

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
 Data File : PQ041470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2019 13:47
 Operator : SM\AJ
 Sample : K3850-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENR7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 00:37:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.703	4.759	38105592	40432964	9.954	13.450 #
2)	SA Decachlor...	12.110	10.525	186.5E6	88355343	18.033	19.390
Target Compounds							
3)	L1 AR-1016-1	7.122	6.275	6634976	2237737	38.016	15.294 #
4)	L1 AR-1016-2	7.122	6.275	6634976	2237737	25.159	10.751 #
7)	L1 AR-1016-5	7.693	6.757	3138811	3608065	23.588	30.022 #
10)	L2 AR-1221-3	0.000	5.358	0	205.2E6	N.D.	1936.921 #
11)	L3 AR-1232-1	0.000	5.358	0	205.2E6	N.D.	2704.947 #
12)	L3 AR-1232-2	0.000	6.275	0	2237737	N.D.	23.953 #
13)	L3 AR-1232-3	7.122	0.000	6634976	0	58.623	N.D. #
15)	L3 AR-1232-5	7.464	6.757	5408235	3608065	146.545	74.591 #
16)	L4 AR-1242-1	7.122	6.275	6634976	2237737	52.970	21.203 #
17)	L4 AR-1242-2	7.122	6.275	6634976	2237737	34.841	14.431 #
20)	L4 AR-1242-5	8.184	7.167	8096602	7768512	61.071	62.233
21)	L5 AR-1248-1	7.122	6.275	6634976	2237737	71.530	27.861 #
22)	L5 AR-1248-2	7.464	0.000	5408235	0	43.949	N.D. #
23)	L5 AR-1248-3	7.693	0.000	3138811	0	19.988	N.D. #
24)	L5 AR-1248-4	8.143	6.757	3711841	3608065	17.184	24.925 #
25)	L5 AR-1248-5	8.184	7.213	8096602	10084100	38.019	59.924 #
26)	L6 AR-1254-1	8.110	7.167	9251821	7768512	45.643	30.548 #
27)	L6 AR-1254-2	8.351	7.335	30496519	6154705	88.295	26.901 #
28)	L6 AR-1254-3	8.741	7.783	17682760	14303540	42.672	35.240
29)	L6 AR-1254-4	9.060	8.032	51766080	3119602	143.029	11.419 #
30)	L6 AR-1254-5	9.483	8.479	11613143	38471740	28.922	96.354 #
31)	L7 AR-1260-1	8.916	7.922	4628206	12738689	15.319	47.898 #
32)	L7 AR-1260-2	9.184	8.125	7366755	29346045	16.072	80.877 #
33)	L7 AR-1260-3	9.558	8.292	6013253	4360240	14.163	13.885
34)	L7 AR-1260-4	9.825	8.790	119.5E6	2454385	283.825	8.622 #
35)	L7 AR-1260-5	10.150	9.011	517.0E6	53486581	483.840	71.931 #
36)	L8 AR-1262-1	9.674	0.000	19490909	0	79.388	N.D. #
37)	L8 AR-1262-2	10.150	9.011	517.0E6	53486581	425.732	63.663 #
38)	L8 AR-1262-3	10.499	9.334	52919815	5411291	63.500	15.385 #
39)	L8 AR-1262-4	10.656	9.401	98137092	27547738	150.640	46.873 #
40)	L8 AR-1262-5	11.309	9.928	36983464	2895403	80.905	12.067 #
41)	L9 AR-1268-1	10.499	9.334	52919815	5411291	29.325	4.736 #
42)	L9 AR-1268-2	10.656	9.401	98137092	27547738	61.503	28.349 #
43)	L9 AR-1268-3	10.778	9.601	1031708	22374566	0.734	28.030 #
44)	L9 AR-1268-4	11.309	9.928	36983464	2895403	65.152	9.435 #
45)	L9 AR-1268-5	0.000	10.245	0	1743047	N.D.	0.882 #

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

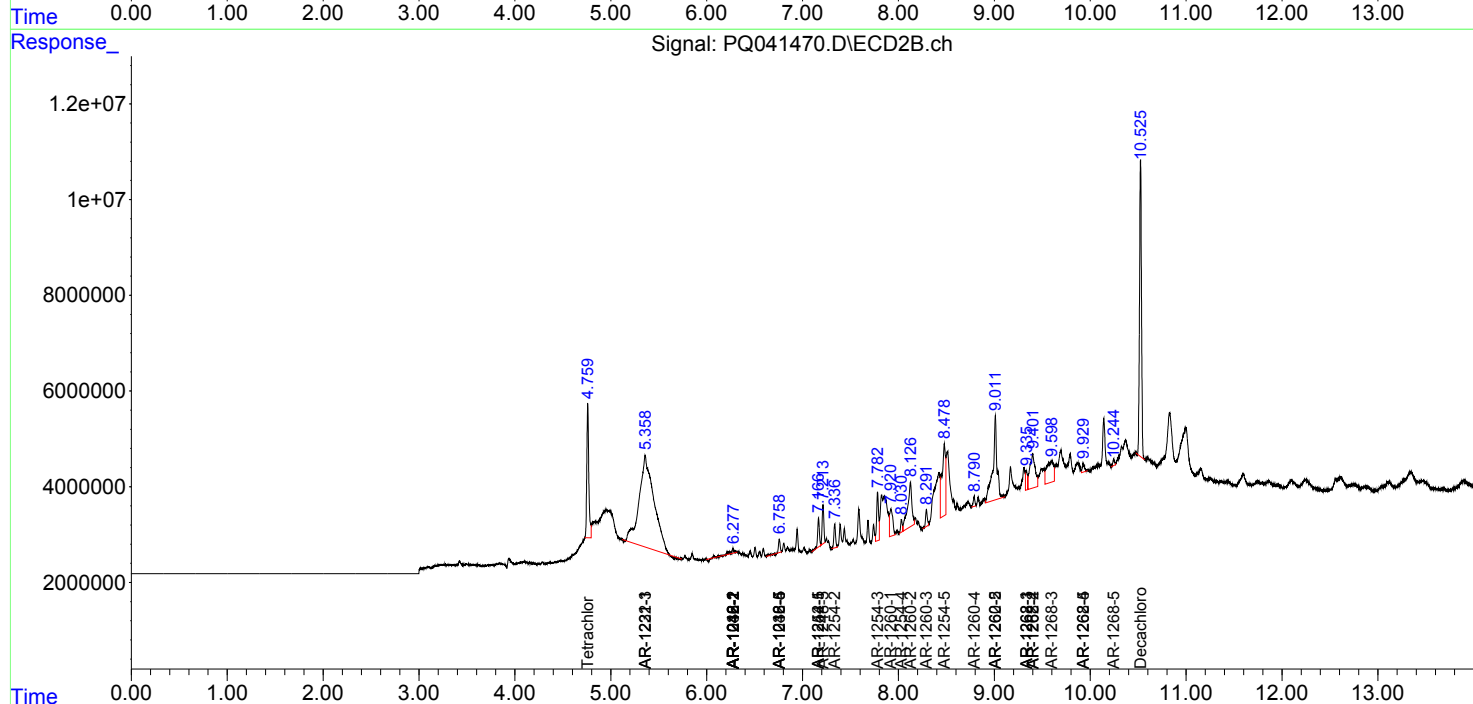
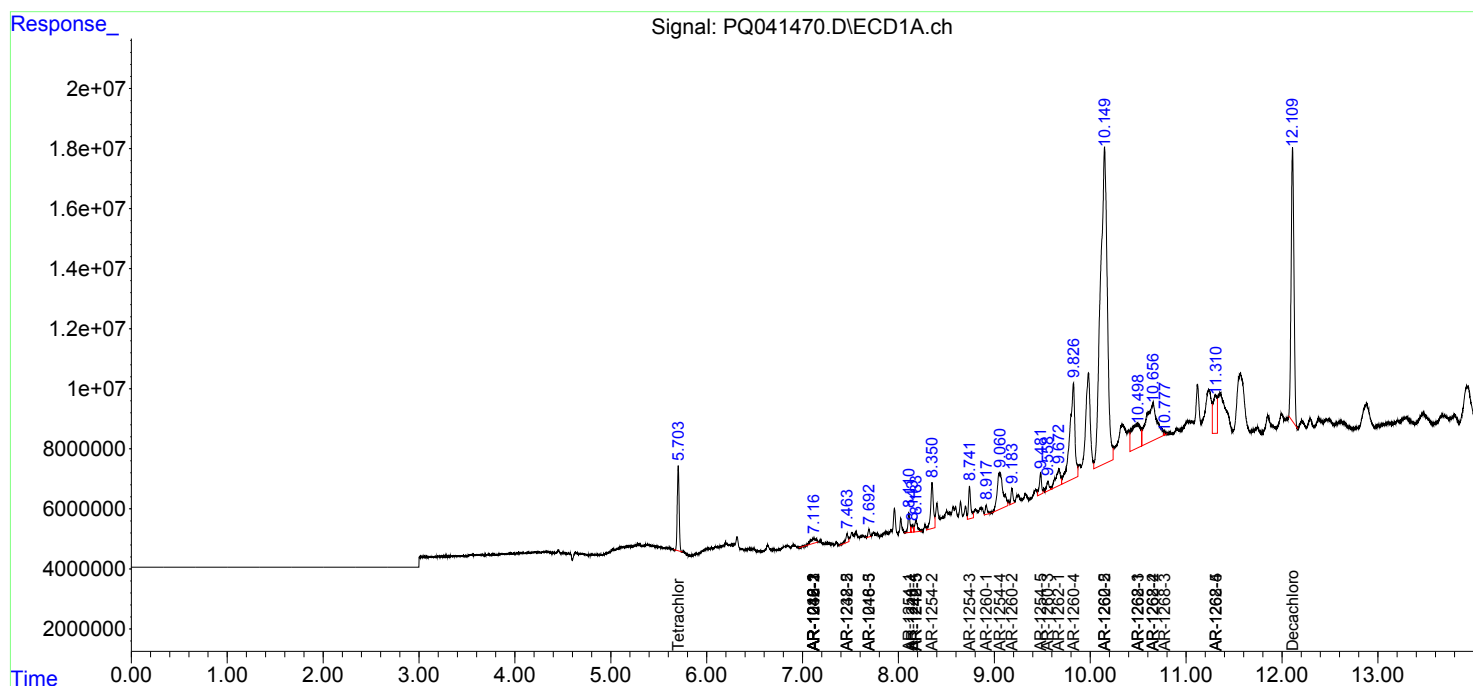
Instrument :
ECD_Q
ClientSampleId :
BENR7

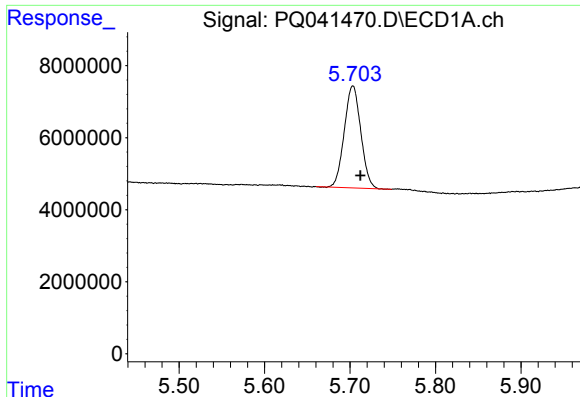
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072419\
Data File : PQ041470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2019 13:47
Operator : SM\AJ
Sample : K3850-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BENR7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 00:37:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

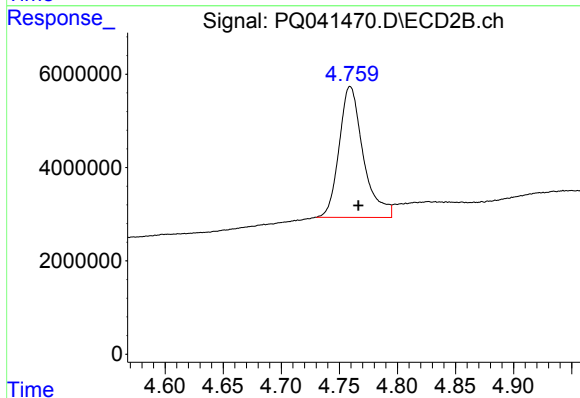




#1 Tetrachloro-m-xylene

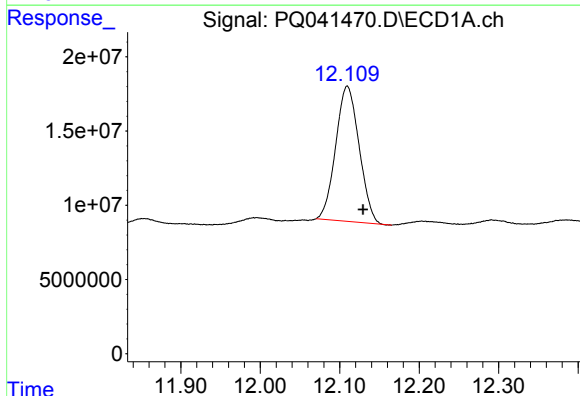
R.T.: 5.703 min
Delta R.T.: -0.009 min
Response: 38105592
Conc: 9.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



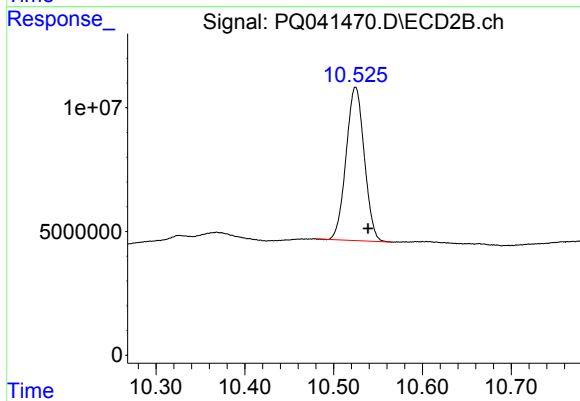
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 40432964
Conc: 13.45 ng/ml



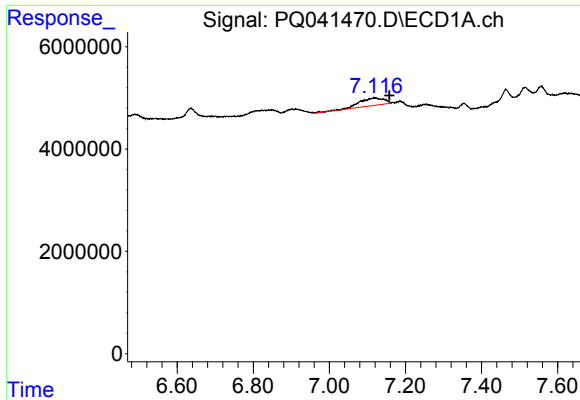
#2 Decachlorobiphenyl

R.T.: 12.110 min
Delta R.T.: -0.020 min
Response: 186533363
Conc: 18.03 ng/ml



#2 Decachlorobiphenyl

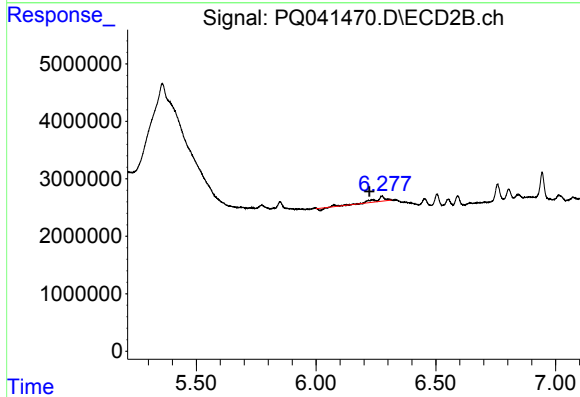
R.T.: 10.525 min
Delta R.T.: -0.014 min
Response: 88355343
Conc: 19.39 ng/ml



#3 AR-1016-1

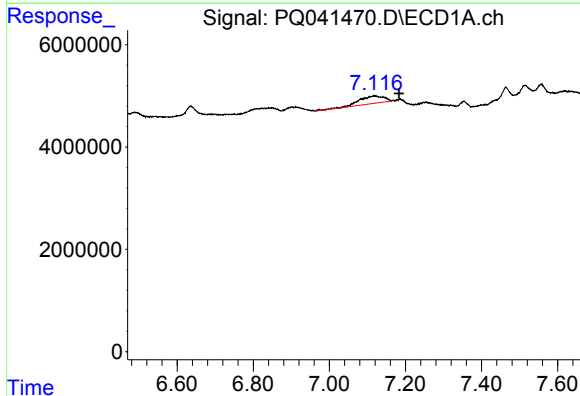
R.T.: 7.122 min
Delta R.T.: -0.037 min
Response: 6634976
Conc: 38.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



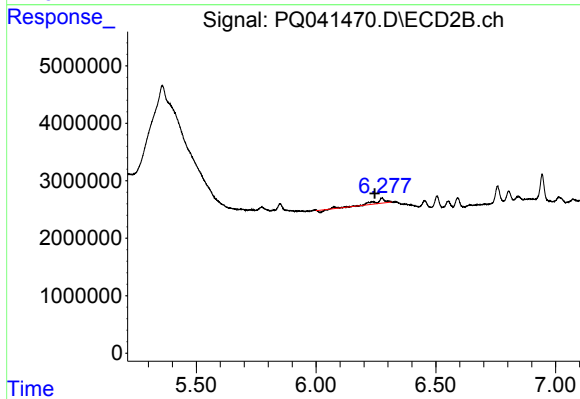
#3 AR-1016-1

R.T.: 6.275 min
Delta R.T.: 0.052 min
Response: 2237737
Conc: 15.29 ng/ml



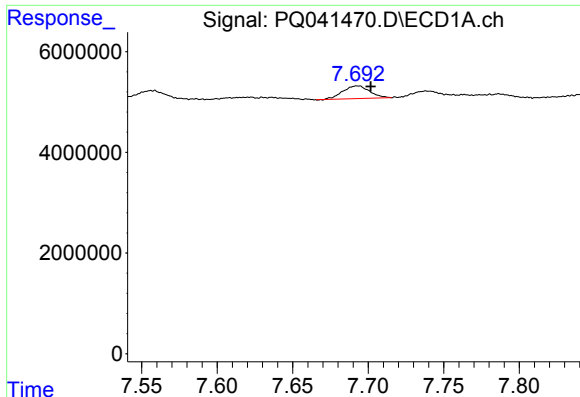
#4 AR-1016-2

R.T.: 7.122 min
Delta R.T.: -0.062 min
Response: 6634976
Conc: 25.16 ng/ml



#4 AR-1016-2

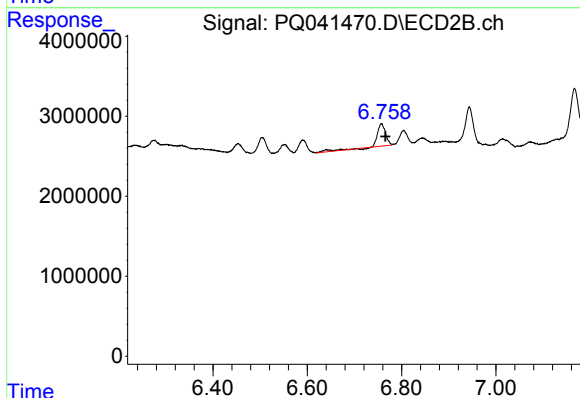
R.T.: 6.275 min
Delta R.T.: 0.030 min
Response: 2237737
Conc: 10.75 ng/ml



#7 AR-1016-5

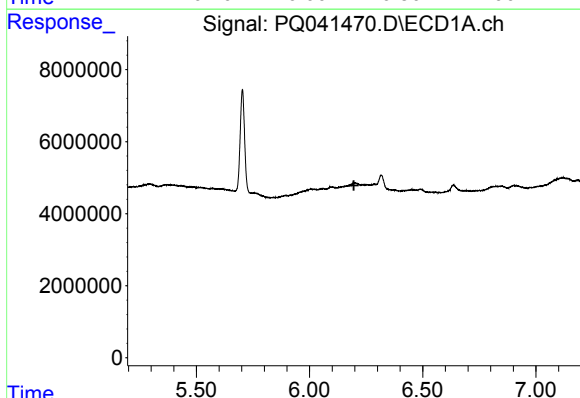
R.T.: 7.693 min
Delta R.T.: -0.009 min
Response: 3138811
Conc: 23.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



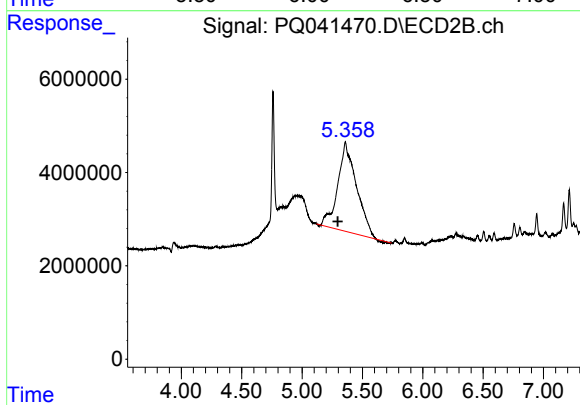
#7 AR-1016-5

R.T.: 6.757 min
Delta R.T.: -0.009 min
Response: 3608065
Conc: 30.02 ng/ml



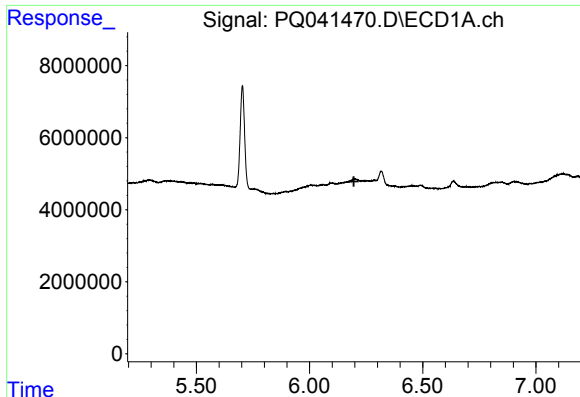
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

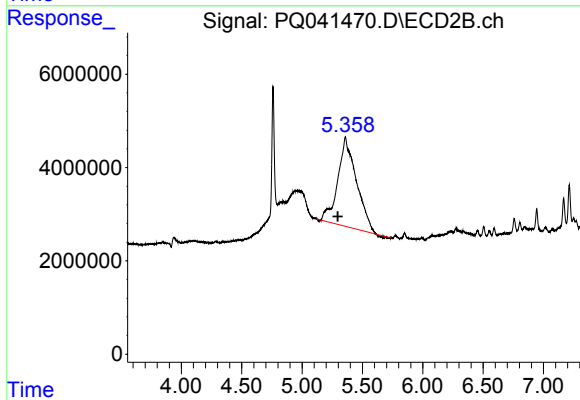
R.T.: 5.358 min
Delta R.T.: 0.061 min
Response: 205205669
Conc: 1936.92 ng/ml



#11 AR-1232-1

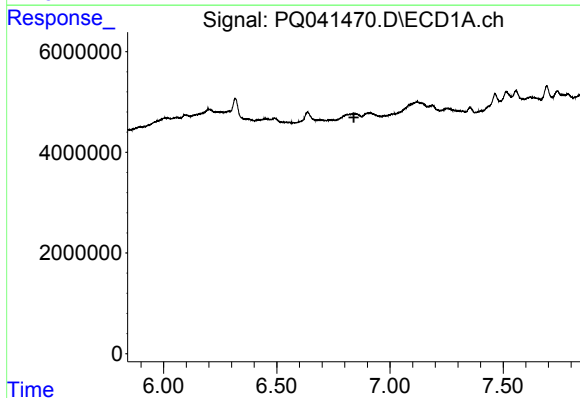
R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENR7



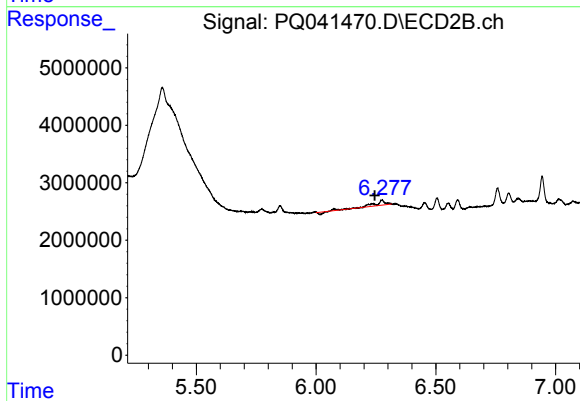
#11 AR-1232-1

R.T.: 5.358 min
Delta R.T.: 0.061 min
Response: 205205669
Conc: 2704.95 ng/ml



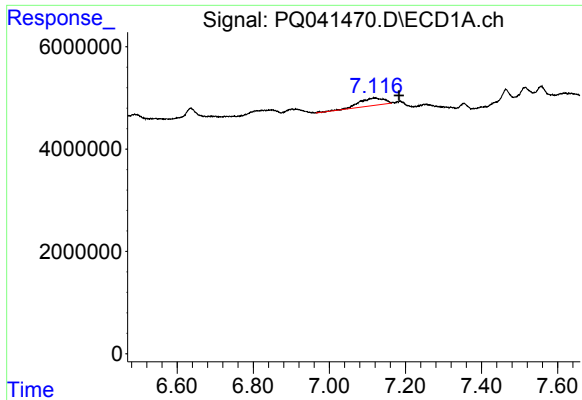
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.841 min
Response: 0
Conc: N.D.



#12 AR-1232-2

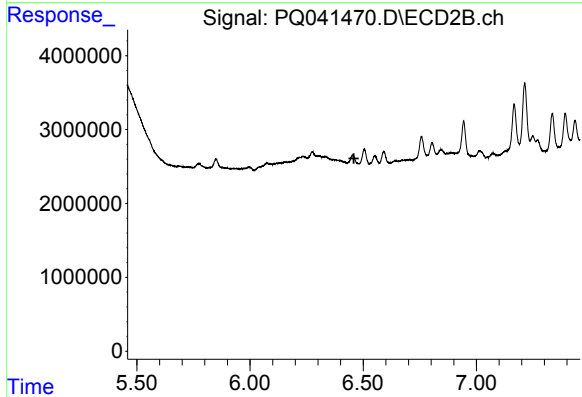
R.T.: 6.275 min
Delta R.T.: 0.030 min
Response: 2237737
Conc: 23.95 ng/ml



#13 AR-1232-3

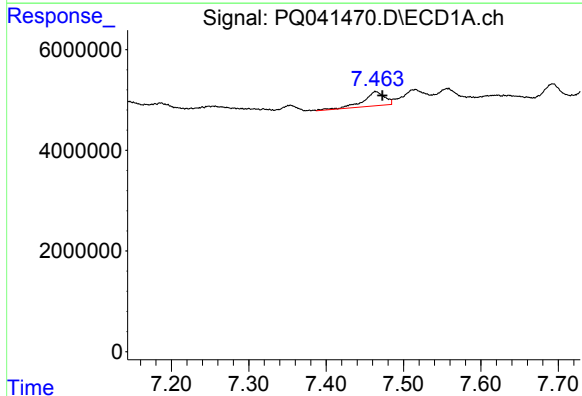
R.T.: 7.122 min
Delta R.T.: -0.062 min
Response: 6634976
Conc: 58.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



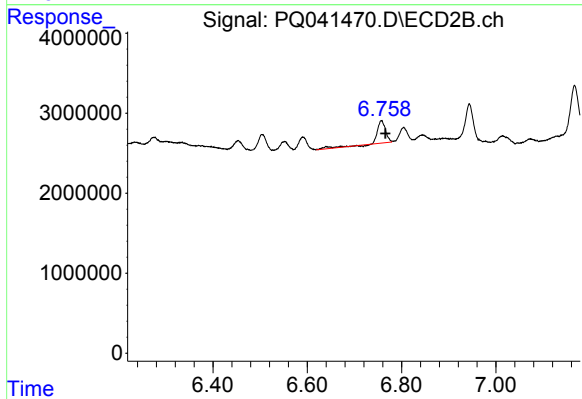
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.459 min
Response: 0
Conc: N.D.



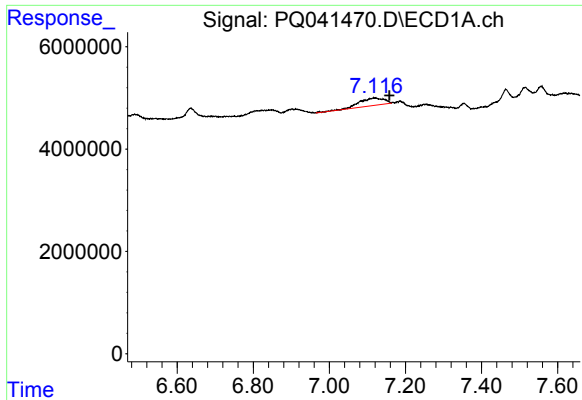
#15 AR-1232-5

R.T.: 7.464 min
Delta R.T.: -0.009 min
Response: 5408235
Conc: 146.55 ng/ml



#15 AR-1232-5

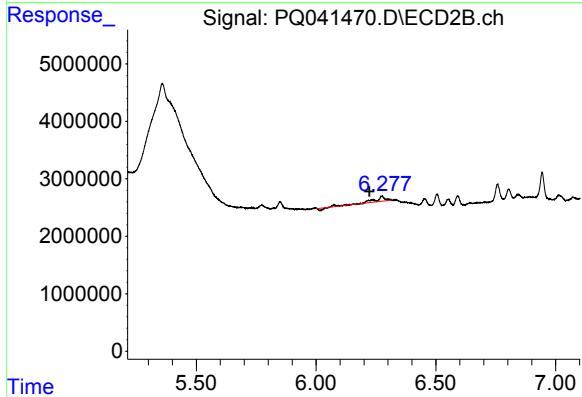
R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 3608065
Conc: 74.59 ng/ml



#16 AR-1242-1

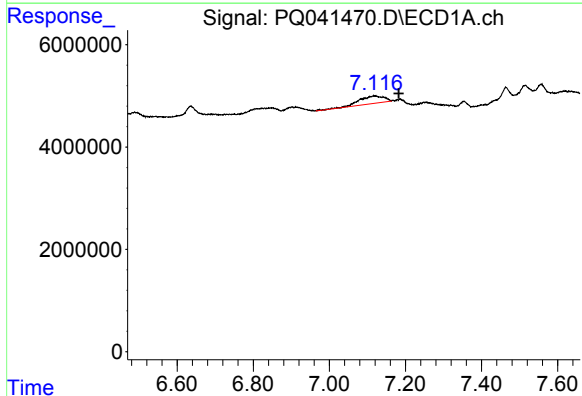
R.T.: 7.122 min
Delta R.T.: -0.037 min
Response: 6634976
Conc: 52.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



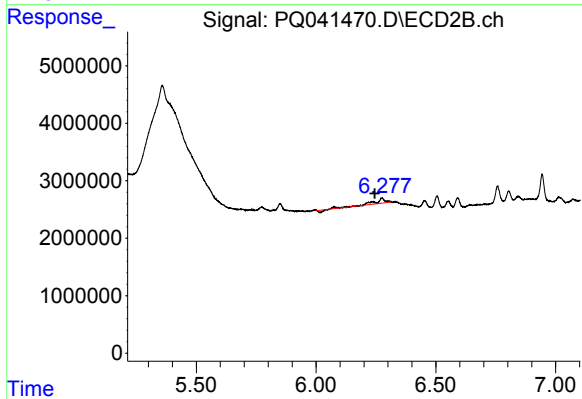
#16 AR-1242-1

R.T.: 6.275 min
Delta R.T.: 0.053 min
Response: 2237737
Conc: 21.20 ng/ml



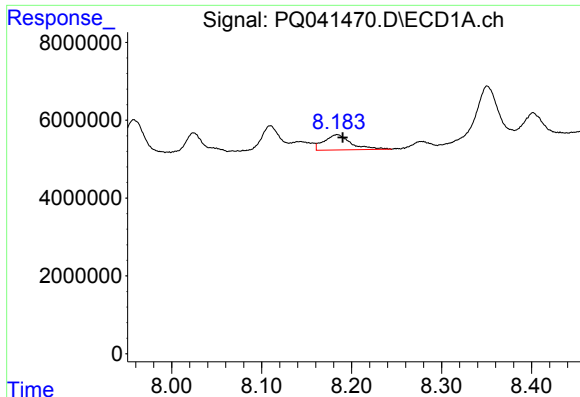
#17 AR-1242-2

R.T.: 7.122 min
Delta R.T.: -0.061 min
Response: 6634976
Conc: 34.84 ng/ml



#17 AR-1242-2

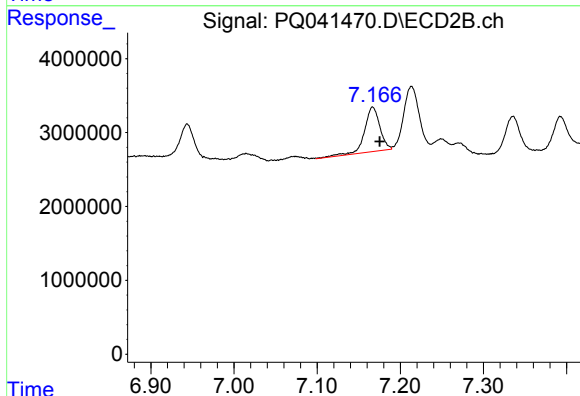
R.T.: 6.275 min
Delta R.T.: 0.030 min
Response: 2237737
Conc: 14.43 ng/ml



#20 AR-1242-5

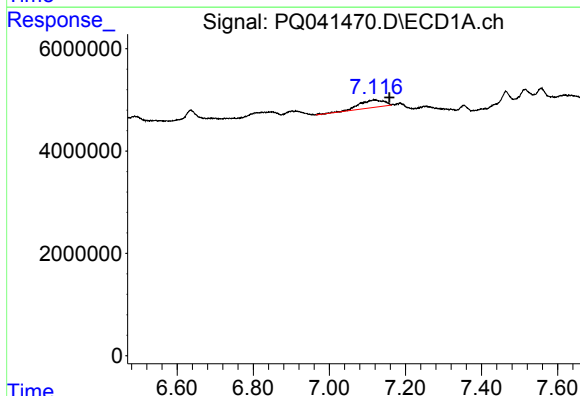
R.T.: 8.184 min
Delta R.T.: -0.006 min
Response: 8096602
Conc: 61.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



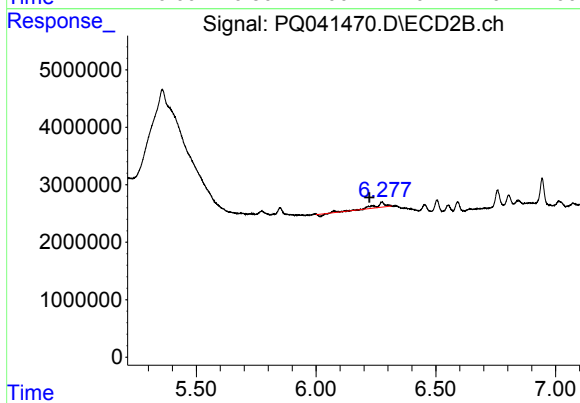
#20 AR-1242-5

R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 7768512
Conc: 62.23 ng/ml



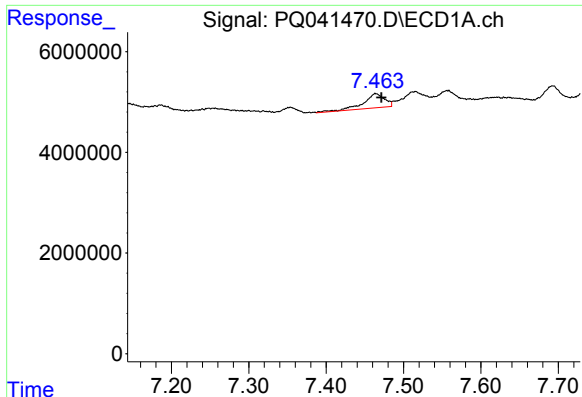
#21 AR-1248-1

R.T.: 7.122 min
Delta R.T.: -0.036 min
Response: 6634976
Conc: 71.53 ng/ml



#21 AR-1248-1

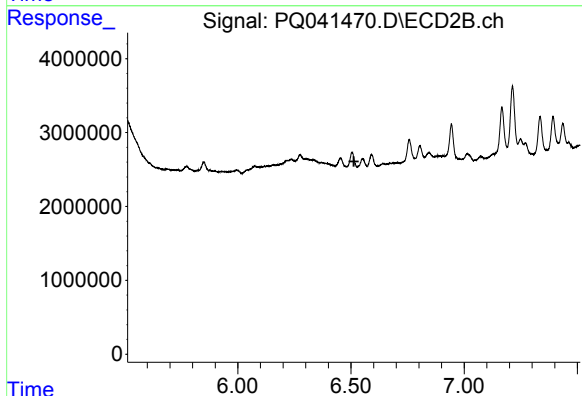
R.T.: 6.275 min
Delta R.T.: 0.053 min
Response: 2237737
Conc: 27.86 ng/ml



#22 AR-1248-2

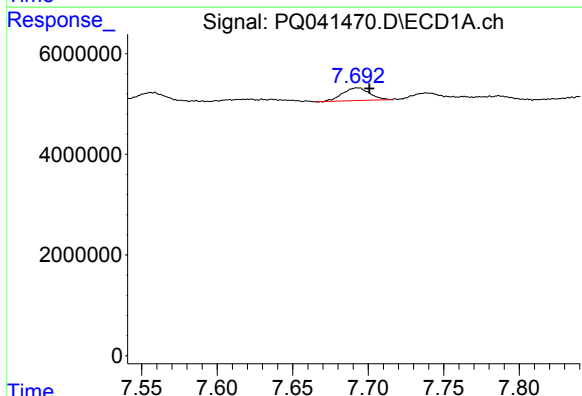
R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 5408235
Conc: 43.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



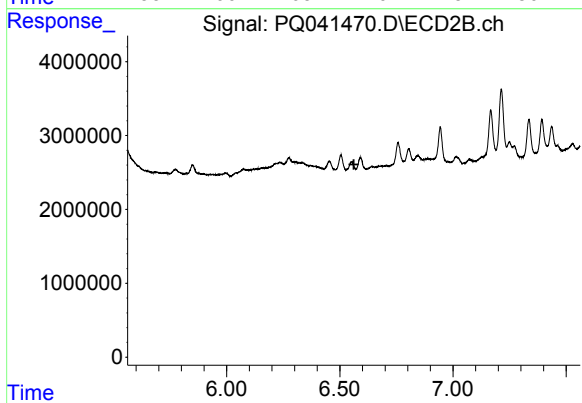
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.513 min
Response: 0
Conc: N.D.



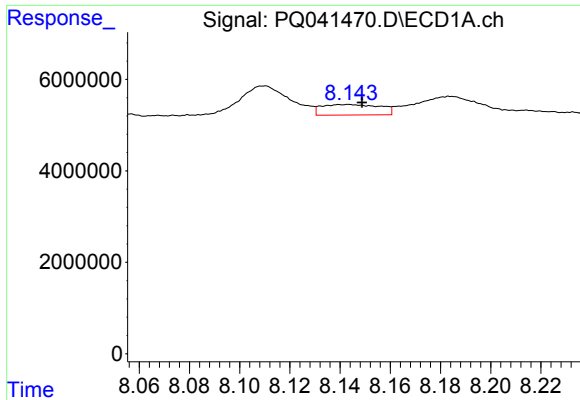
#23 AR-1248-3

R.T.: 7.693 min
Delta R.T.: -0.008 min
Response: 3138811
Conc: 19.99 ng/ml



#23 AR-1248-3

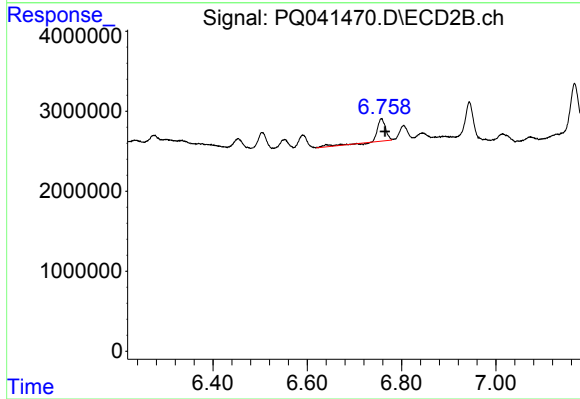
R.T.: 0.000 min
Exp R.T. : 6.562 min
Response: 0
Conc: N.D.



#24 AR-1248-4

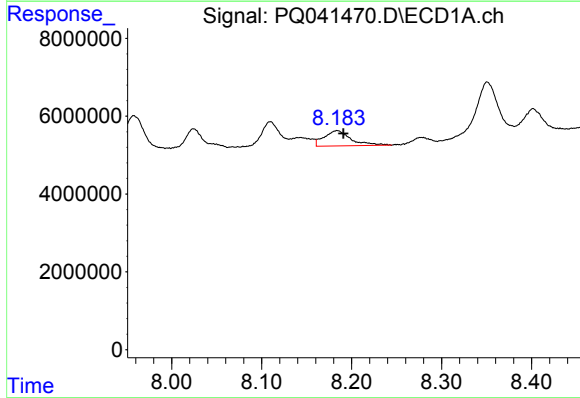
R.T.: 8.143 min
Delta R.T.: -0.006 min
Response: 3711841
Conc: 17.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



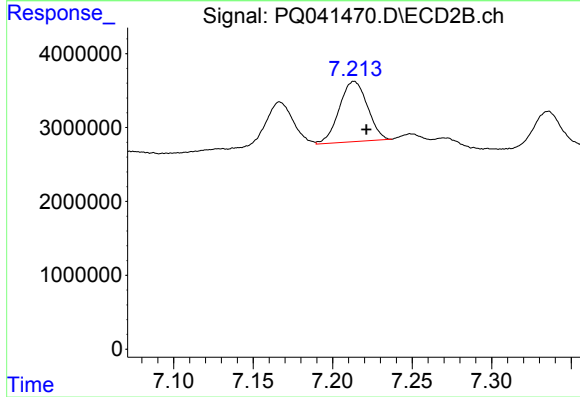
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: -0.008 min
Response: 3608065
Conc: 24.93 ng/ml



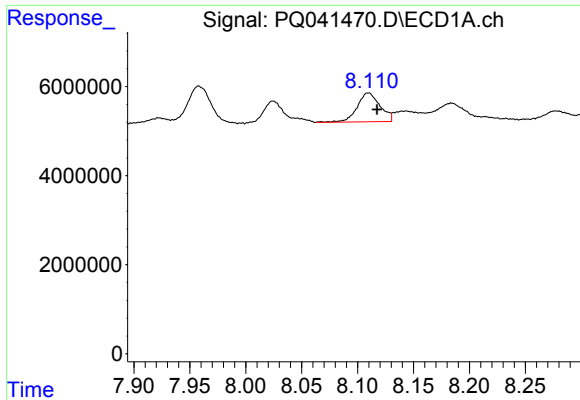
#25 AR-1248-5

R.T.: 8.184 min
Delta R.T.: -0.007 min
Response: 8096602
Conc: 38.02 ng/ml



#25 AR-1248-5

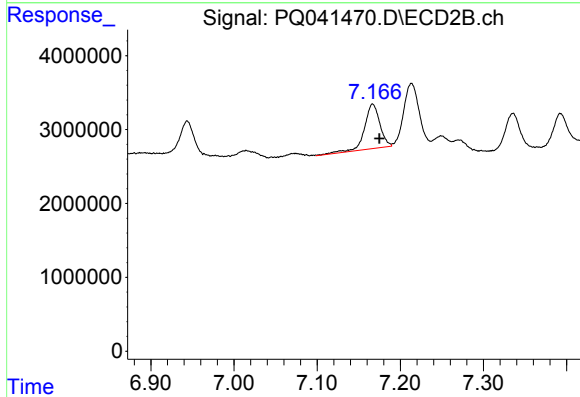
R.T.: 7.213 min
Delta R.T.: -0.008 min
Response: 10084100
Conc: 59.92 ng/ml



#26 AR-1254-1

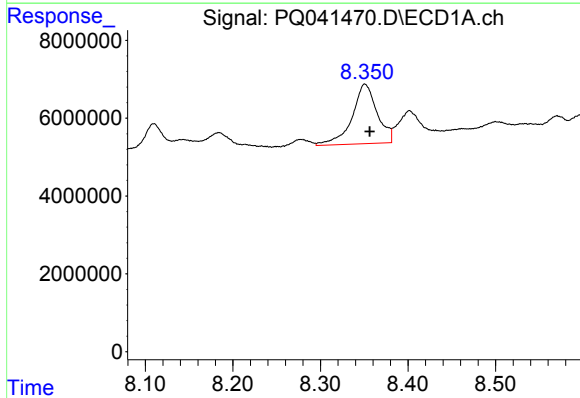
R.T.: 8.110 min
Delta R.T.: -0.008 min
Response: 9251821
Conc: 45.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



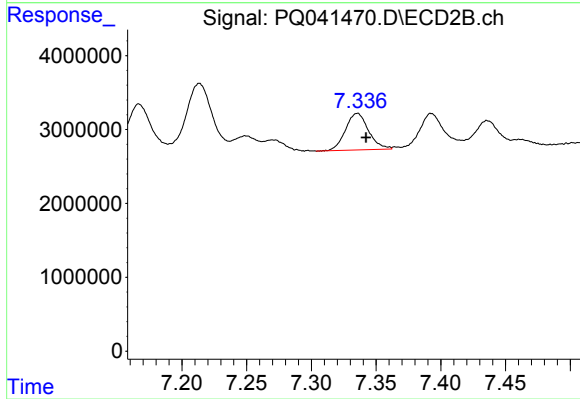
#26 AR-1254-1

R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 7768512
Conc: 30.55 ng/ml



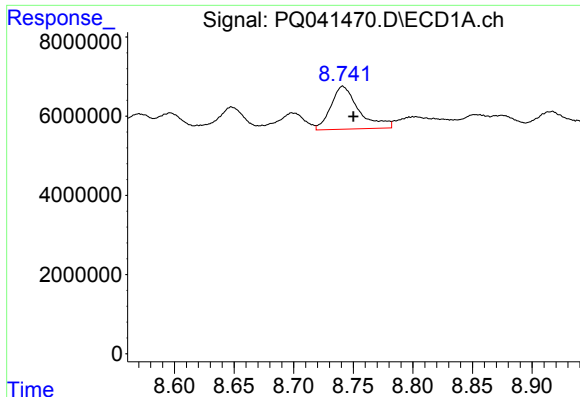
#27 AR-1254-2

R.T.: 8.351 min
Delta R.T.: -0.006 min
Response: 30496519
Conc: 88.29 ng/ml



#27 AR-1254-2

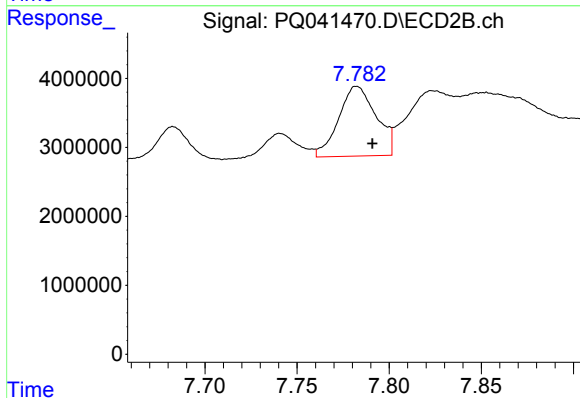
R.T.: 7.335 min
Delta R.T.: -0.007 min
Response: 6154705
Conc: 26.90 ng/ml



#28 AR-1254-3

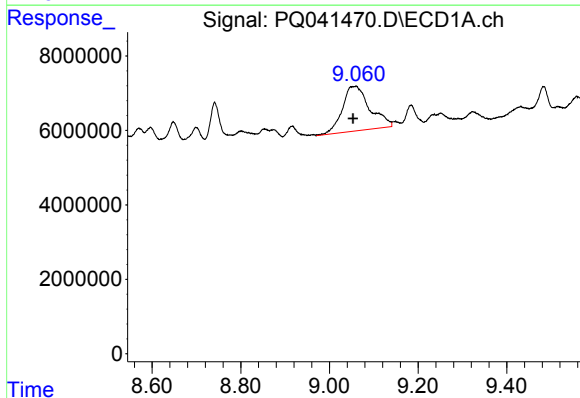
R.T.: 8.741 min
Delta R.T.: -0.009 min
Response: 17682760
Conc: 42.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



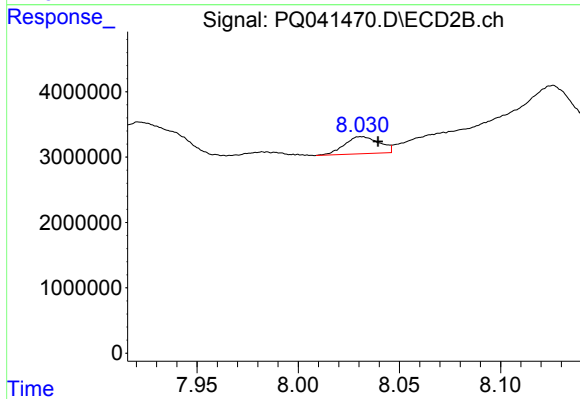
#28 AR-1254-3

R.T.: 7.783 min
Delta R.T.: -0.008 min
Response: 14303540
Conc: 35.24 ng/ml



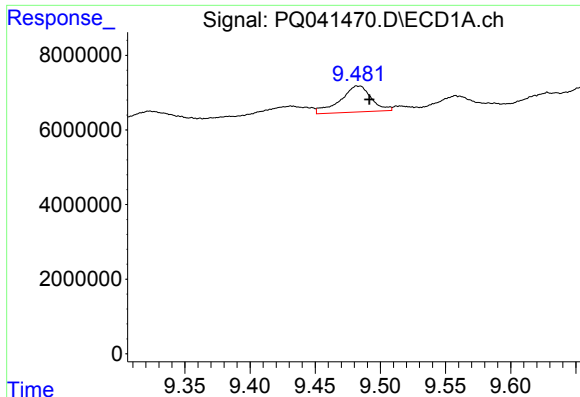
#29 AR-1254-4

R.T.: 9.060 min
Delta R.T.: 0.007 min
Response: 51766080
Conc: 143.03 ng/ml



#29 AR-1254-4

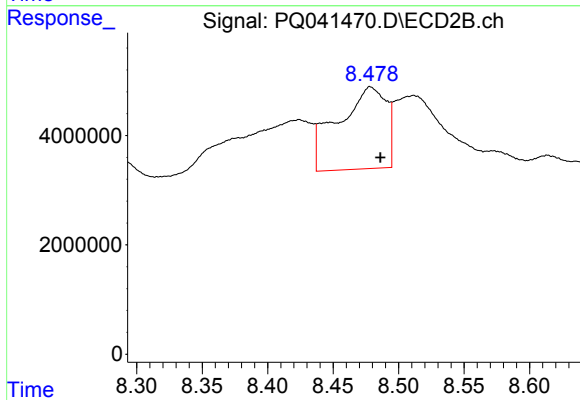
R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 3119602
Conc: 11.42 ng/ml



#30 AR-1254-5

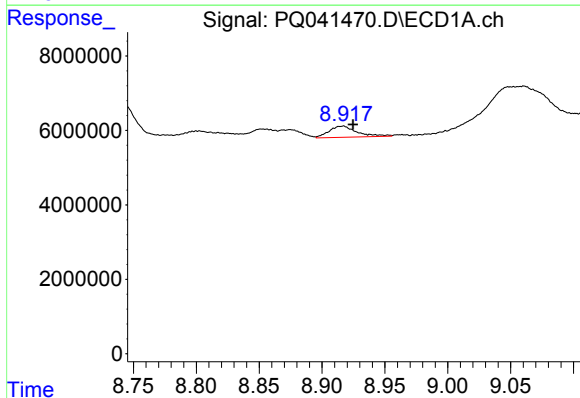
R.T.: 9.483 min
Delta R.T.: -0.009 min
Response: 11613143
Conc: 28.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



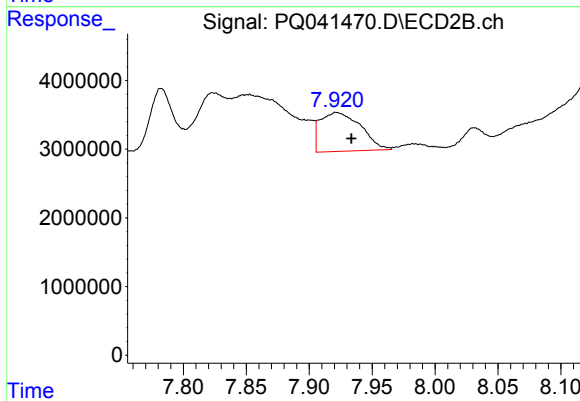
#30 AR-1254-5

R.T.: 8.479 min
Delta R.T.: -0.007 min
Response: 38471740
Conc: 96.35 ng/ml



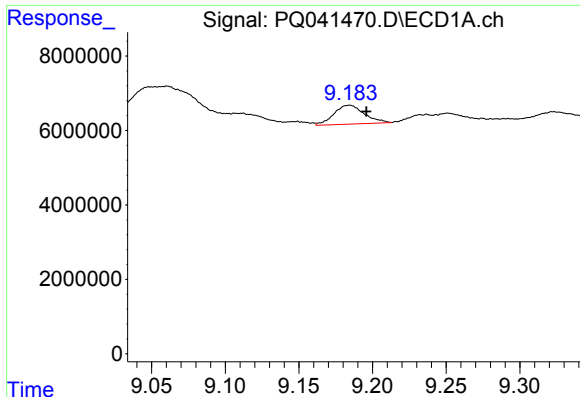
#31 AR-1260-1

R.T.: 8.916 min
Delta R.T.: -0.008 min
Response: 4628206
Conc: 15.32 ng/ml



#31 AR-1260-1

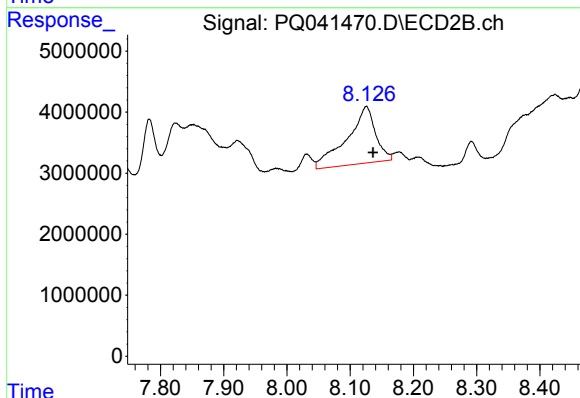
R.T.: 7.922 min
Delta R.T.: -0.011 min
Response: 12738689
Conc: 47.90 ng/ml



#32 AR-1260-2

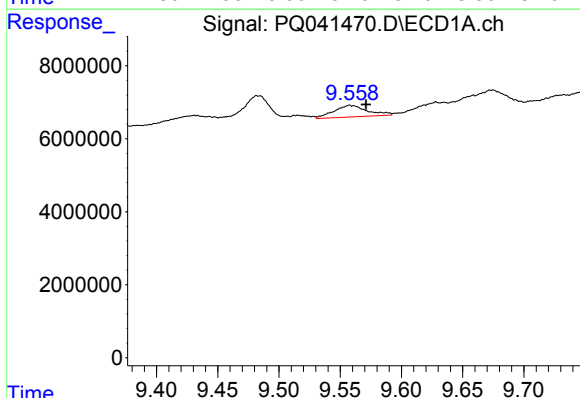
R.T.: 9.184 min
Delta R.T.: -0.012 min
Response: 7366755
Conc: 16.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



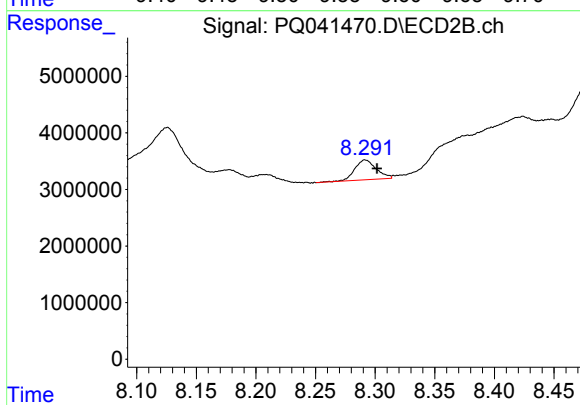
#32 AR-1260-2

R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 29346045
Conc: 80.88 ng/ml



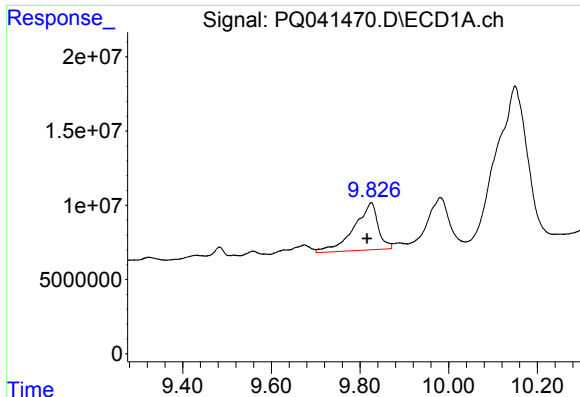
#33 AR-1260-3

R.T.: 9.558 min
Delta R.T.: -0.013 min
Response: 6013253
Conc: 14.16 ng/ml



#33 AR-1260-3

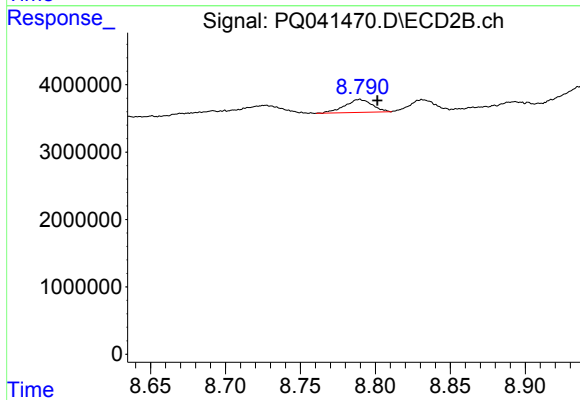
R.T.: 8.292 min
Delta R.T.: -0.010 min
Response: 4360240
Conc: 13.89 ng/ml



#34 AR-1260-4

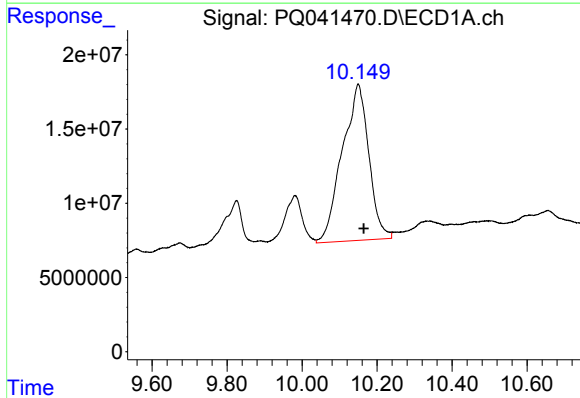
R.T.: 9.825 min
Delta R.T.: 0.010 min
Response: 119475474
Conc: 283.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



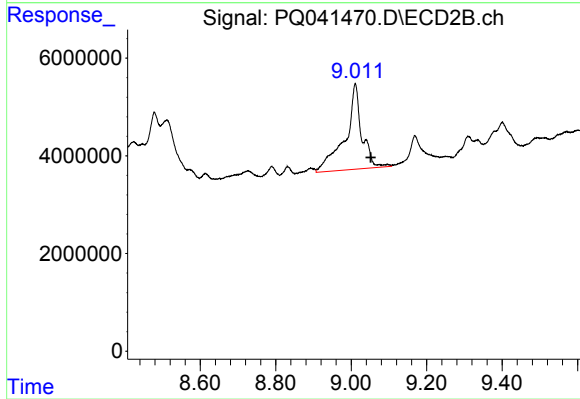
#34 AR-1260-4

R.T.: 8.790 min
Delta R.T.: -0.011 min
Response: 2454385
Conc: 8.62 ng/ml



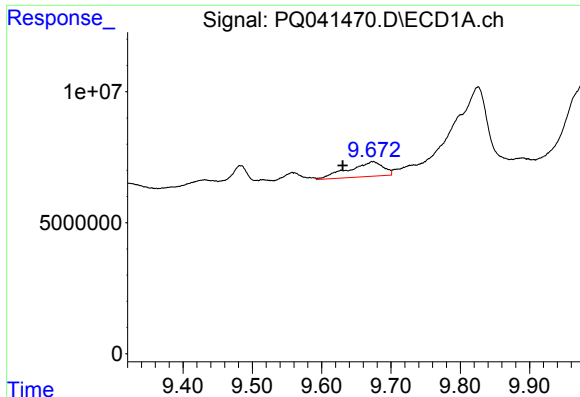
#35 AR-1260-5

R.T.: 10.150 min
Delta R.T.: -0.015 min
Response: 517023463
Conc: 483.84 ng/ml



#35 AR-1260-5

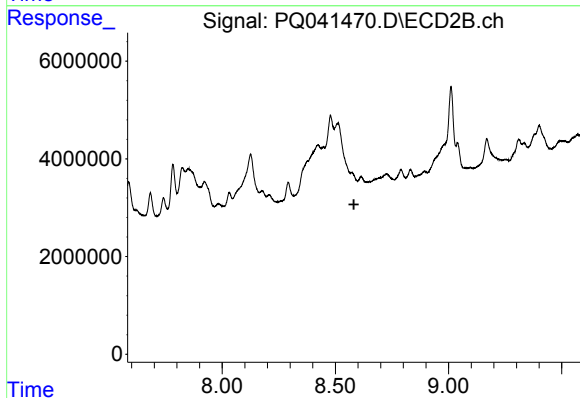
R.T.: 9.011 min
Delta R.T.: -0.041 min
Response: 53486581
Conc: 71.93 ng/ml



#36 AR-1262-1

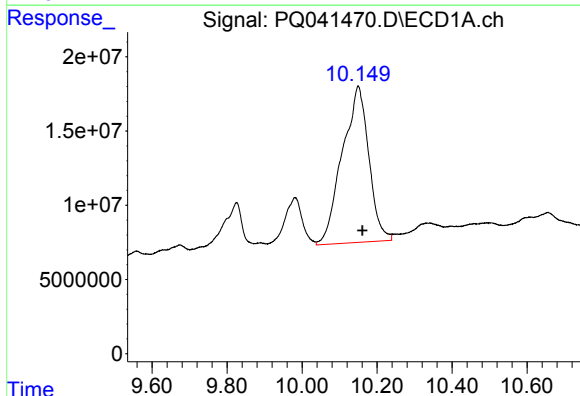
R.T.: 9.674 min
Delta R.T.: 0.043 min
Response: 19490909
Conc: 79.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



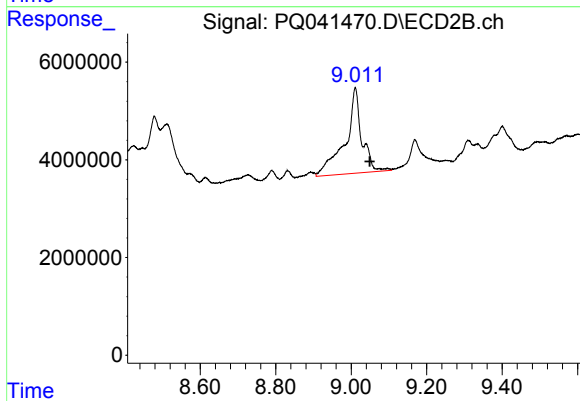
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.582 min
Response: 0
Conc: N.D.



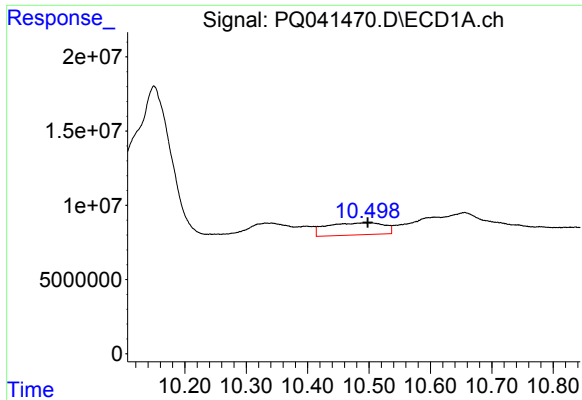
#37 AR-1262-2

R.T.: 10.150 min
Delta R.T.: -0.012 min
Response: 517023463
Conc: 425.73 ng/ml



#37 AR-1262-2

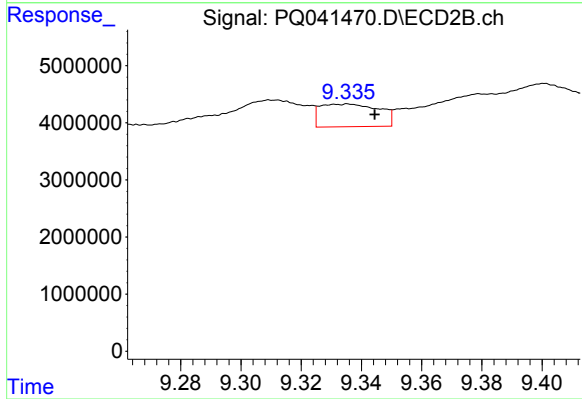
R.T.: 9.011 min
Delta R.T.: -0.039 min
Response: 53486581
Conc: 63.66 ng/ml



#38 AR-1262-3

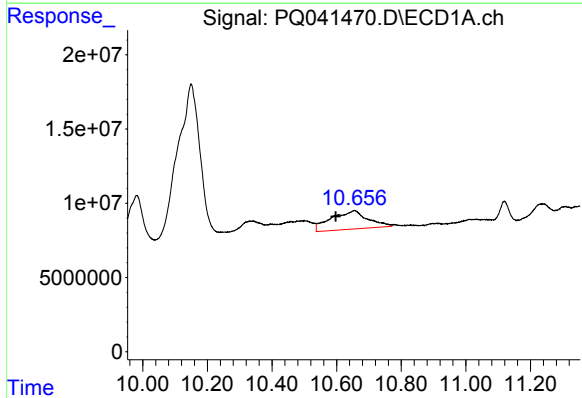
R.T.: 10.499 min
Delta R.T.: 0.002 min
Response: 52919815
Conc: 63.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



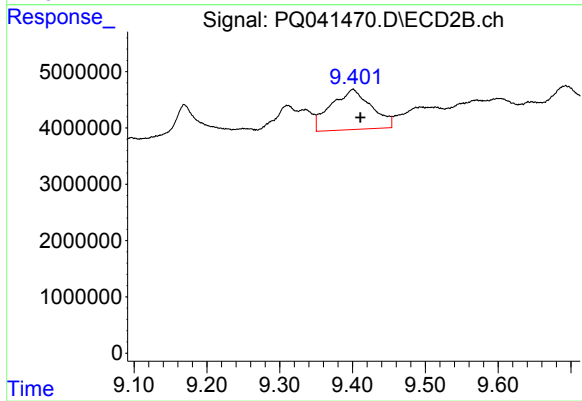
#38 AR-1262-3

R.T.: 9.334 min
Delta R.T.: -0.010 min
Response: 5411291
Conc: 15.39 ng/ml



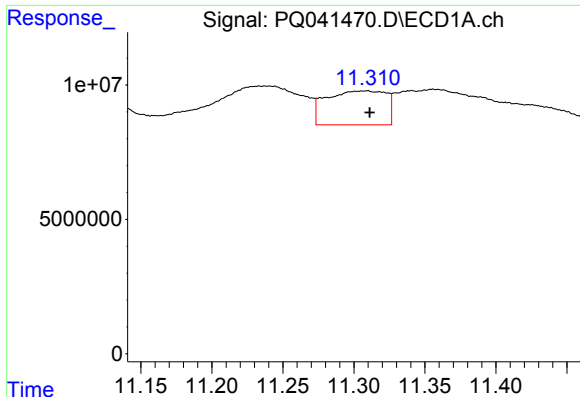
#39 AR-1262-4

R.T.: 10.656 min
Delta R.T.: 0.058 min
Response: 98137092
Conc: 150.64 ng/ml



#39 AR-1262-4

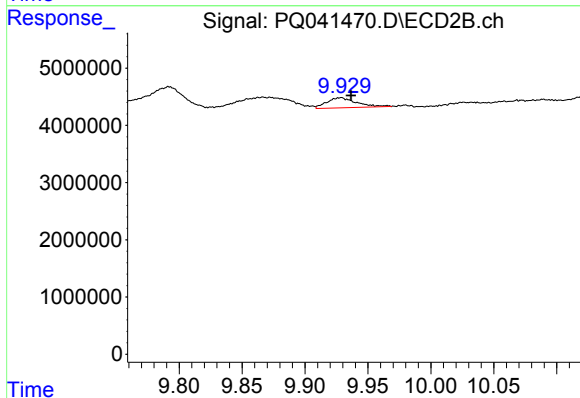
R.T.: 9.401 min
Delta R.T.: -0.010 min
Response: 27547738
Conc: 46.87 ng/ml



#40 AR-1262-5

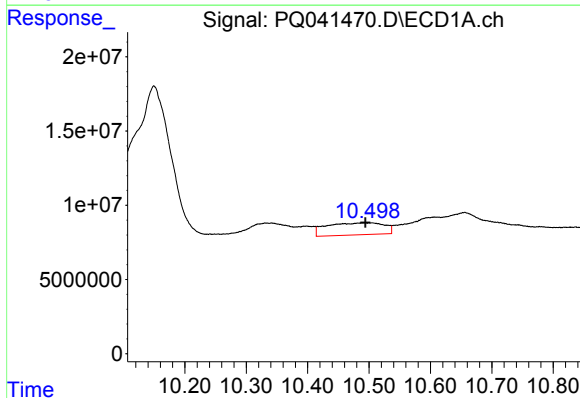
R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 36983464
Conc: 80.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



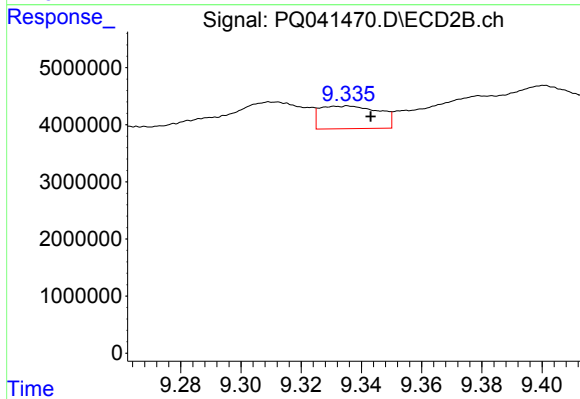
#40 AR-1262-5

R.T.: 9.928 min
Delta R.T.: -0.009 min
Response: 2895403
Conc: 12.07 ng/ml



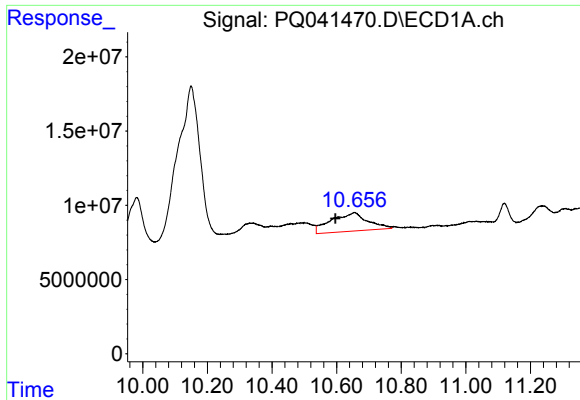
#41 AR-1268-1

R.T.: 10.499 min
Delta R.T.: 0.005 min
Response: 52919815
Conc: 29.32 ng/ml



#41 AR-1268-1

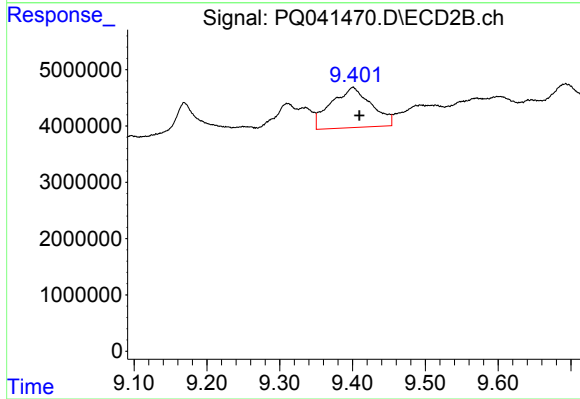
R.T.: 9.334 min
Delta R.T.: -0.009 min
Response: 5411291
Conc: 4.74 ng/ml



#42 AR-1268-2

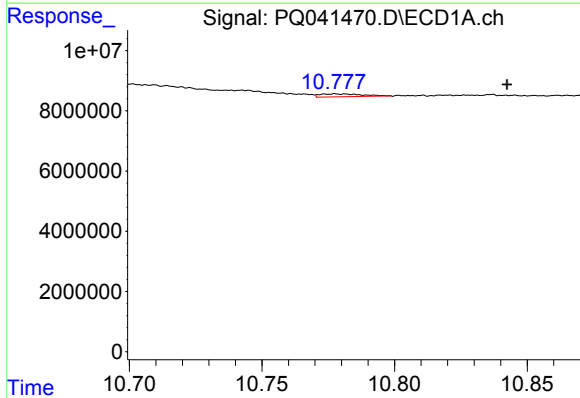
R.T.: 10.656 min
Delta R.T.: 0.059 min
Response: 98137092
Conc: 61.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



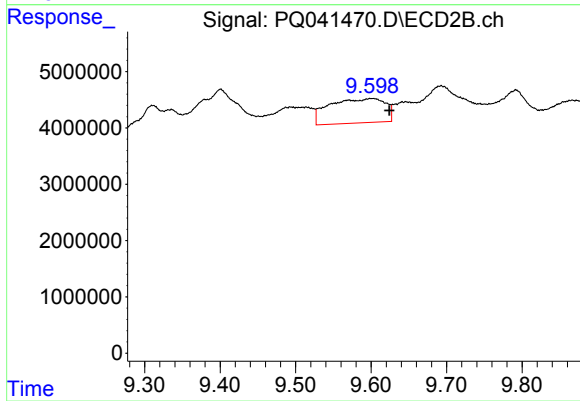
#42 AR-1268-2

R.T.: 9.401 min
Delta R.T.: -0.009 min
Response: 27547738
Conc: 28.35 ng/ml



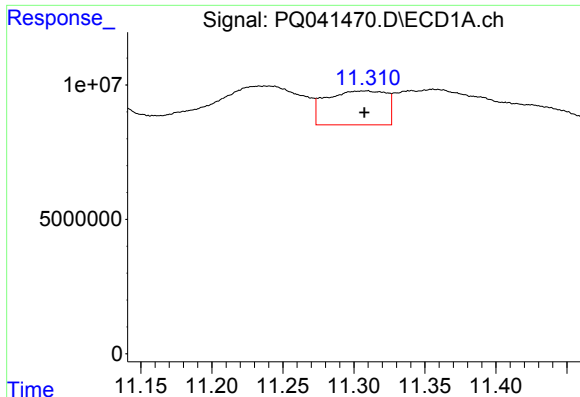
#43 AR-1268-3

R.T.: 10.778 min
Delta R.T.: -0.065 min
Response: 1031708
Conc: 0.73 ng/ml



#43 AR-1268-3

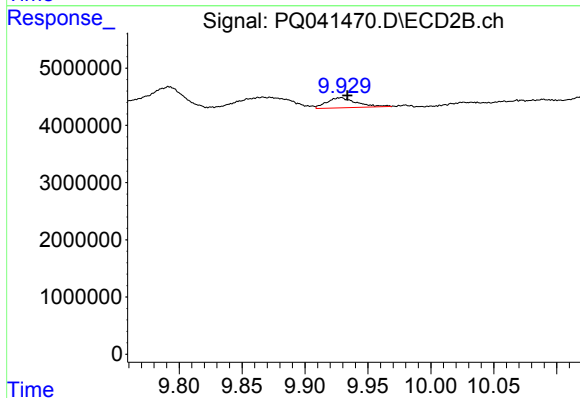
R.T.: 9.601 min
Delta R.T.: -0.023 min
Response: 22374566
Conc: 28.03 ng/ml



#44 AR-1268-4

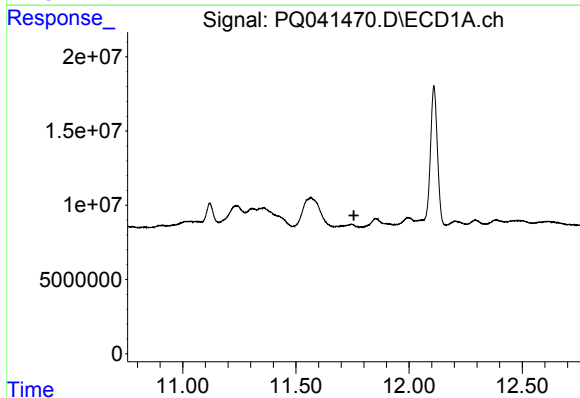
R.T.: 11.309 min
Delta R.T.: 0.002 min
Response: 36983464
Conc: 65.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENR7



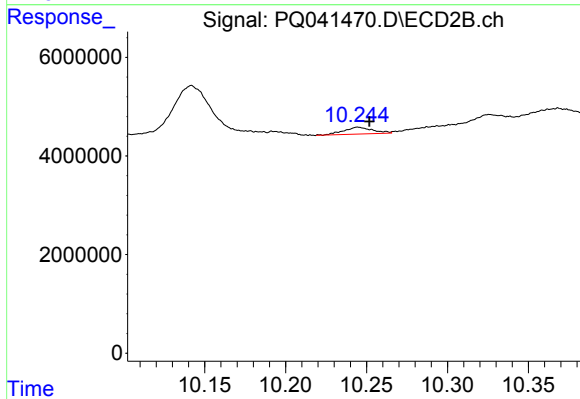
#44 AR-1268-4

R.T.: 9.928 min
Delta R.T.: -0.006 min
Response: 2895403
Conc: 9.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.756 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.245 min
Delta R.T.: -0.007 min
Response: 1743047
Conc: 0.88 ng/ml