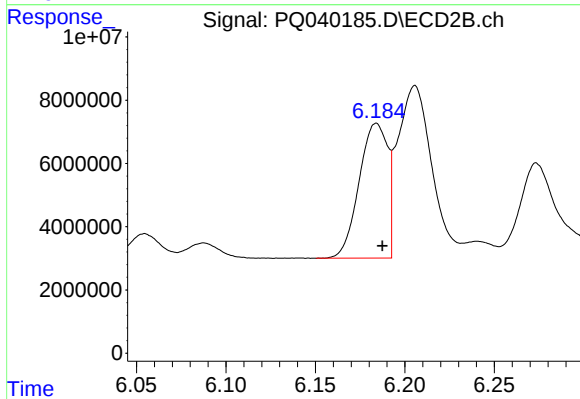
#15 AR-1232-5

R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 45314514
Conc: 1505.25 ng/ml



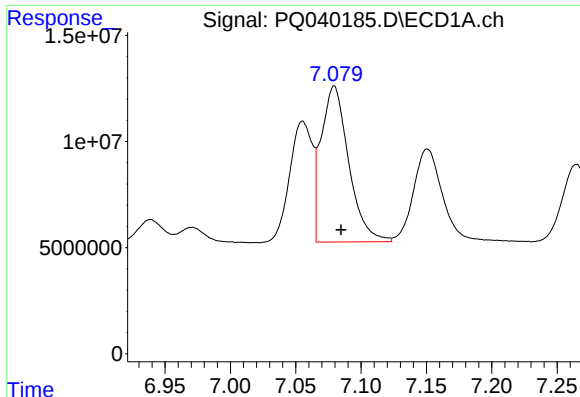
#16 AR-1242-1

R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 69398478
Conc: 715.77 ng/ml



#16 AR-1242-1

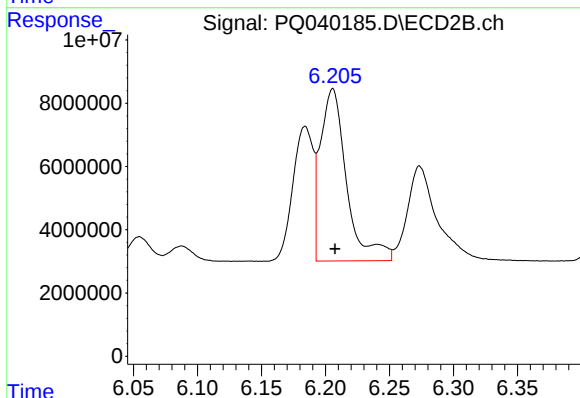
R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 47140754
Conc: 637.48 ng/ml



#17 AR-1242-2

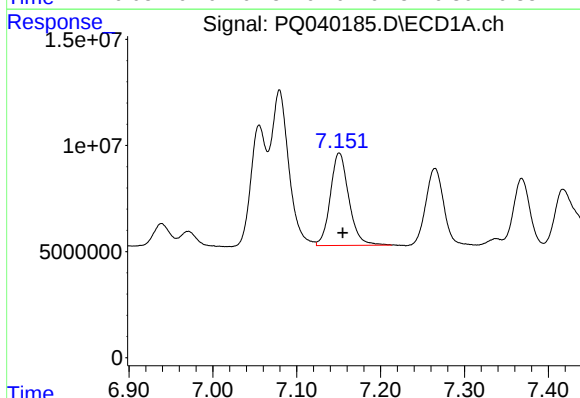
R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 107970893
Conc: 747.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



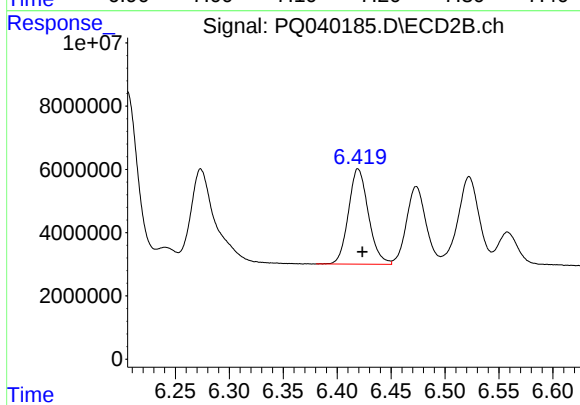
#17 AR-1242-2

R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 77674911
Conc: 729.62 ng/ml



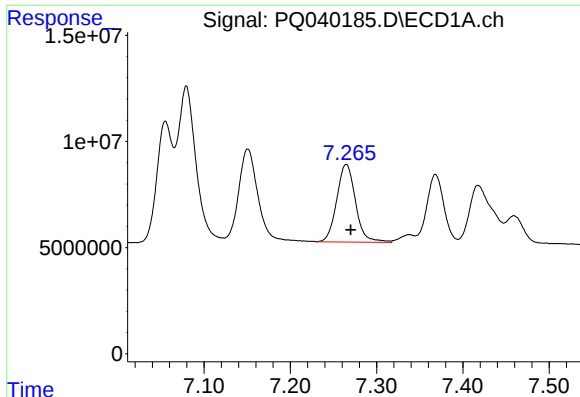
#18 AR-1242-3

R.T.: 7.151 min
Delta R.T.: -0.004 min
Response: 66884515
Conc: 718.49 ng/ml



#18 AR-1242-3

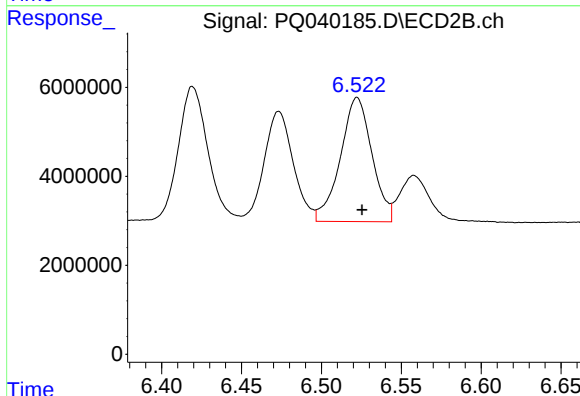
R.T.: 6.420 min
Delta R.T.: -0.004 min
Response: 38831628
Conc: 643.71 ng/ml



#19 AR-1242-4

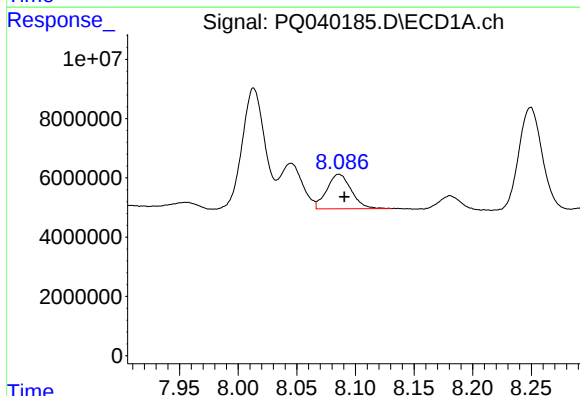
R.T.: 7.265 min
Delta R.T.: -0.005 min
Response: 55422648
Conc: 736.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



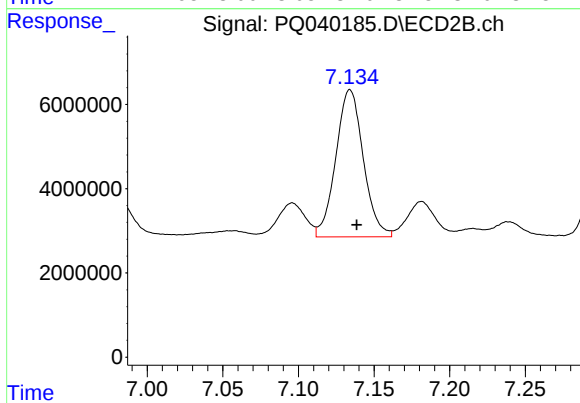
#19 AR-1242-4

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 38436115
Conc: 644.90 ng/ml



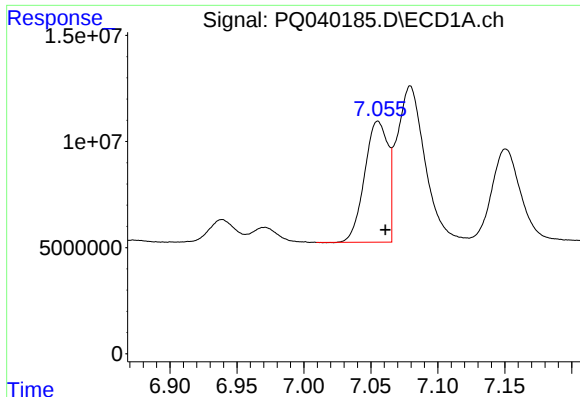
#20 AR-1242-5

R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 16917931
Conc: 195.15 ng/ml



#20 AR-1242-5

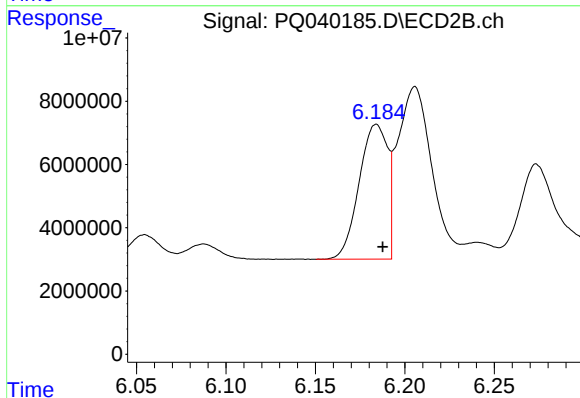
R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 44272268
Conc: 549.36 ng/ml



#21 AR-1248-1

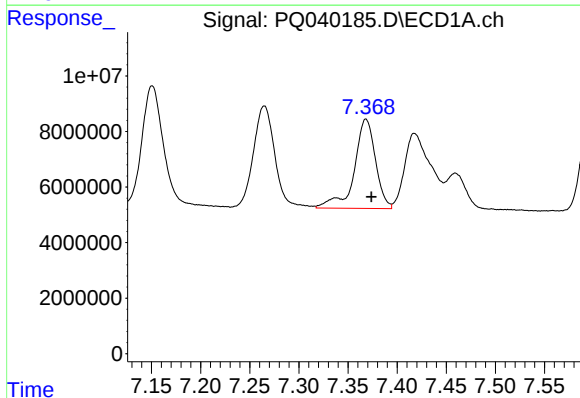
R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 69398478
Conc: 896.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



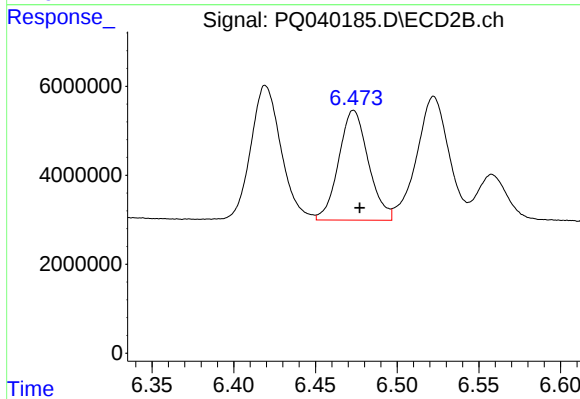
#21 AR-1248-1

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 47140754
Conc: 818.08 ng/ml



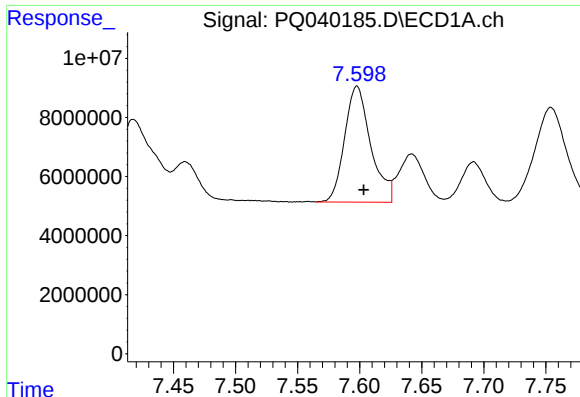
#22 AR-1248-2

R.T.: 7.368 min
Delta R.T.: -0.006 min
Response: 48445580
Conc: 430.12 ng/ml



#22 AR-1248-2

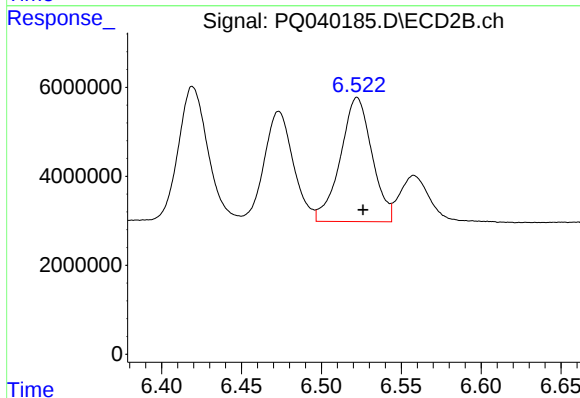
R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 31233138
Conc: 355.25 ng/ml



#23 AR-1248-3

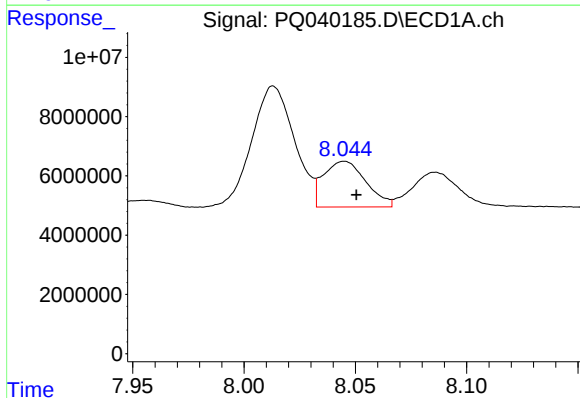
R.T.: 7.598 min
Delta R.T.: -0.005 min
Response: 57580078
Conc: 417.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



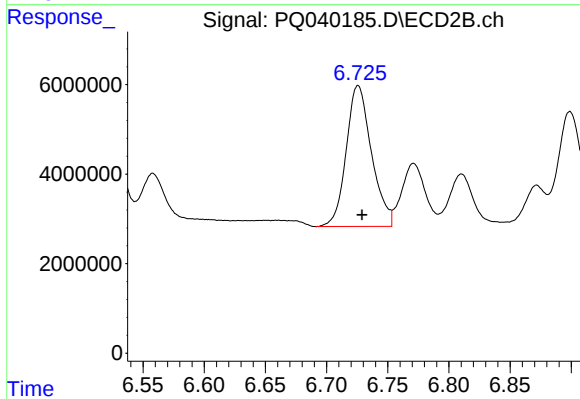
#23 AR-1248-3

R.T.: 6.522 min
Delta R.T.: -0.004 min
Response: 38436115
Conc: 424.79 ng/ml



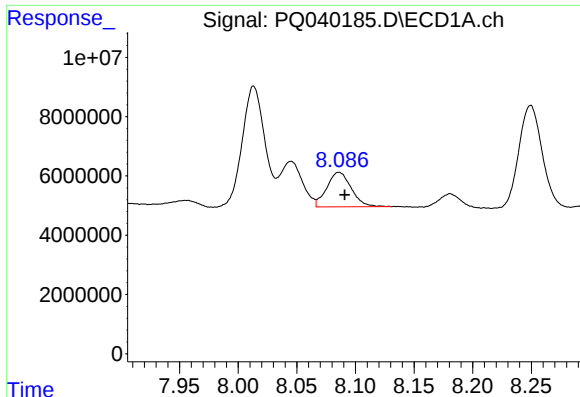
#24 AR-1248-4

R.T.: 8.045 min
Delta R.T.: -0.005 min
Response: 20405333
Conc: 135.16 ng/ml



#24 AR-1248-4

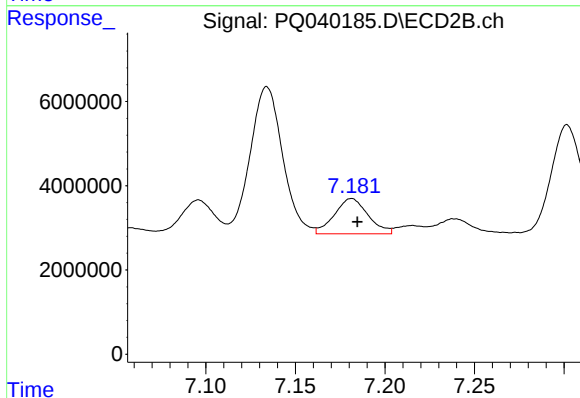
R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 45314514
Conc: 410.35 ng/ml



#25 AR-1248-5

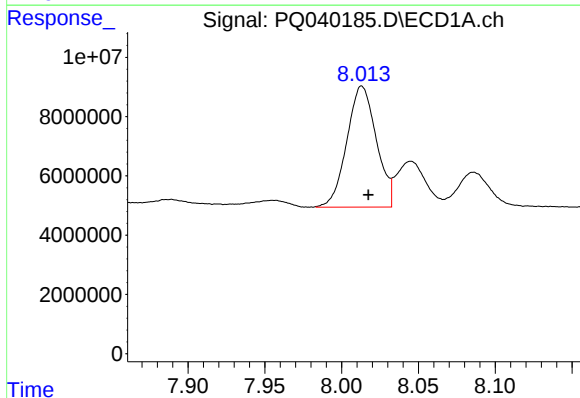
R.T.: 8.086 min
Delta R.T.: -0.005 min
Response: 16917931
Conc: 112.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



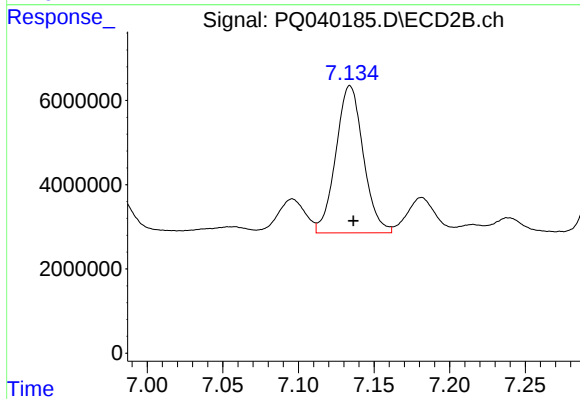
#25 AR-1248-5

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 10975512
Conc: 96.67 ng/ml



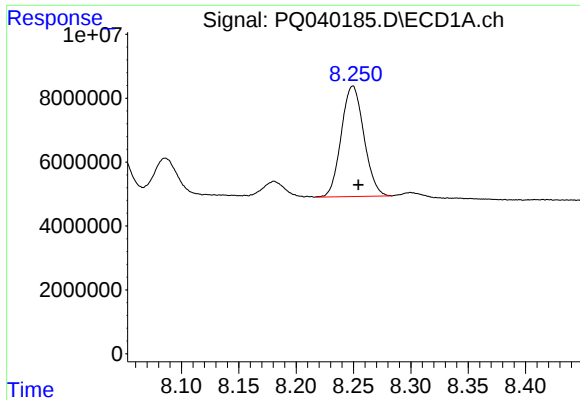
#26 AR-1254-1

R.T.: 8.013 min
Delta R.T.: -0.004 min
Response: 54553023
Conc: 312.81 ng/ml



#26 AR-1254-1

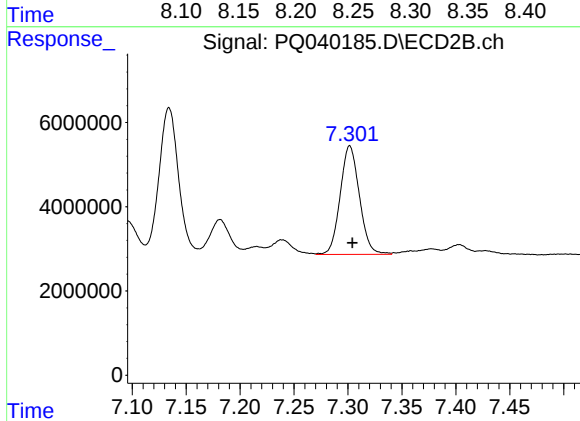
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 44272268
Conc: 231.14 ng/ml



#27 AR-1254-2

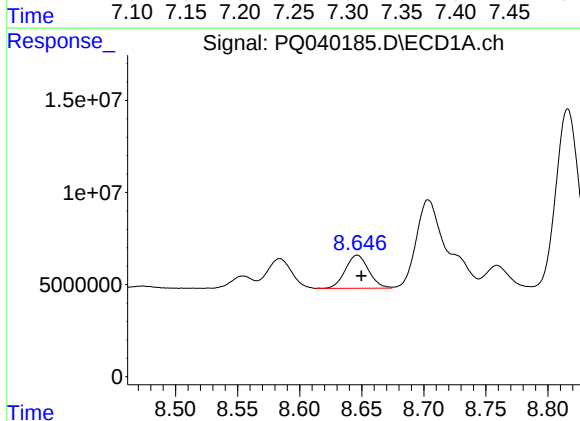
R.T.: 8.249 min
Delta R.T.: -0.005 min
Response: 47584748
Conc: 172.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



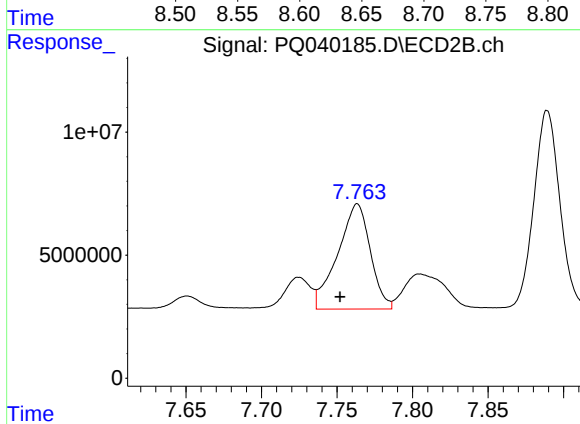
#27 AR-1254-2

R.T.: 7.302 min
Delta R.T.: -0.002 min
Response: 32105070
Conc: 184.80 ng/ml



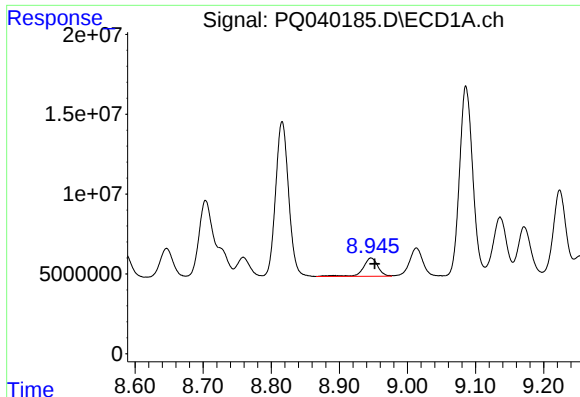
#28 AR-1254-3

R.T.: 8.646 min
Delta R.T.: -0.003 min
Response: 23491189
Conc: 79.15 ng/ml



#28 AR-1254-3

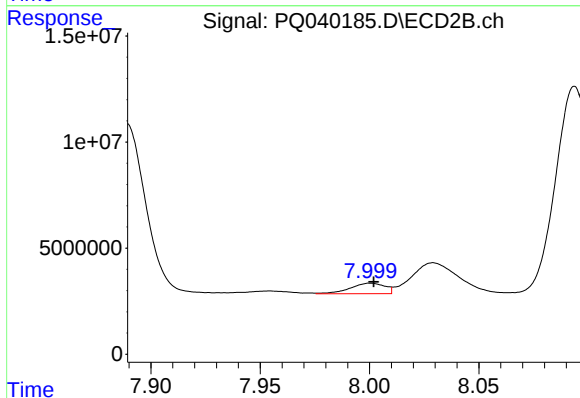
R.T.: 7.763 min
Delta R.T.: 0.011 min
Response: 64182479
Conc: 222.10 ng/ml



#29 AR-1254-4

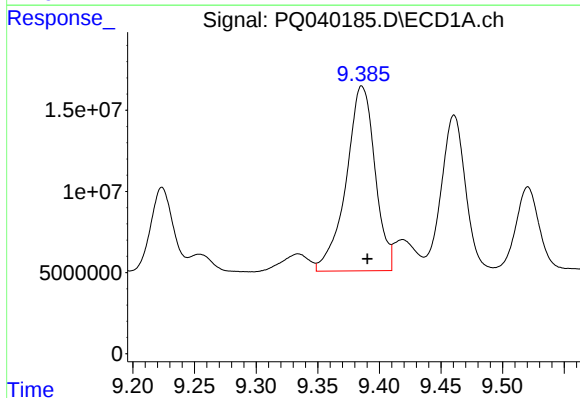
R.T.: 8.946 min
Delta R.T.: -0.005 min
Response: 17306342
Conc: 83.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



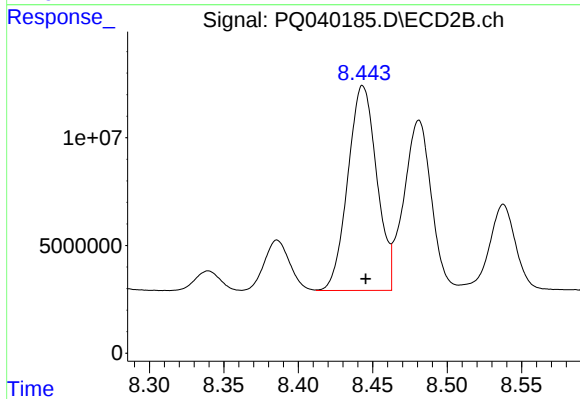
#29 AR-1254-4

R.T.: 8.001 min
Delta R.T.: -0.001 min
Response: 5483734
Conc: 30.71 ng/ml



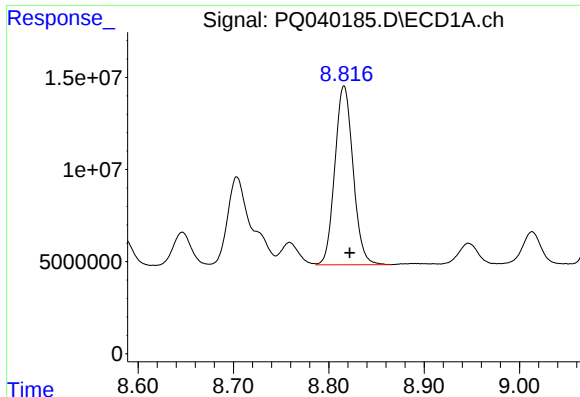
#30 AR-1254-5

R.T.: 9.386 min
Delta R.T.: -0.004 min
Response: 185516447
Conc: 644.17 ng/ml



#30 AR-1254-5

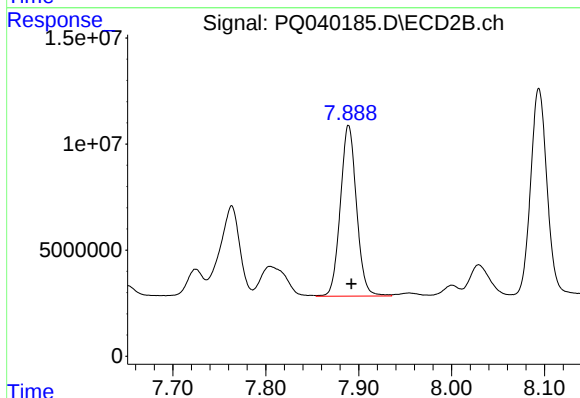
R.T.: 8.443 min
Delta R.T.: -0.002 min
Response: 128684033
Conc: 499.49 ng/ml



#31 AR-1260-1

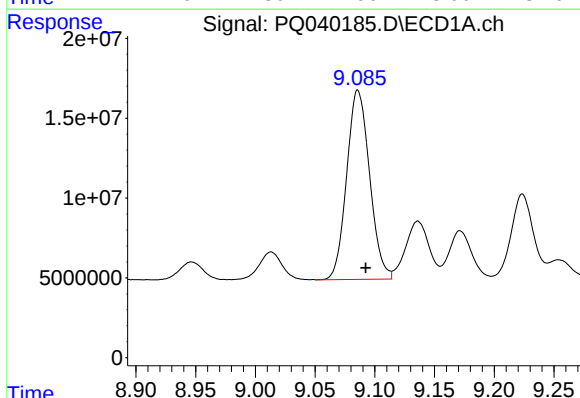
R.T.: 8.816 min
Delta R.T.: -0.006 min
Response: 128798662
Conc: 387.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



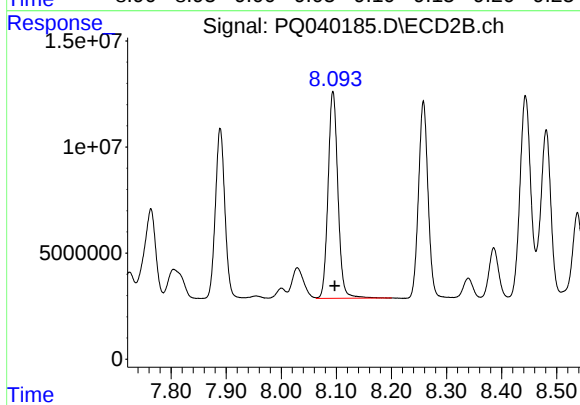
#31 AR-1260-1

R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 97346752
Conc: 355.10 ng/ml



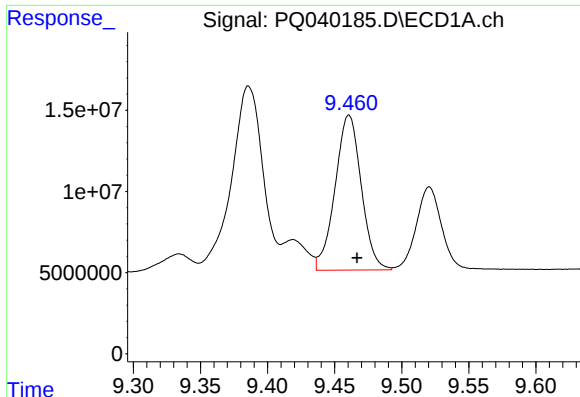
#32 AR-1260-2

R.T.: 9.086 min
Delta R.T.: -0.007 min
Response: 158518496
Conc: 392.40 ng/ml



#32 AR-1260-2

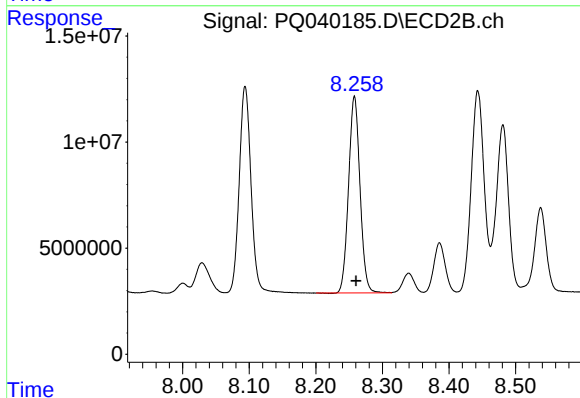
R.T.: 8.094 min
Delta R.T.: -0.003 min
Response: 121145095
Conc: 350.21 ng/ml



#33 AR-1260-3

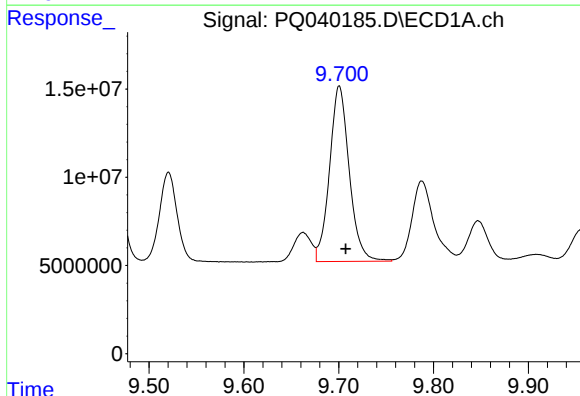
R.T.: 9.461 min
Delta R.T.: -0.006 min
Response: 129743422
Conc: 393.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



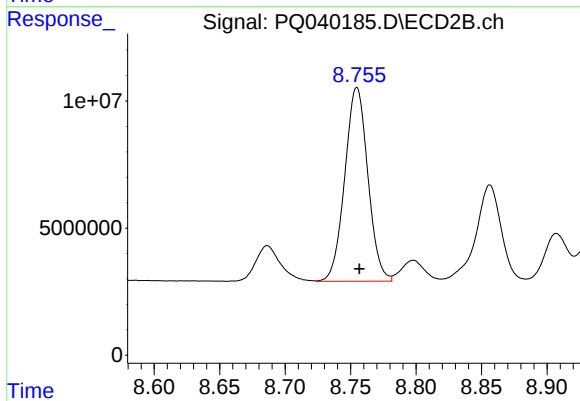
#33 AR-1260-3

R.T.: 8.258 min
Delta R.T.: -0.002 min
Response: 110624021
Conc: 344.94 ng/ml



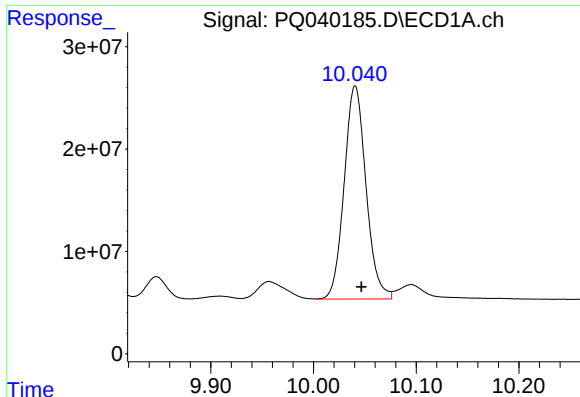
#34 AR-1260-4

R.T.: 9.701 min
Delta R.T.: -0.007 min
Response: 143719390
Conc: 389.98 ng/ml



#34 AR-1260-4

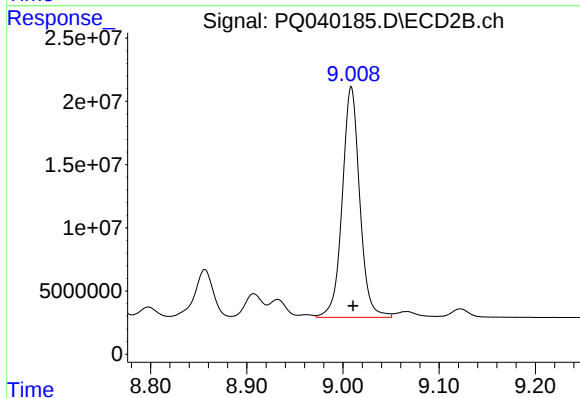
R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 93716493
Conc: 344.90 ng/ml



#35 AR-1260-5

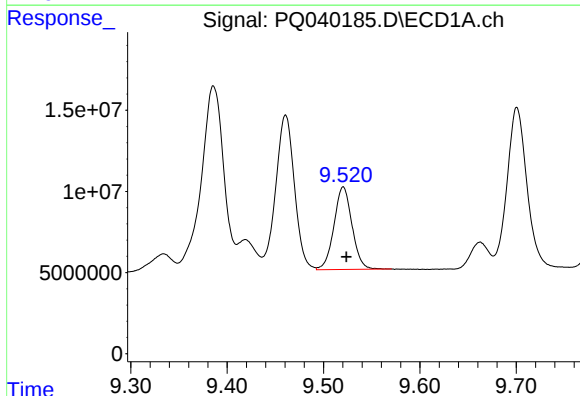
R.T.: 10.041 min
Delta R.T.: -0.006 min
Response: 308004758
Conc: 399.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



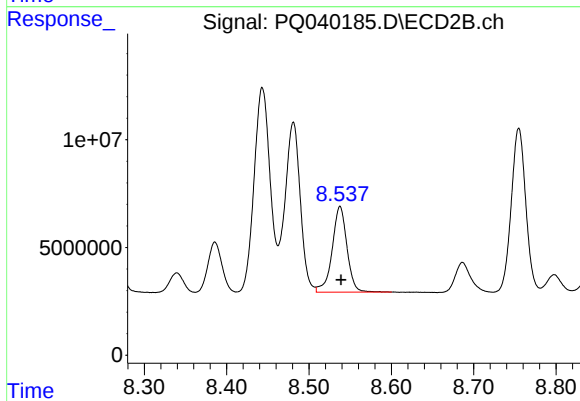
#35 AR-1260-5

R.T.: 9.009 min
Delta R.T.: -0.002 min
Response: 228996953
Conc: 340.68 ng/ml



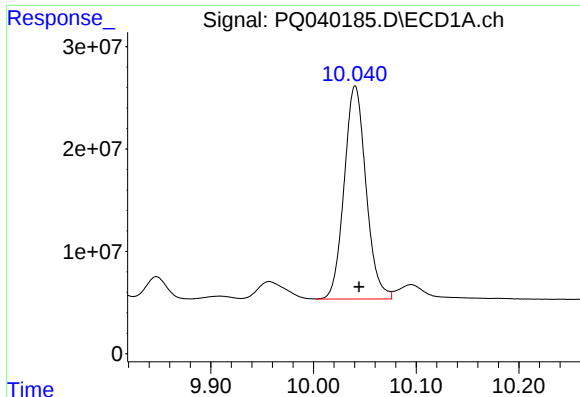
#36 AR-1262-1

R.T.: 9.521 min
Delta R.T.: -0.003 min
Response: 66372732
Conc: 477.46 ng/ml



#36 AR-1262-1

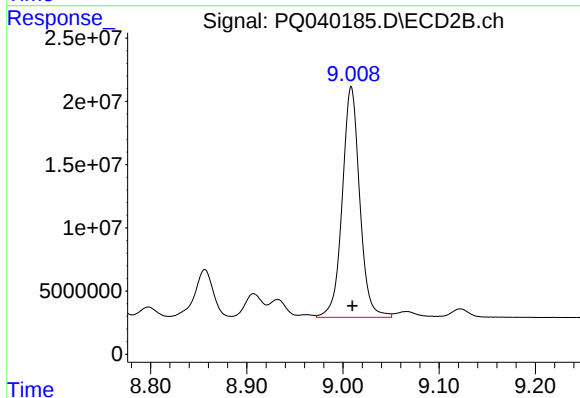
R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 49851908
Conc: 439.04 ng/ml



#37 AR-1262-2

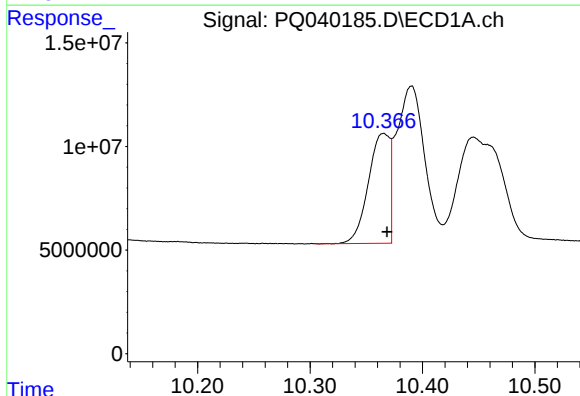
R.T.: 10.041 min
Delta R.T.: -0.004 min
Response: 308004758
Conc: 532.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



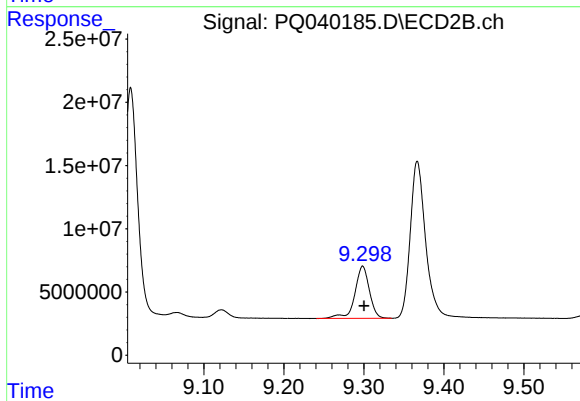
#37 AR-1262-2

R.T.: 9.009 min
Delta R.T.: -0.001 min
Response: 228996953
Conc: 461.56 ng/ml



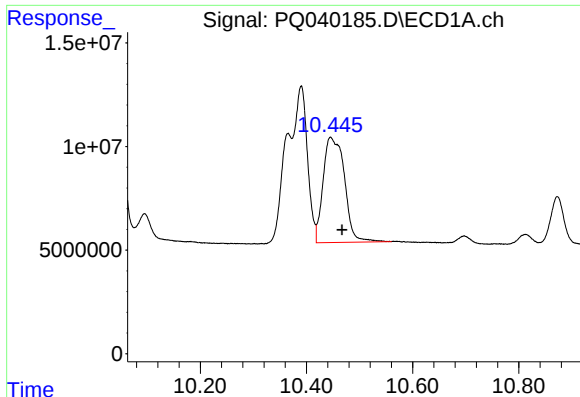
#38 AR-1262-3

R.T.: 10.365 min
Delta R.T.: -0.003 min
Response: 70231977
Conc: 166.11 ng/ml



#38 AR-1262-3

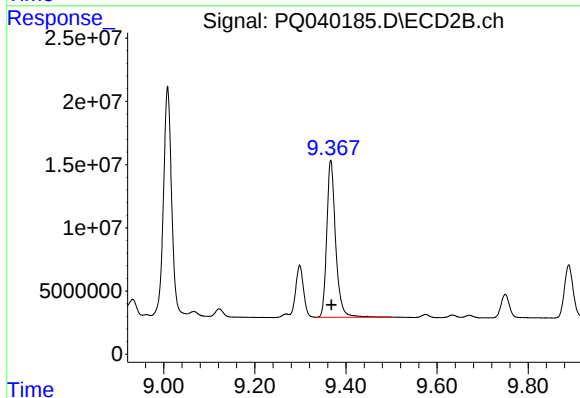
R.T.: 9.299 min
Delta R.T.: -0.002 min
Response: 52059122
Conc: 247.60 ng/ml



#39 AR-1262-4

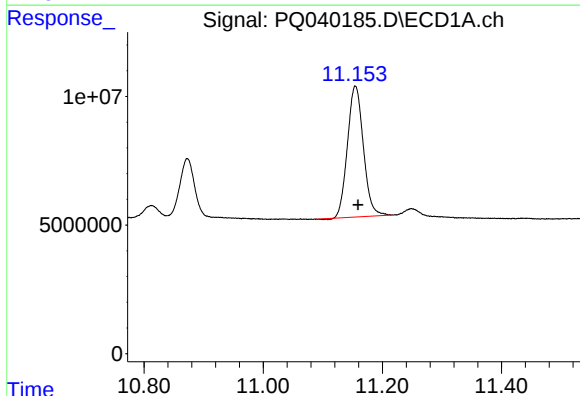
R.T.: 10.445 min
Delta R.T.: -0.022 min
Response: 141662620
Conc: 375.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



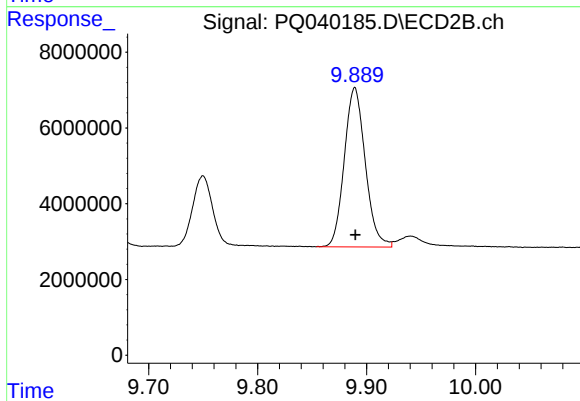
#39 AR-1262-4

R.T.: 9.367 min
Delta R.T.: -0.001 min
Response: 167398602
Conc: 442.12 ng/ml



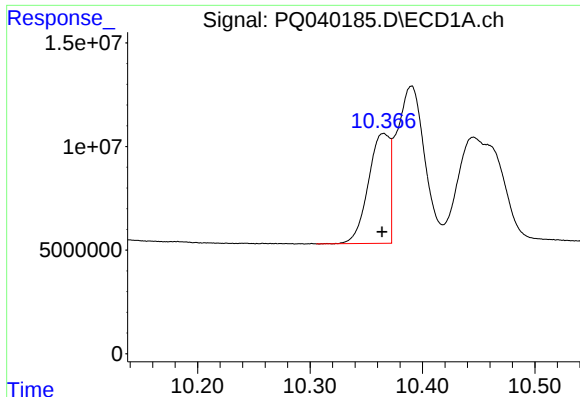
#40 AR-1262-5

R.T.: 11.155 min
Delta R.T.: -0.005 min
Response: 94200955
Conc: 400.92 ng/ml



#40 AR-1262-5

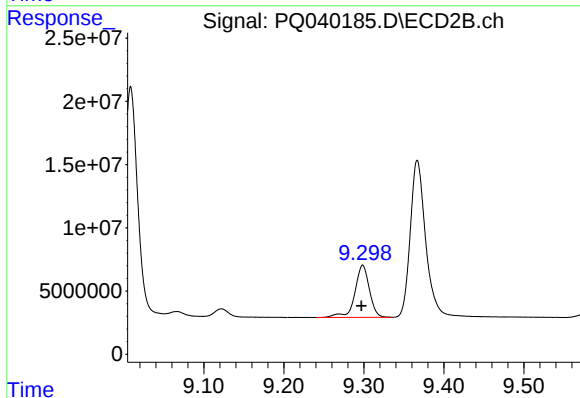
R.T.: 9.889 min
Delta R.T.: 0.000 min
Response: 56268155
Conc: 347.05 ng/ml



#41 AR-1268-1

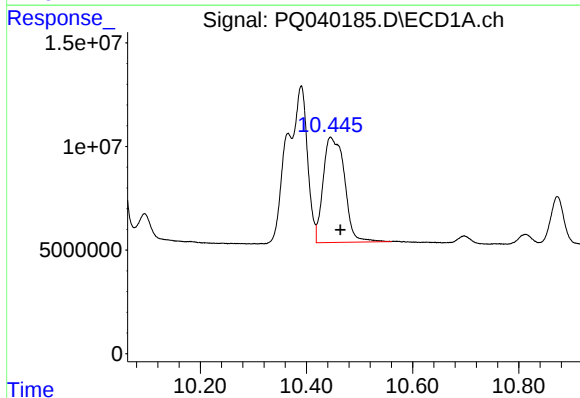
R.T.: 10.365 min
Delta R.T.: 0.001 min
Response: 70231977
Conc: 116.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



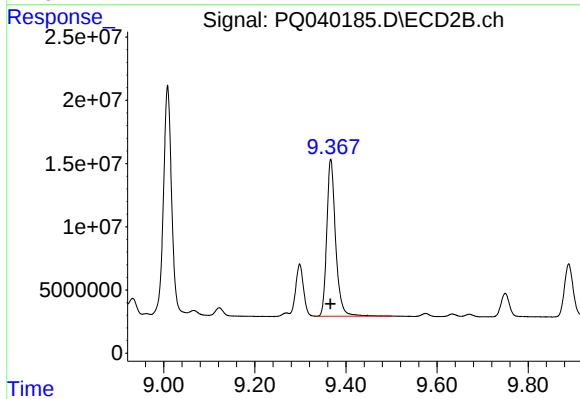
#41 AR-1268-1

R.T.: 9.299 min
Delta R.T.: 0.002 min
Response: 52059122
Conc: 114.08 ng/ml



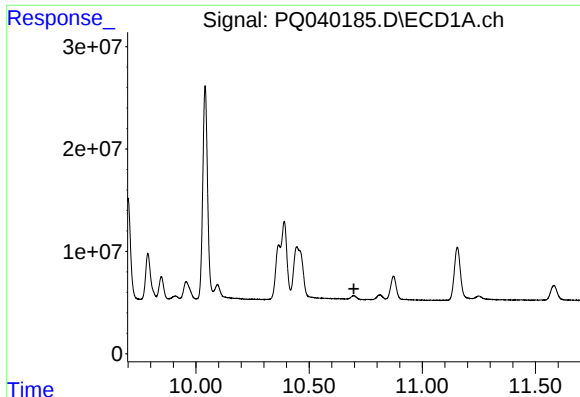
#42 AR-1268-2

R.T.: 10.445 min
Delta R.T.: -0.018 min
Response: 141662620
Conc: 230.23 ng/ml



#42 AR-1268-2

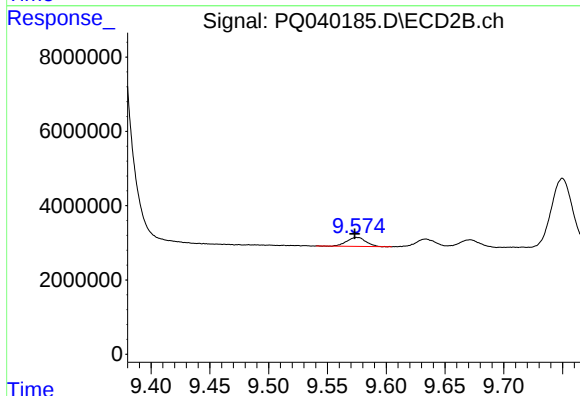
R.T.: 9.367 min
Delta R.T.: 0.001 min
Response: 167398602
Conc: 382.90 ng/ml



#43 AR-1268-3

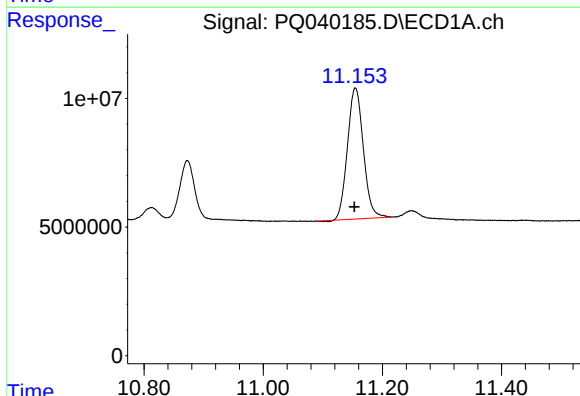
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR1660336



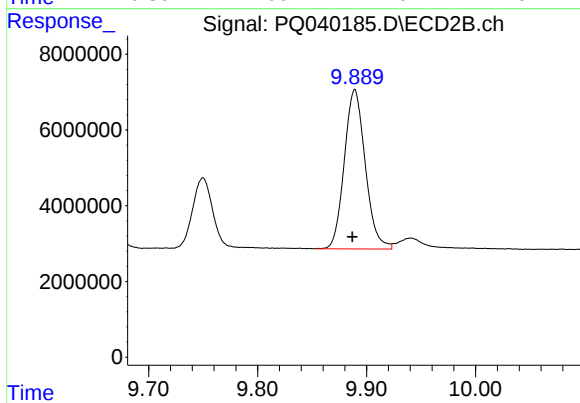
#43 AR-1268-3

R.T.: 9.575 min
Delta R.T.: 0.002 min
Response: 2706859
Conc: 7.21 ng/ml



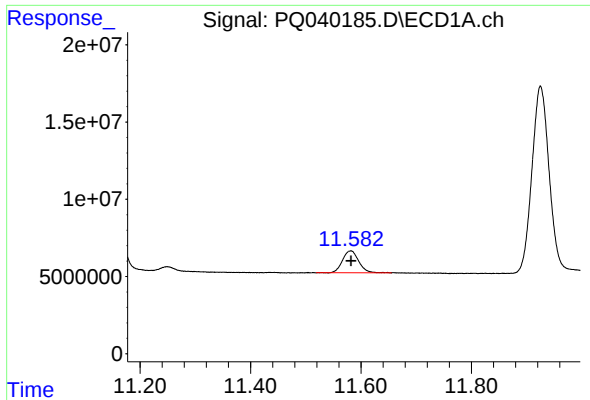
#44 AR-1268-4

R.T.: 11.155 min
Delta R.T.: 0.001 min
Response: 94200955
Conc: 461.85 ng/ml



#44 AR-1268-4

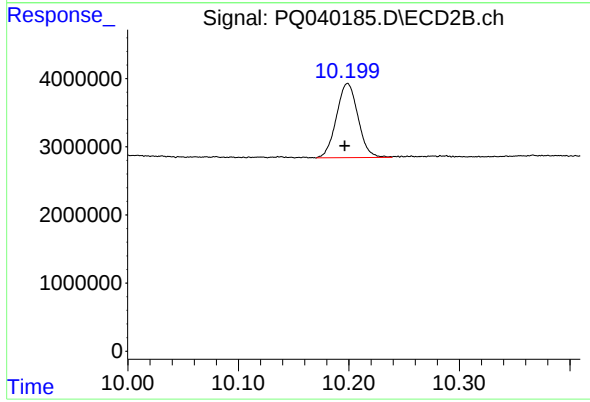
R.T.: 9.889 min
Delta R.T.: 0.002 min
Response: 56268155
Conc: 408.38 ng/ml



#45 AR-1268-5

R.T.: 11.582 min
Delta R.T.: 0.000 min
Response: 28793612
Conc: 15.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660336



#45 AR-1268-5

R.T.: 10.199 min
Delta R.T.: 0.003 min
Response: 14756155
Conc: 12.50 ng/ml