

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082619\
 Data File : PQ042933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2019 02:07
 Operator : SM\AJ
 Sample : K4504-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQB1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 08:45:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 2019
 Response via : Initial Calibration
 Integrator: ChemStation

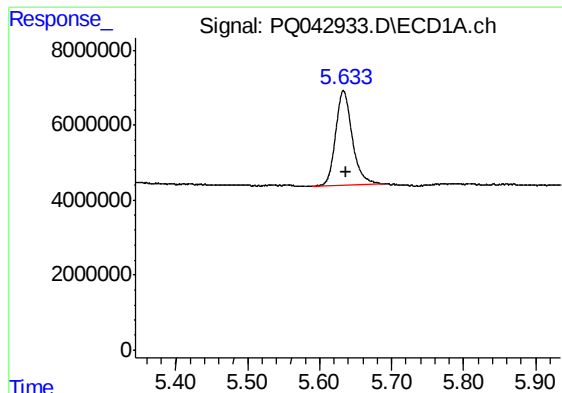
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.633	4.693	40439029	37366090	15.108	16.143
2)	SA Decachlor...	11.986	10.425	243.1E6	193.1E6	28.802	28.751
Target Compounds							
3)	L1 AR-1016-1	7.090	0.000	1294114	0	12.457	N.D. #
4)	L1 AR-1016-2	7.090	0.000	1294114	0	8.117	N.D. #
6)	L1 AR-1016-4	7.255	0.000	3758620	0	46.914	N.D. #
7)	L1 AR-1016-5	7.597	6.632	5391092	15746348	65.810	174.758 #
12)	L3 AR-1232-2	6.749	0.000	329176	0	8.343	N.D. #
13)	L3 AR-1232-3	7.090	0.000	1294114	0	15.604	N.D. #
14)	L3 AR-1232-4	7.255	0.000	3758620	0	87.310	N.D. #
15)	L3 AR-1232-5	7.393	6.632	1997435	15746348	69.819	348.078 #
16)	L4 AR-1242-1	7.090	0.000	1294114	0	12.719	N.D. #
17)	L4 AR-1242-2	7.090	0.000	1294114	0	8.495	N.D. #
19)	L4 AR-1242-4	7.255	0.000	3758620	0	48.827	N.D. #
20)	L4 AR-1242-5	8.072	7.054	25976843	18904629	271.267	165.923 #
21)	L5 AR-1248-1	7.090	0.000	1294114	0	16.371	N.D. #
22)	L5 AR-1248-2	7.393	0.000	1997435	0	17.648	N.D. #
23)	L5 AR-1248-3	7.597	0.000	5391092	0	39.875	N.D. #
24)	L5 AR-1248-4	8.072	6.632	25976843	15746348	160.314	107.518 #
25)	L5 AR-1248-5	8.072	0.000	25976843	0	165.760	N.D. #
26)	L6 AR-1254-1	8.017	7.054	3092710	18904629	18.508	77.083 #
27)	L6 AR-1254-2	8.282	0.000	8095284	0	30.099	N.D. #
28)	L6 AR-1254-3	8.683	0.000	11560691	0	38.385	N.D. #
29)	L6 AR-1254-4	8.950	0.000	2912044	0	12.782	N.D. #
30)	L6 AR-1254-5	9.426	8.443	5704940	19573773	21.065	53.038 #
31)	L7 AR-1260-1	8.838	0.000	8019268	0	44.761	N.D. #
32)	L7 AR-1260-2	9.110	0.000	6809965	0	28.956	N.D. #
33)	L7 AR-1260-3	9.487	0.000	23086920	0	108.042	N.D. #
34)	L7 AR-1260-4	9.745	8.711	14122602	9774836	59.898	45.305
35)	L7 AR-1260-5	10.070	0.000	5206730	0	9.137	N.D. #
36)	L8 AR-1262-1	9.487	8.443	23086920	19573773	57.464	105.671 #
37)	L8 AR-1262-2	10.070	0.000	5206730	0	6.510	N.D. #
38)	L8 AR-1262-3	10.398	9.260	23107019	21301621	39.019	56.858 #
39)	L8 AR-1262-4	10.480	9.327	11277048	9986380	22.643	14.546 #
40)	L8 AR-1262-5	11.195	0.000	5539337	0	14.846	N.D. #
41)	L9 AR-1268-1	10.398	9.260	23107019	21301621	21.502	19.903
42)	L9 AR-1268-2	10.480	9.327	11277048	9986380	10.747	9.719
43)	L9 AR-1268-3	10.738	9.538	32715002	29184078	34.171	33.084
44)	L9 AR-1268-4	11.195	0.000	5539337	0	13.809	N.D. #
45)	L9 AR-1268-5	11.631	10.155	91048527	76535420	27.274	27.372

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

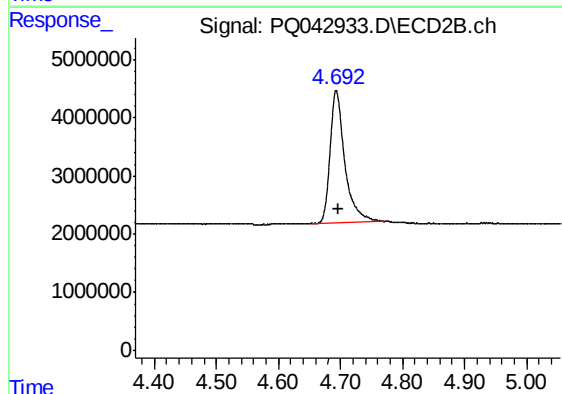
Instrument :
ECD_Q
ClientSampleId :
ETQB1



#1 Tetrachloro-m-xylene

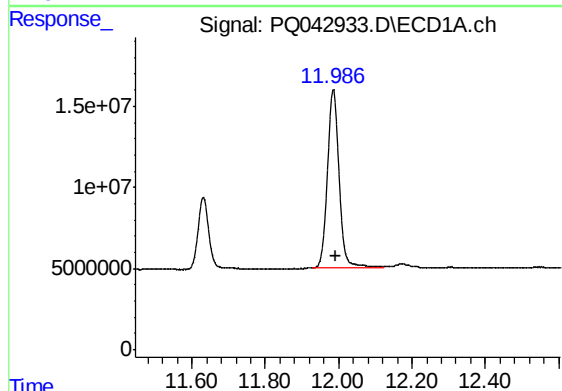
R.T.: 5.633 min
Delta R.T.: -0.003 min
Response: 40439029
Conc: 15.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



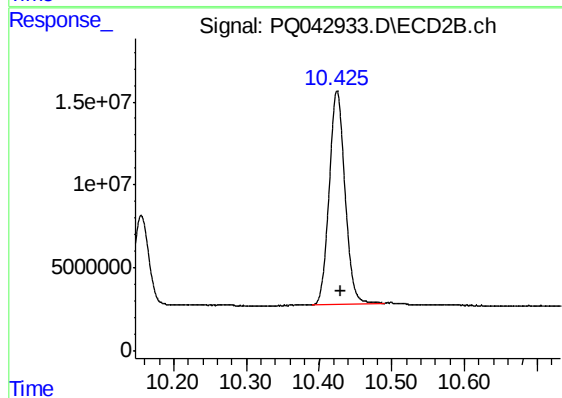
#1 Tetrachloro-m-xylene

R.T.: 4.693 min
Delta R.T.: -0.003 min
Response: 37366090
Conc: 16.14 ng/ml



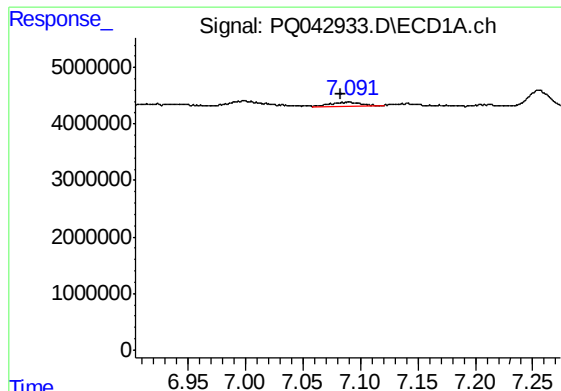
#2 Decachlorobiphenyl

R.T.: 11.986 min
Delta R.T.: -0.008 min
Response: 243147975
Conc: 28.80 ng/ml



#2 Decachlorobiphenyl

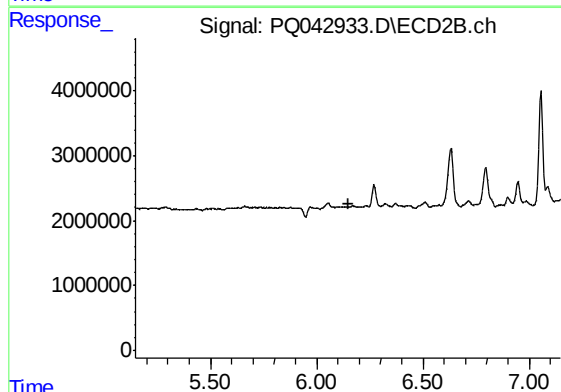
R.T.: 10.425 min
Delta R.T.: -0.006 min
Response: 193144892
Conc: 28.75 ng/ml



#3 AR-1016-1

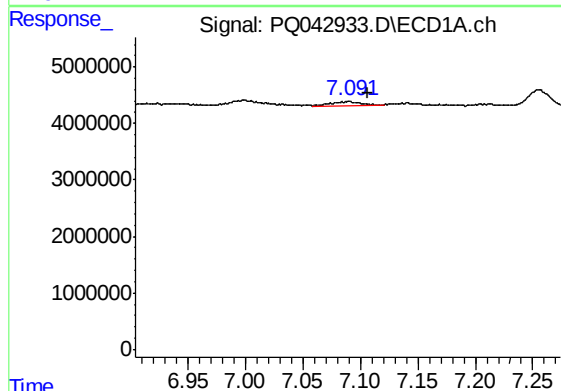
R.T.: 7.090 min
Delta R.T.: 0.008 min
Response: 1294114
Conc: 12.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



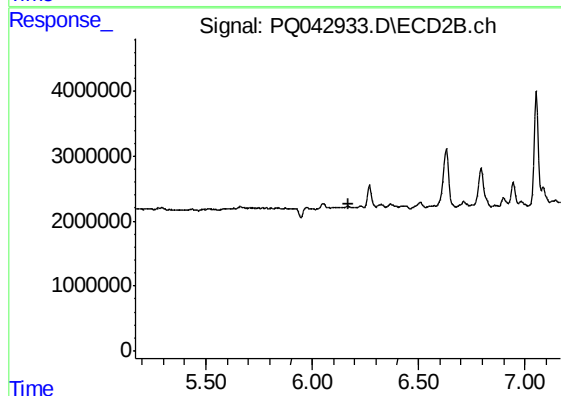
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.147 min
Response: 0
Conc: N.D.



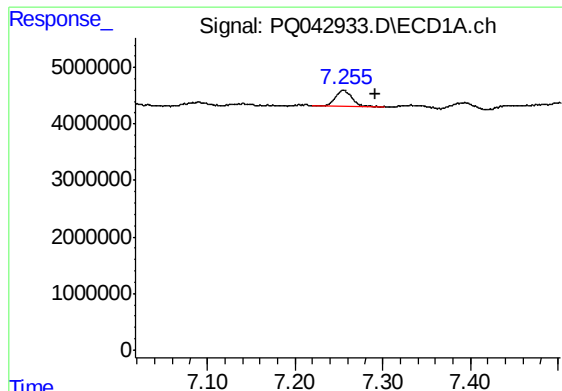
#4 AR-1016-2

R.T.: 7.090 min
Delta R.T.: -0.016 min
Response: 1294114
Conc: 8.12 ng/ml



#4 AR-1016-2

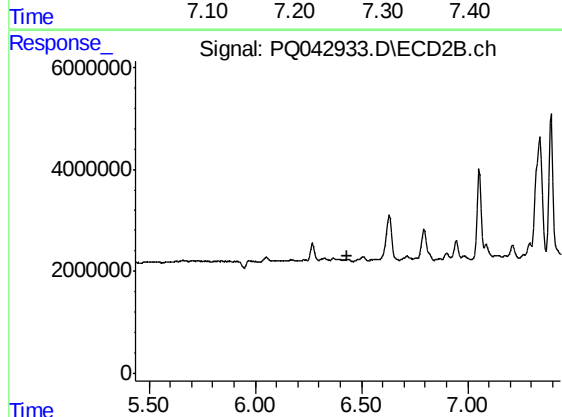
R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



#6 AR-1016-4

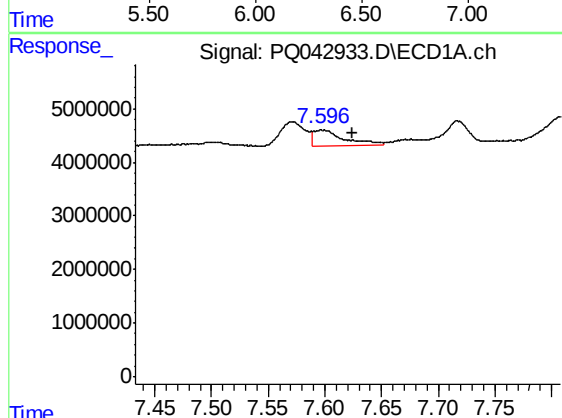
R.T.: 7.255 min
Delta R.T.: -0.036 min
Response: 3758620
Conc: 46.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



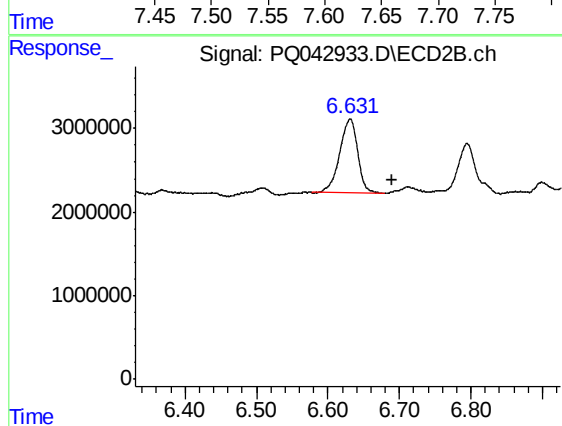
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.437 min
Response: 0
Conc: N.D.



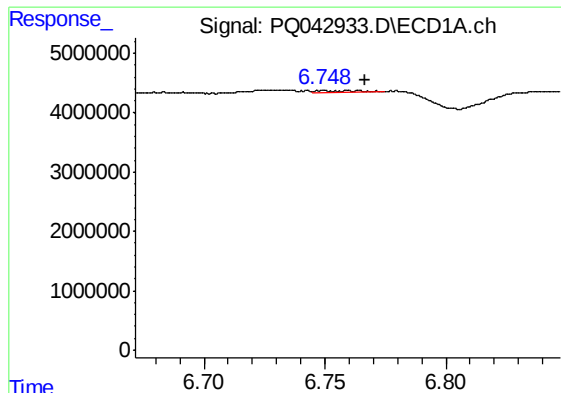
#7 AR-1016-5

R.T.: 7.597 min
Delta R.T.: -0.028 min
Response: 5391092
Conc: 65.81 ng/ml



#7 AR-1016-5

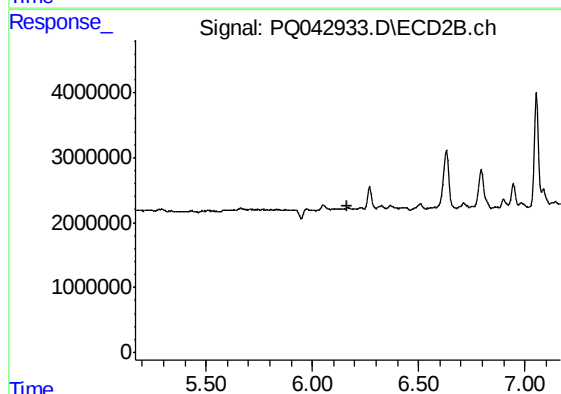
R.T.: 6.632 min
Delta R.T.: -0.058 min
Response: 15746348
Conc: 174.76 ng/ml



#12 AR-1232-2

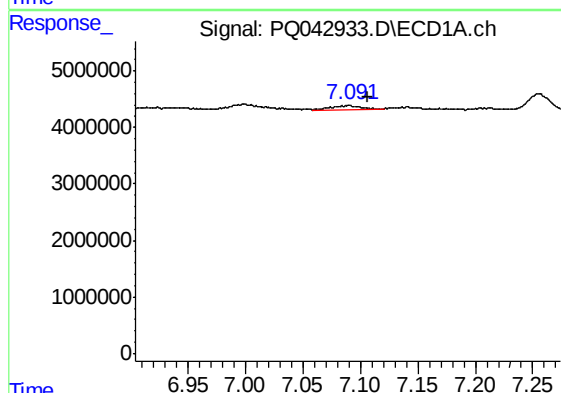
R.T.: 6.749 min
Delta R.T.: -0.018 min
Response: 329176
Conc: 8.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



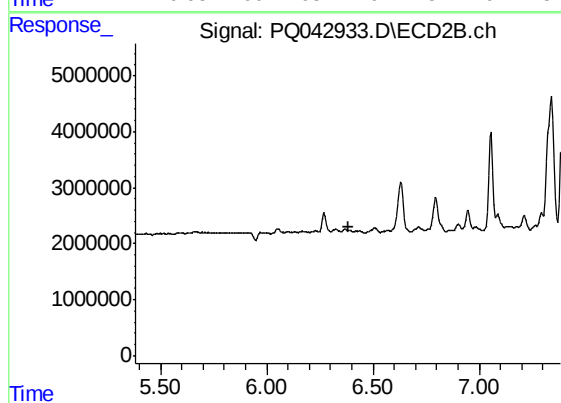
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



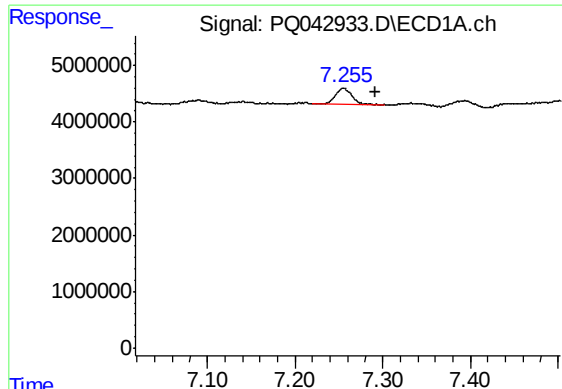
#13 AR-1232-3

R.T.: 7.090 min
Delta R.T.: -0.016 min
Response: 1294114
Conc: 15.60 ng/ml



#13 AR-1232-3

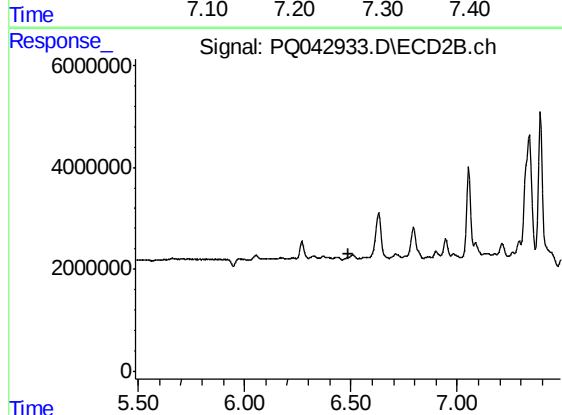
R.T.: 0.000 min
Exp R.T. : 6.382 min
Response: 0
Conc: N.D.



#14 AR-1232-4

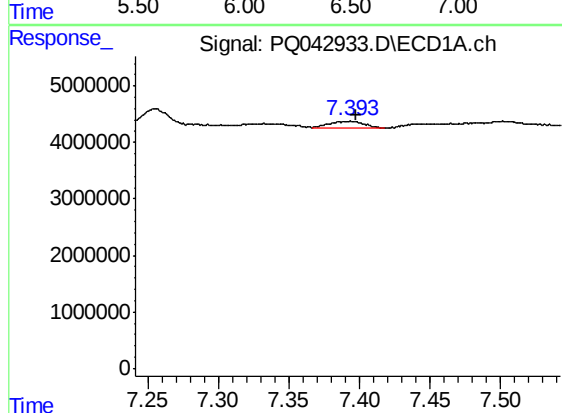
R.T.: 7.255 min
Delta R.T.: -0.036 min
Response: 3758620
Conc: 87.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



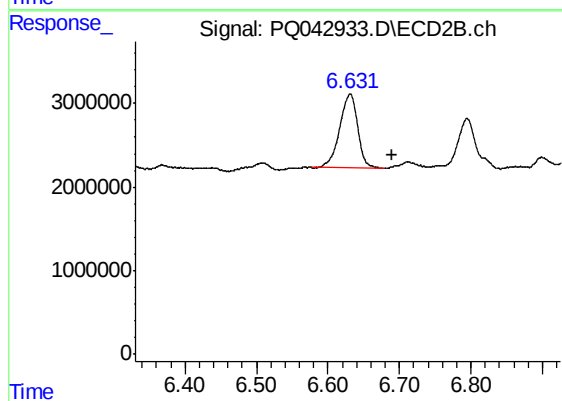
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.486 min
Response: 0
Conc: N.D.



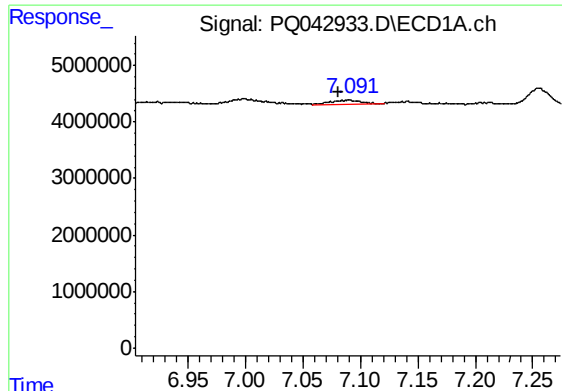
#15 AR-1232-5

R.T.: 7.393 min
Delta R.T.: -0.005 min
Response: 1997435
Conc: 69.82 ng/ml



#15 AR-1232-5

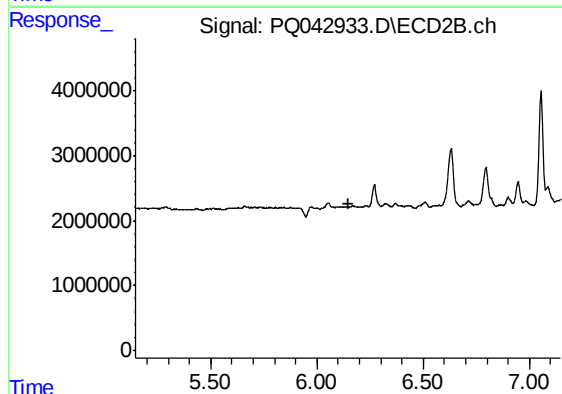
R.T.: 6.632 min
Delta R.T.: -0.058 min
Response: 15746348
Conc: 348.08 ng/ml



#16 AR-1242-1

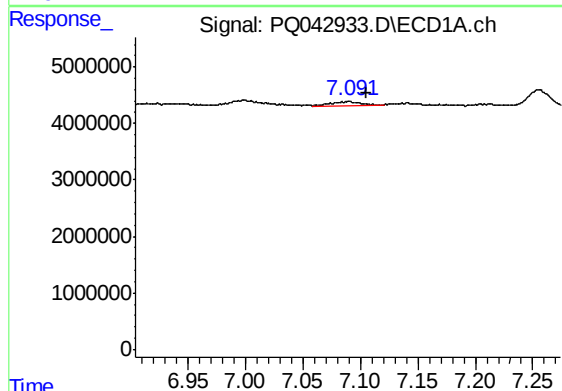
R.T.: 7.090 min
Delta R.T.: 0.009 min
Response: 1294114
Conc: 12.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



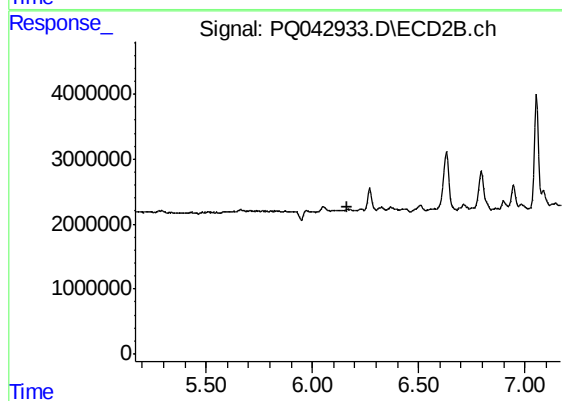
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.146 min
Response: 0
Conc: N.D.



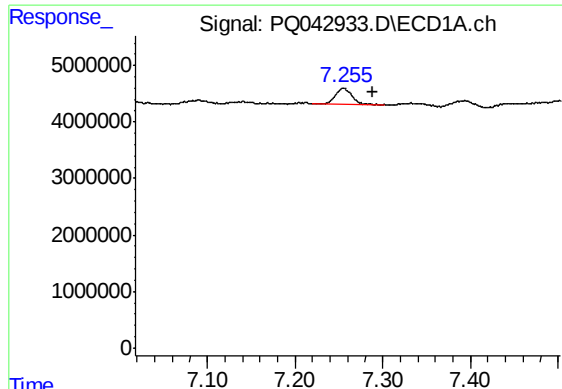
#17 AR-1242-2

R.T.: 7.090 min
Delta R.T.: -0.015 min
Response: 1294114
Conc: 8.50 ng/ml



#17 AR-1242-2

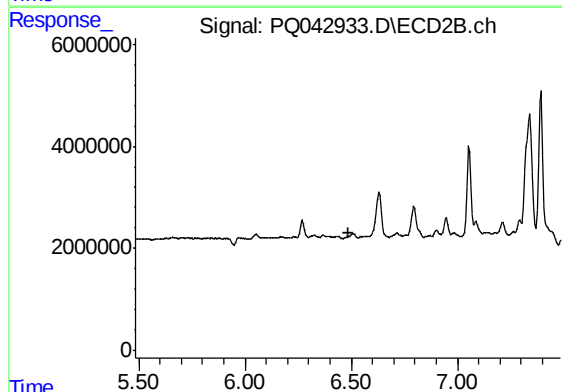
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.



#19 AR-1242-4

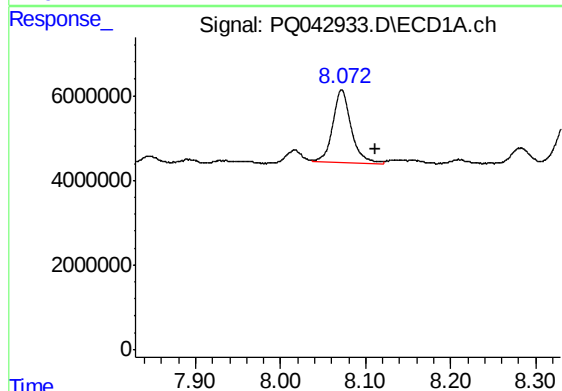
R.T.: 7.255 min
Delta R.T.: -0.033 min
Response: 3758620
Conc: 48.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



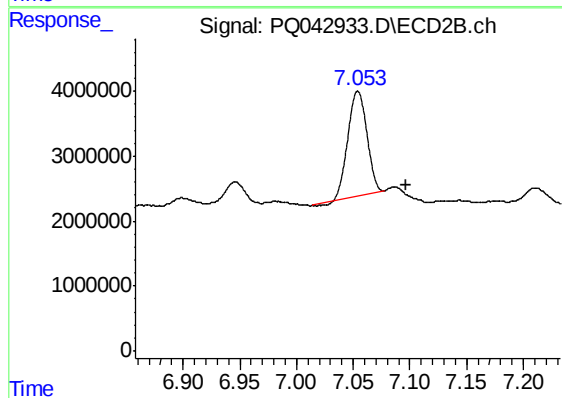
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.485 min
Response: 0
Conc: N.D.



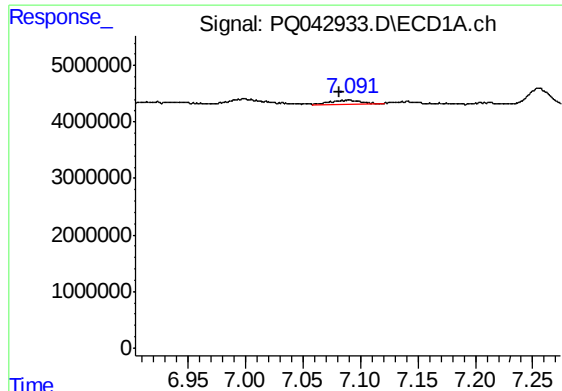
#20 AR-1242-5

R.T.: 8.072 min
Delta R.T.: -0.040 min
Response: 25976843
Conc: 271.27 ng/ml



#20 AR-1242-5

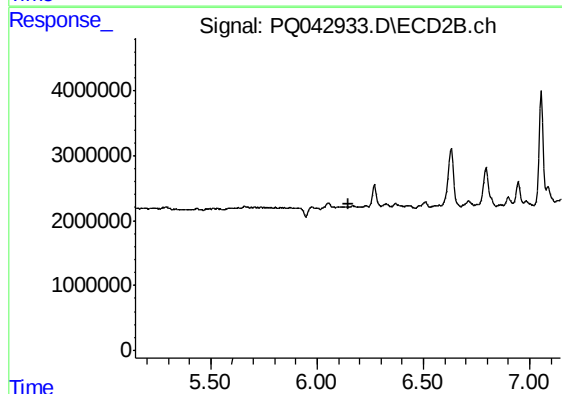
R.T.: 7.054 min
Delta R.T.: -0.043 min
Response: 18904629
Conc: 165.92 ng/ml



#21 AR-1248-1

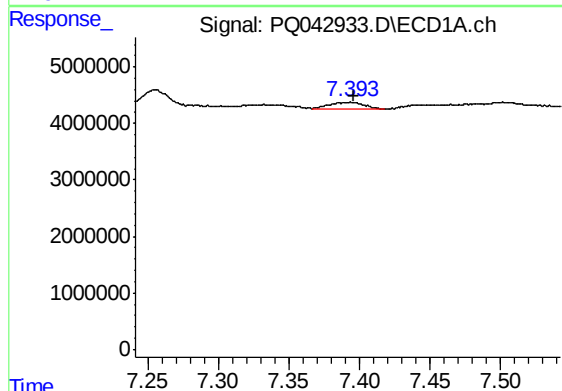
R.T.: 7.090 min
Delta R.T.: 0.008 min
Response: 1294114
Conc: 16.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



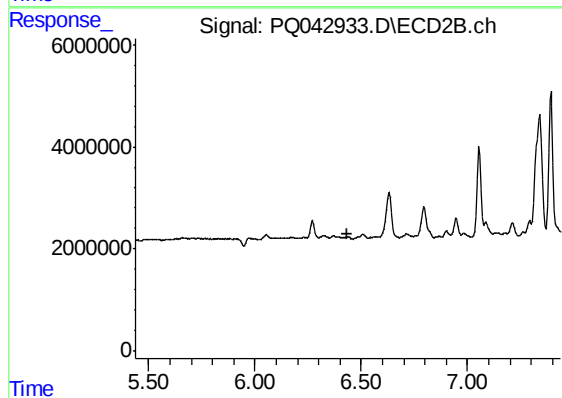
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.145 min
Response: 0
Conc: N.D.



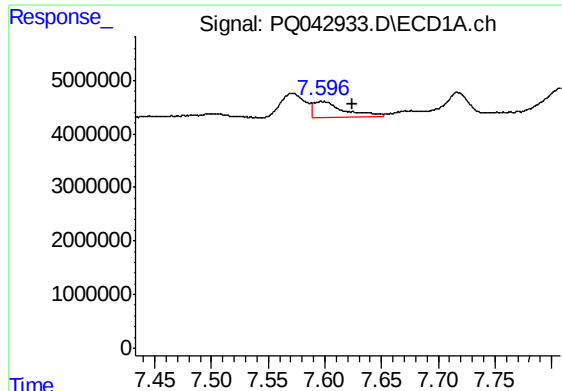
#22 AR-1248-2

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 1997435
Conc: 17.65 ng/ml



#22 AR-1248-2

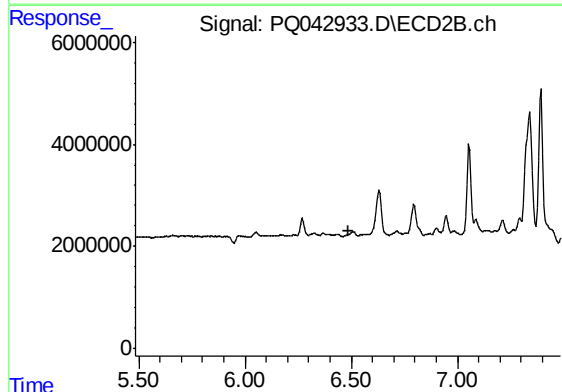
R.T.: 0.000 min
Exp R.T. : 6.437 min
Response: 0
Conc: N.D.



#23 AR-1248-3

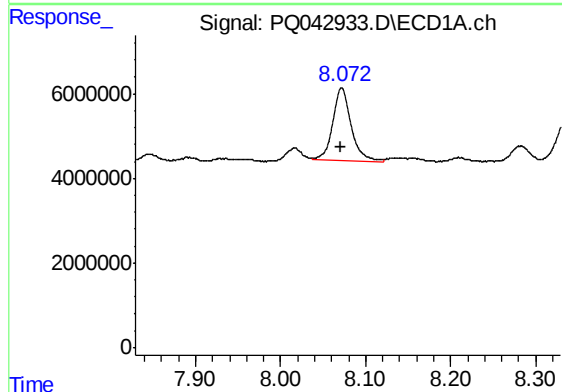
R.T.: 7.597 min
Delta R.T.: -0.027 min
Response: 5391092
Conc: 39.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



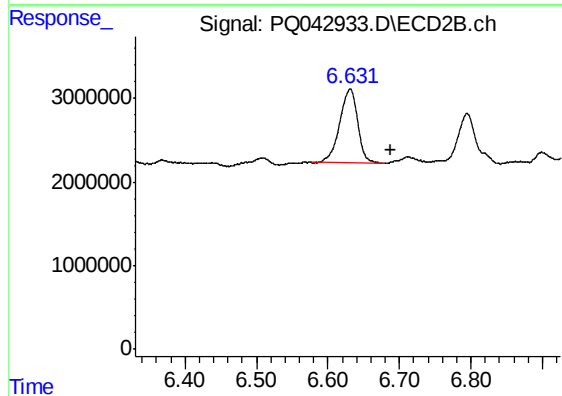
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.485 min
Response: 0
Conc: N.D.



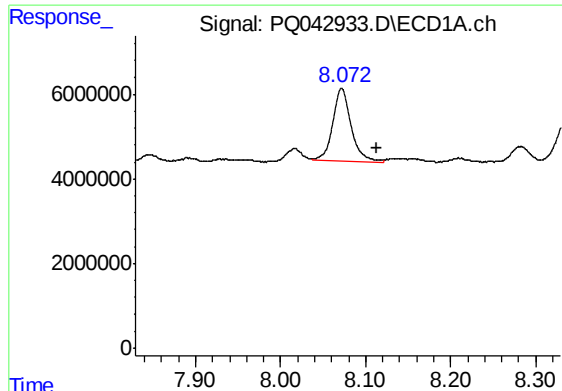
#24 AR-1248-4

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 25976843
Conc: 160.31 ng/ml



#24 AR-1248-4

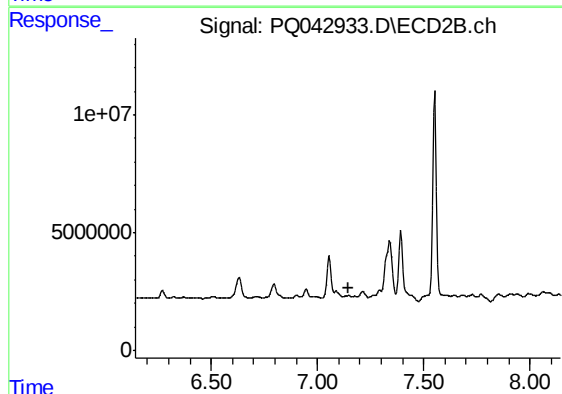
R.T.: 6.632 min
Delta R.T.: -0.057 min
Response: 15746348
Conc: 107.52 ng/ml



#25 AR-1248-5

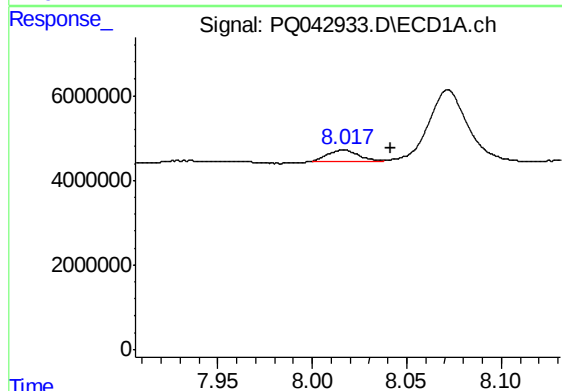
R.T.: 8.072 min
Delta R.T.: -0.041 min
Response: 25976843
Conc: 165.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



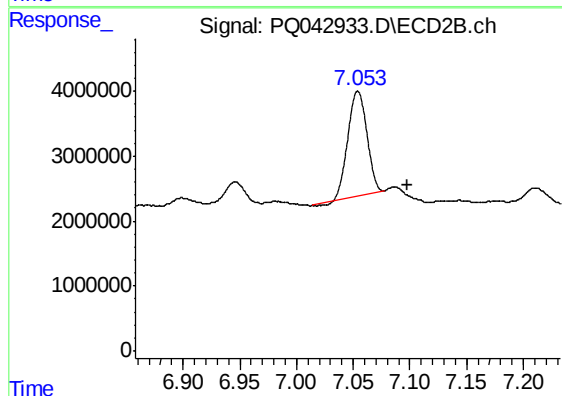
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.143 min
Response: 0
Conc: N.D.



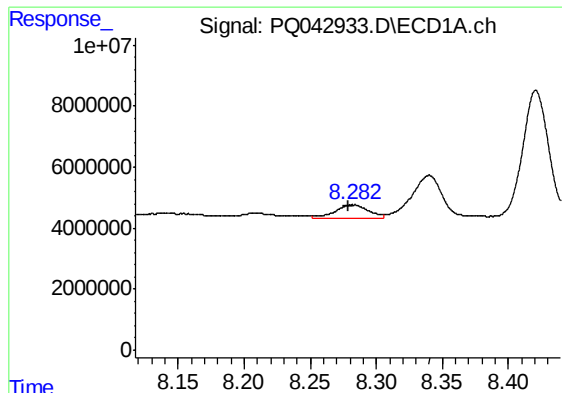
#26 AR-1254-1

R.T.: 8.017 min
Delta R.T.: -0.025 min
Response: 3092710
Conc: 18.51 ng/ml



#26 AR-1254-1

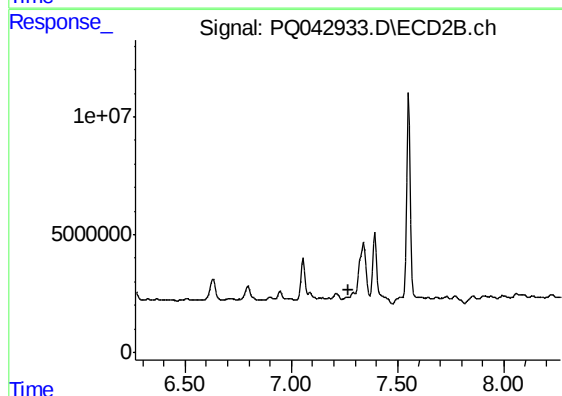
R.T.: 7.054 min
Delta R.T.: -0.043 min
Response: 18904629
Conc: 77.08 ng/ml



#27 AR-1254-2

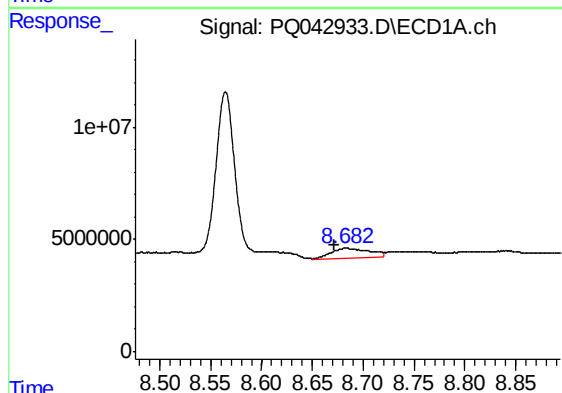
R.T.: 8.282 min
Delta R.T.: 0.003 min
Response: 8095284
Conc: 30.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



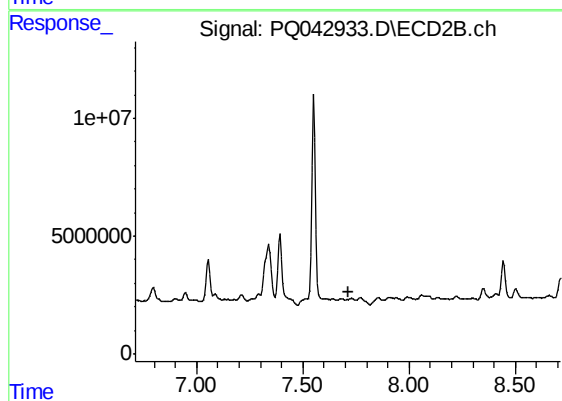
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 7.266 min
Response: 0
Conc: N.D.



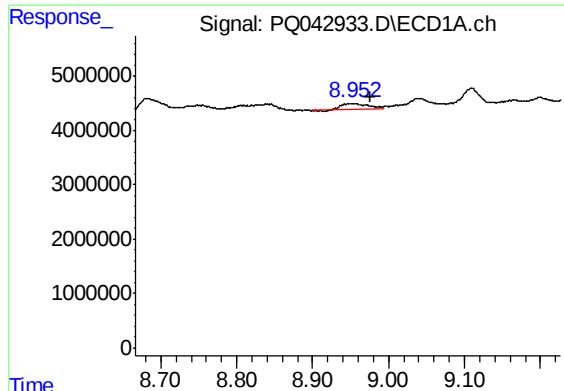
#28 AR-1254-3

R.T.: 8.683 min
Delta R.T.: 0.011 min
Response: 11560691
Conc: 38.38 ng/ml



#28 AR-1254-3

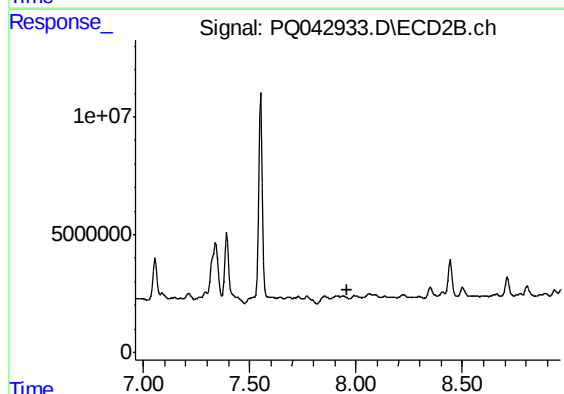
R.T.: 0.000 min
Exp R.T. : 7.712 min
Response: 0
Conc: N.D.



#29 AR-1254-4

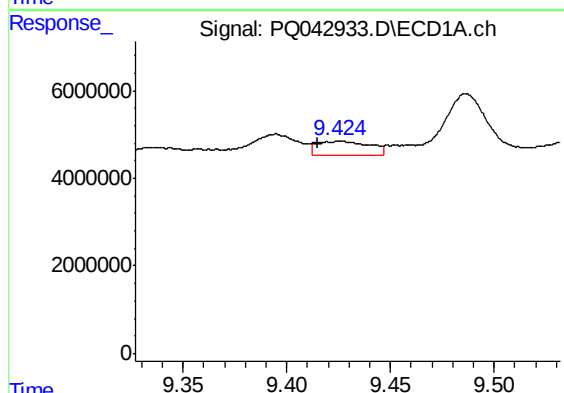
R.T.: 8.950 min
Delta R.T.: -0.026 min
Response: 2912044
Conc: 12.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



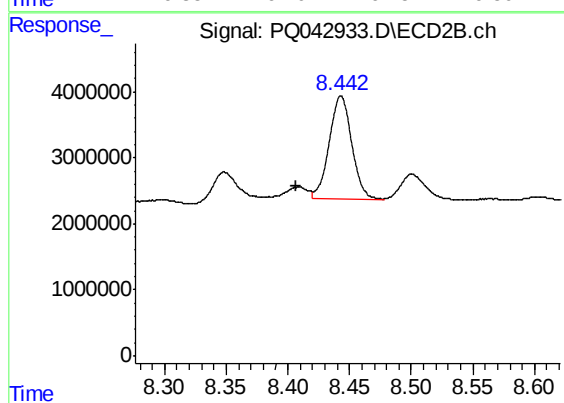
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.962 min
Response: 0
Conc: N.D.



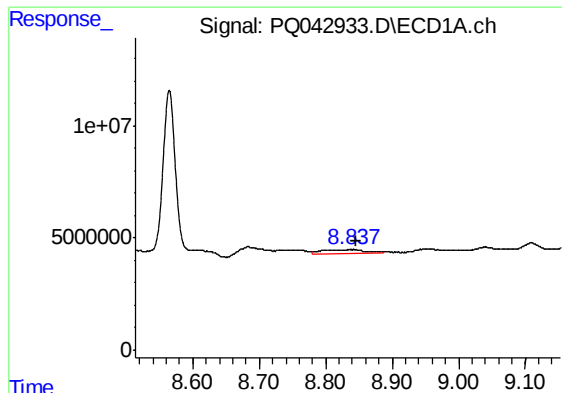
#30 AR-1254-5

R.T.: 9.426 min
Delta R.T.: 0.011 min
Response: 5704940
Conc: 21.07 ng/ml



#30 AR-1254-5

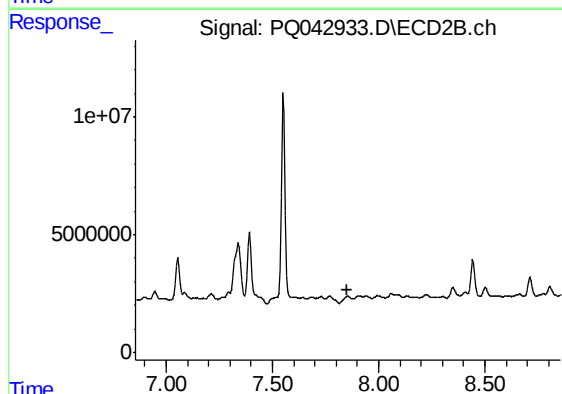
R.T.: 8.443 min
Delta R.T.: 0.036 min
Response: 19573773
Conc: 53.04 ng/ml



#31 AR-1260-1

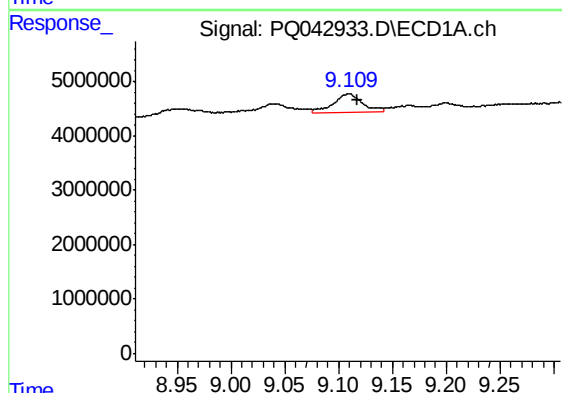
R.T.: 8.838 min
Delta R.T.: -0.007 min
Response: 8019268
Conc: 44.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



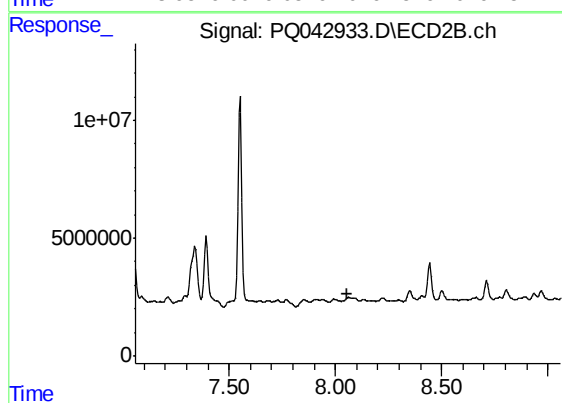
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.855 min
Response: 0
Conc: N.D.



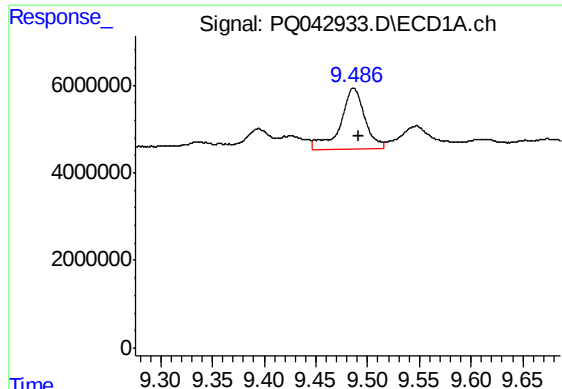
#32 AR-1260-2

R.T.: 9.110 min
Delta R.T.: -0.008 min
Response: 6809965
Conc: 28.96 ng/ml



#32 AR-1260-2

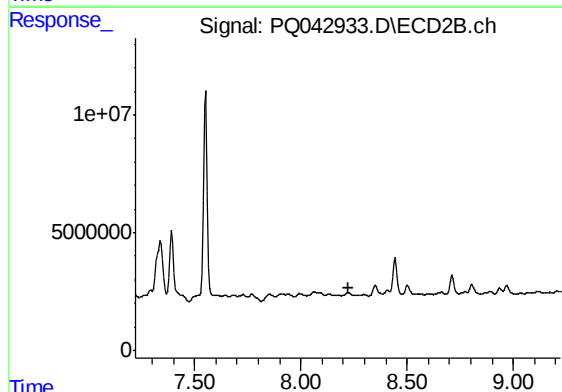
R.T.: 0.000 min
Exp R.T. : 8.059 min
Response: 0
Conc: N.D.



#33 AR-1260-3

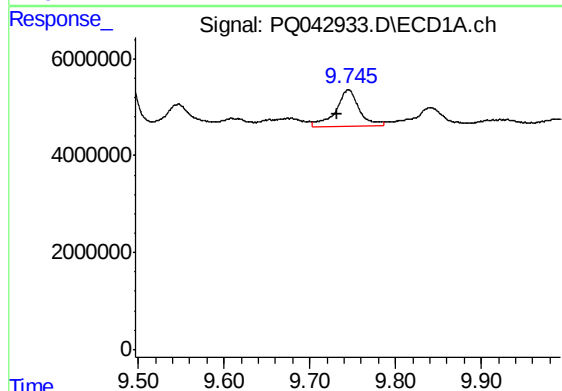
R.T.: 9.487 min
Delta R.T.: -0.005 min
Response: 23086920
Conc: 108.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



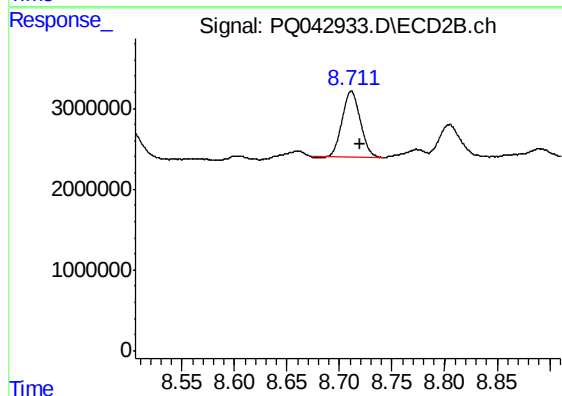
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.222 min
Response: 0
Conc: N.D.



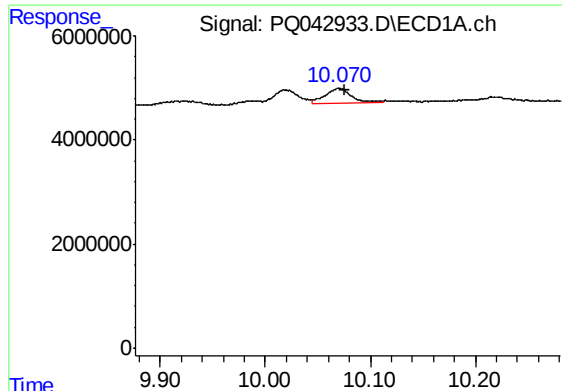
#34 AR-1260-4

R.T.: 9.745 min
Delta R.T.: 0.014 min
Response: 14122602
Conc: 59.90 ng/ml



#34 AR-1260-4

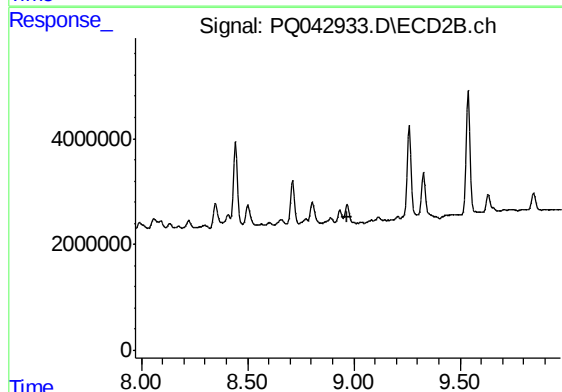
R.T.: 8.711 min
Delta R.T.: -0.009 min
Response: 9774836
Conc: 45.31 ng/ml



#35 AR-1260-5

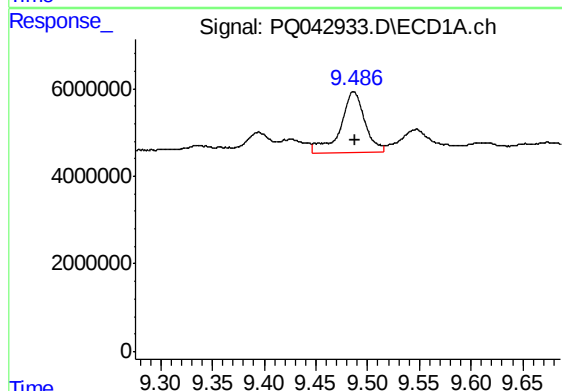
R.T.: 10.070 min
Delta R.T.: -0.005 min
Response: 5206730
Conc: 9.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



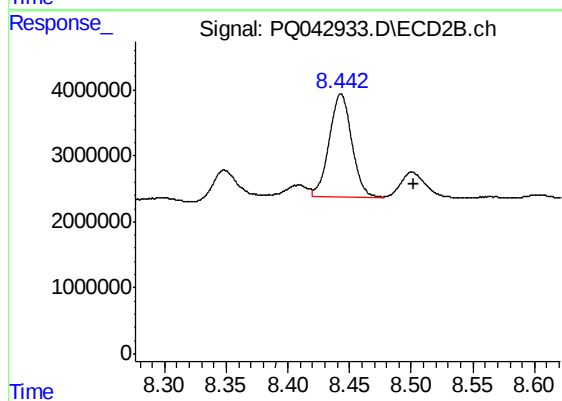
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.972 min
Response: 0
Conc: N.D.



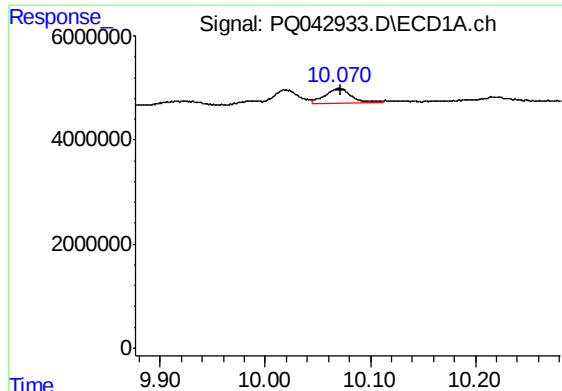
#36 AR-1262-1

R.T.: 9.487 min
Delta R.T.: -0.002 min
Response: 23086920
Conc: 57.46 ng/ml



#36 AR-1262-1

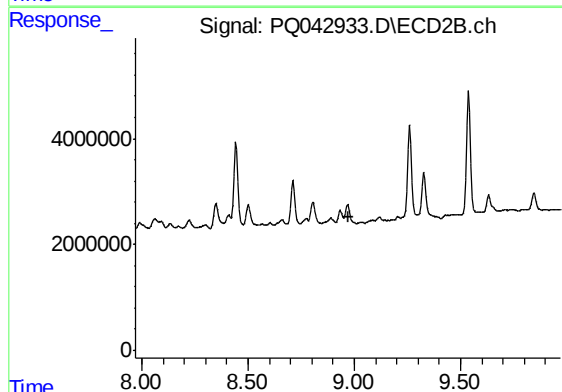
R.T.: 8.443 min
Delta R.T.: -0.059 min
Response: 19573773
Conc: 105.67 ng/ml



#37 AR-1262-2

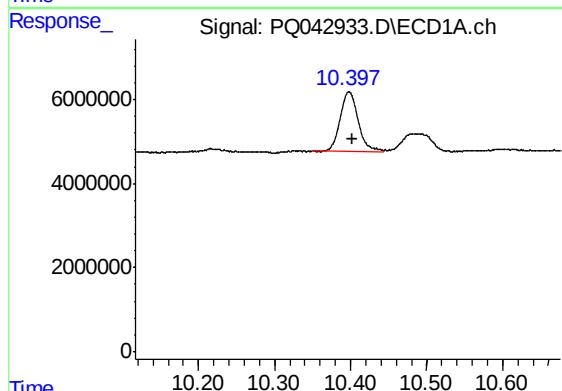
R.T.: 10.070 min
Delta R.T.: -0.001 min
Response: 5206730
Conc: 6.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



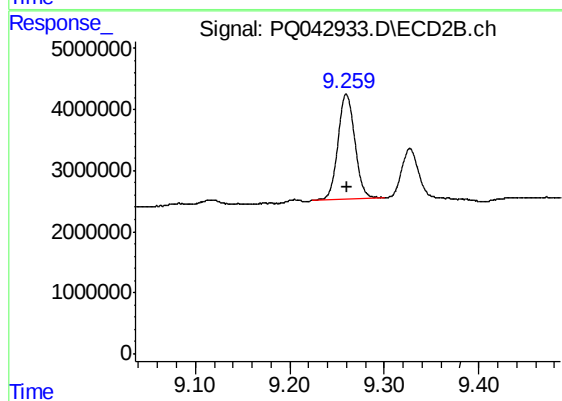
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.970 min
Response: 0
Conc: N.D.



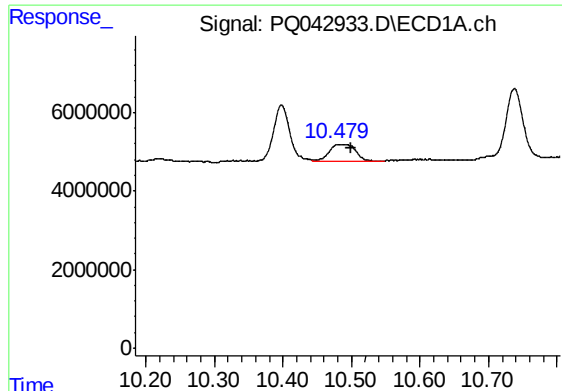
#38 AR-1262-3

R.T.: 10.398 min
Delta R.T.: -0.004 min
Response: 23107019
Conc: 39.02 ng/ml



#38 AR-1262-3

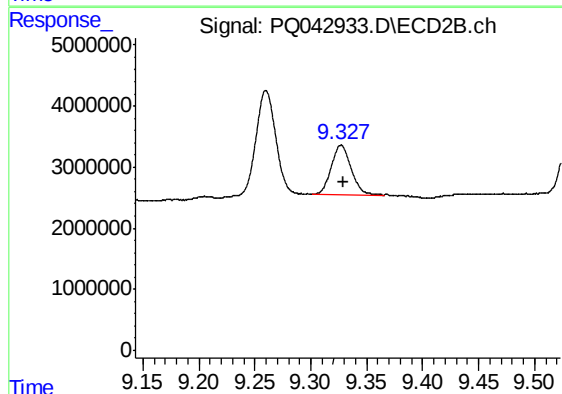
R.T.: 9.260 min
Delta R.T.: 0.000 min
Response: 21301621
Conc: 56.86 ng/ml



#39 AR-1262-4

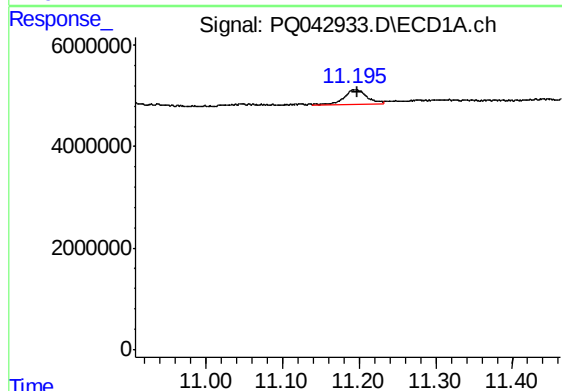
R.T.: 10.480 min
Delta R.T.: -0.019 min
Response: 11277048
Conc: 22.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



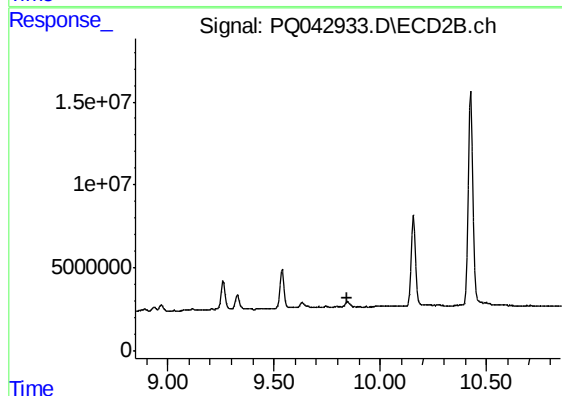
#39 AR-1262-4

R.T.: 9.327 min
Delta R.T.: -0.003 min
Response: 9986380
Conc: 14.55 ng/ml



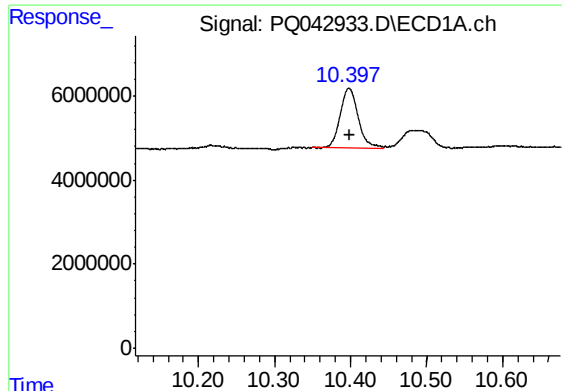
#40 AR-1262-5

R.T.: 11.195 min
Delta R.T.: -0.002 min
Response: 5539337
Conc: 14.85 ng/ml



#40 AR-1262-5

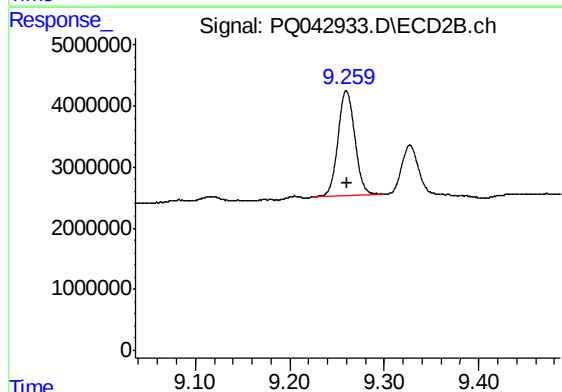
R.T.: 0.000 min
Exp R.T. : 9.848 min
Response: 0
Conc: N.D.



#41 AR-1268-1

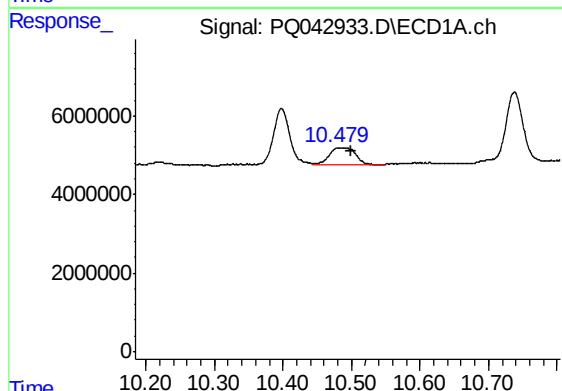
R.T.: 10.398 min
Delta R.T.: -0.002 min
Response: 23107019
Conc: 21.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



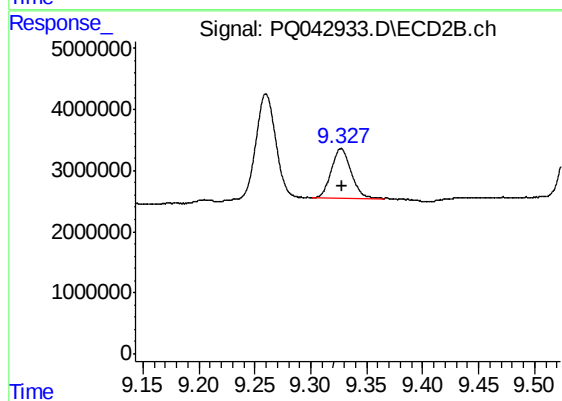
#41 AR-1268-1

R.T.: 9.260 min
Delta R.T.: 0.000 min
Response: 21301621
Conc: 19.90 ng/ml



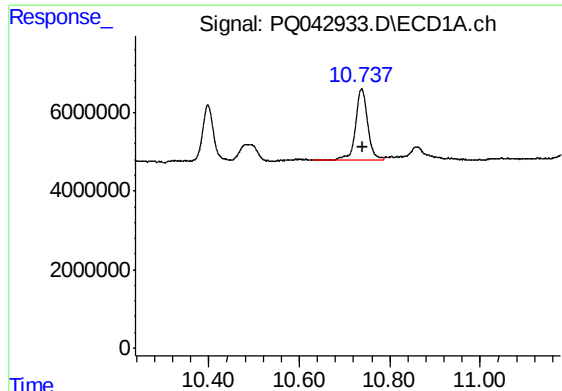
#42 AR-1268-2

R.T.: 10.480 min
Delta R.T.: -0.019 min
Response: 11277048
Conc: 10.75 ng/ml



#42 AR-1268-2

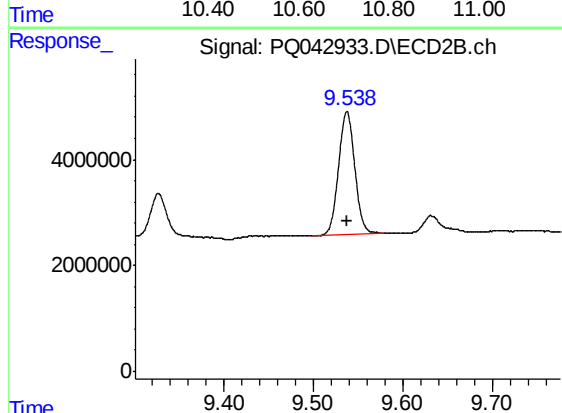
R.T.: 9.327 min
Delta R.T.: -0.001 min
Response: 9986380
Conc: 9.72 ng/ml



#43 AR-1268-3

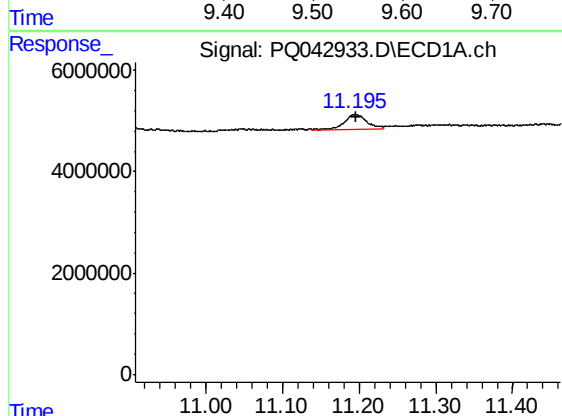
R.T.: 10.738 min
Delta R.T.: -0.002 min
Response: 32715002
Conc: 34.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



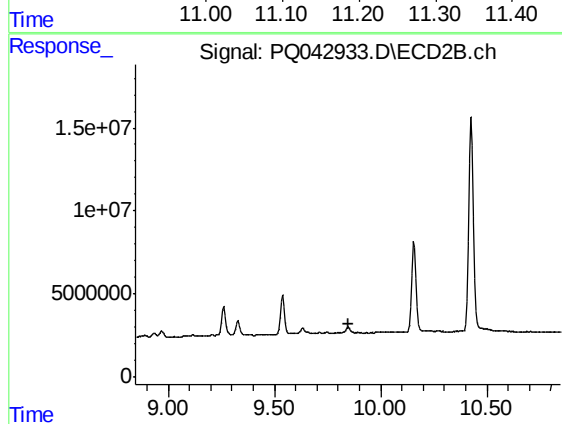
#43 AR-1268-3

R.T.: 9.538 min
Delta R.T.: 0.000 min
Response: 29184078
Conc: 33.08 ng/ml



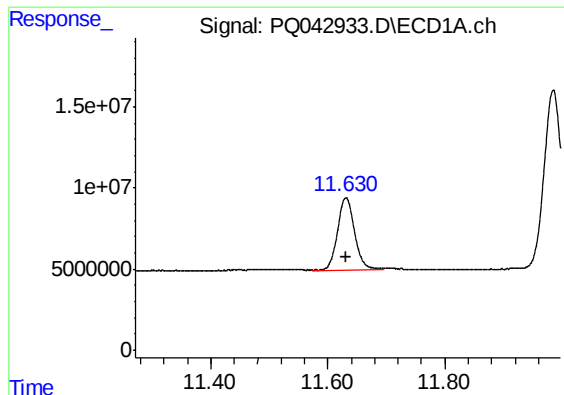
#44 AR-1268-4

R.T.: 11.195 min
Delta R.T.: 0.000 min
Response: 5539337
Conc: 13.81 ng/ml



#44 AR-1268-4

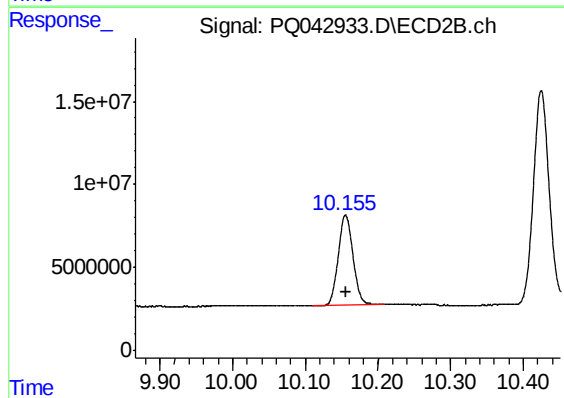
R.T.: 0.000 min
Exp R.T. : 9.846 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 91048527
Conc: 27.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB1



#45 AR-1268-5

R.T.: 10.155 min
Delta R.T.: -0.001 min
Response: 76535420
Conc: 27.37 ng/ml