

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090419\
 Data File : PQ043259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2019 09:47
 Operator : SM\AJ
 Sample : K4633-15
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 F2D14

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 11:18:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 08:38:32 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...	5.699	4.790	102.2E6	42948660	15.634	13.912
2)	SA Decachlor...	12.092	10.571	290.3E6	119.0E6	27.793	19.413 #
Target Compounds							
3)	L1 AR-1016-1	7.142	0.000	1773630	0	6.990	N.D. #
4)	L1 AR-1016-2	7.172	0.000	3980972	0	10.846	N.D. #
5)	L1 AR-1016-3	7.238	6.537	2174051	19834411	9.787	203.836 #
6)	L1 AR-1016-4	7.359	6.537	2409501	19834411	12.899	258.268 #
7)	L1 AR-1016-5	7.686	6.791	24733493	13205875	138.204	127.661
10)	L2 AR-1221-3	0.000	5.384	0	7902845	N.D.	114.647 #
11)	L3 AR-1232-1	0.000	5.384	0	7902845	N.D.	151.806 #
13)	L3 AR-1232-3	7.172	6.537	3980972	19834411	26.939	578.532 #
14)	L3 AR-1232-4	7.359	6.586	2409501	5149270	34.345	162.406 #
15)	L3 AR-1232-5	7.456	6.791	37533384	13205875	869.007	392.285 #
16)	L4 AR-1242-1	7.142	0.000	1773630	0	9.058	N.D. #
17)	L4 AR-1242-2	7.172	0.000	3980972	0	13.876	N.D. #
18)	L4 AR-1242-3	7.238	6.537	2174051	19834411	12.359	273.758 #
19)	L4 AR-1242-4	7.359	6.586	2409501	5149270	16.139	71.754 #
20)	L4 AR-1242-5	8.176	7.200	28544539	63426820	160.297	577.149 #
21)	L5 AR-1248-1	7.142	0.000	1773630	0	11.832	N.D. #
22)	L5 AR-1248-2	7.456	6.537	37533384	19834411	197.196	191.004
23)	L5 AR-1248-3	7.686	6.586	24733493	5149270	102.269	47.863 #
24)	L5 AR-1248-4	8.131	6.791	48299115	13205875	160.824	99.510 #
25)	L5 AR-1248-5	8.176	7.246	28544539	6394327	97.335	44.246 #
26)	L6 AR-1254-1	8.102	7.200	91410700	63426820	313.440	280.181
27)	L6 AR-1254-2	8.340	7.367	165.4E6	60601367	335.404	289.911
28)	L6 AR-1254-3	8.733	7.817	204.4E6	134.1E6	372.559	358.559
29)	L6 AR-1254-4	9.036	8.064	169.7E6	86806207	399.037	359.335
30)	L6 AR-1254-5	9.473	8.512	237.5E6	132.3E6	523.111	365.104 #
31)	L7 AR-1260-1	8.906	7.958	80230657	62865861	230.409	279.710
32)	L7 AR-1260-2	9.176	8.160	107.7E6	64663509	277.219	218.425
33)	L7 AR-1260-3	9.551	8.326	155.5E6	62495727	440.276	235.714 #
34)	L7 AR-1260-4	9.784	8.825	169.9E6	45305188	392.557	189.719 #
35)	L7 AR-1260-5	10.139	9.076	213.9E6	155.7E6	225.655	239.094
36)	L8 AR-1262-1	9.551	8.608	155.5E6	28673329	243.426	182.134 #
37)	L8 AR-1262-2	10.139	9.076	213.9E6	155.7E6	174.862	191.960
38)	L8 AR-1262-3	10.474	9.371	324.3E6	151.5E6	376.446	462.530
39)	L8 AR-1262-4	10.573	9.437	348.8E6	216.1E6	520.835	351.578 #
40)	L8 AR-1262-5	11.281	9.964	251.3E6	123.0E6	544.074	409.856
41)	L9 AR-1268-1	10.474	9.371	324.3E6	151.5E6	240.816	180.644
42)	L9 AR-1268-2	10.573	9.437	348.8E6	216.1E6	276.579	275.483
43)	L9 AR-1268-3	10.819	9.656	61790511	36598323	59.717	56.453
44)	L9 AR-1268-4	11.281	9.964	251.3E6	123.0E6	519.539	420.753

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 Operator : SM\AJ
 Sample : K4633-15
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

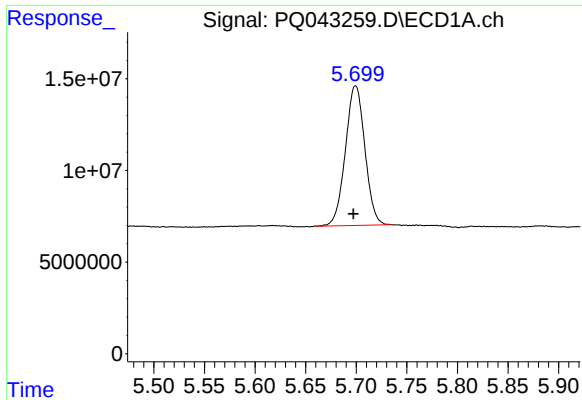
Instrument :
 ECD_Q
 ClientSampleId :
 F2D14

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 11:18:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
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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
45) L9	AR-1268-5	11.726	10.287	403.0E6	180.0E6	105.893	85.018

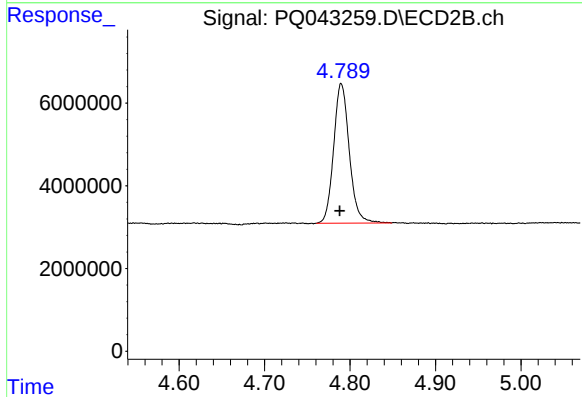
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

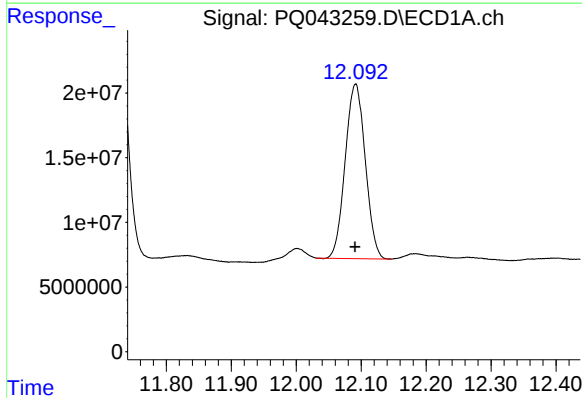
R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 102180883
Conc: 15.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



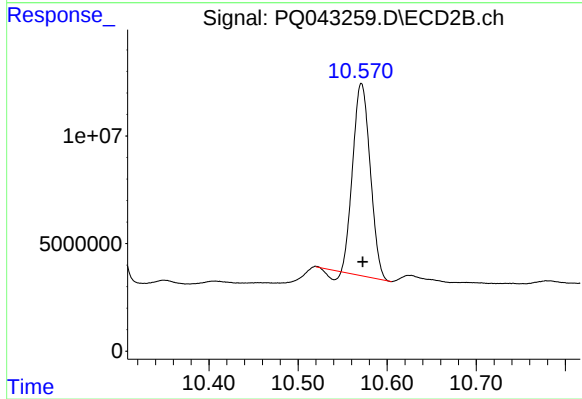
#1 Tetrachloro-m-xylene

R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 42948660
Conc: 13.91 ng/ml



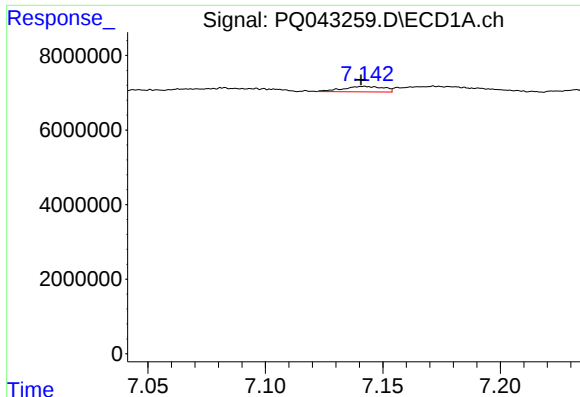
#2 Decachlorobiphenyl

R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 290310613
Conc: 27.79 ng/ml



#2 Decachlorobiphenyl

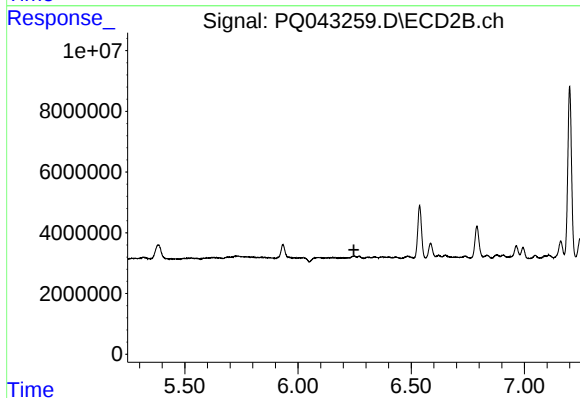
R.T.: 10.571 min
Delta R.T.: -0.002 min
Response: 119018375
Conc: 19.41 ng/ml



#3 AR-1016-1

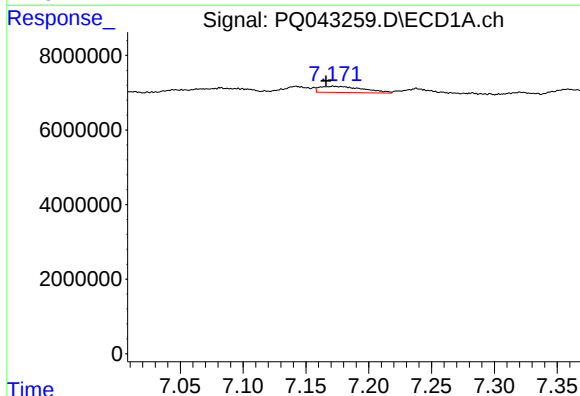
R.T.: 7.142 min
Delta R.T.: 0.001 min
Response: 1773630
Conc: 6.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



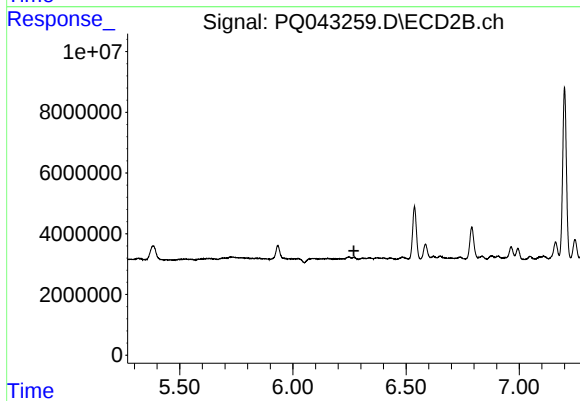
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.



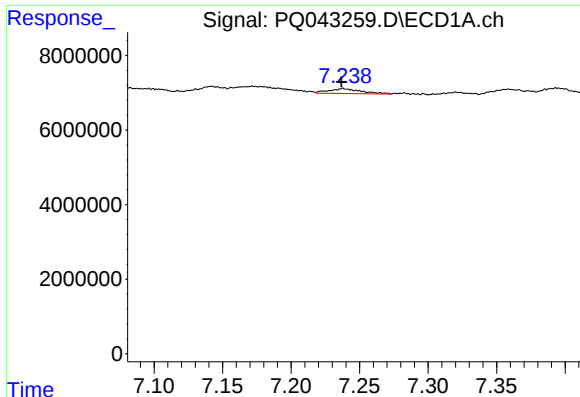
#4 AR-1016-2

R.T.: 7.172 min
Delta R.T.: 0.006 min
Response: 3980972
Conc: 10.85 ng/ml



#4 AR-1016-2

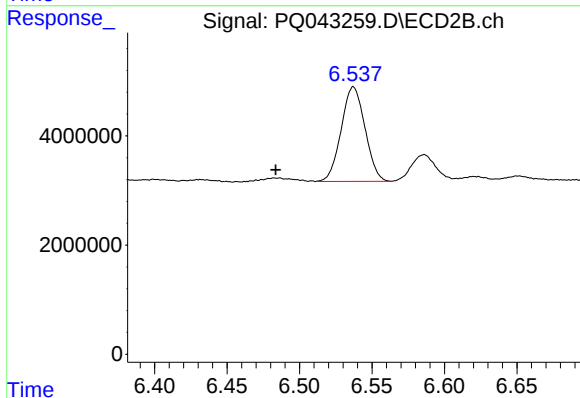
R.T.: 0.000 min
Exp R.T. : 6.270 min
Response: 0
Conc: N.D.



#5 AR-1016-3

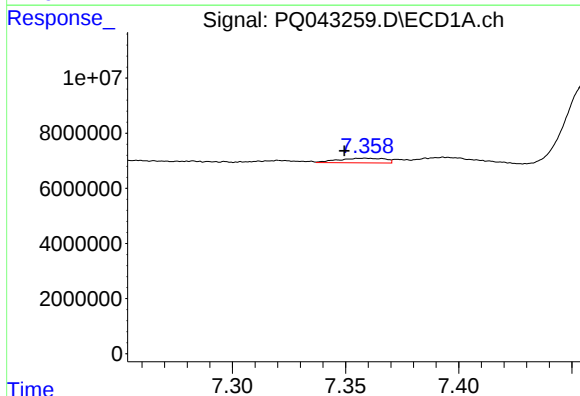
R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 2174051
Conc: 9.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



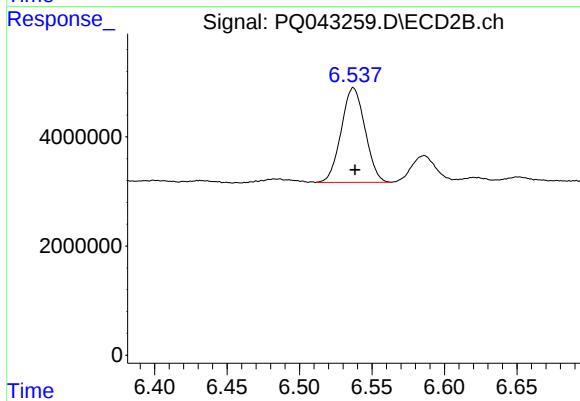
#5 AR-1016-3

R.T.: 6.537 min
Delta R.T.: 0.054 min
Response: 19834411
Conc: 203.84 ng/ml



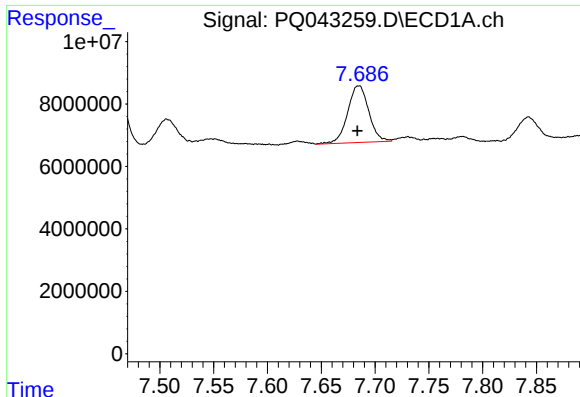
#6 AR-1016-4

R.T.: 7.359 min
Delta R.T.: 0.009 min
Response: 2409501
Conc: 12.90 ng/ml



#6 AR-1016-4

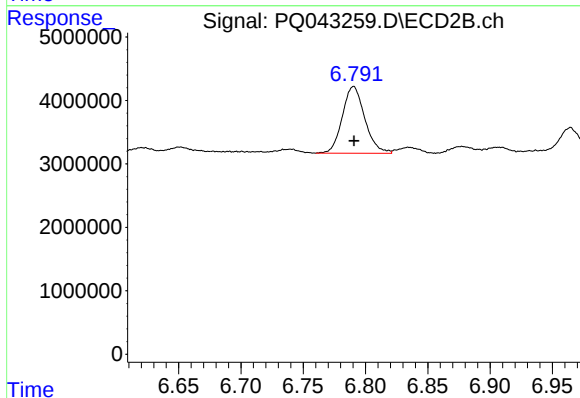
R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 19834411
Conc: 258.27 ng/ml



#7 AR-1016-5

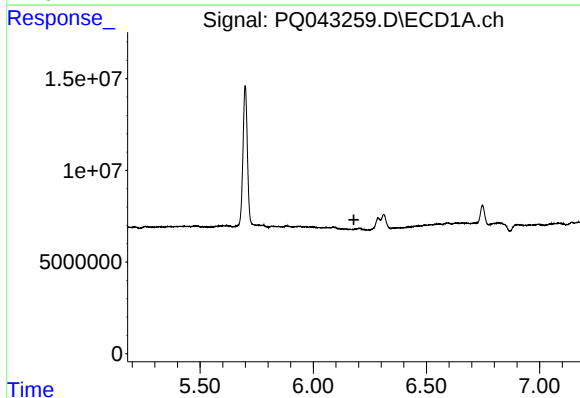
R.T.: 7.686 min
Delta R.T.: 0.002 min
Response: 24733493
Conc: 138.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



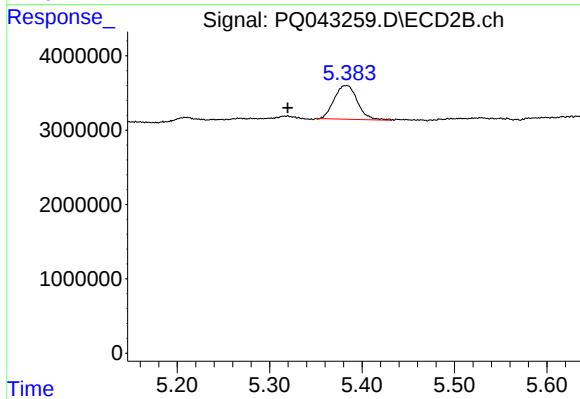
#7 AR-1016-5

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 13205875
Conc: 127.66 ng/ml



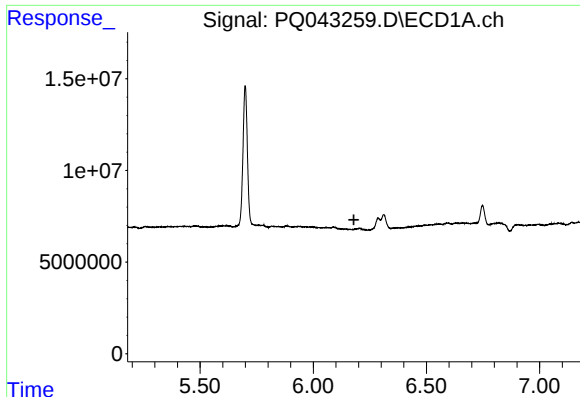
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.179 min
Response: 0
Conc: N.D.



#10 AR-1221-3

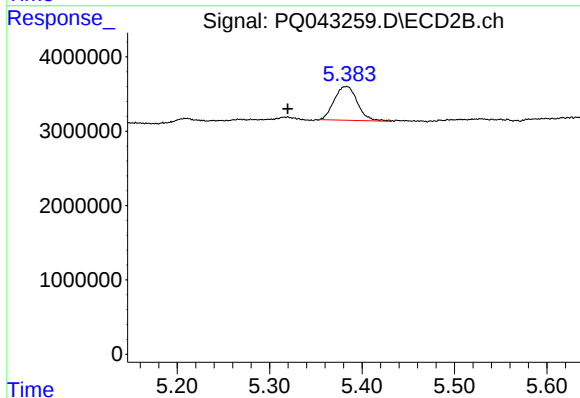
R.T.: 5.384 min
Delta R.T.: 0.064 min
Response: 7902845
Conc: 114.65 ng/ml



#11 AR-1232-1

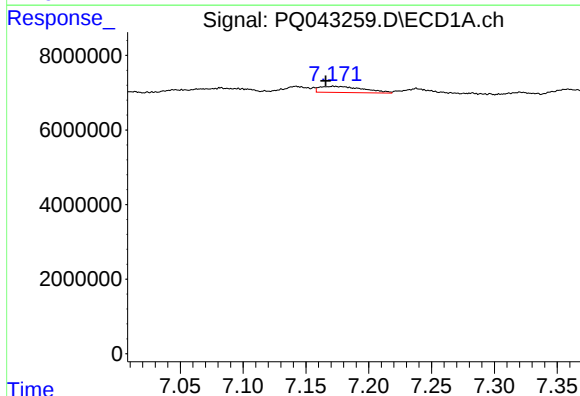
R.T.: 0.000 min
Exp R.T.: 6.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D14



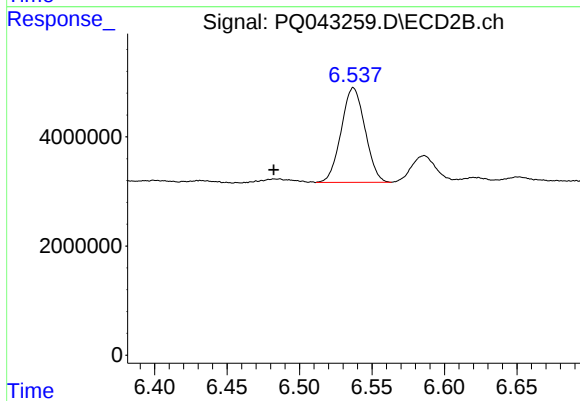
#11 AR-1232-1

R.T.: 5.384 min
Delta R.T.: 0.064 min
Response: 7902845
Conc: 151.81 ng/ml



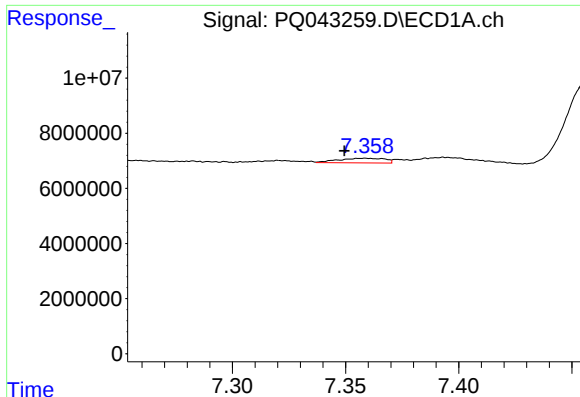
#13 AR-1232-3

R.T.: 7.172 min
Delta R.T.: 0.006 min
Response: 3980972
Conc: 26.94 ng/ml



#13 AR-1232-3

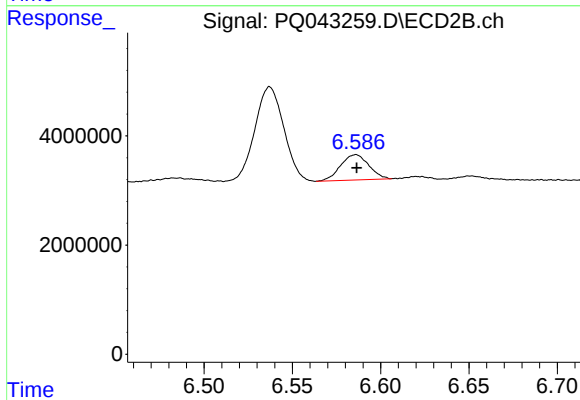
R.T.: 6.537 min
Delta R.T.: 0.055 min
Response: 19834411
Conc: 578.53 ng/ml



#14 AR-1232-4

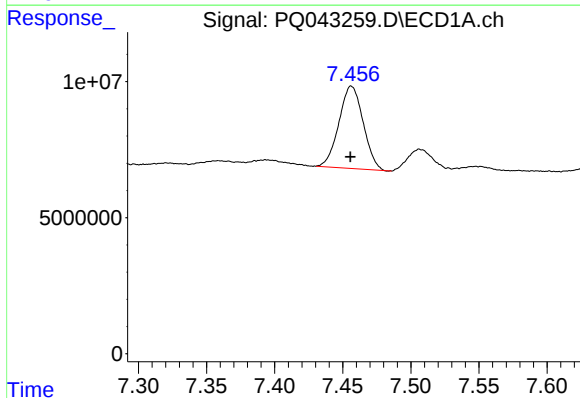
R.T.: 7.359 min
Delta R.T.: 0.009 min
Response: 2409501
Conc: 34.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



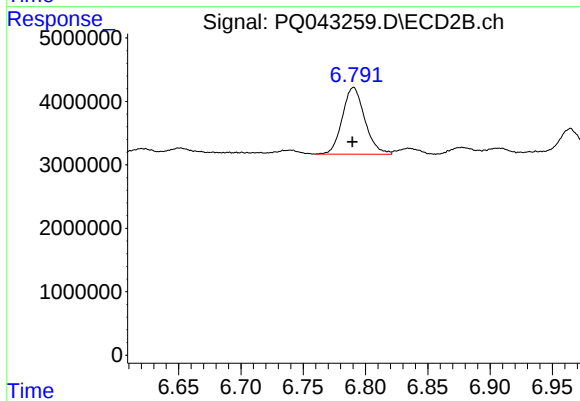
#14 AR-1232-4

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 5149270
Conc: 162.41 ng/ml



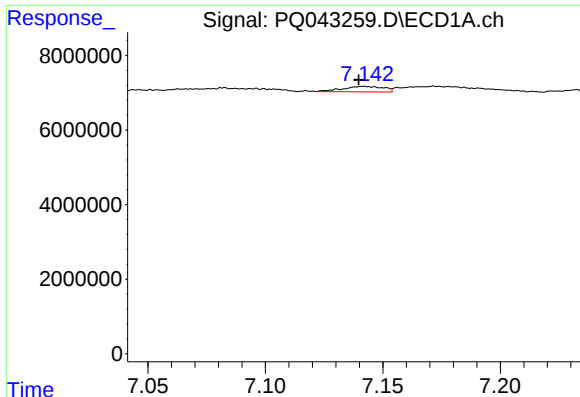
#15 AR-1232-5

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 37533384
Conc: 869.01 ng/ml



#15 AR-1232-5

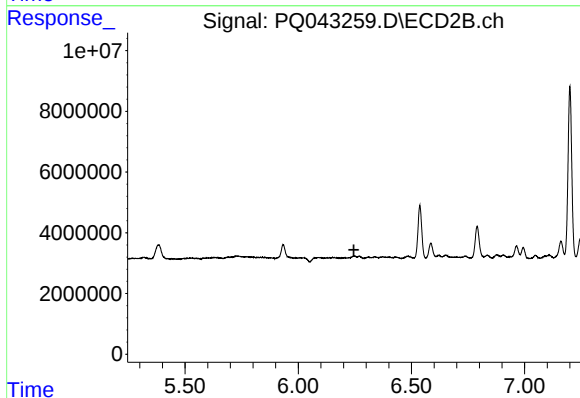
R.T.: 6.791 min
Delta R.T.: 0.001 min
Response: 13205875
Conc: 392.29 ng/ml



#16 AR-1242-1

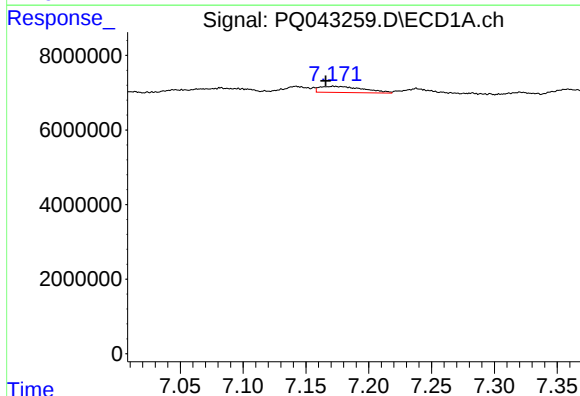
R.T.: 7.142 min
Delta R.T.: 0.002 min
Response: 1773630
Conc: 9.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



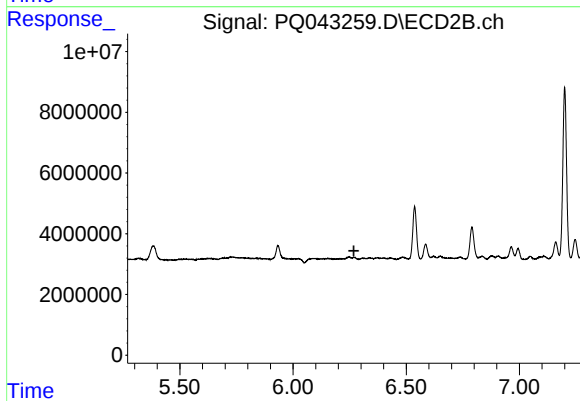
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.246 min
Response: 0
Conc: N.D.



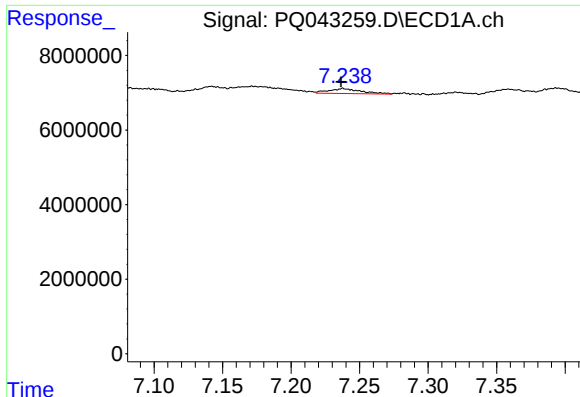
#17 AR-1242-2

R.T.: 7.172 min
Delta R.T.: 0.006 min
Response: 3980972
Conc: 13.88 ng/ml



#17 AR-1242-2

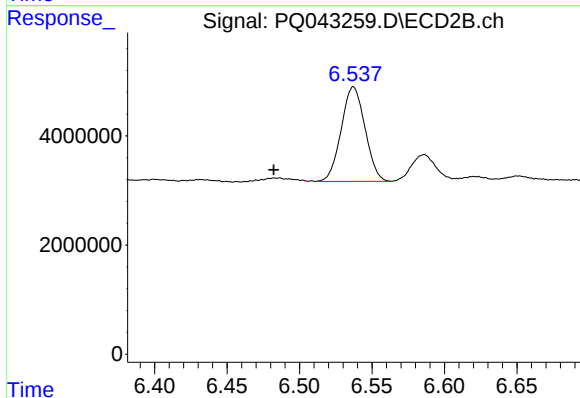
R.T.: 0.000 min
Exp R.T. : 6.269 min
Response: 0
Conc: N.D.



#18 AR-1242-3

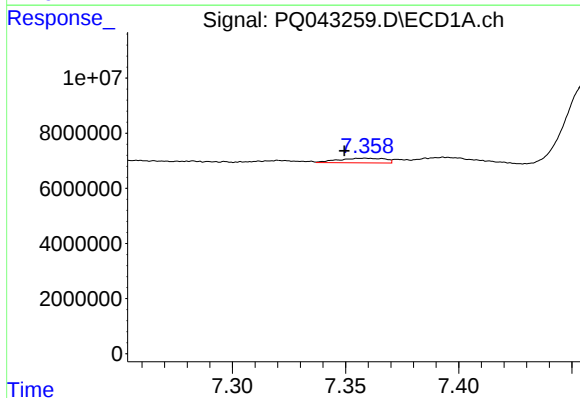
R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 2174051
Conc: 12.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



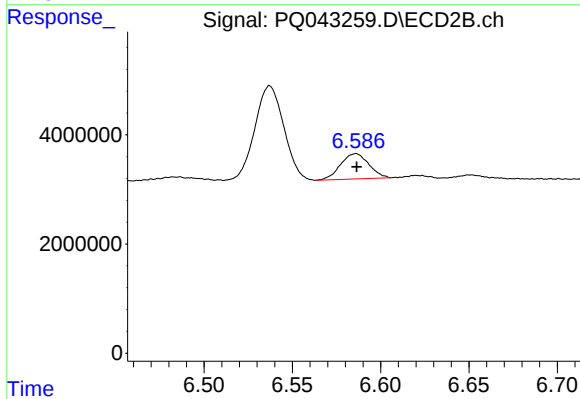
#18 AR-1242-3

R.T.: 6.537 min
Delta R.T.: 0.055 min
Response: 19834411
Conc: 273.76 ng/ml



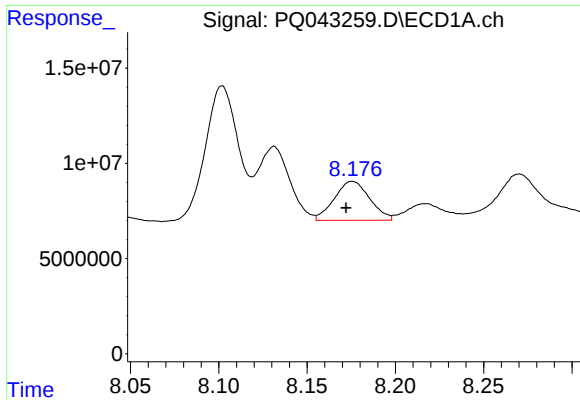
#19 AR-1242-4

R.T.: 7.359 min
Delta R.T.: 0.009 min
Response: 2409501
Conc: 16.14 ng/ml



#19 AR-1242-4

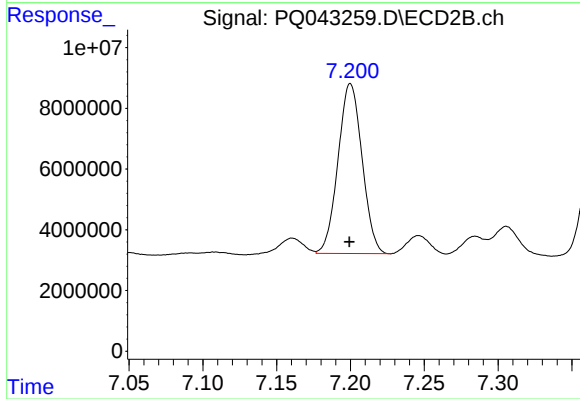
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 5149270
Conc: 71.75 ng/ml



#20 AR-1242-5

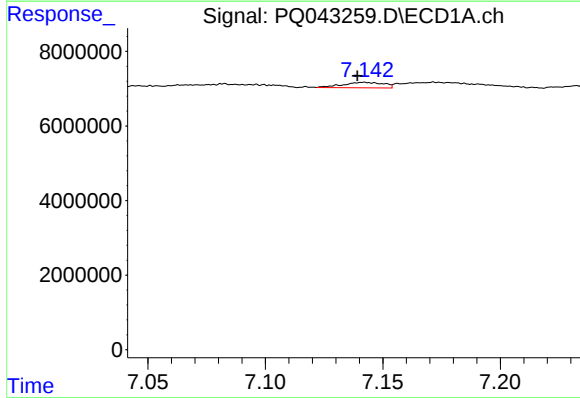
R.T.: 8.176 min
Delta R.T.: 0.004 min
Response: 28544539
Conc: 160.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



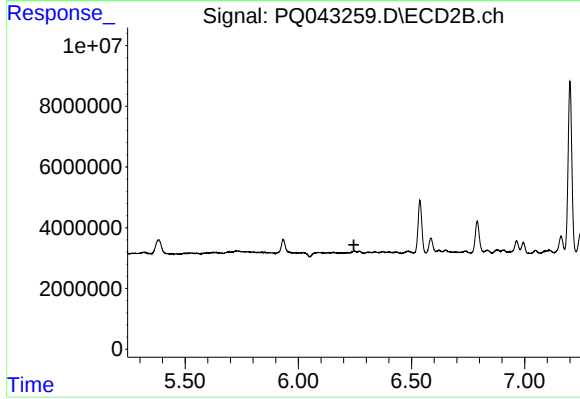
#20 AR-1242-5

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 63426820
Conc: 577.15 ng/ml



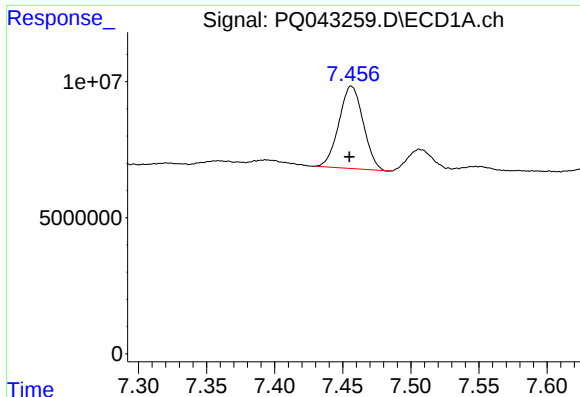
#21 AR-1248-1

R.T.: 7.142 min
Delta R.T.: 0.003 min
Response: 1773630
Conc: 11.83 ng/ml



#21 AR-1248-1

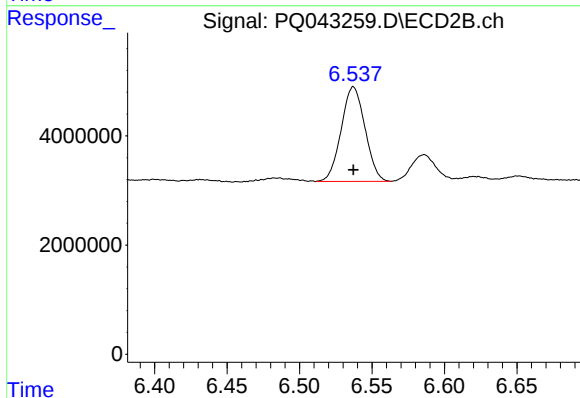
R.T.: 0.000 min
Exp R.T.: 6.246 min
Response: 0
Conc: N.D.



#22 AR-1248-2

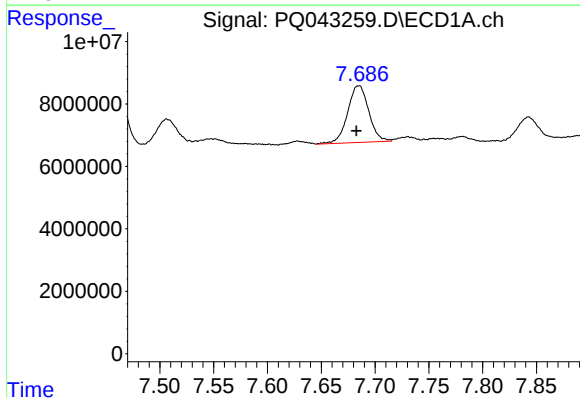
R.T.: 7.456 min
Delta R.T.: 0.001 min
Response: 37533384
Conc: 197.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



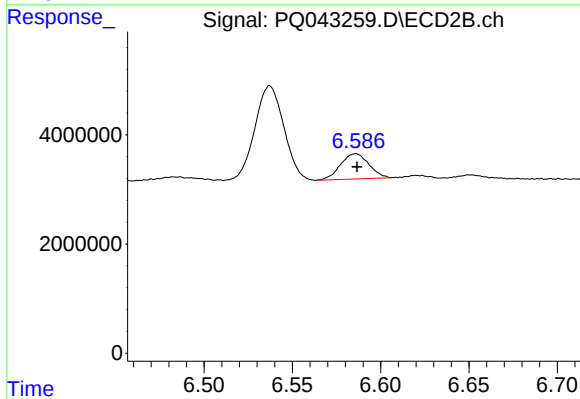
#22 AR-1248-2

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 19834411
Conc: 191.00 ng/ml



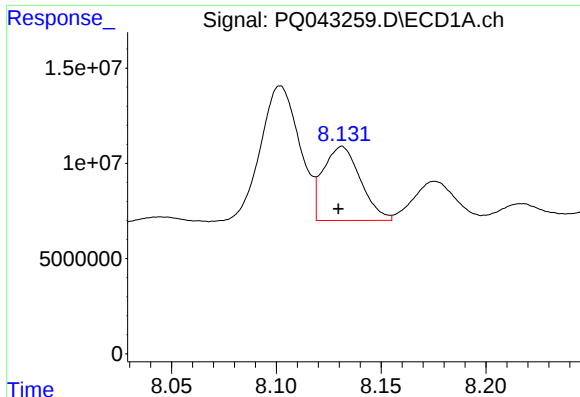
#23 AR-1248-3

R.T.: 7.686 min
Delta R.T.: 0.003 min
Response: 24733493
Conc: 102.27 ng/ml



#23 AR-1248-3

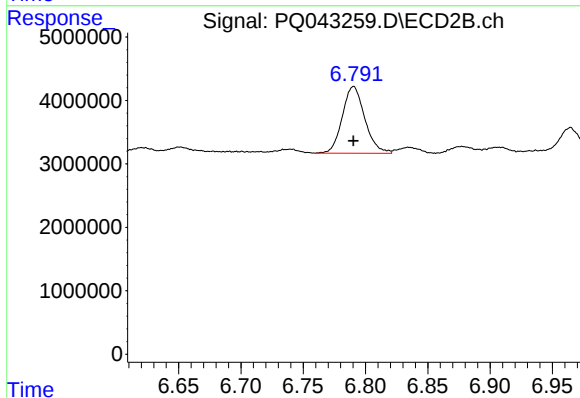
R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 5149270
Conc: 47.86 ng/ml



#24 AR-1248-4

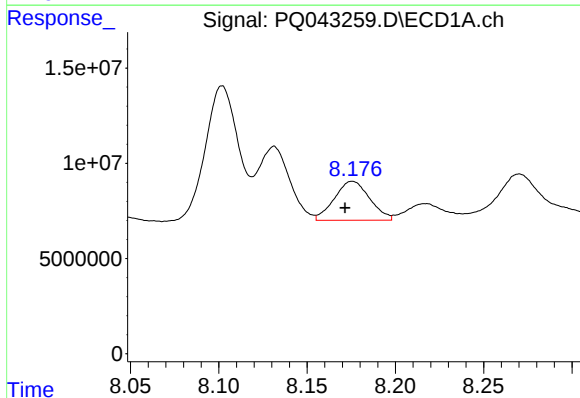
R.T.: 8.131 min
Delta R.T.: 0.002 min
Response: 48299115
Conc: 160.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



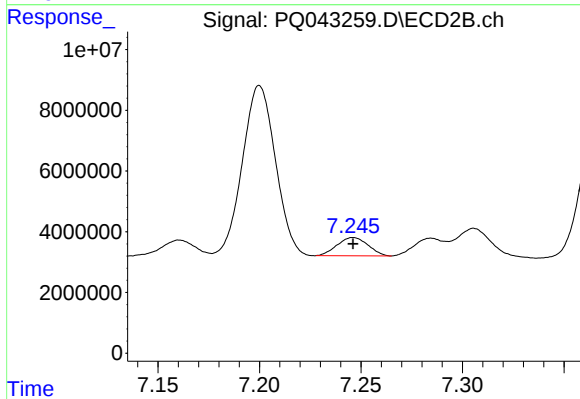
#24 AR-1248-4

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 13205875
Conc: 99.51 ng/ml



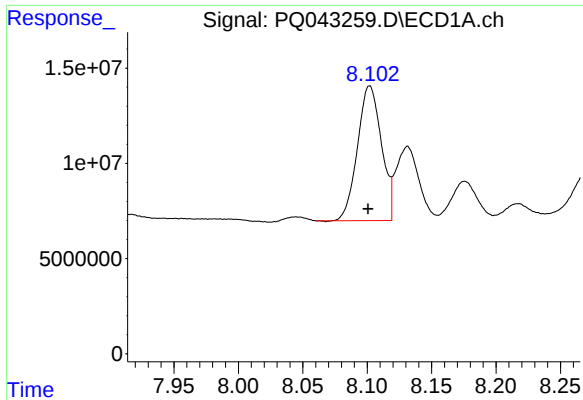
#25 AR-1248-5

R.T.: 8.176 min
Delta R.T.: 0.004 min
Response: 28544539
Conc: 97.34 ng/ml



#25 AR-1248-5

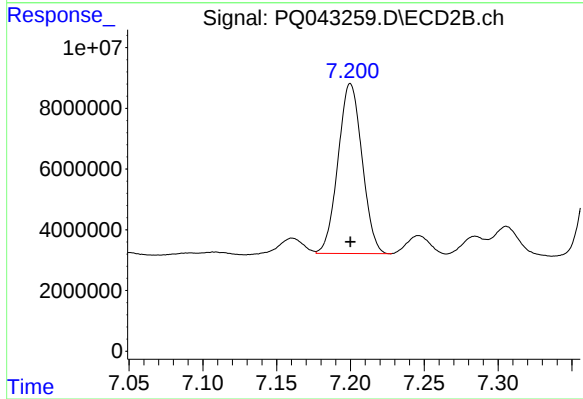
R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 6394327
Conc: 44.25 ng/ml



#26 AR-1254-1

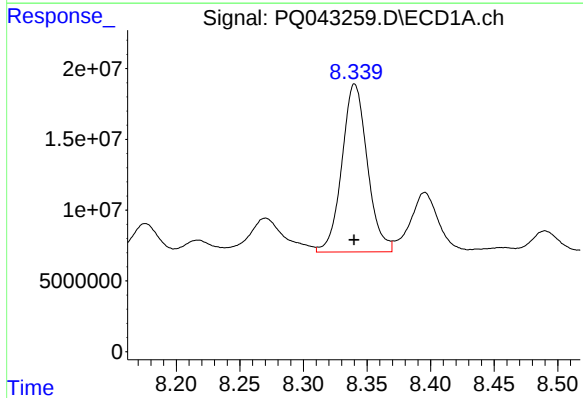
R.T.: 8.102 min
Delta R.T.: 0.001 min
Response: 91410700
Conc: 313.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



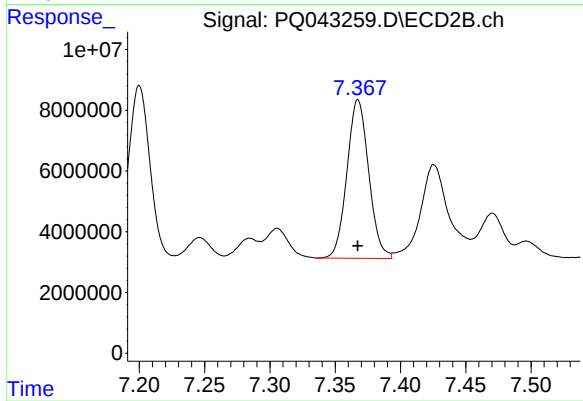
#26 AR-1254-1

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 63426820
Conc: 280.18 ng/ml



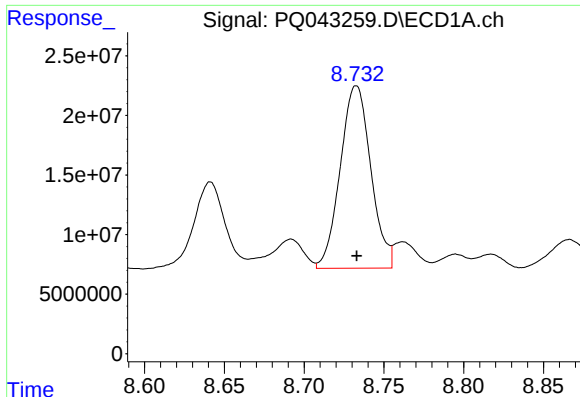
#27 AR-1254-2

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 165405574
Conc: 335.40 ng/ml



#27 AR-1254-2

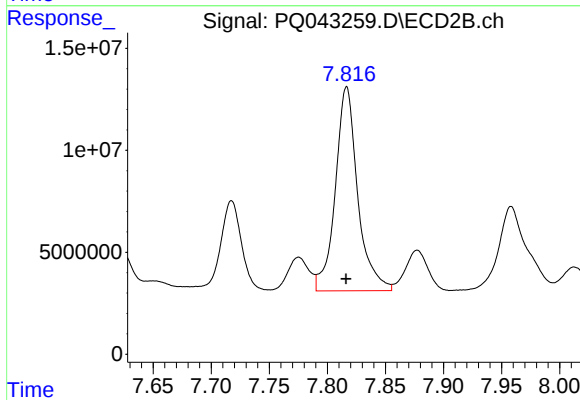
R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 60601367
Conc: 289.91 ng/ml



#28 AR-1254-3

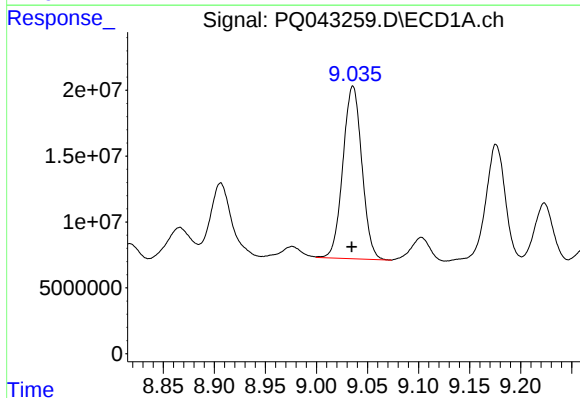
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 204424733
Conc: 372.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



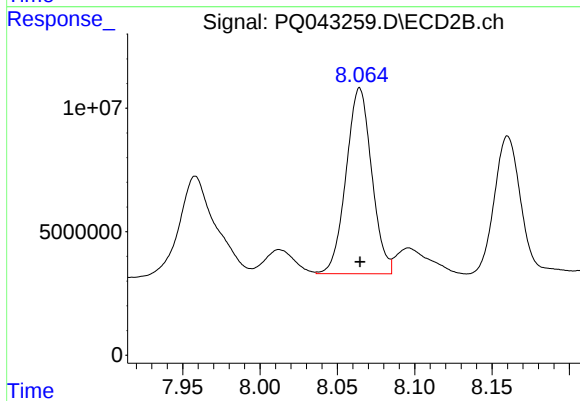
#28 AR-1254-3

R.T.: 7.817 min
Delta R.T.: 0.000 min
Response: 134115841
Conc: 358.56 ng/ml



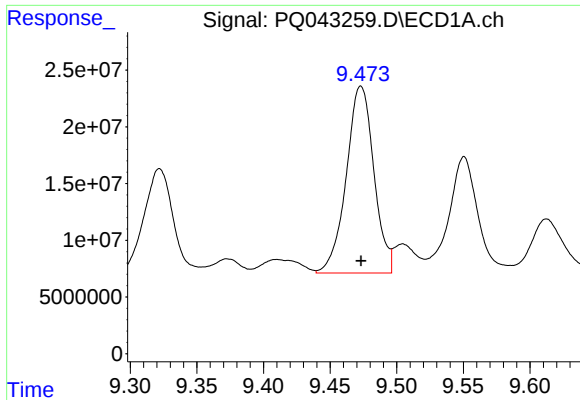
#29 AR-1254-4

R.T.: 9.036 min
Delta R.T.: 0.001 min
Response: 169732724
Conc: 399.04 ng/ml



#29 AR-1254-4

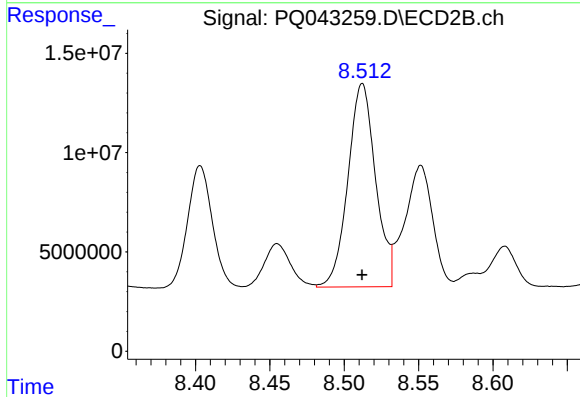
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 86806207
Conc: 359.33 ng/ml



#30 AR-1254-5

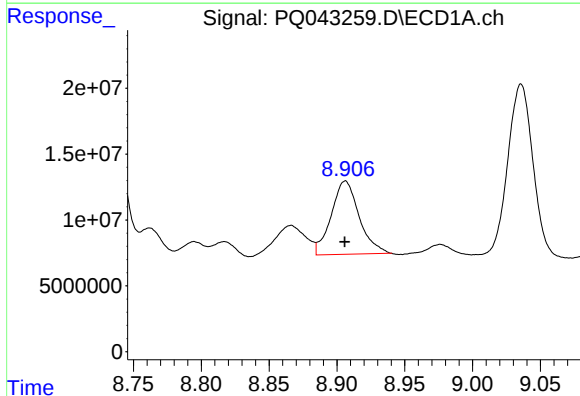
R.T.: 9.473 min
Delta R.T.: 0.000 min
Response: 237515398
Conc: 523.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



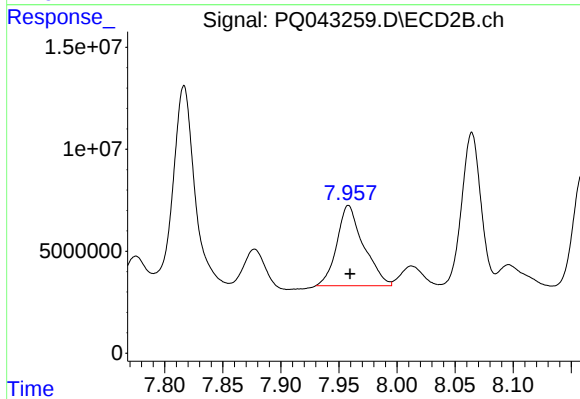
#30 AR-1254-5

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 132328959
Conc: 365.10 ng/ml



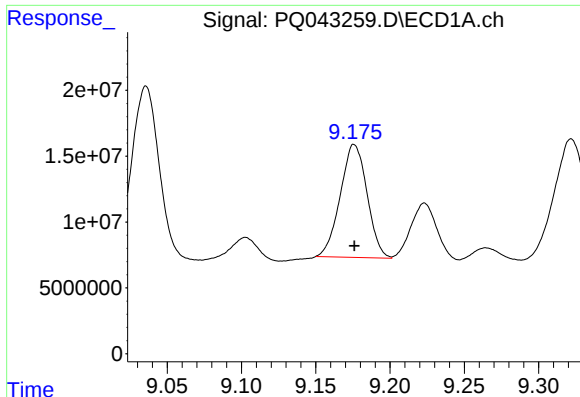
#31 AR-1260-1

R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 80230657
Conc: 230.41 ng/ml



#31 AR-1260-1

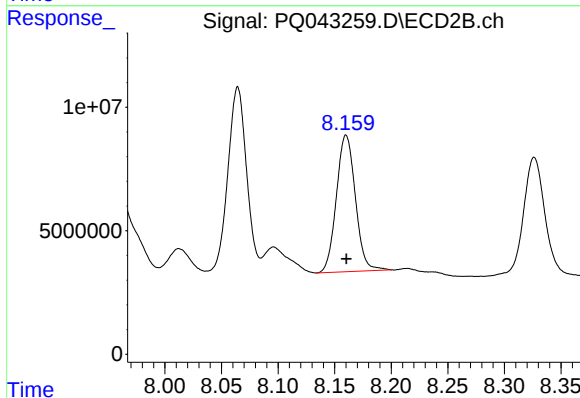
R.T.: 7.958 min
Delta R.T.: -0.001 min
Response: 62865861
Conc: 279.71 ng/ml



#32 AR-1260-2

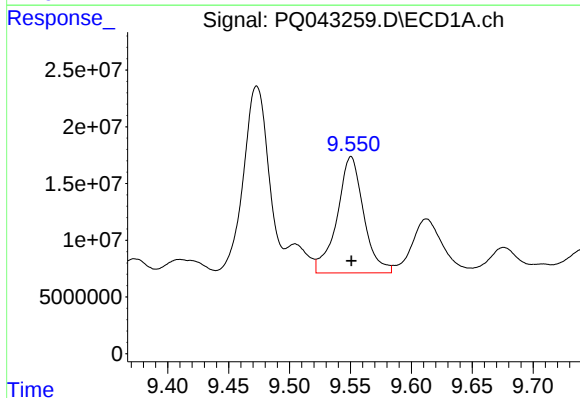
R.T.: 9.176 min
Delta R.T.: 0.000 min
Response: 107694360
Conc: 277.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



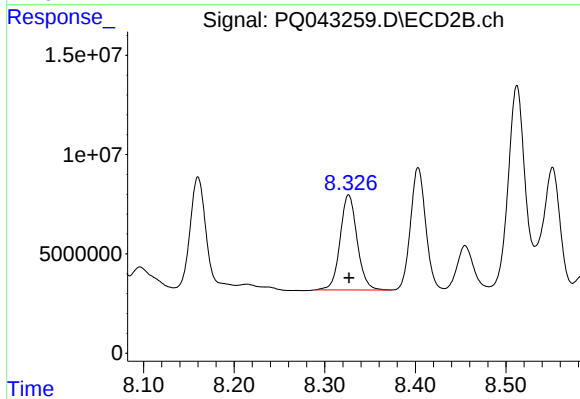
#32 AR-1260-2

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 64663509
Conc: 218.43 ng/ml



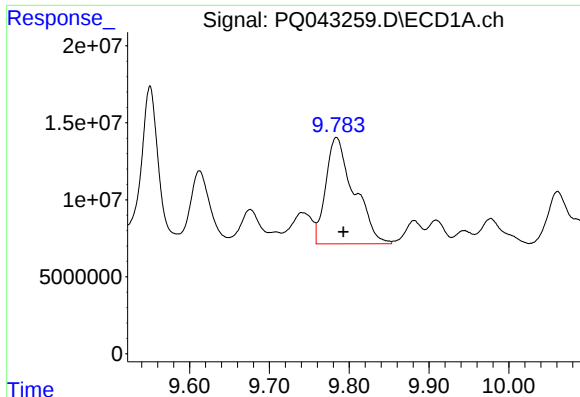
#33 AR-1260-3

R.T.: 9.551 min
Delta R.T.: 0.000 min
Response: 155495761
Conc: 440.28 ng/ml



#33 AR-1260-3

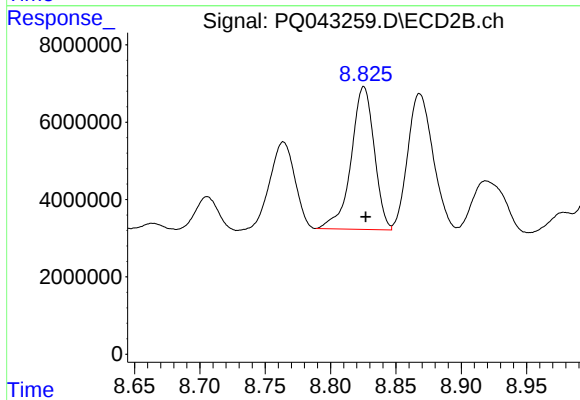
R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 62495727
Conc: 235.71 ng/ml



#34 AR-1260-4

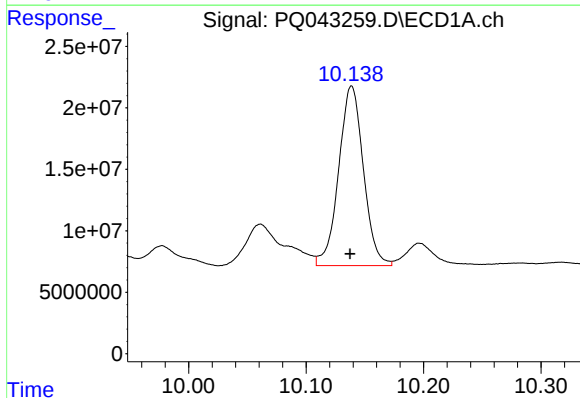
R.T.: 9.784 min
Delta R.T.: -0.009 min
Response: 169939113
Conc: 392.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



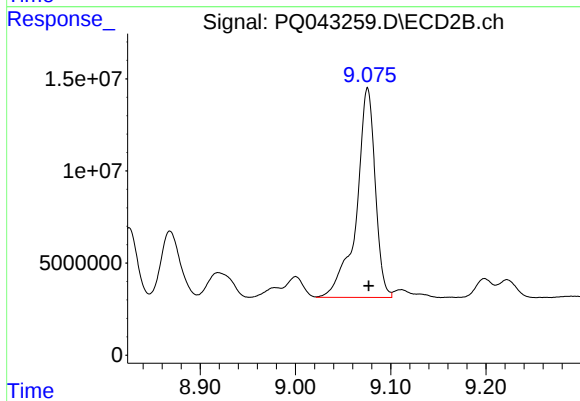
#34 AR-1260-4

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 45305188
Conc: 189.72 ng/ml



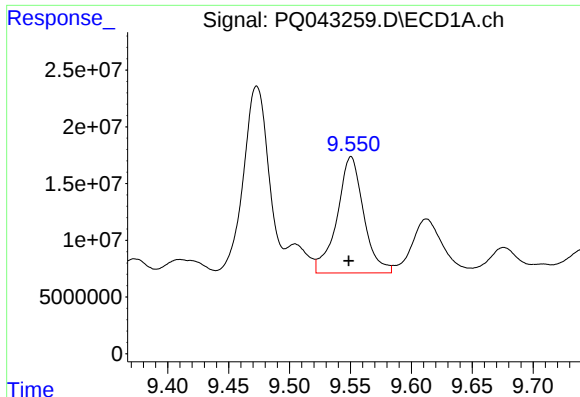
#35 AR-1260-5

R.T.: 10.139 min
Delta R.T.: 0.001 min
Response: 213905079
Conc: 225.65 ng/ml



#35 AR-1260-5

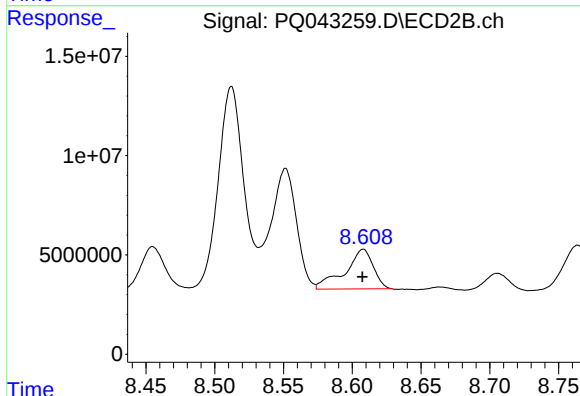
R.T.: 9.076 min
Delta R.T.: -0.001 min
Response: 155679648
Conc: 239.09 ng/ml



#36 AR-1262-1

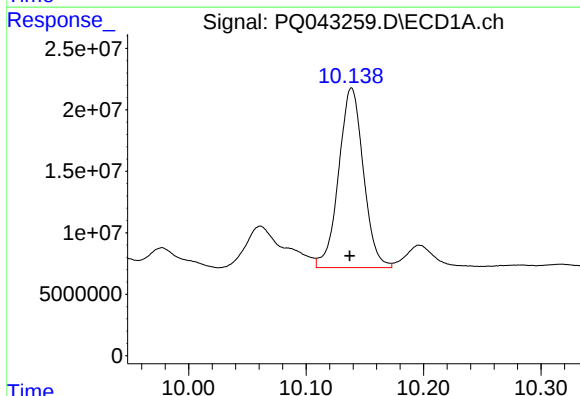
R.T.: 9.551 min
Delta R.T.: 0.002 min
Response: 155495761
Conc: 243.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



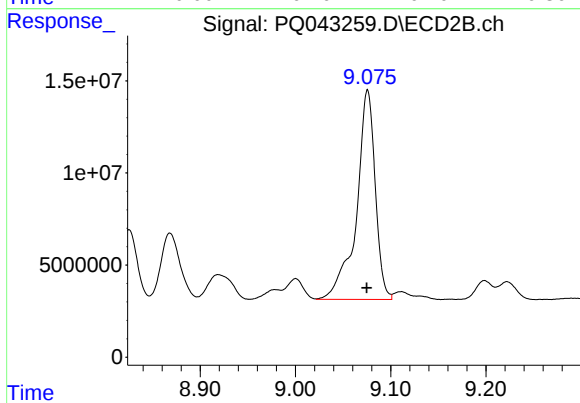
#36 AR-1262-1

R.T.: 8.608 min
Delta R.T.: 0.000 min
Response: 28673329
Conc: 182.13 ng/ml



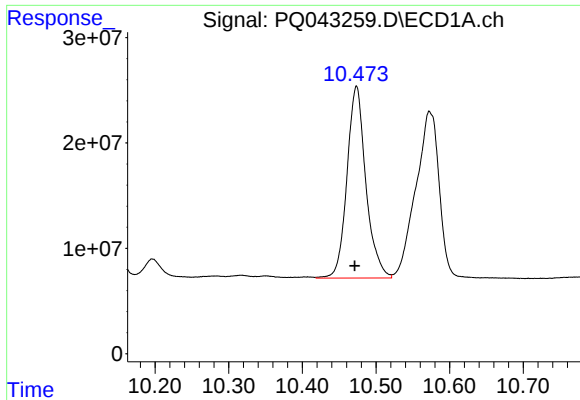
#37 AR-1262-2

R.T.: 10.139 min
Delta R.T.: 0.001 min
Response: 213905079
Conc: 174.86 ng/ml



#37 AR-1262-2

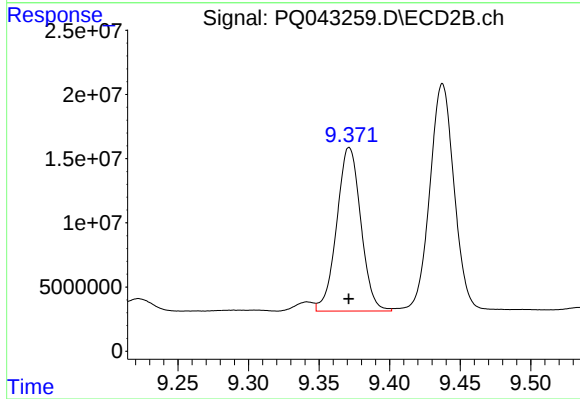
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 155679648
Conc: 191.96 ng/ml



#38 AR-1262-3

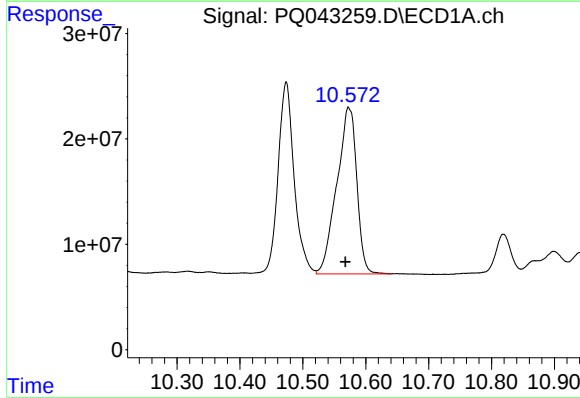
R.T.: 10.474 min
Delta R.T.: 0.002 min
Response: 324265525
Conc: 376.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



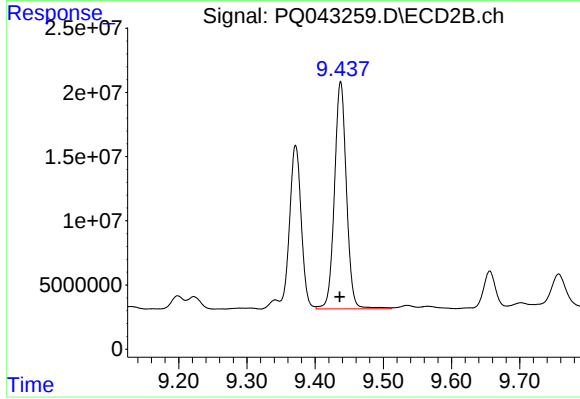
#38 AR-1262-3

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 151478092
Conc: 462.53 ng/ml



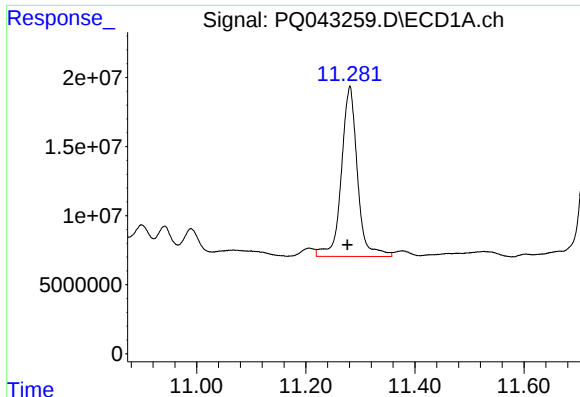
#39 AR-1262-4

R.T.: 10.573 min
Delta R.T.: 0.005 min
Response: 348800122
Conc: 520.84 ng/ml



#39 AR-1262-4

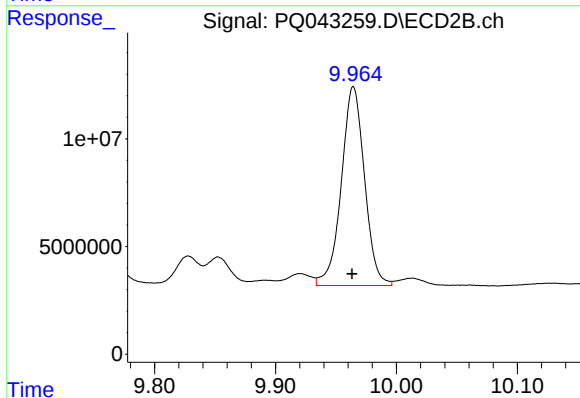
R.T.: 9.437 min
Delta R.T.: 0.001 min
Response: 216059461
Conc: 351.58 ng/ml



#40 AR-1262-5

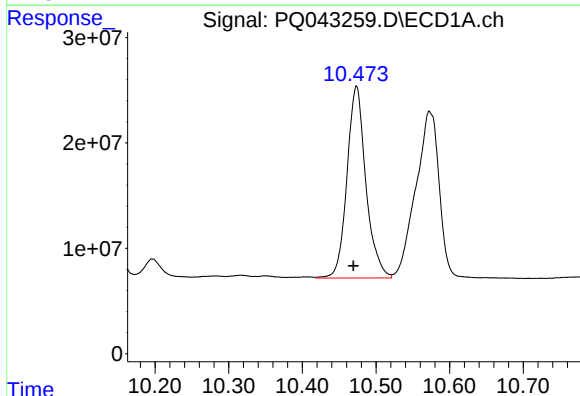
R.T.: 11.281 min
Delta R.T.: 0.005 min
Response: 251289226
Conc: 544.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



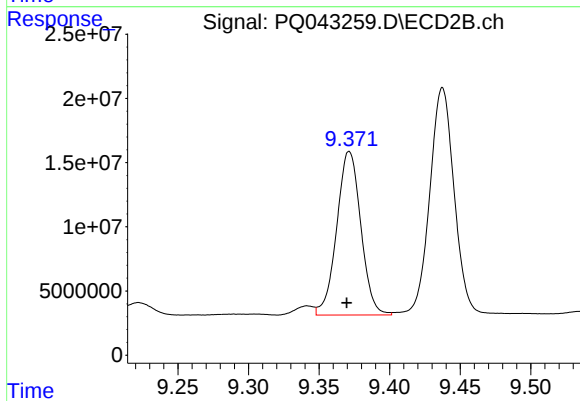
#40 AR-1262-5

R.T.: 9.964 min
Delta R.T.: 0.001 min
Response: 123014371
Conc: 409.86 ng/ml



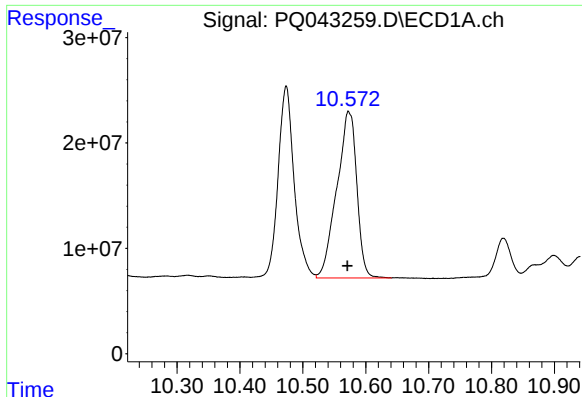
#41 AR-1268-1

R.T.: 10.474 min
Delta R.T.: 0.004 min
Response: 324265525
Conc: 240.82 ng/ml



#41 AR-1268-1

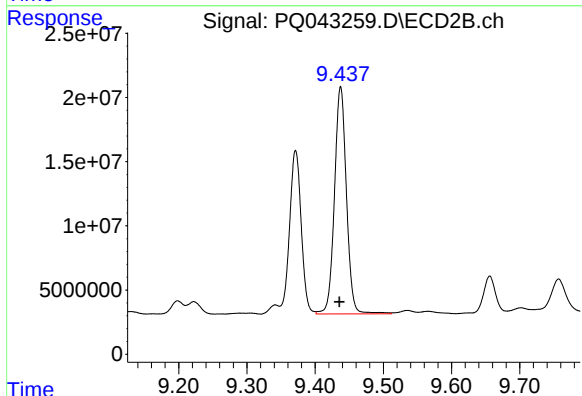
R.T.: 9.371 min
Delta R.T.: 0.002 min
Response: 151478092
Conc: 180.64 ng/ml



#42 AR-1268-2

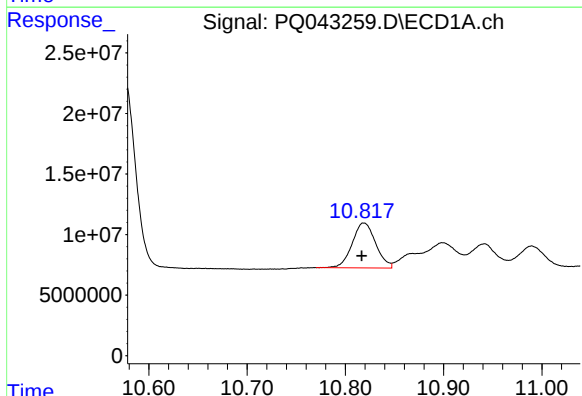
R.T.: 10.573 min
Delta R.T.: 0.002 min
Response: 348800122
Conc: 276.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



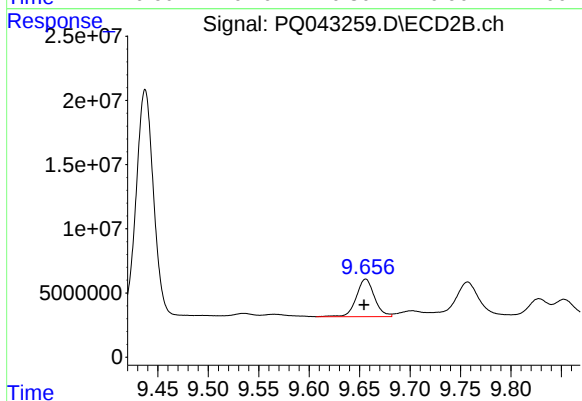
#42 AR-1268-2

R.T.: 9.437 min
Delta R.T.: 0.002 min
Response: 216059461
Conc: 275.48 ng/ml



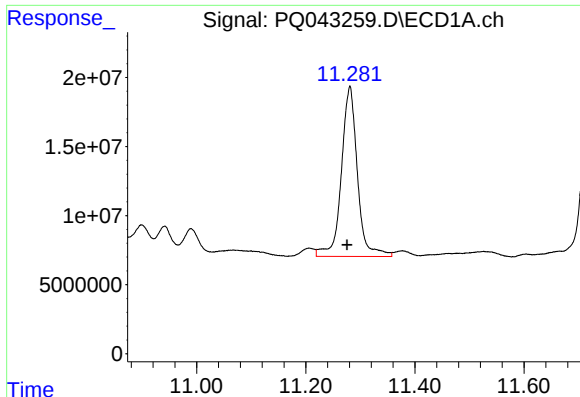
#43 AR-1268-3

R.T.: 10.819 min
Delta R.T.: 0.002 min
Response: 61790511
Conc: 59.72 ng/ml



#43 AR-1268-3

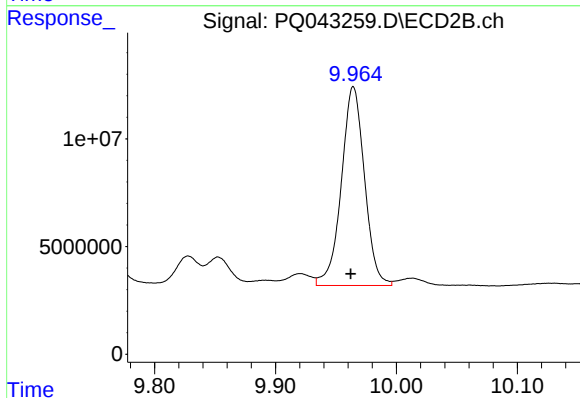
R.T.: 9.656 min
Delta R.T.: 0.002 min
Response: 36598323
Conc: 56.45 ng/ml



#44 AR-1268-4

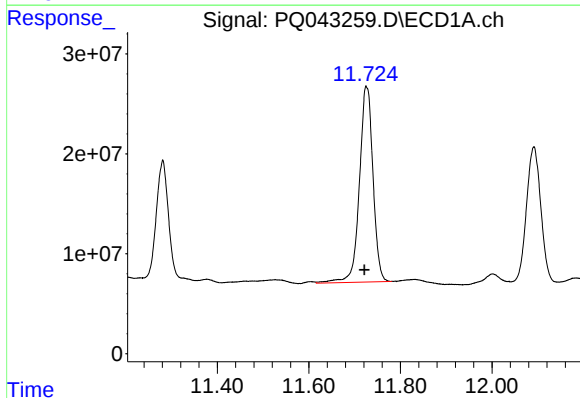
R.T.: 11.281 min
Delta R.T.: 0.005 min
Response: 251289226
Conc: 519.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D14



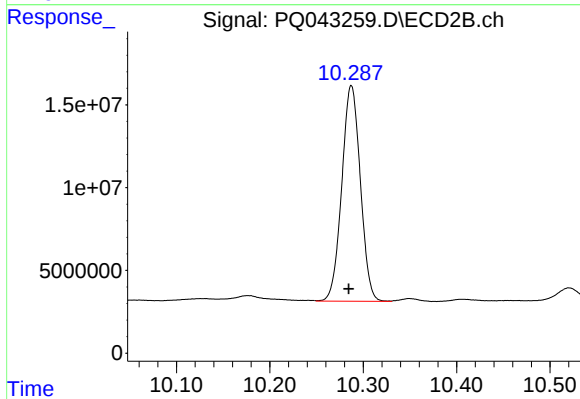
#44 AR-1268-4

R.T.: 9.964 min
Delta R.T.: 0.002 min
Response: 123014371
Conc: 420.75 ng/ml



#45 AR-1268-5

R.T.: 11.726 min
Delta R.T.: 0.004 min
Response: 403045802
Conc: 105.89 ng/ml



#45 AR-1268-5

R.T.: 10.287 min
Delta R.T.: 0.003 min
Response: 180023471
Conc: 85.02 ng/ml