

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090919\
 Data File : PQ043418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2019 20:25
 Operator : SM\AJ
 Sample : K4633-07DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 F2D05DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 04:38:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 07 03:03:15 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...	5.697	0.000	8868157	0	2.350	N.D. #
2)	SA Decachlor...	12.088	10.563	57233811	22483048	6.252	4.961
Target Compounds							
3)	L1 AR-1016-1	7.095	0.000	6959723	0	43.218	N.D. #
5)	L1 AR-1016-3	7.256	6.467	1995247	5504965	13.969	108.847 #
6)	L1 AR-1016-4	7.402	6.522	12736491	8832173	107.117	215.486 #
7)	L1 AR-1016-5	7.673	6.806	14204218	1821046	118.225	32.081 #
10)	L2 AR-1221-3	6.238	0.000	45192189	0	398.239	N.D. #
11)	L3 AR-1232-1	6.238	0.000	45192189	0	652.917	N.D. #
13)	L3 AR-1232-3	7.095	6.467	6959723	5504965	86.039	320.716 #
14)	L3 AR-1232-4	7.402	6.596	12736491	7728724	292.023	502.924 #
15)	L3 AR-1232-5	7.455	6.806	6437412	1821046	222.355	102.249 #
16)	L4 AR-1242-1	7.095	0.000	6959723	0	50.715	N.D. #
17)	L4 AR-1242-2	7.095	0.000	6959723	0	35.111	N.D. #
18)	L4 AR-1242-3	7.256	6.467	1995247	5504965	16.179	131.713 #
19)	L4 AR-1242-4	7.402	6.596	12736491	7728724	127.418	186.725 #
20)	L4 AR-1242-5	8.184	7.201	6292706	3926131	49.414	63.892 #
21)	L5 AR-1248-1	7.095	0.000	6959723	0	58.420	N.D. #
22)	L5 AR-1248-2	7.455	6.522	6437412	8832173	40.553	133.258 #
23)	L5 AR-1248-3	7.673	6.596	14204218	7728724	72.646	112.610 #
24)	L5 AR-1248-4	8.138	6.806	2951661	1821046	12.309	21.116 #
25)	L5 AR-1248-5	8.184	7.245	6292706	7134838	26.975	72.060 #
26)	L6 AR-1254-1	8.076	7.201	8575154	3926131	39.793	28.683 #
27)	L6 AR-1254-2	8.339	7.361	15517019	4551086	43.592	36.114
28)	L6 AR-1254-3	8.751	7.827	4231431	11987437	10.294	52.780 #
29)	L6 AR-1254-4	0.000	8.041	0	9323453	N.D.	59.552 #
30)	L6 AR-1254-5	9.456	8.508	36848895	8254735	99.663	35.293 #
31)	L7 AR-1260-1	8.905	7.952	7732340	10185436	30.385	77.510 #
32)	L7 AR-1260-2	9.176	8.154	33201519	22279318	101.948	131.822 #
33)	L7 AR-1260-3	9.550	8.327	155.0E6	16189735	589.484	101.761 #
34)	L7 AR-1260-4	9.811	8.818	133.8E6	45126406	415.409	294.048 #
35)	L7 AR-1260-5	10.137	9.070	194.2E6	92474307	273.555	228.358
36)	L8 AR-1262-1	9.550	8.603	155.0E6	23125345	334.500	232.738 #
37)	L8 AR-1262-2	10.137	9.070	194.2E6	92474307	209.929	183.030
38)	L8 AR-1262-3	10.471	9.365	367.7E6	163.6E6	550.988	768.410 #
39)	L8 AR-1262-4	10.571	9.432	432.1E6	165.8E6	869.427	412.999 #
40)	L8 AR-1262-5	11.279	9.958	755.4E6	121.6E6	1806.636	622.267 #
41)	L9 AR-1268-1	10.471	9.365	367.7E6	163.6E6	335.018	289.414
42)	L9 AR-1268-2	10.571	9.432	432.1E6	165.8E6	418.383	318.520
43)	L9 AR-1268-3	10.818	9.649	109.0E6	48522033	125.967	117.950
44)	L9 AR-1268-4	11.279	9.958	755.4E6	121.6E6	1743.311	597.764 #
45)	L9 AR-1268-5	11.724	10.279	610.9E6	226.0E6	177.527	142.485

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Misc :
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Instrument :
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ClientSampleId :
F2D05DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 04:38:20 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 07 03:03:15 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

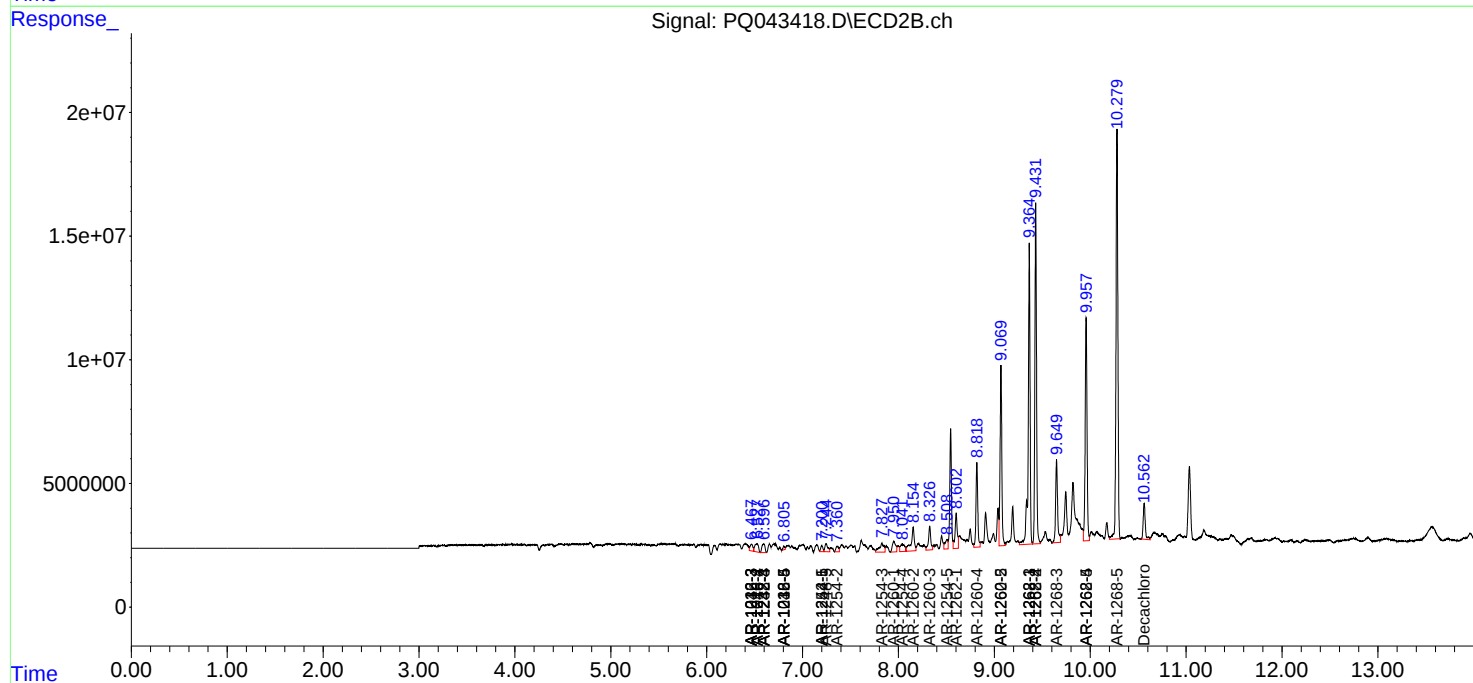
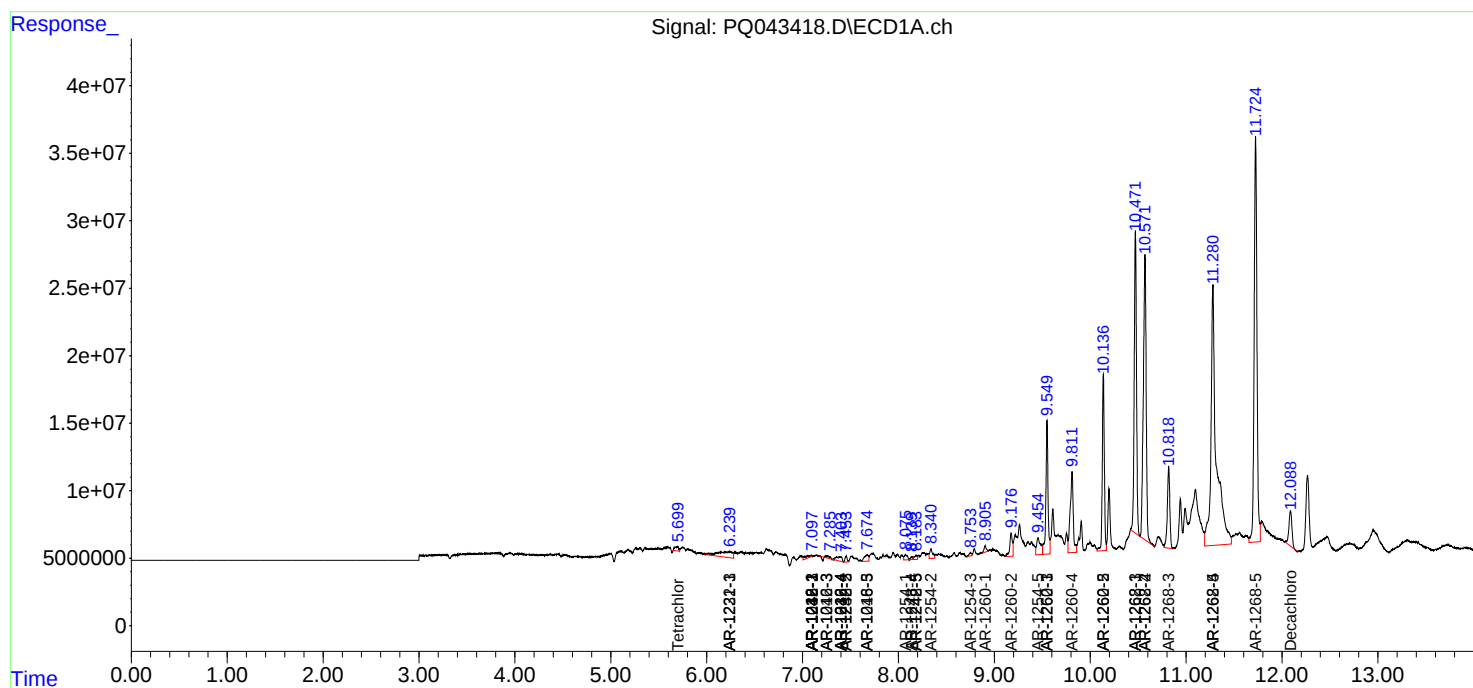
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

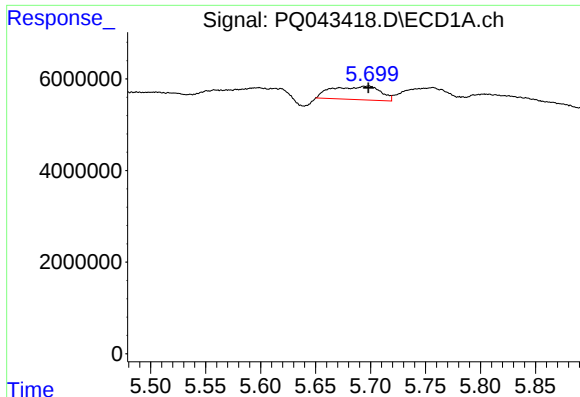
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090919\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

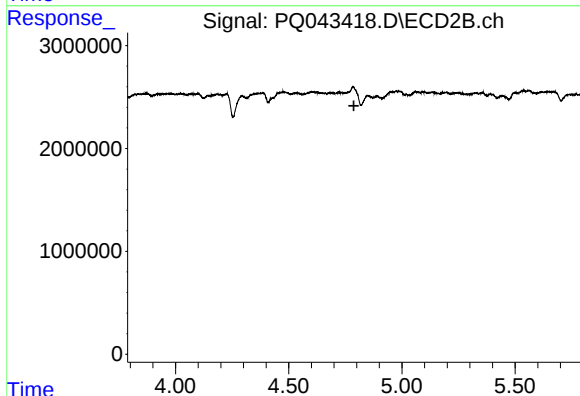




#1 Tetrachloro-m-xylene

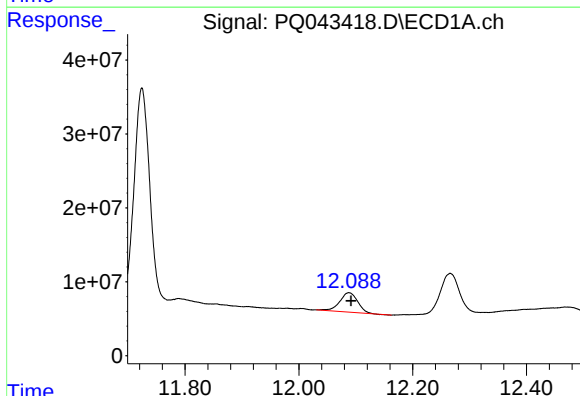
R.T.: 5.697 min
Delta R.T.: -0.001 min
Response: 8868157
Conc: 2.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



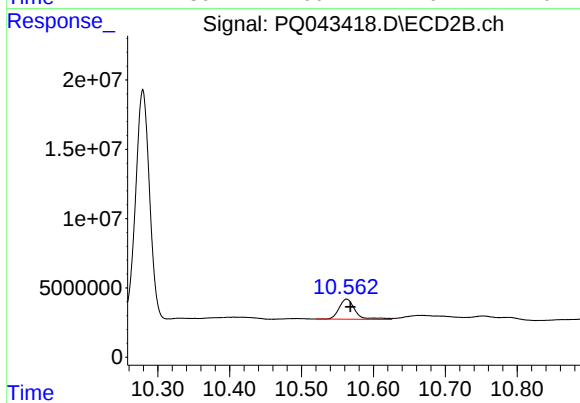
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.788 min
Response: 0
Conc: N.D.



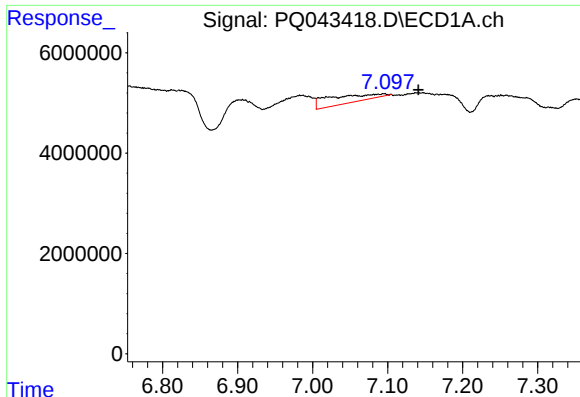
#2 Decachlorobiphenyl

R.T.: 12.088 min
Delta R.T.: -0.004 min
Response: 57233811
Conc: 6.25 ng/ml



#2 Decachlorobiphenyl

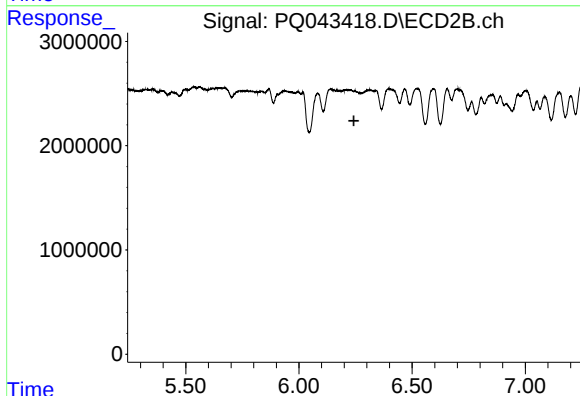
R.T.: 10.563 min
Delta R.T.: -0.005 min
Response: 22483048
Conc: 4.96 ng/ml



#3 AR-1016-1

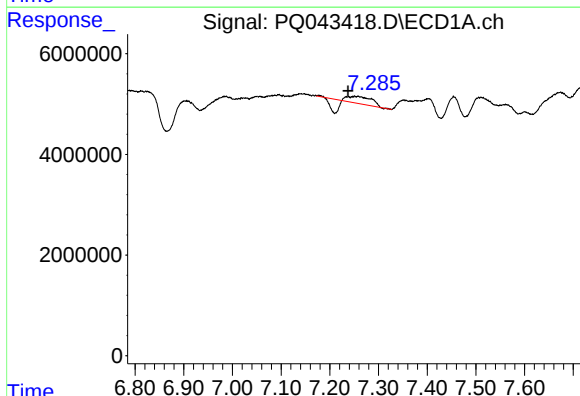
R.T.: 7.095 min
Delta R.T.: -0.046 min
Response: 6959723
Conc: 43.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



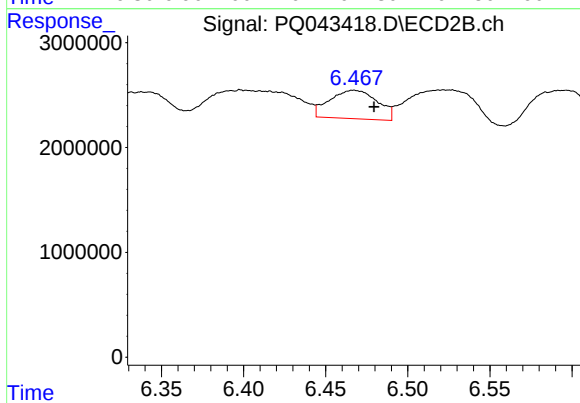
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T.: 6.243 min
Response: 0
Conc: N.D.



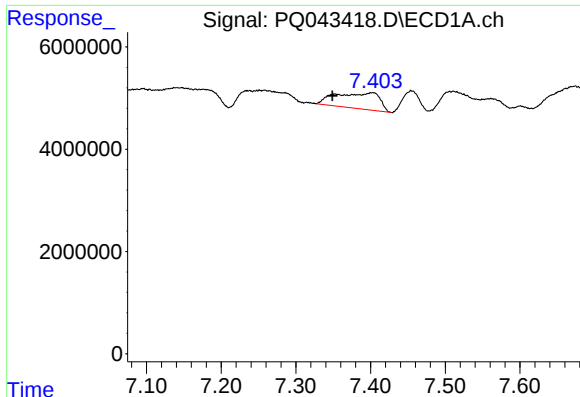
#5 AR-1016-3

R.T.: 7.256 min
Delta R.T.: 0.019 min
Response: 1995247
Conc: 13.97 ng/ml



#5 AR-1016-3

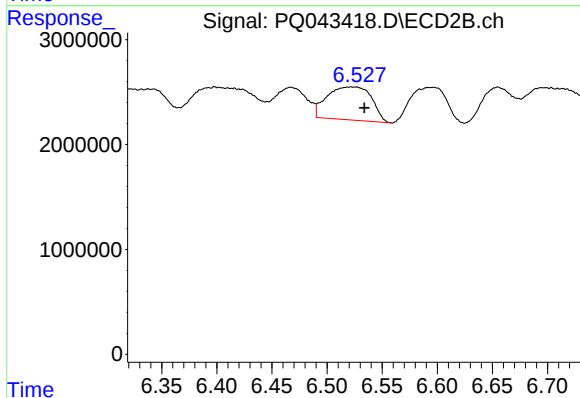
R.T.: 6.467 min
Delta R.T.: -0.013 min
Response: 5504965
Conc: 108.85 ng/ml



#6 AR-1016-4

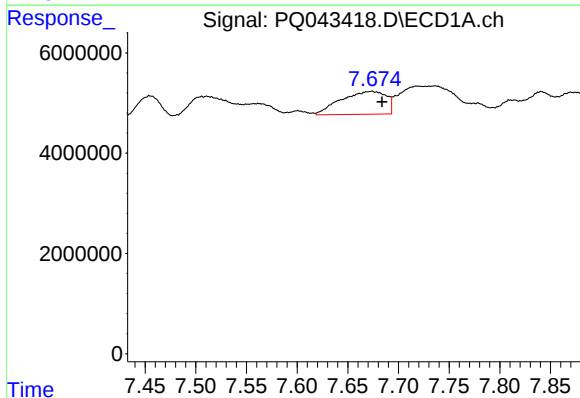
R.T.: 7.402 min
Delta R.T.: 0.053 min
Response: 12736491
Conc: 107.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



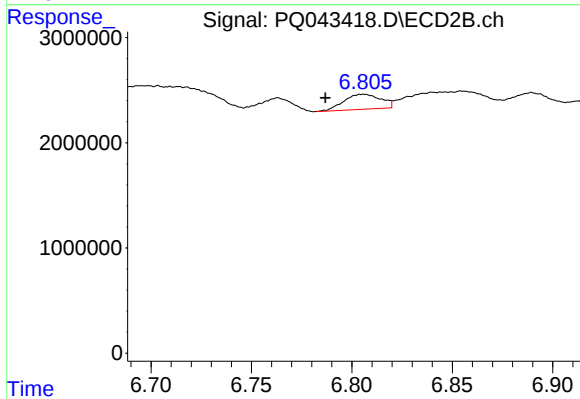
#6 AR-1016-4

R.T.: 6.522 min
Delta R.T.: -0.012 min
Response: 8832173
Conc: 215.49 ng/ml



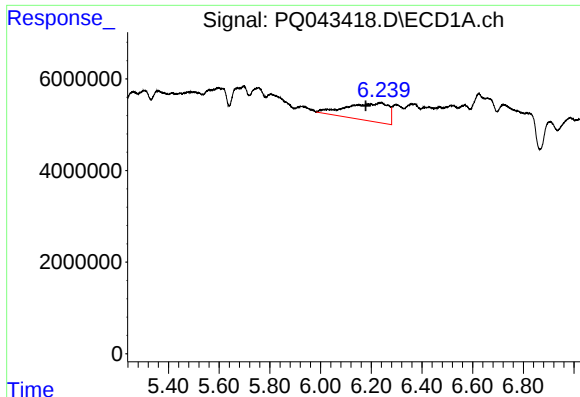
#7 AR-1016-5

R.T.: 7.673 min
Delta R.T.: -0.011 min
Response: 14204218
Conc: 118.22 ng/ml



#7 AR-1016-5

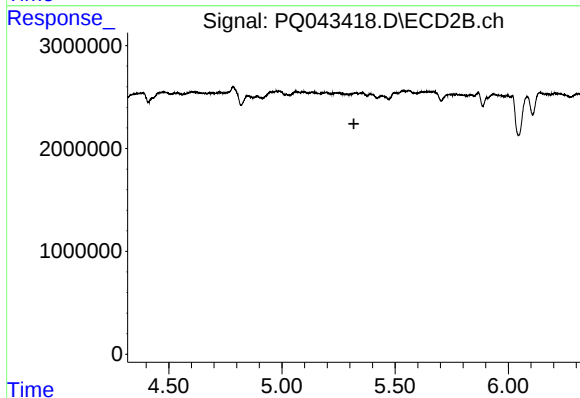
R.T.: 6.806 min
Delta R.T.: 0.019 min
Response: 1821046
Conc: 32.08 ng/ml



#10 AR-1221-3

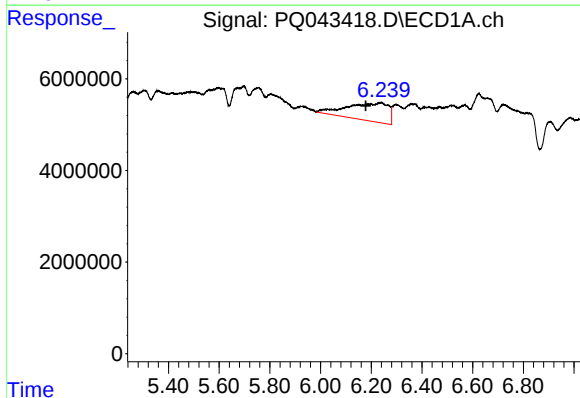
R.T.: 6.238 min
Delta R.T.: 0.060 min
Response: 45192189
Conc: 398.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



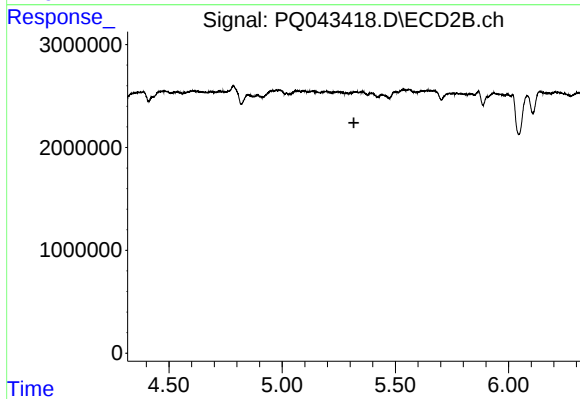
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.318 min
Response: 0
Conc: N.D.



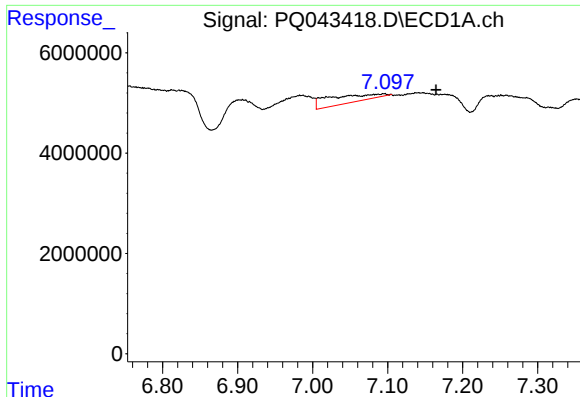
#11 AR-1232-1

R.T.: 6.238 min
Delta R.T.: 0.060 min
Response: 45192189
Conc: 652.92 ng/ml



#11 AR-1232-1

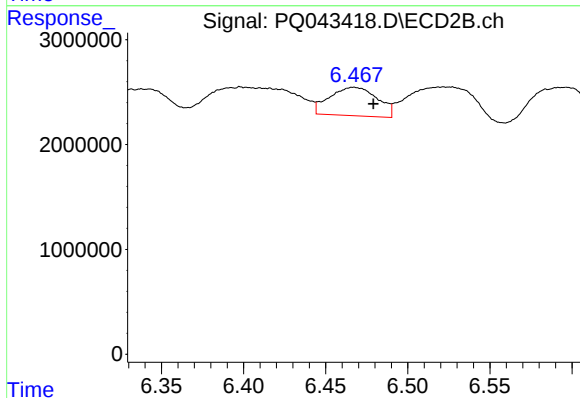
R.T.: 0.000 min
Exp R.T. : 5.317 min
Response: 0
Conc: N.D.



#13 AR-1232-3

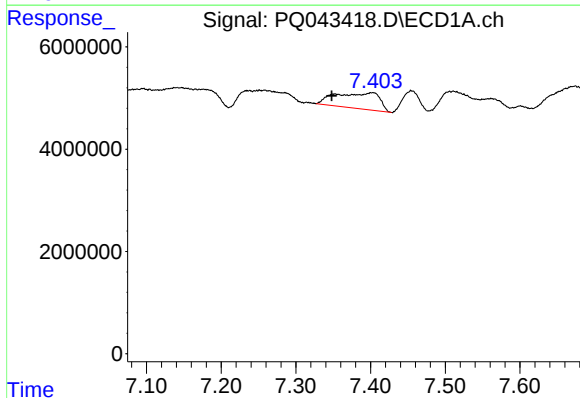
R.T.: 7.095 min
Delta R.T.: -0.069 min
Response: 6959723
Conc: 86.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



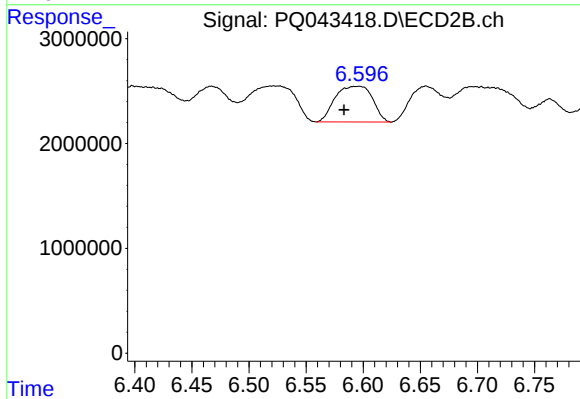
#13 AR-1232-3

R.T.: 6.467 min
Delta R.T.: -0.012 min
Response: 5504965
Conc: 320.72 ng/ml



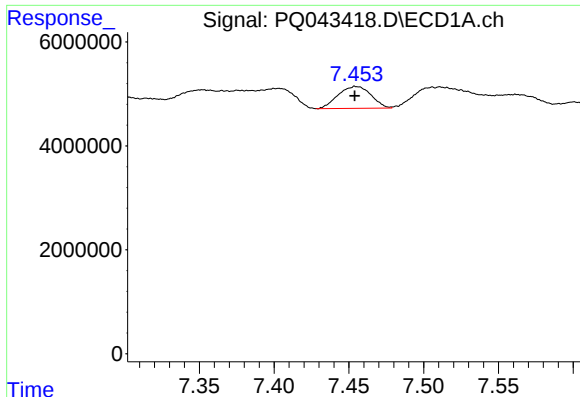
#14 AR-1232-4

R.T.: 7.402 min
Delta R.T.: 0.054 min
Response: 12736491
Conc: 292.02 ng/ml



#14 AR-1232-4

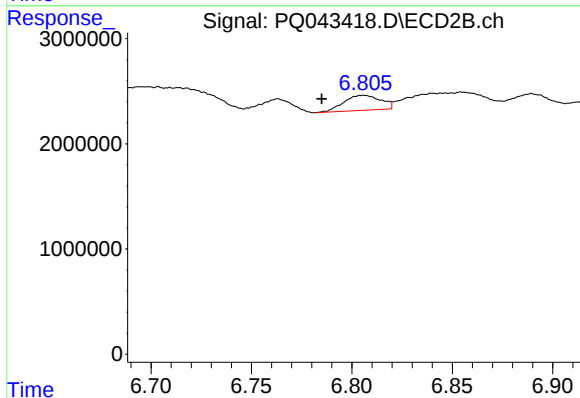
R.T.: 6.596 min
Delta R.T.: 0.013 min
Response: 7728724
Conc: 502.92 ng/ml



#15 AR-1232-5

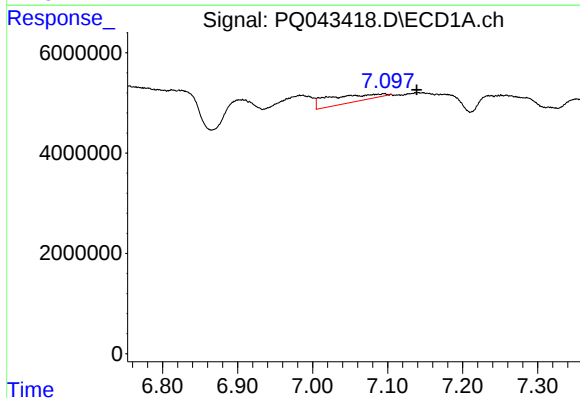
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 6437412
Conc: 222.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



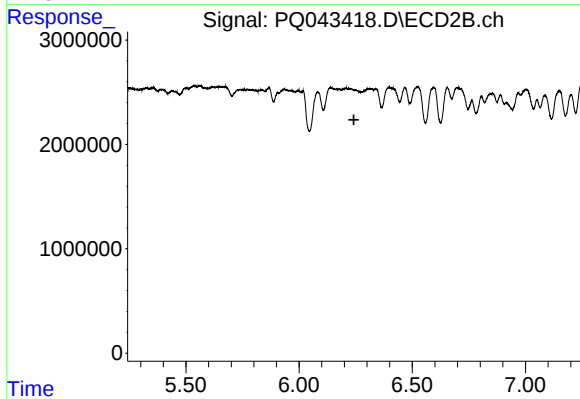
#15 AR-1232-5

R.T.: 6.806 min
Delta R.T.: 0.021 min
Response: 1821046
Conc: 102.25 ng/ml



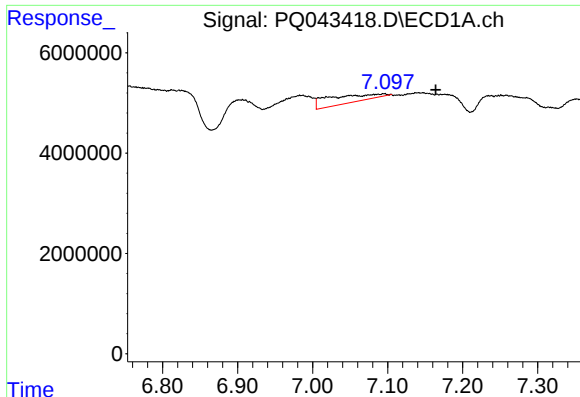
#16 AR-1242-1

R.T.: 7.095 min
Delta R.T.: -0.044 min
Response: 6959723
Conc: 50.71 ng/ml



#16 AR-1242-1

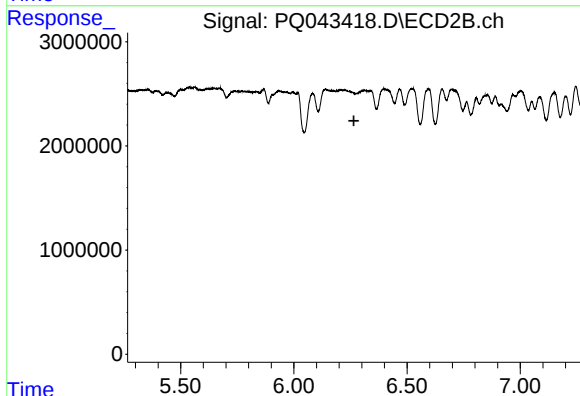
R.T.: 0.000 min
Exp R.T.: 6.242 min
Response: 0
Conc: N.D.



#17 AR-1242-2

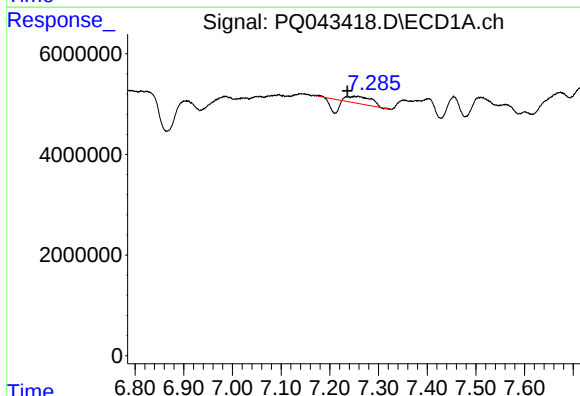
R.T.: 7.095 min
Delta R.T.: -0.069 min
Response: 6959723
Conc: 35.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



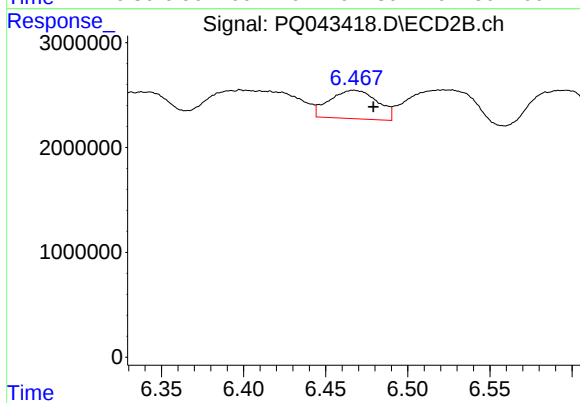
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



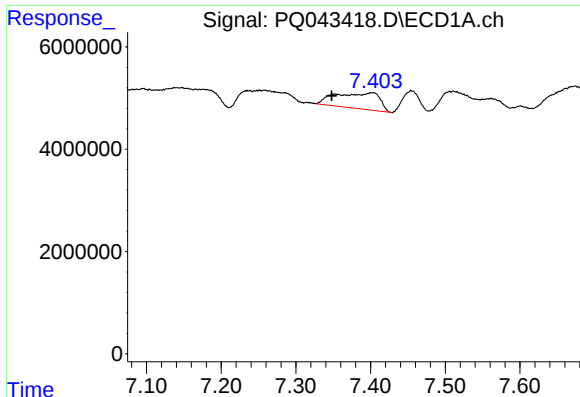
#18 AR-1242-3

R.T.: 7.256 min
Delta R.T.: 0.020 min
Response: 1995247
Conc: 16.18 ng/ml



#18 AR-1242-3

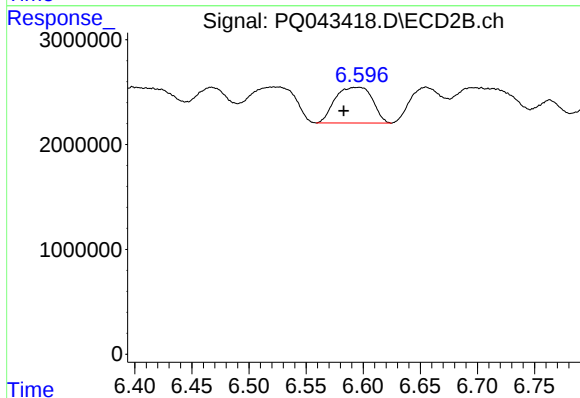
R.T.: 6.467 min
Delta R.T.: -0.012 min
Response: 5504965
Conc: 131.71 ng/ml



#19 AR-1242-4

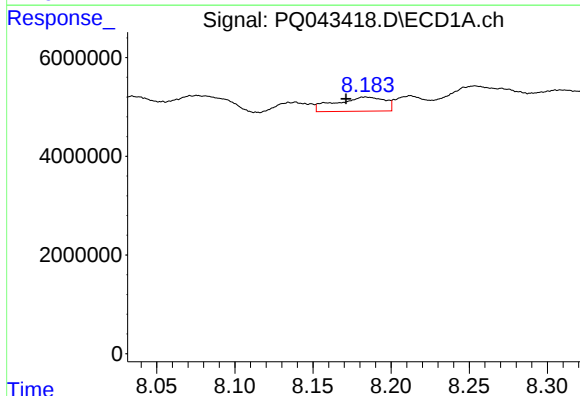
R.T.: 7.402 min
Delta R.T.: 0.054 min
Response: 12736491
Conc: 127.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



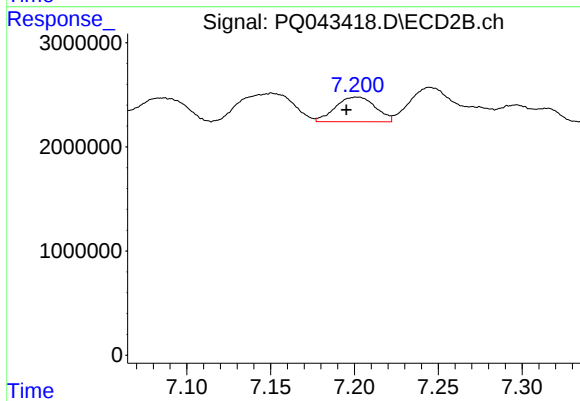
#19 AR-1242-4

R.T.: 6.596 min
Delta R.T.: 0.013 min
Response: 7728724
Conc: 186.72 ng/ml



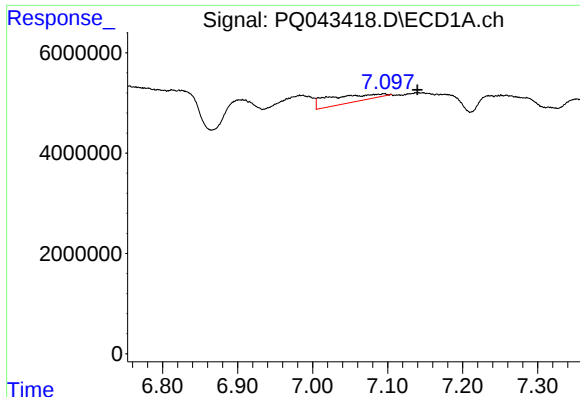
#20 AR-1242-5

R.T.: 8.184 min
Delta R.T.: 0.013 min
Response: 6292706
Conc: 49.41 ng/ml



#20 AR-1242-5

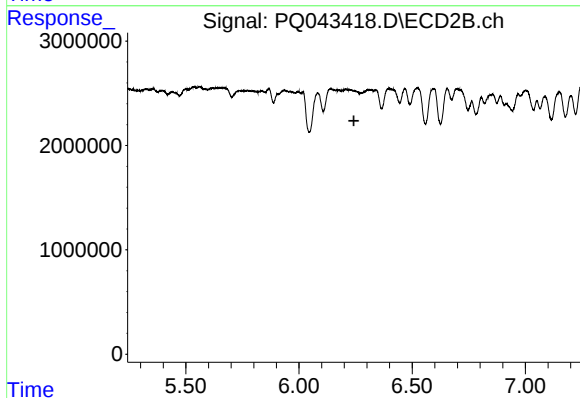
R.T.: 7.201 min
Delta R.T.: 0.006 min
Response: 3926131
Conc: 63.89 ng/ml



#21 AR-1248-1

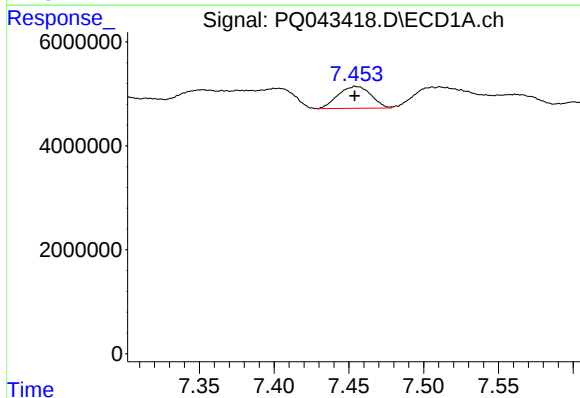
R.T.: 7.095 min
Delta R.T.: -0.044 min
Response: 6959723
Conc: 58.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



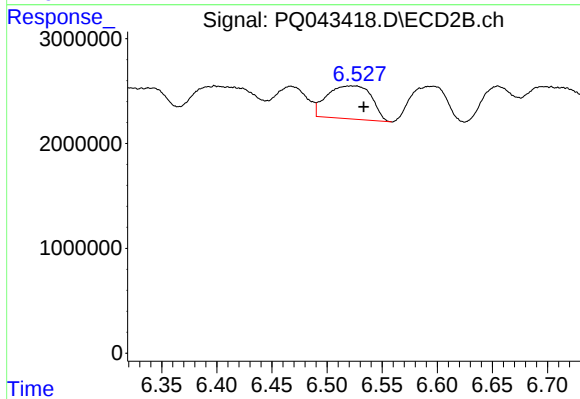
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.243 min
Response: 0
Conc: N.D.



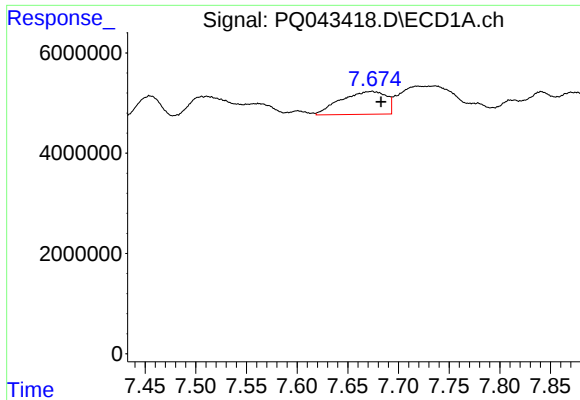
#22 AR-1248-2

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 6437412
Conc: 40.55 ng/ml



#22 AR-1248-2

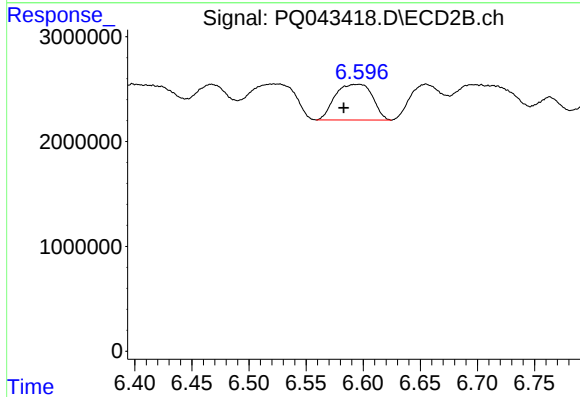
R.T.: 6.522 min
Delta R.T.: -0.011 min
Response: 8832173
Conc: 133.26 ng/ml



#23 AR-1248-3

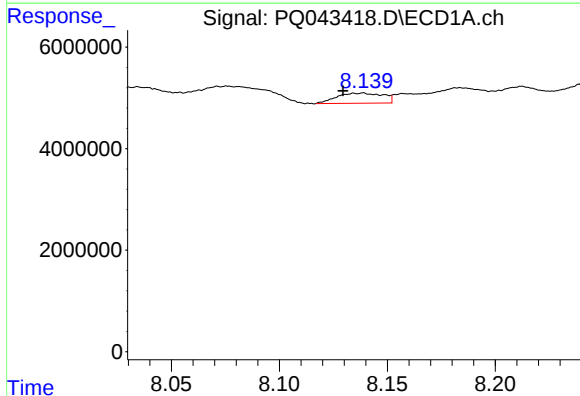
R.T.: 7.673 min
Delta R.T.: -0.009 min
Response: 14204218
Conc: 72.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



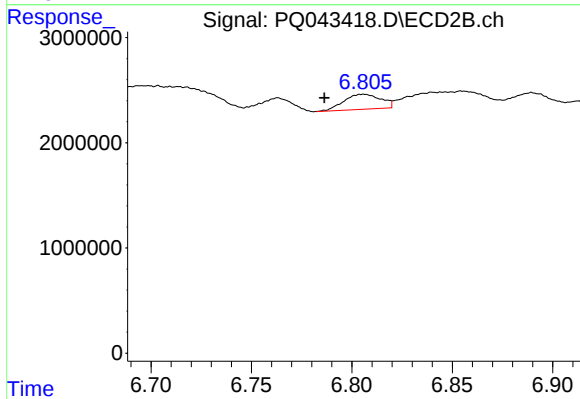
#23 AR-1248-3

R.T.: 6.596 min
Delta R.T.: 0.014 min
Response: 7728724
Conc: 112.61 ng/ml



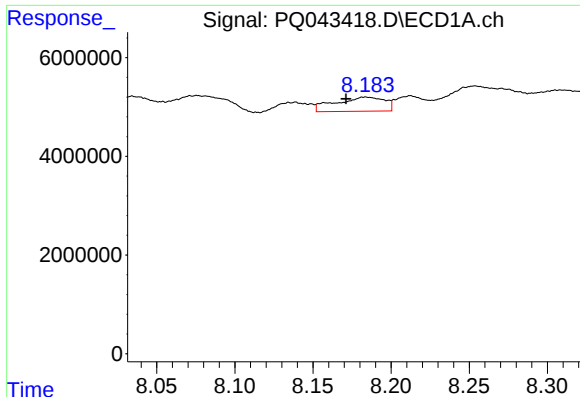
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: 0.008 min
Response: 2951661
Conc: 12.31 ng/ml



#24 AR-1248-4

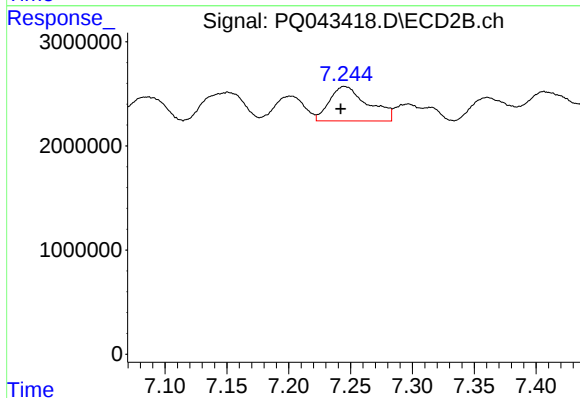
R.T.: 6.806 min
Delta R.T.: 0.019 min
Response: 1821046
Conc: 21.12 ng/ml



#25 AR-1248-5

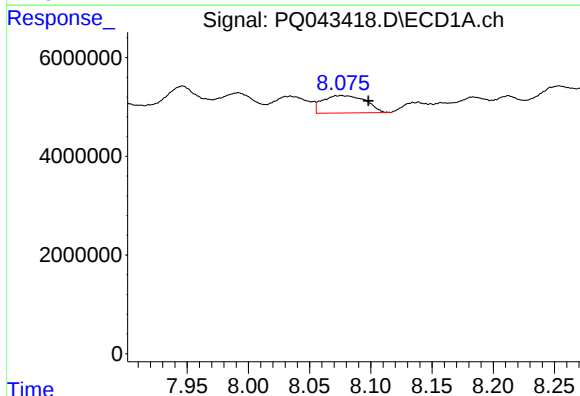
R.T.: 8.184 min
Delta R.T.: 0.013 min
Response: 6292706
Conc: 26.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



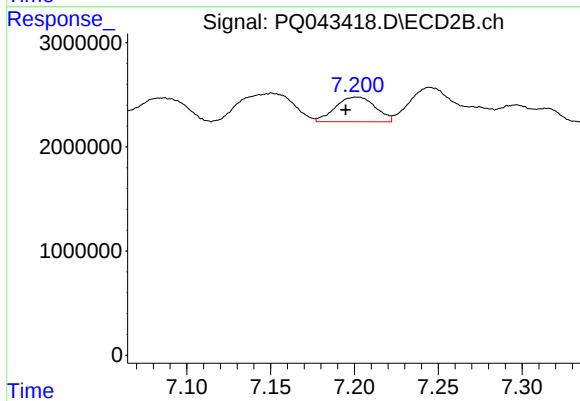
#25 AR-1248-5

R.T.: 7.245 min
Delta R.T.: 0.003 min
Response: 7134838
Conc: 72.06 ng/ml



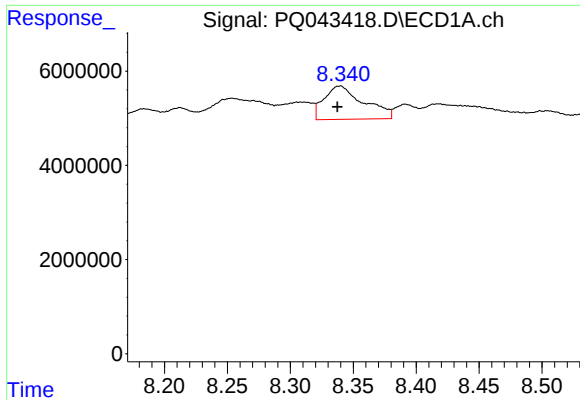
#26 AR-1254-1

R.T.: 8.076 min
Delta R.T.: -0.022 min
Response: 8575154
Conc: 39.79 ng/ml



#26 AR-1254-1

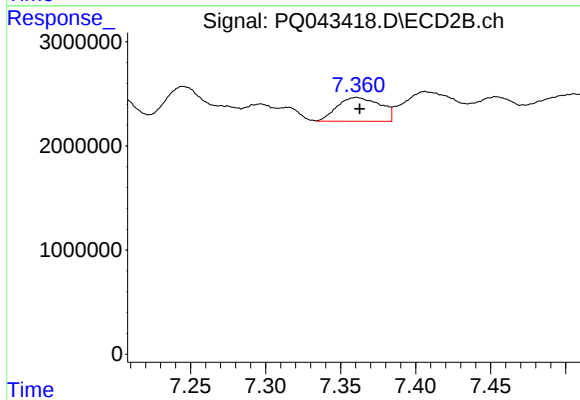
R.T.: 7.201 min
Delta R.T.: 0.006 min
Response: 3926131
Conc: 28.68 ng/ml



#27 AR-1254-2

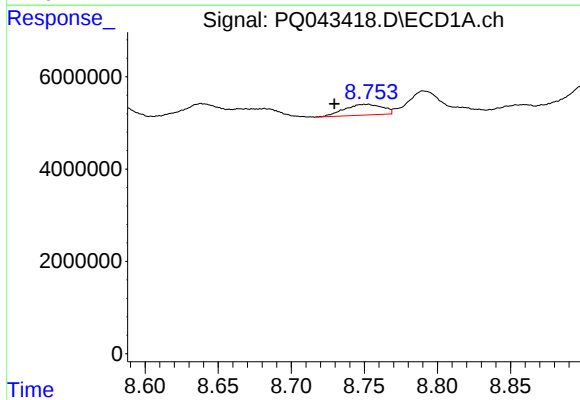
R.T.: 8.339 min
Delta R.T.: 0.002 min
Response: 15517019
Conc: 43.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



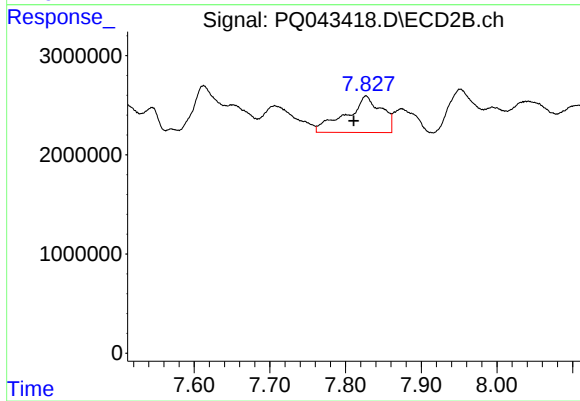
#27 AR-1254-2

R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 4551086
Conc: 36.11 ng/ml



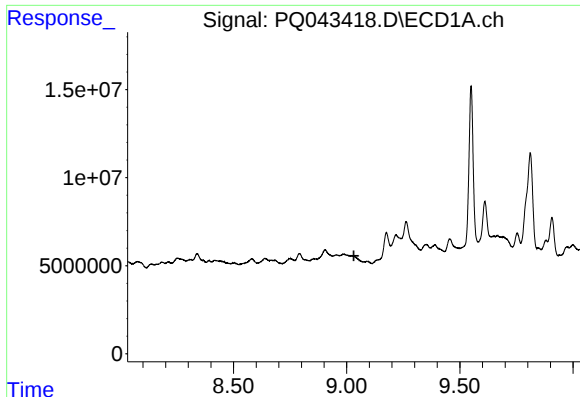
#28 AR-1254-3

R.T.: 8.751 min
Delta R.T.: 0.021 min
Response: 4231431
Conc: 10.29 ng/ml



#28 AR-1254-3

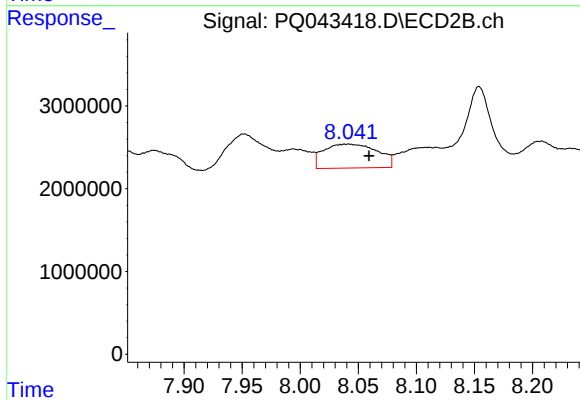
R.T.: 7.827 min
Delta R.T.: 0.016 min
Response: 11987437
Conc: 52.78 ng/ml



#29 AR-1254-4

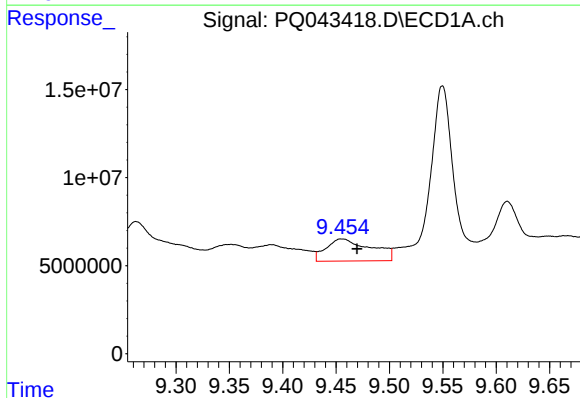
R.T.: 0.000 min
Exp R.T.: 9.032 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



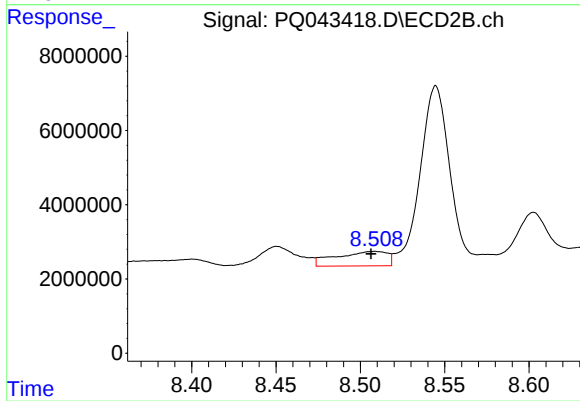
#29 AR-1254-4

R.T.: 8.041 min
Delta R.T.: -0.018 min
Response: 9323453
Conc: 59.55 ng/ml



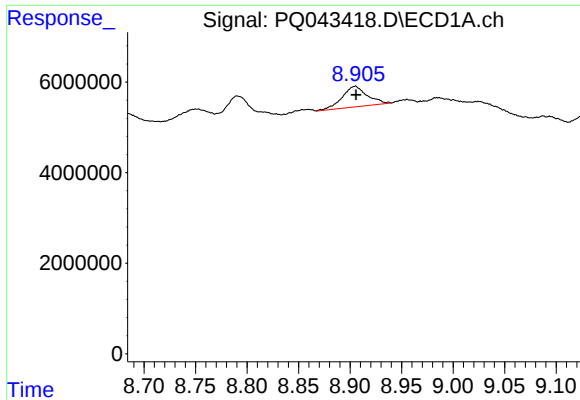
#30 AR-1254-5

R.T.: 9.456 min
Delta R.T.: -0.014 min
Response: 36848895
Conc: 99.66 ng/ml



#30 AR-1254-5

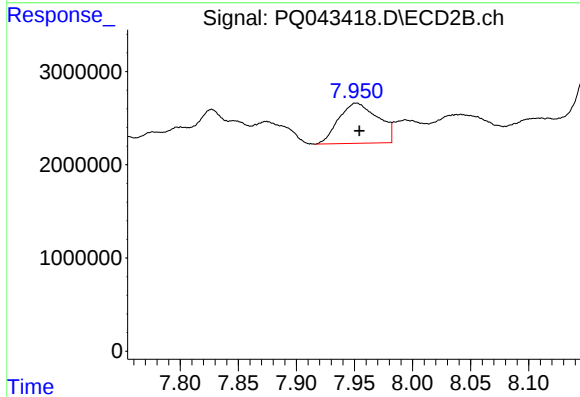
R.T.: 8.508 min
Delta R.T.: 0.002 min
Response: 8254735
Conc: 35.29 ng/ml



#31 AR-1260-1

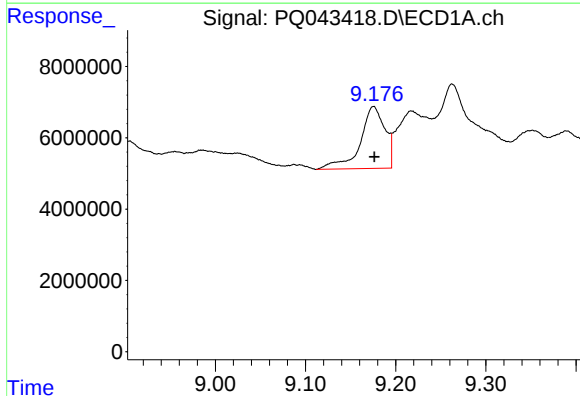
R.T.: 8.905 min
Delta R.T.: -0.001 min
Response: 7732340
Conc: 30.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



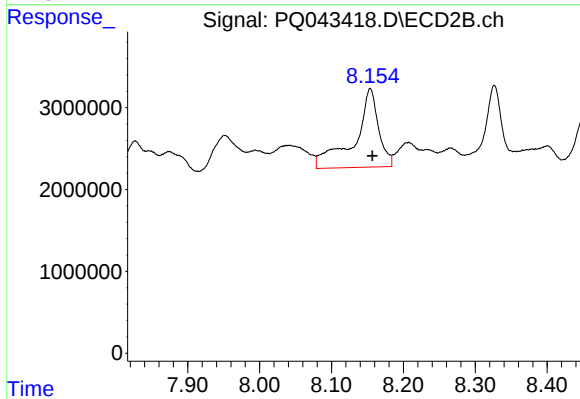
#31 AR-1260-1

R.T.: 7.952 min
Delta R.T.: -0.002 min
Response: 10185436
Conc: 77.51 ng/ml



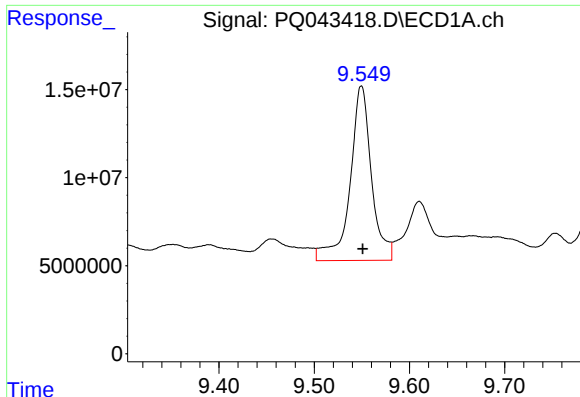
#32 AR-1260-2

R.T.: 9.176 min
Delta R.T.: 0.000 min
Response: 33201519
Conc: 101.95 ng/ml



#32 AR-1260-2

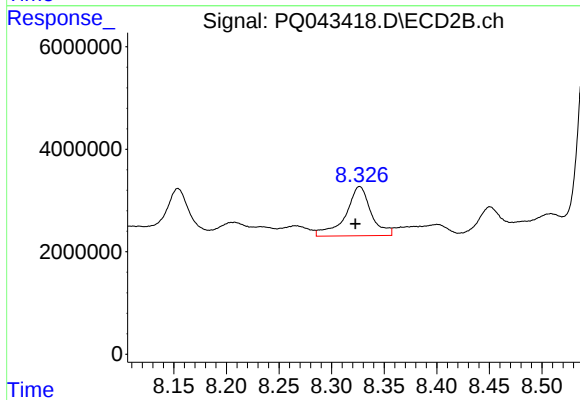
R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 22279318
Conc: 131.82 ng/ml



#33 AR-1260-3

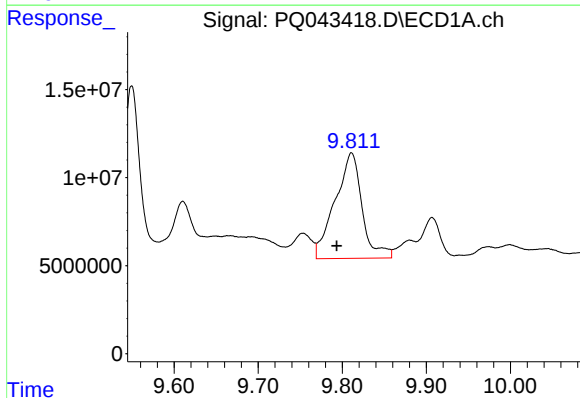
R.T.: 9.550 min
Delta R.T.: -0.001 min
Response: 154981139
Conc: 589.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



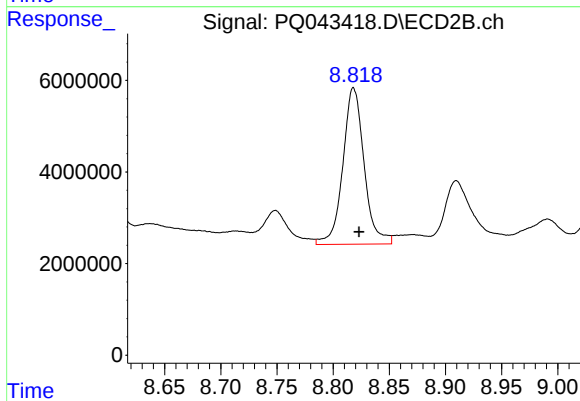
#33 AR-1260-3

R.T.: 8.327 min
Delta R.T.: 0.004 min
Response: 16189735
Conc: 101.76 ng/ml



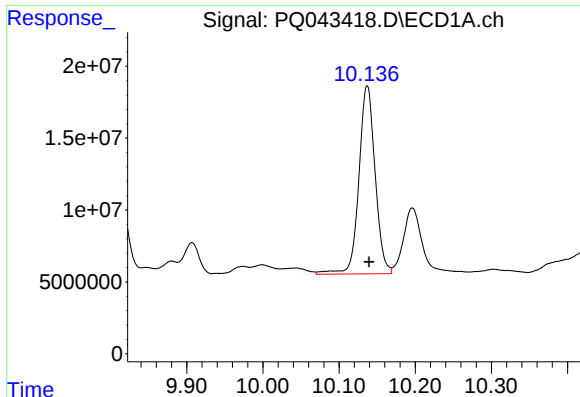
#34 AR-1260-4

R.T.: 9.811 min
Delta R.T.: 0.018 min
Response: 133845267
Conc: 415.41 ng/ml



#34 AR-1260-4

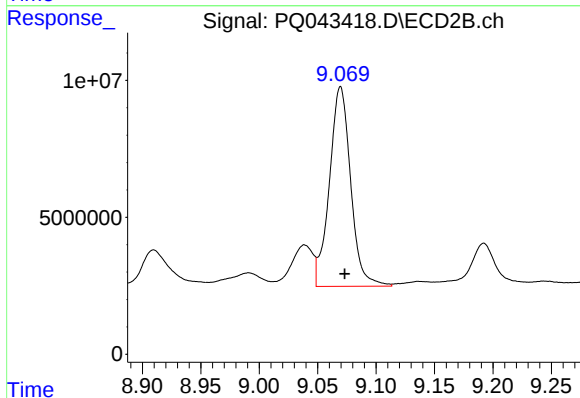
R.T.: 8.818 min
Delta R.T.: -0.005 min
Response: 45126406
Conc: 294.05 ng/ml



#35 AR-1260-5

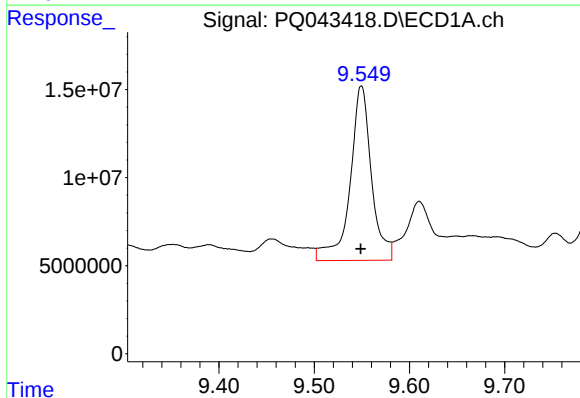
R.T.: 10.137 min
Delta R.T.: -0.002 min
Response: 194173967
Conc: 273.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



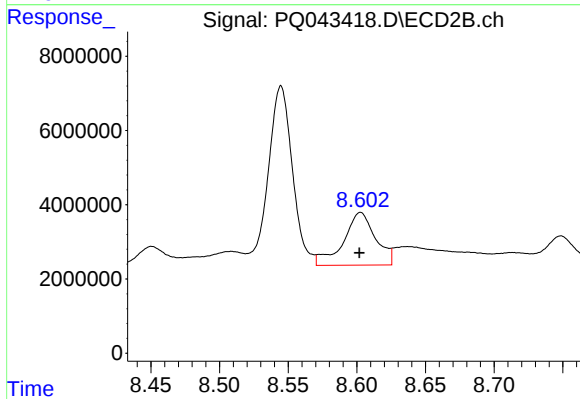
#35 AR-1260-5

R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 92474307
Conc: 228.36 ng/ml



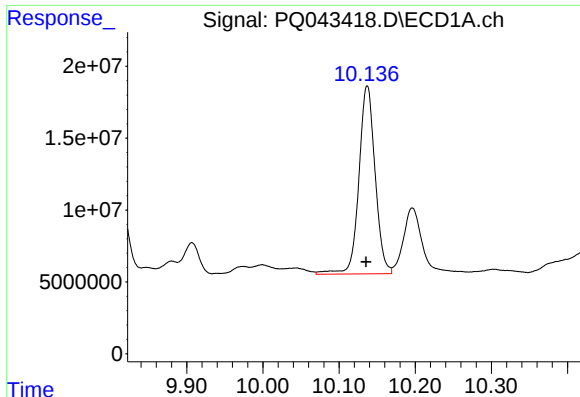
#36 AR-1262-1

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 154981139
Conc: 334.50 ng/ml



#36 AR-1262-1

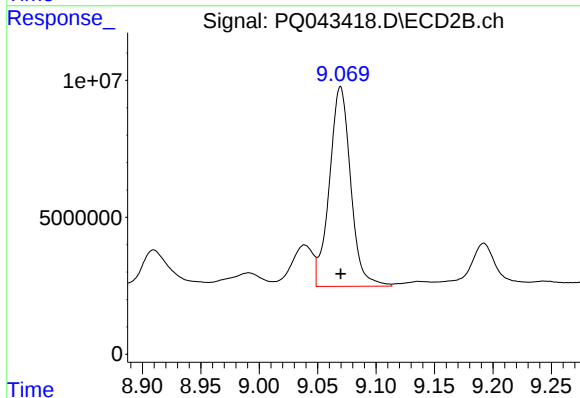
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 23125345
Conc: 232.74 ng/ml



#37 AR-1262-2

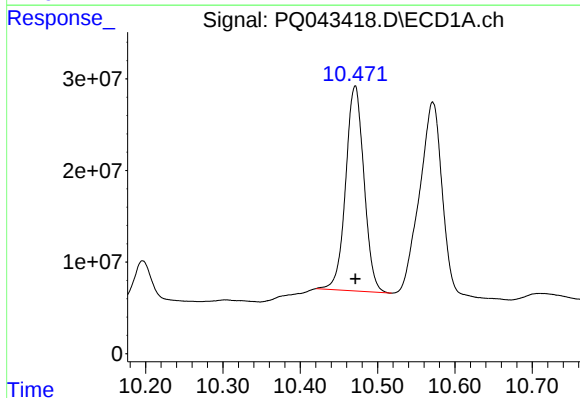
R.T.: 10.137 min
Delta R.T.: 0.001 min
Response: 194173967
Conc: 209.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



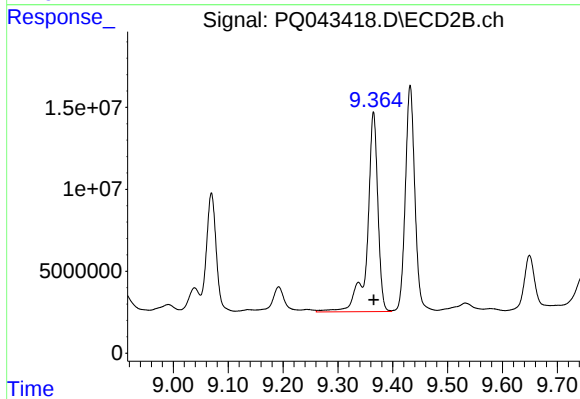
#37 AR-1262-2

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 92474307
Conc: 183.03 ng/ml



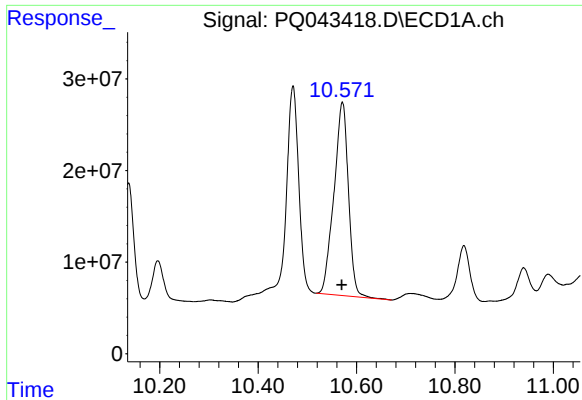
#38 AR-1262-3

R.T.: 10.471 min
Delta R.T.: 0.000 min
Response: 367651188
Conc: 550.99 ng/ml



#38 AR-1262-3

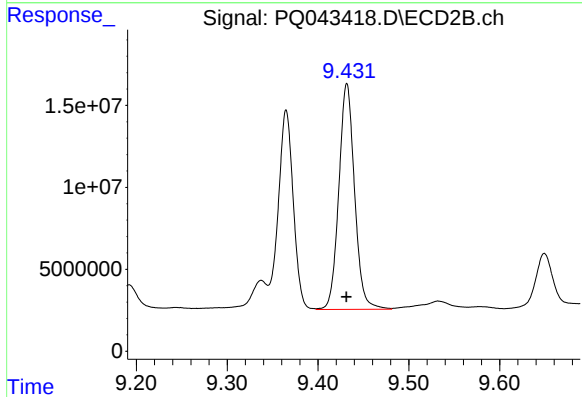
R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 163555663
Conc: 768.41 ng/ml



#39 AR-1262-4

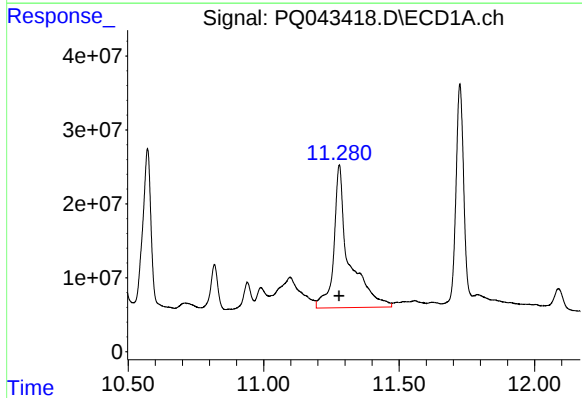
R.T.: 10.571 min
Delta R.T.: 0.001 min
Response: 432065907
Conc: 869.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



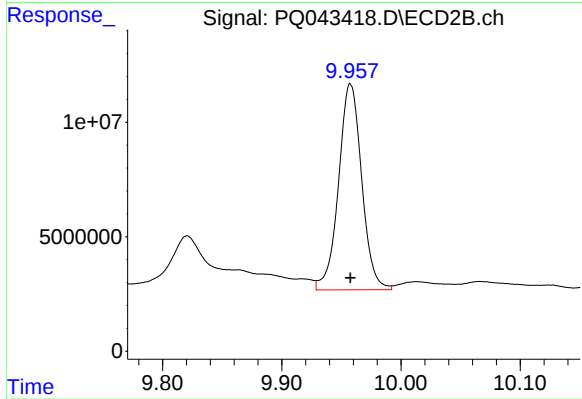
#39 AR-1262-4

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 165796856
Conc: 413.00 ng/ml



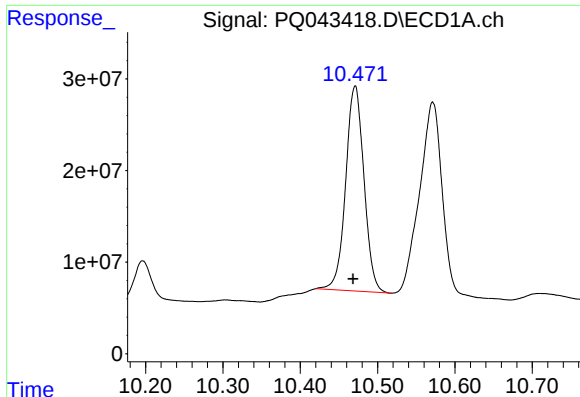
#40 AR-1262-5

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 755405659
Conc: 1806.64 ng/ml



#40 AR-1262-5

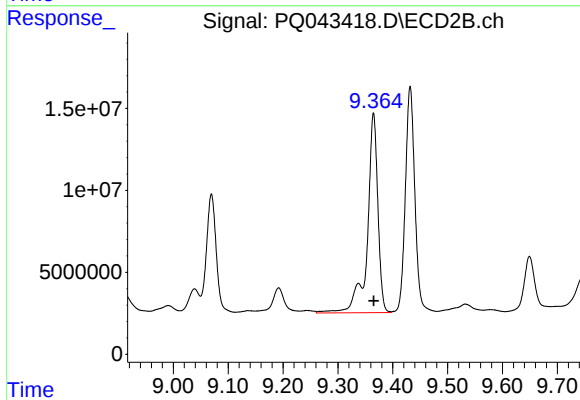
R.T.: 9.958 min
Delta R.T.: 0.000 min
Response: 121615857
Conc: 622.27 ng/ml



#41 AR-1268-1

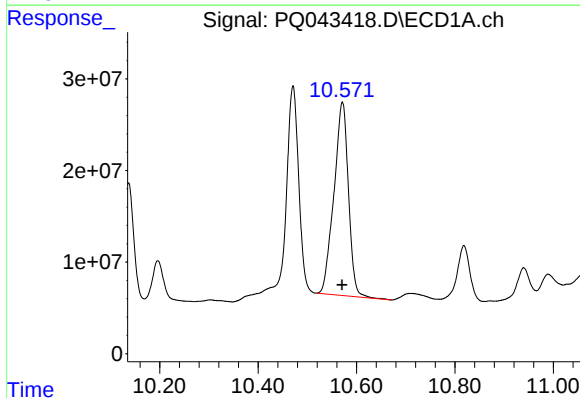
R.T.: 10.471 min
Delta R.T.: 0.003 min
Response: 367651188
Conc: 335.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



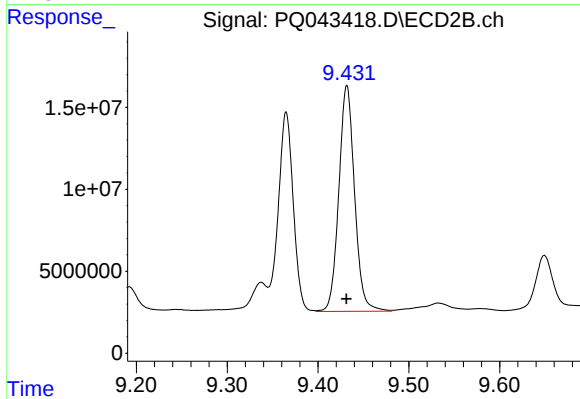
#41 AR-1268-1

R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 163555663
Conc: 289.41 ng/ml



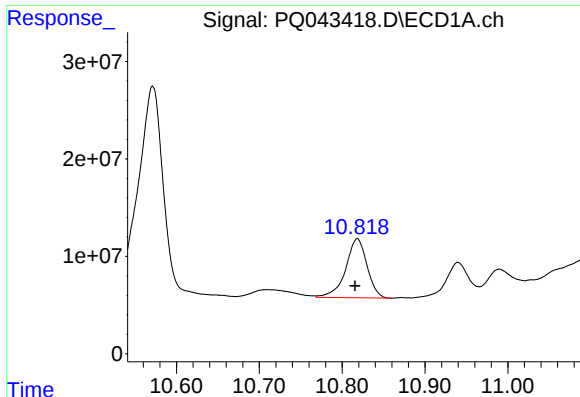
#42 AR-1268-2

R.T.: 10.571 min
Delta R.T.: 0.000 min
Response: 432065907
Conc: 418.38 ng/ml



#42 AR-1268-2

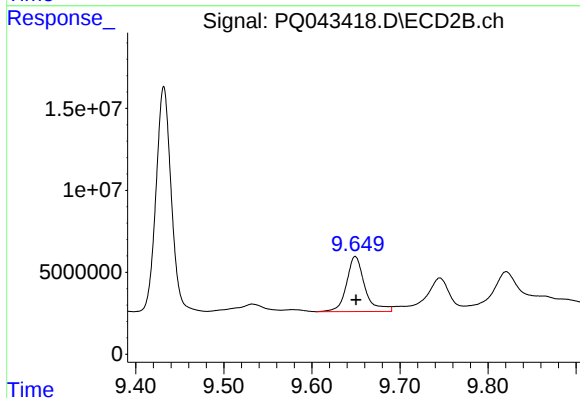
R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 165796856
Conc: 318.52 ng/ml



#43 AR-1268-3

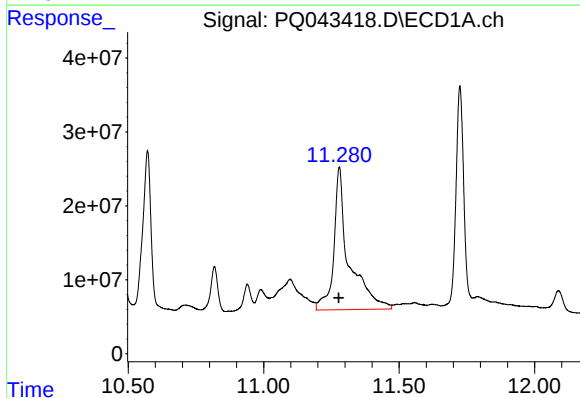
R.T.: 10.818 min
Delta R.T.: 0.003 min
Response: 108987942
Conc: 125.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



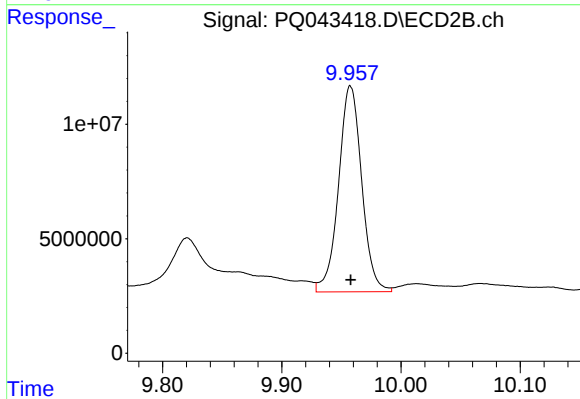
#43 AR-1268-3

R.T.: 9.649 min
Delta R.T.: 0.000 min
Response: 48522033
Conc: 117.95 ng/ml



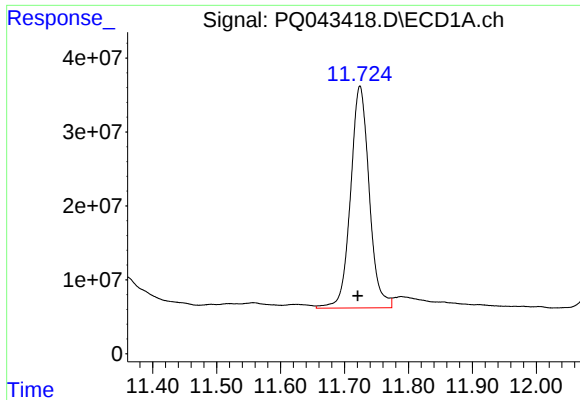
#44 AR-1268-4

R.T.: 11.279 min
Delta R.T.: 0.002 min
Response: 755405659
Conc: 1743.31 ng/ml



#44 AR-1268-4

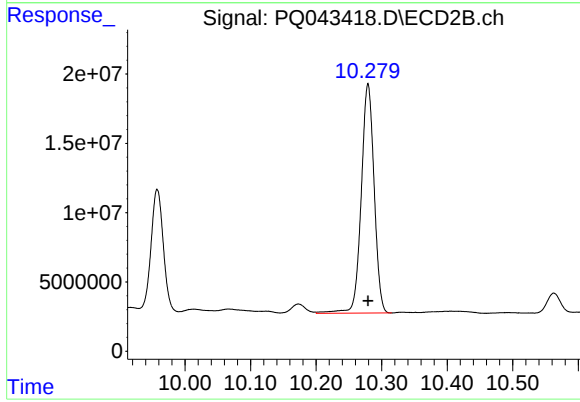
R.T.: 9.958 min
Delta R.T.: 0.000 min
Response: 121615857
Conc: 597.76 ng/ml



#45 AR-1268-5

R.T.: 11.724 min
Delta R.T.: 0.003 min
Response: 610923728
Conc: 177.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D05DL



#45 AR-1268-5

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 226024104
Conc: 142.49 ng/ml