

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090518\
 Data File : PQ031664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2018 11:41
 Operator : SM\SJ
 Sample : PB112527BS
 Misc :
 ALS Vial : 144 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 00:47:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 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...	4.610	3.887	24756278	17710106	16.965	15.543
2)	SA Decachlor...	10.470	8.969	35890707	33662574	16.738	16.063
Target Compounds							
3)	L1 AR-1016-1	5.323	4.570	7499424	6651196	192.037	207.316
4)	L1 AR-1016-2	5.519	4.985	7484725	10334060	186.602	206.081
5)	L1 AR-1016-3	5.787	5.005	10380342	14603683	168.959	202.645
6)	L1 AR-1016-4	5.873	5.062	9022416	10813653	167.207	243.174 #
7)	L1 AR-1016-5	6.267	5.439	8906136	8293802	195.932	206.800
9)	L2 AR-1221-2	0.000	4.191	0	957034	N.D.	87.879 #
10)	L2 AR-1221-3	4.985	4.268	5071258	3858746	118.067	111.184
11)	L3 AR-1232-1	5.810	4.765	14974464	6940260	494.918	550.209
12)	L3 AR-1232-2	5.973	4.879	7433927	2184939	479.494	609.387 #
13)	L3 AR-1232-3	6.144	5.265	2361252	8081286	576.674	655.559
14)	L3 AR-1232-4	6.477	5.589	1987368	7408050	447.514	490.760
15)	L3 AR-1232-5	7.393	0.000	19374247	0	7286.917	N.D. #
16)	L4 AR-1242-1	5.353	4.590	4424850	3849418	242.005	275.198
17)	L4 AR-1242-2	6.107	5.184	7013011	7840745	227.850	273.237
18)	L4 AR-1242-3	6.308	5.298	3698626	2696225	229.415	280.600
19)	L4 AR-1242-4	6.352	5.663	2833154	1907920	208.600	216.922
20)	L4 AR-1242-5	6.408	0.000	8573288	0	218.625	N.D. #
21)	L5 AR-1248-1	6.061	5.223	6368779	6374158	112.281	135.006
22)	L5 AR-1248-2	6.644	5.793	9707835	6466216	163.435	69.374 #
23)	L5 AR-1248-3	6.644	5.793	9707835	6466216	121.855	101.162
24)	L5 AR-1248-4	6.711	0.000	1679071	0	22.061	N.D. #
25)	L5 AR-1248-5	6.861	6.359	8634408	15523401	168.777	336.119 #
26)	L6 AR-1254-1	6.861	5.938	8634408	6972607	59.525	69.849
27)	L6 AR-1254-2	7.146	6.256	-1191622	1752882	N.D.	19.990 #
28)	L6 AR-1254-3	7.232	6.573	4437081	1354678	27.074	11.724 #
29)	L6 AR-1254-4	7.516	6.900	2824739	1916898	23.100	23.085
30)	L6 AR-1254-5	7.780	6.992	8153012	27319608	85.917	164.317 #
31)	L7 AR-1260-1	7.393	6.475	19374247	18406392	176.332	182.237
32)	L7 AR-1260-2	7.649	6.661	21701973	23479774	163.801	181.743
33)	L7 AR-1260-3	7.935	6.818	25146662	21432609	159.353	178.236
34)	L7 AR-1260-4	8.243	7.291	17728103	15954156	151.599	154.286
35)	L7 AR-1260-5	8.575	7.529	34780516	38855434	146.428	152.591
36)	L8 AR-1262-1	7.288	6.359	9352975	15523401	162.382	309.347 #
37)	L8 AR-1262-2	8.068	7.082	7175528	8329683	134.217	153.054
38)	L8 AR-1262-3	8.329	7.389	7910548	9313665	129.316	150.183
39)	L8 AR-1262-4	8.975	7.814	12563372	8458600	98.136	80.763
40)	L8 AR-1262-5	9.683	8.386	9817916	8601075	101.834	90.907
41)	L9 AR-1268-1	8.009	7.028	13281090	16319288	250.197	303.069
42)	L9 AR-1268-2	8.243	7.878	17728103	29344063	254.005	97.075 #

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 Acq On : 05 Sep 2018 11:41
 Operator : SM\SJ
 Sample : PB112527BS
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 ALS Vial : 144 Sample Multiplier: 1

Instrument :
 ECD_Q
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 00:47:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 Response via : Initial Calibration
 Integrator: ChemStation

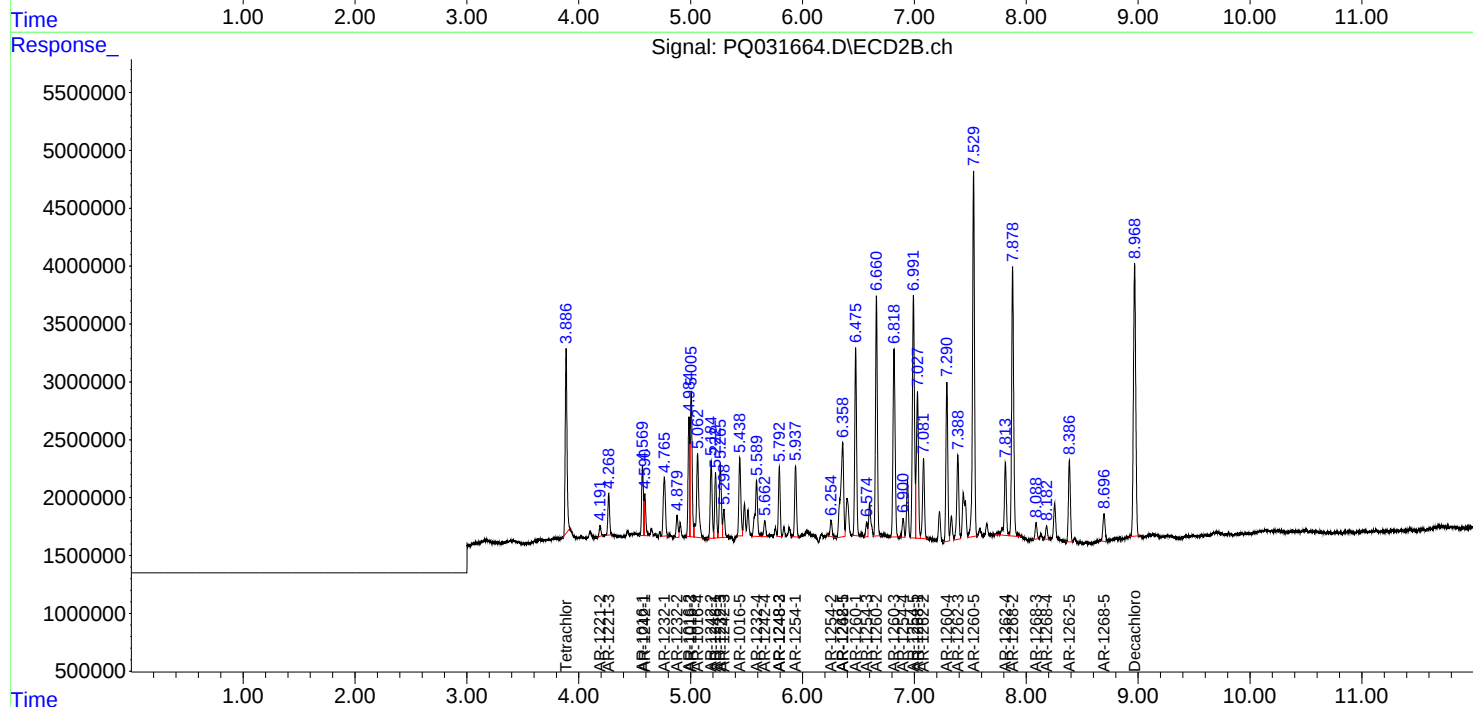
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

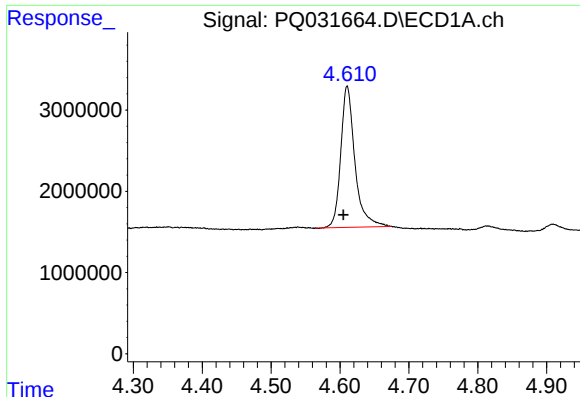
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.919	8.088	22757150	1612129	69.830	6.444 #
44) L9	AR-1268-4	9.234	8.182	1583219	1324157	6.331	19.681 #
45) L9	AR-1268-5	10.116	8.695	3532473	3323035	4.131	3.946

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

Instrument :
ECD_Q
ClientSampleId :

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

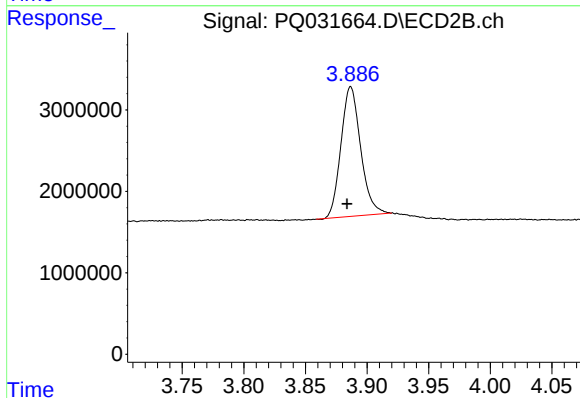




#1 Tetrachloro-m-xylene

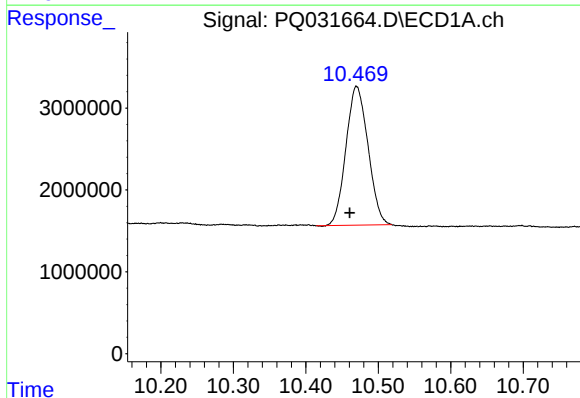
R.T.: 4.610 min
Delta R.T.: 0.005 min
Response: 24756278
Conc: 16.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



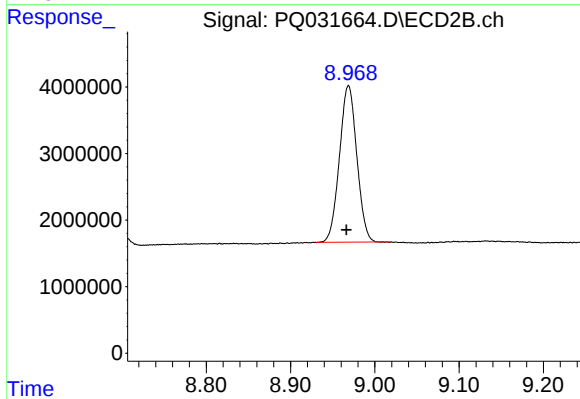
#1 Tetrachloro-m-xylene

R.T.: 3.887 min
Delta R.T.: 0.003 min
Response: 17710106
Conc: 15.54 ng/ml



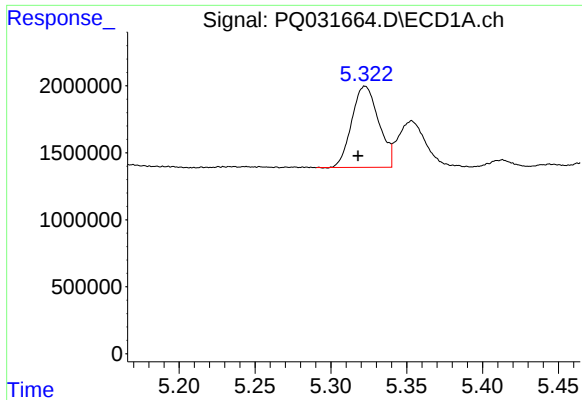
#2 Decachlorobiphenyl

R.T.: 10.470 min
Delta R.T.: 0.009 min
Response: 35890707
Conc: 16.74 ng/ml



#2 Decachlorobiphenyl

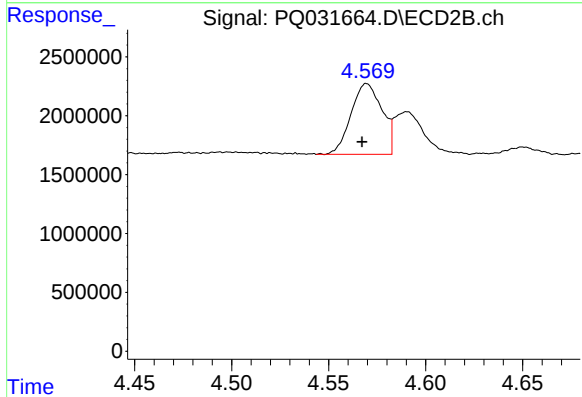
R.T.: 8.969 min
Delta R.T.: 0.003 min
Response: 33662574
Conc: 16.06 ng/ml



#3 AR-1016-1

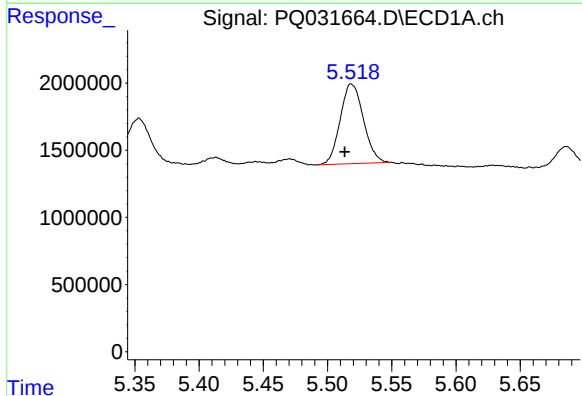
R.T.: 5.323 min
Delta R.T.: 0.005 min
Response: 7499424
Conc: 192.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



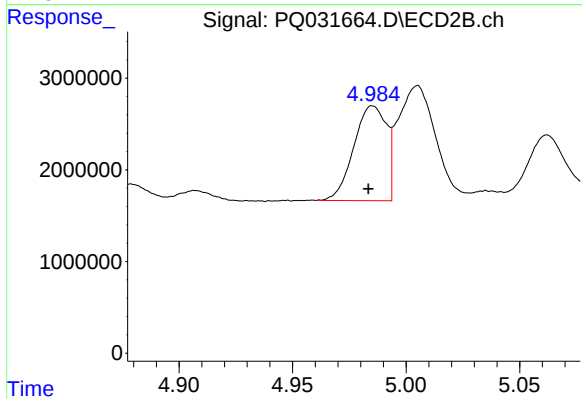
#3 AR-1016-1

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 6651196
Conc: 207.32 ng/ml



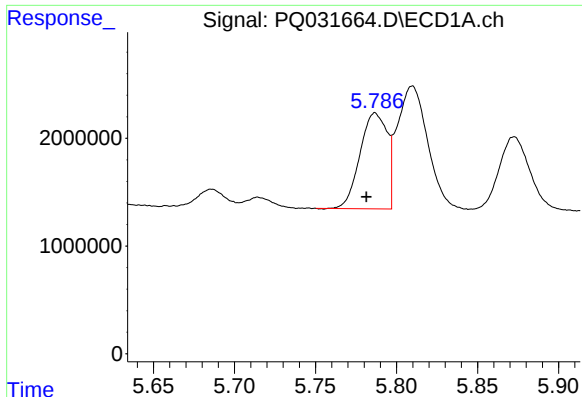
#4 AR-1016-2

R.T.: 5.519 min
Delta R.T.: 0.005 min
Response: 7484725
Conc: 186.60 ng/ml



#4 AR-1016-2

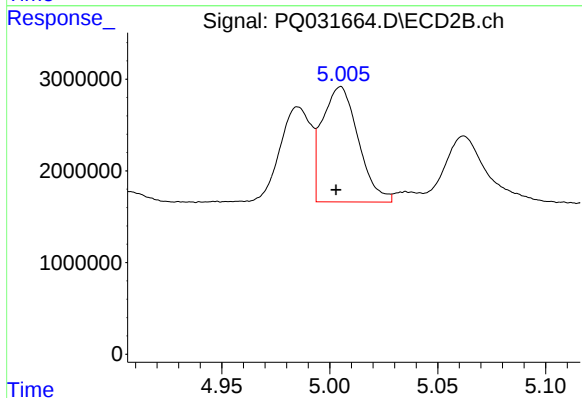
R.T.: 4.985 min
Delta R.T.: 0.002 min
Response: 10334060
Conc: 206.08 ng/ml



#5 AR-1016-3

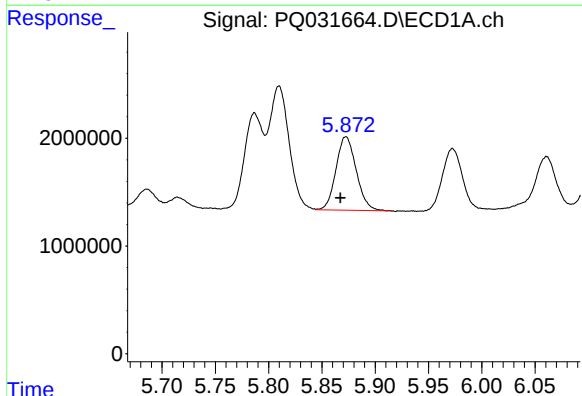
R.T.: 5.787 min
Delta R.T.: 0.005 min
Response: 10380342
Conc: 168.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



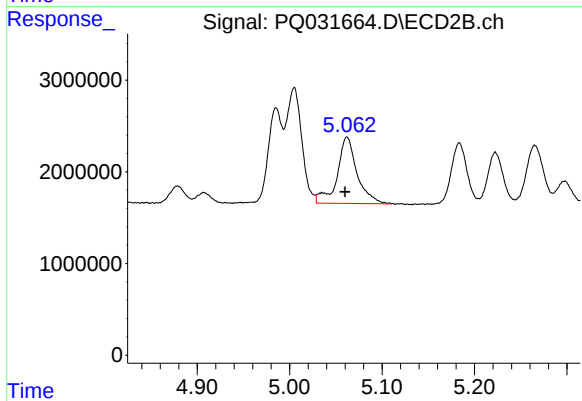
#5 AR-1016-3

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 14603683
Conc: 202.64 ng/ml



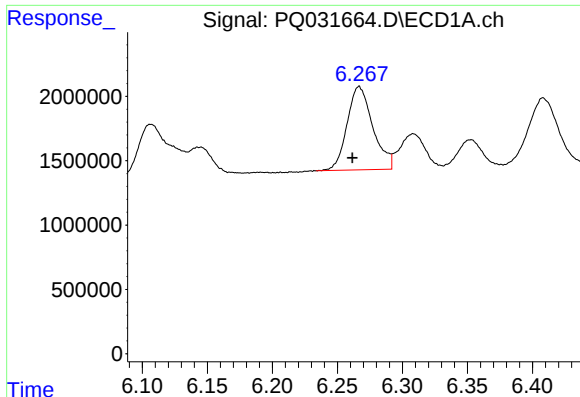
#6 AR-1016-4

R.T.: 5.873 min
Delta R.T.: 0.005 min
Response: 9022416
Conc: 167.21 ng/ml



#6 AR-1016-4

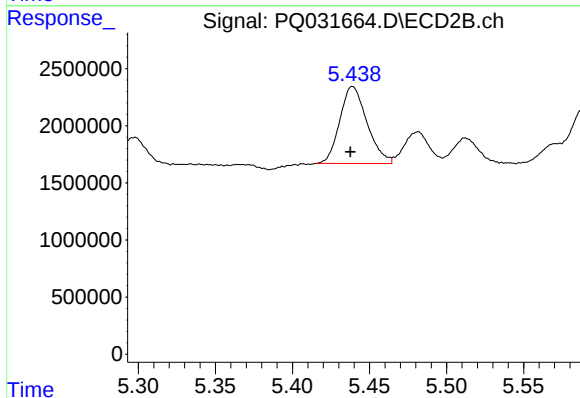
R.T.: 5.062 min
Delta R.T.: 0.002 min
Response: 10813653
Conc: 243.17 ng/ml



#7 AR-1016-5

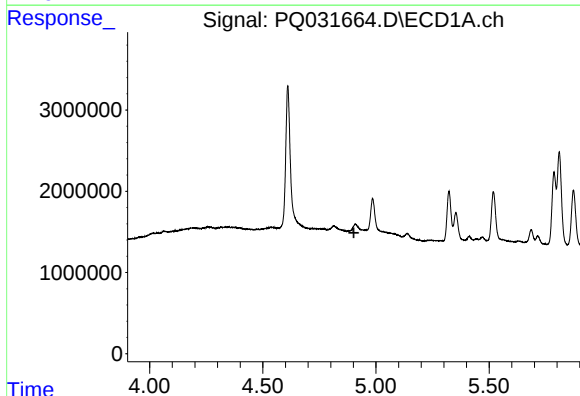
R.T.: 6.267 min
Delta R.T.: 0.005 min
Response: 8906136
Conc: 195.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



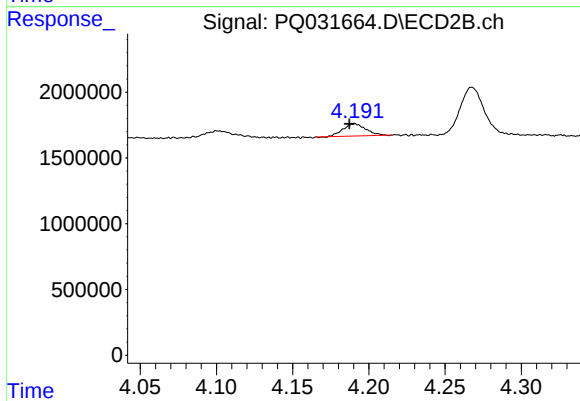
#7 AR-1016-5

R.T.: 5.439 min
Delta R.T.: 0.001 min
Response: 8293802
Conc: 206.80 ng/ml



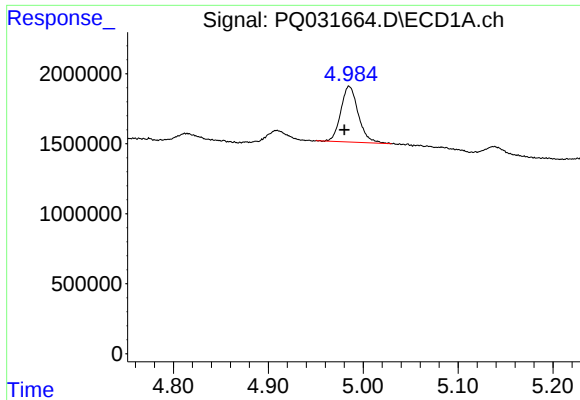
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.902 min
Response: 0
Conc: N.D.



#9 AR-1221-2

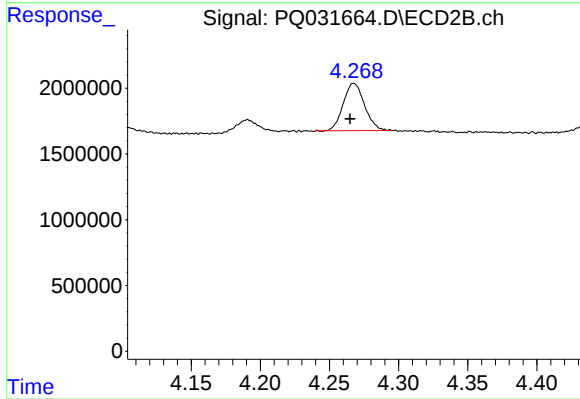
R.T.: 4.191 min
Delta R.T.: 0.004 min
Response: 957034
Conc: 87.88 ng/ml



#10 AR-1221-3

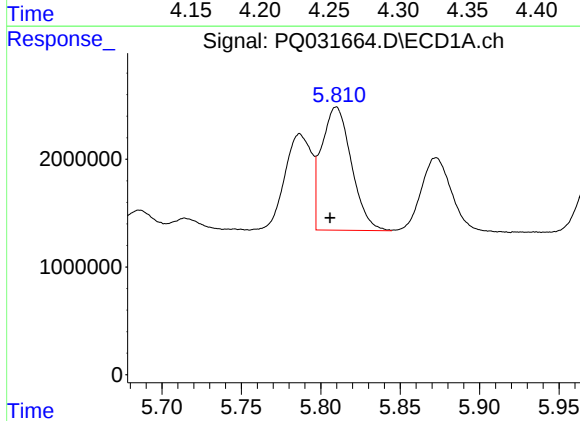
R.T.: 4.985 min
Delta R.T.: 0.005 min
Response: 5071258
Conc: 118.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



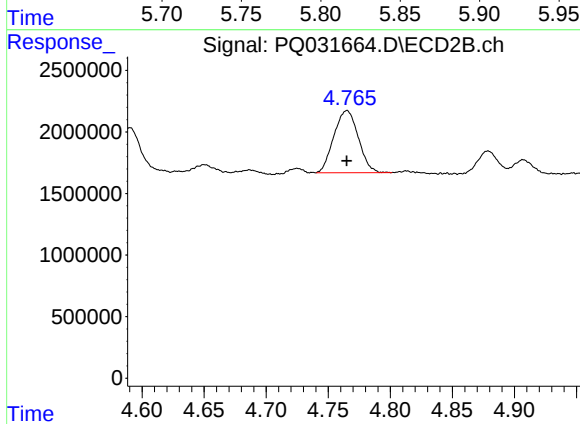
#10 AR-1221-3

R.T.: 4.268 min
Delta R.T.: 0.003 min
Response: 3858746
Conc: 111.18 ng/ml



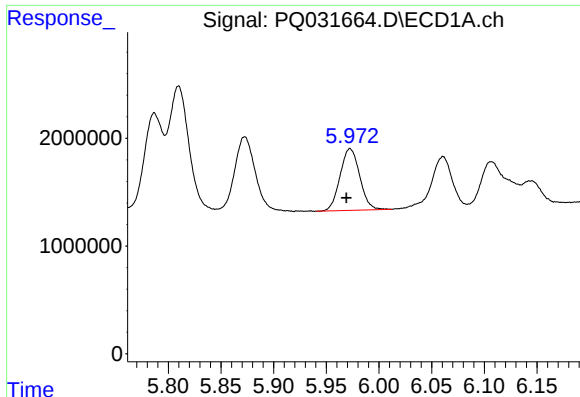
#11 AR-1232-1

R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 14974464
Conc: 494.92 ng/ml



#11 AR-1232-1

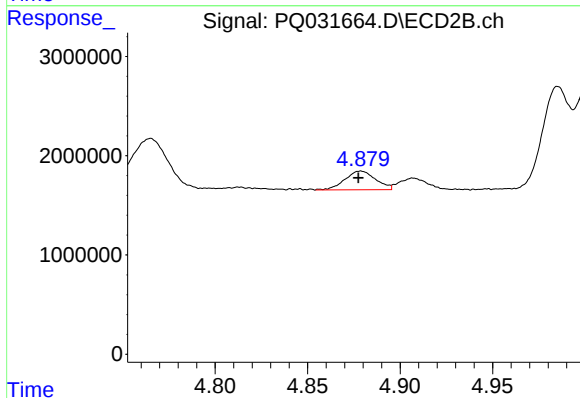
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 6940260
Conc: 550.21 ng/ml



#12 AR-1232-2

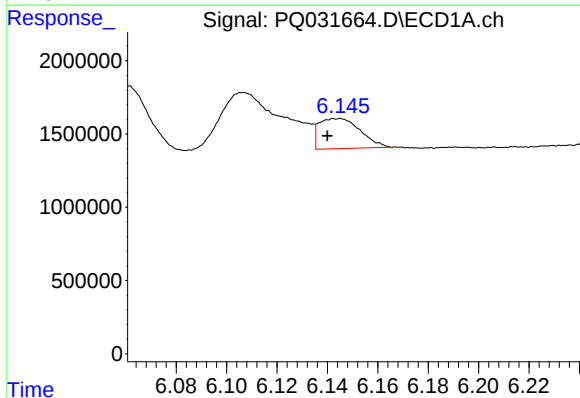
R.T.: 5.973 min
Delta R.T.: 0.003 min
Response: 7433927
Conc: 479.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



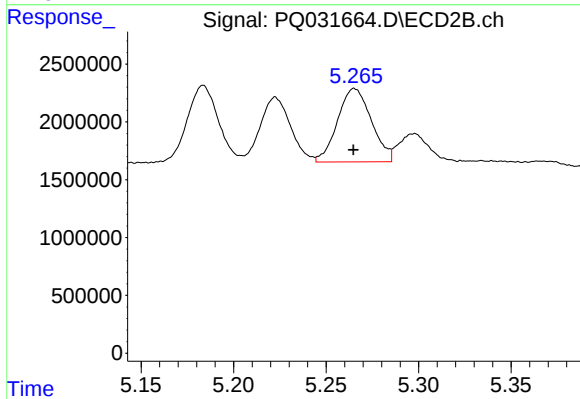
#12 AR-1232-2

R.T.: 4.879 min
Delta R.T.: 0.001 min
Response: 2184939
Conc: 609.39 ng/ml



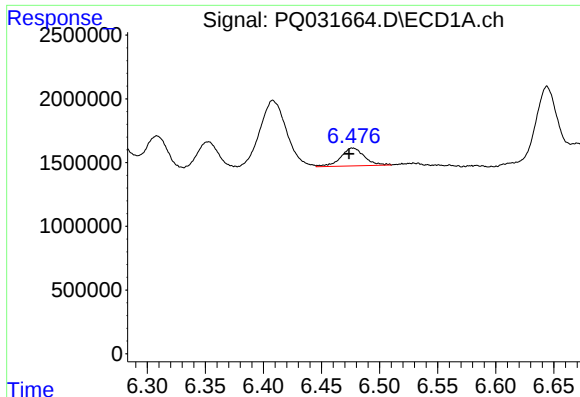
#13 AR-1232-3

R.T.: 6.144 min
Delta R.T.: 0.004 min
Response: 2361252
Conc: 576.67 ng/ml



#13 AR-1232-3

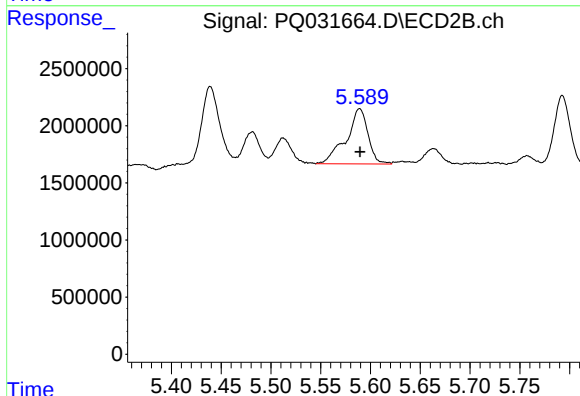
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 8081286
Conc: 655.56 ng/ml



#14 AR-1232-4

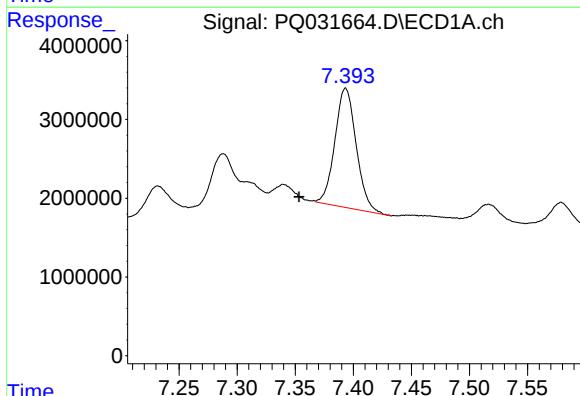
R.T.: 6.477 min
Delta R.T.: 0.003 min
Response: 1987368
Conc: 447.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



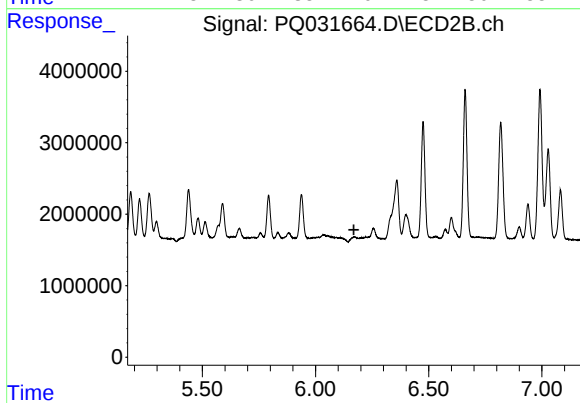
#14 AR-1232-4

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 7408050
Conc: 490.76 ng/ml



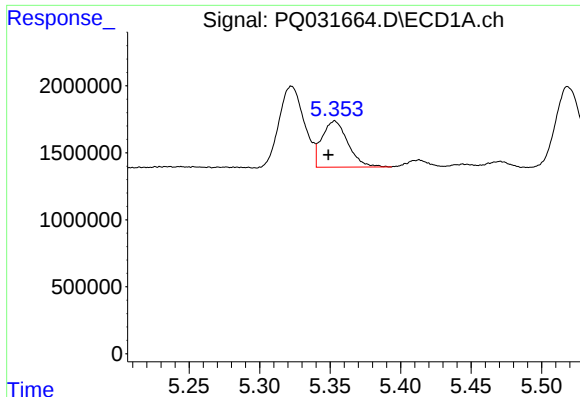
#15 AR-1232-5

R.T.: 7.393 min
Delta R.T.: 0.040 min
Response: 19374247
Conc: 7286.92 ng/ml



#15 AR-1232-5

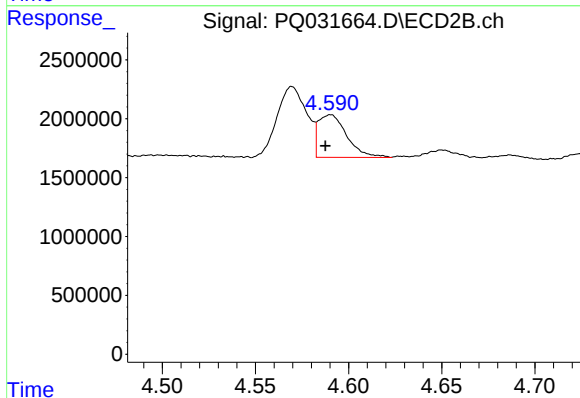
R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



#16 AR-1242-1

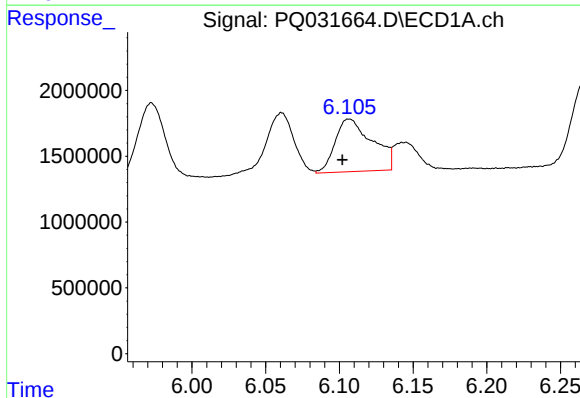
R.T.: 5.353 min
Delta R.T.: 0.004 min
Response: 4424850
Conc: 242.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



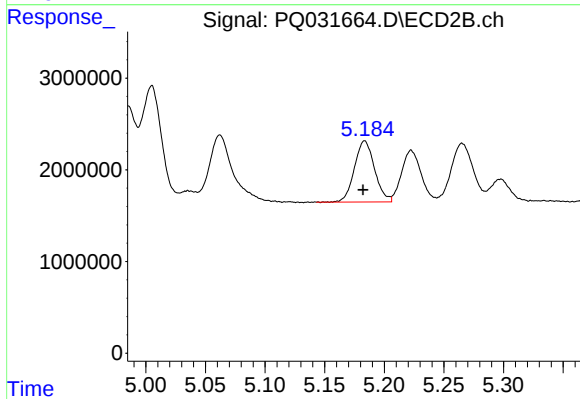
#16 AR-1242-1

R.T.: 4.590 min
Delta R.T.: 0.003 min
Response: 3849418
Conc: 275.20 ng/ml



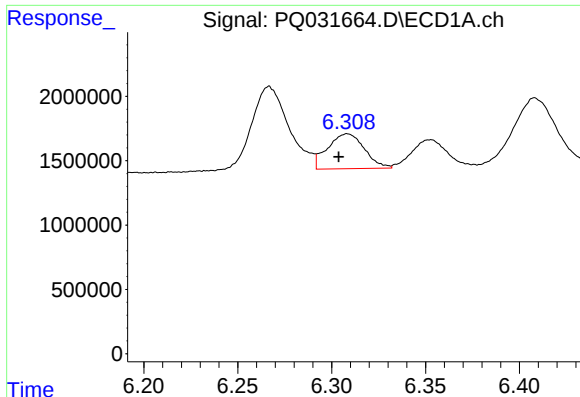
#17 AR-1242-2

R.T.: 6.107 min
Delta R.T.: 0.005 min
Response: 7013011
Conc: 227.85 ng/ml



#17 AR-1242-2

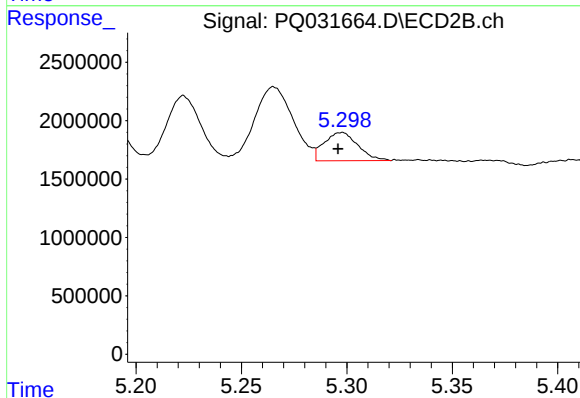
R.T.: 5.184 min
Delta R.T.: 0.001 min
Response: 7840745
Conc: 273.24 ng/ml



#18 AR-1242-3

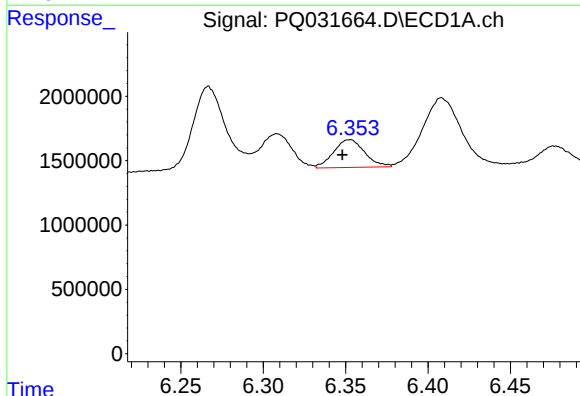
R.T.: 6.308 min
Delta R.T.: 0.005 min
Response: 3698626
Conc: 229.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



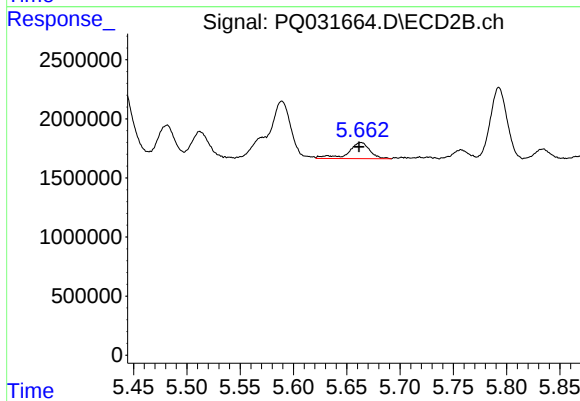
#18 AR-1242-3

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 2696225
Conc: 280.60 ng/ml



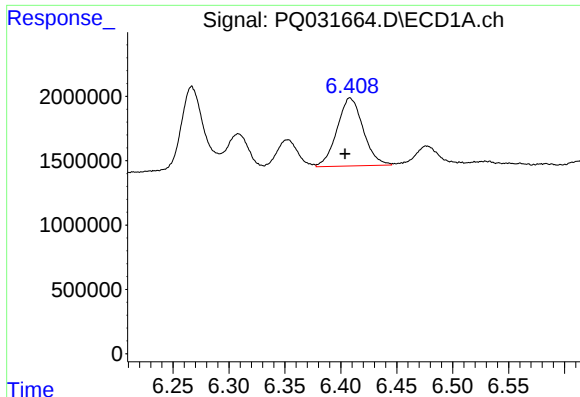
#19 AR-1242-4

R.T.: 6.352 min
Delta R.T.: 0.005 min
Response: 2833154
Conc: 208.60 ng/ml



#19 AR-1242-4

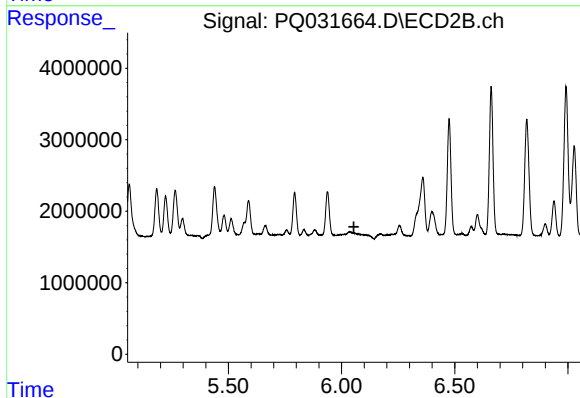
R.T.: 5.663 min
Delta R.T.: 0.002 min
Response: 1907920
Conc: 216.92 ng/ml



#20 AR-1242-5

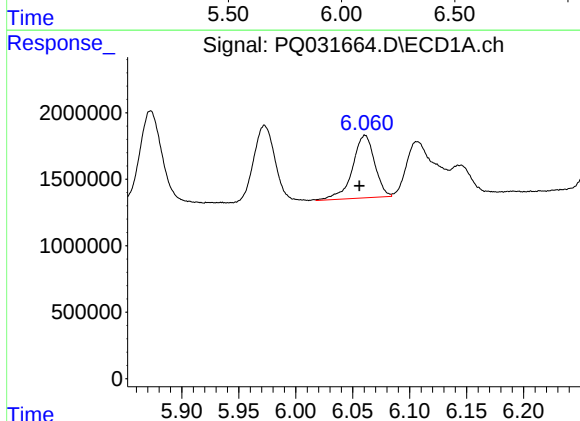
R.T.: 6.408 min
Delta R.T.: 0.004 min
Response: 8573288
Conc: 218.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



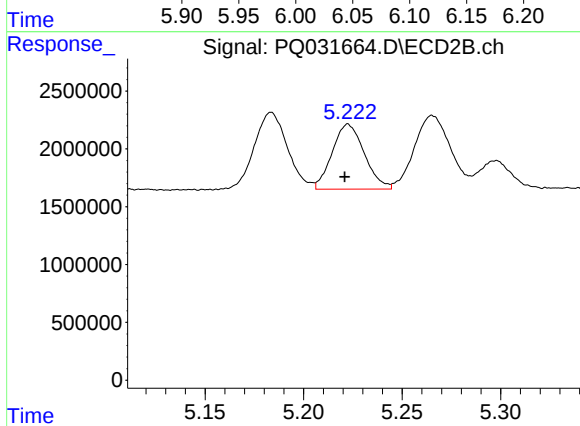
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.054 min
Response: 0
Conc: N.D.



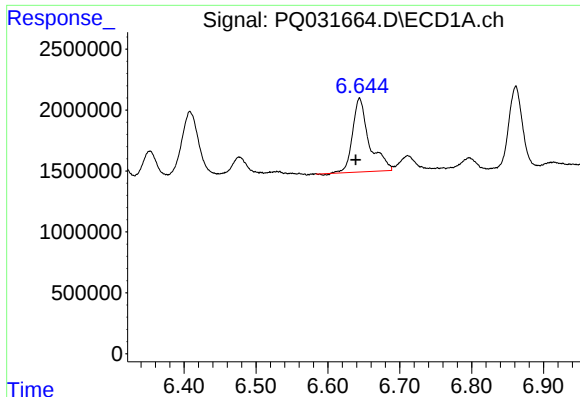
#21 AR-1248-1

R.T.: 6.061 min
Delta R.T.: 0.005 min
Response: 6368779
Conc: 112.28 ng/ml



#21 AR-1248-1

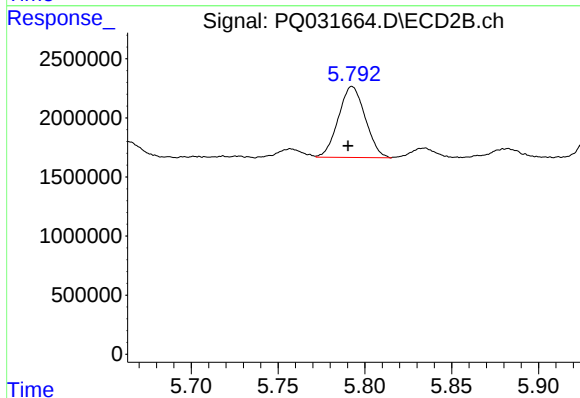
R.T.: 5.223 min
Delta R.T.: 0.002 min
Response: 6374158
Conc: 135.01 ng/ml



#22 AR-1248-2

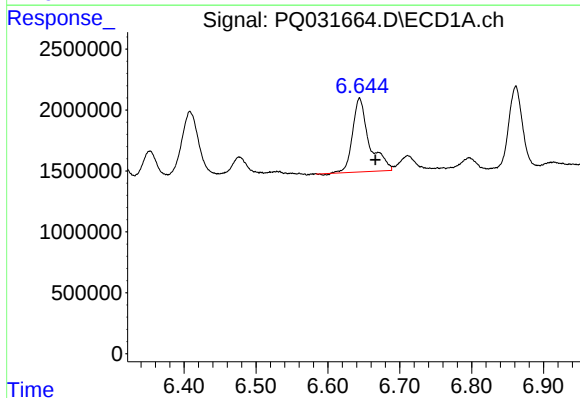
R.T.: 6.644 min
Delta R.T.: 0.005 min
Response: 9707835
Conc: 163.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



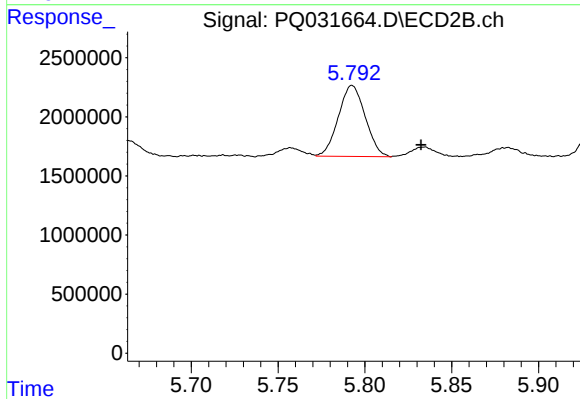
#22 AR-1248-2

R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 6466216
Conc: 69.37 ng/ml



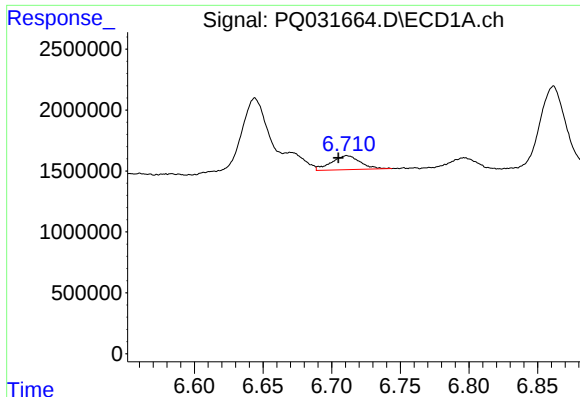
#23 AR-1248-3

R.T.: 6.644 min
Delta R.T.: -0.022 min
Response: 9707835
Conc: 121.85 ng/ml



#23 AR-1248-3

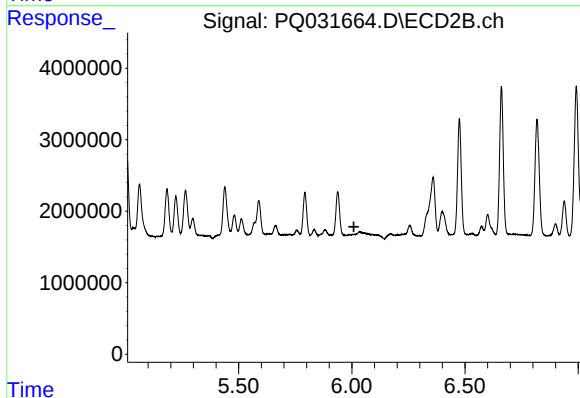
R.T.: 5.793 min
Delta R.T.: -0.040 min
Response: 6466216
Conc: 101.16 ng/ml



#24 AR-1248-4

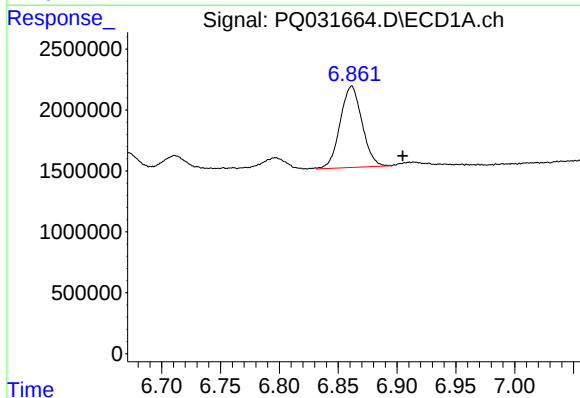
R.T.: 6.711 min
Delta R.T.: 0.006 min
Response: 1679071
Conc: 22.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



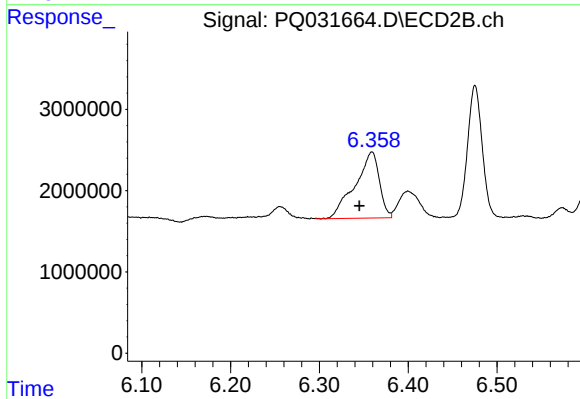
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.009 min
Response: 0
Conc: N.D.



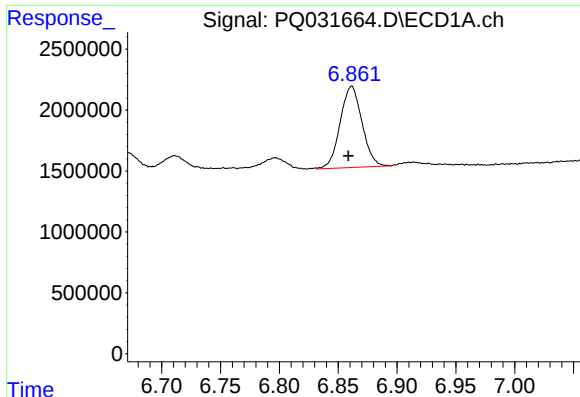
#25 AR-1248-5

R.T.: 6.861 min
Delta R.T.: -0.043 min
Response: 8634408
Conc: 168.78 ng/ml



#25 AR-1248-5

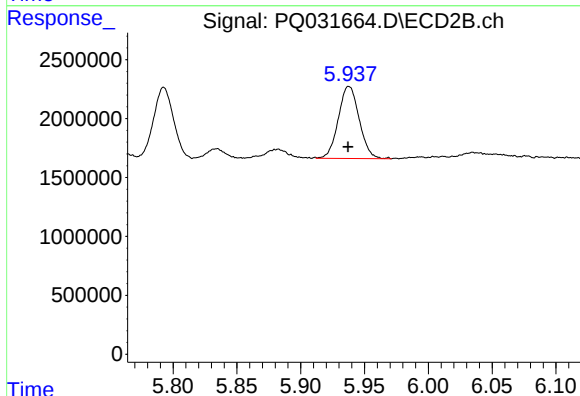
R.T.: 6.359 min
Delta R.T.: 0.014 min
Response: 15523401
Conc: 336.12 ng/ml



#26 AR-1254-1

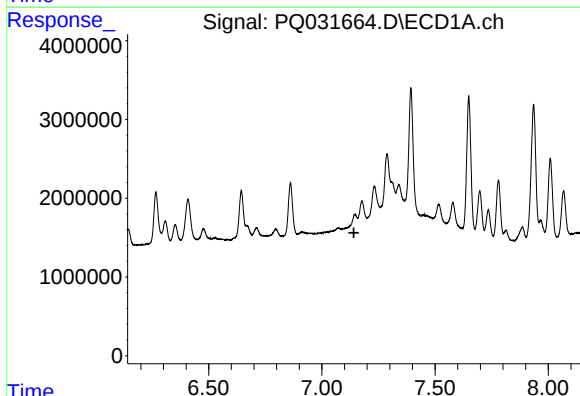
R.T.: 6.861 min
Delta R.T.: 0.003 min
Response: 8634408
Conc: 59.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



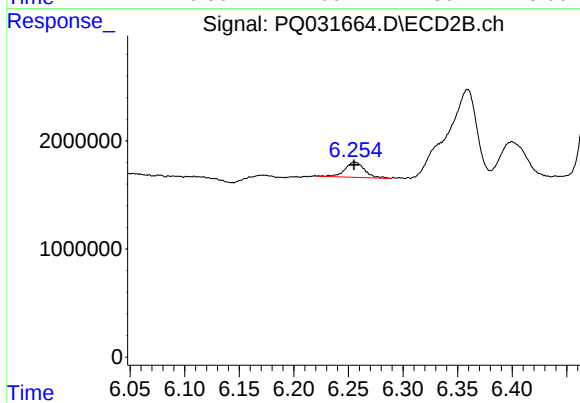
#26 AR-1254-1

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 6972607
Conc: 69.85 ng/ml



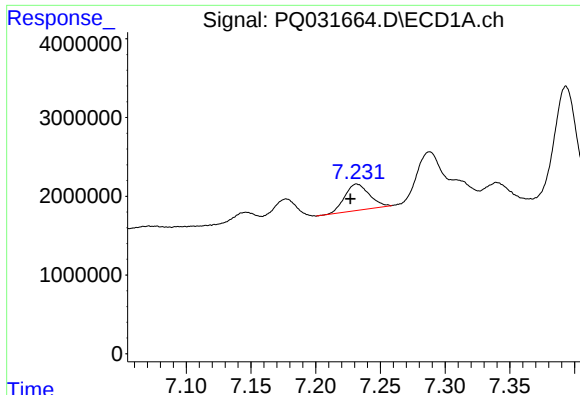
#27 AR-1254-2

R.T.: 7.146 min
Delta R.T.: 0.005 min
Response: -1191622
Conc: N.D.



#27 AR-1254-2

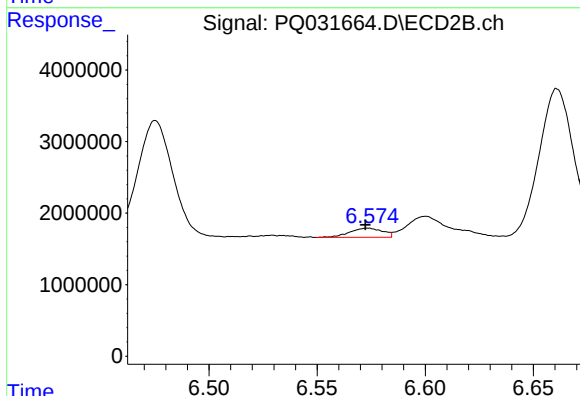
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1752882
Conc: 19.99 ng/ml



#28 AR-1254-3

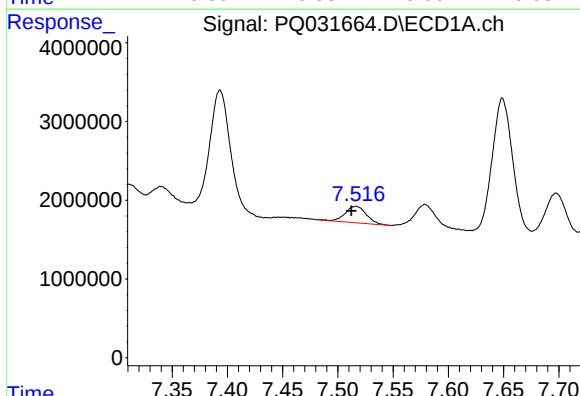
R.T.: 7.232 min
Delta R.T.: 0.005 min
Response: 4437081
Conc: 27.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



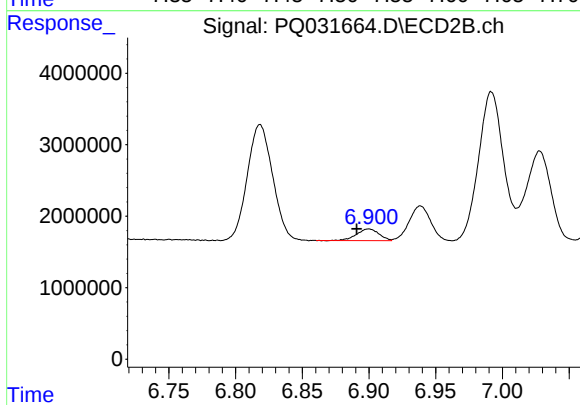
#28 AR-1254-3

R.T.: 6.573 min
Delta R.T.: 0.001 min
Response: 1354678
Conc: 11.72 ng/ml



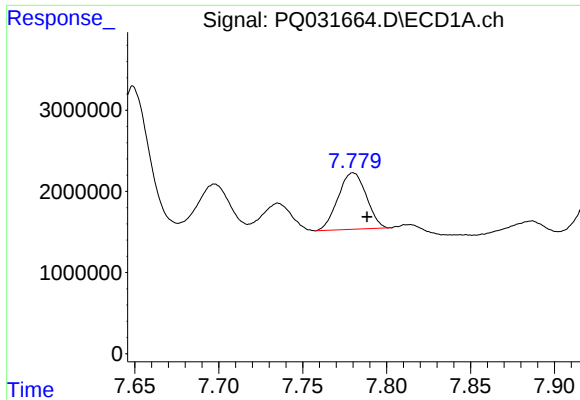
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.004 min
Response: 2824739
Conc: 23.10 ng/ml



#29 AR-1254-4

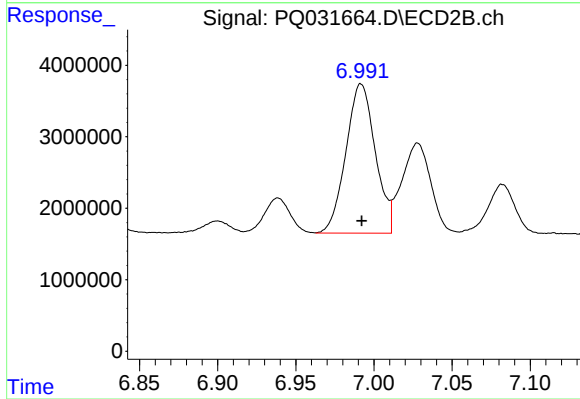
R.T.: 6.900 min
Delta R.T.: 0.009 min
Response: 1916898
Conc: 23.09 ng/ml



#30 AR-1254-5

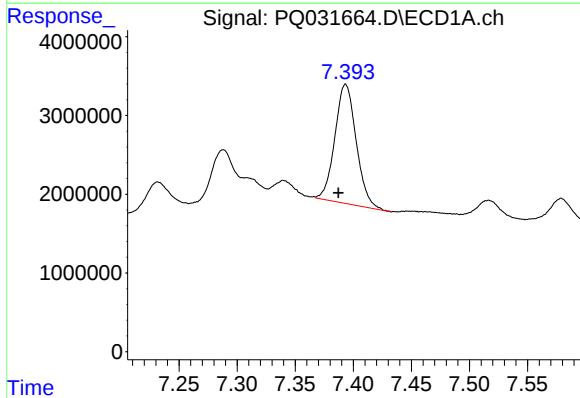
R.T.: 7.780 min
Delta R.T.: -0.008 min
Response: 8153012
Conc: 85.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



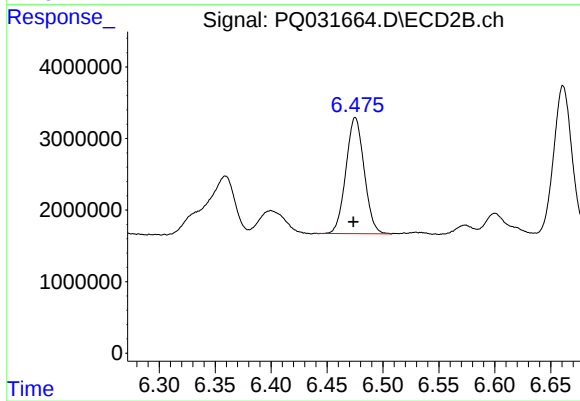
#30 AR-1254-5

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 27319608
Conc: 164.32 ng/ml



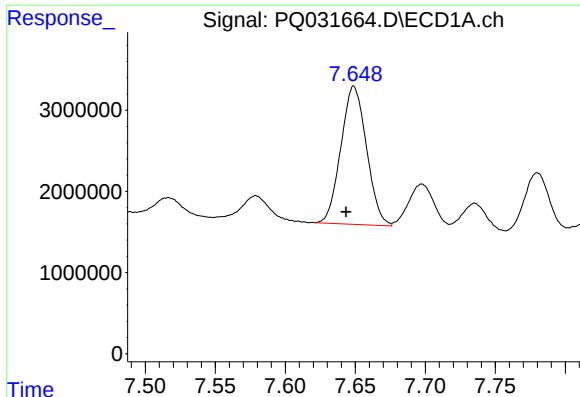
#31 AR-1260-1

R.T.: 7.393 min
Delta R.T.: 0.006 min
Response: 19374247
Conc: 176.33 ng/ml



#31 AR-1260-1

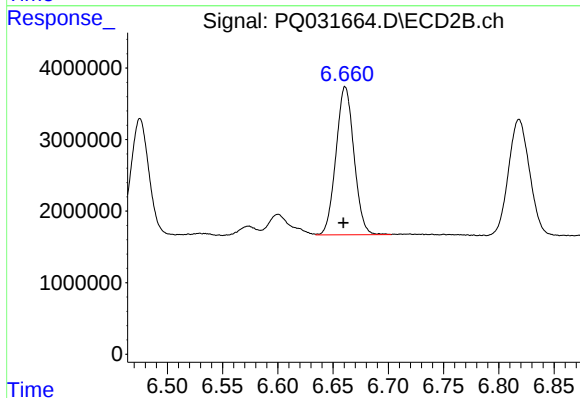
R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 18406392
Conc: 182.24 ng/ml



#32 AR-1260-2

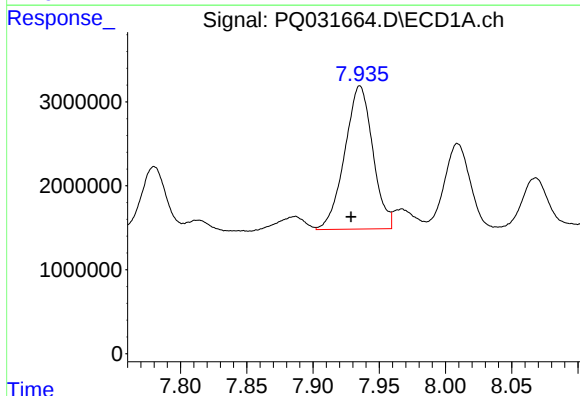
R.T.: 7.649 min
Delta R.T.: 0.006 min
Response: 21701973
Conc: 163.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



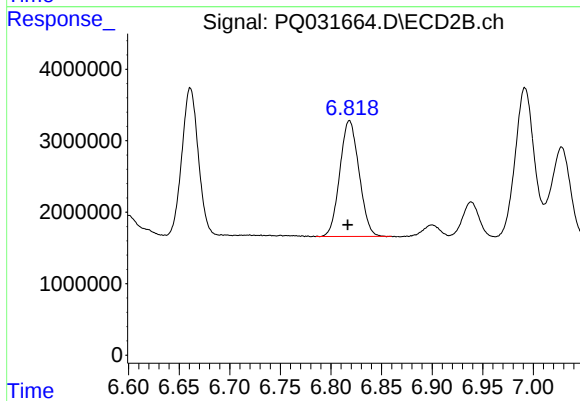
#32 AR-1260-2

R.T.: 6.661 min
Delta R.T.: 0.002 min
Response: 23479774
Conc: 181.74 ng/ml



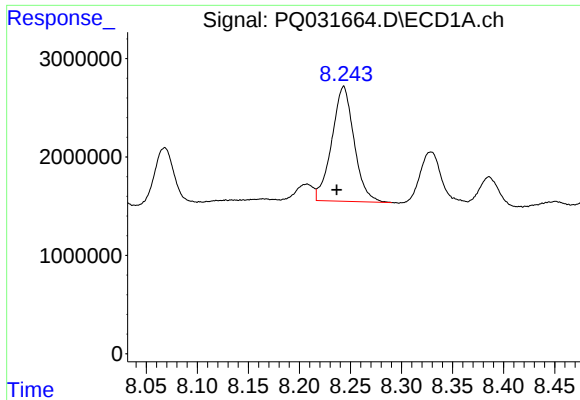
#33 AR-1260-3

R.T.: 7.935 min
Delta R.T.: 0.007 min
Response: 25146662
Conc: 159.35 ng/ml



#33 AR-1260-3

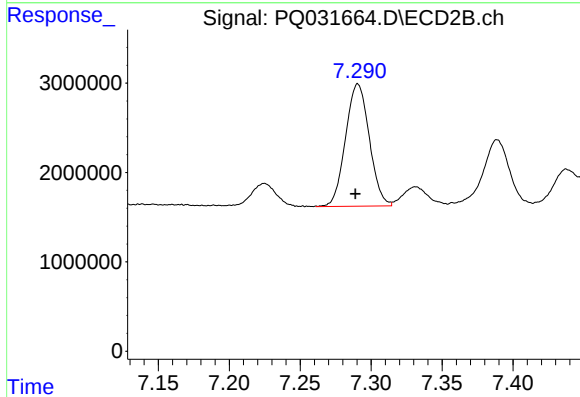
R.T.: 6.818 min
Delta R.T.: 0.002 min
Response: 21432609
Conc: 178.24 ng/ml



#34 AR-1260-4

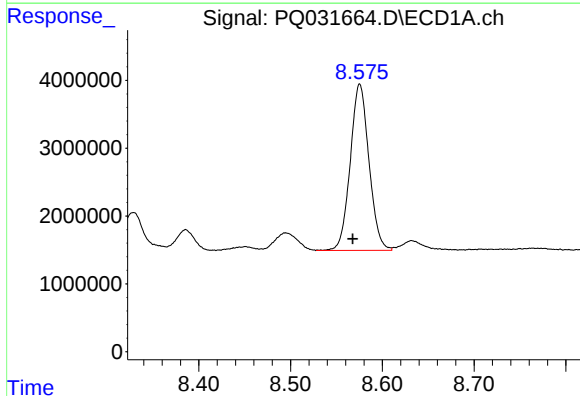
R.T.: 8.243 min
Delta R.T.: 0.007 min
Response: 17728103
Conc: 151.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



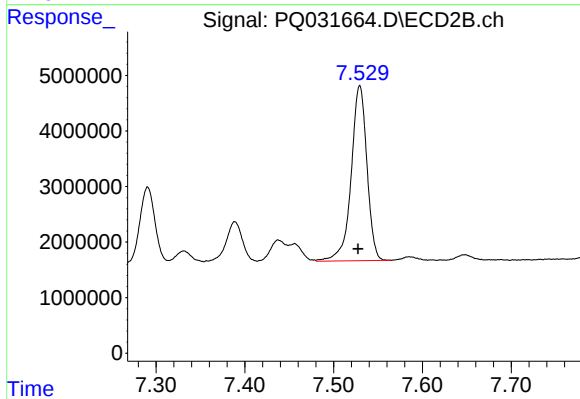
#34 AR-1260-4

R.T.: 7.291 min
Delta R.T.: 0.002 min
Response: 15954156
Conc: 154.29 ng/ml



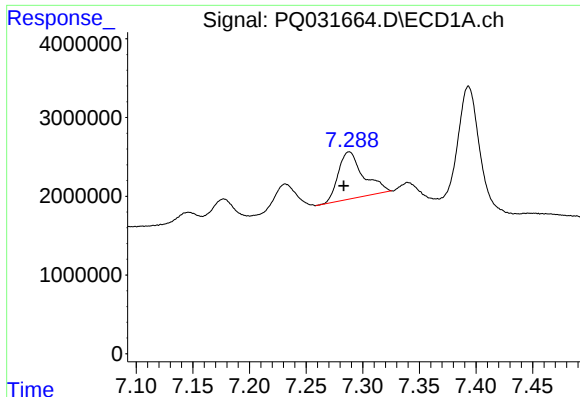
#35 AR-1260-5

R.T.: 8.575 min
Delta R.T.: 0.008 min
Response: 34780516
Conc: 146.43 ng/ml



#35 AR-1260-5

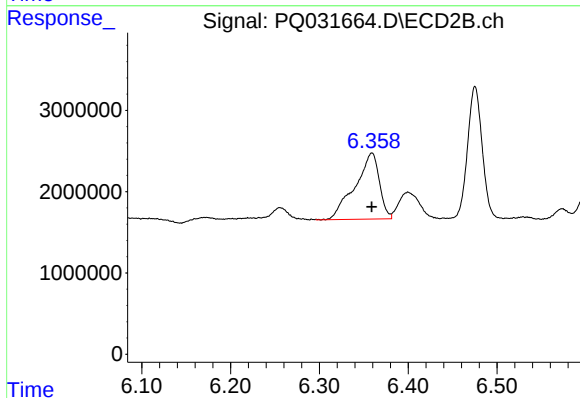
R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 38855434
Conc: 152.59 ng/ml



#36 AR-1262-1

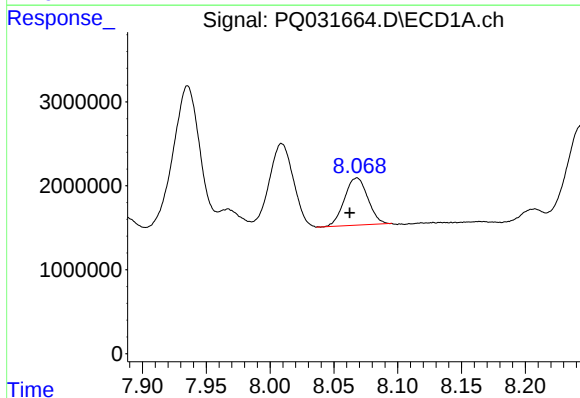
R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 9352975
Conc: 162.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



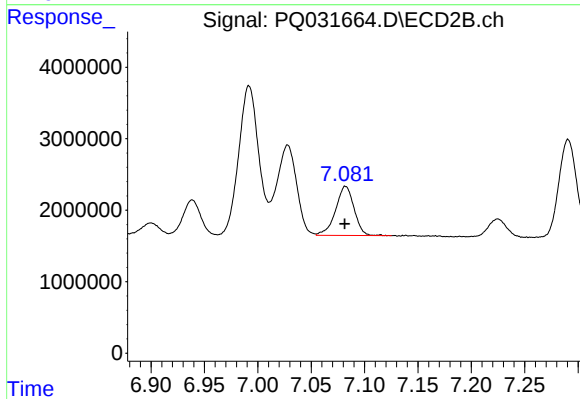
#36 AR-1262-1

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 15523401
Conc: 309.35 ng/ml



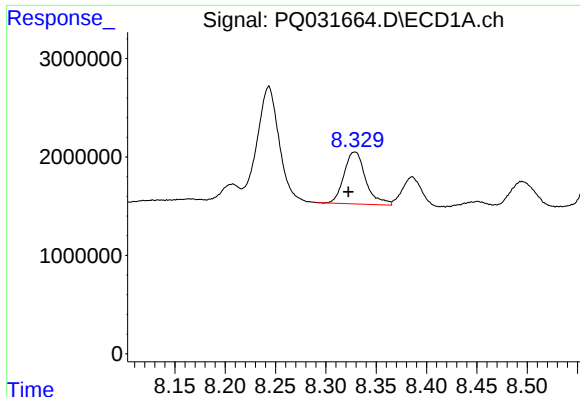
#37 AR-1262-2

R.T.: 8.068 min
Delta R.T.: 0.006 min
Response: 7175528
Conc: 134.22 ng/ml



#37 AR-1262-2

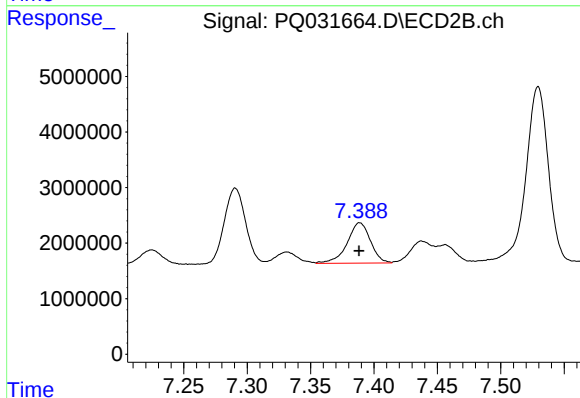
R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 8329683
Conc: 153.05 ng/ml



#38 AR-1262-3

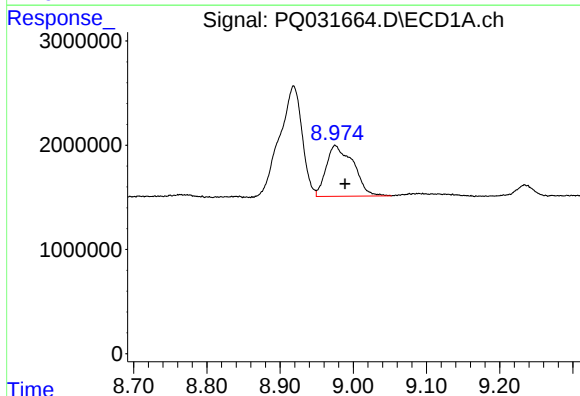
R.T.: 8.329 min
Delta R.T.: 0.006 min
Response: 7910548
Conc: 129.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



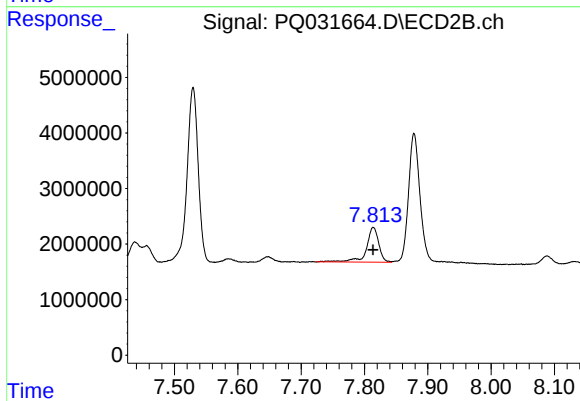
#38 AR-1262-3

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 9313665
Conc: 150.18 ng/ml



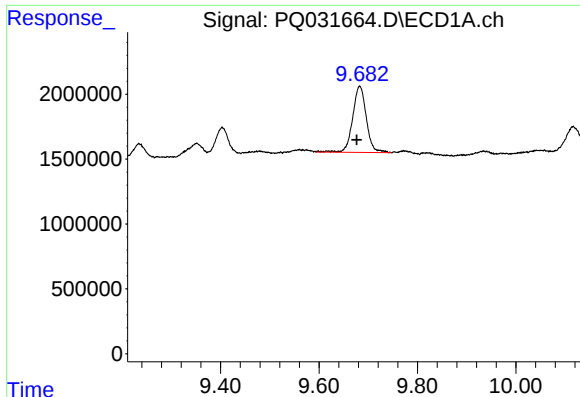
#39 AR-1262-4

R.T.: 8.975 min
Delta R.T.: -0.013 min
Response: 12563372
Conc: 98.14 ng/ml



#39 AR-1262-4

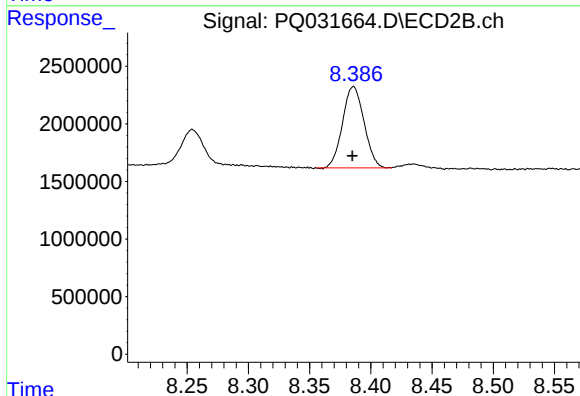
R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 8458600
Conc: 80.76 ng/ml



#40 AR-1262-5

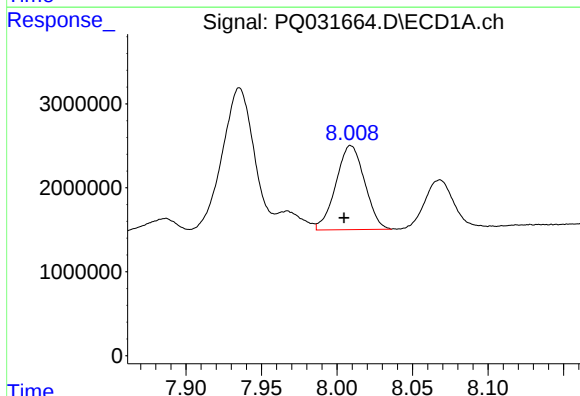
R.T.: 9.683 min
Delta R.T.: 0.006 min
Response: 9817916
Conc: 101.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



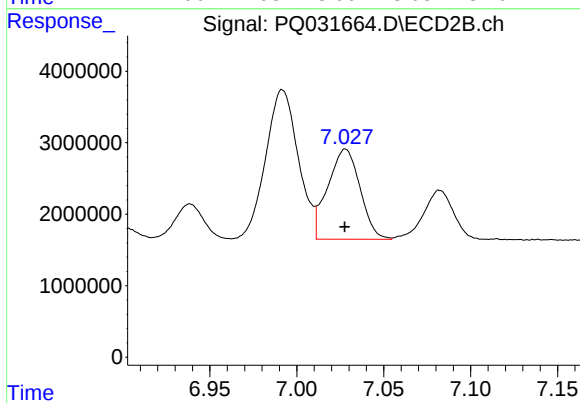
#40 AR-1262-5

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 8601075
Conc: 90.91 ng/ml



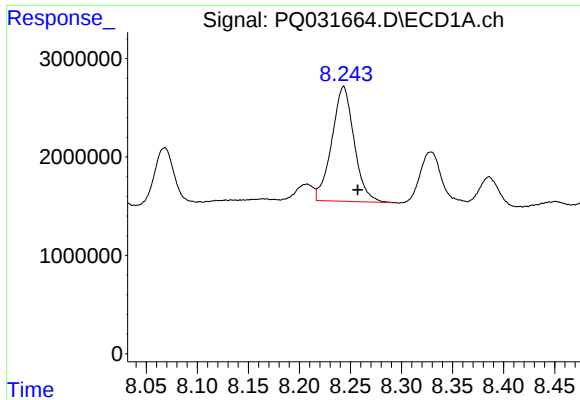
#41 AR-1268-1

R.T.: 8.009 min
Delta R.T.: 0.005 min
Response: 13281090
Conc: 250.20 ng/ml



#41 AR-1268-1

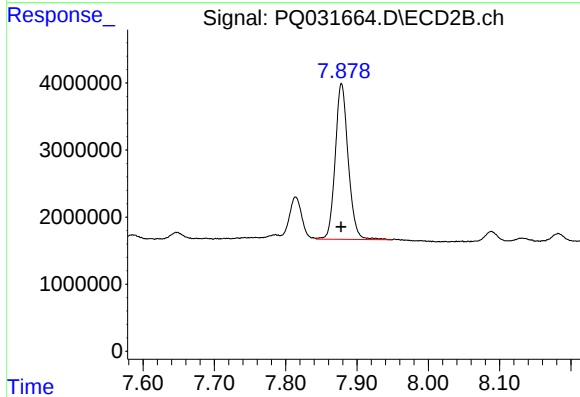
R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 16319288
Conc: 303.07 ng/ml



#42 AR-1268-2

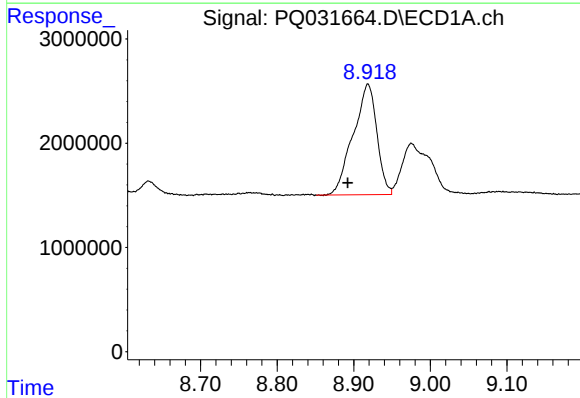
R.T.: 8.243 min
Delta R.T.: -0.014 min
Response: 17728103
Conc: 254.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



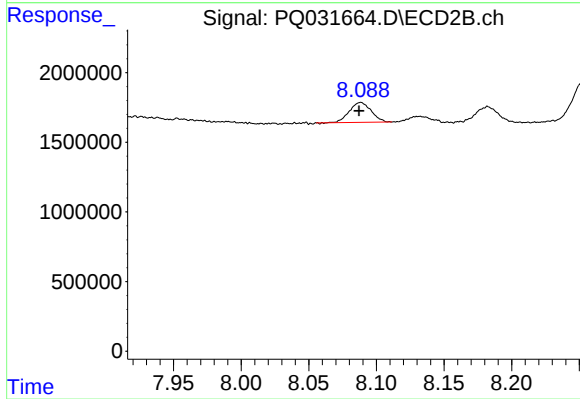
#42 AR-1268-2

R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 29344063
Conc: 97.07 ng/ml



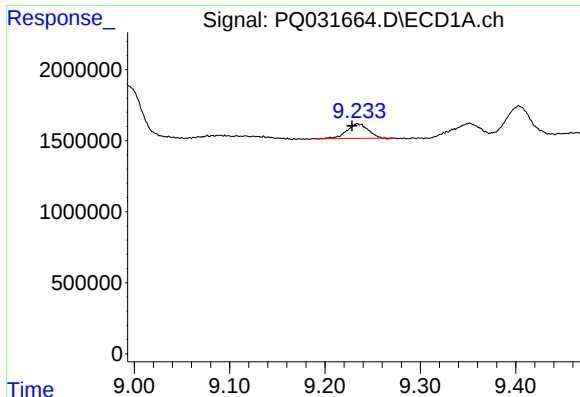
#43 AR-1268-3

R.T.: 8.919 min
Delta R.T.: 0.026 min
Response: 22757150
Conc: 69.83 ng/ml



#43 AR-1268-3

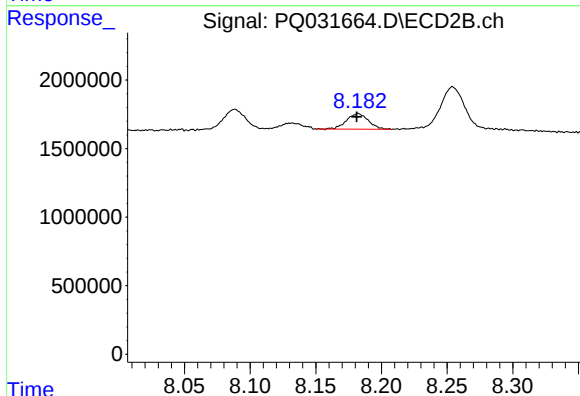
R.T.: 8.088 min
Delta R.T.: 0.001 min
Response: 1612129
Conc: 6.44 ng/ml



#44 AR-1268-4

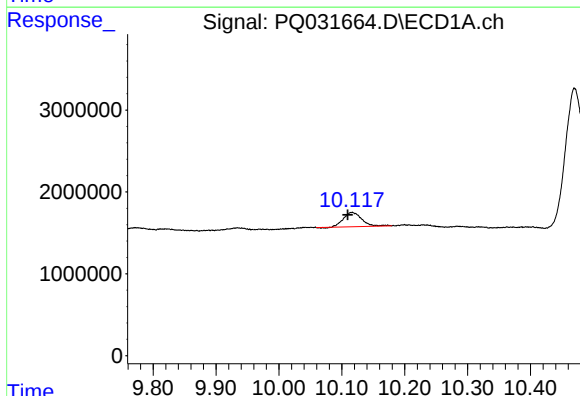
R.T.: 9.234 min
Delta R.T.: 0.006 min
Response: 1583219
Conc: 6.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



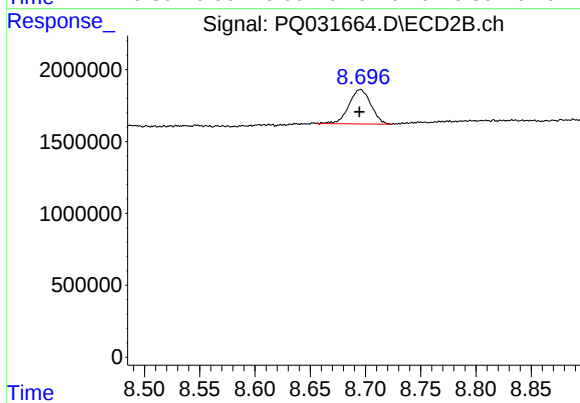
#44 AR-1268-4

R.T.: 8.182 min
Delta R.T.: 0.001 min
Response: 1324157
Conc: 19.68 ng/ml



#45 AR-1268-5

R.T.: 10.116 min
Delta R.T.: 0.007 min
Response: 3532473
Conc: 4.13 ng/ml



#45 AR-1268-5

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 3323035
Conc: 3.95 ng/ml