

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040821\
 Data File : PQ053020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 16:51
 Operator : DD\AJ
 Sample : M1959-01DL2 40X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:47:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 2021
 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...	5.223	4.241	18705942	6697901	0.812	0.700
2)	SA Decachlor...	11.410	9.579	25540622	10164785	1.033	1.027
Target Compounds							
3)	L1 AR-1016-1	6.571	5.519	567.7E6	249.6E6	661.586	644.091
4)	L1 AR-1016-2	6.571	5.519	567.7E6	249.6E6	444.782	449.928
5)	L1 AR-1016-3	6.646	5.712	31903666	110.9E6	42.093	390.060 #
6)	L1 AR-1016-4	6.746	5.761	236.4E6	123.8E6	371.501	551.516 #
7)	L1 AR-1016-5	7.060	5.992	278.4E6	136.4E6	456.783	475.352
10)	L2 AR-1221-3	5.665	4.745f	4925317	5612673	8.536	22.113 #
11)	L3 AR-1232-1	5.665	4.745f	4925317	5612673	10.503	26.803 #
12)	L3 AR-1232-2	6.252	5.519	87942413	249.6E6	347.742	1070.029 #
13)	L3 AR-1232-3	6.571	5.712	567.7E6	110.9E6	1054.950	947.756
14)	L3 AR-1232-4	6.746	5.805	236.4E6	113.9E6	882.261	1145.963 #
15)	L3 AR-1232-5	6.840	5.992	272.5E6	136.4E6	1387.901	1234.791
16)	L4 AR-1242-1	6.571	5.519	567.7E6	249.6E6	712.167	706.775
17)	L4 AR-1242-2	6.571	5.519	567.7E6	249.6E6	482.383	498.209
18)	L4 AR-1242-3	6.646	5.712	31903666	110.9E6	45.157	426.730 #
19)	L4 AR-1242-4	6.746	5.805	236.4E6	113.9E6	402.365	463.761
20)	L4 AR-1242-5	7.528	6.371	384.6E6	249.8E6	574.046	719.009 #
21)	L5 AR-1248-1	6.571	5.519	567.7E6	249.6E6	1034.377	1020.891
22)	L5 AR-1248-2	6.840	5.761	272.5E6	123.8E6	349.891	373.027
23)	L5 AR-1248-3	7.060	5.805	278.4E6	113.9E6	312.214	331.437
24)	L5 AR-1248-4	7.487	5.992	98728313	136.4E6	92.292	329.080 #
25)	L5 AR-1248-5	7.528	6.414	384.6E6	168.4E6	361.866	377.354
26)	L6 AR-1254-1	7.458	6.371	563.2E6	249.8E6	414.447	278.548 #
27)	L6 AR-1254-2	7.686	6.529	780.1E6	277.7E6	365.525	350.563
28)	L6 AR-1254-3	8.069	6.951	555.0E6	617.4E6	236.770	476.051 #
29)	L6 AR-1254-4	8.363	7.189	381.4E6	188.7E6	220.789	212.099
30)	L6 AR-1254-5	8.792	7.618	1611.3E6	978.2E6	878.267	817.757
31)	L7 AR-1260-1	8.234	7.087	912.7E6	551.8E6	847.101	954.447
32)	L7 AR-1260-2	8.497	7.283	1302.4E6	879.7E6	991.115	1102.864
33)	L7 AR-1260-3	8.863	7.439	547.2E6	573.5E6	545.066	870.060 #
34)	L7 AR-1260-4	9.106	7.922	763.2E6	341.5E6	667.817	605.560
35)	L7 AR-1260-5	9.452	8.168	1607.9E6	1272.0E6	675.895	831.210
36)	L8 AR-1262-1	8.863	7.618	547.2E6	978.2E6	301.467	1942.247 #
37)	L8 AR-1262-2	9.452	8.168	1607.9E6	1272.0E6	480.163	611.469 #
38)	L8 AR-1262-3	9.811	8.455	944.6E6	144.9E6	425.713	179.319 #
39)	L8 AR-1262-4	9.866	8.517	485.9E6	732.4E6	278.178	525.425 #
40)	L8 AR-1262-5	10.600	9.021	309.1E6	164.5E6	254.614	268.156
41)	L9 AR-1268-1	9.811	8.455	944.6E6	144.9E6	240.702	61.114 #
42)	L9 AR-1268-2	9.866	8.517	485.9E6	732.4E6	131.113	360.247 #
43)	L9 AR-1268-3	10.094f	8.717	17238612	21229811	5.397	11.935 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040821\
 Data File : PQ053020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 16:51
 Operator : DD\AJ
 Sample : M1959-01DL2 40X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

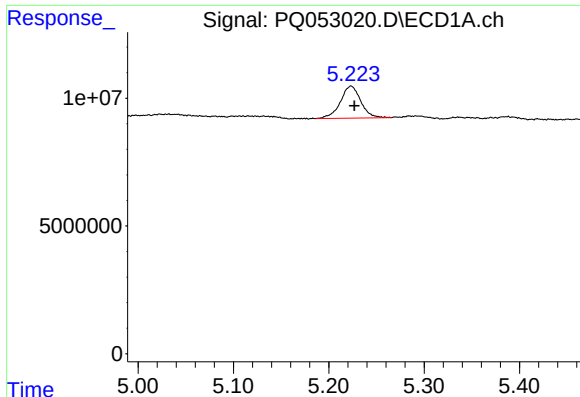
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:47:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 2021
 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	10.600	9.021	309.1E6	164.5E6	239.701	248.272
45) L9	AR-1268-5	11.048	9.320	58551662	26304852	5.461	5.454

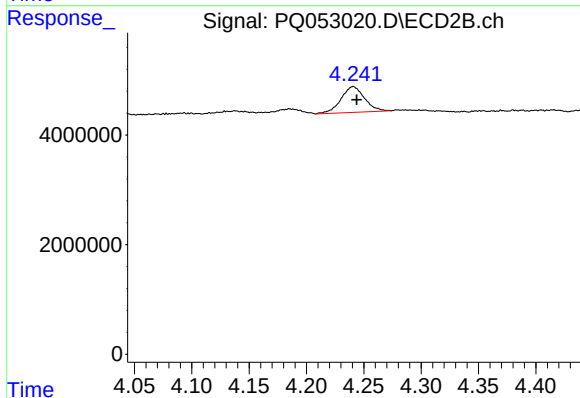
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

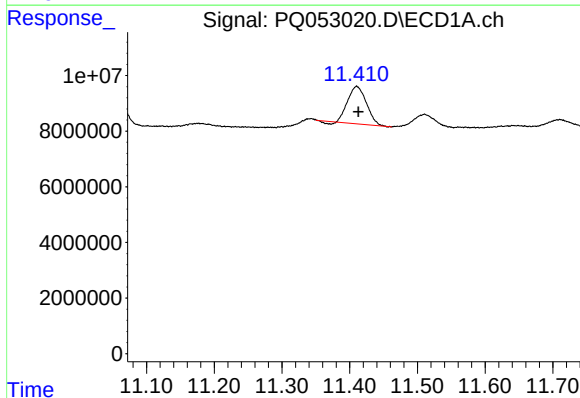
R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 18705942
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



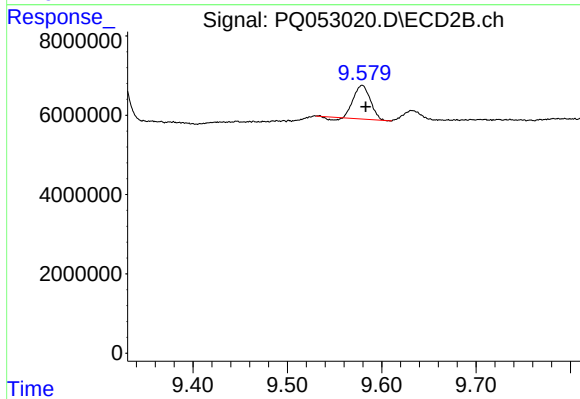
#1 Tetrachloro-m-xylene

R.T.: 4.241 min
Delta R.T.: -0.003 min
Response: 6697901
Conc: 0.70 ng/ml



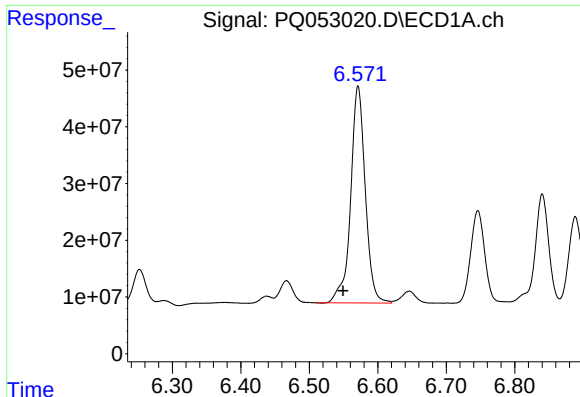
#2 Decachlorobiphenyl

R.T.: 11.410 min
Delta R.T.: -0.003 min
Response: 25540622
Conc: 1.03 ng/ml



#2 Decachlorobiphenyl

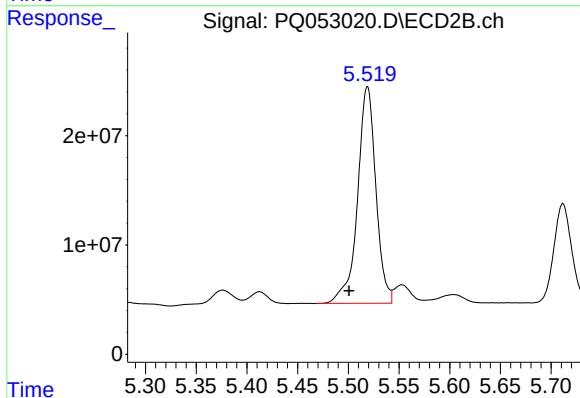
R.T.: 9.579 min
Delta R.T.: -0.004 min
Response: 10164785
Conc: 1.03 ng/ml



#3 AR-1016-1

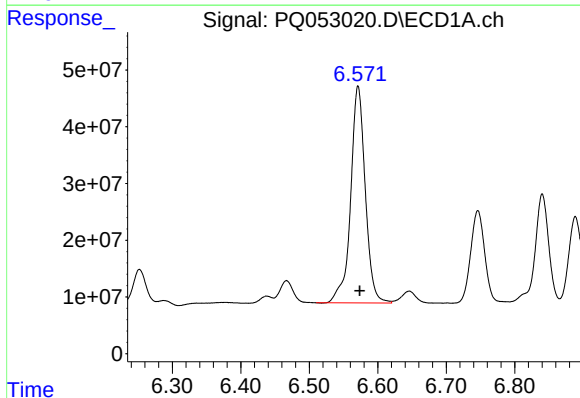
R.T.: 6.571 min
Delta R.T.: 0.022 min
Response: 567659214
Conc: 661.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



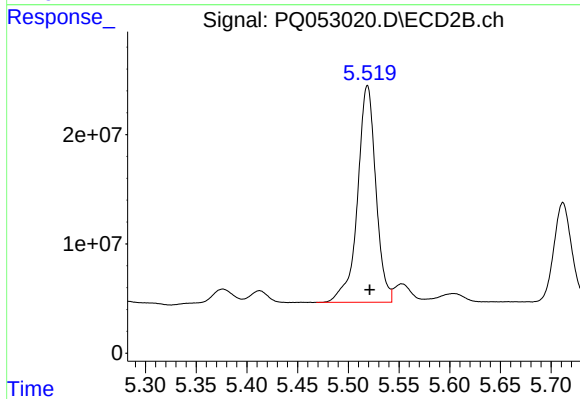
#3 AR-1016-1

R.T.: 5.519 min
Delta R.T.: 0.018 min
Response: 249628677
Conc: 644.09 ng/ml



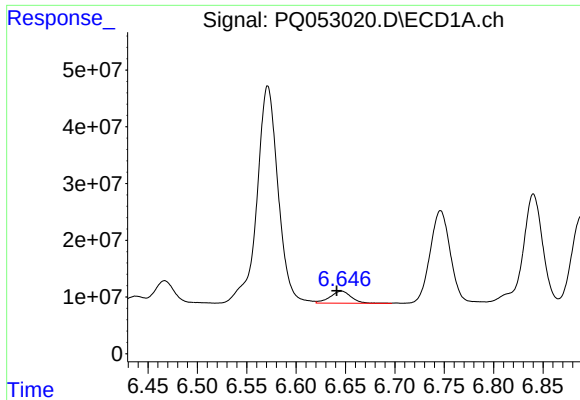
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 567659214
Conc: 444.78 ng/ml



#4 AR-1016-2

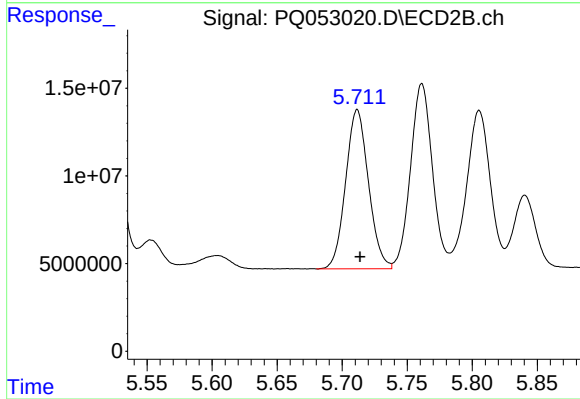
R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 249628677
Conc: 449.93 ng/ml



#5 AR-1016-3

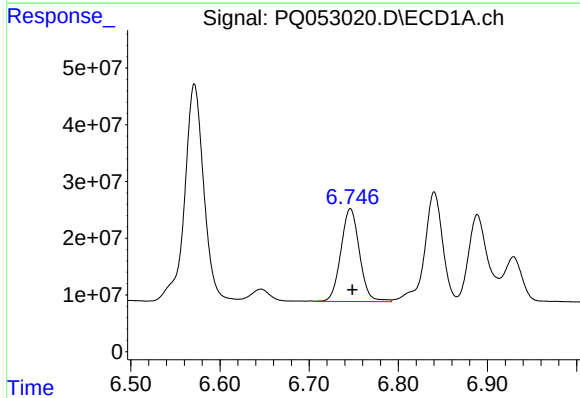
R.T.: 6.646 min
Delta R.T.: 0.005 min
Response: 31903666
Conc: 42.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



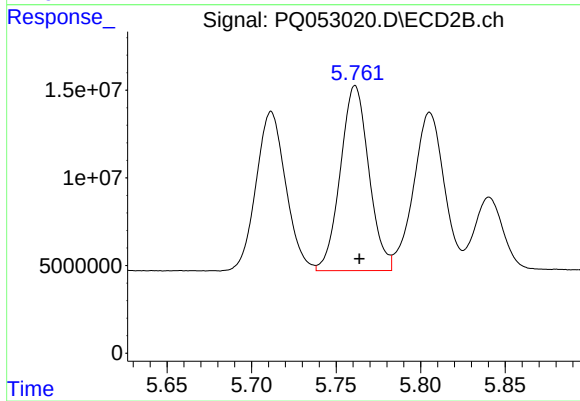
#5 AR-1016-3

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 110911884
Conc: 390.06 ng/ml



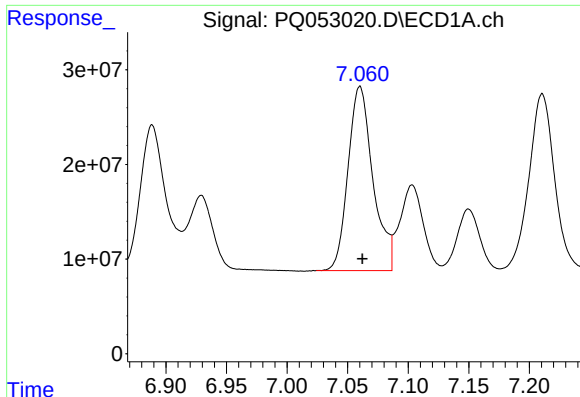
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 236410222
Conc: 371.50 ng/ml



#6 AR-1016-4

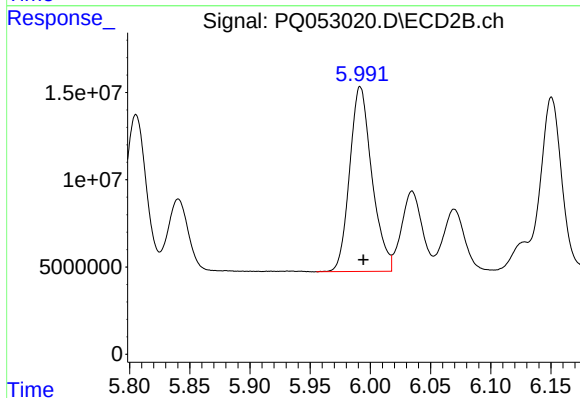
R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 123779926
Conc: 551.52 ng/ml



#7 AR-1016-5

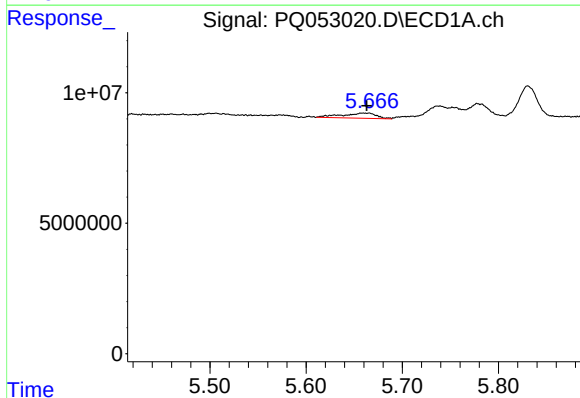
R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 278384566
Conc: 456.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



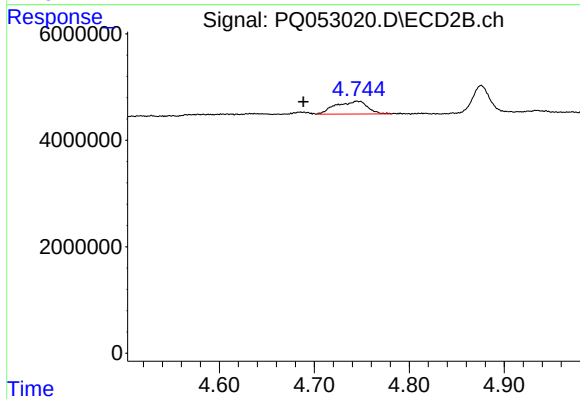
#7 AR-1016-5

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 136355381
Conc: 475.35 ng/ml



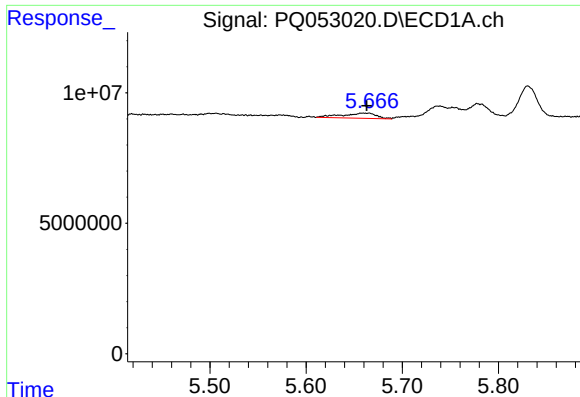
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: 0.002 min
Response: 4925317
Conc: 8.54 ng/ml



#10 AR-1221-3

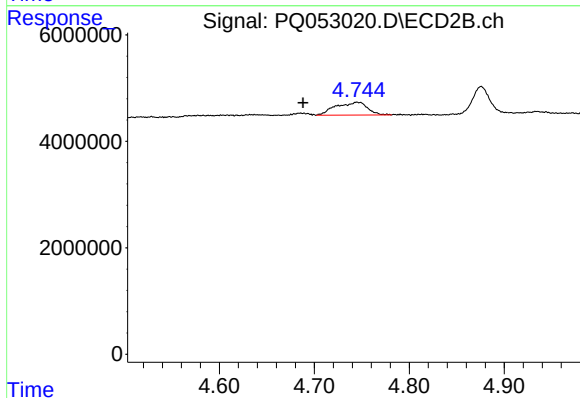
R.T.: 4.745 min
Delta R.T.: 0.056 min
Response: 5612673
Conc: 22.11 ng/ml



#11 AR-1232-1

R.T.: 5.665 min
Delta R.T.: 0.002 min
Response: 4925317
Conc: 10.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#11 AR-1232-1

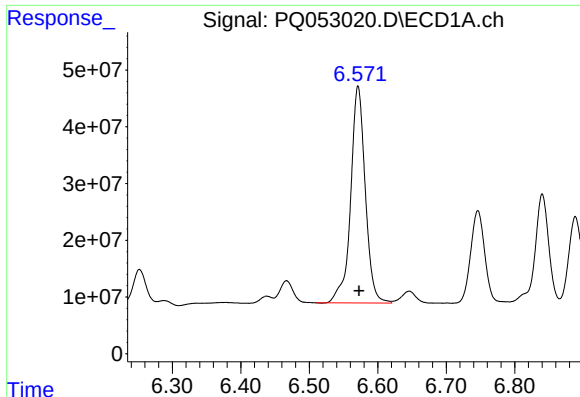
R.T.: 4.745 min
Delta R.T.: 0.057 min
Response: 5612673
Conc: 26.80 ng/ml

#12 AR-1232-2

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 87942413
Conc: 347.74 ng/ml

#12 AR-1232-2

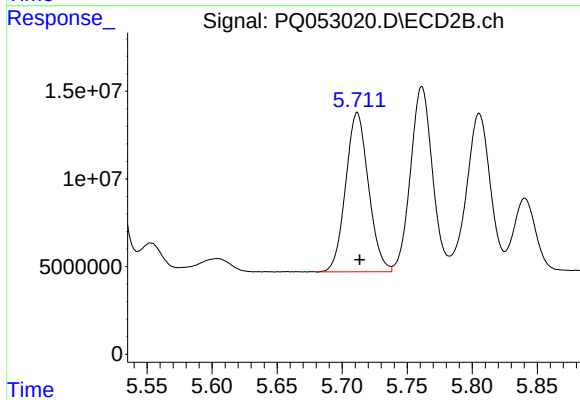
R.T.: 5.519 min
Delta R.T.: -0.003 min
Response: 249628677
Conc: 1070.03 ng/ml



#13 AR-1232-3

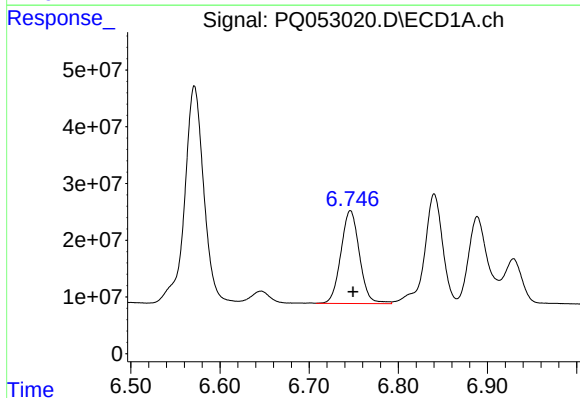
R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 567659214
Conc: 1054.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



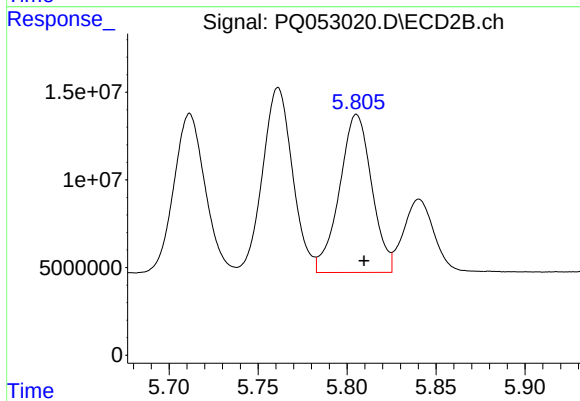
#13 AR-1232-3

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 110911884
Conc: 947.76 ng/ml



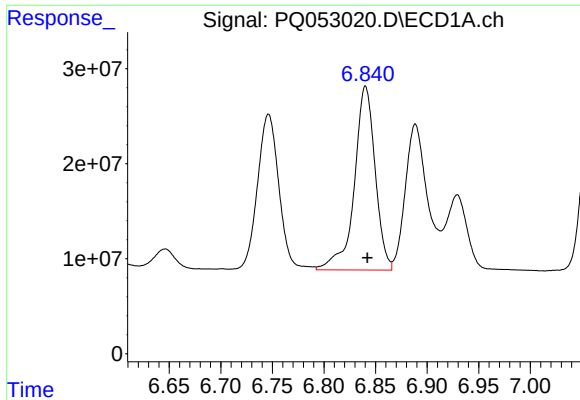
#14 AR-1232-4

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 236410222
Conc: 882.26 ng/ml



#14 AR-1232-4

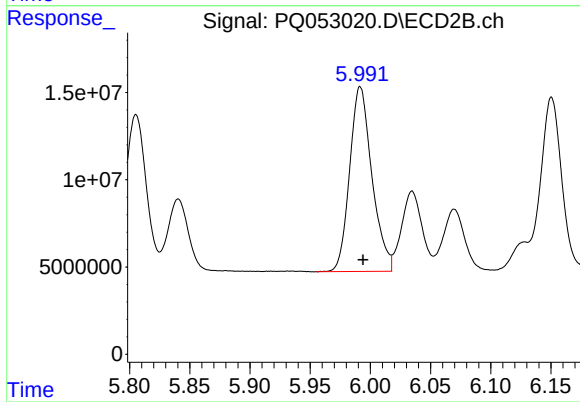
R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 113864046
Conc: 1145.96 ng/ml



#15 AR-1232-5

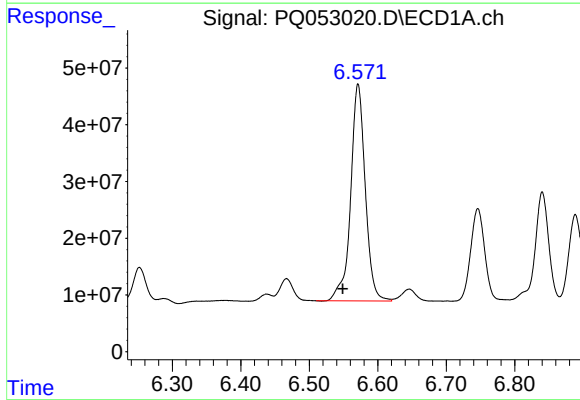
R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 272524806
Conc: 1387.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



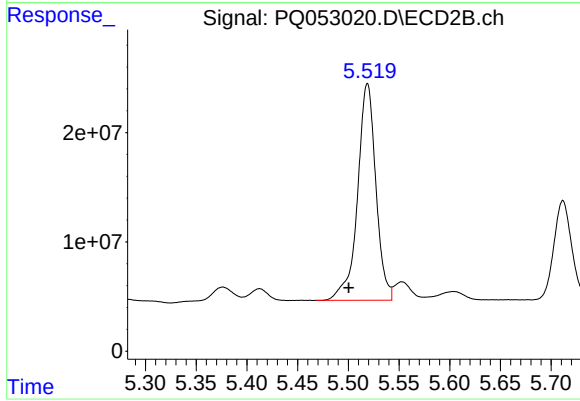
#15 AR-1232-5

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 136355381
Conc: 1234.79 ng/ml



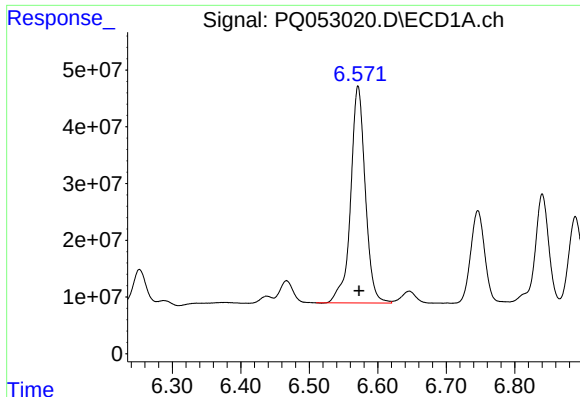
#16 AR-1242-1

R.T.: 6.571 min
Delta R.T.: 0.022 min
Response: 567659214
Conc: 712.17 ng/ml



#16 AR-1242-1

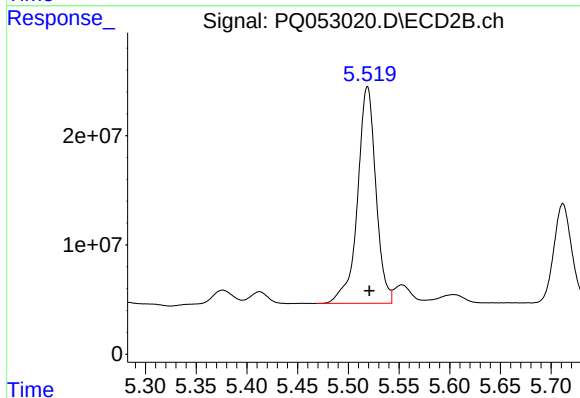
R.T.: 5.519 min
Delta R.T.: 0.019 min
Response: 249628677
Conc: 706.77 ng/ml



#17 AR-1242-2

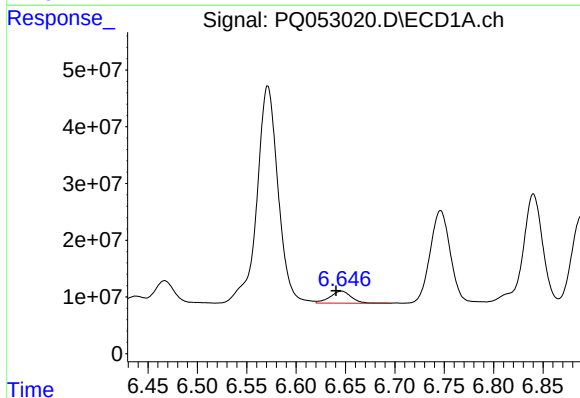
R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 567659214
Conc: 482.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



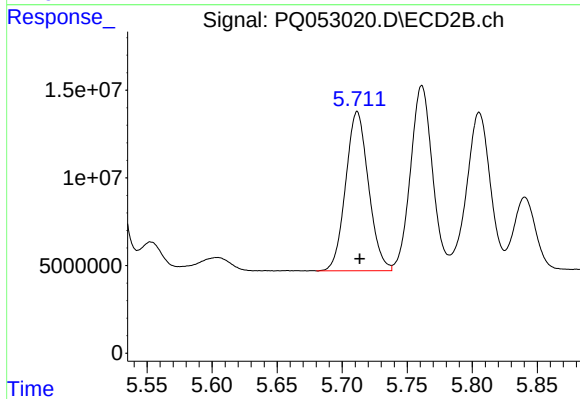
#17 AR-1242-2

R.T.: 5.519 min
Delta R.T.: -0.002 min
Response: 249628677
Conc: 498.21 ng/ml



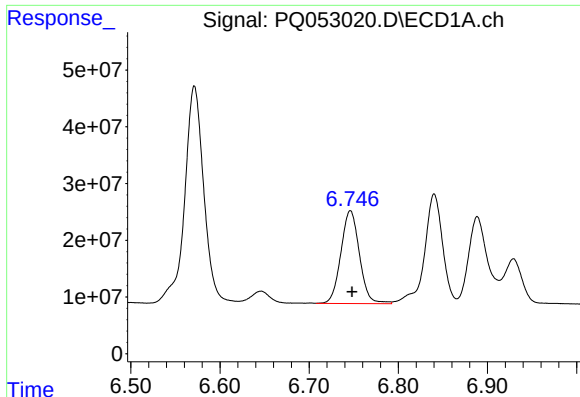
#18 AR-1242-3

R.T.: 6.646 min
Delta R.T.: 0.006 min
Response: 31903666
Conc: 45.16 ng/ml



#18 AR-1242-3

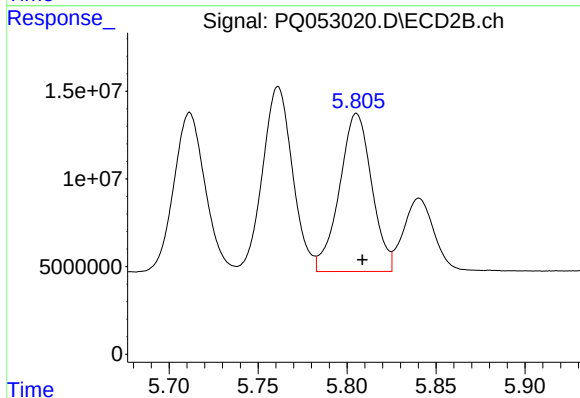
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 110911884
Conc: 426.73 ng/ml



#19 AR-1242-4

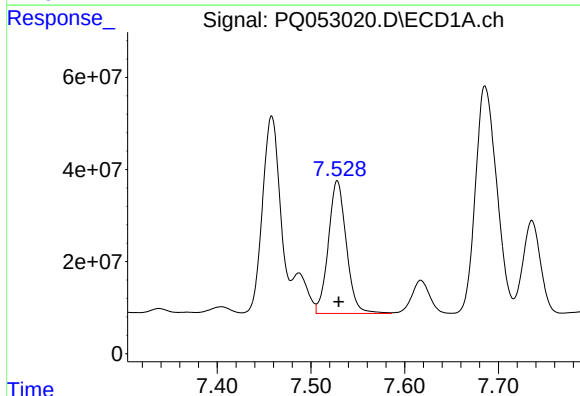
R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 236410222
Conc: 402.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



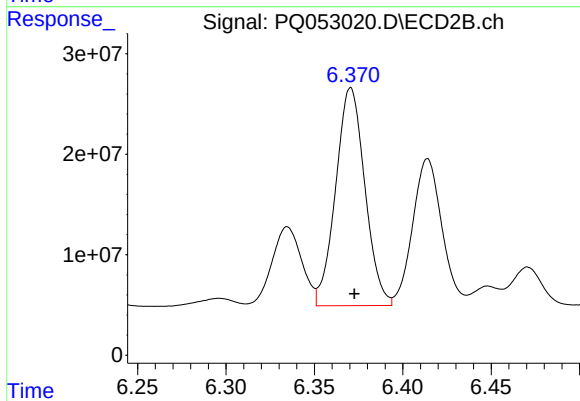
#19 AR-1242-4

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 113864046
Conc: 463.76 ng/ml



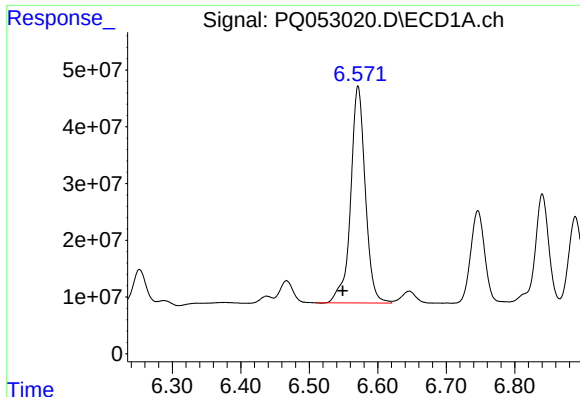
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 384602921
Conc: 574.05 ng/ml



#20 AR-1242-5

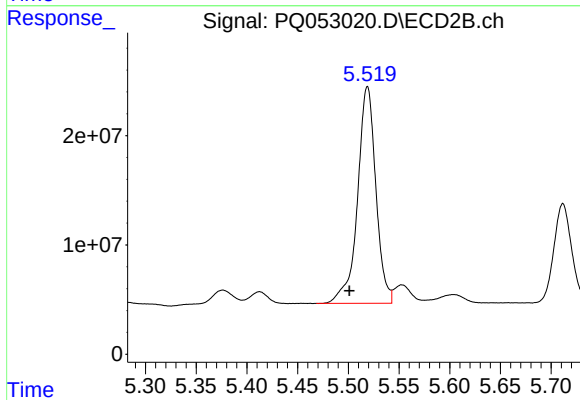
R.T.: 6.371 min
Delta R.T.: -0.002 min
Response: 249804889
Conc: 719.01 ng/ml



#21 AR-1248-1

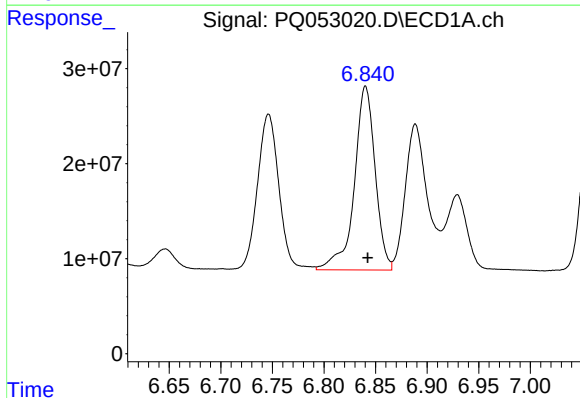
R.T.: 6.571 min
Delta R.T.: 0.022 min
Response: 567659214
Conc: 1034.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



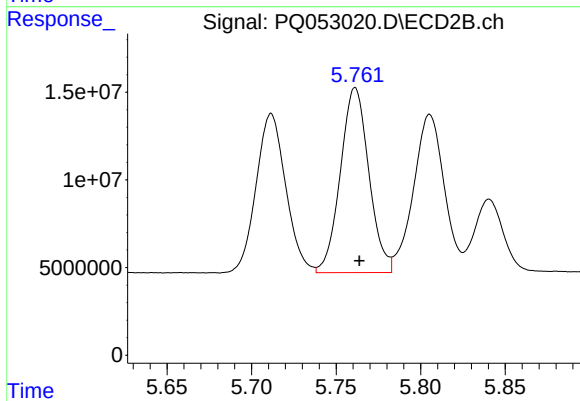
#21 AR-1248-1

R.T.: 5.519 min
Delta R.T.: 0.018 min
Response: 249628677
Conc: 1020.89 ng/ml



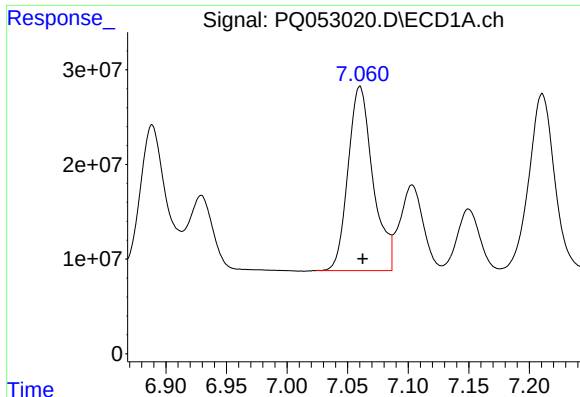
#22 AR-1248-2

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 272524806
Conc: 349.89 ng/ml



#22 AR-1248-2

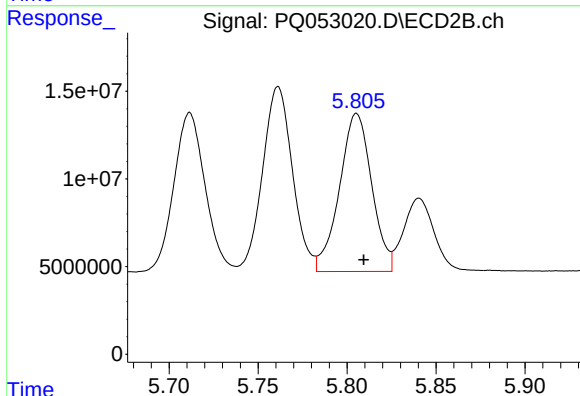
R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 123779926
Conc: 373.03 ng/ml



#23 AR-1248-3

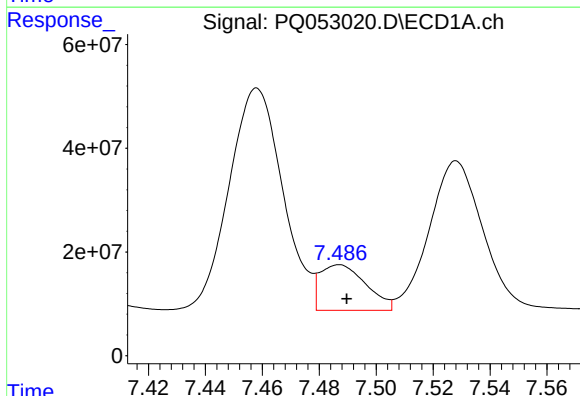
R.T.: 7.060 min
Delta R.T.: -0.002 min
Response: 278384566
Conc: 312.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



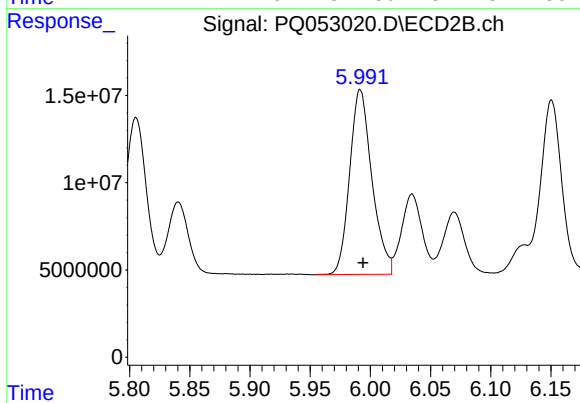
#23 AR-1248-3

R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 113864046
Conc: 331.44 ng/ml



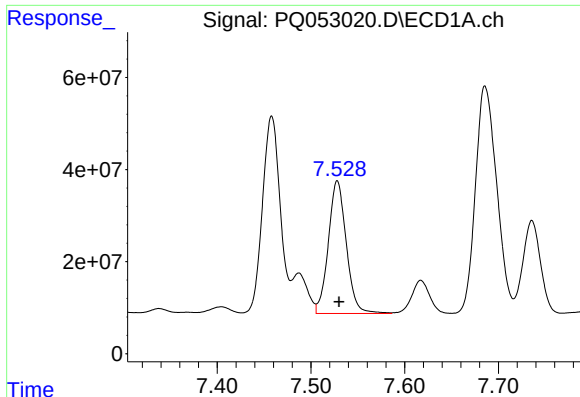
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 98728313
Conc: 92.29 ng/ml



#24 AR-1248-4

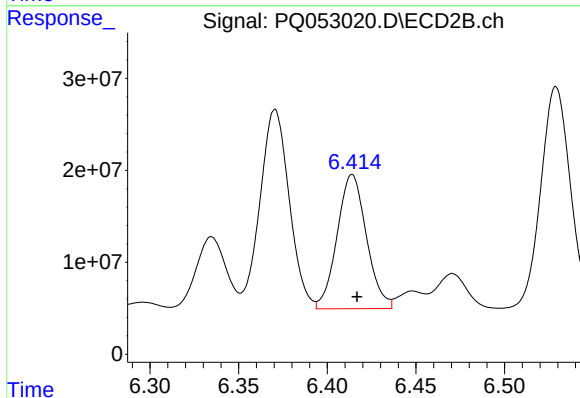
R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 136355381
Conc: 329.08 ng/ml



#25 AR-1248-5

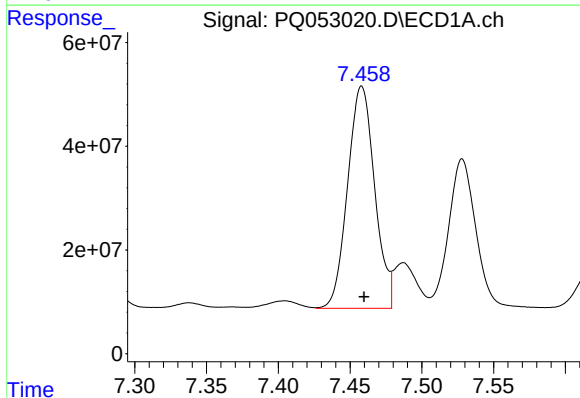
R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 384602921
Conc: 361.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



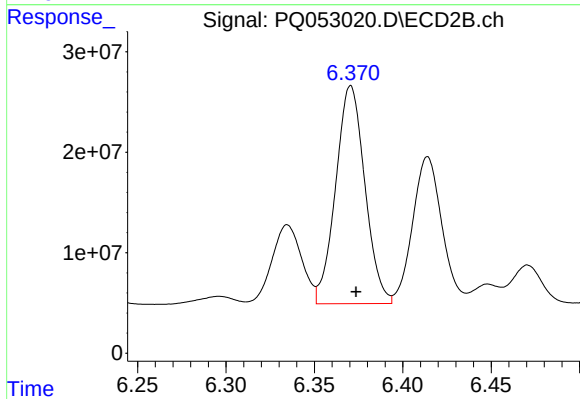
#25 AR-1248-5

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 168372213
Conc: 377.35 ng/ml



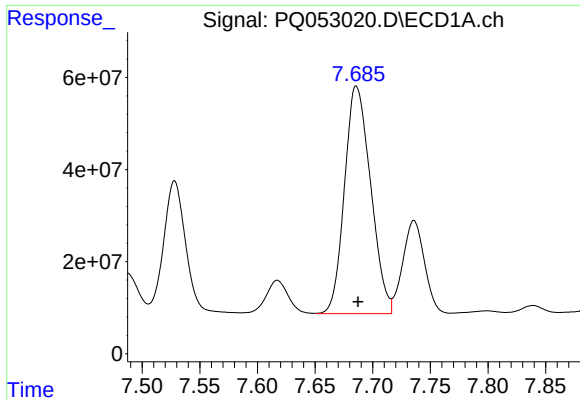
#26 AR-1254-1

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 563169309
Conc: 414.45 ng/ml



#26 AR-1254-1

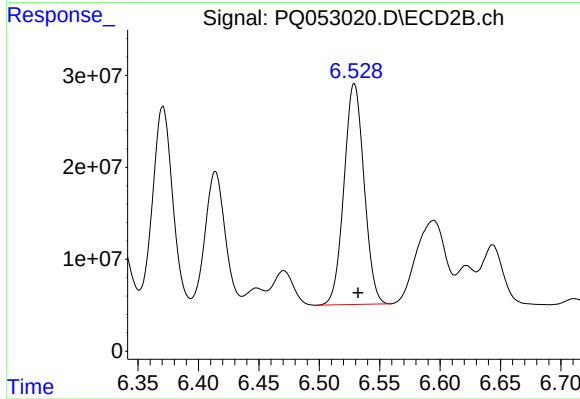
R.T.: 6.371 min
Delta R.T.: -0.003 min
Response: 249804889
Conc: 278.55 ng/ml



#27 AR-1254-2

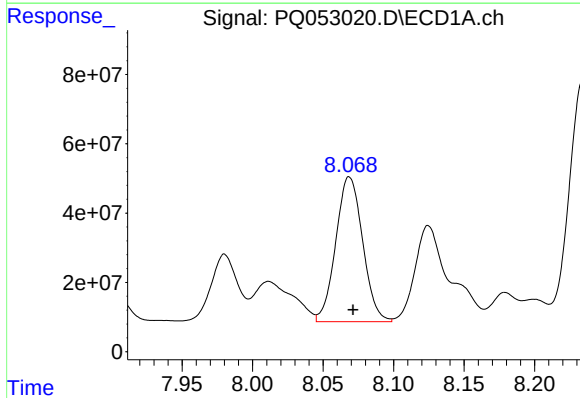
R.T.: 7.686 min
Delta R.T.: -0.002 min
Response: 780146345
Conc: 365.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



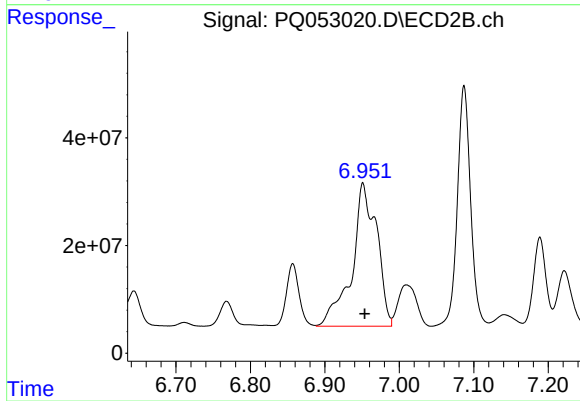
#27 AR-1254-2

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 277699848
Conc: 350.56 ng/ml



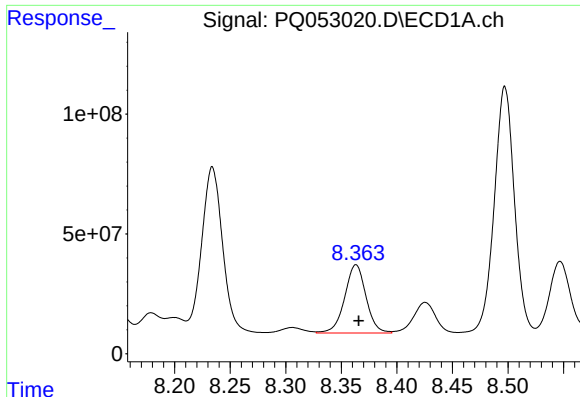
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 554978972
Conc: 236.77 ng/ml



#28 AR-1254-3

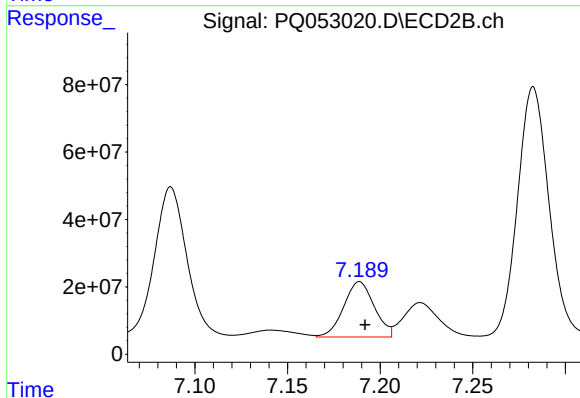
R.T.: 6.951 min
Delta R.T.: -0.002 min
Response: 617407581
Conc: 476.05 ng/ml



#29 AR-1254-4

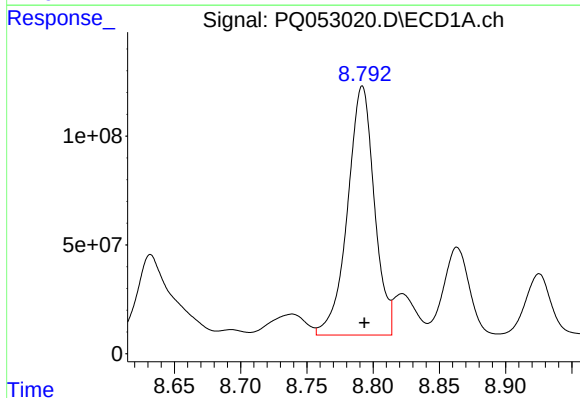
R.T.: 8.363 min
Delta R.T.: -0.003 min
Response: 381381118
Conc: 220.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



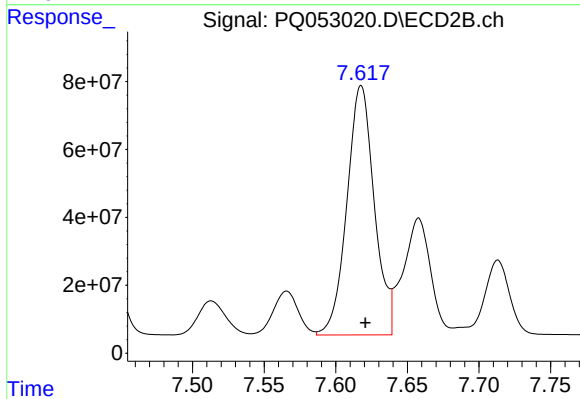
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 188740036
Conc: 212.10 ng/ml



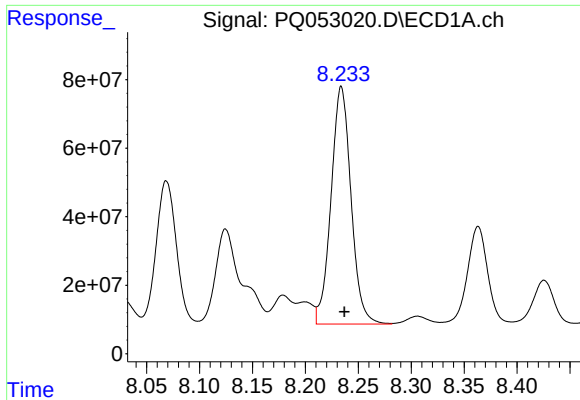
#30 AR-1254-5

R.T.: 8.792 min
Delta R.T.: -0.002 min
Response: 1611293871
Conc: 878.27 ng/ml



#30 AR-1254-5

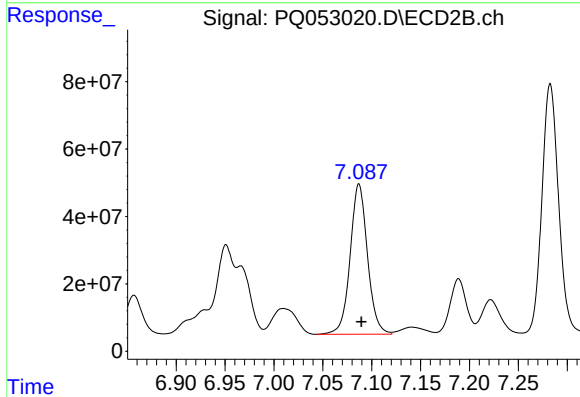
R.T.: 7.618 min
Delta R.T.: -0.003 min
Response: 978242297
Conc: 817.76 ng/ml



#31 AR-1260-1

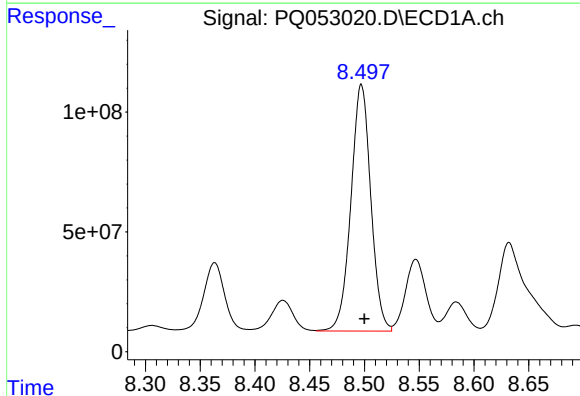
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 912738466
Conc: 847.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



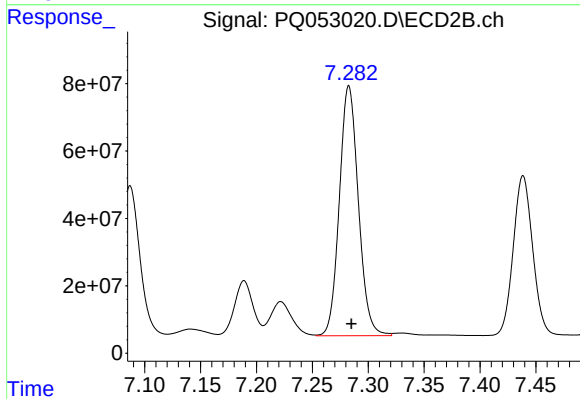
#31 AR-1260-1

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 551765047
Conc: 954.45 ng/ml



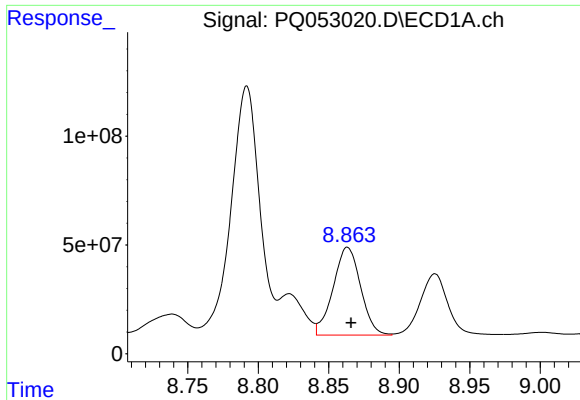
#32 AR-1260-2

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 1302361215
Conc: 991.12 ng/ml



#32 AR-1260-2

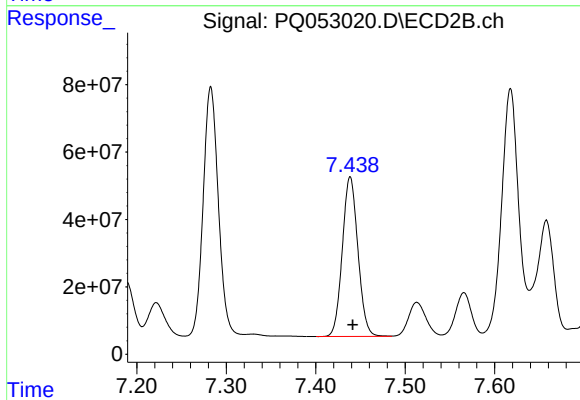
R.T.: 7.283 min
Delta R.T.: -0.002 min
Response: 879657529
Conc: 1102.86 ng/ml



#33 AR-1260-3

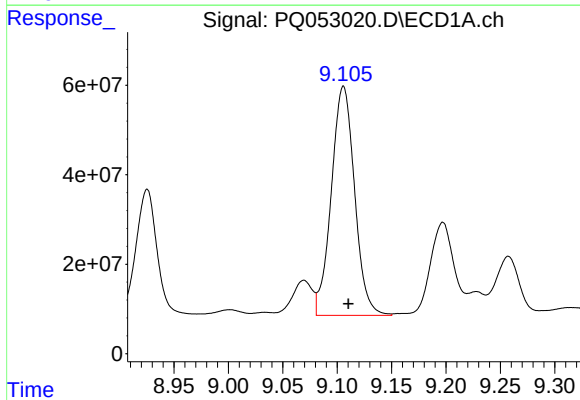
R.T.: 8.863 min
Delta R.T.: -0.003 min
Response: 547217091
Conc: 545.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



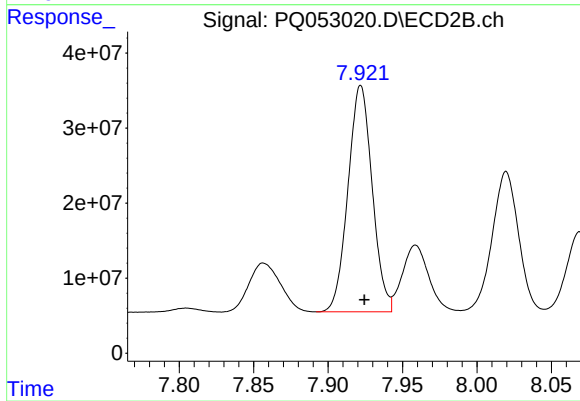
#33 AR-1260-3

R.T.: 7.439 min
Delta R.T.: -0.003 min
Response: 573464861
Conc: 870.06 ng/ml



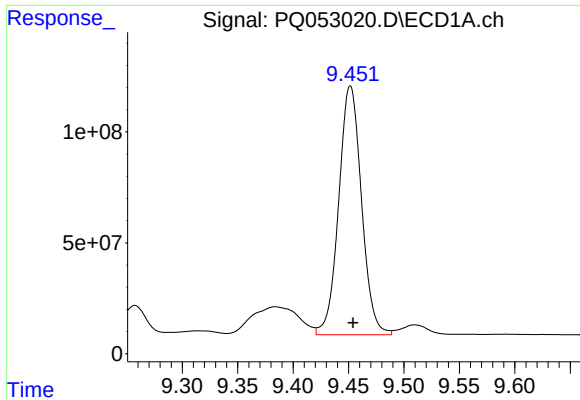
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: -0.004 min
Response: 763170308
Conc: 667.82 ng/ml



#34 AR-1260-4

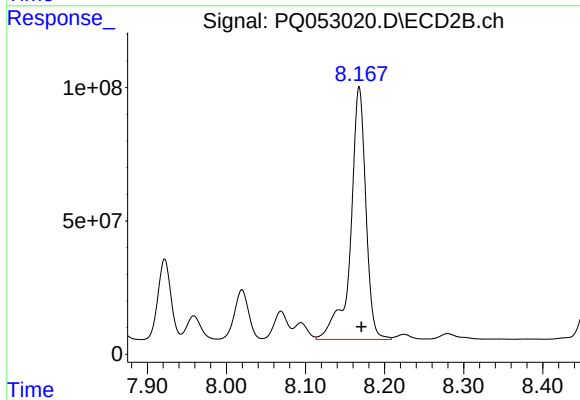
R.T.: 7.922 min
Delta R.T.: -0.002 min
Response: 341482949
Conc: 605.56 ng/ml



#35 AR-1260-5

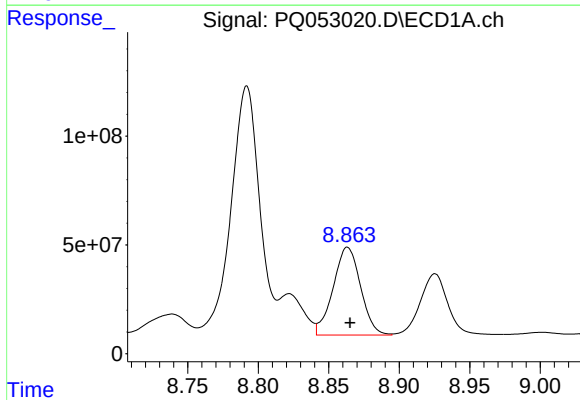
R.T.: 9.452 min
Delta R.T.: -0.003 min
Response: 1607901121
Conc: 675.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



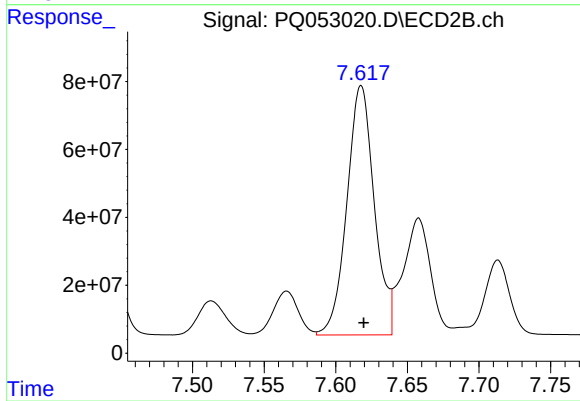
#35 AR-1260-5

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 1272026706
Conc: 831.21 ng/ml



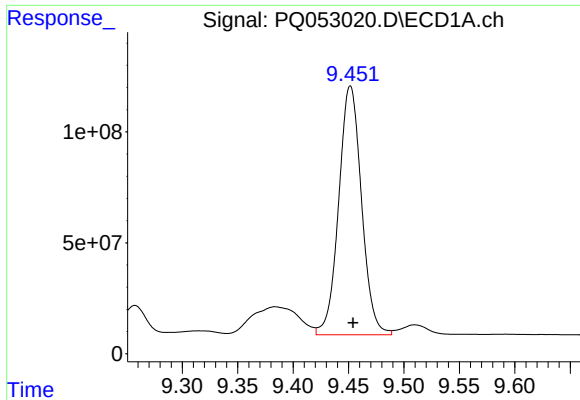
#36 AR-1262-1

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 547217091
Conc: 301.47 ng/ml



#36 AR-1262-1

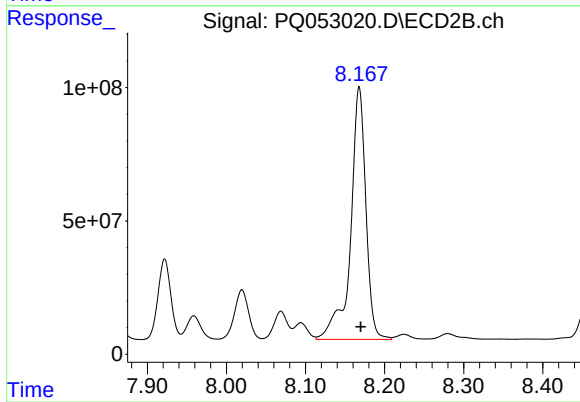
R.T.: 7.618 min
Delta R.T.: -0.002 min
Response: 978242297
Conc: 1942.25 ng/ml



#37 AR-1262-2

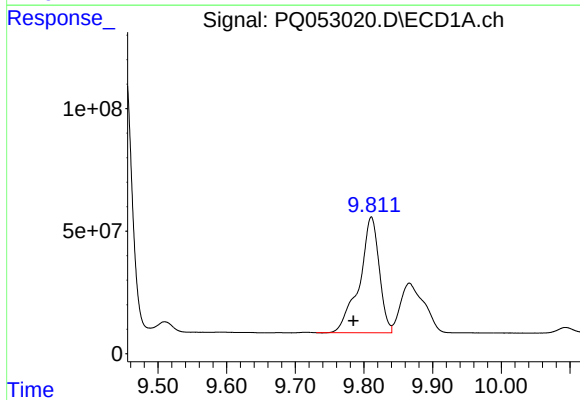
R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 1607901121
Conc: 480.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



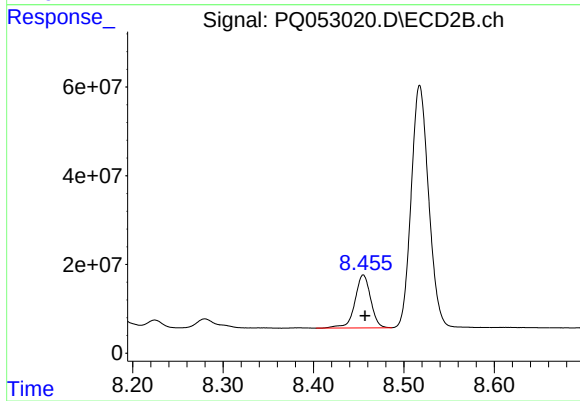
#37 AR-1262-2

R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 1272026706
Conc: 611.47 ng/ml



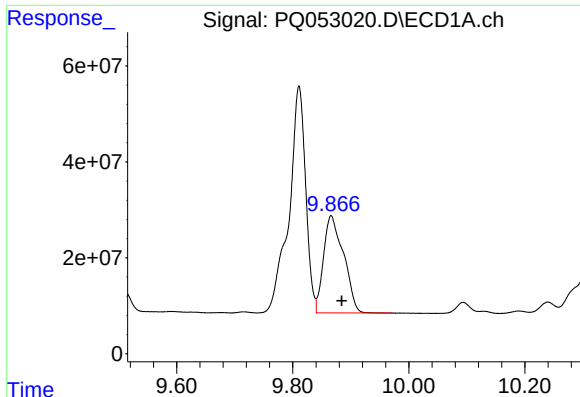
#38 AR-1262-3

R.T.: 9.811 min
Delta R.T.: 0.026 min
Response: 944616302
Conc: 425.71 ng/ml



#38 AR-1262-3

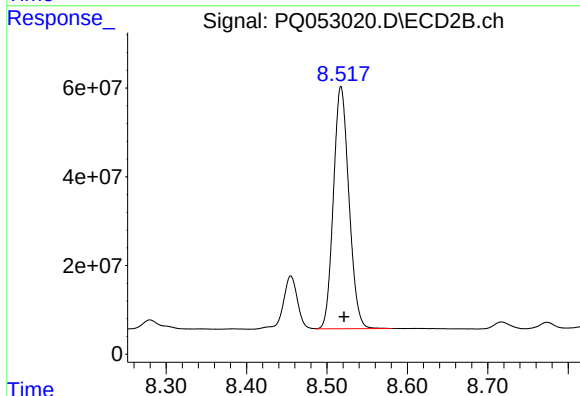
R.T.: 8.455 min
Delta R.T.: -0.002 min
Response: 144947353
Conc: 179.32 ng/ml



#39 AR-1262-4

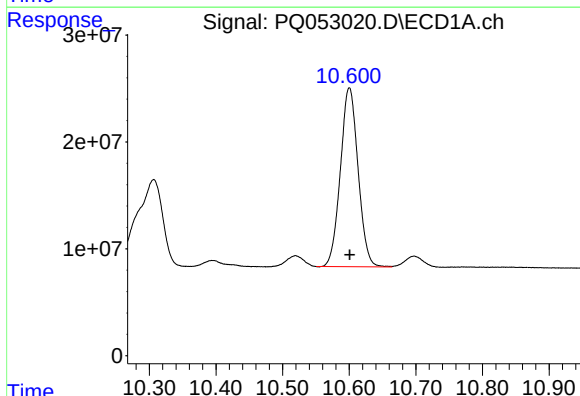
R.T.: 9.866 min
Delta R.T.: -0.018 min
Response: 485936516
Conc: 278.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



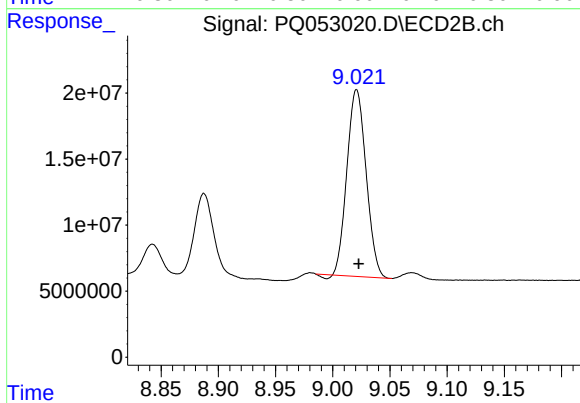
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: -0.004 min
Response: 732365160
Conc: 525.42 ng/ml



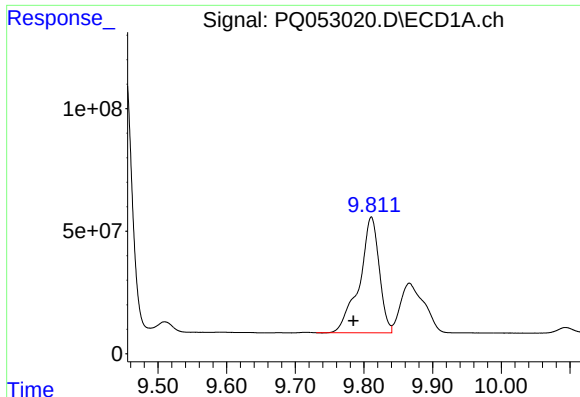
#40 AR-1262-5

R.T.: 10.600 min
Delta R.T.: 0.000 min
Response: 309121565
Conc: 254.61 ng/ml



#40 AR-1262-5

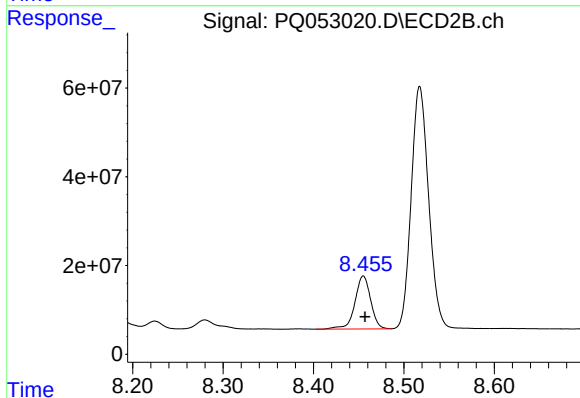
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 164495859
Conc: 268.16 ng/ml



#41 AR-1268-1

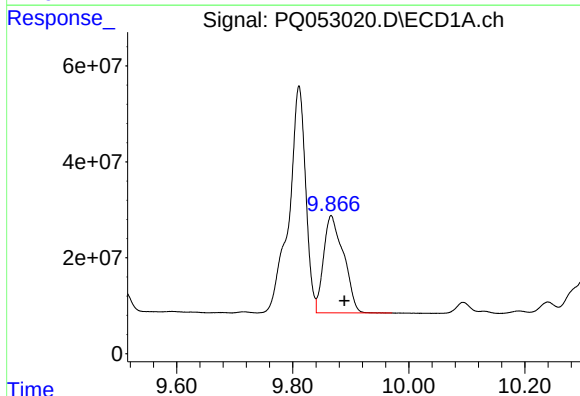
R.T.: 9.811 min
Delta R.T.: 0.026 min
Response: 944616302
Conc: 240.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



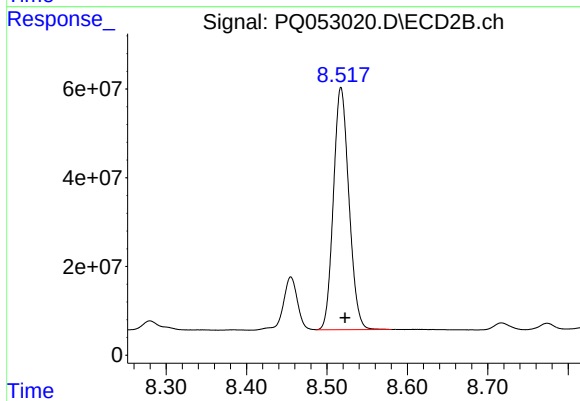
#41 AR-1268-1

R.T.: 8.455 min
Delta R.T.: -0.002 min
Response: 144947353
Conc: 61.11 ng/ml



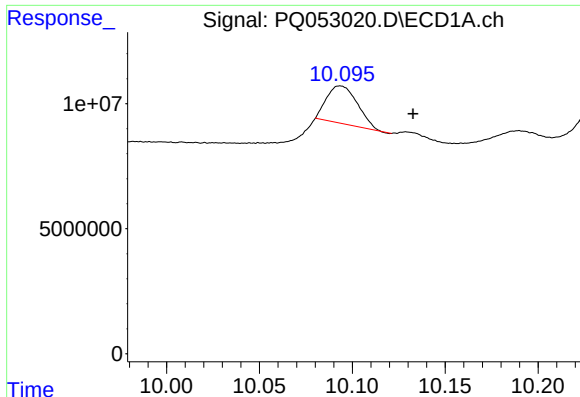
#42 AR-1268-2

R.T.: 9.866 min
Delta R.T.: -0.022 min
Response: 485936516
Conc: 131.11 ng/ml



#42 AR-1268-2

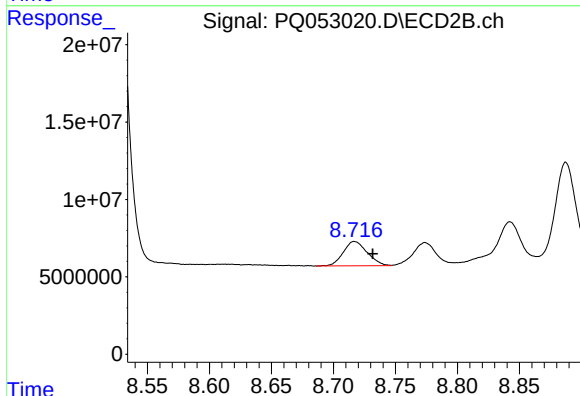
R.T.: 8.517 min
Delta R.T.: -0.005 min
Response: 732365160
Conc: 360.25 ng/ml



#43 AR-1268-3

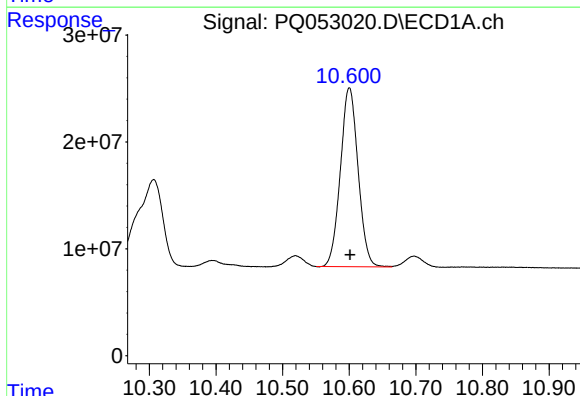
R.T.: 10.094 min
Delta R.T.: -0.039 min
Response: 17238612
Conc: 5.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



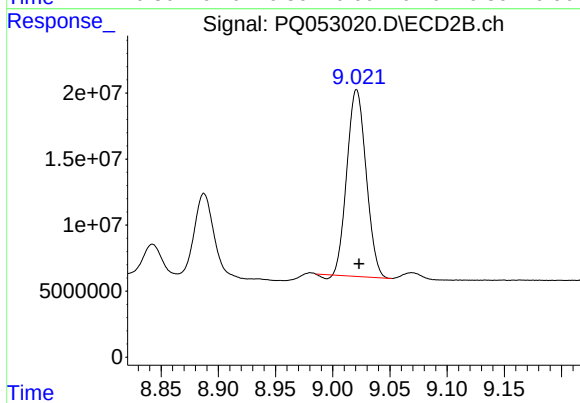
#43 AR-1268-3

R.T.: 8.717 min
Delta R.T.: -0.015 min
Response: 21229811
Conc: 11.93 ng/ml



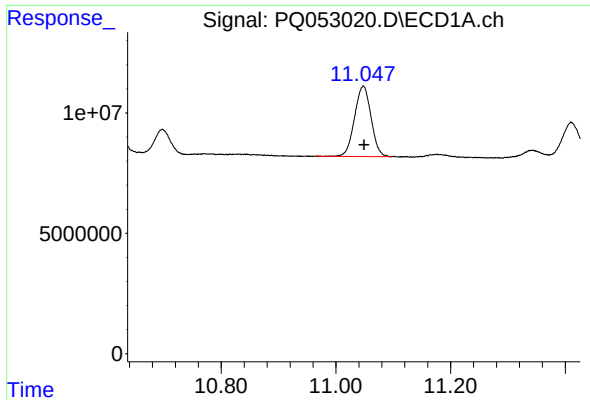
#44 AR-1268-4

R.T.: 10.600 min
Delta R.T.: -0.001 min
Response: 309121565
Conc: 239.70 ng/ml



#44 AR-1268-4

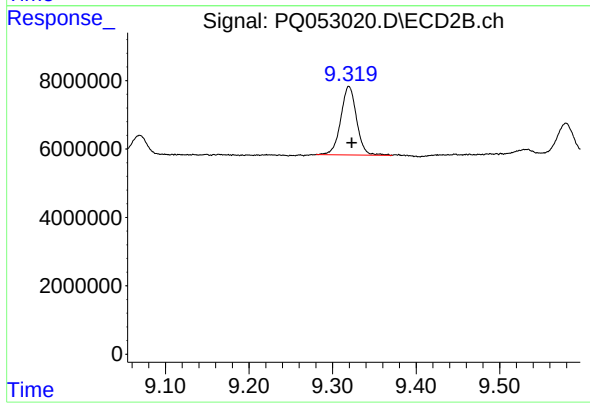
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 164495859
Conc: 248.27 ng/ml



#45 AR-1268-5

R.T.: 11.048 min
Delta R.T.: 0.000 min
Response: 58551662
Conc: 5.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.320 min
Delta R.T.: -0.003 min
Response: 26304852
Conc: 5.45 ng/ml