

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
 Data File : PQ043096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2019 12:43
 Operator : SM\AJ
 Sample : K4556-02DL2 50X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0AQ6DL2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 05:24:54 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							
2)	SA Decachlor...	11.970	10.415	16575519	11170235	1.963	1.663
Target Compounds							
3)	L1 AR-1016-1	7.091	6.132	14110736	2781849	135.823	28.202 #
4)	L1 AR-1016-2	7.091	6.152	14110736	8976107	88.509	59.171 #
5)	L1 AR-1016-3	0.000	6.367	0	4775090	N.D.	63.529 #
6)	L1 AR-1016-4	7.276	6.421	5713297	26482179	71.312	381.200 #
7)	L1 AR-1016-5	7.607	6.673	19496186	23520387	237.992	261.036
9)	L2 AR-1221-2	0.000	5.189	0	2004191	N.D.	79.738 #
10)	L2 AR-1221-3	0.000	5.189	0	2004191	N.D.	24.094 #
11)	L3 AR-1232-1	0.000	5.189	0	2004191	N.D.	26.447 #
12)	L3 AR-1232-2	0.000	6.152	0	8976107	N.D.	107.175 #
13)	L3 AR-1232-3	7.091	6.367	14110736	4775090	170.140	110.970 #
14)	L3 AR-1232-4	7.276	6.469	5713297	10955287	132.716	255.550 #
15)	L3 AR-1232-5	7.380	6.673	26422348	23520387	923.572	519.926 #
16)	L4 AR-1242-1	7.091	6.152	14110736	8976107	138.686	91.190 #
17)	L4 AR-1242-2	7.091	6.152	14110736	8976107	92.632	60.425 #
18)	L4 AR-1242-3	0.000	6.367	0	4775090	N.D.	62.833 #
19)	L4 AR-1242-4	7.276	6.469	5713297	10955287	74.219	131.339 #
20)	L4 AR-1242-5	8.099	7.082	36323913	91883306	379.318	806.445 #
21)	L5 AR-1248-1	7.091	6.132	14110736	2781849	178.510	35.094 #
22)	L5 AR-1248-2	7.380	6.421	26422348	26482179	233.450	223.710
23)	L5 AR-1248-3	7.607	6.469	19496186	10955287	144.202	90.701 #
24)	L5 AR-1248-4	8.057	6.673	33432445	23520387	206.325	160.601
25)	L5 AR-1248-5	8.099	7.128	36323913	22258254	231.785	142.899 #
26)	L6 AR-1254-1	8.027	7.082	69566200	91883306	416.313	374.651
27)	L6 AR-1254-2	8.265	7.251	136.0E6	99980595	505.813	448.262
28)	L6 AR-1254-3	8.659	7.698	188.7E6	202.5E6	626.532	538.748
29)	L6 AR-1254-4	8.962	7.947	149.1E6	145.4E6	654.385	601.191
30)	L6 AR-1254-5	9.402	8.393	192.6E6	249.7E6	711.189	676.518
31)	L7 AR-1260-1	8.831	7.839	70876240	100.2E6	395.607	517.050 #
32)	L7 AR-1260-2	9.102	8.044	108.8E6	104.1E6	462.534	408.918
33)	L7 AR-1260-3	9.467	8.206	12260652	88773288	57.377	389.645 #
34)	L7 AR-1260-4	9.708	8.705	88640471	12766138	375.947	59.169 #
35)	L7 AR-1260-5	10.060	8.957	63433121	44051147	111.312	75.543 #
36)	L8 AR-1262-1	9.467	8.487	12260652	8735803	30.517	47.161 #
37)	L8 AR-1262-2	10.060	8.957	63433121	44051147	79.308	51.000 #
38)	L8 AR-1262-3	10.410	9.250	32933623	4850114	55.613	12.946 #
39)	L8 AR-1262-4	10.467	9.316	11668062	45360756	23.428	66.072 #
40)	L8 AR-1262-5	0.000	9.835	0	7906257	N.D.	24.059 #
41)	L9 AR-1268-1	10.410	9.250	32933623	4850114	30.646	4.532 #
42)	L9 AR-1268-2	10.467	9.316	11668062	45360756	11.120	44.147 #
43)	L9 AR-1268-3	0.000	9.533	0	3940046	N.D.	4.467 #
44)	L9 AR-1268-4	0.000	9.835	0	7906257	N.D.	22.189 #

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 Acq On : 28 Aug 2019 12:43
 Operator : SM\AJ
 Sample : K4556-02DL2 50X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

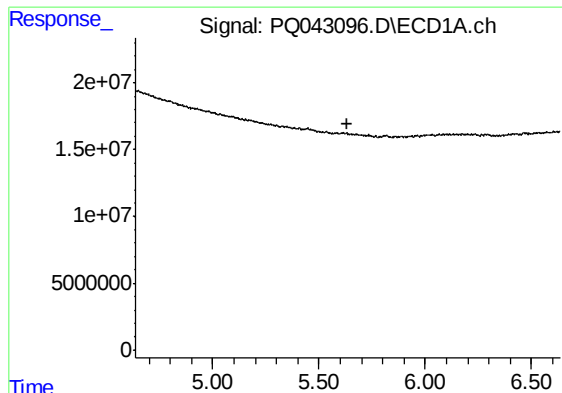
Instrument :
 ECD_Q
 ClientSampleId :
 C0AQ6DL2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 05:24:54 2019
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 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	0.000	10.142	0	17688211	N.D.	6.326 #

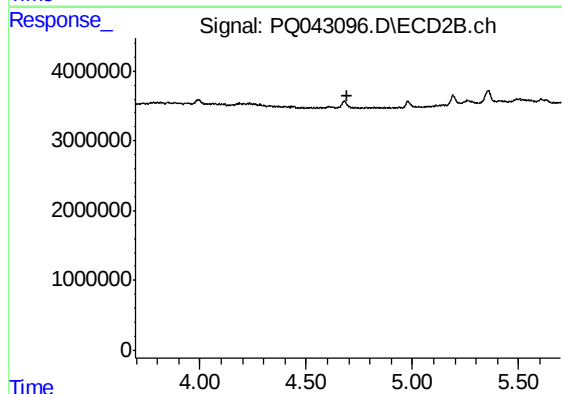
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

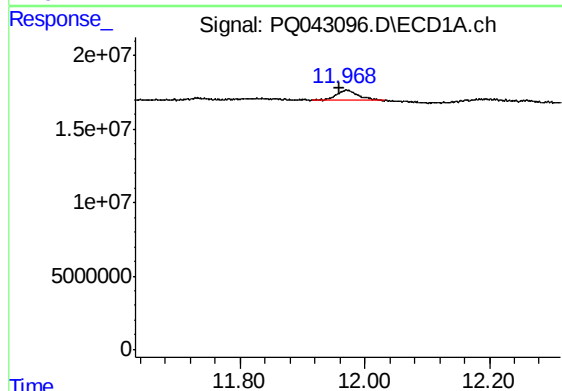
R.T.: 0.000 min
Exp R.T. : 5.636 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



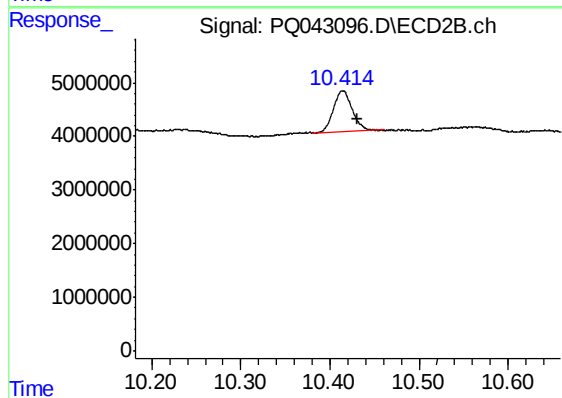
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.



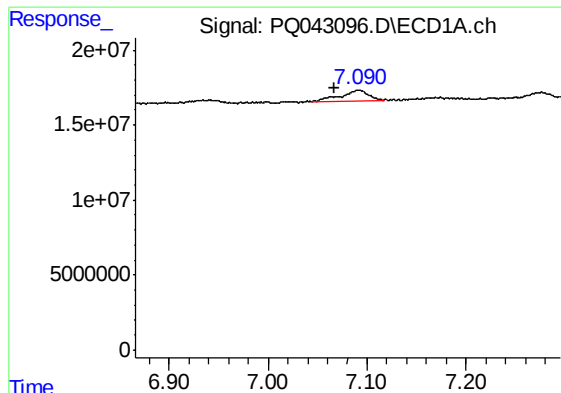
#2 Decachlorobiphenyl

R.T.: 11.970 min
Delta R.T.: 0.010 min
Response: 16575519
Conc: 1.96 ng/ml



#2 Decachlorobiphenyl

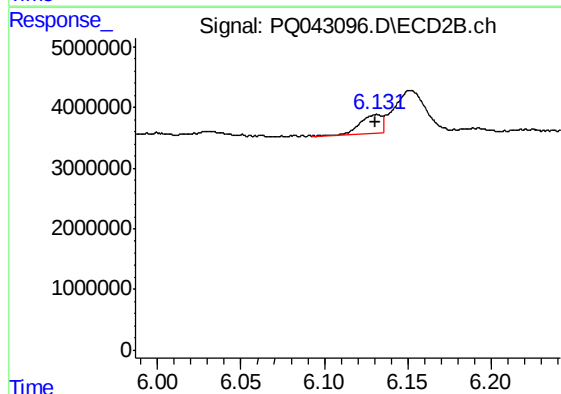
R.T.: 10.415 min
Delta R.T.: -0.016 min
Response: 11170235
Conc: 1.66 ng/ml



#3 AR-1016-1

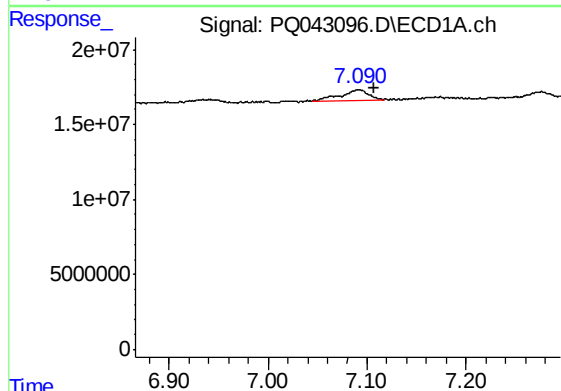
R.T.: 7.091 min
Delta R.T.: 0.024 min
Response: 14110736
Conc: 135.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



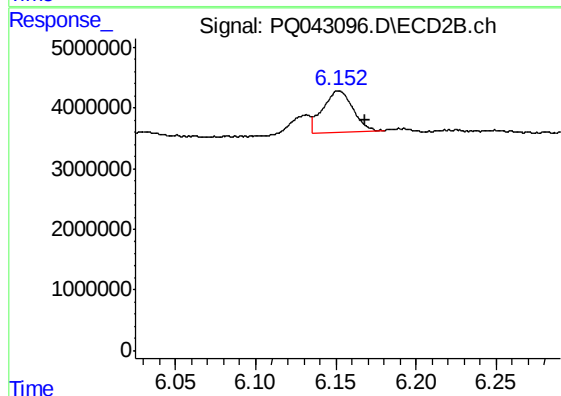
#3 AR-1016-1

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 2781849
Conc: 28.20 ng/ml



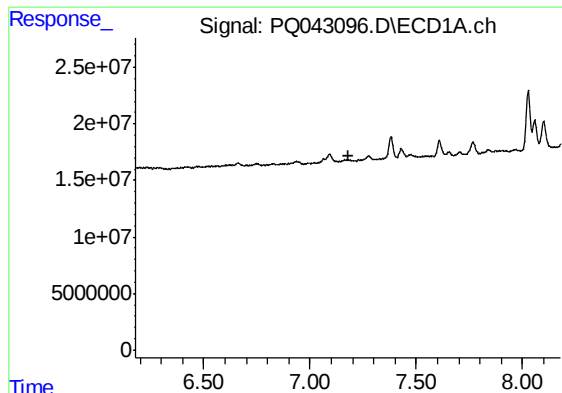
#4 AR-1016-2

R.T.: 7.091 min
Delta R.T.: -0.016 min
Response: 14110736
Conc: 88.51 ng/ml



#4 AR-1016-2

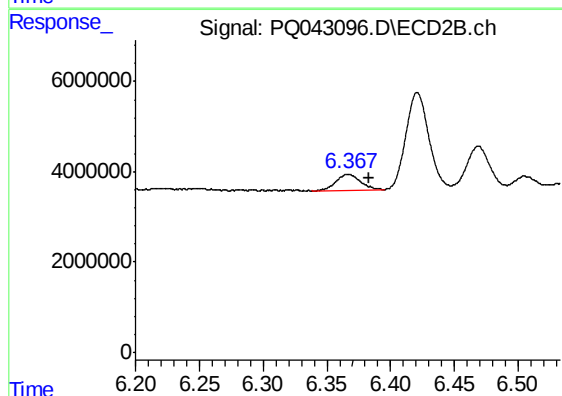
R.T.: 6.152 min
Delta R.T.: -0.016 min
Response: 8976107
Conc: 59.17 ng/ml



#5 AR-1016-3

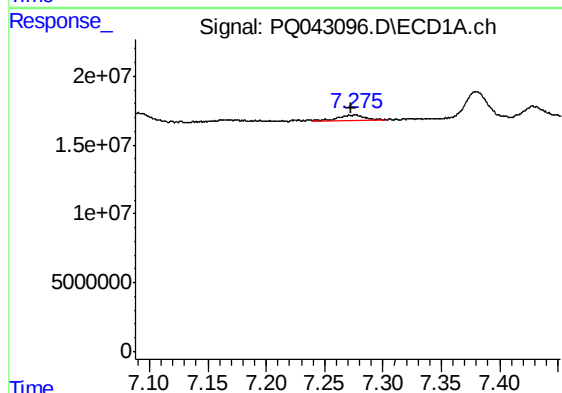
R.T.: 0.000 min
Exp R.T.: 7.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



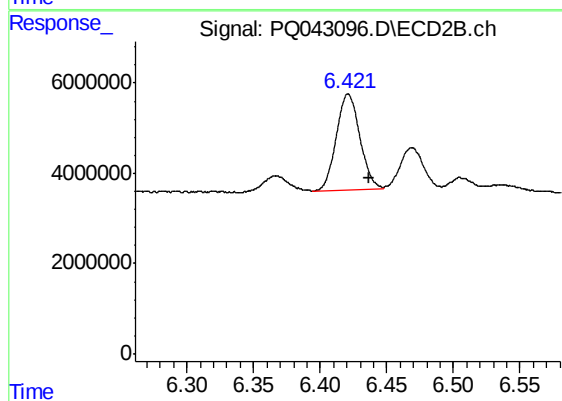
#5 AR-1016-3

R.T.: 6.367 min
Delta R.T.: -0.016 min
Response: 4775090
Conc: 63.53 ng/ml



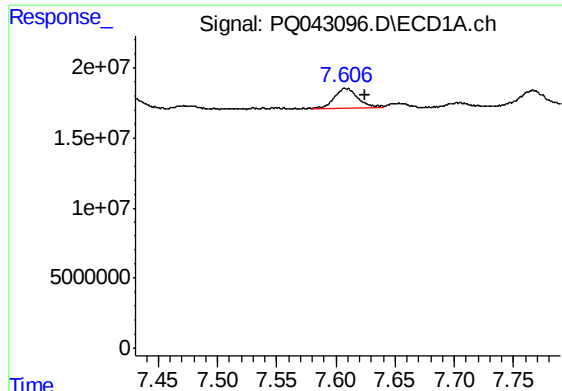
#6 AR-1016-4

R.T.: 7.276 min
Delta R.T.: 0.003 min
Response: 5713297
Conc: 71.31 ng/ml



#6 AR-1016-4

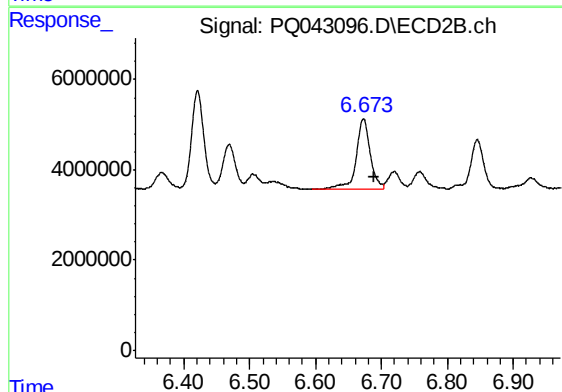
R.T.: 6.421 min
Delta R.T.: -0.015 min
Response: 26482179
Conc: 381.20 ng/ml



#7 AR-1016-5

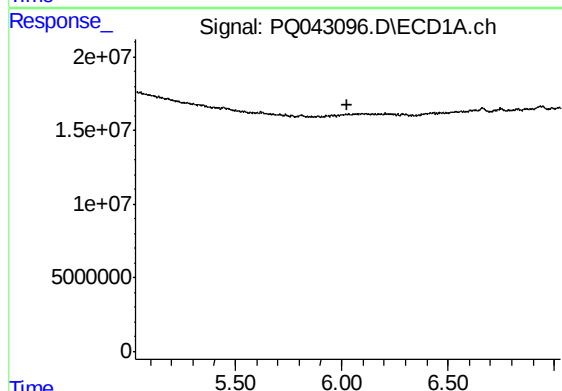
R.T.: 7.607 min
Delta R.T.: -0.018 min
Response: 19496186
Conc: 237.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



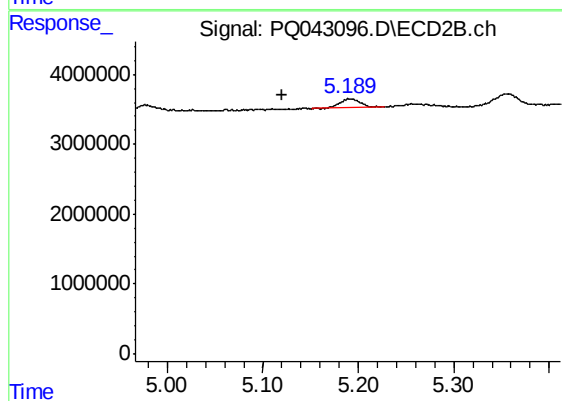
#7 AR-1016-5

R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 23520387
Conc: 261.04 ng/ml



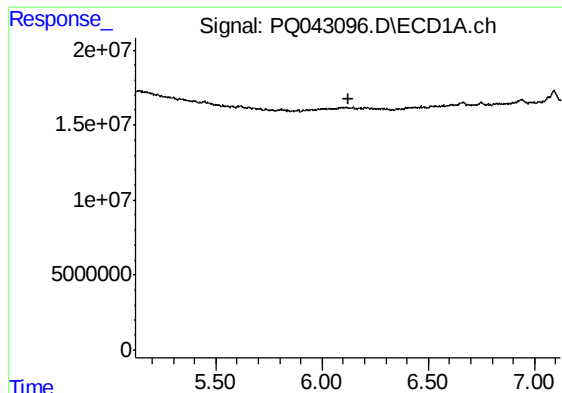
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.029 min
Response: 0
Conc: N.D.



#9 AR-1221-2

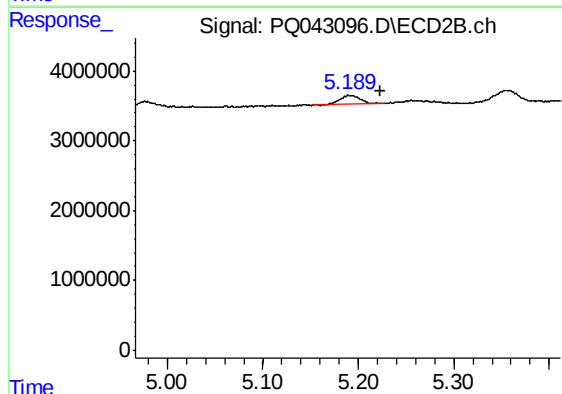
R.T.: 5.189 min
Delta R.T.: 0.070 min
Response: 2004191
Conc: 79.74 ng/ml



#10 AR-1221-3

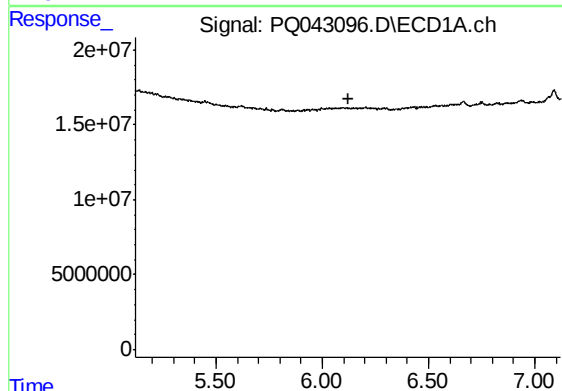
R.T.: 0.000 min
Exp R.T. : 6.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



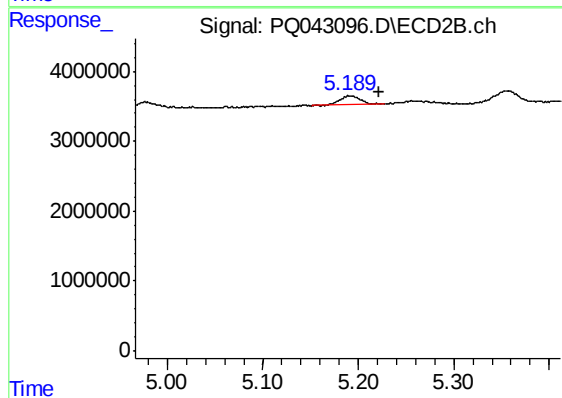
#10 AR-1221-3

R.T.: 5.189 min
Delta R.T.: -0.034 min
Response: 2004191
Conc: 24.09 ng/ml



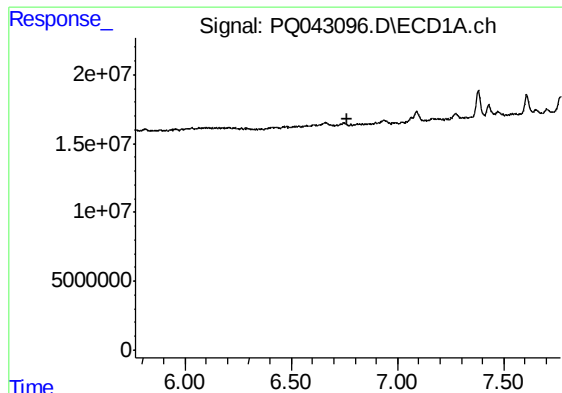
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 6.121 min
Response: 0
Conc: N.D.



#11 AR-1232-1

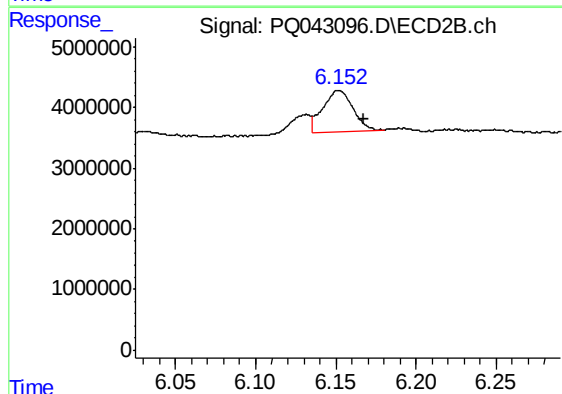
R.T.: 5.189 min
Delta R.T.: -0.033 min
Response: 2004191
Conc: 26.45 ng/ml



#12 AR-1232-2

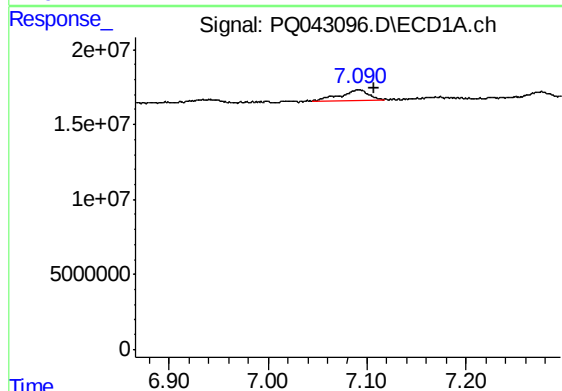
R.T.: 0.000 min
Exp R.T.: 6.767 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



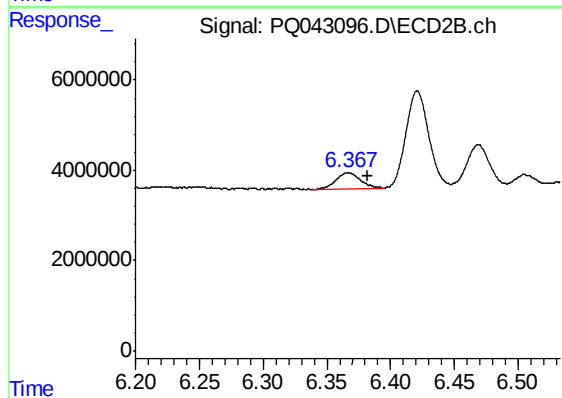
#12 AR-1232-2

R.T.: 6.152 min
Delta R.T.: -0.016 min
Response: 8976107
Conc: 107.17 ng/ml



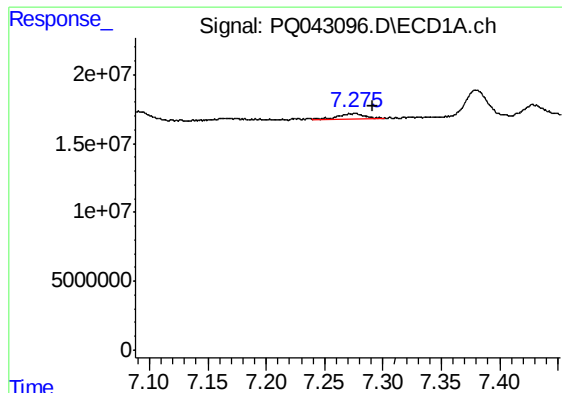
#13 AR-1232-3

R.T.: 7.091 min
Delta R.T.: -0.016 min
Response: 14110736
Conc: 170.14 ng/ml



#13 AR-1232-3

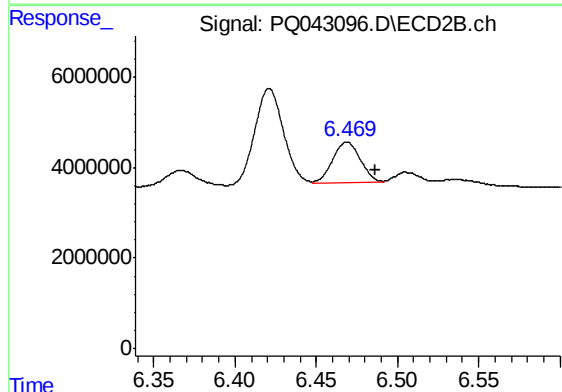
R.T.: 6.367 min
Delta R.T.: -0.015 min
Response: 4775090
Conc: 110.97 ng/ml



#14 AR-1232-4

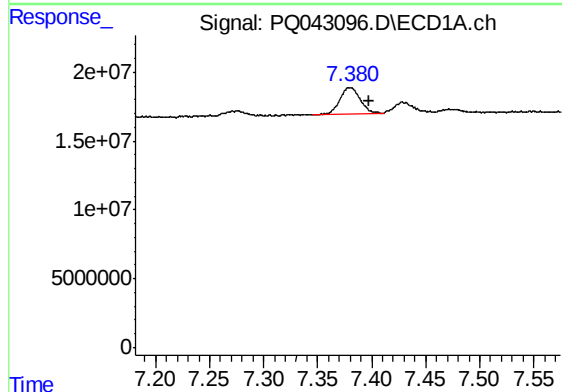
R.T.: 7.276 min
Delta R.T.: -0.016 min
Response: 5713297
Conc: 132.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



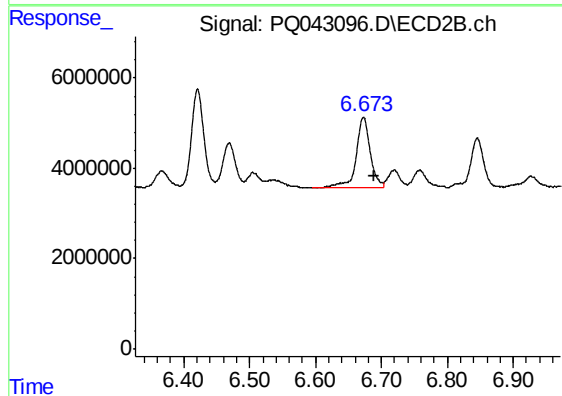
#14 AR-1232-4

R.T.: 6.469 min
Delta R.T.: -0.017 min
Response: 10955287
Conc: 255.55 ng/ml



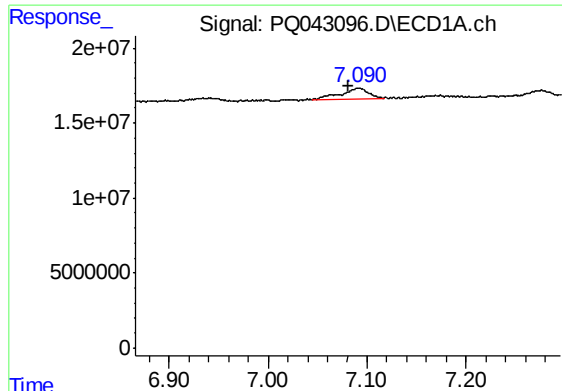
#15 AR-1232-5

R.T.: 7.380 min
Delta R.T.: -0.018 min
Response: 26422348
Conc: 923.57 ng/ml



#15 AR-1232-5

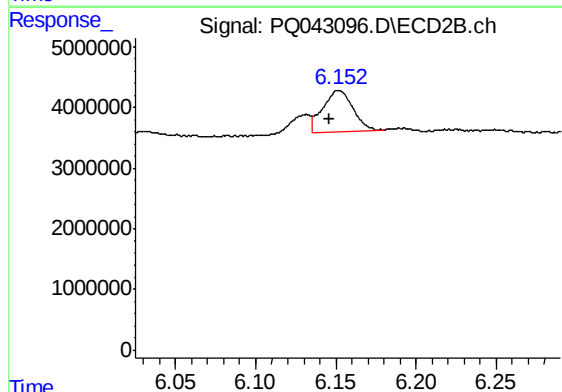
R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 23520387
Conc: 519.93 ng/ml



#16 AR-1242-1

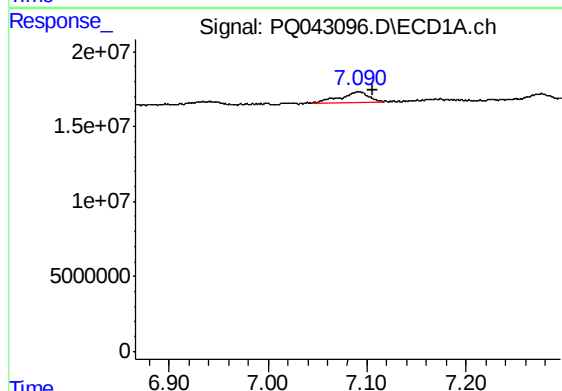
R.T.: 7.091 min
Delta R.T.: 0.010 min
Response: 14110736
Conc: 138.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



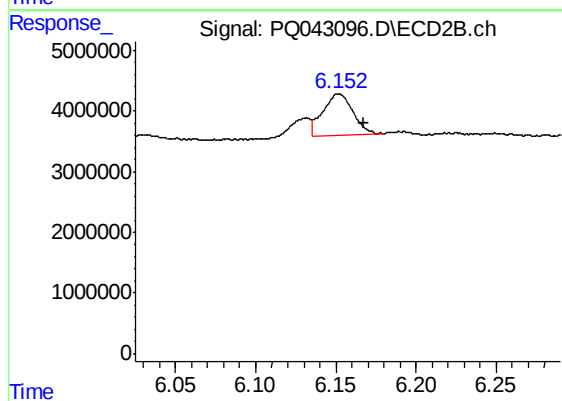
#16 AR-1242-1

R.T.: 6.152 min
Delta R.T.: 0.006 min
Response: 8976107
Conc: 91.19 ng/ml



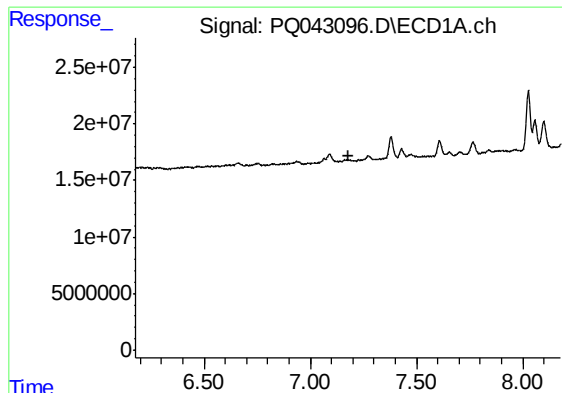
#17 AR-1242-2

R.T.: 7.091 min
Delta R.T.: -0.015 min
Response: 14110736
Conc: 92.63 ng/ml



#17 AR-1242-2

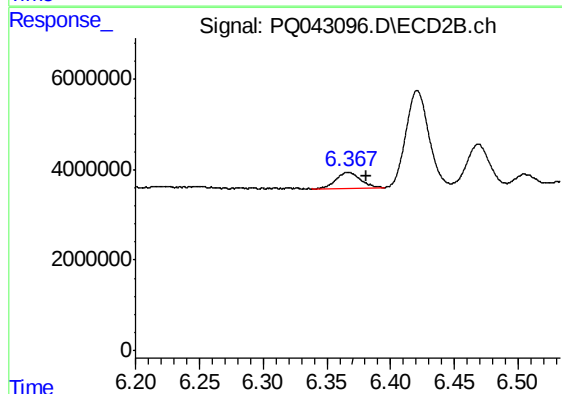
R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 8976107
Conc: 60.43 ng/ml



#18 AR-1242-3

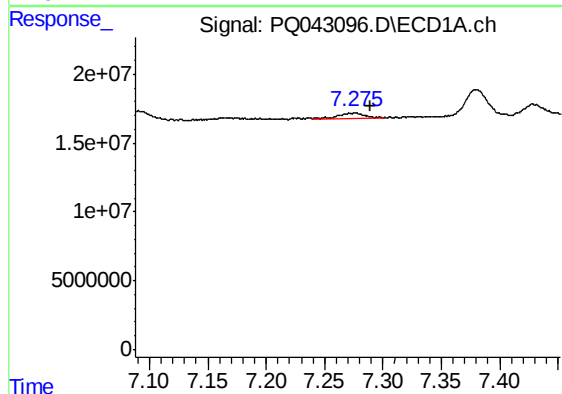
R.T.: 0.000 min
Exp R.T.: 7.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



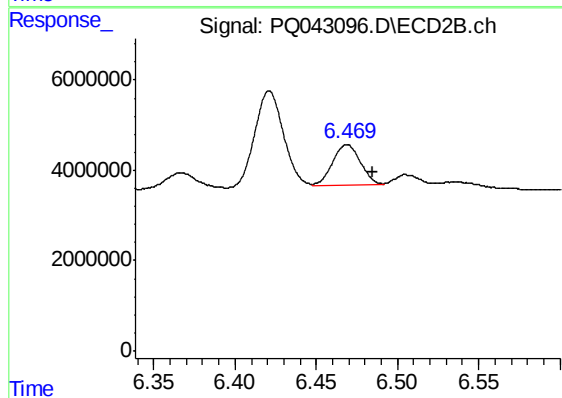
#18 AR-1242-3

R.T.: 6.367 min
Delta R.T.: -0.014 min
Response: 4775090
Conc: 62.83 ng/ml



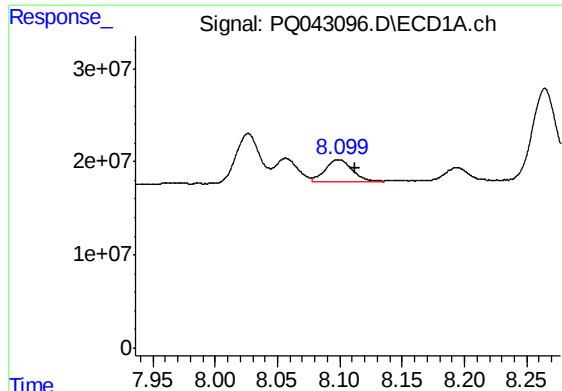
#19 AR-1242-4

R.T.: 7.276 min
Delta R.T.: -0.013 min
Response: 5713297
Conc: 74.22 ng/ml



#19 AR-1242-4

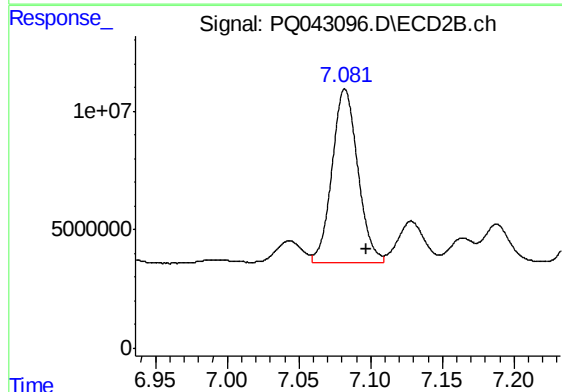
R.T.: 6.469 min
Delta R.T.: -0.016 min
Response: 10955287
Conc: 131.34 ng/ml



#20 AR-1242-5

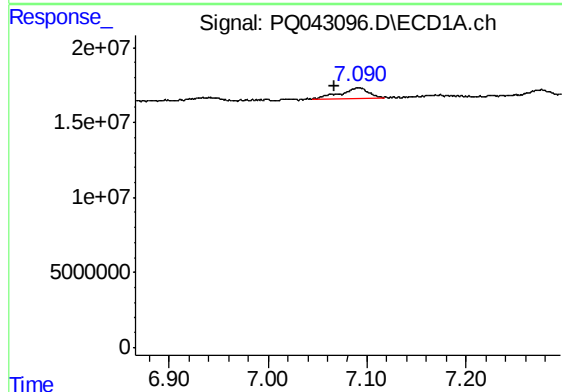
R.T.: 8.099 min
Delta R.T.: -0.013 min
Response: 36323913
Conc: 379.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



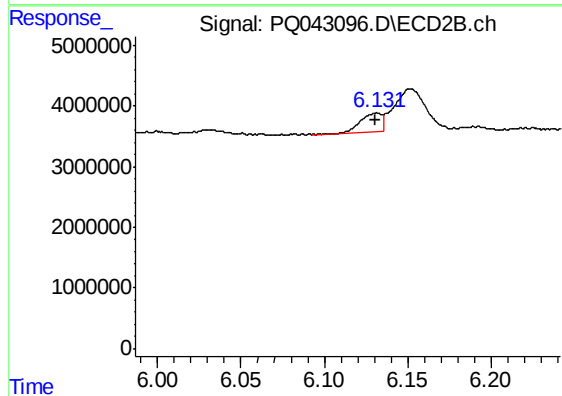
#20 AR-1242-5

R.T.: 7.082 min
Delta R.T.: -0.015 min
Response: 91883306
Conc: 806.44 ng/ml



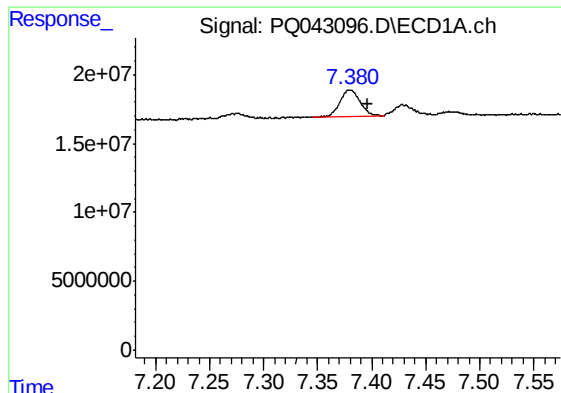
#21 AR-1248-1

R.T.: 7.091 min
Delta R.T.: 0.024 min
Response: 14110736
Conc: 178.51 ng/ml



#21 AR-1248-1

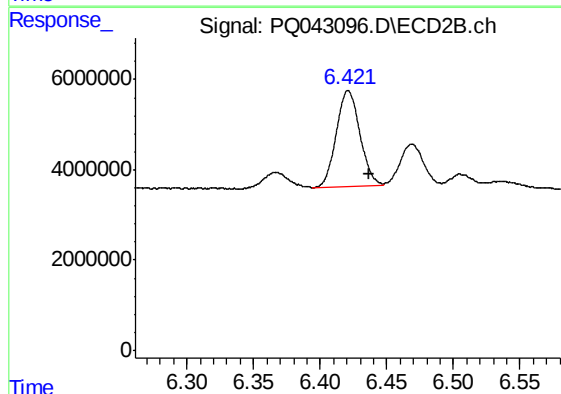
R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 2781849
Conc: 35.09 ng/ml



#22 AR-1248-2

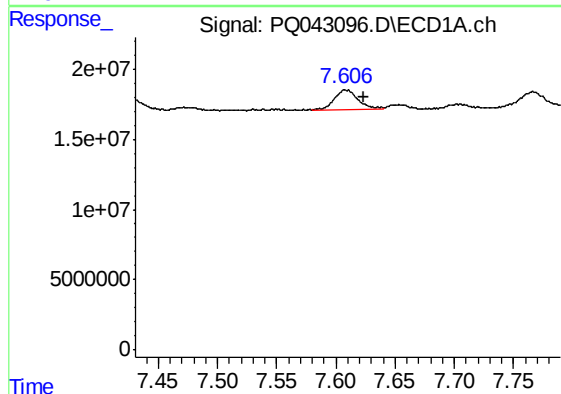
R.T.: 7.380 min
Delta R.T.: -0.016 min
Response: 26422348
Conc: 233.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



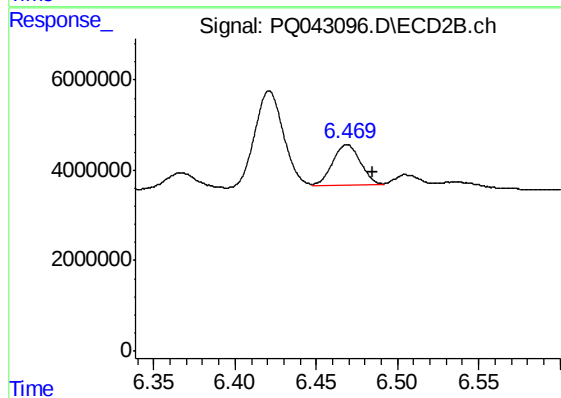
#22 AR-1248-2

R.T.: 6.421 min
Delta R.T.: -0.016 min
Response: 26482179
Conc: 223.71 ng/ml



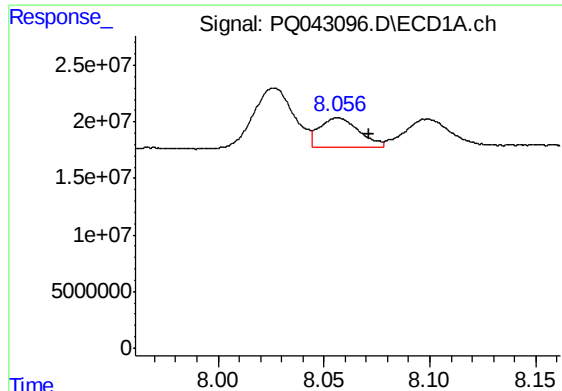
#23 AR-1248-3

R.T.: 7.607 min
Delta R.T.: -0.016 min
Response: 19496186
Conc: 144.20 ng/ml



#23 AR-1248-3

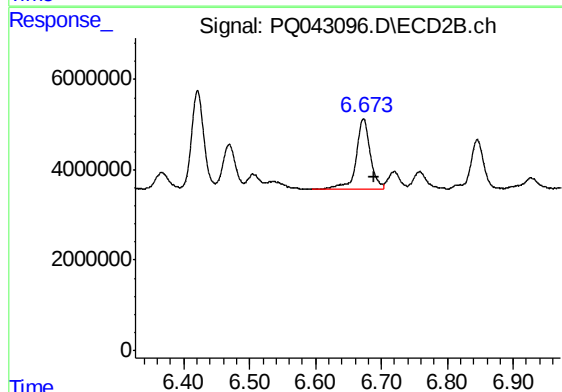
R.T.: 6.469 min
Delta R.T.: -0.016 min
Response: 10955287
Conc: 90.70 ng/ml



#24 AR-1248-4

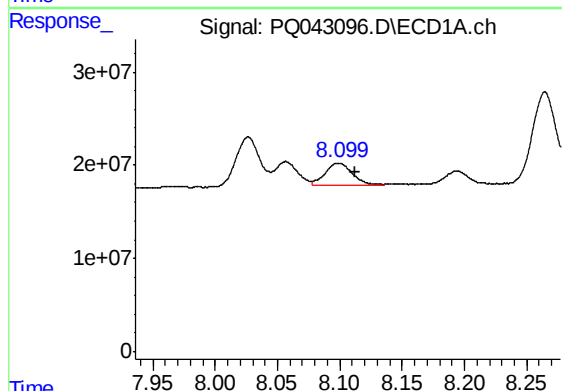
R.T.: 8.057 min
Delta R.T.: -0.014 min
Response: 33432445
Conc: 206.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



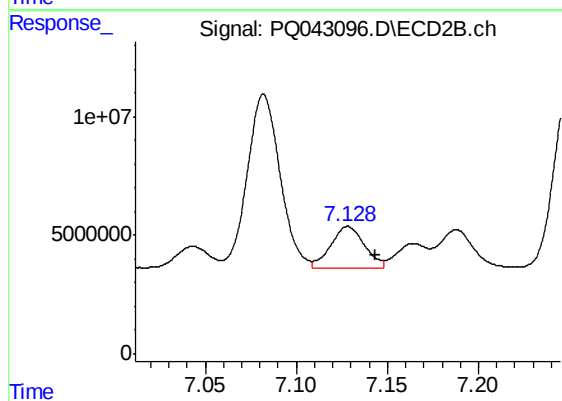
#24 AR-1248-4

R.T.: 6.673 min
Delta R.T.: -0.015 min
Response: 23520387
Conc: 160.60 ng/ml



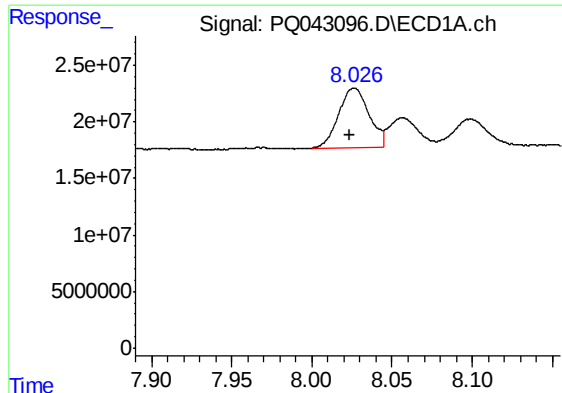
#25 AR-1248-5

R.T.: 8.099 min
Delta R.T.: -0.013 min
Response: 36323913
Conc: 231.78 ng/ml



#25 AR-1248-5

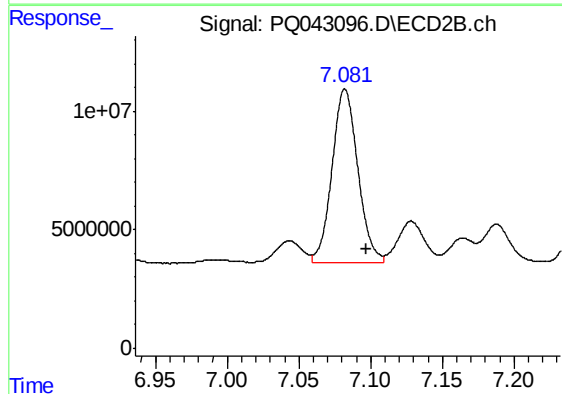
R.T.: 7.128 min
Delta R.T.: -0.015 min
Response: 22258254
Conc: 142.90 ng/ml



#26 AR-1254-1

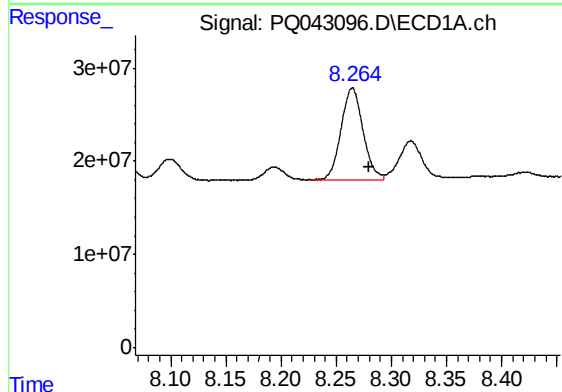
R.T.: 8.027 min
Delta R.T.: 0.003 min
Response: 69566200
Conc: 416.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



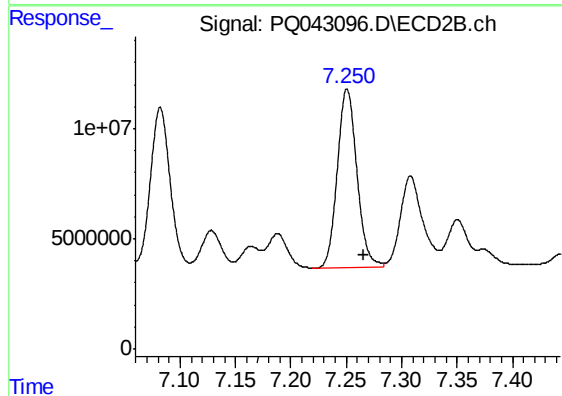
#26 AR-1254-1

R.T.: 7.082 min
Delta R.T.: -0.015 min
Response: 91883306
Conc: 374.65 ng/ml



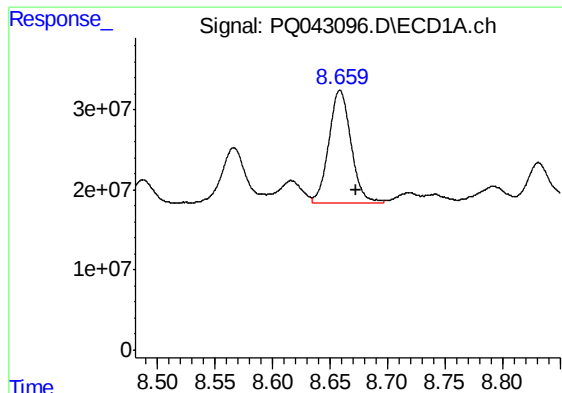
#27 AR-1254-2

R.T.: 8.265 min
Delta R.T.: -0.015 min
Response: 136038900
Conc: 505.81 ng/ml



#27 AR-1254-2

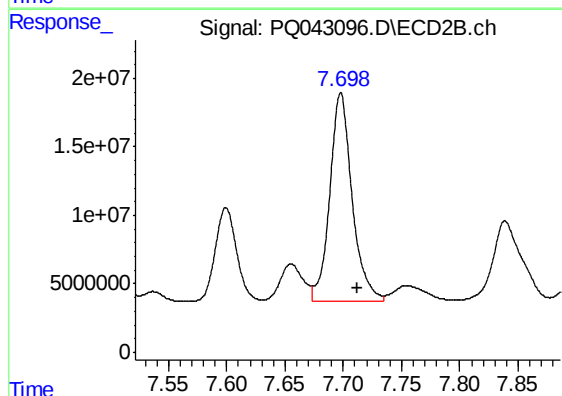
R.T.: 7.251 min
Delta R.T.: -0.015 min
Response: 99980595
Conc: 448.26 ng/ml



#28 AR-1254-3

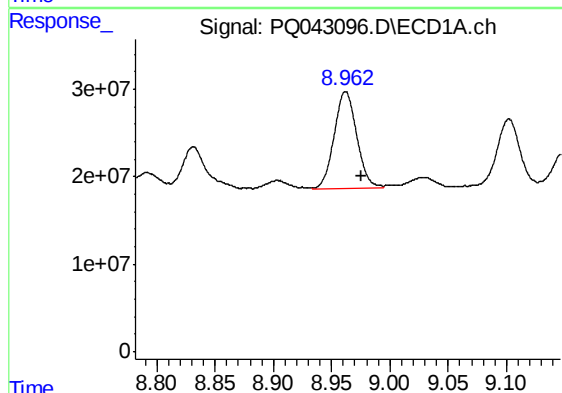
R.T.: 8.659 min
Delta R.T.: -0.014 min
Response: 188697874
Conc: 626.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



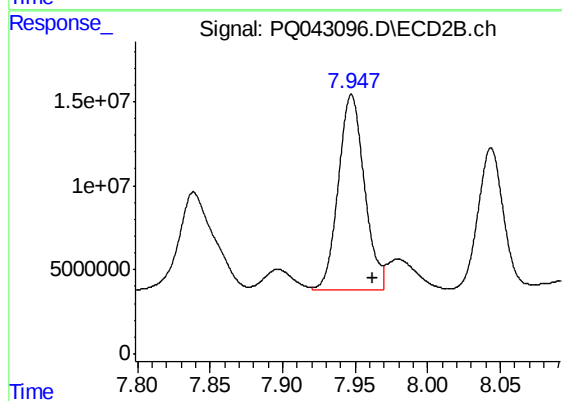
#28 AR-1254-3

R.T.: 7.698 min
Delta R.T.: -0.014 min
Response: 202501537
Conc: 538.75 ng/ml



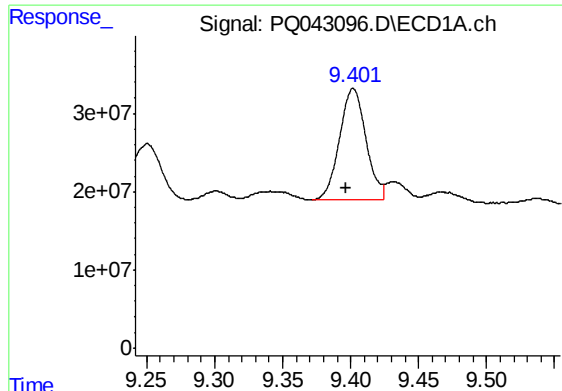
#29 AR-1254-4

R.T.: 8.962 min
Delta R.T.: -0.014 min
Response: 149083024
Conc: 654.38 ng/ml



#29 AR-1254-4

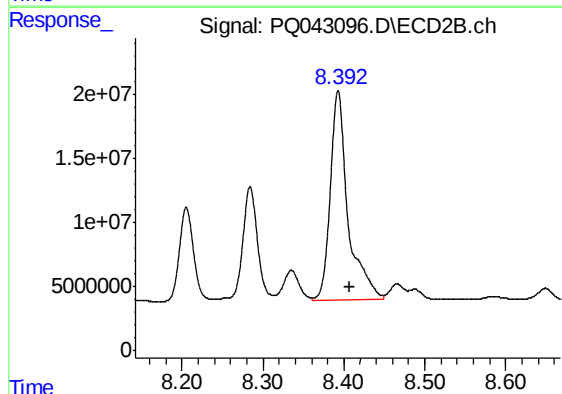
R.T.: 7.947 min
Delta R.T.: -0.015 min
Response: 145366791
Conc: 601.19 ng/ml



#30 AR-1254-5

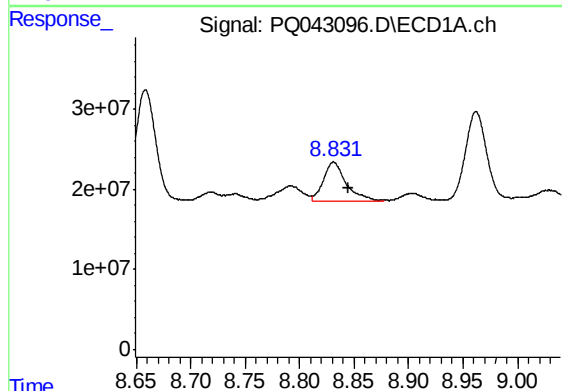
R.T.: 9.402 min
Delta R.T.: 0.005 min
Response: 192608125
Conc: 711.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



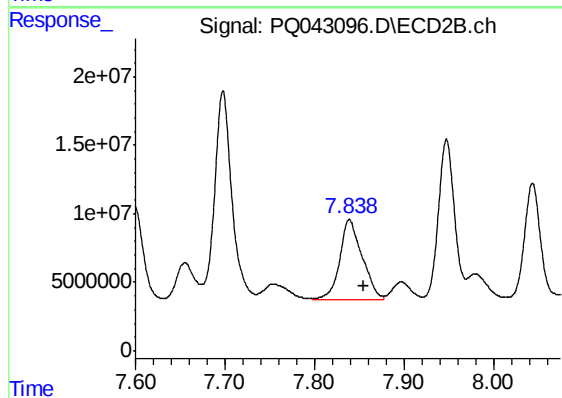
#30 AR-1254-5

R.T.: 8.393 min
Delta R.T.: -0.014 min
Response: 249669876
Conc: 676.52 ng/ml



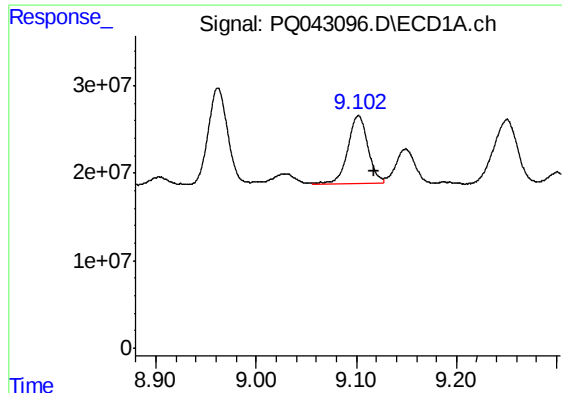
#31 AR-1260-1

R.T.: 8.831 min
Delta R.T.: -0.014 min
Response: 70876240
Conc: 395.61 ng/ml



#31 AR-1260-1

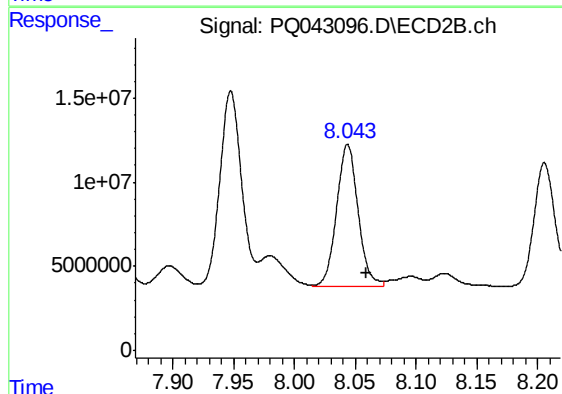
R.T.: 7.839 min
Delta R.T.: -0.016 min
Response: 100238617
Conc: 517.05 ng/ml



#32 AR-1260-2

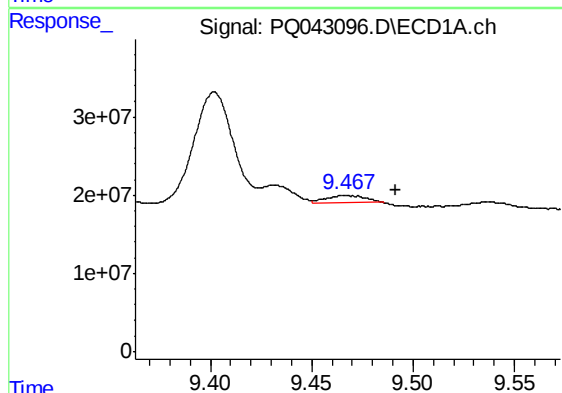
R.T.: 9.102 min
Delta R.T.: -0.016 min
Response: 108778673
Conc: 462.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



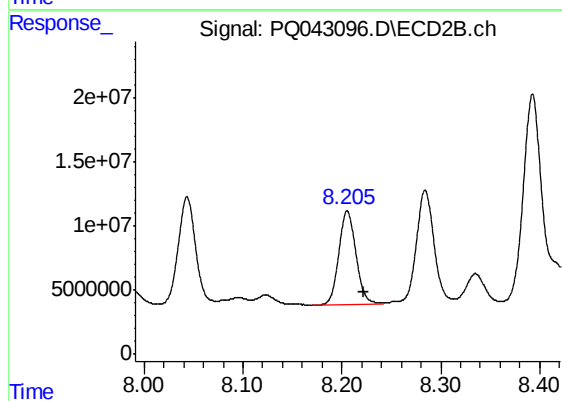
#32 AR-1260-2

R.T.: 8.044 min
Delta R.T.: -0.015 min
Response: 104108630
Conc: 408.92 ng/ml



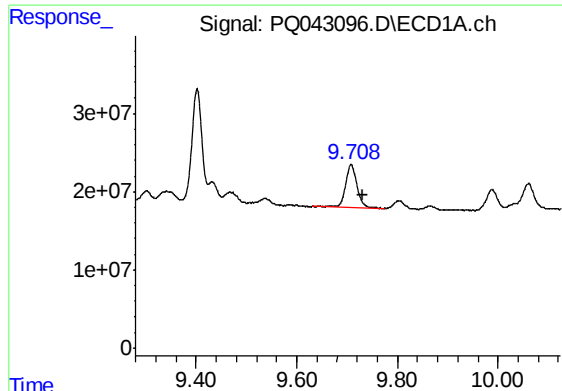
#33 AR-1260-3

R.T.: 9.467 min
Delta R.T.: -0.025 min
Response: 12260652
Conc: 57.38 ng/ml



#33 AR-1260-3

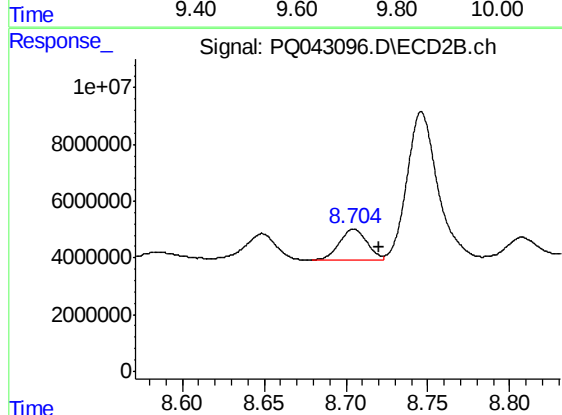
R.T.: 8.206 min
Delta R.T.: -0.016 min
Response: 88773288
Conc: 389.65 ng/ml



#34 AR-1260-4

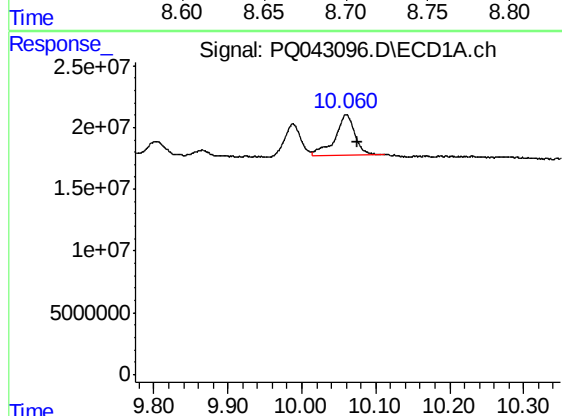
R.T.: 9.708 min
Delta R.T.: -0.023 min
Response: 88640471
Conc: 375.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



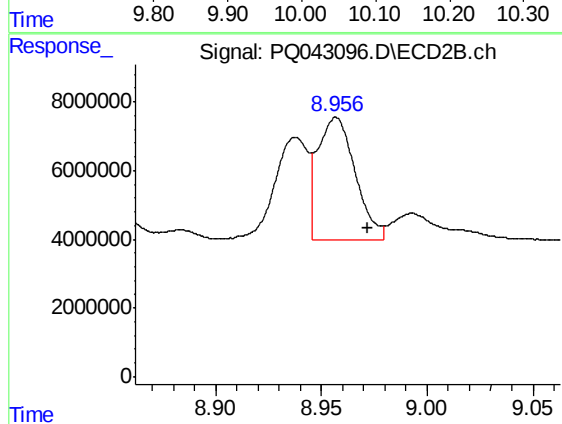
#34 AR-1260-4

R.T.: 8.705 min
Delta R.T.: -0.015 min
Response: 12766138
Conc: 59.17 ng/ml



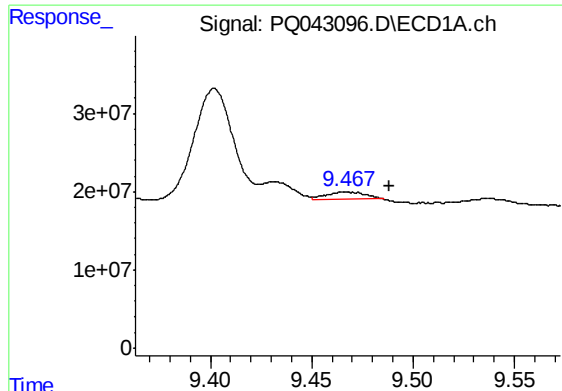
#35 AR-1260-5

R.T.: 10.060 min
Delta R.T.: -0.015 min
Response: 63433121
Conc: 111.31 ng/ml



#35 AR-1260-5

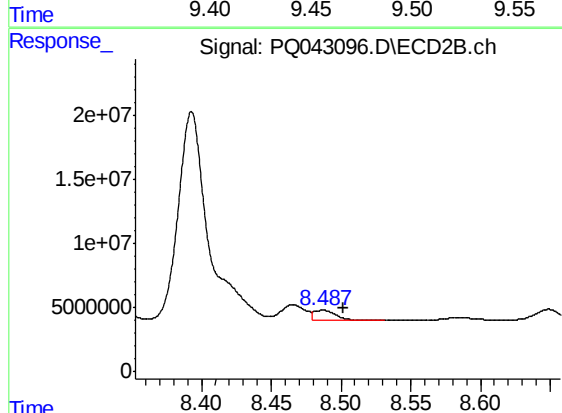
R.T.: 8.957 min
Delta R.T.: -0.015 min
Response: 44051147
Conc: 75.54 ng/ml



#36 AR-1262-1

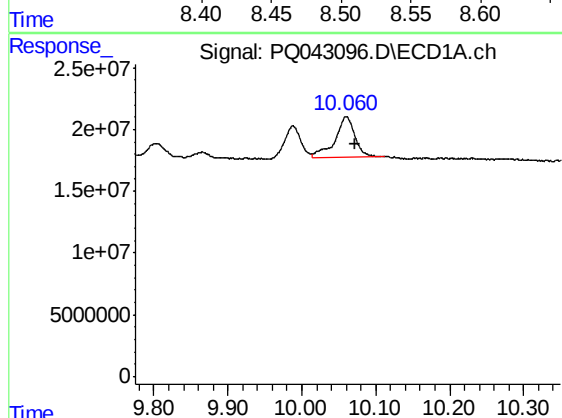
R.T.: 9.467 min
Delta R.T.: -0.021 min
Response: 12260652
Conc: 30.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



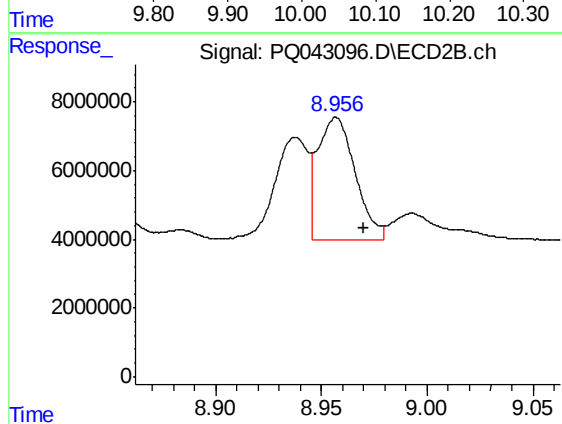
#36 AR-1262-1

R.T.: 8.487 min
Delta R.T.: -0.014 min
Response: 8735803
Conc: 47.16 ng/ml



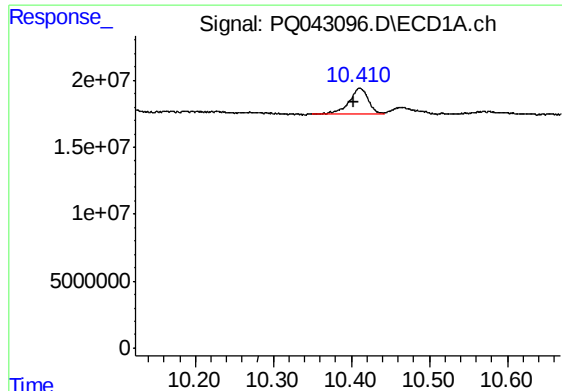
#37 AR-1262-2

R.T.: 10.060 min
Delta R.T.: -0.012 min
Response: 63433121
Conc: 79.31 ng/ml



#37 AR-1262-2

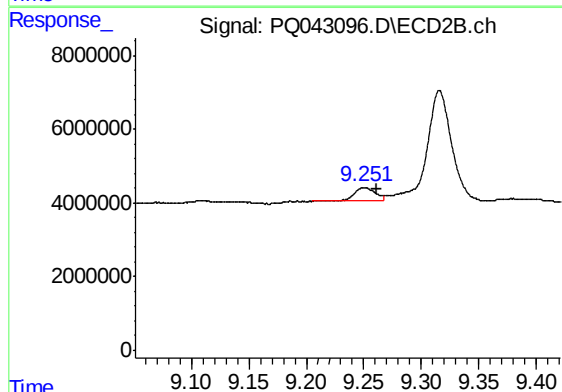
R.T.: 8.957 min
Delta R.T.: -0.013 min
Response: 44051147
Conc: 51.00 ng/ml



#38 AR-1262-3

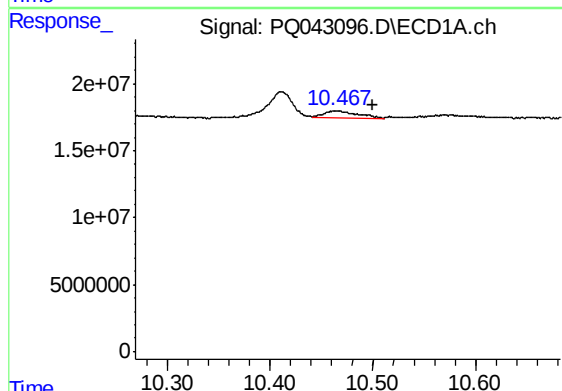
R.T.: 10.410 min
Delta R.T.: 0.008 min
Response: 32933623
Conc: 55.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



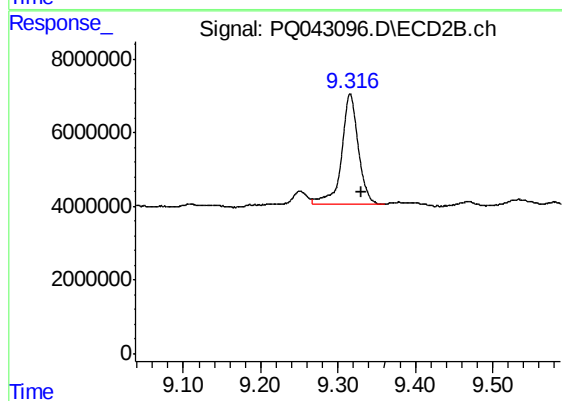
#38 AR-1262-3

R.T.: 9.250 min
Delta R.T.: -0.010 min
Response: 4850114
Conc: 12.95 ng/ml



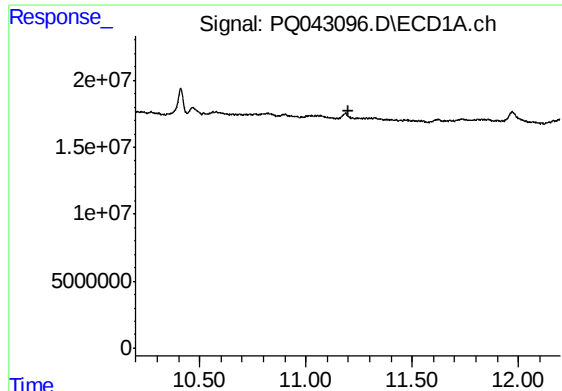
#39 AR-1262-4

R.T.: 10.467 min
Delta R.T.: -0.033 min
Response: 11668062
Conc: 23.43 ng/ml



#39 AR-1262-4

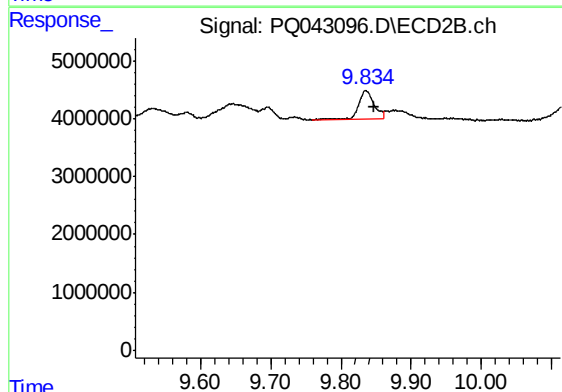
R.T.: 9.316 min
Delta R.T.: -0.014 min
Response: 45360756
Conc: 66.07 ng/ml



#40 AR-1262-5

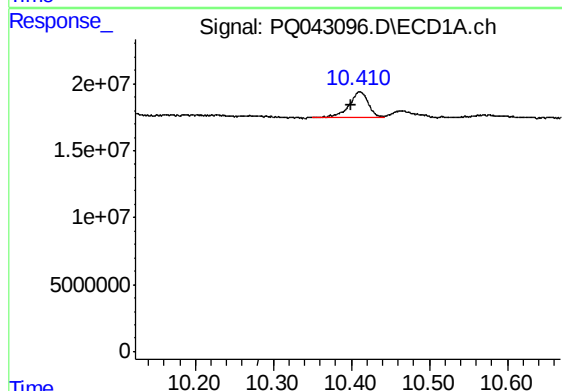
R.T.: 0.000 min
Exp R.T.: 11.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



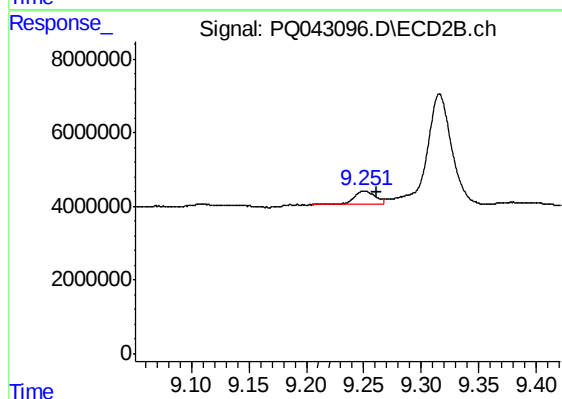
#40 AR-1262-5

R.T.: 9.835 min
Delta R.T.: -0.013 min
Response: 7906257
Conc: 24.06 ng/ml



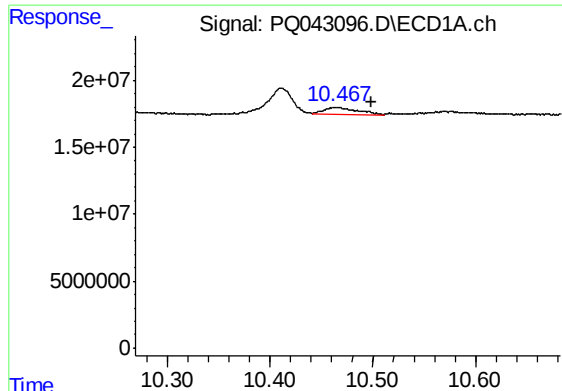
#41 AR-1268-1

R.T.: 10.410 min
Delta R.T.: 0.011 min
Response: 32933623
Conc: 30.65 ng/ml



#41 AR-1268-1

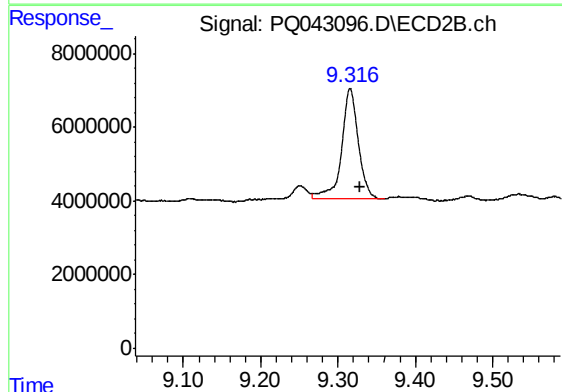
R.T.: 9.250 min
Delta R.T.: -0.010 min
Response: 4850114
Conc: 4.53 ng/ml



#42 AR-1268-2

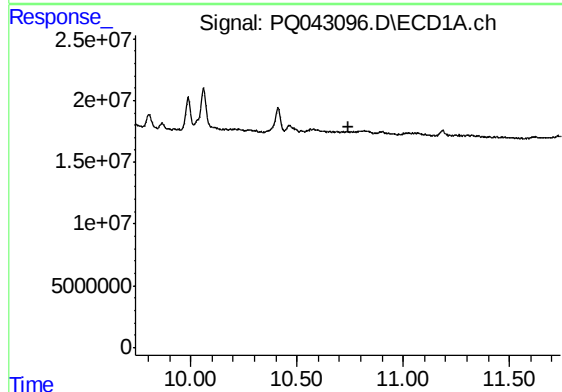
R.T.: 10.467 min
Delta R.T.: -0.032 min
Response: 11668062
Conc: 11.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



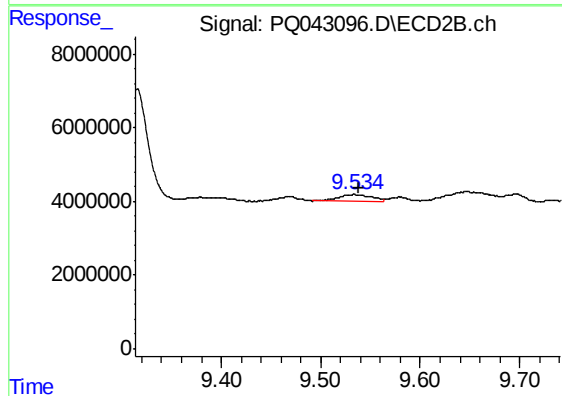
#42 AR-1268-2

R.T.: 9.316 min
Delta R.T.: -0.012 min
Response: 45360756
Conc: 44.15 ng/ml



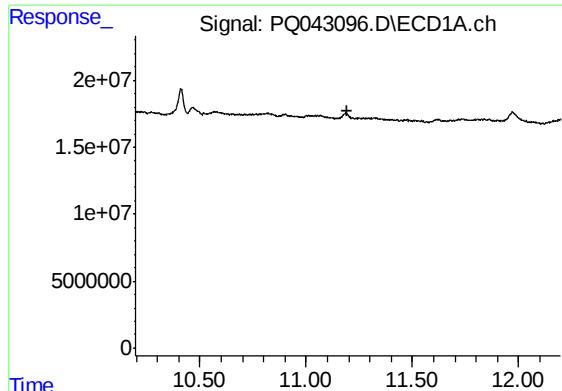
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.740 min
Response: 0
Conc: N.D.



#43 AR-1268-3

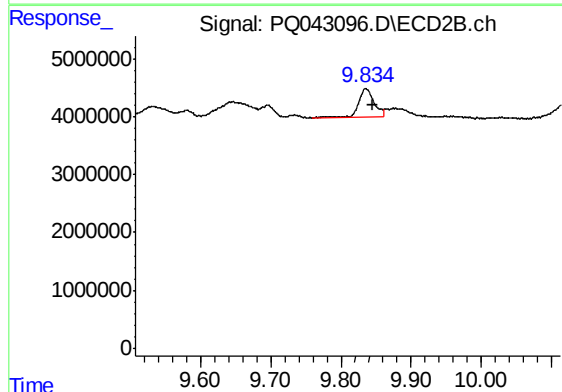
R.T.: 9.533 min
Delta R.T.: -0.005 min
Response: 3940046
Conc: 4.47 ng/ml



#44 AR-1268-4

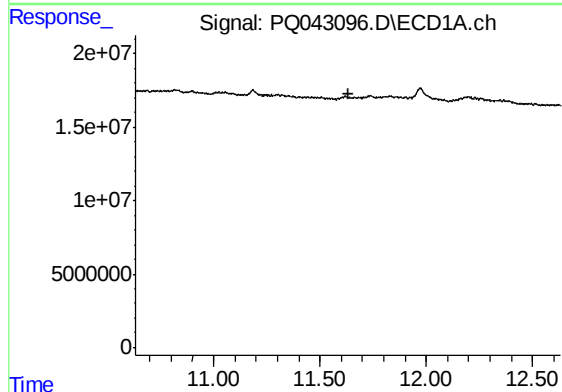
R.T.: 0.000 min
Exp R.T. : 11.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AQ6DL2



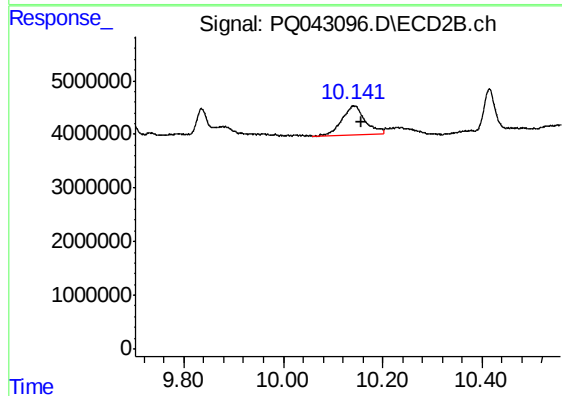
#44 AR-1268-4

R.T.: 9.835 min
Delta R.T.: -0.010 min
Response: 7906257
Conc: 22.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.632 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.142 min
Delta R.T.: -0.015 min
Response: 17688211
Conc: 6.33 ng/ml