

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040821\
 Data File : PQ053027.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2021 18:46
 Operator : DD\AJ
 Sample : M1959-11DL2 50X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:52:06 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...	5.225	4.243	16671581	5266017	0.723	0.551
2)	SA Decachlor...	11.411	9.579	19065550	7336361	0.771	0.741
Target Compounds							
3)	L1 AR-1016-1	6.572	5.520	489.0E6	211.1E6	569.944	544.791
4)	L1 AR-1016-2	6.572	5.520	489.0E6	211.1E6	383.172	380.562
5)	L1 AR-1016-3	6.647	5.713	37984570	133.3E6	50.116	468.783 #
6)	L1 AR-1016-4	6.745	5.762	272.6E6	147.1E6	428.378	655.202 #
7)	L1 AR-1016-5	7.059	5.992	376.0E6	195.4E6	616.952	681.363
10)	L2 AR-1221-3	5.654	4.750f	4420931	7055472	7.662	27.797 #
11)	L3 AR-1232-1	5.654	4.750f	4420931	7055472	9.427	33.693 #
12)	L3 AR-1232-2	6.253	5.520	92343860	211.1E6	365.146	905.060 #
13)	L3 AR-1232-3	6.572	5.713	489.0E6	133.3E6	908.820	1139.035 #
14)	L3 AR-1232-4	6.745	5.806	272.6E6	165.1E6	1017.336	1662.088 #
15)	L3 AR-1232-5	6.840	5.992	320.1E6	195.4E6	1630.313	1769.932
16)	L4 AR-1242-1	6.572	5.520	489.0E6	211.1E6	613.519	597.810
17)	L4 AR-1242-2	6.572	5.520	489.0E6	211.1E6	415.564	421.399
18)	L4 AR-1242-3	6.647	5.713	37984570	133.3E6	53.764	512.854 #
19)	L4 AR-1242-4	6.745	5.806	272.6E6	165.1E6	463.967	672.633 #
20)	L4 AR-1242-5	7.528	6.371	505.2E6	166.0E6	754.064	477.683 #
21)	L5 AR-1248-1	6.572	5.520	489.0E6	211.1E6	891.097	863.498
22)	L5 AR-1248-2	6.840	5.762	320.1E6	147.1E6	411.003	443.156
23)	L5 AR-1248-3	7.059	5.806	376.0E6	165.1E6	421.691	480.711
24)	L5 AR-1248-4	7.486	5.992	76755252	195.4E6	71.751	471.698 #
25)	L5 AR-1248-5	7.528	6.415	505.2E6	239.5E6	475.346	536.665
26)	L6 AR-1254-1	7.457	6.371	482.8E6	166.0E6	355.298	185.057 #
27)	L6 AR-1254-2	7.689	6.529	624.2E6	175.7E6	292.443	221.741
28)	L6 AR-1254-3	8.069	6.952	353.9E6	190.5E6	150.972	146.903
29)	L6 AR-1254-4	8.362	7.189	223.5E6	108.2E6	129.377	121.600
30)	L6 AR-1254-5	8.791	7.617	1234.9E6	744.0E6	673.130	621.914
31)	L7 AR-1260-1	8.233	7.087	745.2E6	470.0E6	691.630	813.066
32)	L7 AR-1260-2	8.497	7.283	1028.6E6	702.9E6	782.812	881.289
33)	L7 AR-1260-3	8.863	7.439	584.9E6	499.4E6	582.624	757.639 #
34)	L7 AR-1260-4	9.105	7.921	734.4E6	379.2E6	642.620	672.458
35)	L7 AR-1260-5	9.452	8.168	1603.4E6	1135.5E6	674.007	741.979
36)	L8 AR-1262-1	8.863	7.617	584.9E6	744.0E6	322.240	1477.103 #
37)	L8 AR-1262-2	9.452	8.168	1603.4E6	1135.5E6	478.822	545.827
38)	L8 AR-1262-3	9.810	8.454	964.3E6	193.2E6	434.579	239.018 #
39)	L8 AR-1262-4	9.865	8.517	546.5E6	738.0E6	312.863	529.462 #
40)	L8 AR-1262-5	10.600	9.021	364.2E6	197.9E6	299.949	322.620
41)	L9 AR-1268-1	9.810	8.454	964.3E6	193.2E6	245.714	81.460 #
42)	L9 AR-1268-2	9.865	8.517	546.5E6	738.0E6	147.461	363.016 #
43)	L9 AR-1268-3	10.092f	8.717	20362175	31705909	6.375	17.824 #

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 Acq On : 08 Apr 2021 18:46
 Operator : DD\AJ
 Sample : M1959-11DL2 50X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

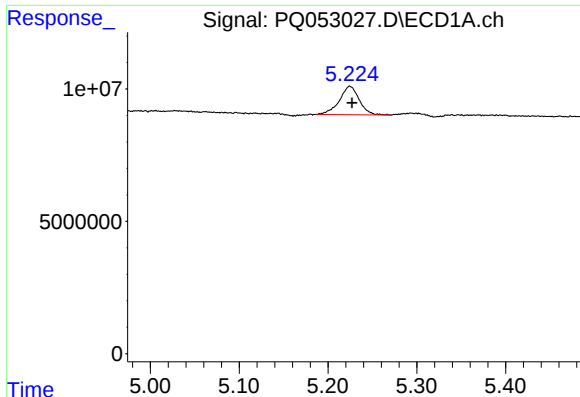
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 04:52:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 18 06:24:02 2021
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 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
44) L9	AR-1268-4	10.600	9.021	364.2E6	197.9E6	282.381	298.697
45) L9	AR-1268-5	11.045	9.319	77156673	35415528	7.196	7.344

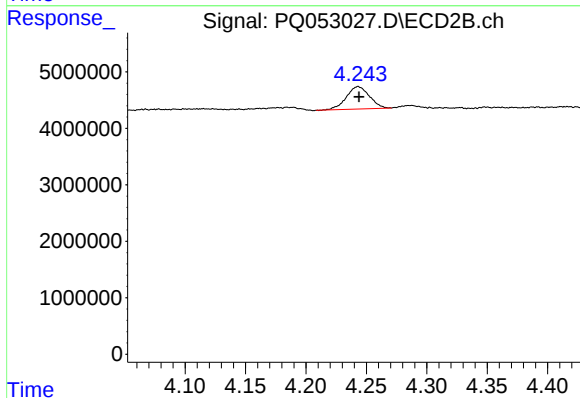
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

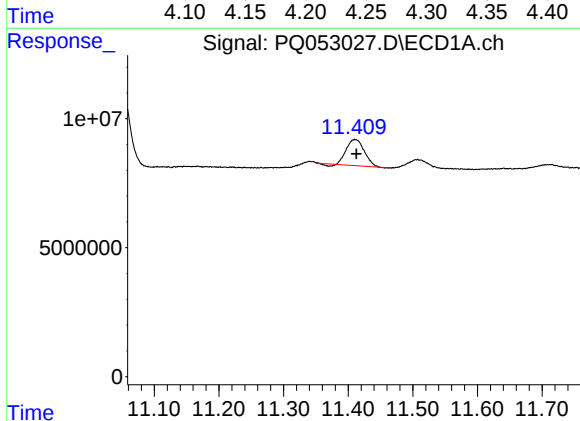
R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 16671581
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



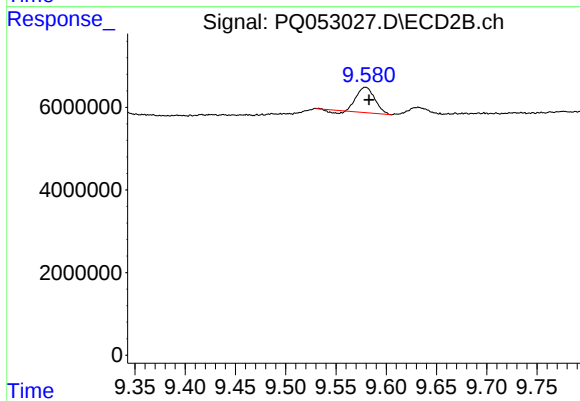
#1 Tetrachloro-m-xylene

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 5266017
Conc: 0.55 ng/ml



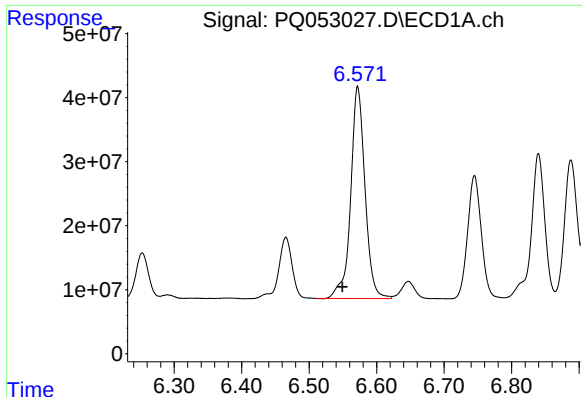
#2 Decachlorobiphenyl

R.T.: 11.411 min
Delta R.T.: -0.002 min
Response: 19065550
Conc: 0.77 ng/ml



#2 Decachlorobiphenyl

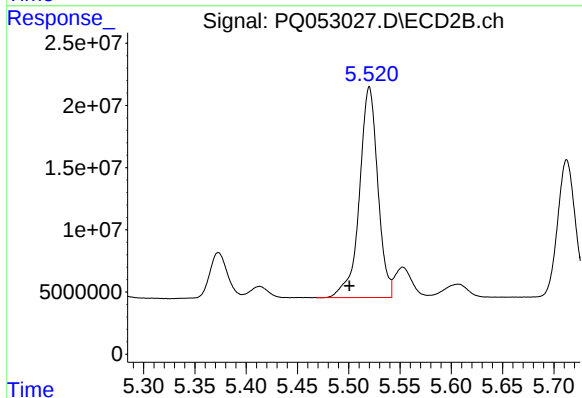
R.T.: 9.579 min
Delta R.T.: -0.004 min
Response: 7336361
Conc: 0.74 ng/ml



#3 AR-1016-1

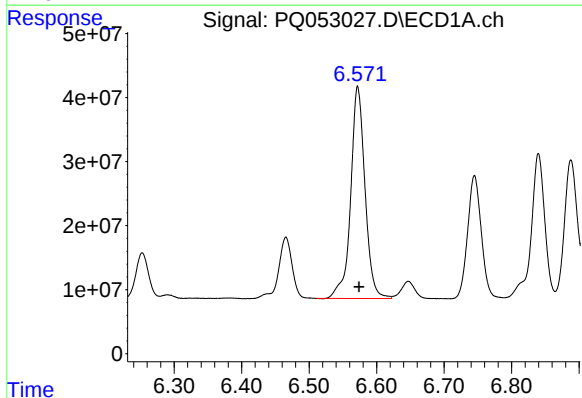
R.T.: 6.572 min
Delta R.T.: 0.023 min
Response: 489028061
Conc: 569.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



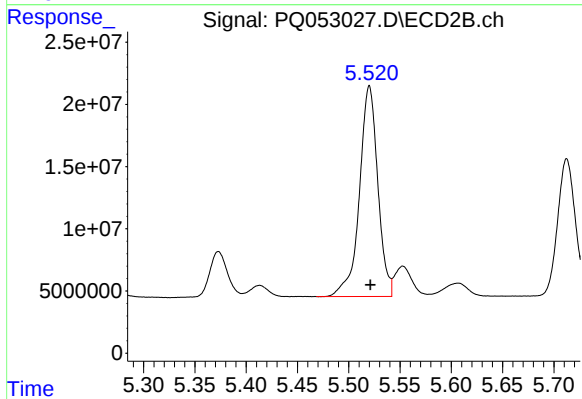
#3 AR-1016-1

R.T.: 5.520 min
Delta R.T.: 0.019 min
Response: 211142964
Conc: 544.79 ng/ml



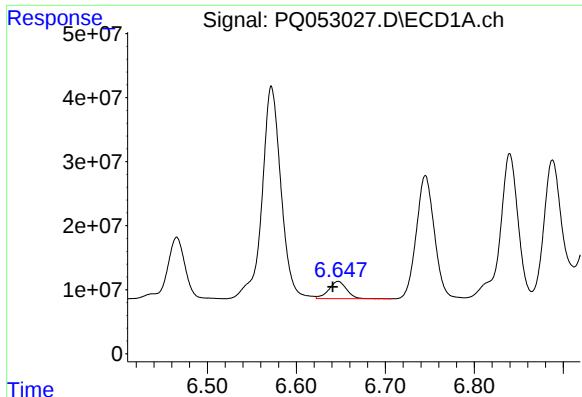
#4 AR-1016-2

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 489028061
Conc: 383.17 ng/ml



#4 AR-1016-2

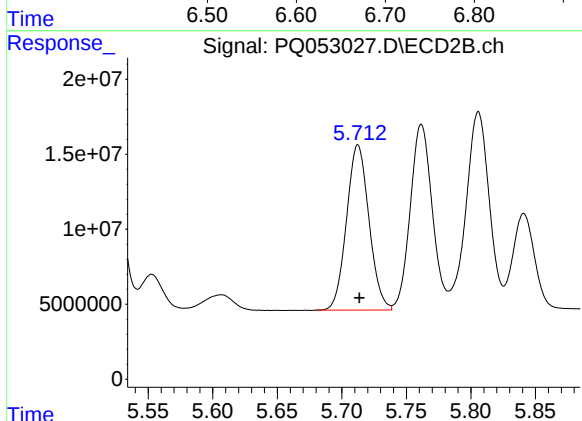
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 211142964
Conc: 380.56 ng/ml



#5 AR-1016-3

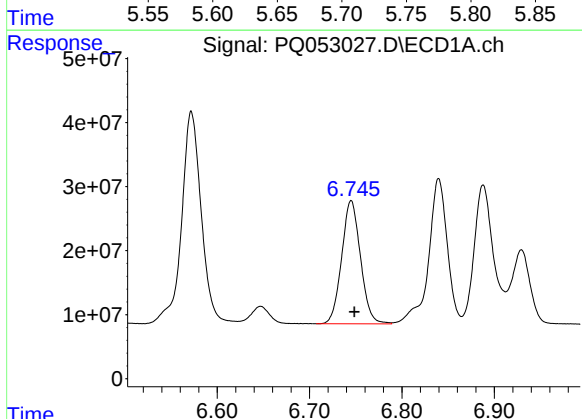
R.T.: 6.647 min
Delta R.T.: 0.006 min
Response: 37984570
Conc: 50.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



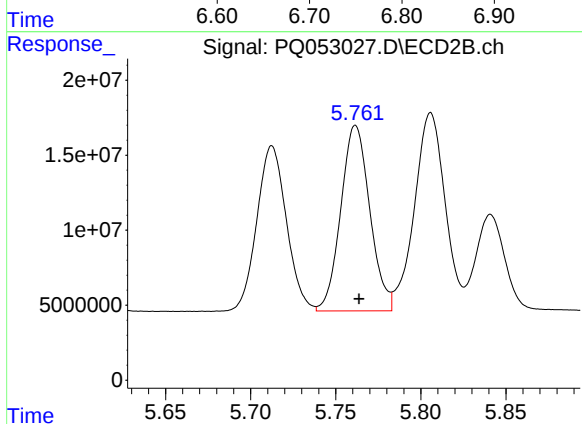
#5 AR-1016-3

R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 133296401
Conc: 468.78 ng/ml



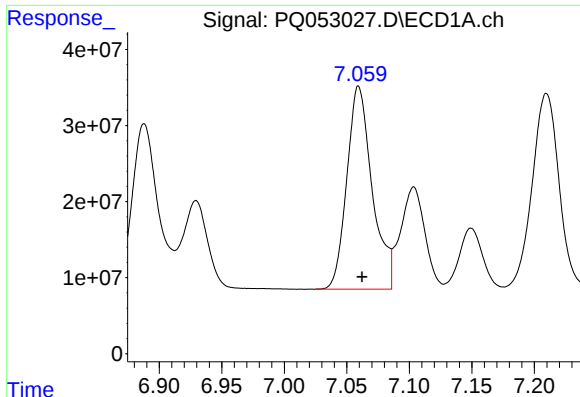
#6 AR-1016-4

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 272604666
Conc: 428.38 ng/ml



#6 AR-1016-4

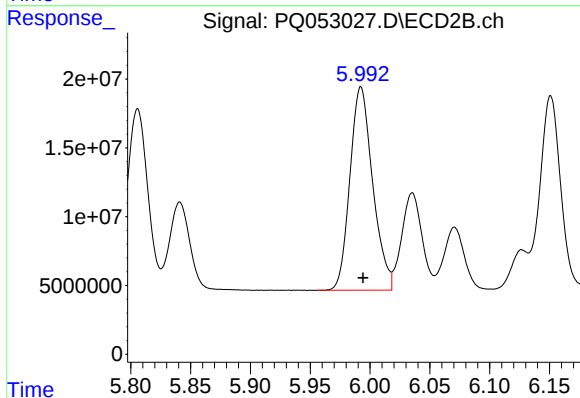
R.T.: 5.762 min
Delta R.T.: -0.002 min
Response: 147050656
Conc: 655.20 ng/ml



#7 AR-1016-5

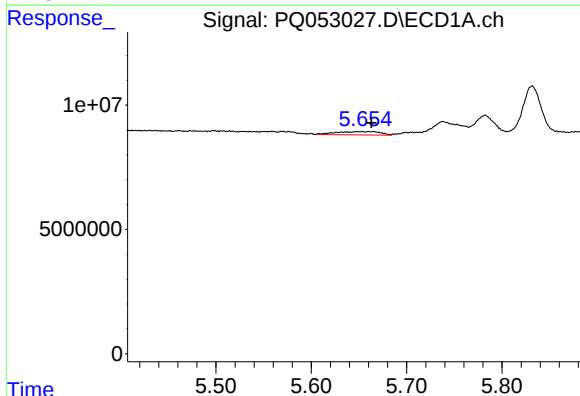
R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 375999006
Conc: 616.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



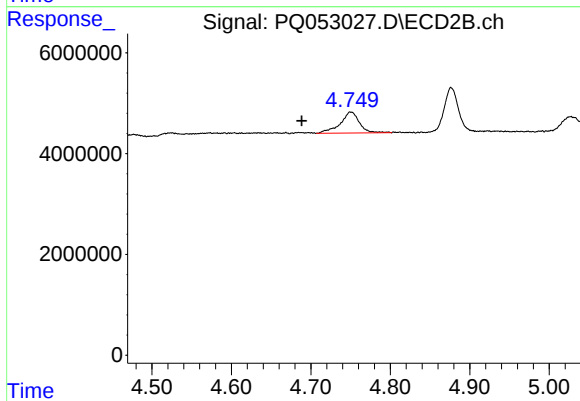
#7 AR-1016-5

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 195449907
Conc: 681.36 ng/ml



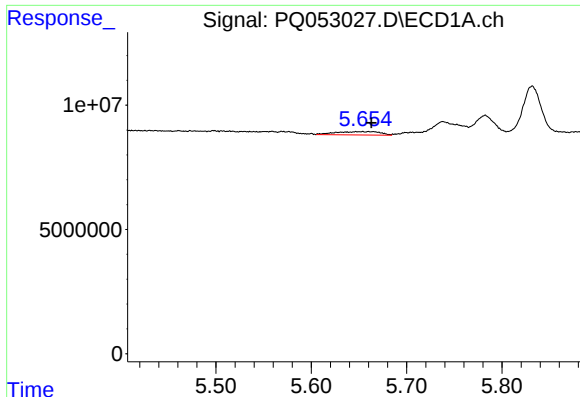
#10 AR-1221-3

R.T.: 5.654 min
Delta R.T.: -0.009 min
Response: 4420931
Conc: 7.66 ng/ml



#10 AR-1221-3

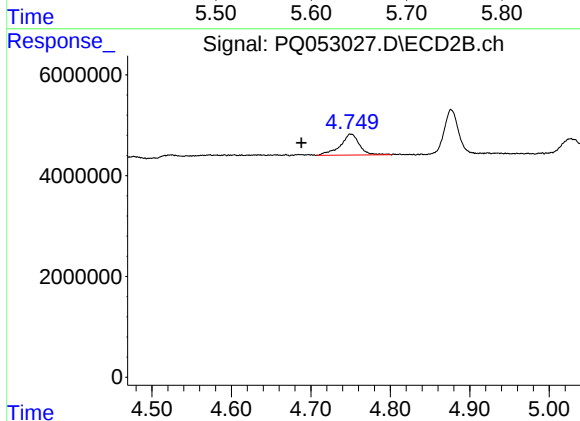
R.T.: 4.750 min
Delta R.T.: 0.062 min
Response: 7055472
Conc: 27.80 ng/ml



#11 AR-1232-1

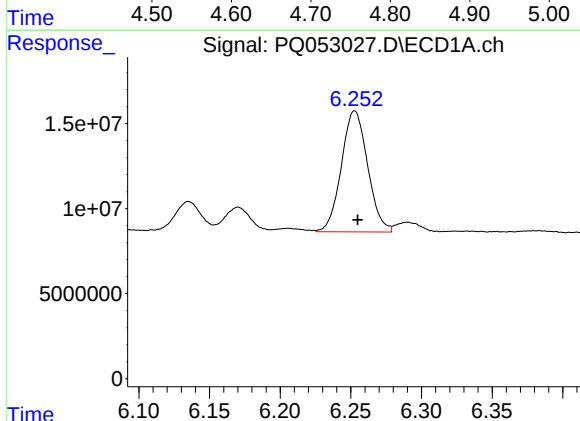
R.T.: 5.654 min
Delta R.T.: -0.009 min
Response: 4420931
Conc: 9.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



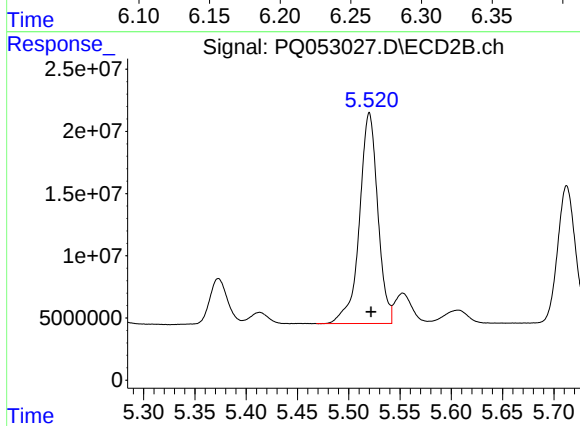
#11 AR-1232-1

R.T.: 4.750 min
Delta R.T.: 0.062 min
Response: 7055472
Conc: 33.69 ng/ml



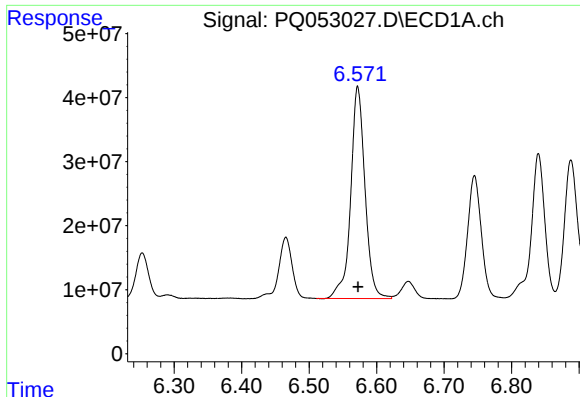
#12 AR-1232-2

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 92343860
Conc: 365.15 ng/ml



#12 AR-1232-2

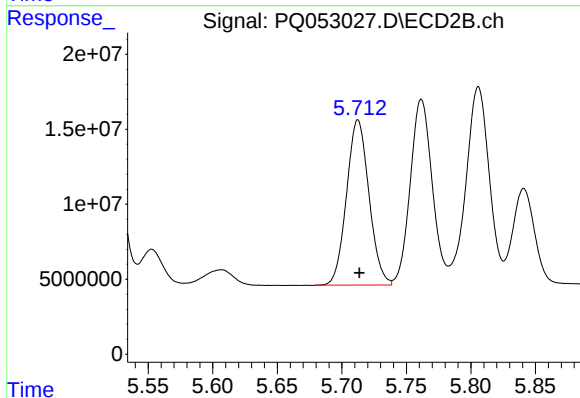
R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 211142964
Conc: 905.06 ng/ml



#13 AR-1232-3

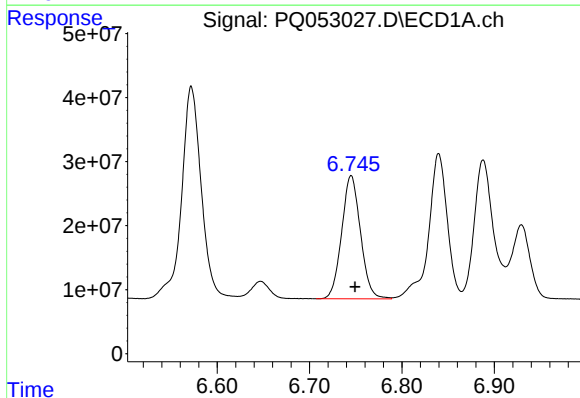
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 489028061
Conc: 908.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



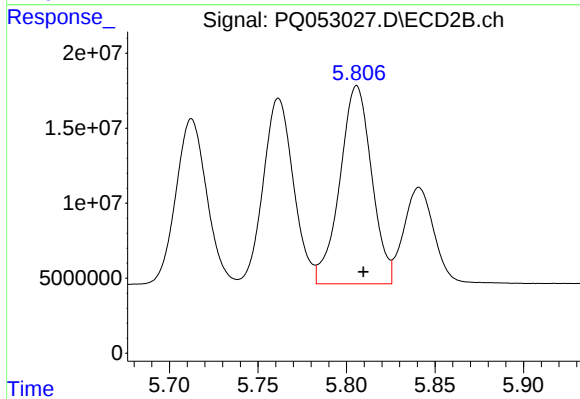
#13 AR-1232-3

R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 133296401
Conc: 1139.04 ng/ml



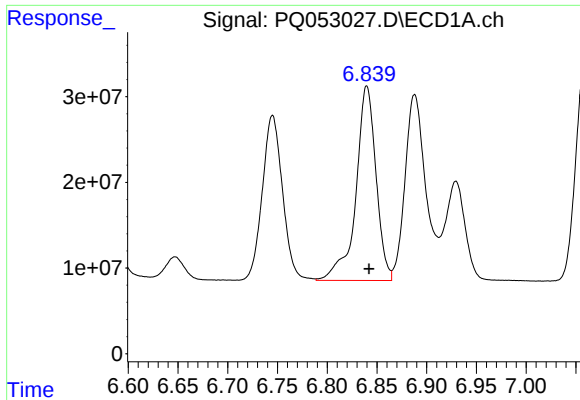
#14 AR-1232-4

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 272604666
Conc: 1017.34 ng/ml



#14 AR-1232-4

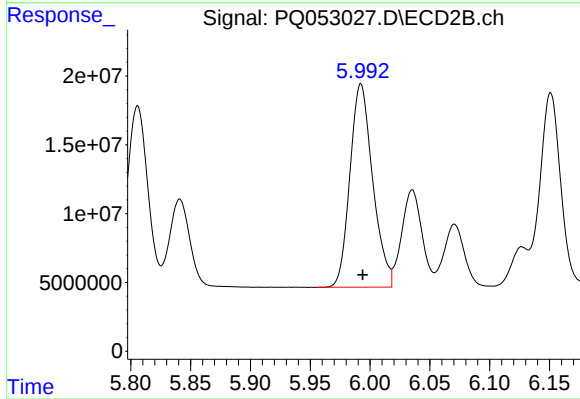
R.T.: 5.806 min
Delta R.T.: -0.004 min
Response: 165146691
Conc: 1662.09 ng/ml



#15 AR-1232-5

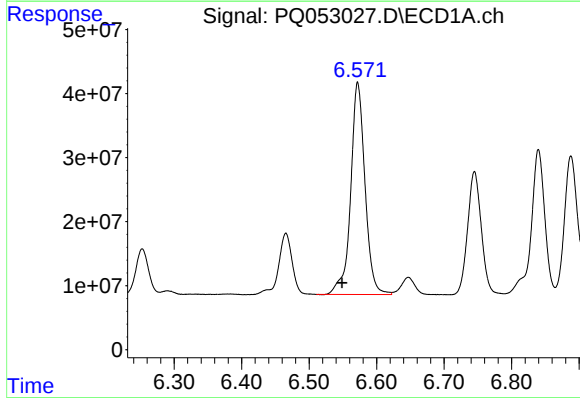
R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 320124123
Conc: 1630.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



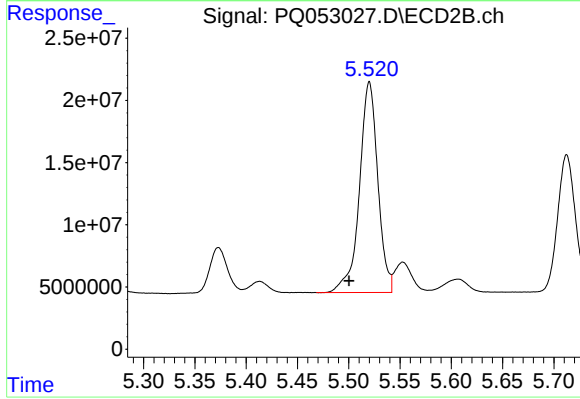
#15 AR-1232-5

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 195449907
Conc: 1769.93 ng/ml



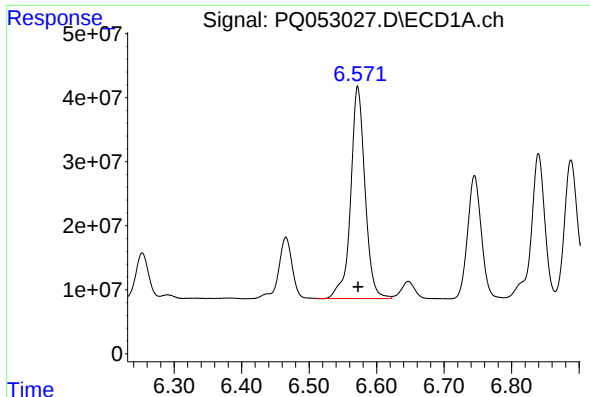
#16 AR-1242-1

R.T.: 6.572 min
Delta R.T.: 0.023 min
Response: 489028061
Conc: 613.52 ng/ml



#16 AR-1242-1

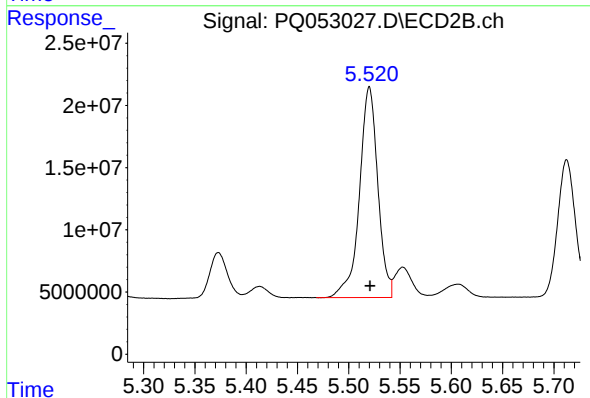
R.T.: 5.520 min
Delta R.T.: 0.020 min
Response: 211142964
Conc: 597.81 ng/ml



#17 AR-1242-2

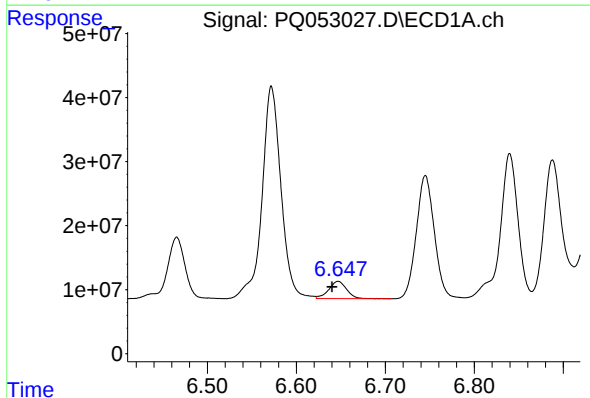
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 489028061
Conc: 415.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



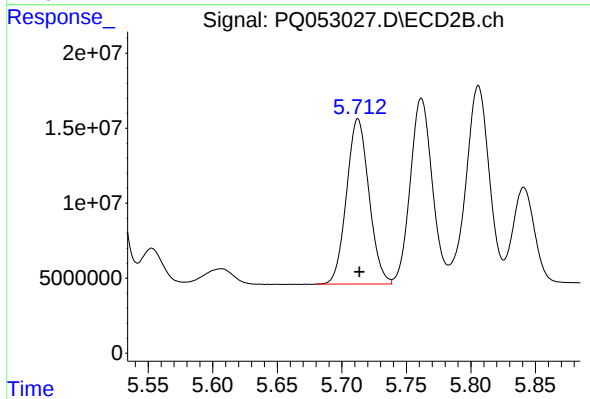
#17 AR-1242-2

R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 211142964
Conc: 421.40 ng/ml



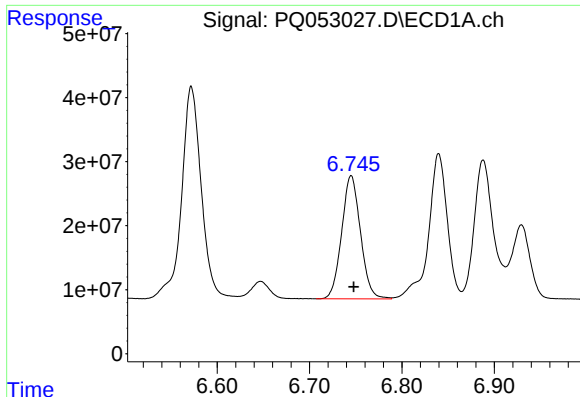
#18 AR-1242-3

R.T.: 6.647 min
Delta R.T.: 0.007 min
Response: 37984570
Conc: 53.76 ng/ml



#18 AR-1242-3

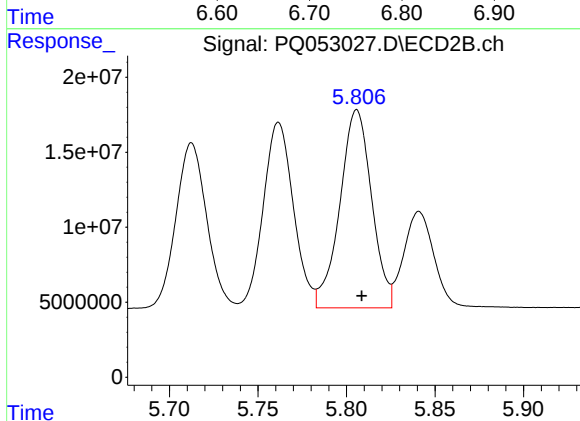
R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 133296401
Conc: 512.85 ng/ml



#19 AR-1242-4

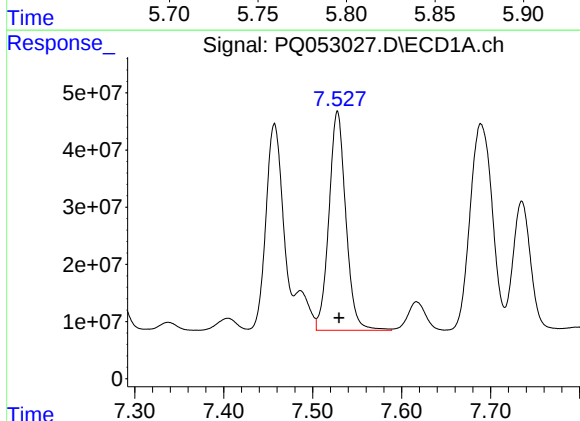
R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 272604666
Conc: 463.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



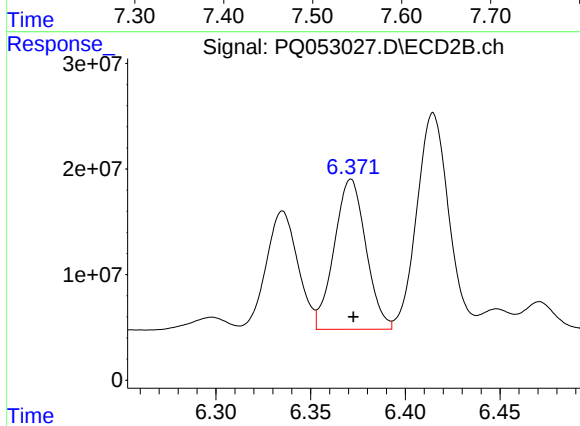
#19 AR-1242-4

R.T.: 5.806 min
Delta R.T.: -0.003 min
Response: 165146691
Conc: 672.63 ng/ml



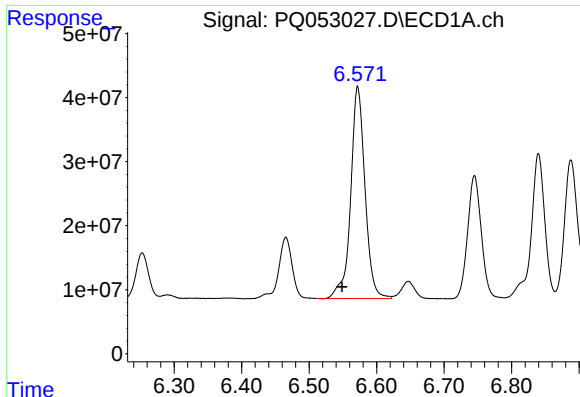
#20 AR-1242-5

R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 505212873
Conc: 754.06 ng/ml



#20 AR-1242-5

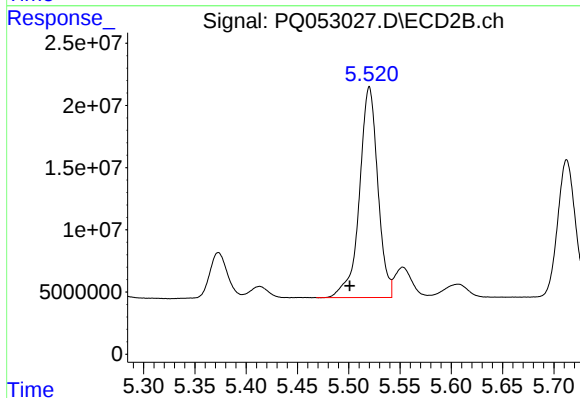
R.T.: 6.371 min
Delta R.T.: -0.001 min
Response: 165961238
Conc: 477.68 ng/ml



#21 AR-1248-1

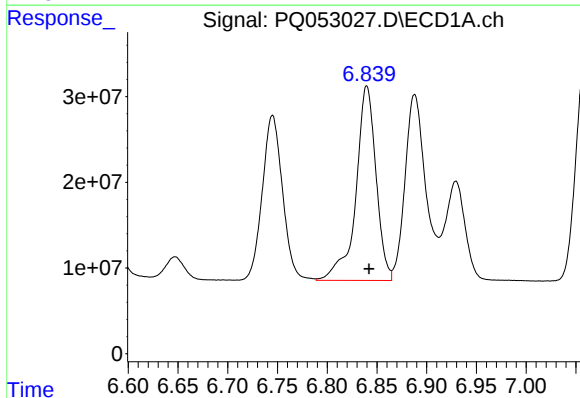
R.T.: 6.572 min
Delta R.T.: 0.023 min
Response: 489028061
Conc: 891.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



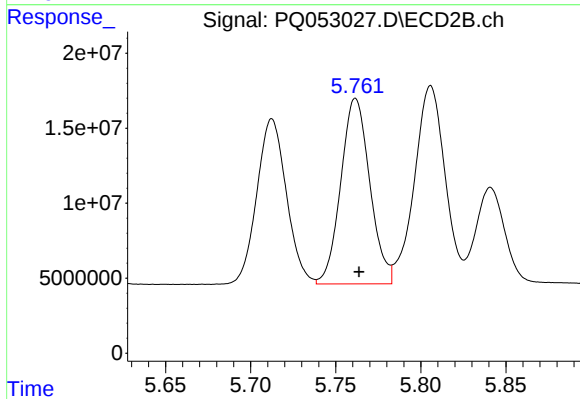
#21 AR-1248-1

R.T.: 5.520 min
Delta R.T.: 0.019 min
Response: 211142964
Conc: 863.50 ng/ml



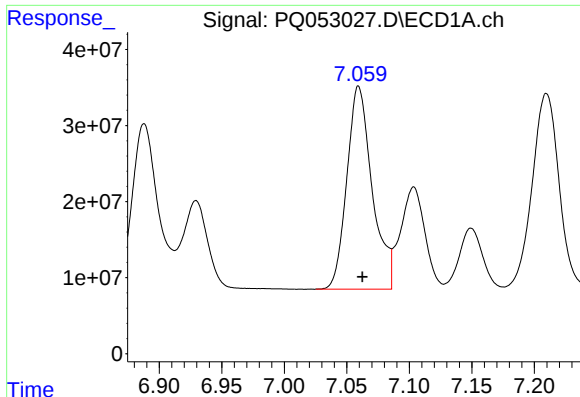
#22 AR-1248-2

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 320124123
Conc: 411.00 ng/ml



#22 AR-1248-2

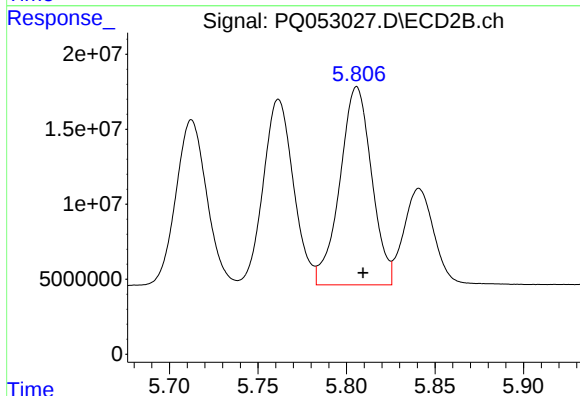
R.T.: 5.762 min
Delta R.T.: -0.002 min
Response: 147050656
Conc: 443.16 ng/ml



#23 AR-1248-3

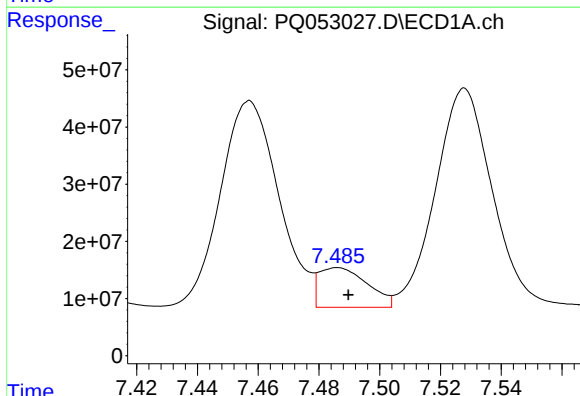
R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 375999006
Conc: 421.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



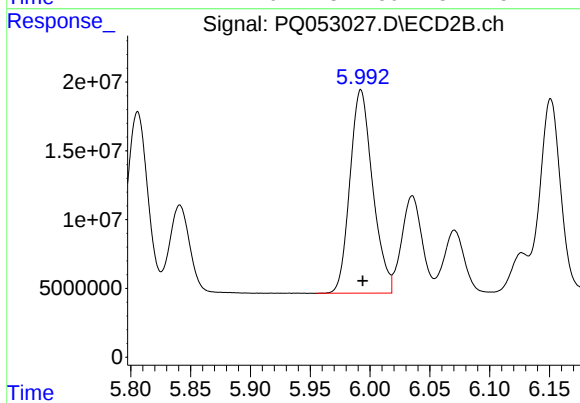
#23 AR-1248-3

R.T.: 5.806 min
Delta R.T.: -0.004 min
Response: 165146691
Conc: 480.71 ng/ml



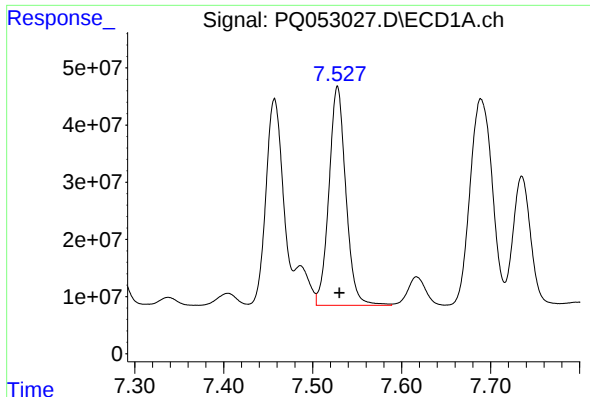
#24 AR-1248-4

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 76755252
Conc: 71.75 ng/ml



#24 AR-1248-4

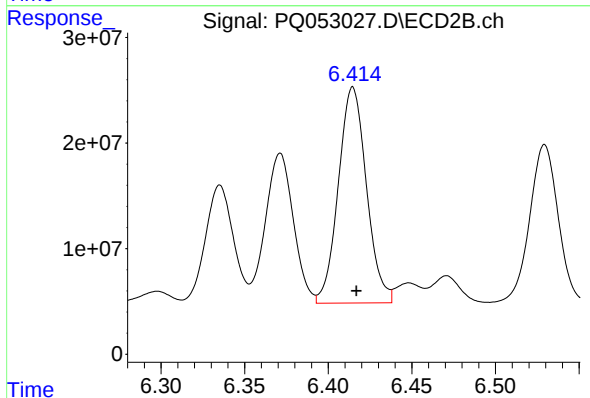
R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 195449907
Conc: 471.70 ng/ml



#25 AR-1248-5

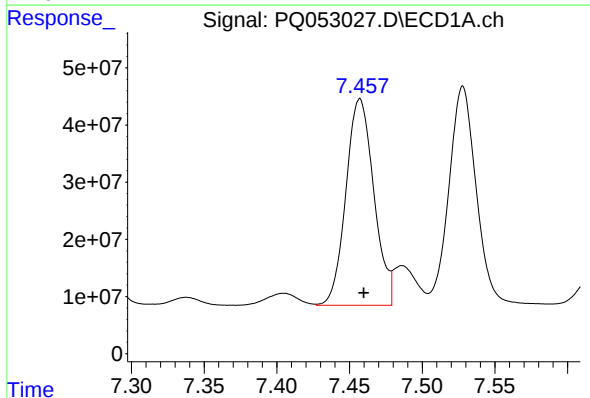
R.T.: 7.528 min
Delta R.T.: -0.002 min
Response: 505212873
Conc: 475.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



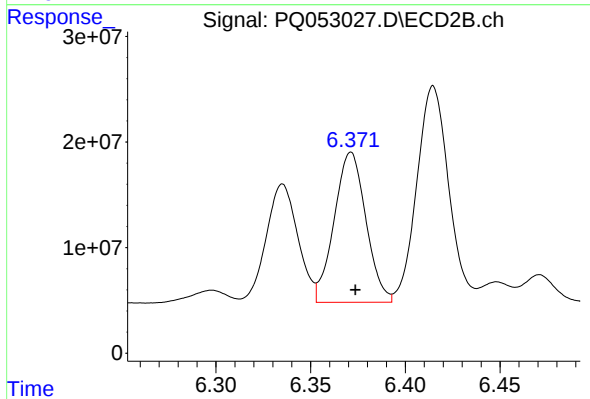
#25 AR-1248-5

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 239455271
Conc: 536.67 ng/ml



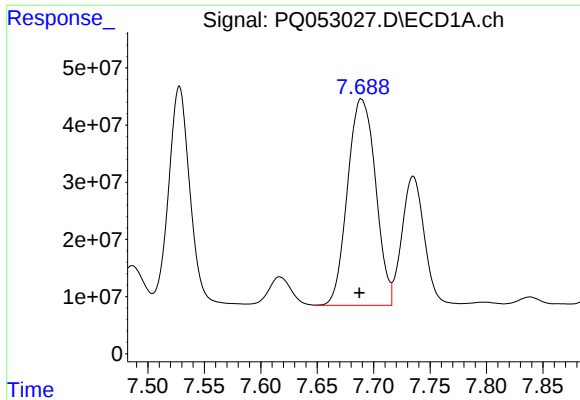
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 482795412
Conc: 355.30 ng/ml



#26 AR-1254-1

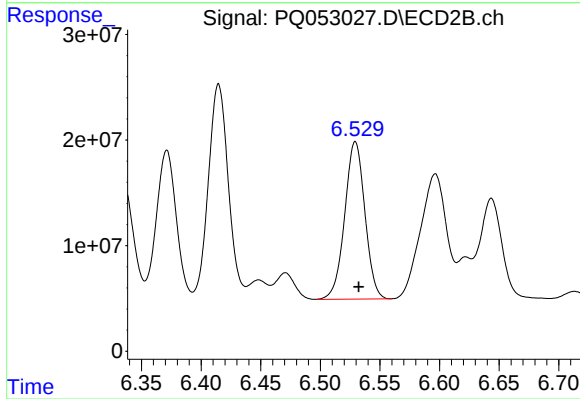
R.T.: 6.371 min
Delta R.T.: -0.002 min
Response: 165961238
Conc: 185.06 ng/ml



#27 AR-1254-2

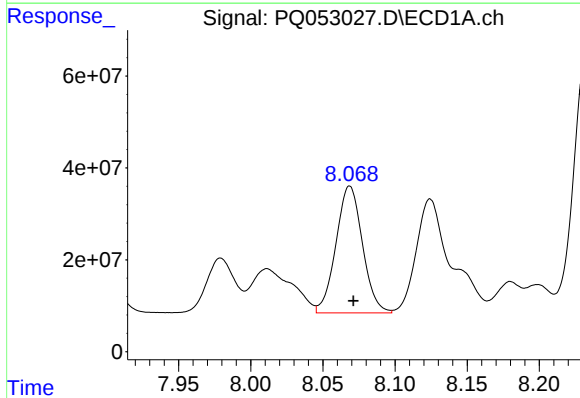
R.T.: 7.689 min
Delta R.T.: 0.002 min
Response: 624167431
Conc: 292.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



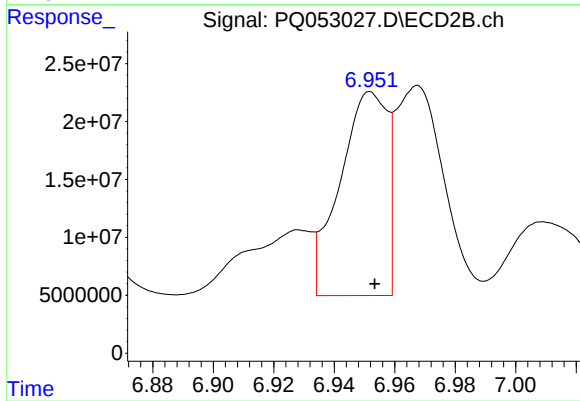
#27 AR-1254-2

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 175652936
Conc: 221.74 ng/ml



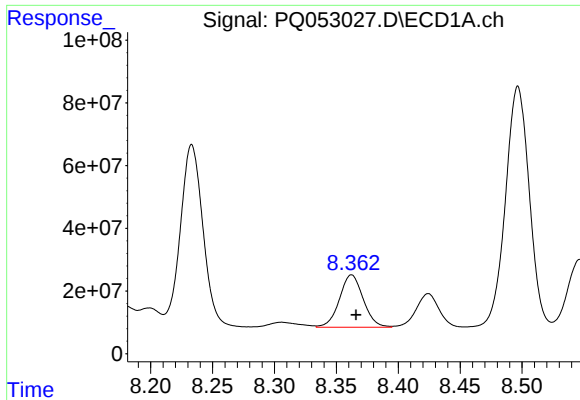
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 353871912
Conc: 150.97 ng/ml



#28 AR-1254-3

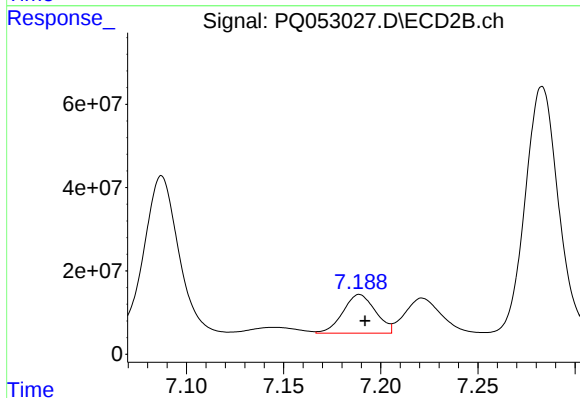
R.T.: 6.952 min
Delta R.T.: -0.001 min
Response: 190523296
Conc: 146.90 ng/ml



#29 AR-1254-4

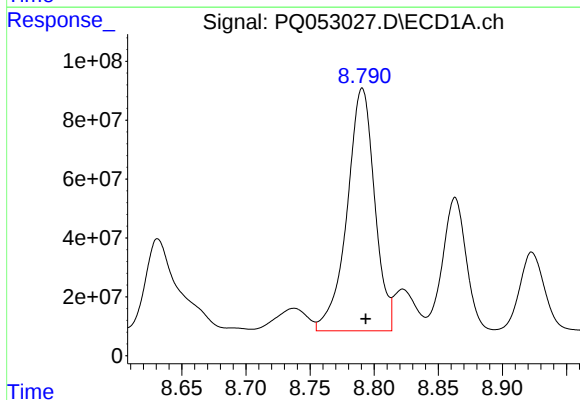
R.T.: 8.362 min
Delta R.T.: -0.004 min
Response: 223479888
Conc: 129.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



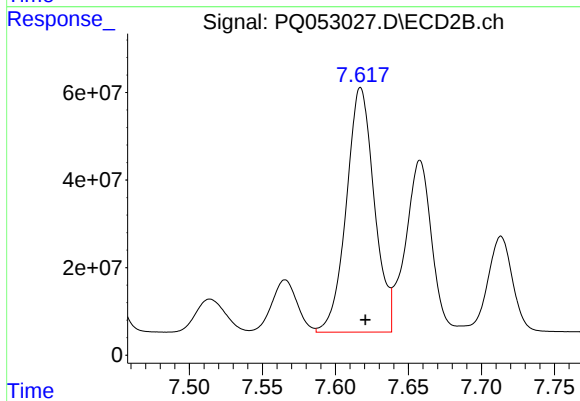
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 108208060
Conc: 121.60 ng/ml



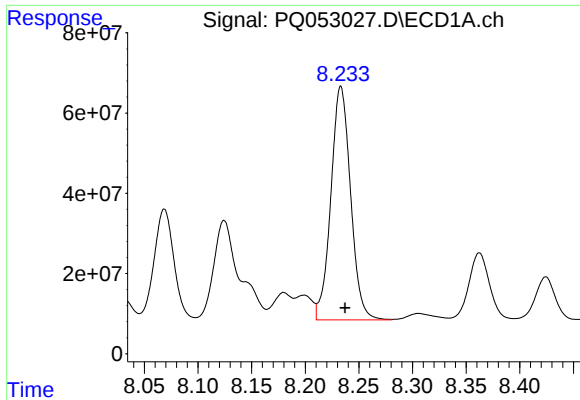
#30 AR-1254-5

R.T.: 8.791 min
Delta R.T.: -0.003 min
Response: 1234943595
Conc: 673.13 ng/ml



#30 AR-1254-5

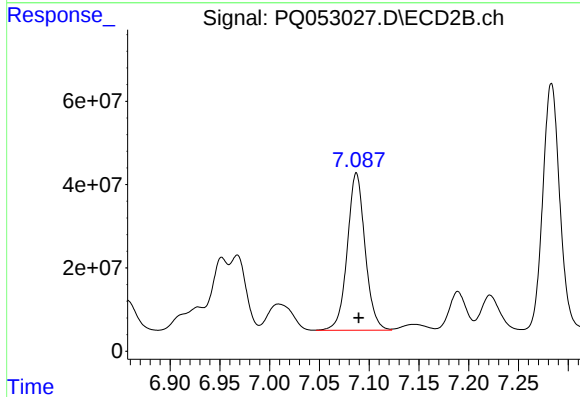
R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 743965178
Conc: 621.91 ng/ml



#31 AR-1260-1

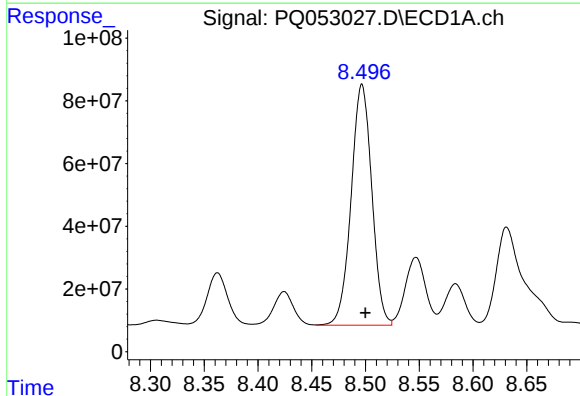
R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 745220498
Conc: 691.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



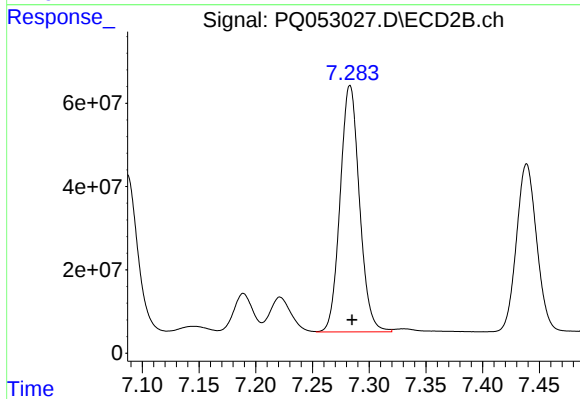
#31 AR-1260-1

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 470033215
Conc: 813.07 ng/ml



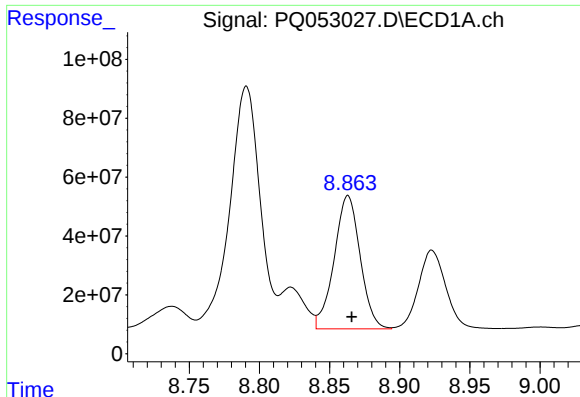
#32 AR-1260-2

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 1028643457
Conc: 782.81 ng/ml



#32 AR-1260-2

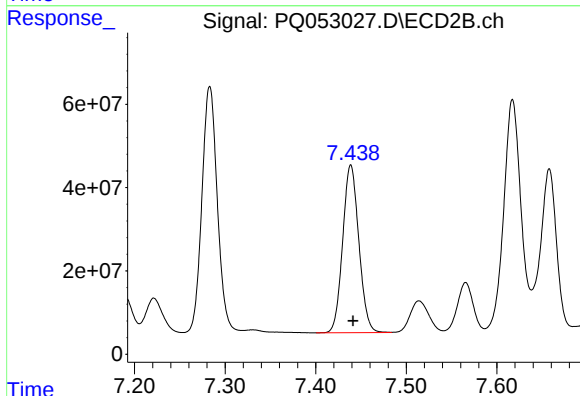
R.T.: 7.283 min
Delta R.T.: -0.002 min
Response: 702926994
Conc: 881.29 ng/ml



#33 AR-1260-3

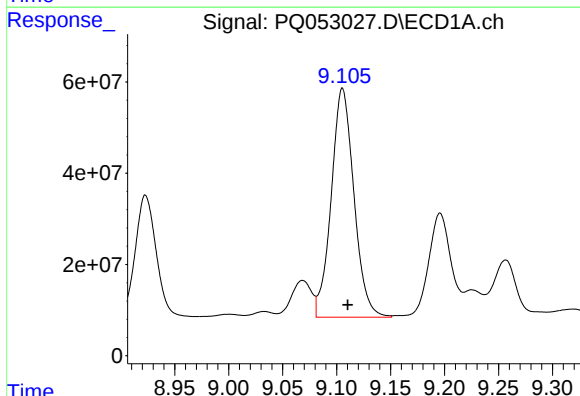
R.T.: 8.863 min
Delta R.T.: -0.003 min
Response: 584923478
Conc: 582.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



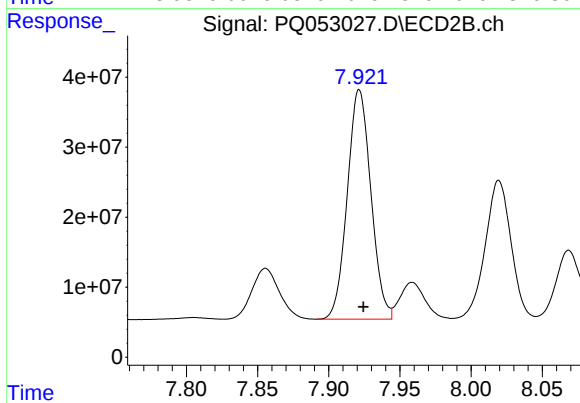
#33 AR-1260-3

R.T.: 7.439 min
Delta R.T.: -0.003 min
Response: 499367316
Conc: 757.64 ng/ml



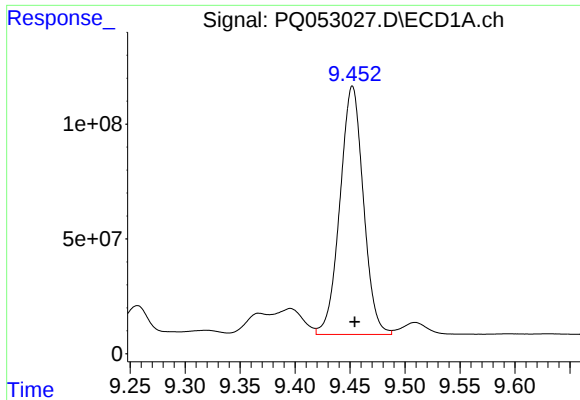
#34 AR-1260-4

R.T.: 9.105 min
Delta R.T.: -0.005 min
Response: 734375433
Conc: 642.62 ng/ml



#34 AR-1260-4

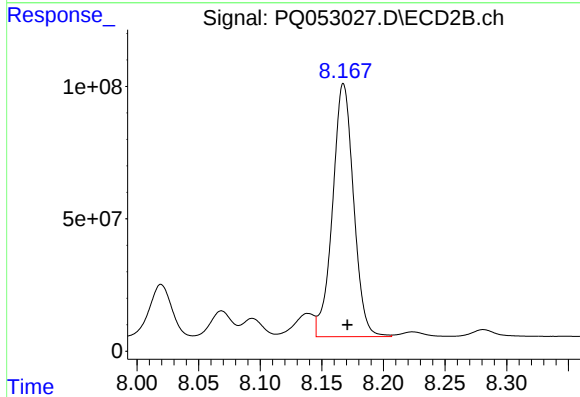
R.T.: 7.921 min
Delta R.T.: -0.003 min
Response: 379207555
Conc: 672.46 ng/ml



#35 AR-1260-5

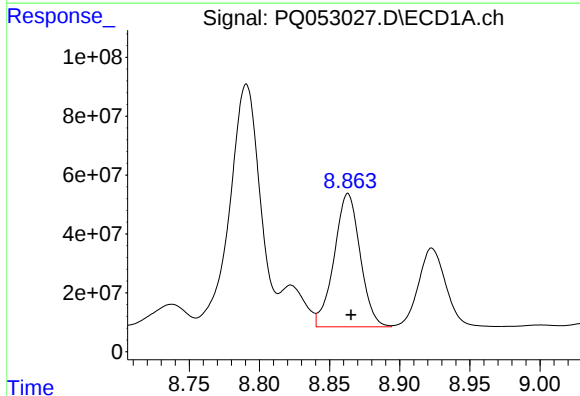
R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 1603408944
Conc: 674.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



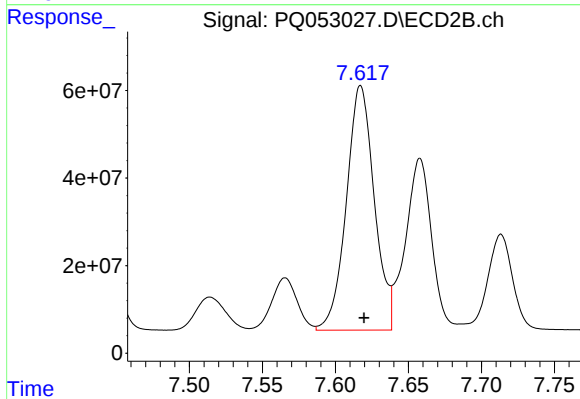
#35 AR-1260-5

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 1135472641
Conc: 741.98 ng/ml



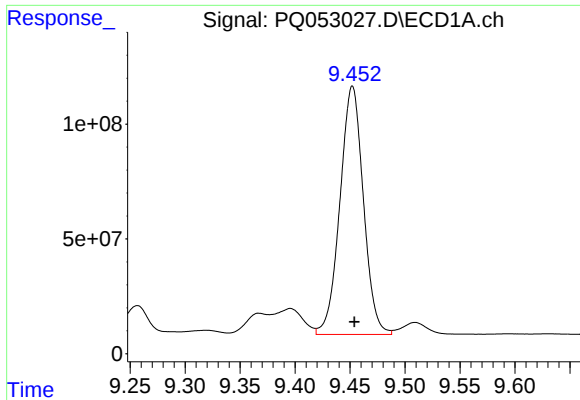
#36 AR-1262-1

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 584923478
Conc: 322.24 ng/ml



#36 AR-1262-1

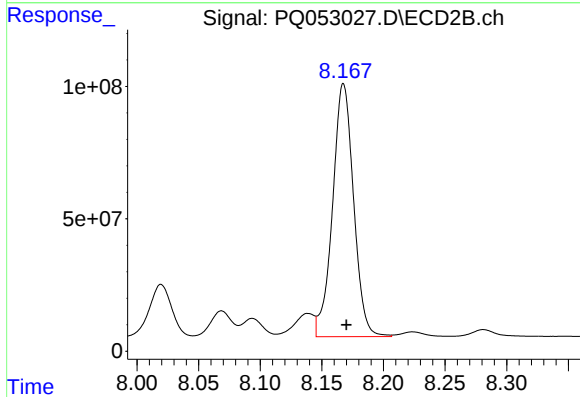
R.T.: 7.617 min
Delta R.T.: -0.002 min
Response: 743965178
Conc: 1477.10 ng/ml



#37 AR-1262-2

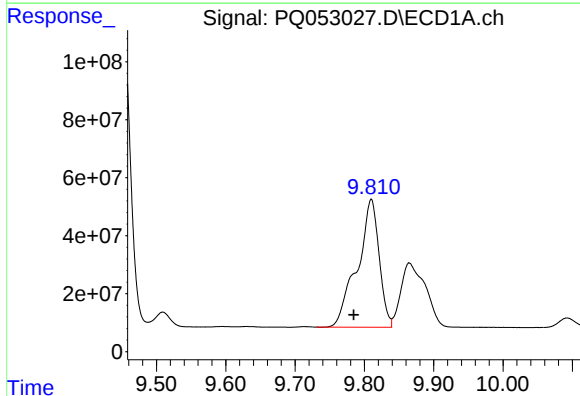
R.T.: 9.452 min
Delta R.T.: -0.002 min
Response: 1603408944
Conc: 478.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



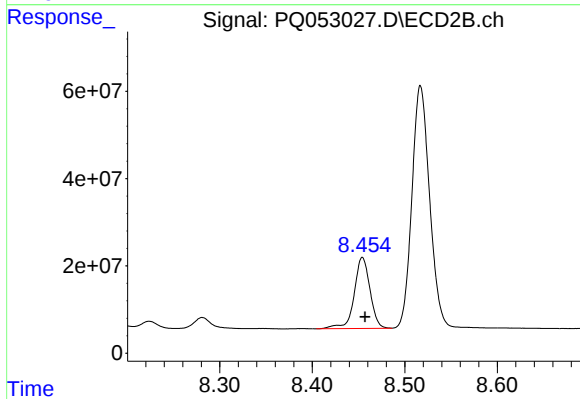
#37 AR-1262-2

R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 1135472641
Conc: 545.83 ng/ml



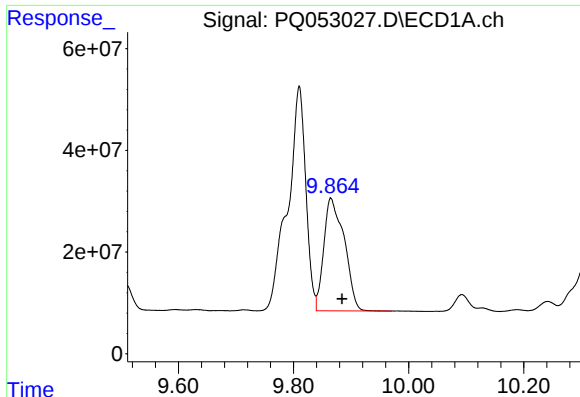
#38 AR-1262-3

R.T.: 9.810 min
Delta R.T.: 0.025 min
Response: 964288368
Conc: 434.58 ng/ml



#38 AR-1262-3

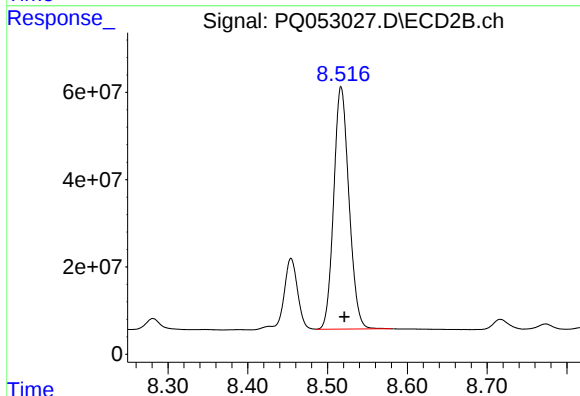
R.T.: 8.454 min
Delta R.T.: -0.003 min
Response: 193203096
Conc: 239.02 ng/ml



#39 AR-1262-4

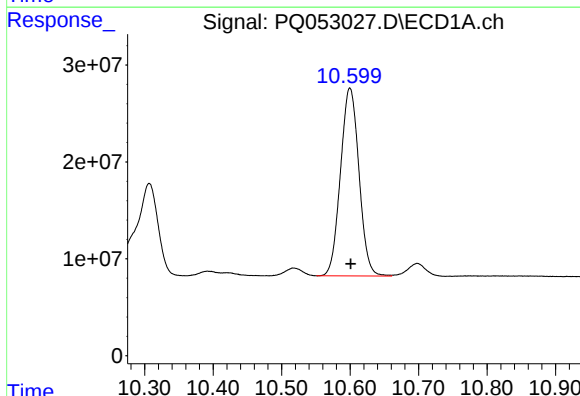
R.T.: 9.865 min
Delta R.T.: -0.020 min
Response: 546526702
Conc: 312.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



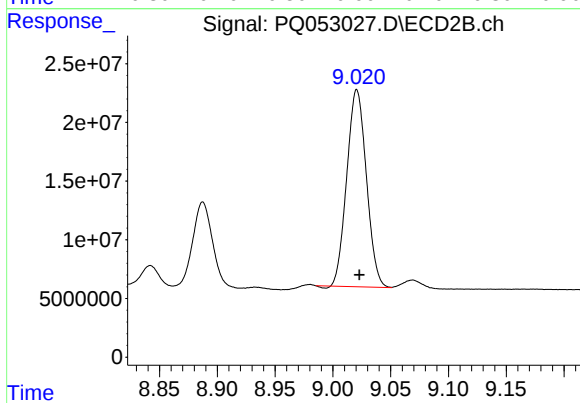
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: -0.004 min
Response: 737993174
Conc: 529.46 ng/ml



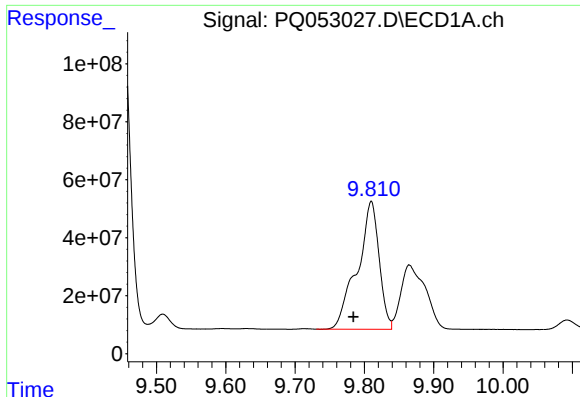
#40 AR-1262-5

R.T.: 10.600 min
Delta R.T.: -0.001 min
Response: 364162334
Conc: 299.95 ng/ml



#40 AR-1262-5

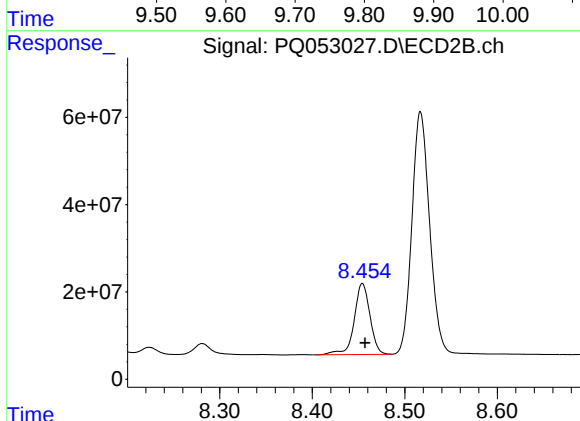
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 197905667
Conc: 322.62 ng/ml



#41 AR-1268-1

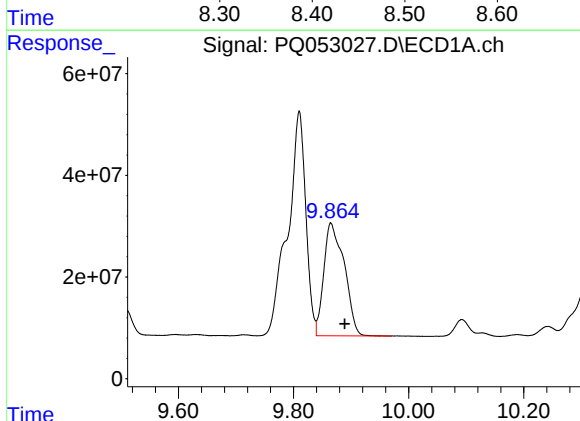
R.T.: 9.810 min
Delta R.T.: 0.025 min
Response: 964288368
Conc: 245.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



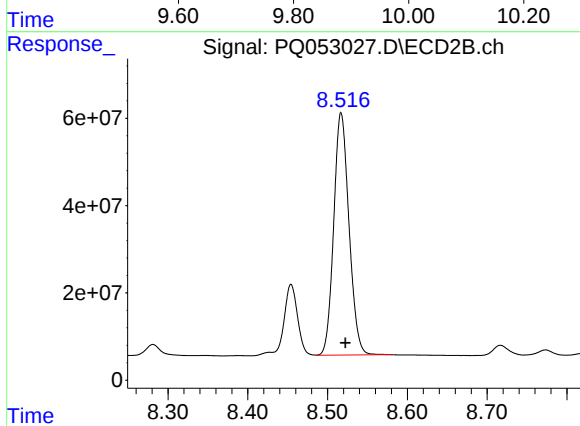
#41 AR-1268-1

R.T.: 8.454 min
Delta R.T.: -0.003 min
Response: 193203096
Conc: 81.46 ng/ml



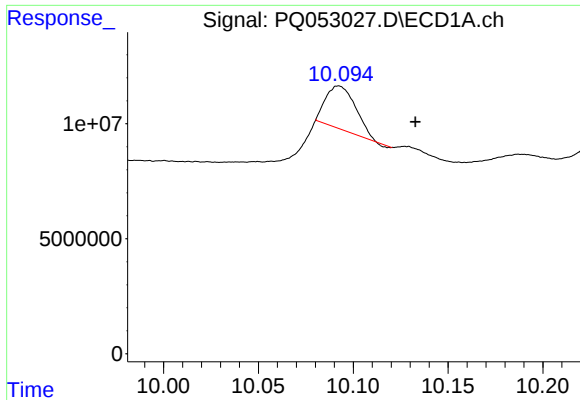
#42 AR-1268-2

R.T.: 9.865 min
Delta R.T.: -0.024 min
Response: 546526702
Conc: 147.46 ng/ml



#42 AR-1268-2

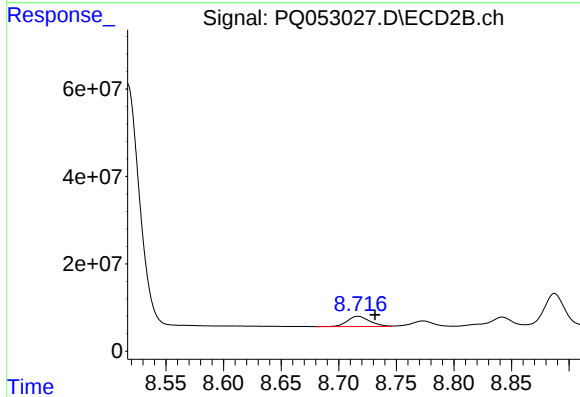
R.T.: 8.517 min
Delta R.T.: -0.006 min
Response: 737993174
Conc: 363.02 ng/ml



#43 AR-1268-3

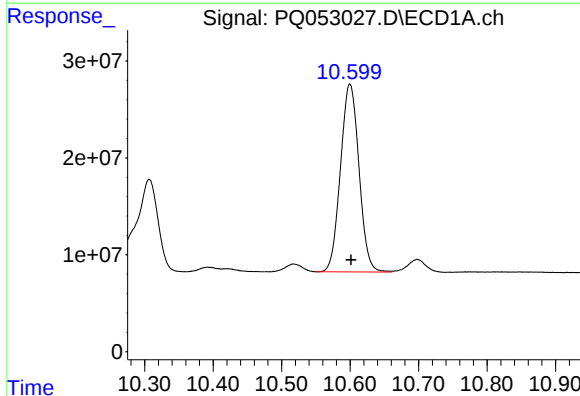
R.T.: 10.092 min
Delta R.T.: -0.040 min
Response: 20362175
Conc: 6.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



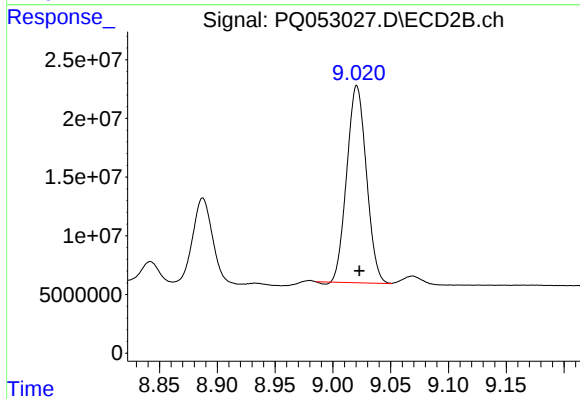
#43 AR-1268-3

R.T.: 8.717 min
Delta R.T.: -0.015 min
Response: 31705909
Conc: 17.82 ng/ml



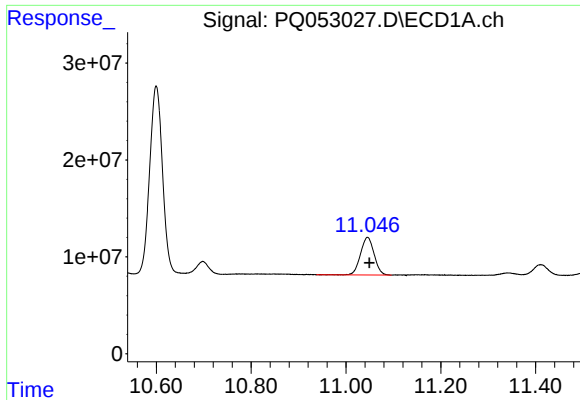
#44 AR-1268-4

R.T.: 10.600 min
Delta R.T.: -0.002 min
Response: 364162334
Conc: 282.38 ng/ml



#44 AR-1268-4

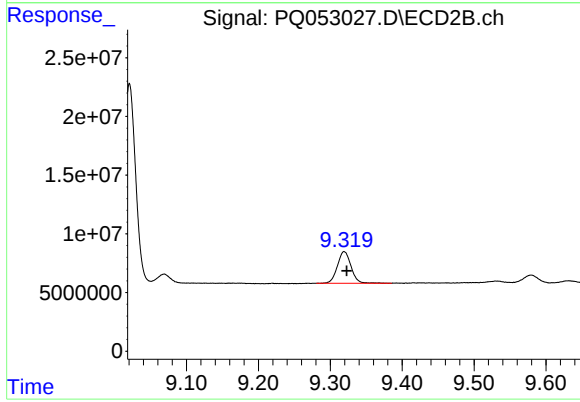
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 197905667
Conc: 298.70 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.004 min
Response: 77156673
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.319 min
Delta R.T.: -0.004 min
Response: 35415528
Conc: 7.34 ng/ml