

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041658.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2019 08:31
 Operator : SM\AJ
 Sample : K3981-14DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETNF2DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 22:59:08 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...	5.705	4.763	11797760	8862701	3.082	2.948
2)	SA Decachlor...	12.109	10.522	71229327	38497850	6.886	8.449
Target Compounds							
3)	L1 AR-1016-1	7.149	6.215	27650534	23426249	158.427	160.111
4)	L1 AR-1016-2	7.176	6.238	66894407	51917771	253.655	249.435
5)	L1 AR-1016-3	7.254	6.453	4437691	25286576	27.432	223.961 #
6)	L1 AR-1016-4	7.357	6.506	29433190	71588504	218.397	785.261 #
7)	L1 AR-1016-5	7.692	6.758	125.9E6	94488830	945.828	786.223
12)	L3 AR-1232-2	6.834	6.238	11938117	51917771	241.762	555.743 #
13)	L3 AR-1232-3	7.176	6.453	66894407	25286576	591.039	525.347
14)	L3 AR-1232-4	7.357	6.554	29433190	63783797	497.957	1479.399 #
15)	L3 AR-1232-5	7.464	6.758	80059580	94488830	2169.349	1953.395
16)	L4 AR-1242-1	7.149	6.215	27650534	23426249	220.747	221.969
17)	L4 AR-1242-2	7.176	6.238	66894407	51917771	351.274	334.809
18)	L4 AR-1242-3	7.254	6.453	4437691	25286576	37.533	303.005 #
19)	L4 AR-1242-4	7.357	6.554	29433190	63783797	300.284	783.105 #
20)	L4 AR-1242-5	8.181	7.166	177.1E6	154.1E6	1335.598	1234.210
21)	L5 AR-1248-1	7.149	6.215	27650534	23426249	298.092	291.668
22)	L5 AR-1248-2	7.464	6.506	80059580	71588504	650.584	639.098
23)	L5 AR-1248-3	7.692	6.554	125.9E6	63783797	801.483	552.587 #
24)	L5 AR-1248-4	8.142	6.758	168.2E6	94488830	778.538	652.746
25)	L5 AR-1248-5	8.181	7.214	177.1E6	139.8E6	831.469	830.850
26)	L6 AR-1254-1	8.109	7.166	102.7E6	154.1E6	506.562	605.831
27)	L6 AR-1254-2	8.351	7.334	167.5E6	54611330	484.974	238.699 #
28)	L6 AR-1254-3	8.742	7.782	115.8E6	115.2E6	279.529	283.813
29)	L6 AR-1254-4	9.044	8.031	90289652	79910401	249.470	292.507
30)	L6 AR-1254-5	9.505	8.477	493.8E6	457.5E6	1229.850	1145.743
31)	L7 AR-1260-1	8.914	7.938	24055593	54933325	79.624	206.552 #
32)	L7 AR-1260-2	9.179	8.127	282.0E6	27187356	615.235	74.927 #
33)	L7 AR-1260-3	9.559	8.291	15323398	24902939	36.090	79.303 #
34)	L7 AR-1260-4	9.797	8.789	29595444	11931144	70.307	41.911 #
35)	L7 AR-1260-5	10.150	9.041	35918890	38048348	33.614	51.169 #
36)	L8 AR-1262-1	9.622	8.572	6205282	11345356	25.275	58.986 #
37)	L8 AR-1262-2	10.150	9.041	35918890	38048348	29.577	45.287 #
38)	L8 AR-1262-3	10.508	9.335	28609808	6433561	34.330	18.292 #
39)	L8 AR-1262-4	10.566	9.400	14607605	23365969	22.423	39.758 #
40)	L8 AR-1262-5	11.296	9.925	11258232	8363387	24.629	34.854 #
41)	L9 AR-1268-1	10.508	9.335	28609808	6433561	15.854	5.631 #
42)	L9 AR-1268-2	10.566	9.400	14607605	23365969	9.155	24.045 #
43)	L9 AR-1268-3	0.000	9.616	0	1298957	N.D.	1.627 #
44)	L9 AR-1268-4	11.296	9.925	11258232	8363387	19.833	27.254 #
45)	L9 AR-1268-5	11.743	10.243	4152015	2659902	0.958	1.346 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041658.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 08:31
Operator : SM\AJ
Sample : K3981-14DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

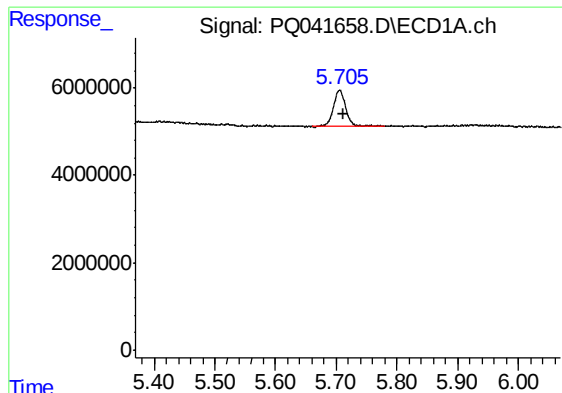
Instrument :
ECD_Q
ClientSampleId :
ETNF2DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 22:59:08 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
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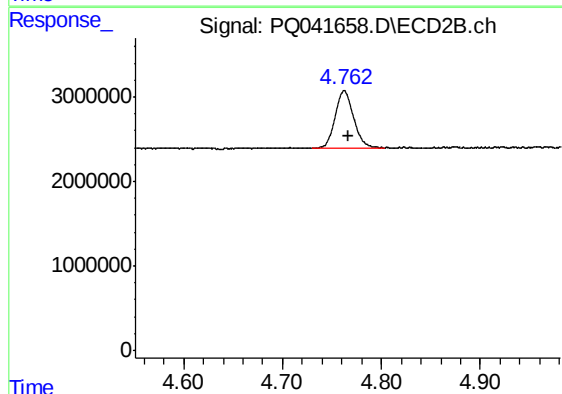
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

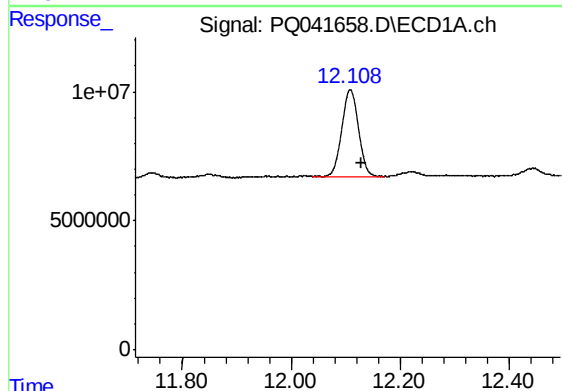
R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 11797760
Conc: 3.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



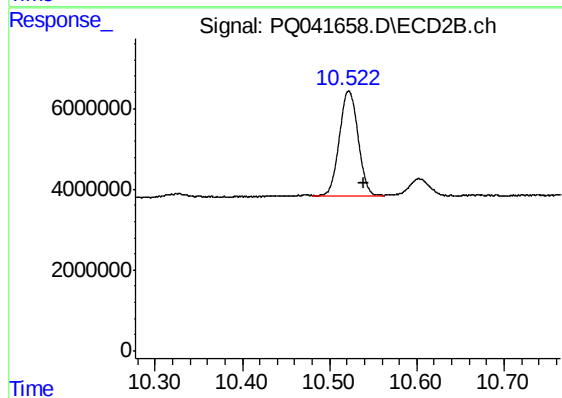
#1 Tetrachloro-m-xylene

R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 8862701
Conc: 2.95 ng/ml



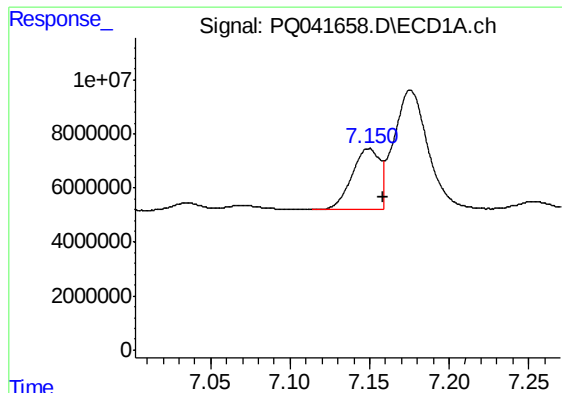
#2 Decachlorobiphenyl

R.T.: 12.109 min
Delta R.T.: -0.021 min
Response: 71229327
Conc: 6.89 ng/ml



#2 Decachlorobiphenyl

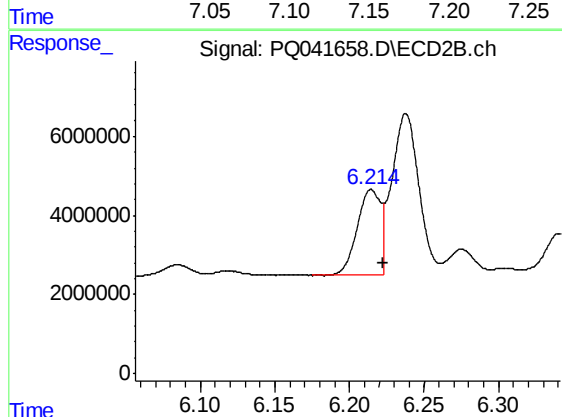
R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 38497850
Conc: 8.45 ng/ml



#3 AR-1016-1

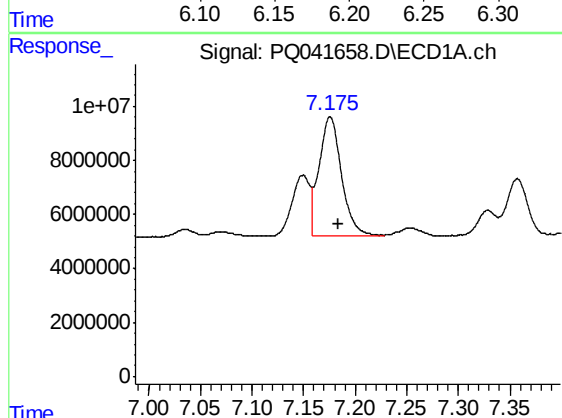
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 27650534
Conc: 158.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



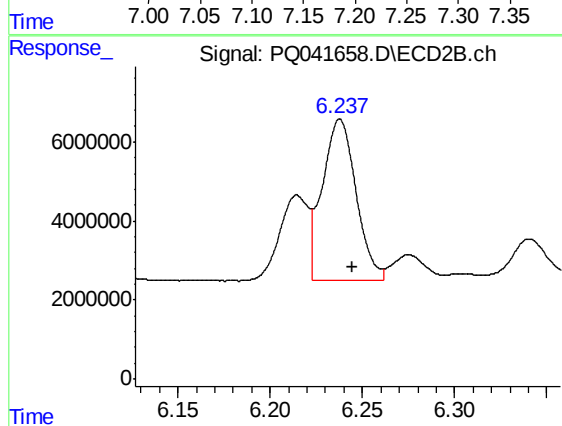
#3 AR-1016-1

R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 23426249
Conc: 160.11 ng/ml



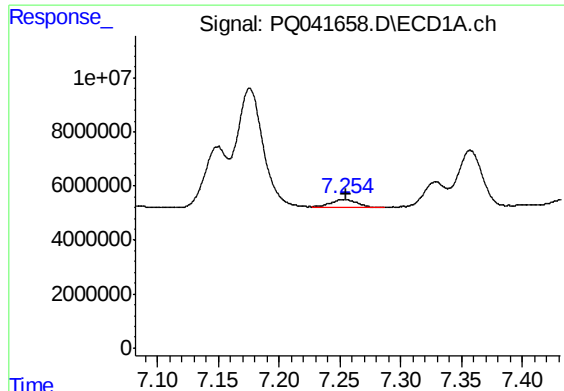
#4 AR-1016-2

R.T.: 7.176 min
Delta R.T.: -0.008 min
Response: 66894407
Conc: 253.66 ng/ml



#4 AR-1016-2

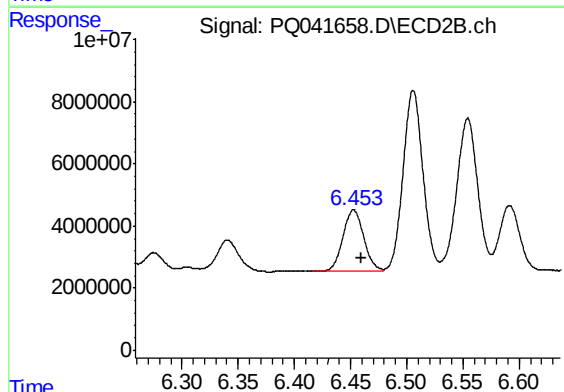
R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 51917771
Conc: 249.43 ng/ml



#5 AR-1016-3

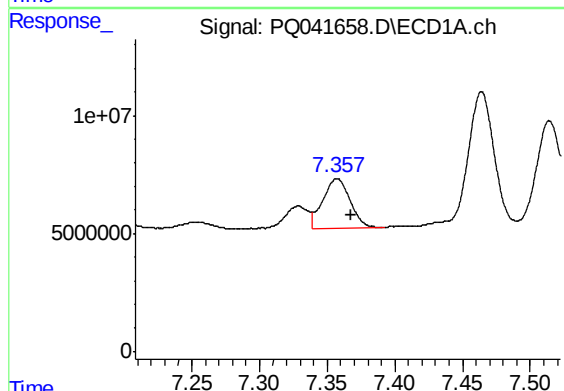
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 4437691
Conc: 27.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



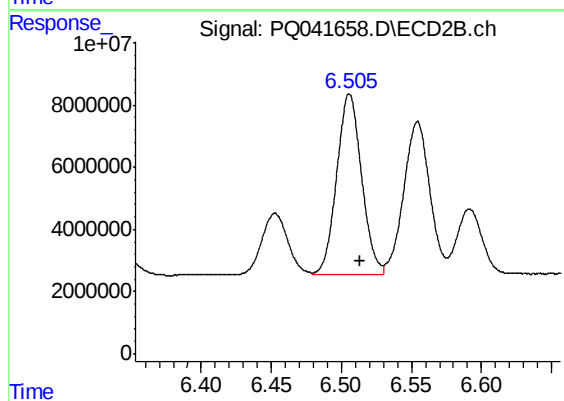
#5 AR-1016-3

R.T.: 6.453 min
Delta R.T.: -0.007 min
Response: 25286576
Conc: 223.96 ng/ml



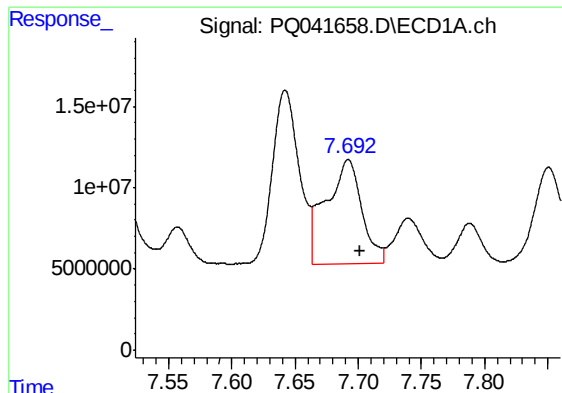
#6 AR-1016-4

R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 29433190
Conc: 218.40 ng/ml



#6 AR-1016-4

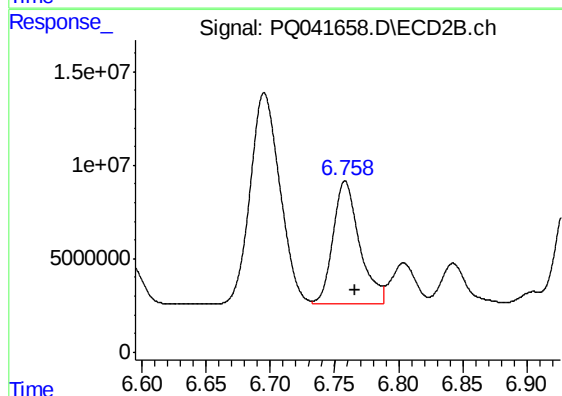
R.T.: 6.506 min
Delta R.T.: -0.008 min
Response: 71588504
Conc: 785.26 ng/ml



#7 AR-1016-5

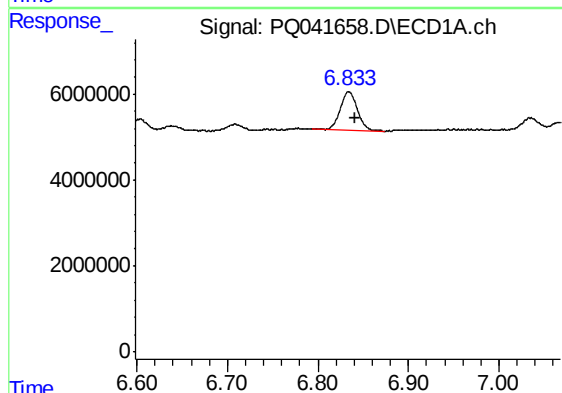
R.T.: 7.692 min
Delta R.T.: -0.009 min
Response: 125861266
Conc: 945.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



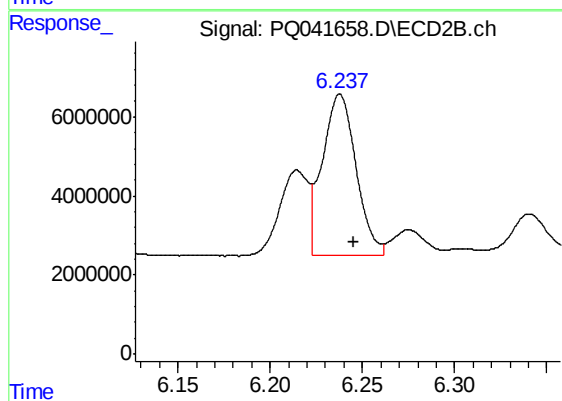
#7 AR-1016-5

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 94488830
Conc: 786.22 ng/ml



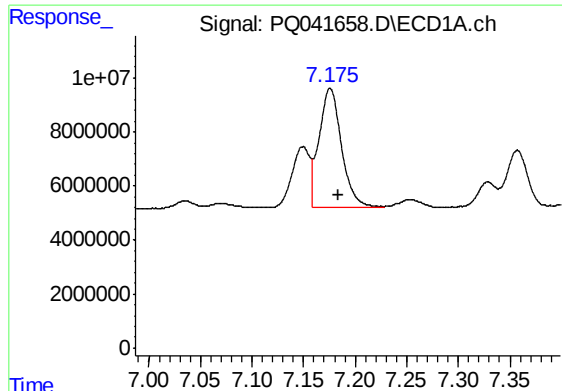
#12 AR-1232-2

R.T.: 6.834 min
Delta R.T.: -0.006 min
Response: 11938117
Conc: 241.76 ng/ml



#12 AR-1232-2

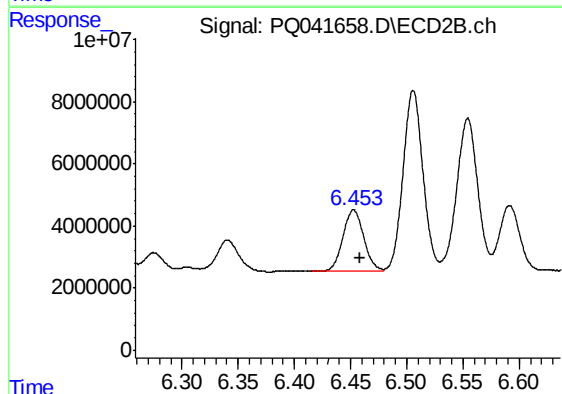
R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 51917771
Conc: 555.74 ng/ml



#13 AR-1232-3

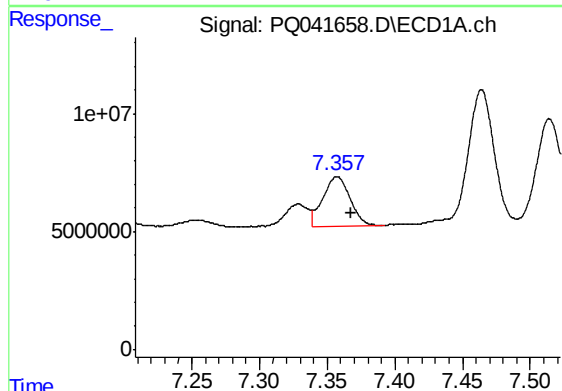
R.T.: 7.176 min
Delta R.T.: -0.008 min
Response: 66894407
Conc: 591.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



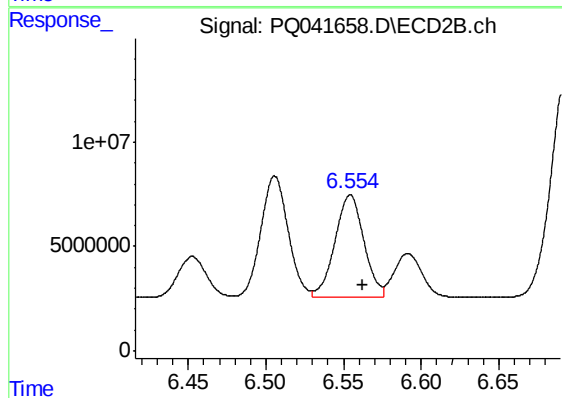
#13 AR-1232-3

R.T.: 6.453 min
Delta R.T.: -0.006 min
Response: 25286576
Conc: 525.35 ng/ml



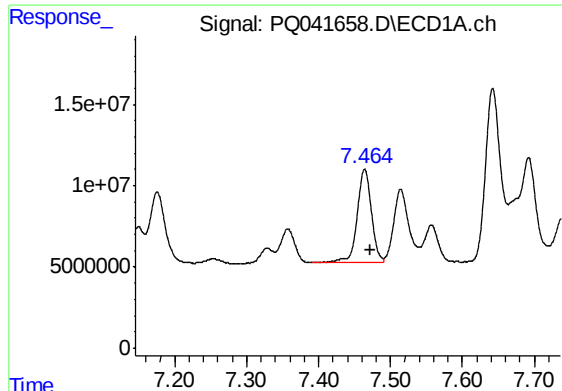
#14 AR-1232-4

R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 29433190
Conc: 497.96 ng/ml



#14 AR-1232-4

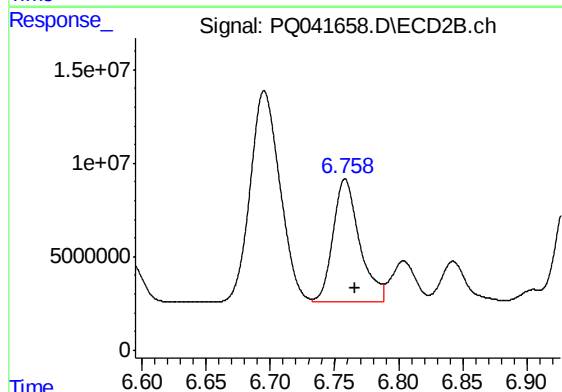
R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 63783797
Conc: 1479.40 ng/ml



#15 AR-1232-5

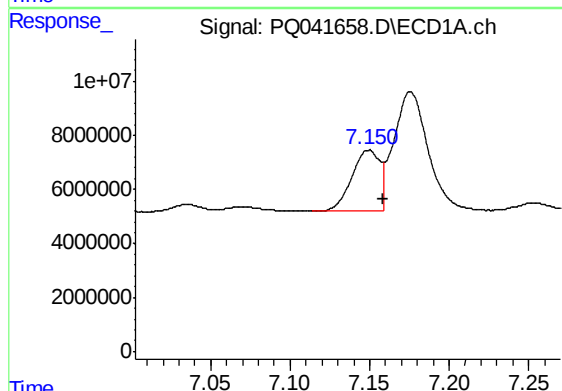
R.T.: 7.464 min
Delta R.T.: -0.009 min
Response: 80059580
Conc: 2169.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



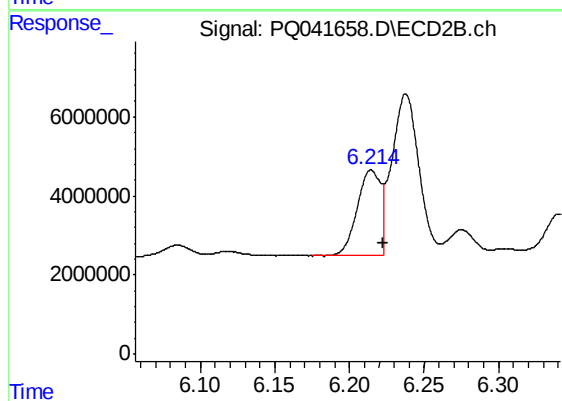
#15 AR-1232-5

R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 94488830
Conc: 1953.40 ng/ml



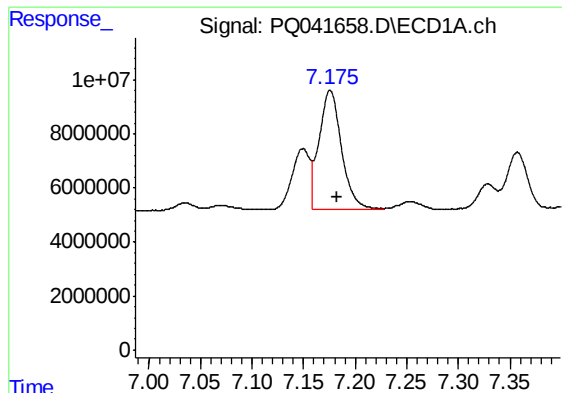
#16 AR-1242-1

R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 27650534
Conc: 220.75 ng/ml



#16 AR-1242-1

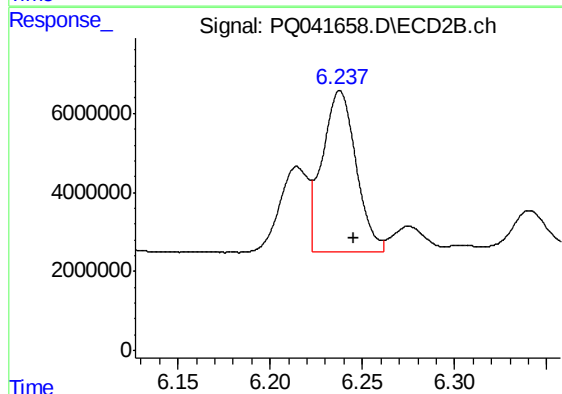
R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 23426249
Conc: 221.97 ng/ml



#17 AR-1242-2

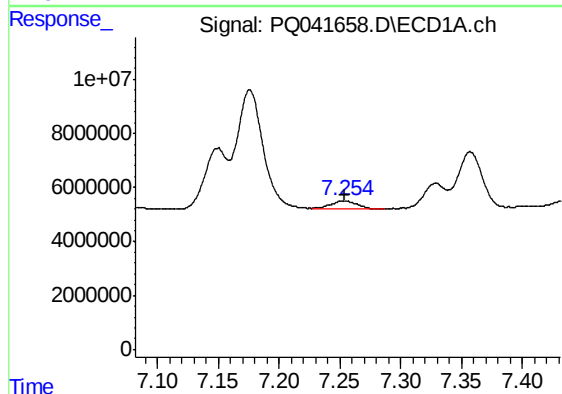
R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 66894407
Conc: 351.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



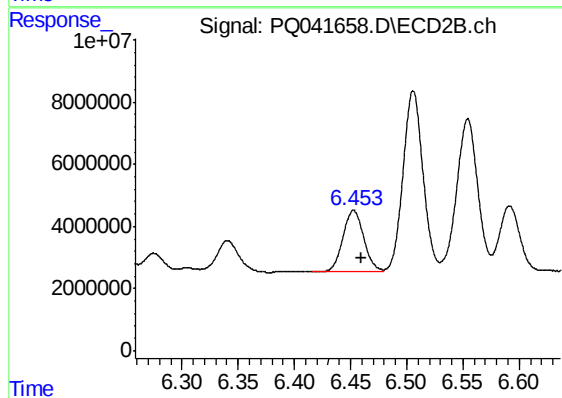
#17 AR-1242-2

R.T.: 6.238 min
Delta R.T.: -0.007 min
Response: 51917771
Conc: 334.81 ng/ml



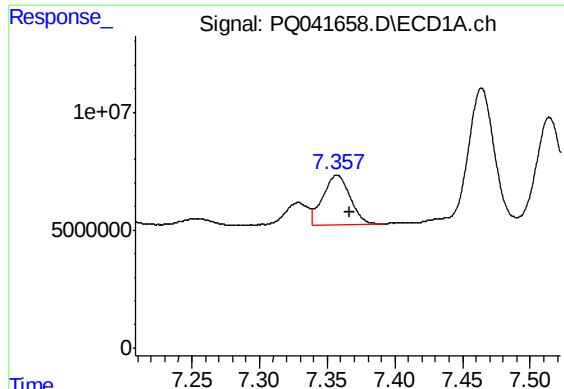
#18 AR-1242-3

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 4437691
Conc: 37.53 ng/ml



#18 AR-1242-3

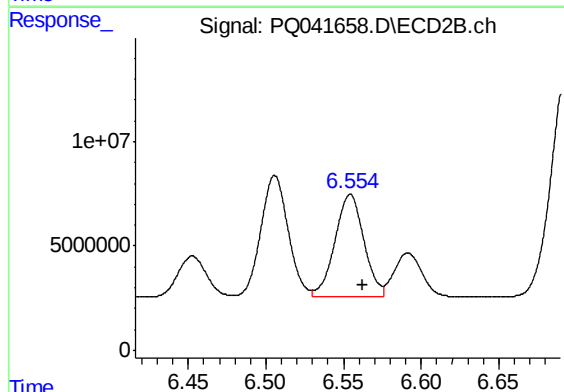
R.T.: 6.453 min
Delta R.T.: -0.007 min
Response: 25286576
Conc: 303.01 ng/ml



#19 AR-1242-4

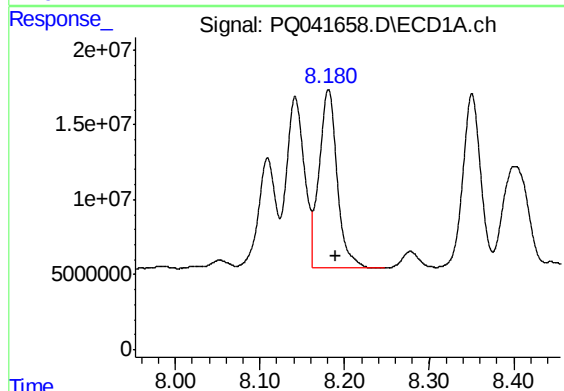
R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 29433190
Conc: 300.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



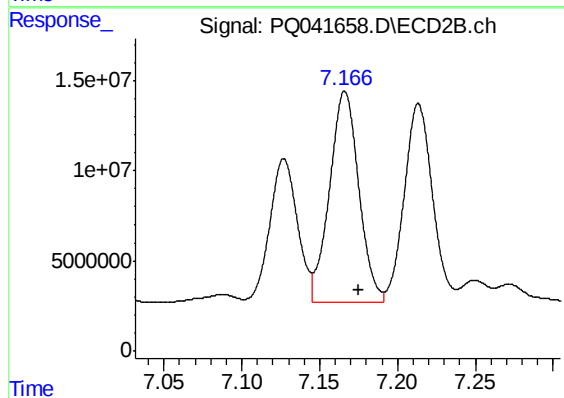
#19 AR-1242-4

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 63783797
Conc: 783.10 ng/ml



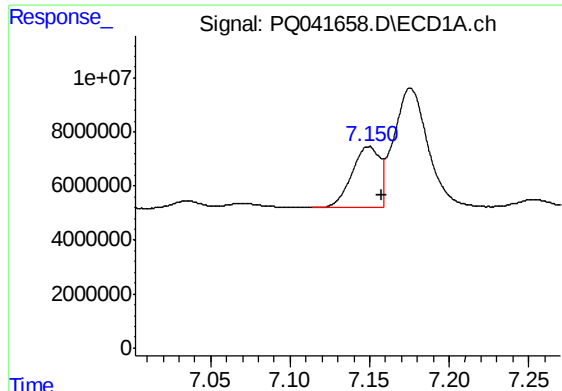
#20 AR-1242-5

R.T.: 8.181 min
Delta R.T.: -0.009 min
Response: 177069081
Conc: 1335.60 ng/ml



#20 AR-1242-5

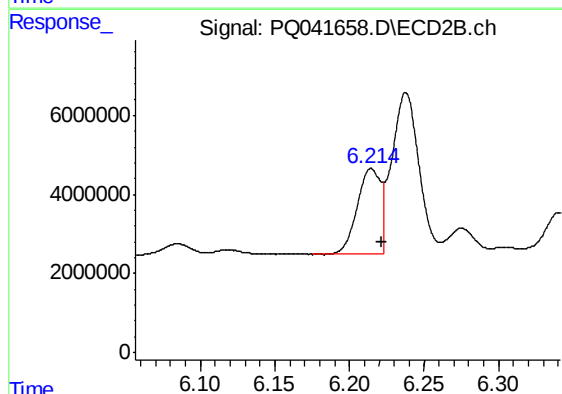
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 154065926
Conc: 1234.21 ng/ml



#21 AR-1248-1

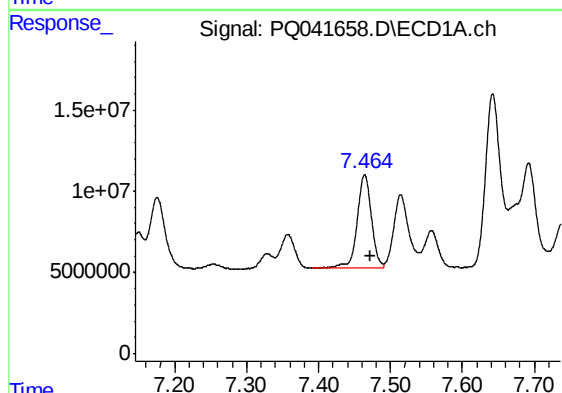
R.T.: 7.149 min
Delta R.T.: -0.008 min
Response: 27650534
Conc: 298.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



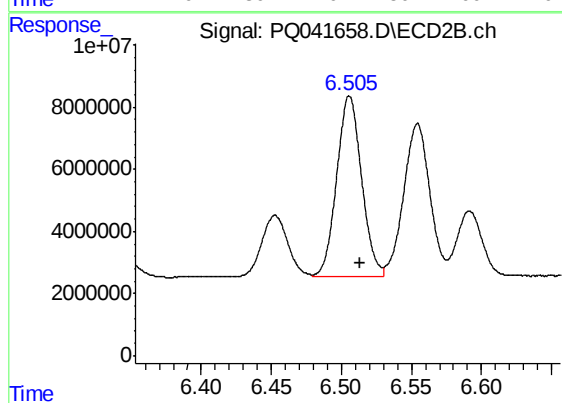
#21 AR-1248-1

R.T.: 6.215 min
Delta R.T.: -0.007 min
Response: 23426249
Conc: 291.67 ng/ml



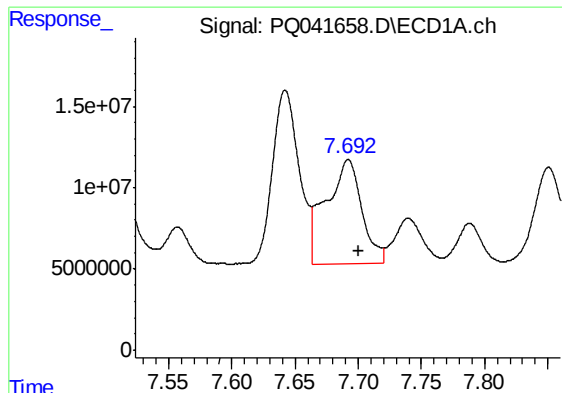
#22 AR-1248-2

R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 80059580
Conc: 650.58 ng/ml



#22 AR-1248-2

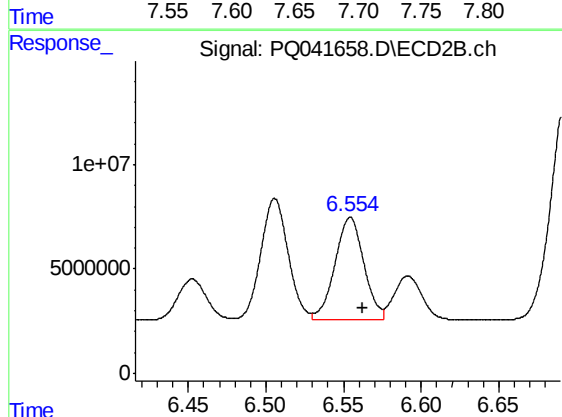
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 71588504
Conc: 639.10 ng/ml



#23 AR-1248-3

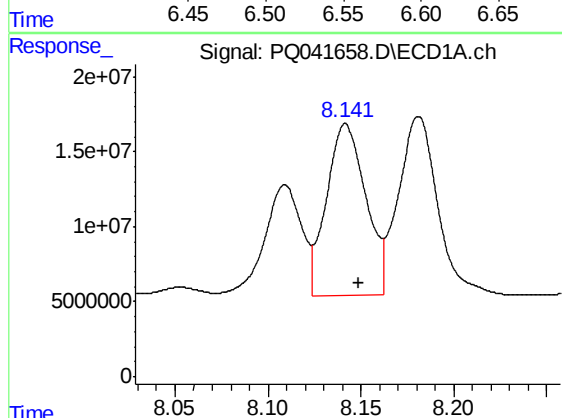
R.T.: 7.692 min
Delta R.T.: -0.009 min
Response: 125861266
Conc: 801.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



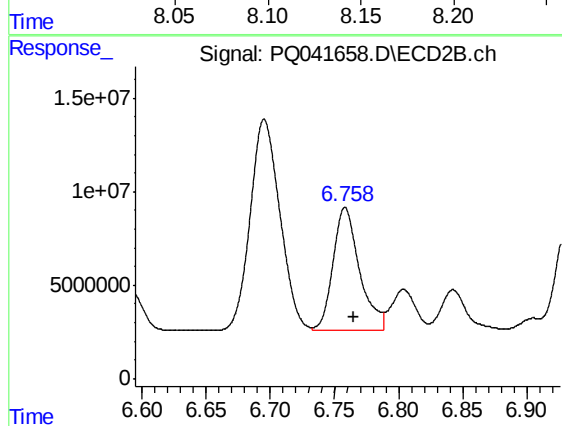
#23 AR-1248-3

R.T.: 6.554 min
Delta R.T.: -0.008 min
Response: 63783797
Conc: 552.59 ng/ml



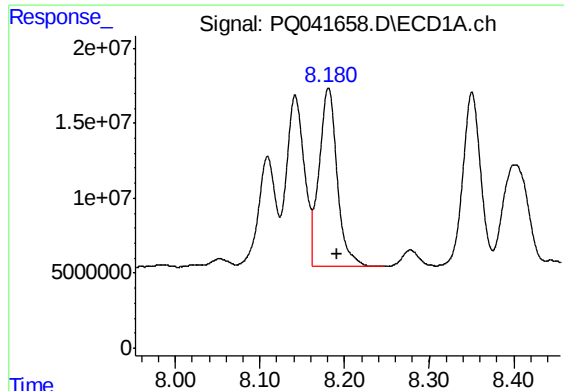
#24 AR-1248-4

R.T.: 8.142 min
Delta R.T.: -0.007 min
Response: 168171265
Conc: 778.54 ng/ml



#24 AR-1248-4

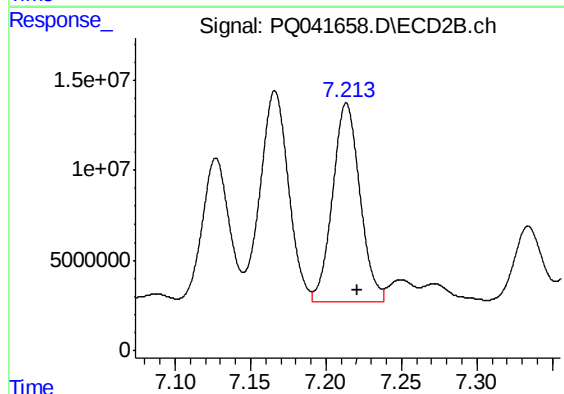
R.T.: 6.758 min
Delta R.T.: -0.007 min
Response: 94488830
Conc: 652.75 ng/ml



#25 AR-1248-5

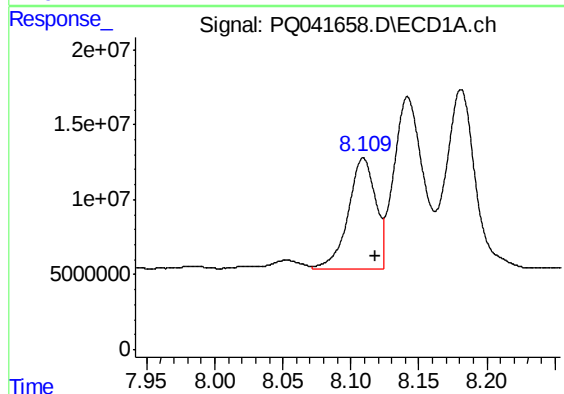
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 177069081
Conc: 831.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



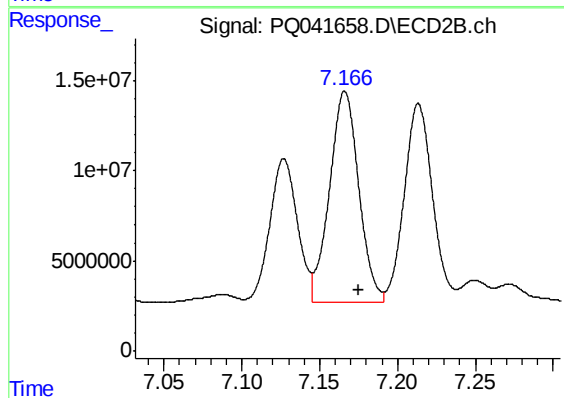
#25 AR-1248-5

R.T.: 7.214 min
Delta R.T.: -0.008 min
Response: 139816845
Conc: 830.85 ng/ml



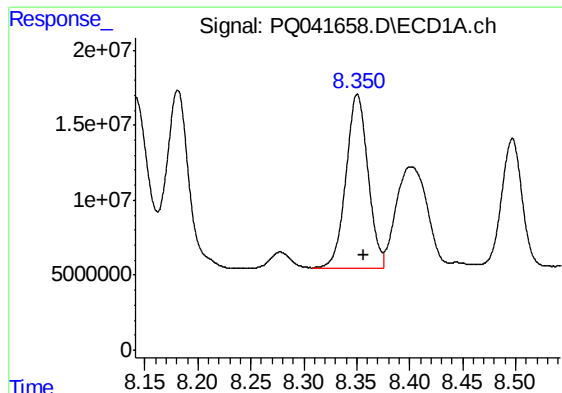
#26 AR-1254-1

R.T.: 8.109 min
Delta R.T.: -0.009 min
Response: 102680881
Conc: 506.56 ng/ml



#26 AR-1254-1

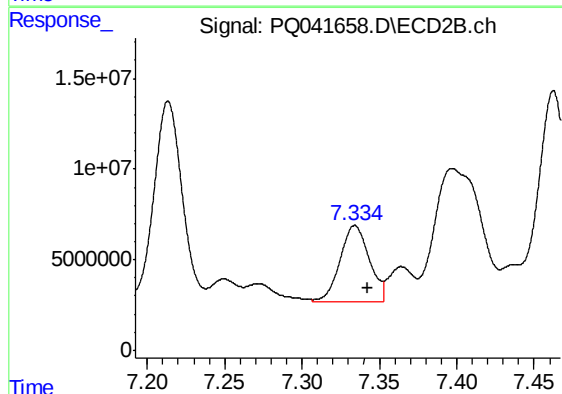
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 154065926
Conc: 605.83 ng/ml



#27 AR-1254-2

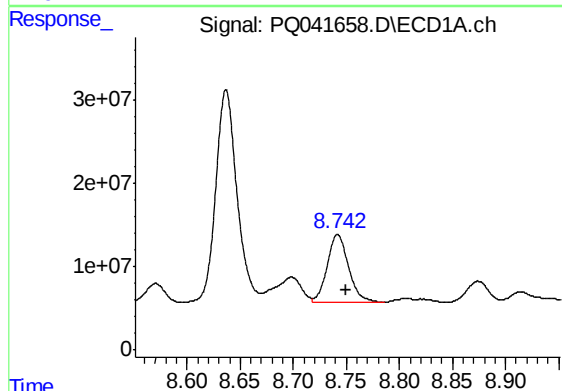
R.T.: 8.351 min
Delta R.T.: -0.006 min
Response: 167506843
Conc: 484.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



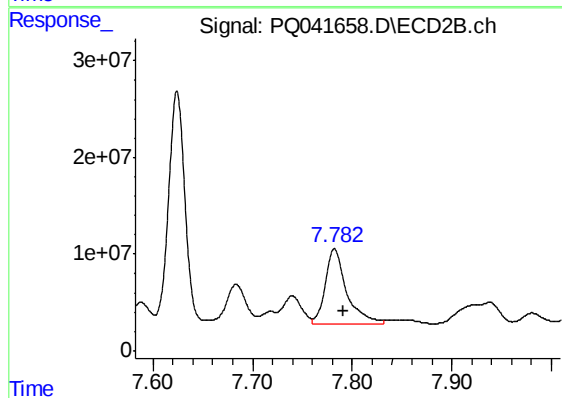
#27 AR-1254-2

R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 54611330
Conc: 238.70 ng/ml



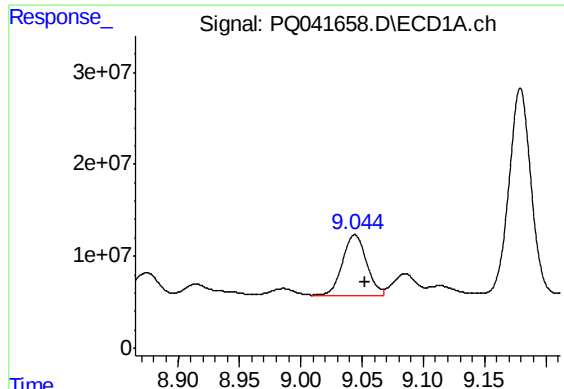
#28 AR-1254-3

R.T.: 8.742 min
Delta R.T.: -0.008 min
Response: 115832503
Conc: 279.53 ng/ml



#28 AR-1254-3

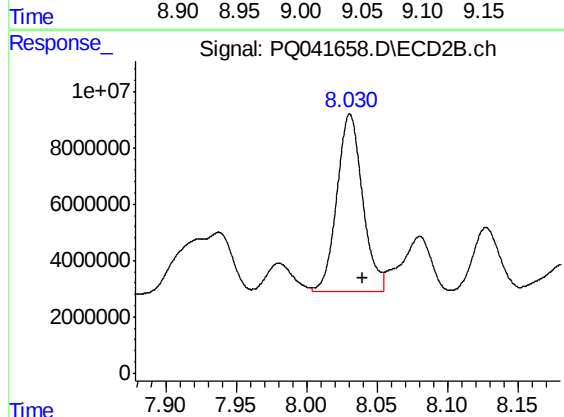
R.T.: 7.782 min
Delta R.T.: -0.009 min
Response: 115196523
Conc: 283.81 ng/ml



#29 AR-1254-4

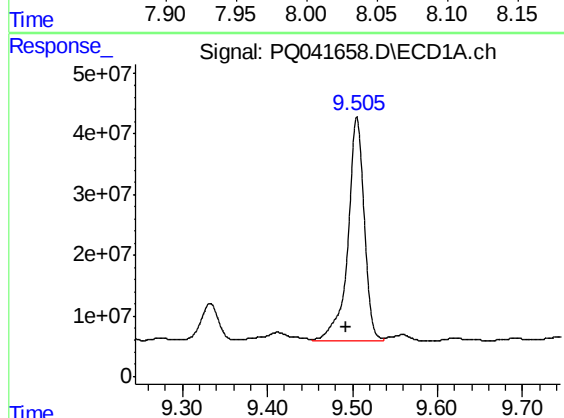
R.T.: 9.044 min
Delta R.T.: -0.009 min
Response: 90289652
Conc: 249.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



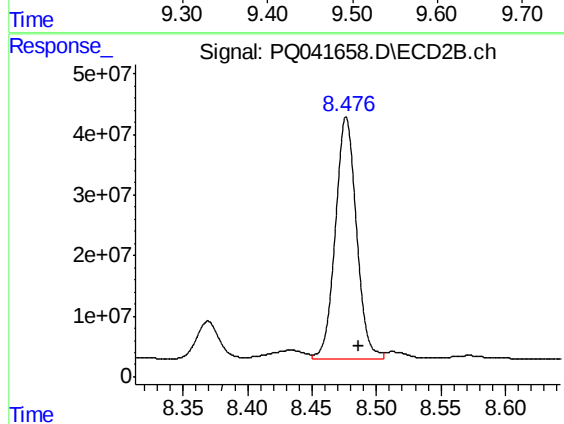
#29 AR-1254-4

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 79910401
Conc: 292.51 ng/ml



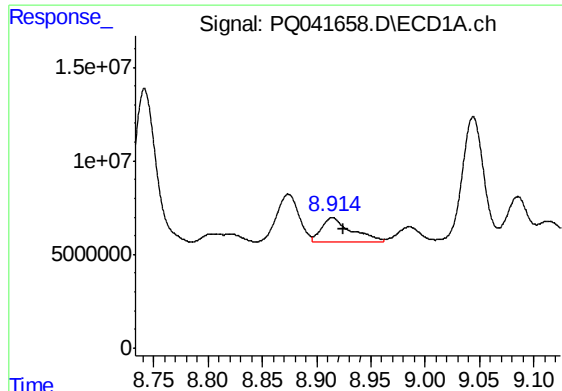
#30 AR-1254-5

R.T.: 9.505 min
Delta R.T.: 0.014 min
Response: 493821047
Conc: 1229.85 ng/ml



#30 AR-1254-5

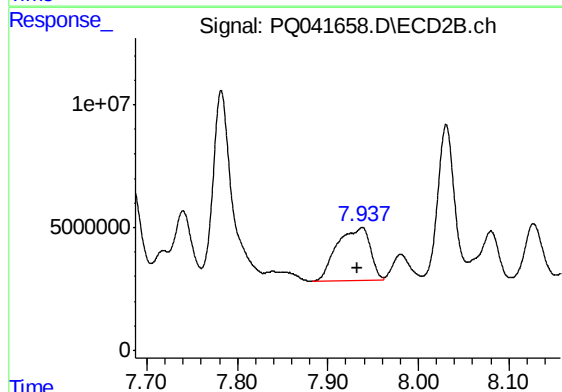
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 457464007
Conc: 1145.74 ng/ml



#31 AR-1260-1

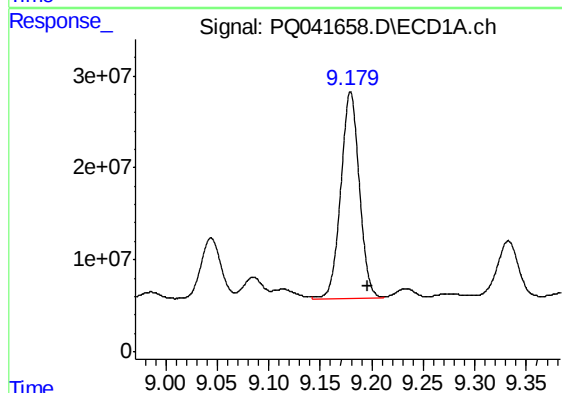
R.T.: 8.914 min
Delta R.T.: -0.010 min
Response: 24055593
Conc: 79.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



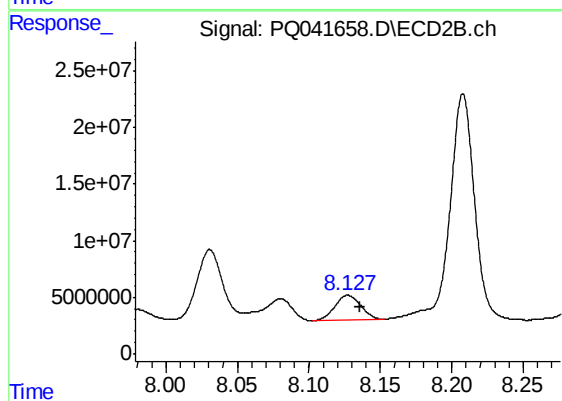
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.004 min
Response: 54933325
Conc: 206.55 ng/ml



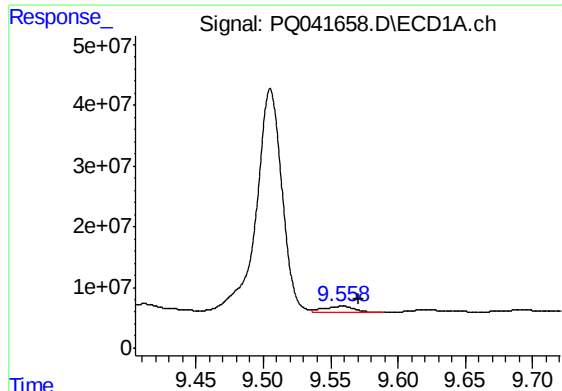
#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.016 min
Response: 282004530
Conc: 615.24 ng/ml



#32 AR-1260-2

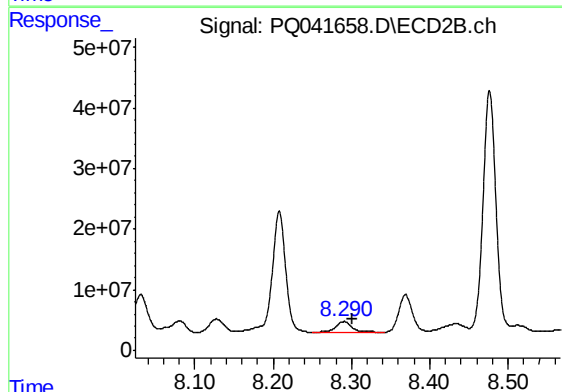
R.T.: 8.127 min
Delta R.T.: -0.009 min
Response: 27187356
Conc: 74.93 ng/ml



#33 AR-1260-3

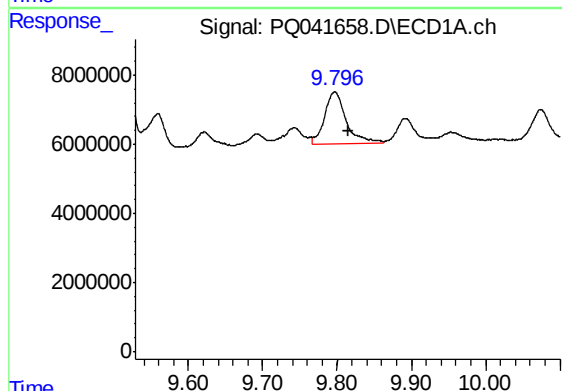
R.T.: 9.559 min
Delta R.T.: -0.013 min
Response: 15323398
Conc: 36.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



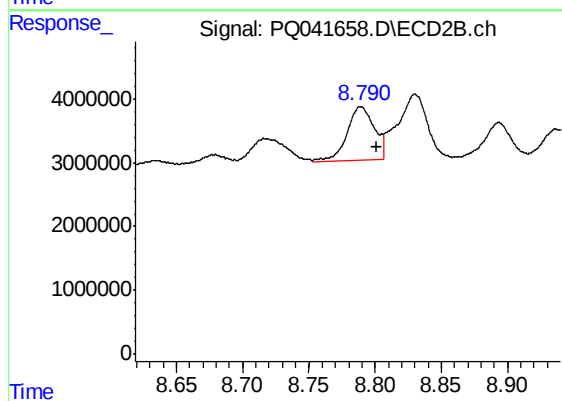
#33 AR-1260-3

R.T.: 8.291 min
Delta R.T.: -0.011 min
Response: 24902939
Conc: 79.30 ng/ml



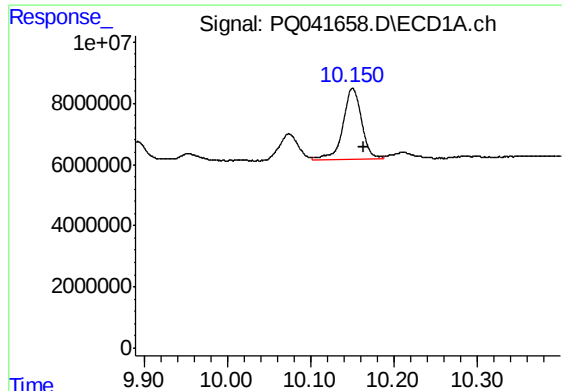
#34 AR-1260-4

R.T.: 9.797 min
Delta R.T.: -0.019 min
Response: 29595444
Conc: 70.31 ng/ml



#34 AR-1260-4

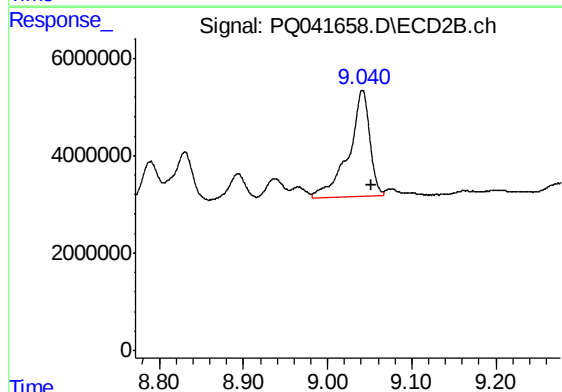
R.T.: 8.789 min
Delta R.T.: -0.012 min
Response: 11931144
Conc: 41.91 ng/ml



#35 AR-1260-5

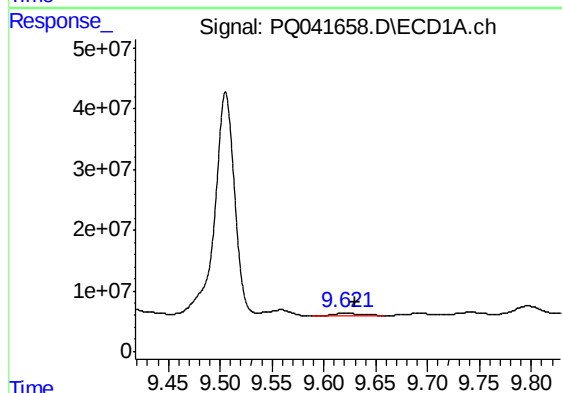
R.T.: 10.150 min
Delta R.T.: -0.014 min
Response: 35918890
Conc: 33.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



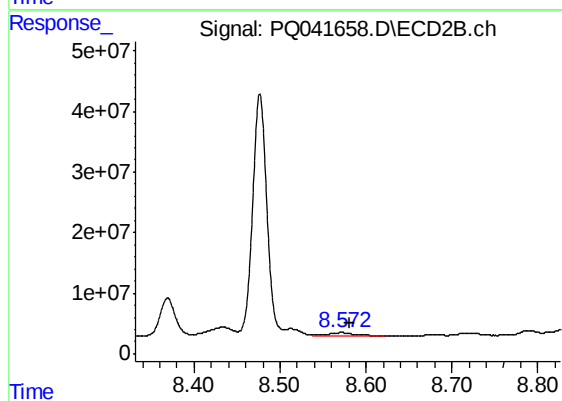
#35 AR-1260-5

R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 38048348
Conc: 51.17 ng/ml



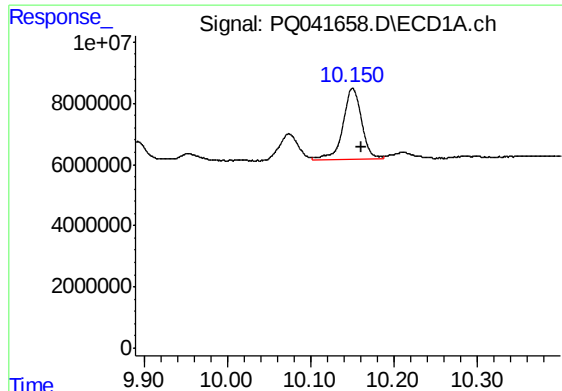
#36 AR-1262-1

R.T.: 9.622 min
Delta R.T.: -0.009 min
Response: 6205282
Conc: 25.27 ng/ml



#36 AR-1262-1

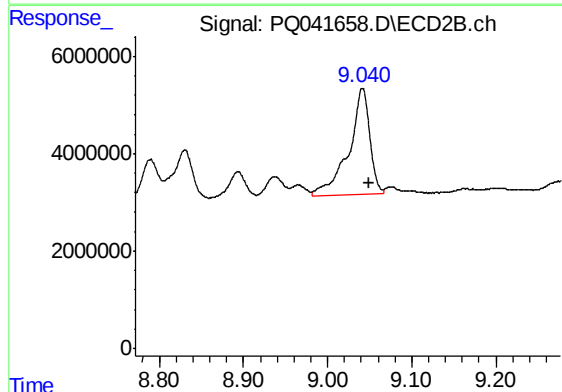
R.T.: 8.572 min
Delta R.T.: -0.010 min
Response: 11345356
Conc: 58.99 ng/ml



#37 AR-1262-2

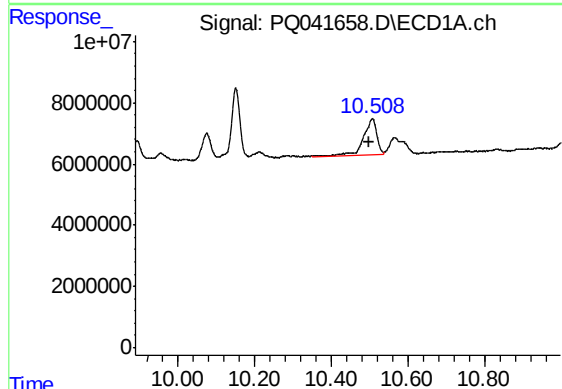
R.T.: 10.150 min
Delta R.T.: -0.011 min
Response: 35918890
Conc: 29.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



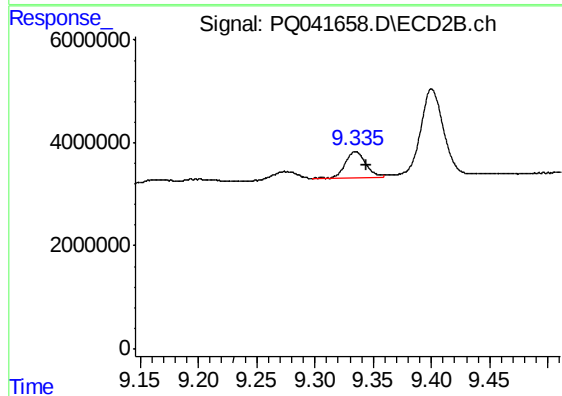
#37 AR-1262-2

R.T.: 9.041 min
Delta R.T.: -0.008 min
Response: 38048348
Conc: 45.29 ng/ml



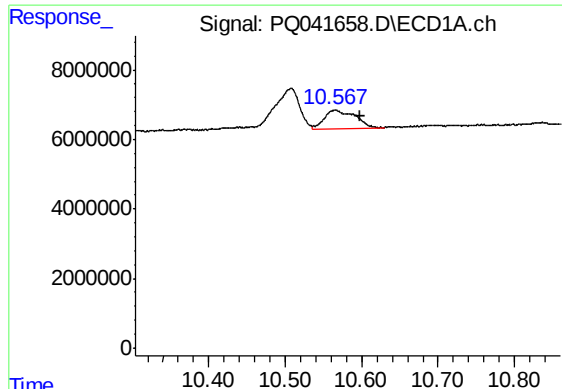
#38 AR-1262-3

R.T.: 10.508 min
Delta R.T.: 0.010 min
Response: 28609808
Conc: 34.33 ng/ml



#38 AR-1262-3

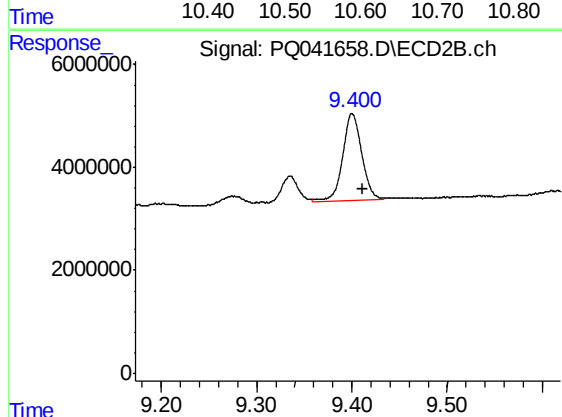
R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 6433561
Conc: 18.29 ng/ml



#39 AR-1262-4

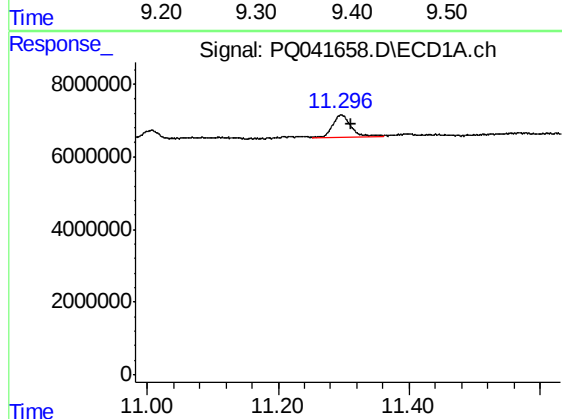
R.T.: 10.566 min
Delta R.T.: -0.032 min
Response: 14607605
Conc: 22.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



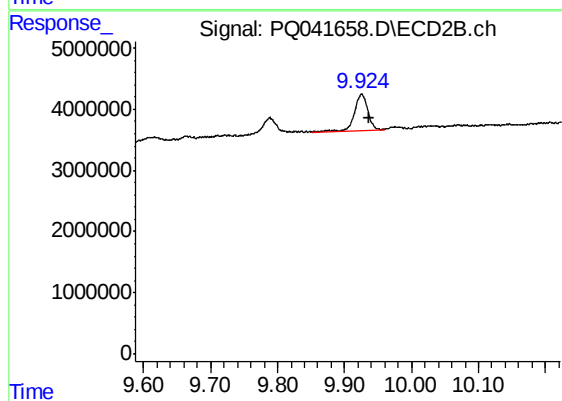
#39 AR-1262-4

R.T.: 9.400 min
Delta R.T.: -0.011 min
Response: 23365969
Conc: 39.76 ng/ml



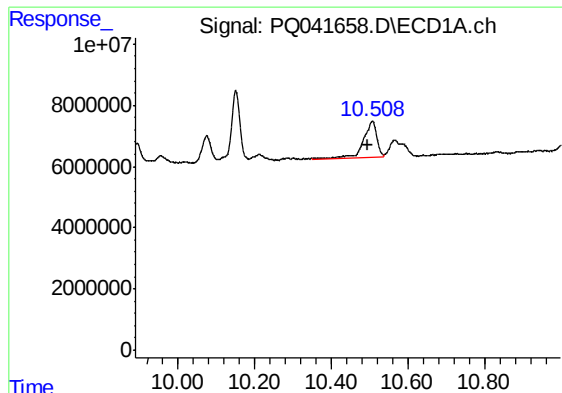
#40 AR-1262-5

R.T.: 11.296 min
Delta R.T.: -0.015 min
Response: 11258232
Conc: 24.63 ng/ml



#40 AR-1262-5

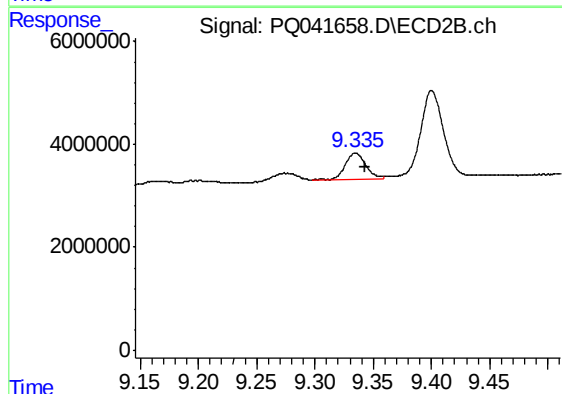
R.T.: 9.925 min
Delta R.T.: -0.011 min
Response: 8363387
Conc: 34.85 ng/ml



#41 AR-1268-1

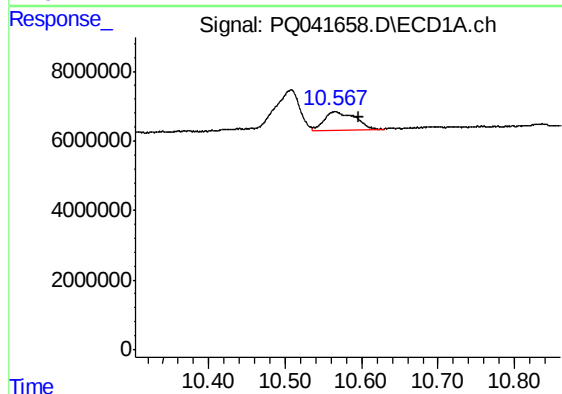
R.T.: 10.508 min
Delta R.T.: 0.014 min
Response: 28609808
Conc: 15.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



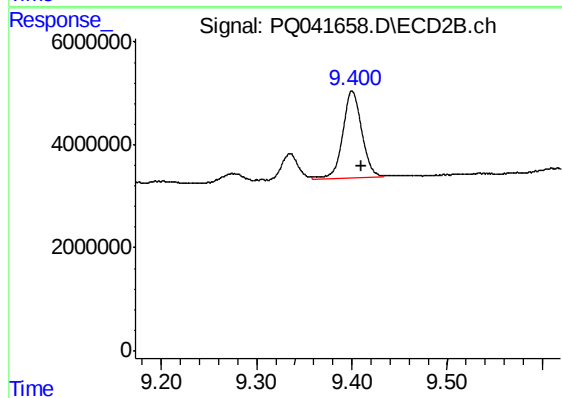
#41 AR-1268-1

R.T.: 9.335 min
Delta R.T.: -0.008 min
Response: 6433561
Conc: 5.63 ng/ml



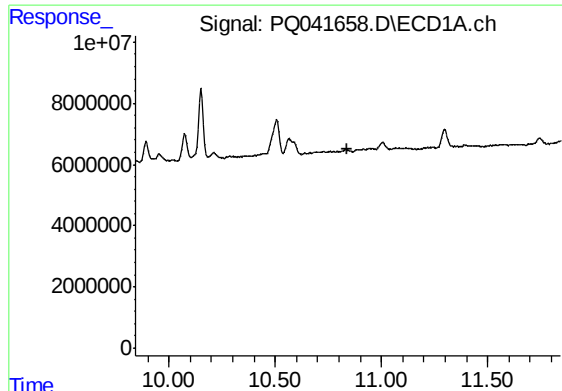
#42 AR-1268-2

R.T.: 10.566 min
Delta R.T.: -0.031 min
Response: 14607605
Conc: 9.15 ng/ml



#42 AR-1268-2

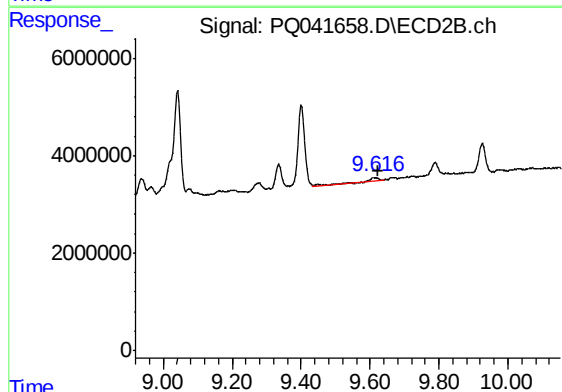
R.T.: 9.400 min
Delta R.T.: -0.009 min
Response: 23365969
Conc: 24.05 ng/ml



#43 AR-1268-3

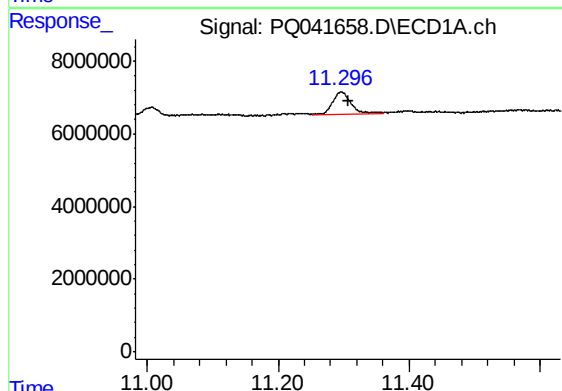
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



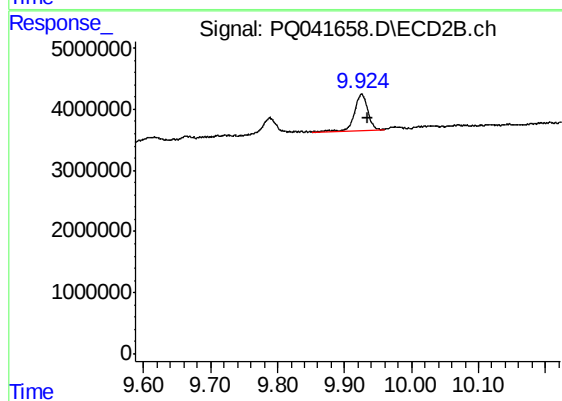
#43 AR-1268-3

R.T.: 9.616 min
Delta R.T.: -0.008 min
Response: 1298957
Conc: 1.63 ng/ml



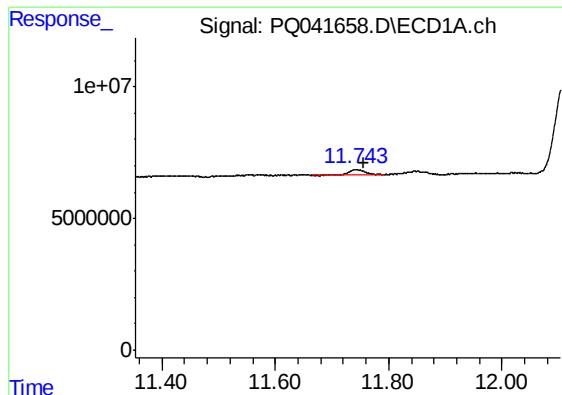
#44 AR-1268-4

R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 11258232
Conc: 19.83 ng/ml



#44 AR-1268-4

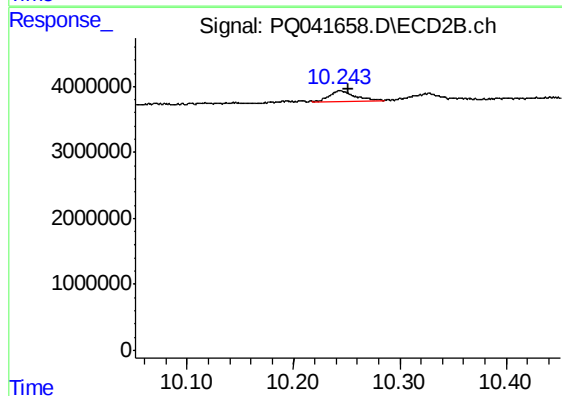
R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 8363387
Conc: 27.25 ng/ml



#45 AR-1268-5

R.T.: 11.743 min
Delta R.T.: -0.013 min
Response: 4152015
Conc: 0.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETNF2DL



#45 AR-1268-5

R.T.: 10.243 min
Delta R.T.: -0.008 min
Response: 2659902
Conc: 1.35 ng/ml