

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
 Data File : PQ041246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 20:25
 Operator : SM\AJ
 Sample : PB121291BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:38:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.713	4.770	149.5E6	102.3E6	14.715	15.696
2)	SA Decachlor...	12.129	10.541	219.3E6	85353399	17.076	18.257
Target Compounds							
3)	L1 AR-1016-1	7.159	6.226	63867080	45724792	160.654	182.209
4)	L1 AR-1016-2	7.186	6.249	92550324	63723184	159.644	178.764
5)	L1 AR-1016-3	7.256	6.464	54631266	33329592	159.813	179.350
6)	L1 AR-1016-4	7.369	6.517	45070210	26503756	155.728	173.888
7)	L1 AR-1016-5	7.704	6.770	44062798	33536372	161.795	176.124
8)	L2 AR-1221-1	0.000	5.078	0	3282545	N.D.	44.309 #
9)	L2 AR-1221-2	0.000	5.196	0	4884999	N.D.	91.325 #
10)	L2 AR-1221-3	6.198	5.300	27486026	20773500	104.060	119.389
11)	L3 AR-1232-1	6.198	5.300	27486026	20773500	138.359	151.484
12)	L3 AR-1232-2	6.843	6.249	40346374	63723184	385.198	437.722
13)	L3 AR-1232-3	7.186	6.464	92550324	33329592	400.728	447.660
14)	L3 AR-1232-4	7.369	6.567	45070210	32459381	401.732	511.196 #
15)	L3 AR-1232-5	7.474	6.770	36274466	33536372	501.395	489.034
16)	L4 AR-1242-1	7.159	6.226	63867080	45724792	143.506	158.991
17)	L4 AR-1242-2	7.186	6.249	92550324	63723184	140.026	153.654
18)	L4 AR-1242-3	7.256	6.464	54631266	33329592	142.325	156.174
19)	L4 AR-1242-4	7.369	6.567	45070210	32459381	135.190	164.238
20)	L4 AR-1242-5	0.000	7.179	0	28622426	N.D.	96.380 #
21)	L5 AR-1248-1	7.159	6.226	63867080	45724792	209.261	234.042
22)	L5 AR-1248-2	7.474	6.517	36274466	26503756	94.088	103.765
23)	L5 AR-1248-3	7.704	6.567	44062798	32459381	89.788	124.542 #
24)	L5 AR-1248-4	8.121	6.770	24862382	33536372	41.770	105.685 #
25)	L5 AR-1248-5	0.000	7.225	0	5307912	N.D.	15.900 #
26)	L6 AR-1254-1	8.121	7.179	24862382	28622426	48.208	79.175 #
27)	L6 AR-1254-2	8.358	7.346	38092548	27839355	59.069	91.102 #
28)	L6 AR-1254-3	8.752	7.811	22722287	49532729	31.061	99.904 #
29)	L6 AR-1254-4	9.054	8.044	15048476	6166509	23.790	18.094
30)	L6 AR-1254-5	9.493	8.490	149.5E6	91867536	258.922	219.031
31)	L7 AR-1260-1	8.926	7.937	87309386	68144383	165.085	200.555
32)	L7 AR-1260-2	9.195	8.139	130.5E6	90611665	174.158	203.759
33)	L7 AR-1260-3	9.571	8.305	93021671	74381773	145.011	199.456 #
34)	L7 AR-1260-4	9.815	8.804	94433737	52213106	155.644	173.622
35)	L7 AR-1260-5	10.163	9.054	221.0E6	130.4E6	154.861	176.123
36)	L8 AR-1262-1	9.571	8.529	93021671	64560116	92.565	118.800 #
37)	L8 AR-1262-2	10.163	9.054	221.0E6	130.4E6	123.950	147.717
38)	L8 AR-1262-3	10.520	9.349	133.9E6	26833473	115.089	76.967 #
39)	L8 AR-1262-4	10.578	9.415	77203673	90546186	84.951	147.666 #
40)	L8 AR-1262-5	11.314	9.940	54107262	25224082	85.201	96.298
41)	L9 AR-1268-1	10.520	9.349	133.9E6	26833473	65.526	29.491 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 20:25
 Operator : SM\AJ
 Sample : PB121291BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

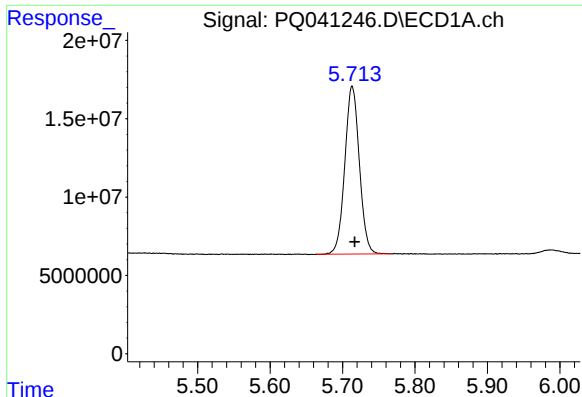
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:38:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	10.578	9.415	77203673	90546186	42.034	112.053 #
44) L9	AR-1268-4	11.314	9.940	54107262	25224082	82.213	91.575
45) L9	AR-1268-5	11.762	10.259	17570081	8380968	3.565	4.734 #

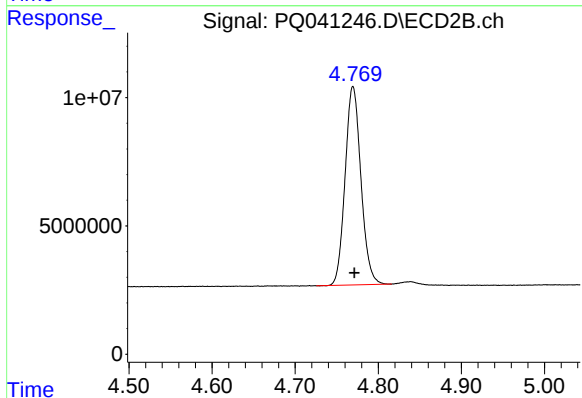
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

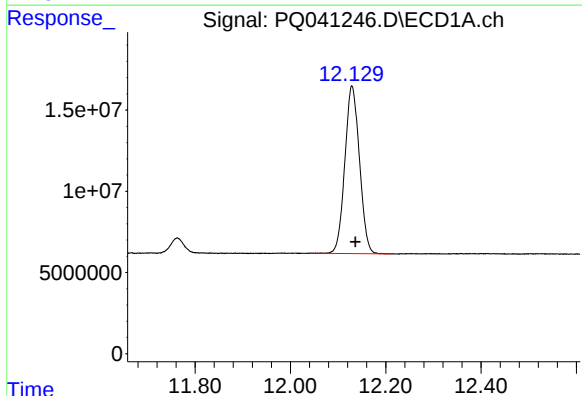
R.T.: 5.713 min
Delta R.T.: -0.004 min
Response: 149472717
Conc: 14.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



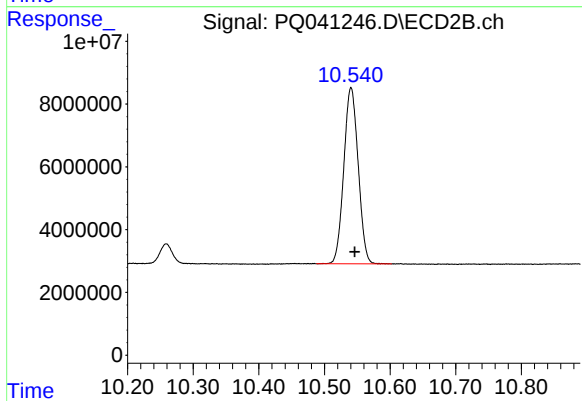
#1 Tetrachloro-m-xylene

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 102349404
Conc: 15.70 ng/ml



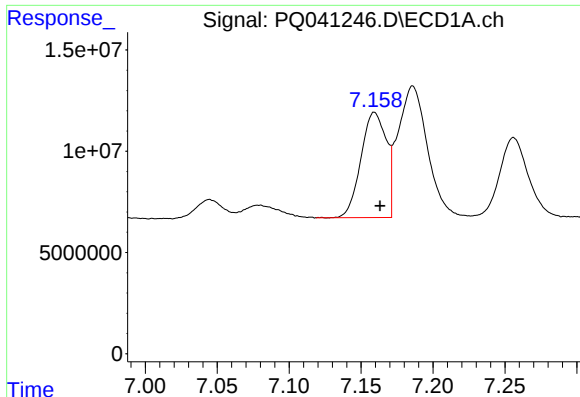
#2 Decachlorobiphenyl

R.T.: 12.129 min
Delta R.T.: -0.007 min
Response: 219300482
Conc: 17.08 ng/ml



#2 Decachlorobiphenyl

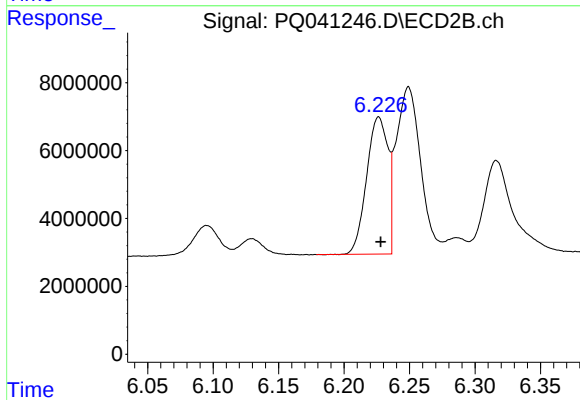
R.T.: 10.541 min
Delta R.T.: -0.006 min
Response: 85353399
Conc: 18.26 ng/ml



#3 AR-1016-1

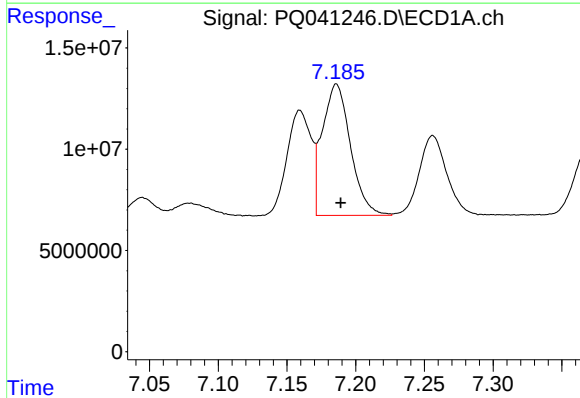
R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 63867080
Conc: 160.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



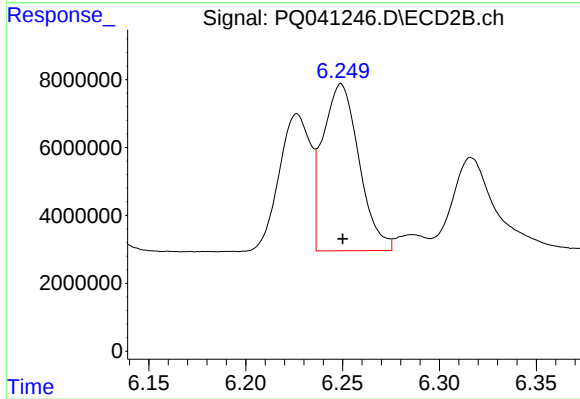
#3 AR-1016-1

R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 45724792
Conc: 182.21 ng/ml



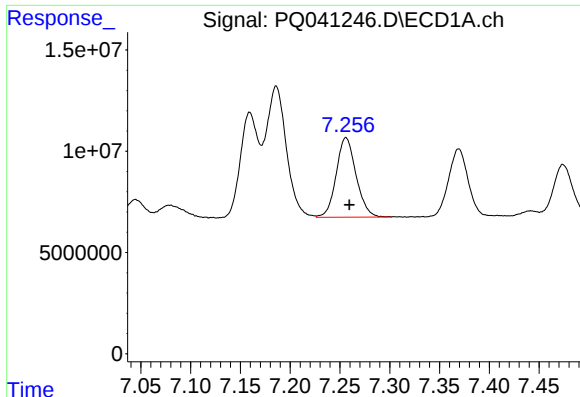
#4 AR-1016-2

R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 92550324
Conc: 159.64 ng/ml



#4 AR-1016-2

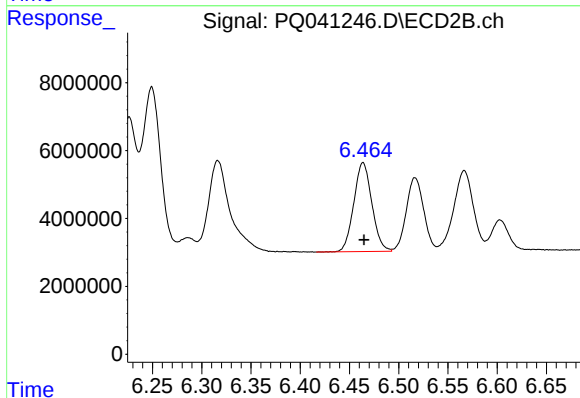
R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 63723184
Conc: 178.76 ng/ml



#5 AR-1016-3

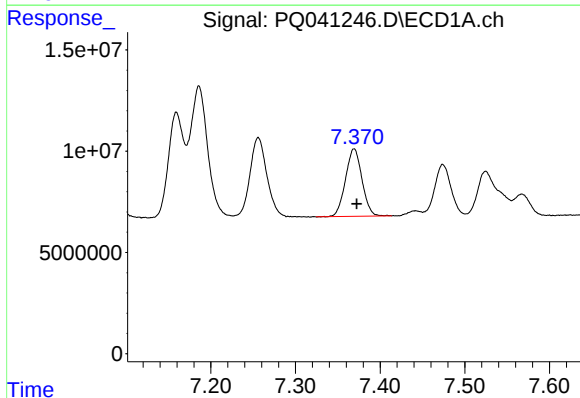
R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 54631266
Conc: 159.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



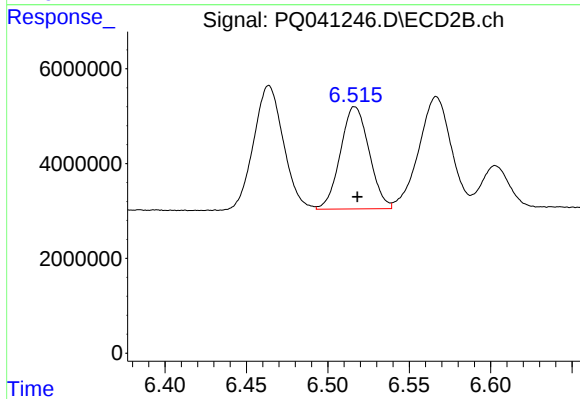
#5 AR-1016-3

R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 33329592
Conc: 179.35 ng/ml



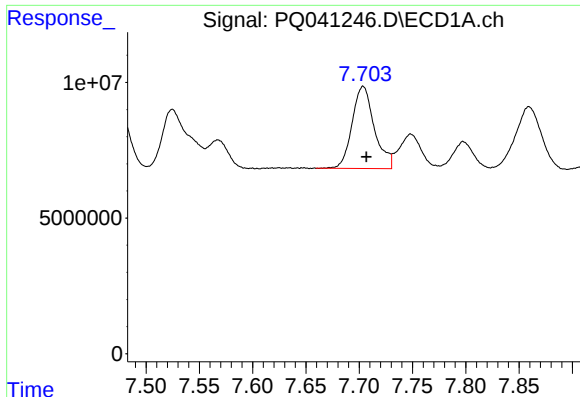
#6 AR-1016-4

R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 45070210
Conc: 155.73 ng/ml



#6 AR-1016-4

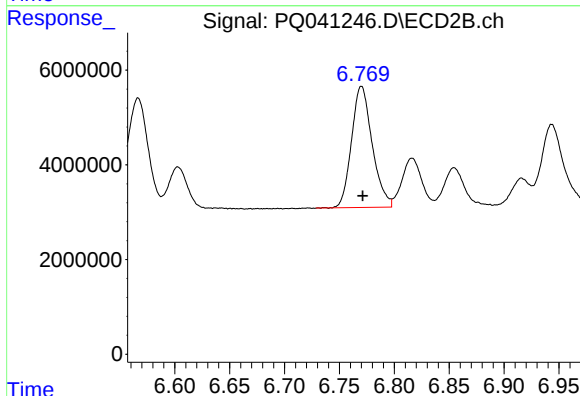
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 26503756
Conc: 173.89 ng/ml



#7 AR-1016-5

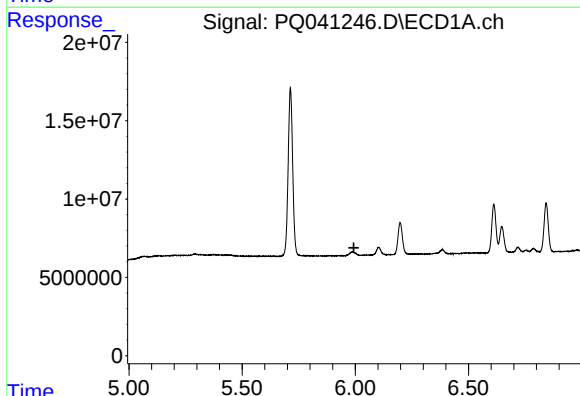
R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 44062798
Conc: 161.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



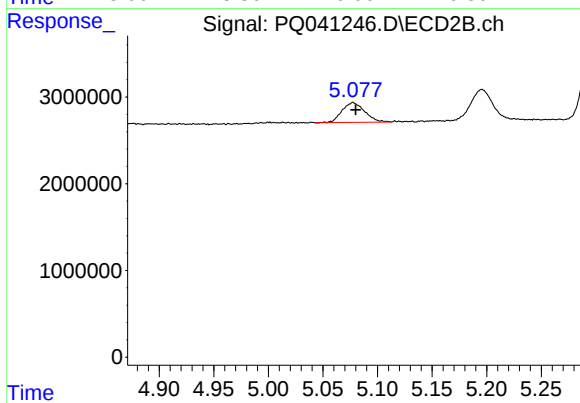
#7 AR-1016-5

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 33536372
Conc: 176.12 ng/ml



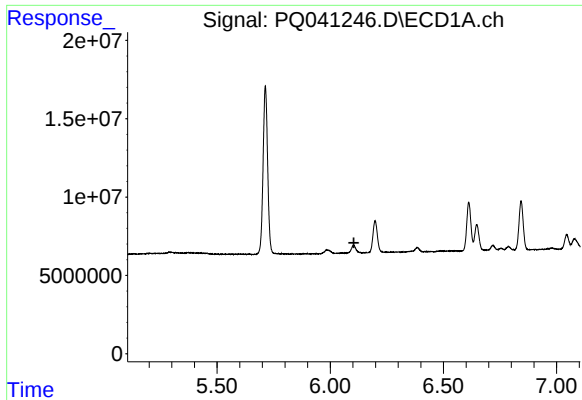
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.994 min
Response: 0
Conc: N.D.



#8 AR-1221-1

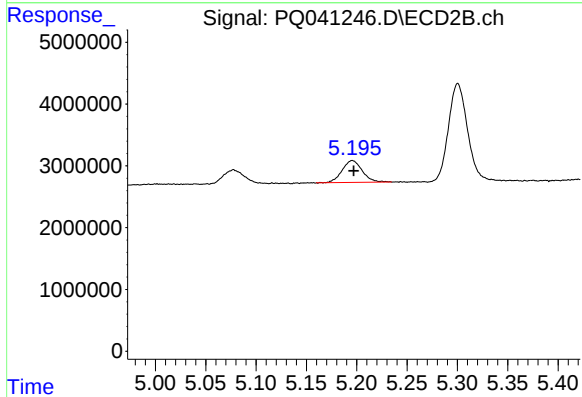
R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 3282545
Conc: 44.31 ng/ml



#9 AR-1221-2

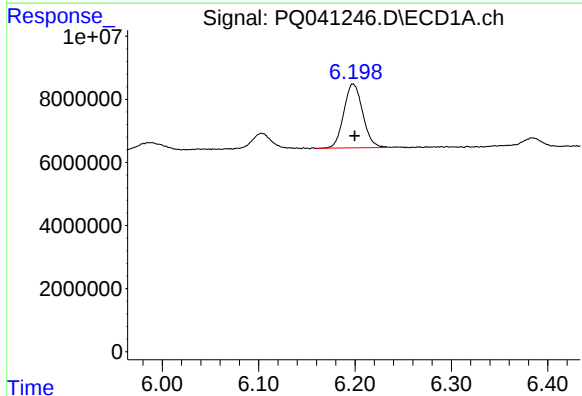
R.T.: 0.000 min
Exp R.T.: 6.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



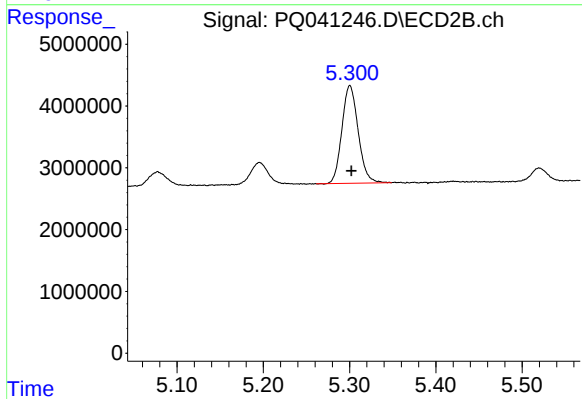
#9 AR-1221-2

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 4884999
Conc: 91.33 ng/ml



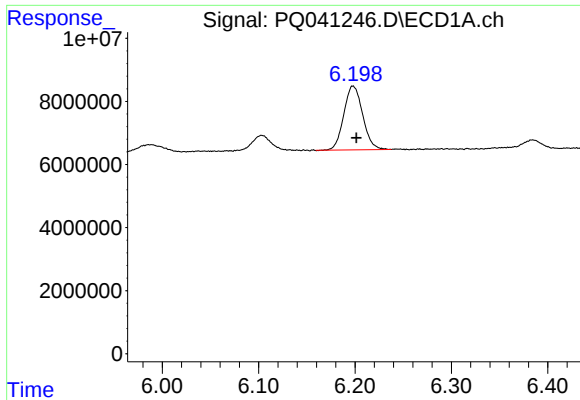
#10 AR-1221-3

R.T.: 6.198 min
Delta R.T.: -0.002 min
Response: 27486026
Conc: 104.06 ng/ml



#10 AR-1221-3

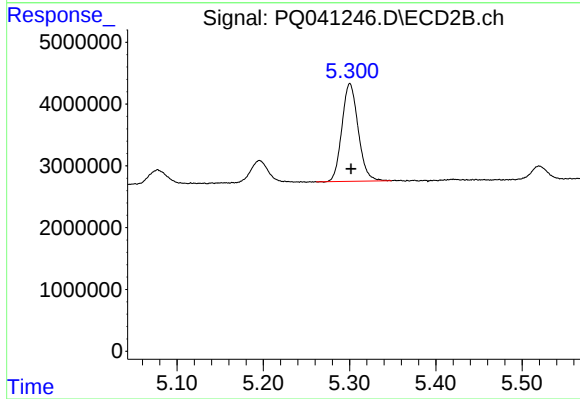
R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 20773500
Conc: 119.39 ng/ml



#11 AR-1232-1

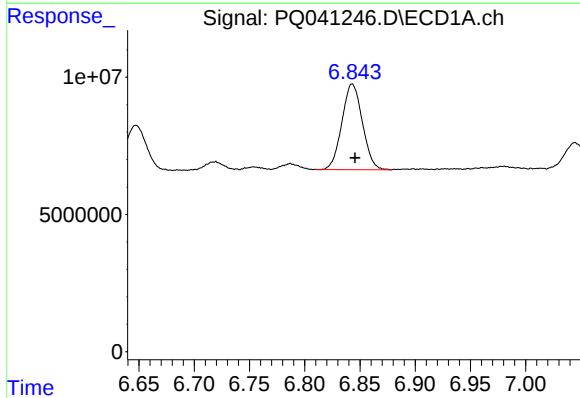
R.T.: 6.198 min
Delta R.T.: -0.003 min
Response: 27486026
Conc: 138.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



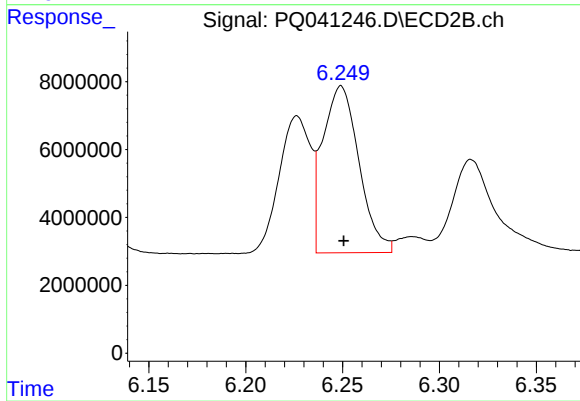
#11 AR-1232-1

R.T.: 5.300 min
Delta R.T.: -0.001 min
Response: 20773500
Conc: 151.48 ng/ml



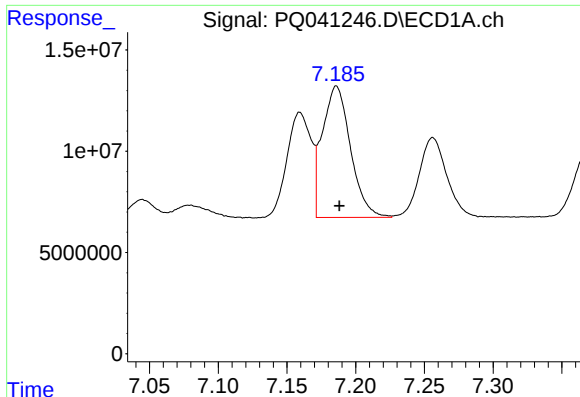
#12 AR-1232-2

R.T.: 6.843 min
Delta R.T.: -0.003 min
Response: 40346374
Conc: 385.20 ng/ml



#12 AR-1232-2

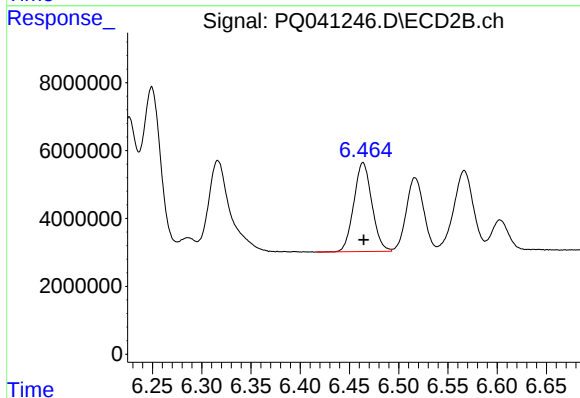
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 63723184
Conc: 437.72 ng/ml



#13 AR-1232-3

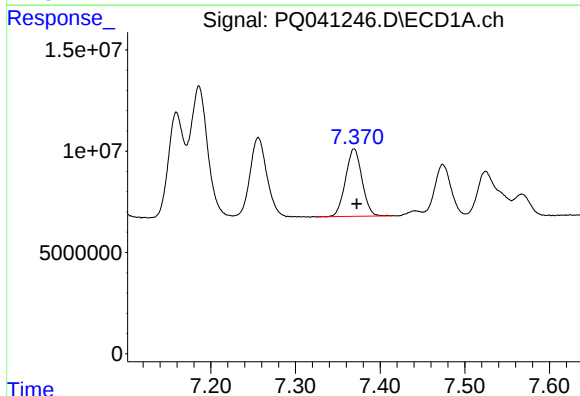
R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 92550324
Conc: 400.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



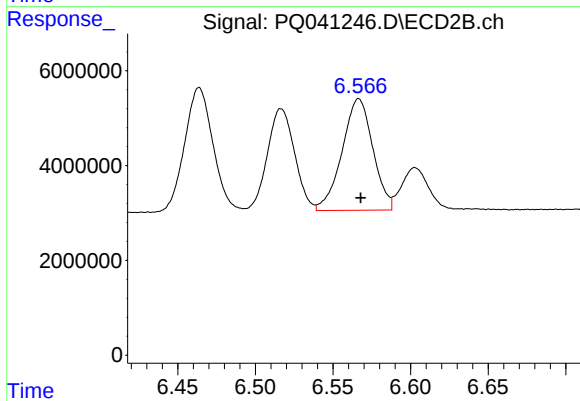
#13 AR-1232-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 33329592
Conc: 447.66 ng/ml



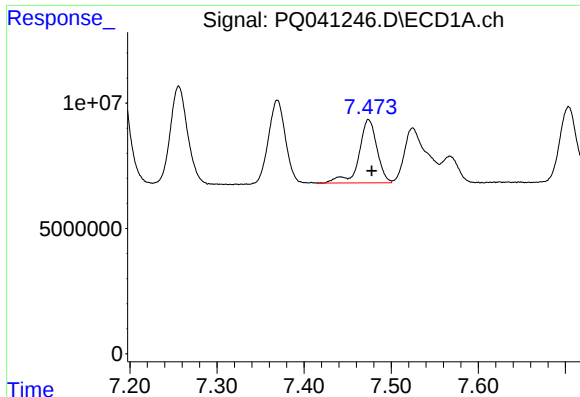
#14 AR-1232-4

R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 45070210
Conc: 401.73 ng/ml



#14 AR-1232-4

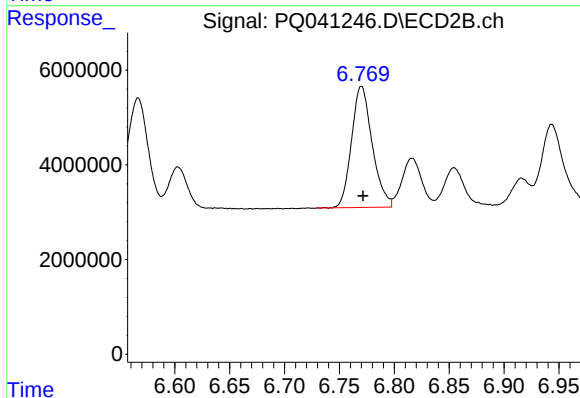
R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 32459381
Conc: 511.20 ng/ml



#15 AR-1232-5

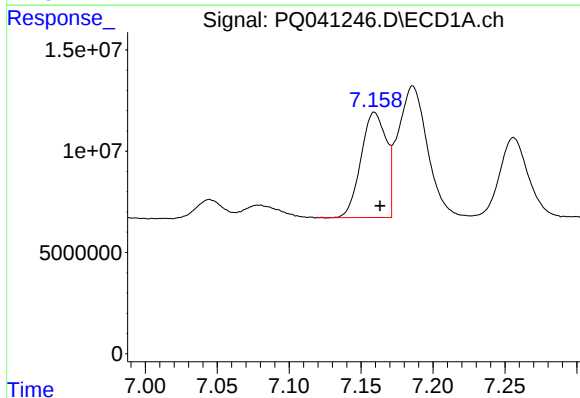
R.T.: 7.474 min
Delta R.T.: -0.004 min
Response: 36274466
Conc: 501.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



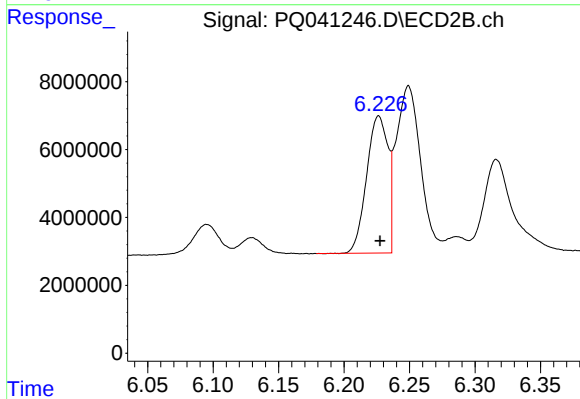
#15 AR-1232-5

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 33536372
Conc: 489.03 ng/ml



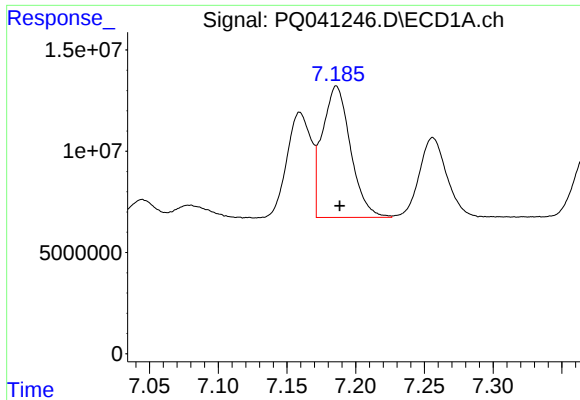
#16 AR-1242-1

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 63867080
Conc: 143.51 ng/ml



#16 AR-1242-1

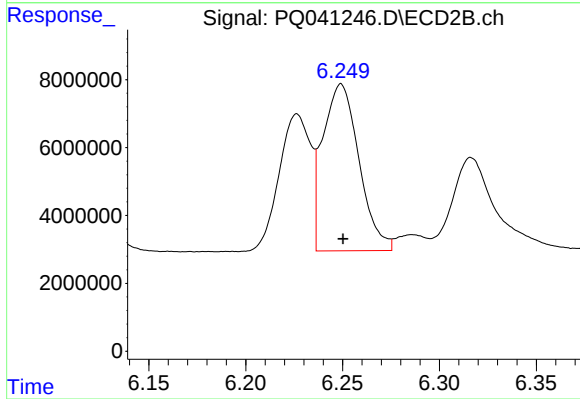
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 45724792
Conc: 158.99 ng/ml



#17 AR-1242-2

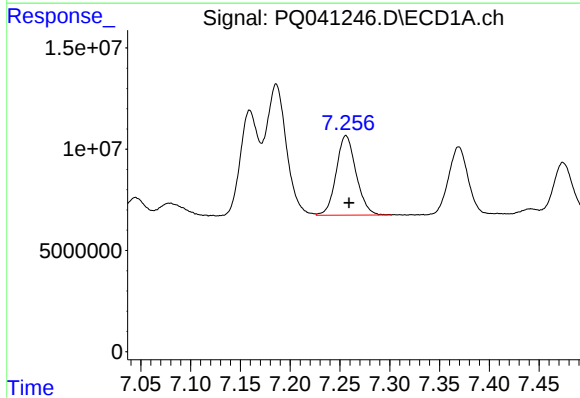
R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 92550324
Conc: 140.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



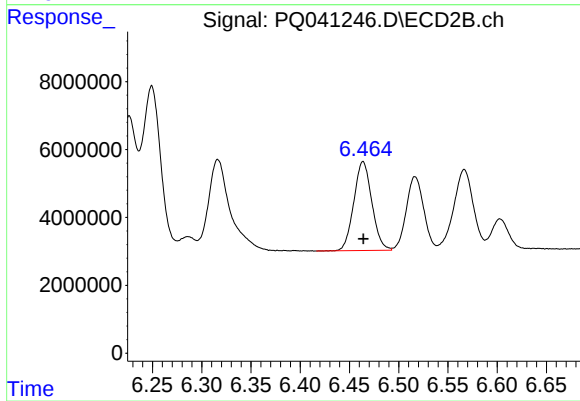
#17 AR-1242-2

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 63723184
Conc: 153.65 ng/ml



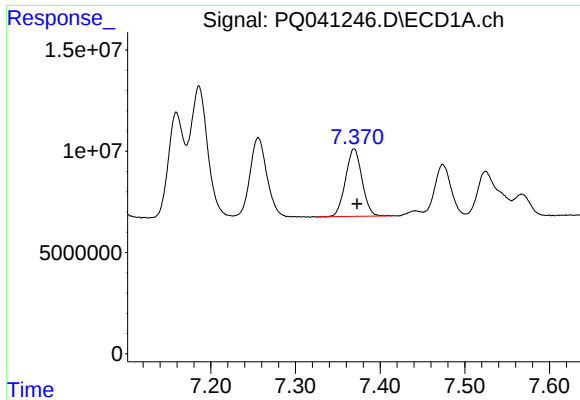
#18 AR-1242-3

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 54631266
Conc: 142.32 ng/ml



#18 AR-1242-3

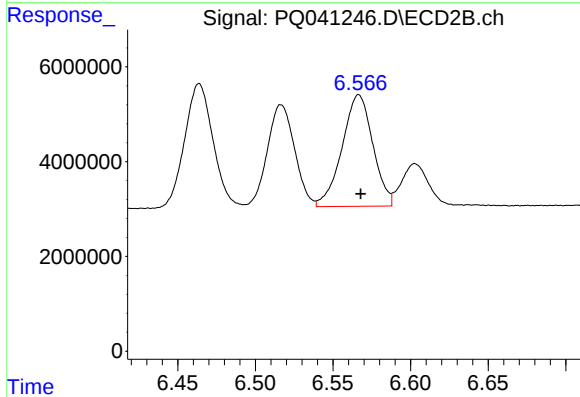
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 33329592
Conc: 156.17 ng/ml



#19 AR-1242-4

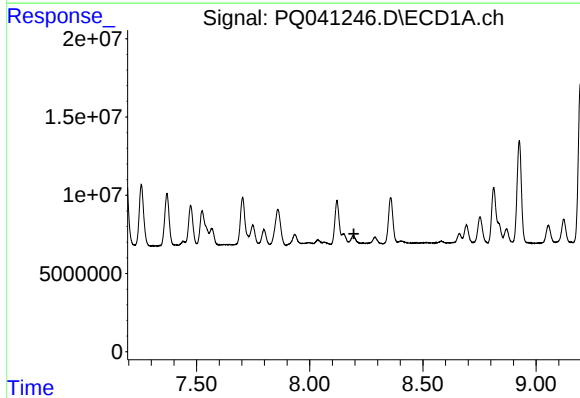
R.T.: 7.369 min
Delta R.T.: -0.003 min
Response: 45070210
Conc: 135.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



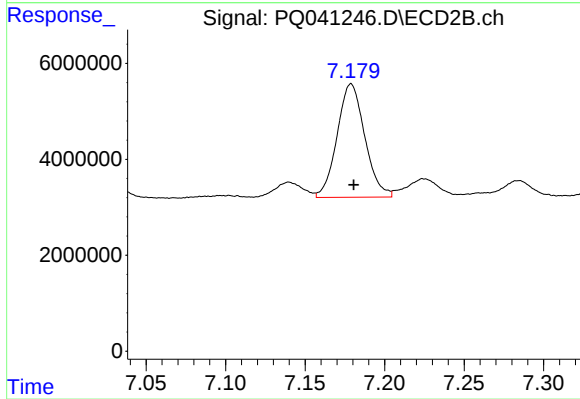
#19 AR-1242-4

R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 32459381
Conc: 164.24 ng/ml



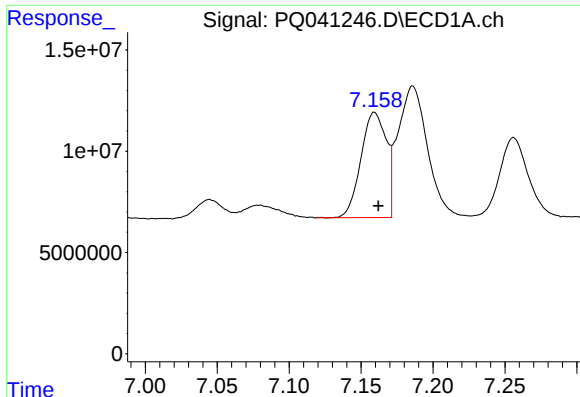
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.195 min
Response: 0
Conc: N.D.



#20 AR-1242-5

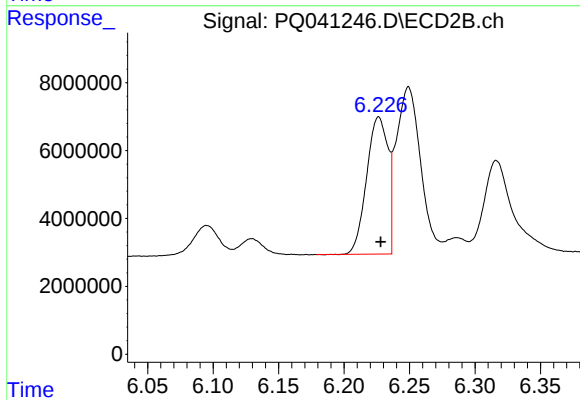
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 28622426
Conc: 96.38 ng/ml



#21 AR-1248-1

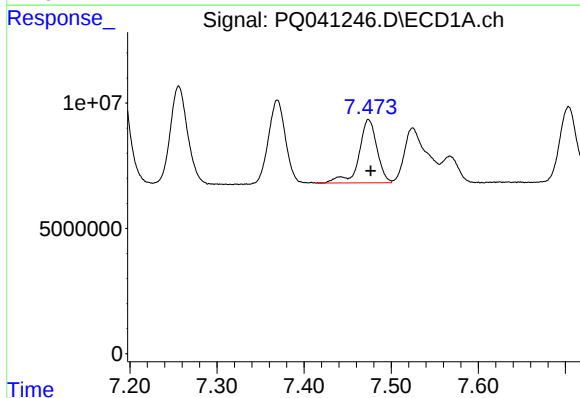
R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 63867080
Conc: 209.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



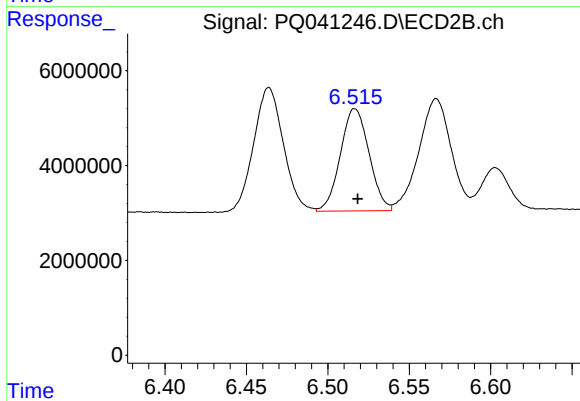
#21 AR-1248-1

R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 45724792
Conc: 234.04 ng/ml



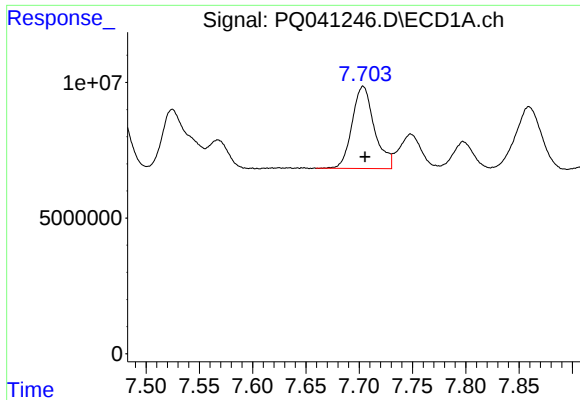
#22 AR-1248-2

R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 36274466
Conc: 94.09 ng/ml



#22 AR-1248-2

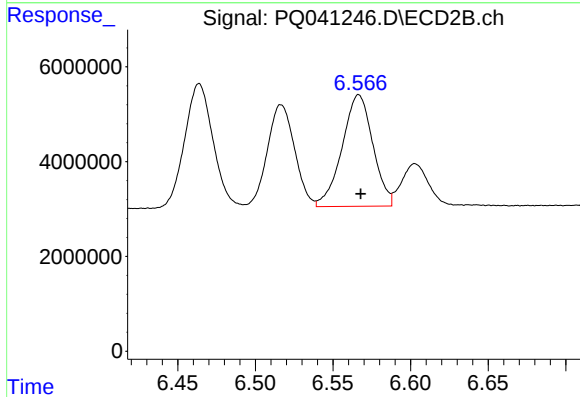
R.T.: 6.517 min
Delta R.T.: -0.002 min
Response: 26503756
Conc: 103.76 ng/ml



#23 AR-1248-3

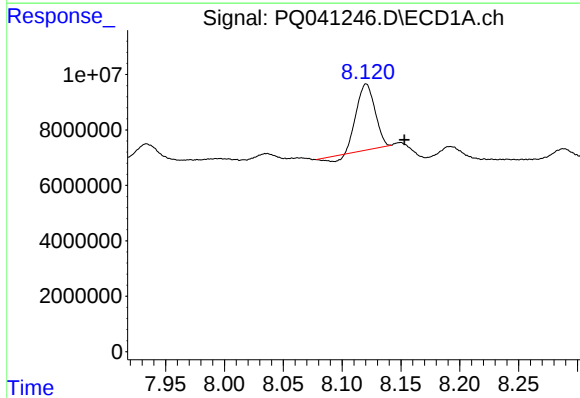
R.T.: 7.704 min
Delta R.T.: -0.002 min
Response: 44062798
Conc: 89.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



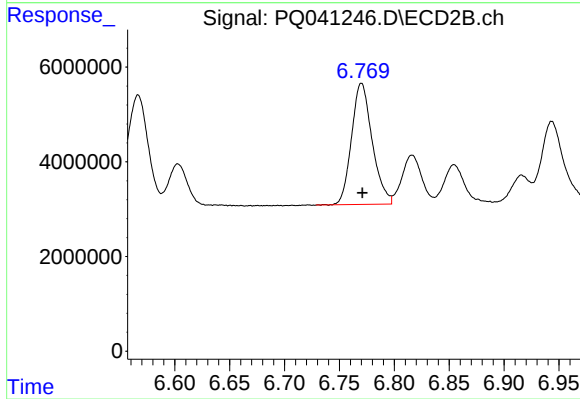
#23 AR-1248-3

R.T.: 6.567 min
Delta R.T.: -0.001 min
Response: 32459381
Conc: 124.54 ng/ml



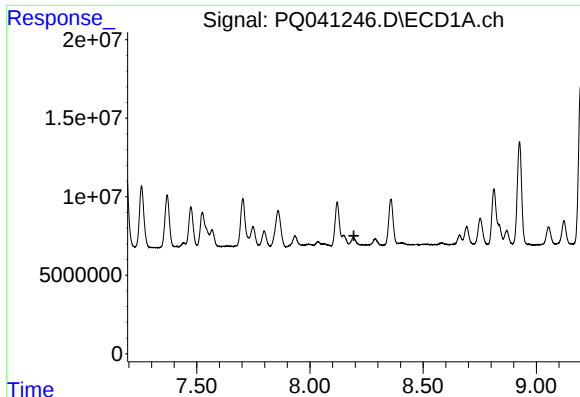
#24 AR-1248-4

R.T.: 8.121 min
Delta R.T.: -0.032 min
Response: 24862382
Conc: 41.77 ng/ml



#24 AR-1248-4

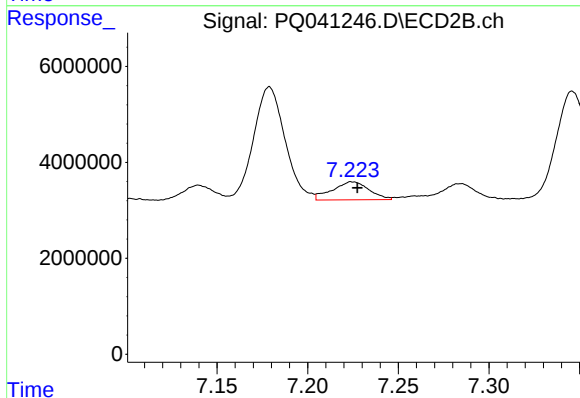
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 33536372
Conc: 105.69 ng/ml



#25 AR-1248-5

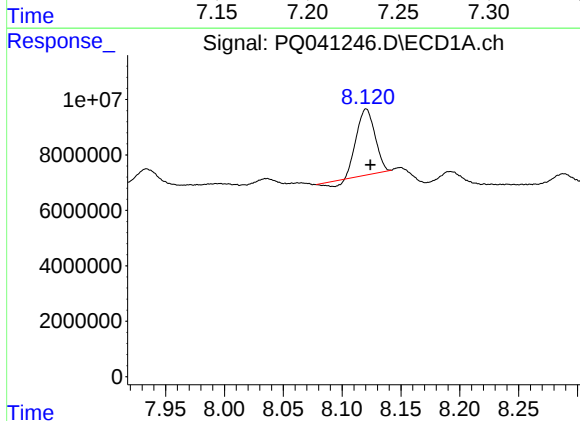
R.T.: 0.000 min
Exp R.T.: 8.194 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



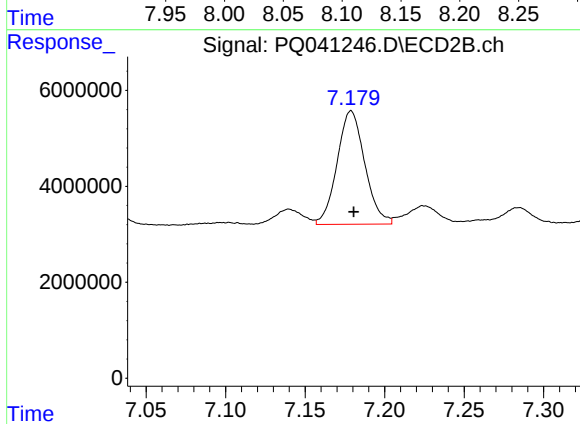
#25 AR-1248-5

R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 5307912
Conc: 15.90 ng/ml



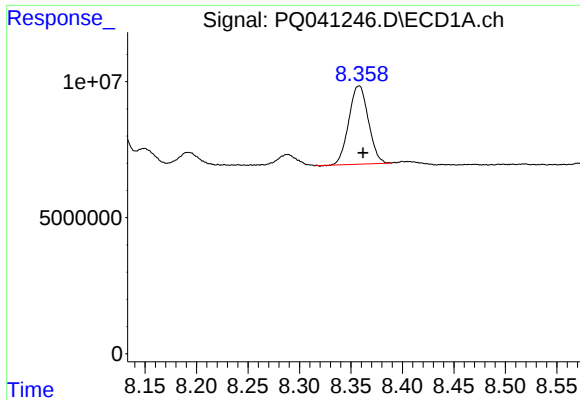
#26 AR-1254-1

R.T.: 8.121 min
Delta R.T.: -0.004 min
Response: 24862382
Conc: 48.21 ng/ml



#26 AR-1254-1

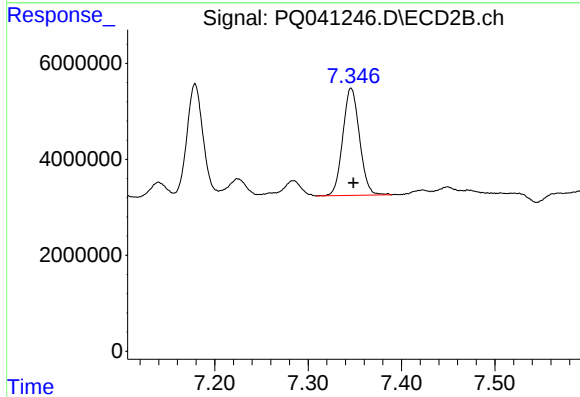
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 28622426
Conc: 79.17 ng/ml



#27 AR-1254-2

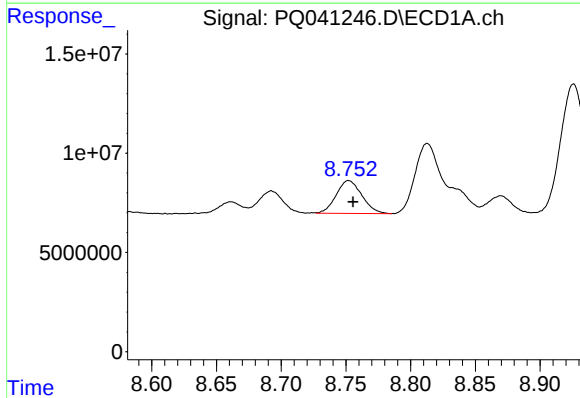
R.T.: 8.358 min
Delta R.T.: -0.004 min
Response: 38092548
Conc: 59.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



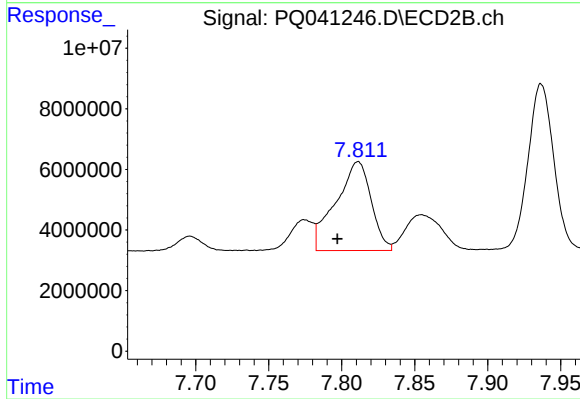
#27 AR-1254-2

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 27839355
Conc: 91.10 ng/ml



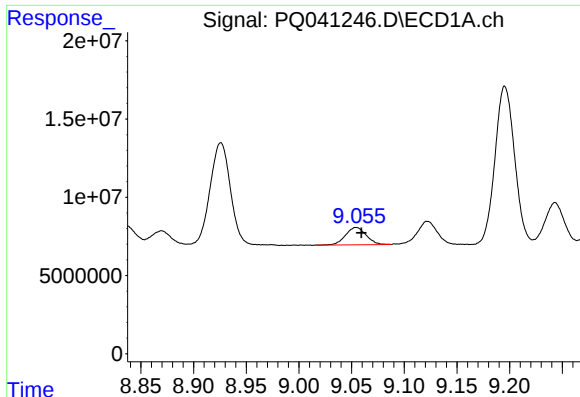
#28 AR-1254-3

R.T.: 8.752 min
Delta R.T.: -0.003 min
Response: 22722287
Conc: 31.06 ng/ml



#28 AR-1254-3

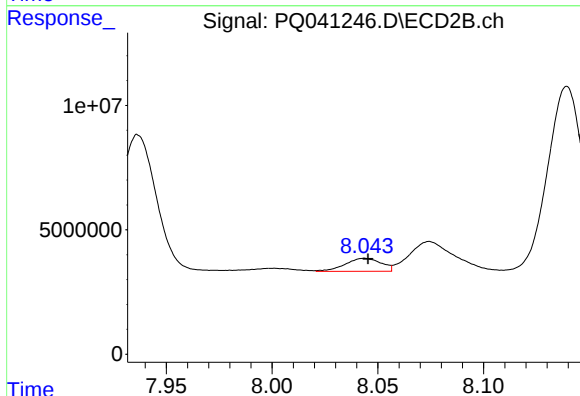
R.T.: 7.811 min
Delta R.T.: 0.014 min
Response: 49532729
Conc: 99.90 ng/ml



#29 AR-1254-4

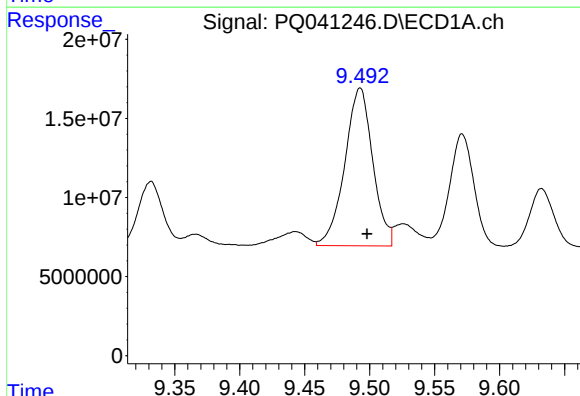
R.T.: 9.054 min
Delta R.T.: -0.005 min
Response: 15048476
Conc: 23.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



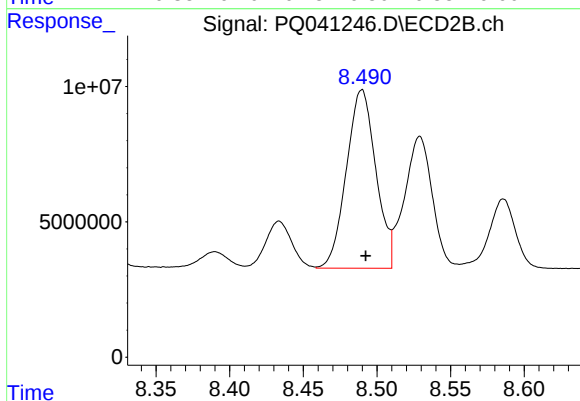
#29 AR-1254-4

R.T.: 8.044 min
Delta R.T.: -0.002 min
Response: 6166509
Conc: 18.09 ng/ml



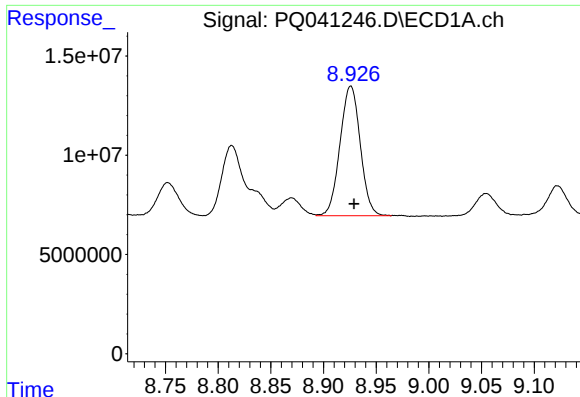
#30 AR-1254-5

R.T.: 9.493 min
Delta R.T.: -0.005 min
Response: 149531228
Conc: 258.92 ng/ml



#30 AR-1254-5

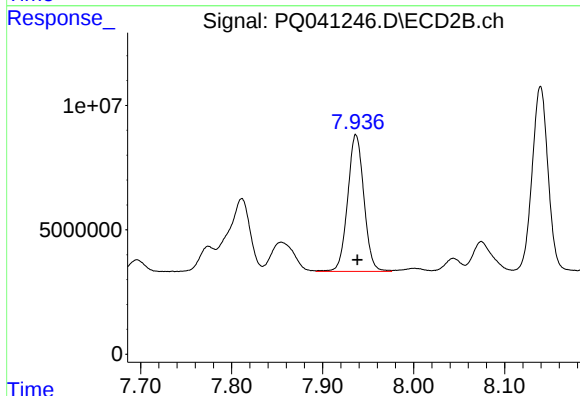
R.T.: 8.490 min
Delta R.T.: -0.003 min
Response: 91867536
Conc: 219.03 ng/ml



#31 AR-1260-1

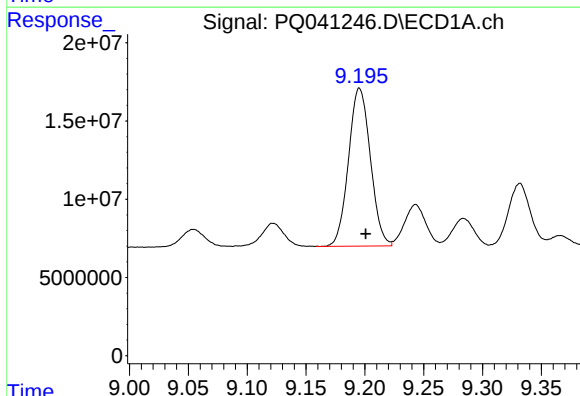
R.T.: 8.926 min
Delta R.T.: -0.003 min
Response: 87309386
Conc: 165.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



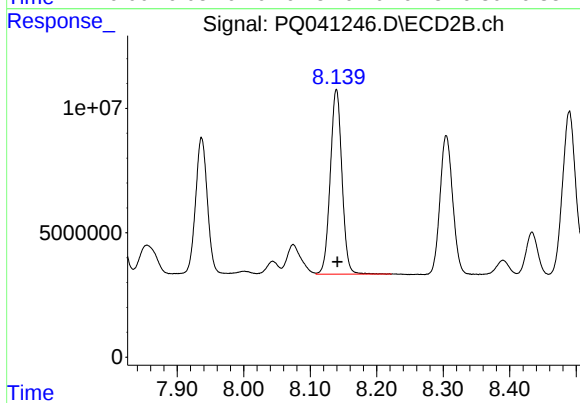
#31 AR-1260-1

R.T.: 7.937 min
Delta R.T.: -0.002 min
Response: 68144383
Conc: 200.55 ng/ml



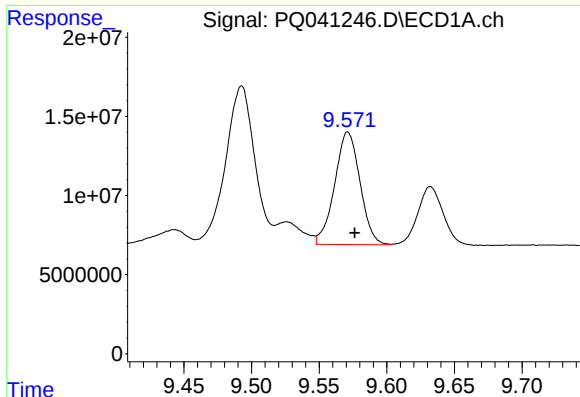
#32 AR-1260-2

R.T.: 9.195 min
Delta R.T.: -0.005 min
Response: 130536979
Conc: 174.16 ng/ml



#32 AR-1260-2

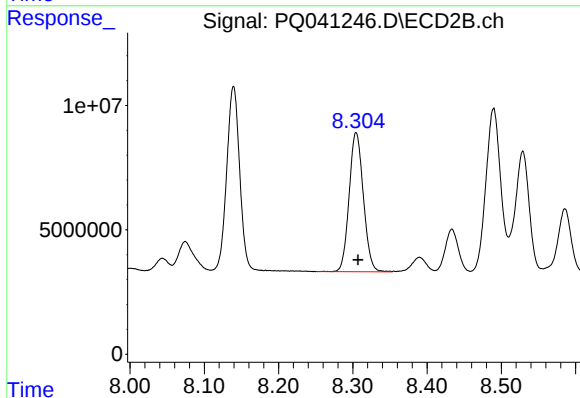
R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 90611665
Conc: 203.76 ng/ml



#33 AR-1260-3

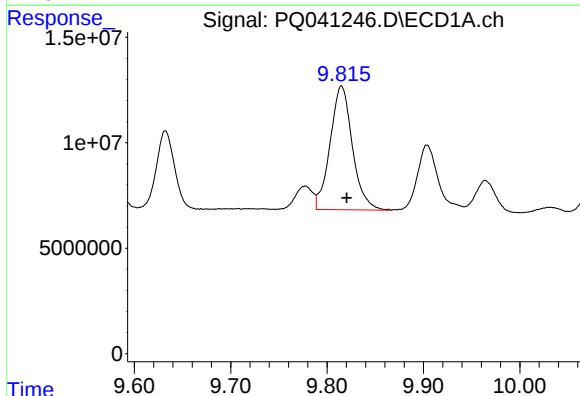
R.T.: 9.571 min
Delta R.T.: -0.005 min
Response: 93021671
Conc: 145.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



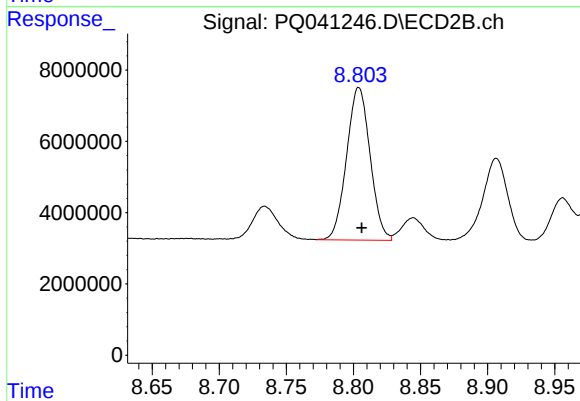
#33 AR-1260-3

R.T.: 8.305 min
Delta R.T.: -0.003 min
Response: 74381773
Conc: 199.46 ng/ml



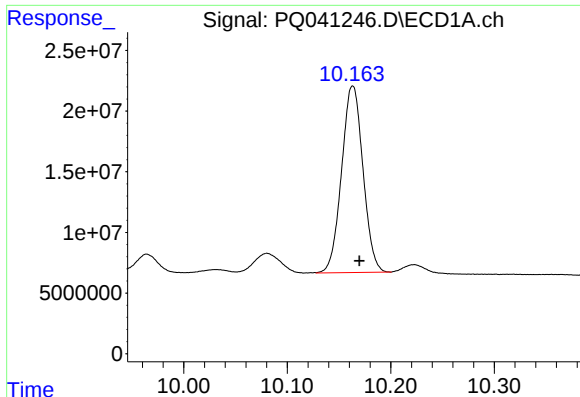
#34 AR-1260-4

R.T.: 9.815 min
Delta R.T.: -0.005 min
Response: 94433737
Conc: 155.64 ng/ml



#34 AR-1260-4

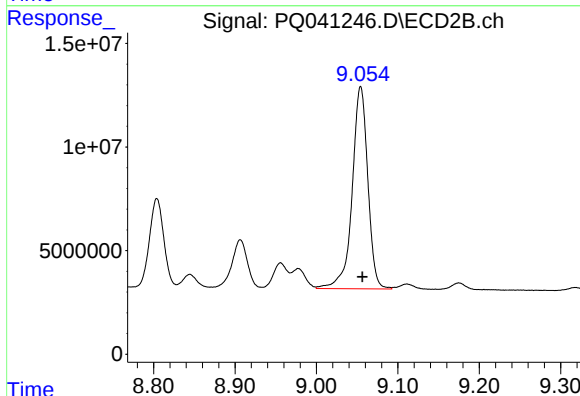
R.T.: 8.804 min
Delta R.T.: -0.002 min
Response: 52213106
Conc: 173.62 ng/ml



#35 AR-1260-5

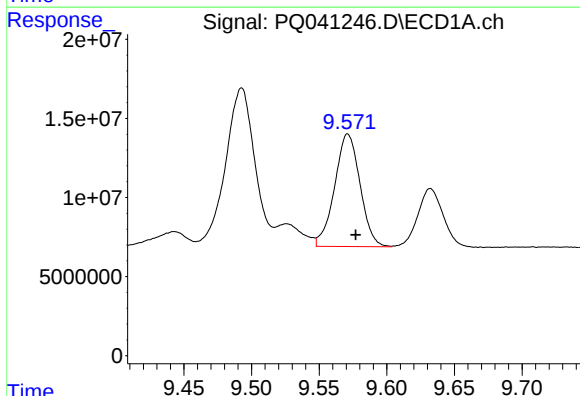
R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 221000445
Conc: 154.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



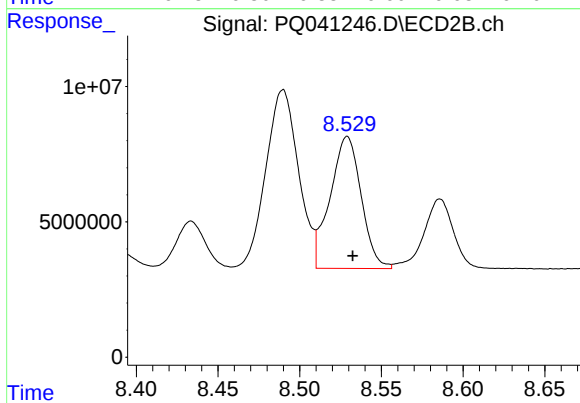
#35 AR-1260-5

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 130421061
Conc: 176.12 ng/ml



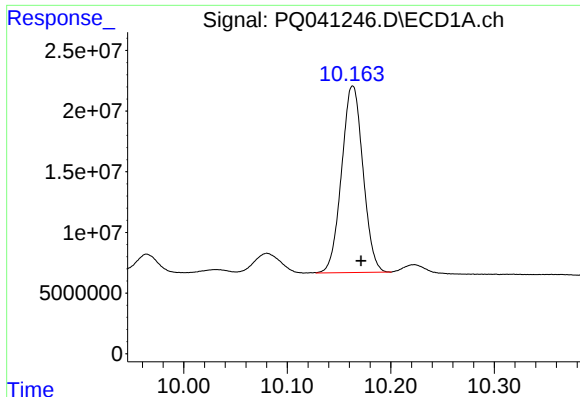
#36 AR-1262-1

R.T.: 9.571 min
Delta R.T.: -0.006 min
Response: 93021671
Conc: 92.56 ng/ml



#36 AR-1262-1

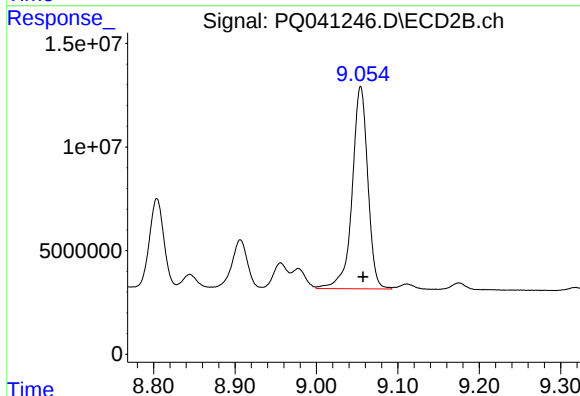
R.T.: 8.529 min
Delta R.T.: -0.003 min
Response: 64560116
Conc: 118.80 ng/ml



#37 AR-1262-2

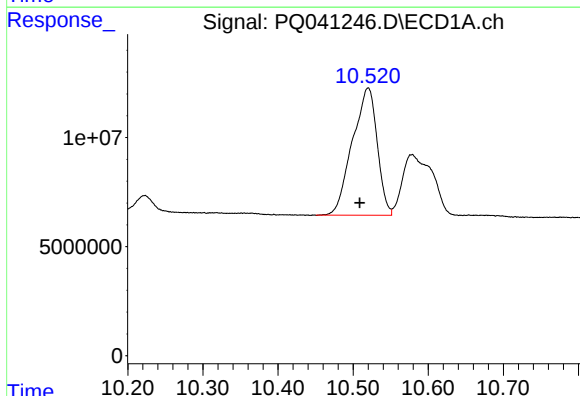
R.T.: 10.163 min
Delta R.T.: -0.008 min
Response: 221000445
Conc: 123.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



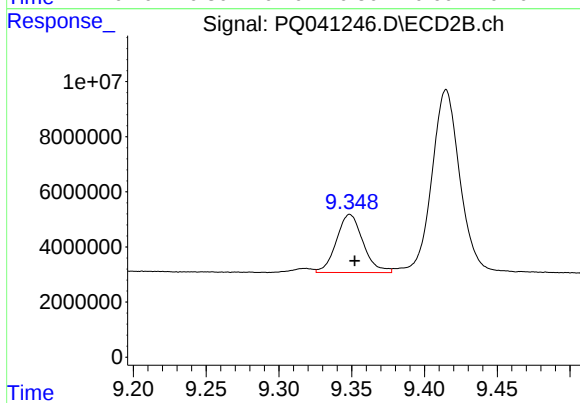
#37 AR-1262-2

R.T.: 9.054 min
Delta R.T.: -0.003 min
Response: 130421061
Conc: 147.72 ng/ml



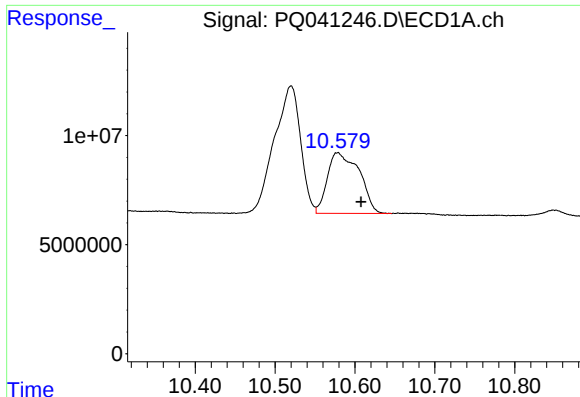
#38 AR-1262-3

R.T.: 10.520 min
Delta R.T.: 0.011 min
Response: 133910007
Conc: 115.09 ng/ml



#38 AR-1262-3

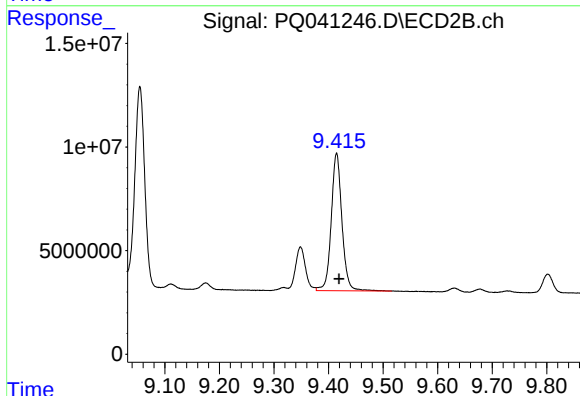
R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 26833473
Conc: 76.97 ng/ml



#39 AR-1262-4

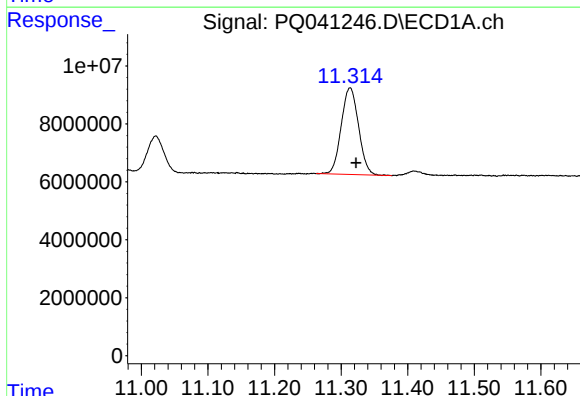
R.T.: 10.578 min
Delta R.T.: -0.029 min
Response: 77203673
Conc: 84.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



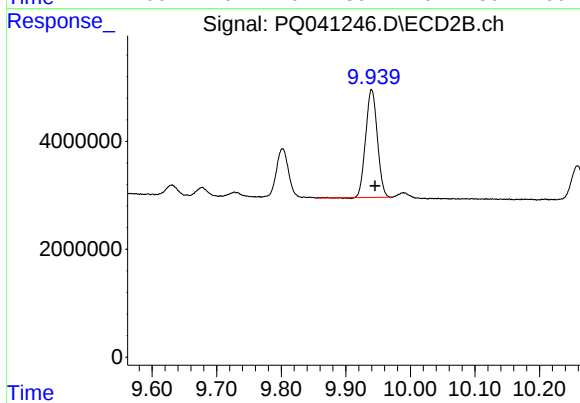
#39 AR-1262-4

R.T.: 9.415 min
Delta R.T.: -0.004 min
Response: 90546186
Conc: 147.67 ng/ml



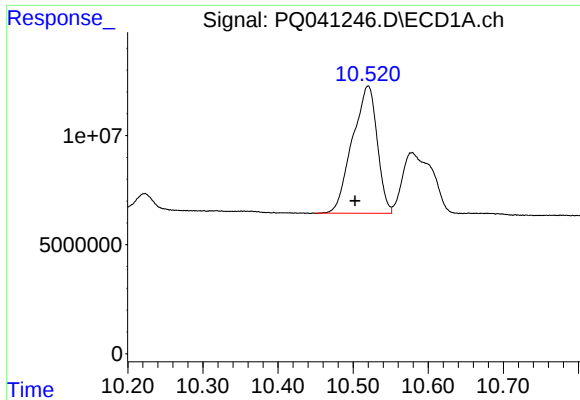
#40 AR-1262-5

R.T.: 11.314 min
Delta R.T.: -0.009 min
Response: 54107262
Conc: 85.20 ng/ml



#40 AR-1262-5

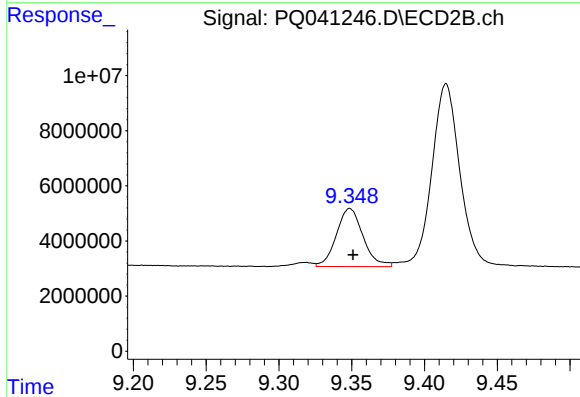
R.T.: 9.940 min
Delta R.T.: -0.005 min
Response: 25224082
Conc: 96.30 ng/ml



#41 AR-1268-1

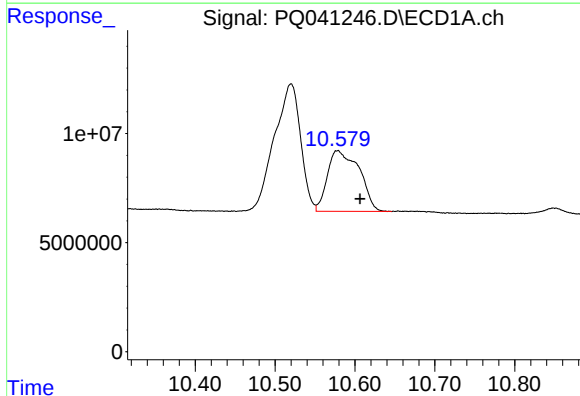
R.T.: 10.520 min
Delta R.T.: 0.018 min
Response: 133910007
Conc: 65.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



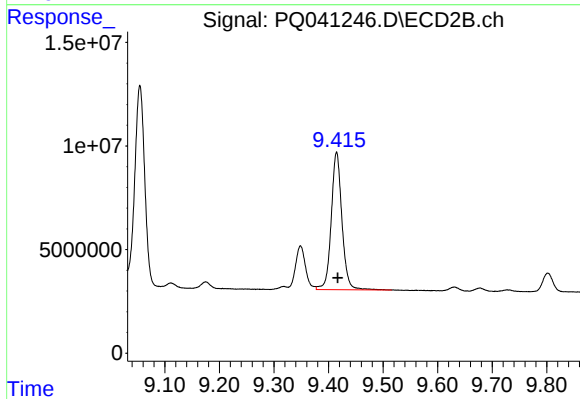
#41 AR-1268-1

R.T.: 9.349 min
Delta R.T.: -0.002 min
Response: 26833473
Conc: 29.49 ng/ml



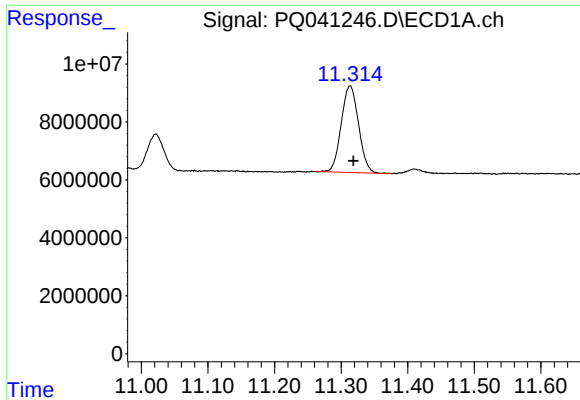
#42 AR-1268-2

R.T.: 10.578 min
Delta R.T.: -0.028 min
Response: 77203673
Conc: 42.03 ng/ml



#42 AR-1268-2

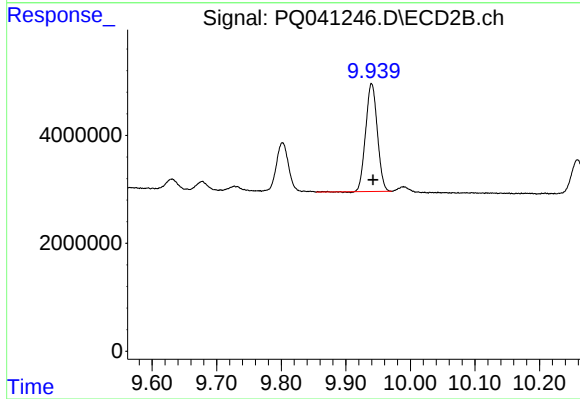
R.T.: 9.415 min
Delta R.T.: -0.002 min
Response: 90546186
Conc: 112.05 ng/ml



#44 AR-1268-4

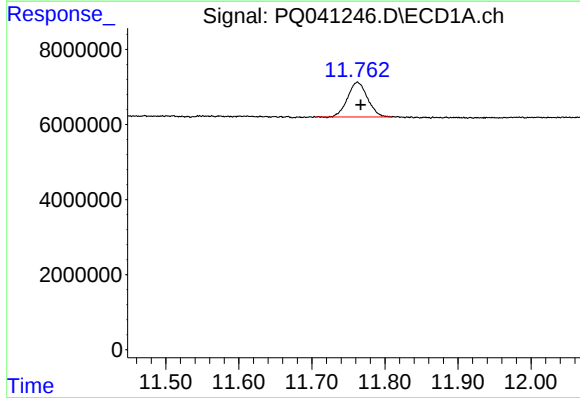
R.T.: 11.314 min
Delta R.T.: -0.005 min
Response: 54107262
Conc: 82.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



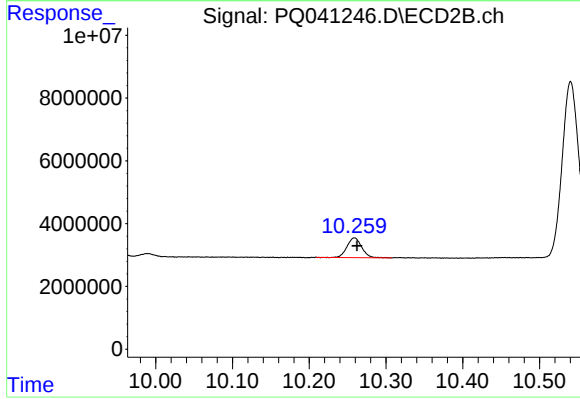
#44 AR-1268-4

R.T.: 9.940 min
Delta R.T.: -0.002 min
Response: 25224082
Conc: 91.57 ng/ml



#45 AR-1268-5

R.T.: 11.762 min
Delta R.T.: -0.005 min
Response: 17570081
Conc: 3.56 ng/ml



#45 AR-1268-5

R.T.: 10.259 min
Delta R.T.: -0.003 min
Response: 8380968
Conc: 4.73 ng/ml