

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 17:20
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 17:32:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 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...	3.459	2.777	214.7E6	205.4E6	50.359	55.860
2)	SA Decachlor...	8.694	7.574	135.0E6	201.4E6	41.826	42.983
Target Compounds							
3)	L1 AR-1016-1	4.574	3.787	69988199	65864300	507.860	522.824
4)	L1 AR-1016-2	4.593	3.802	105.3E6	97724002	498.688	539.374
5)	L1 AR-1016-3	4.652	3.964	64705953	51689133	485.859	530.418
6)	L1 AR-1016-4	4.744	4.013	51523918	44120876	490.058	522.964
7)	L1 AR-1016-5	5.034	4.209	50089168	52481919	472.789	524.761
8)	L2 AR-1221-1	3.659	2.980	7113580	7859846	131.461	152.524
9)	L2 AR-1221-2	3.742	3.058	10046429	10527062	275.020	301.918
10)	L2 AR-1221-3	3.813	3.126	38777413	40507659	326.529	367.239
11)	L3 AR-1232-1	3.813	3.126	38777413	40507659	414.587	467.815
12)	L3 AR-1232-2	4.313	3.802	56888984	97724002	1083.248	1228.591
13)	L3 AR-1232-3	4.593	3.964	105.3E6	51689133	1171.068	1248.551
14)	L3 AR-1232-4	4.744	4.050	51523918	47998664	1178.357	1321.673
15)	L3 AR-1232-5	4.843	4.209	41503084	52481919	1241.111	1249.053
16)	L4 AR-1242-1	4.574	3.787	69988199	65864300	621.101	640.287
17)	L4 AR-1242-2	4.593	3.802	105.3E6	97724002	622.880	662.214
18)	L4 AR-1242-3	4.652	3.964	64705953	51689133	613.061	649.725
19)	L4 AR-1242-4	4.744	4.050	51523918	47998664	607.252	632.512
20)	L4 AR-1242-5	5.468	4.547	7445412	43327637	84.203	430.718 #
21)	L5 AR-1248-1	4.574	3.787	69988199	65864300	840.642	844.695
22)	L5 AR-1248-2	4.843	4.013	41503084	44120876	341.951	372.195
23)	L5 AR-1248-3	5.034	4.050	50089168	47998664	345.936	426.037
24)	L5 AR-1248-4	5.431	4.209	9079864	52481919	58.590	381.249 #
25)	L5 AR-1248-5	5.468	4.585	7445412	7898907	48.693	58.829
26)	L6 AR-1254-1	5.405	4.547	40221487	43327637	256.270	222.921
27)	L6 AR-1254-2	5.625	4.695	45157330	40539982	190.412	232.715
28)	L6 AR-1254-3	5.979	5.078	22637719	19847595	91.303	74.149
29)	L6 AR-1254-4	6.263	5.306	13718811	8805060	75.702	50.191 #
30)	L6 AR-1254-5	6.680	5.713	128.8E6	141.1E6	645.580	553.487
31)	L7 AR-1260-1	6.145	5.209	93570271	98240861	457.049	496.682
32)	L7 AR-1260-2	6.406	5.399	109.8E6	117.8E6	454.570	493.499
33)	L7 AR-1260-3	6.762	5.541	69409640	110.7E6	431.246	490.160
34)	L7 AR-1260-4	6.981	6.005	81344090	78865417	440.911	458.356
35)	L7 AR-1260-5	7.294	6.251	152.1E6	176.8E6	427.856	443.154
36)	L8 AR-1262-1	6.762	5.807	69409640	43094835	265.595	393.634 #
37)	L8 AR-1262-2	7.294	6.005	152.1E6	78865417	357.492	319.269
38)	L8 AR-1262-3	7.573	6.531	91358815	39694608	318.850	195.934 #
39)	L8 AR-1262-4	7.645	6.590	52518963	141.6E6	228.883	379.928 #
40)	L8 AR-1262-5	8.154	7.088	33828712	43559470	237.483	240.915
41)	L9 AR-1268-1	7.573	6.531	91358815	39694608	184.747	69.182 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111323\
 Data File : PQ064028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 17:20
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

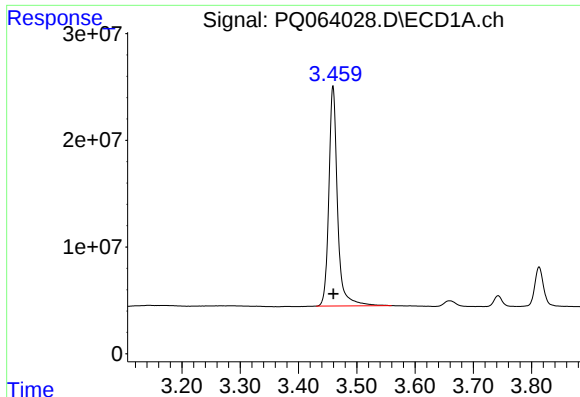
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 17:32:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 08 18:43:53 2023
 Response via : Initial Calibration
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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	7.645	6.590	52518963	141.6E6	117.277	272.722 #
43) L9	AR-1268-3	7.830	6.795	2753025	3211918	7.057	6.927
44) L9	AR-1268-4	8.154	7.088	33828712	43559470	216.388	223.010
45) L9	AR-1268-5	8.455	7.357	11811221	19355535	10.475	12.647

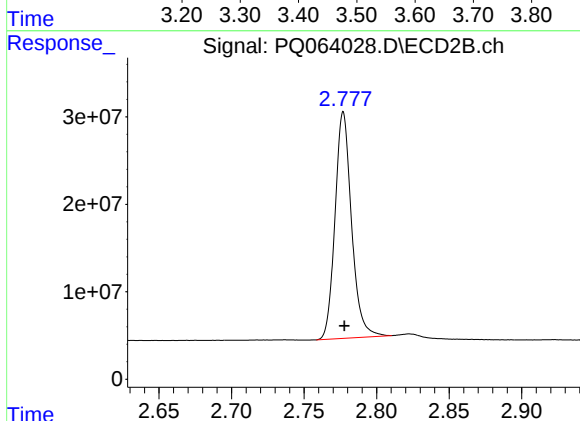
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

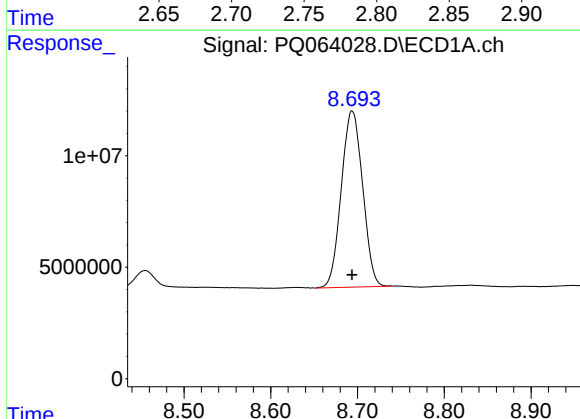
R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 214654407
Conc: 50.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



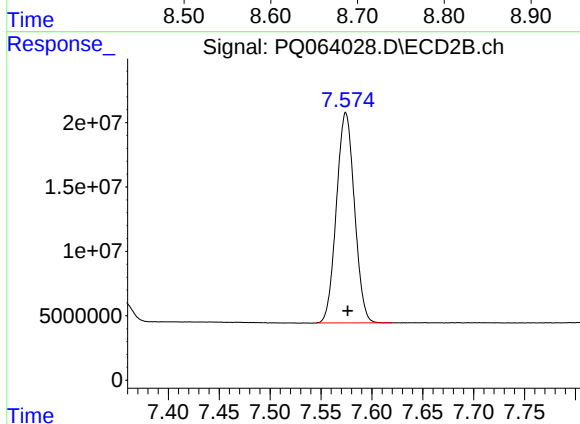
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 205434105
Conc: 55.86 ng/ml



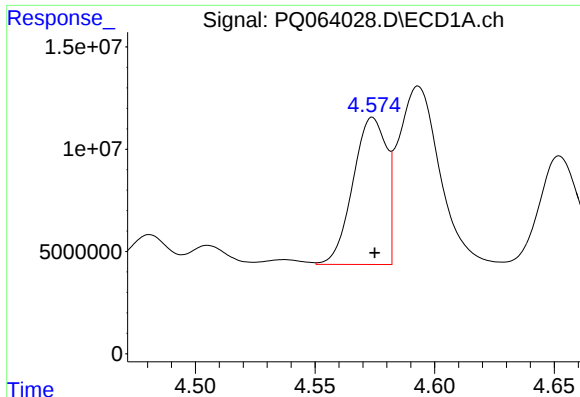
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 135039621
Conc: 41.83 ng/ml



#2 Decachlorobiphenyl

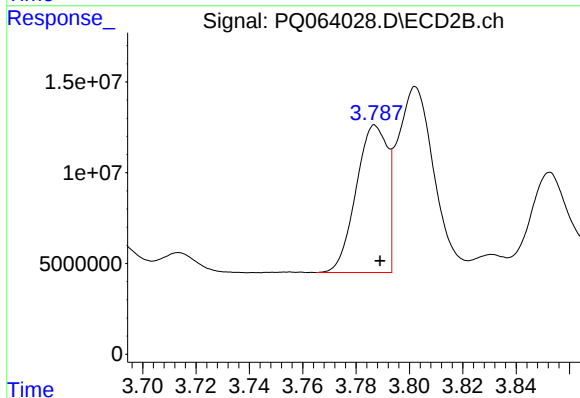
R.T.: 7.574 min
Delta R.T.: -0.002 min
Response: 201394726
Conc: 42.98 ng/ml



#3 AR-1016-1

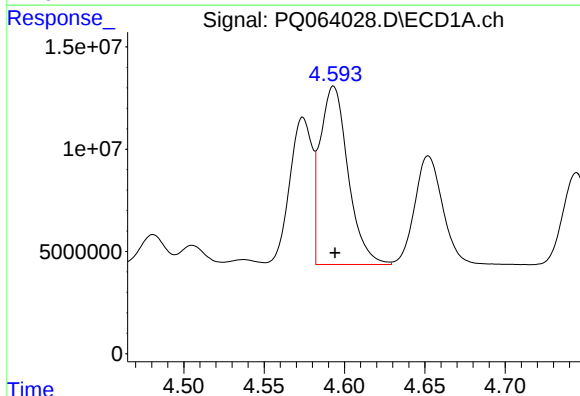
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 69988199
Conc: 507.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



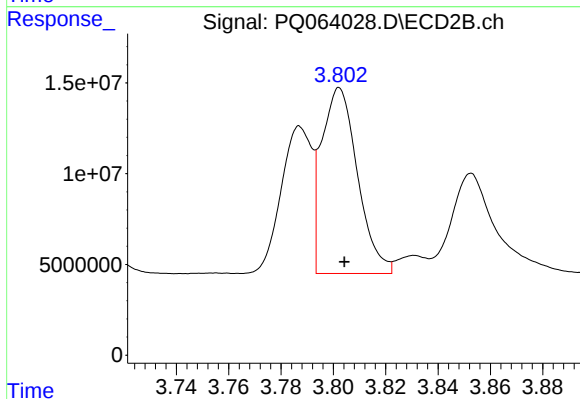
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 65864300
Conc: 522.82 ng/ml



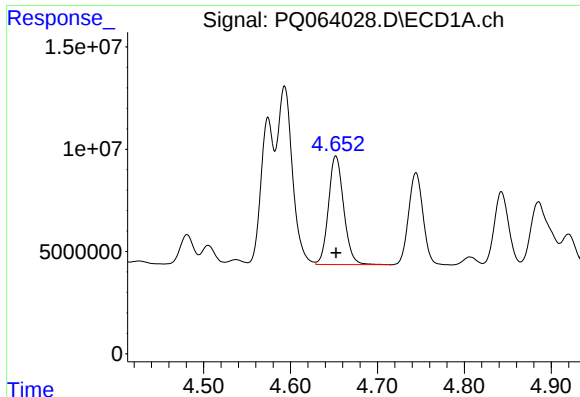
#4 AR-1016-2

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 105328972
Conc: 498.69 ng/ml



#4 AR-1016-2

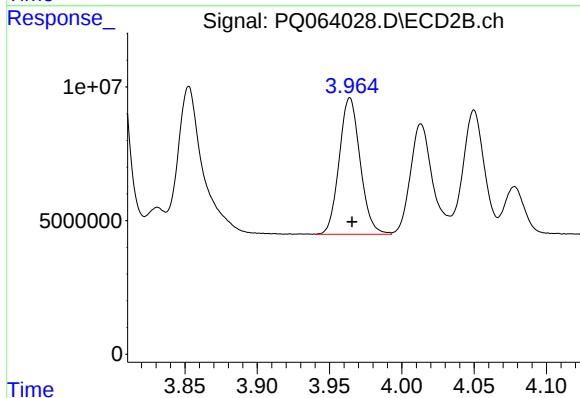
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 97724002
Conc: 539.37 ng/ml



#5 AR-1016-3

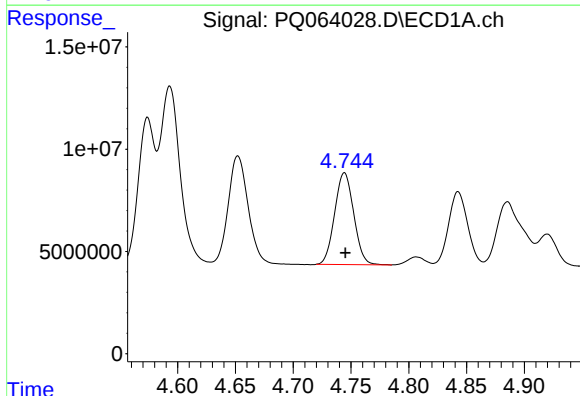
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 64705953
Conc: 485.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



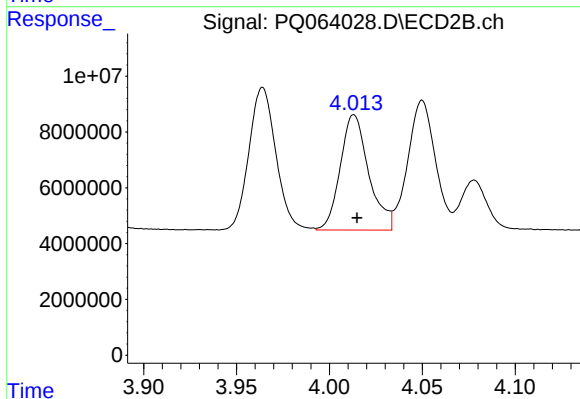
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: -0.001 min
Response: 51689133
Conc: 530.42 ng/ml



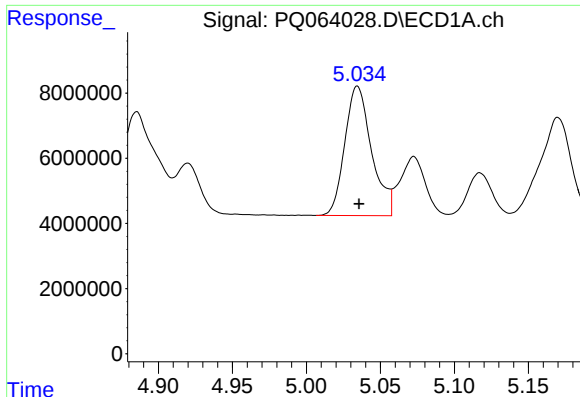
#6 AR-1016-4

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 51523918
Conc: 490.06 ng/ml



#6 AR-1016-4

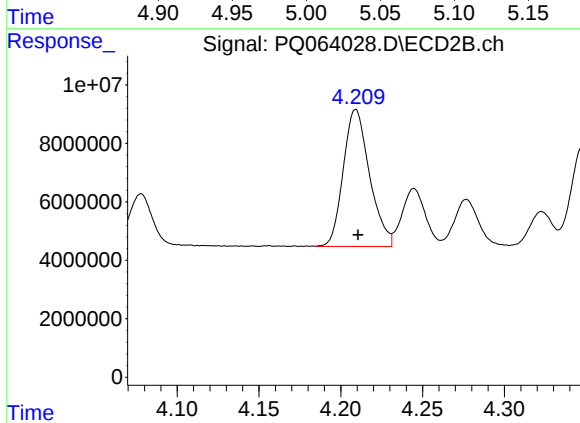
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 44120876
Conc: 522.96 ng/ml



#7 AR-1016-5

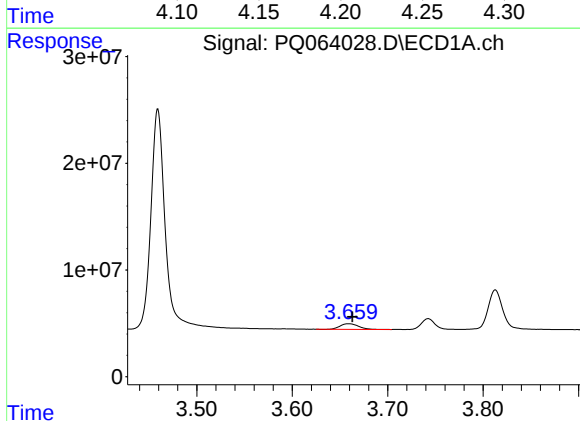
R.T.: 5.034 min
Delta R.T.: -0.001 min
Response: 50089168
Conc: 472.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



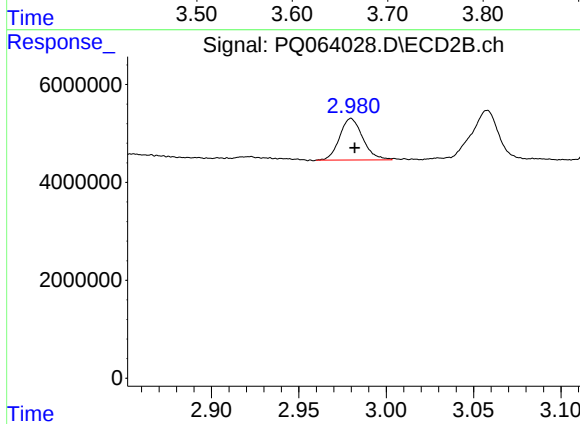
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 52481919
Conc: 524.76 ng/ml



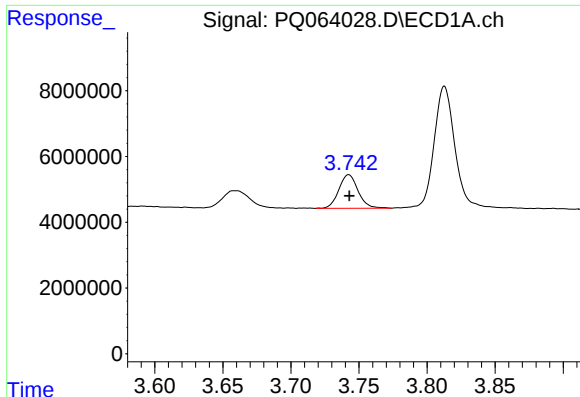
#8 AR-1221-1

R.T.: 3.659 min
Delta R.T.: -0.004 min
Response: 7113580
Conc: 131.46 ng/ml



#8 AR-1221-1

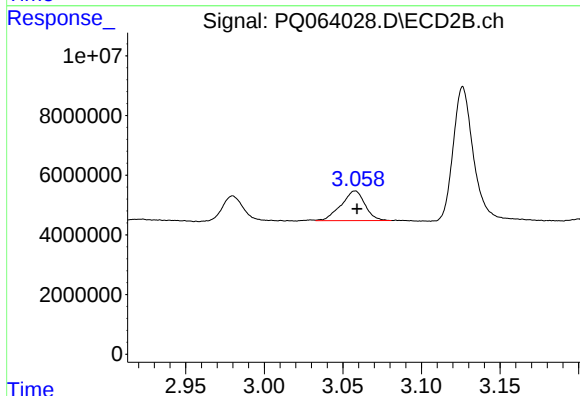
R.T.: 2.980 min
Delta R.T.: -0.002 min
Response: 7859846
Conc: 152.52 ng/ml



#9 AR-1221-2

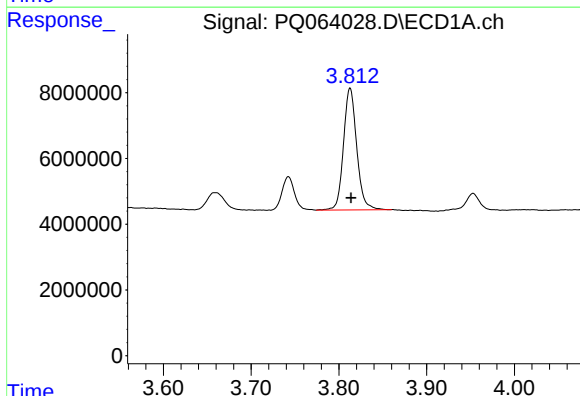
R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 10046429
Conc: 275.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



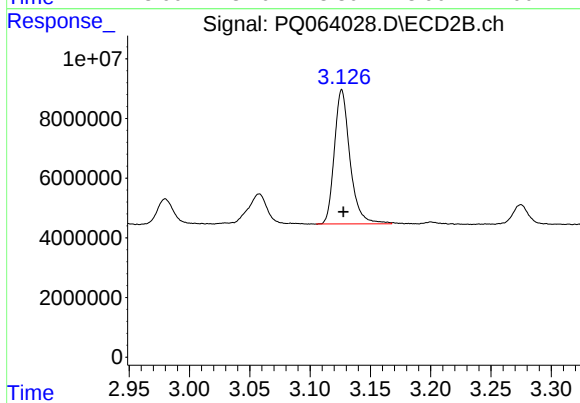
#9 AR-1221-2

R.T.: 3.058 min
Delta R.T.: 0.000 min
Response: 10527062
Conc: 301.92 ng/ml



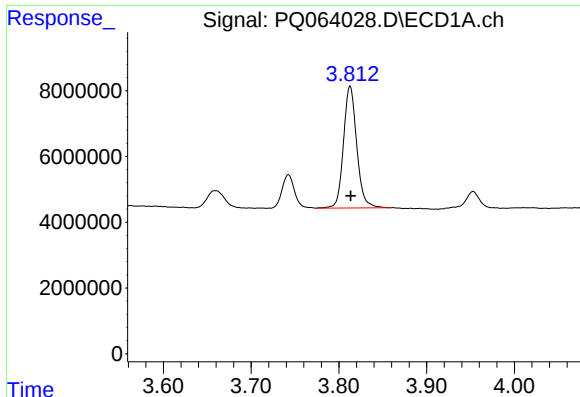
#10 AR-1221-3

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 38777413
Conc: 326.53 ng/ml



#10 AR-1221-3

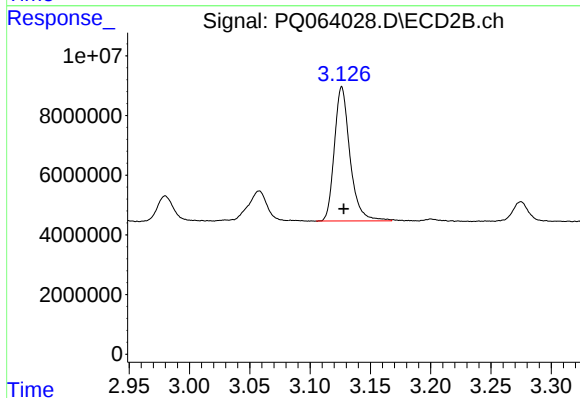
R.T.: 3.126 min
Delta R.T.: -0.001 min
Response: 40507659
Conc: 367.24 ng/ml



#11 AR-1232-1

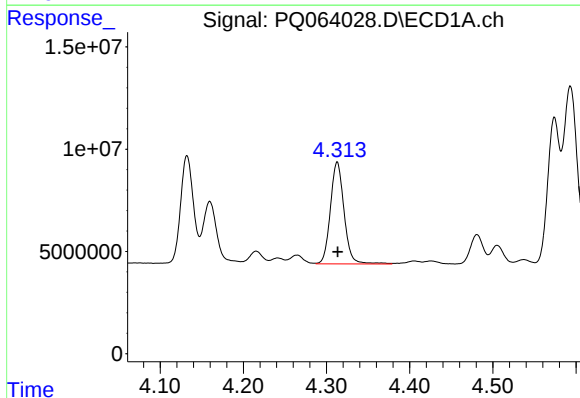
R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 38777413
Conc: 414.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



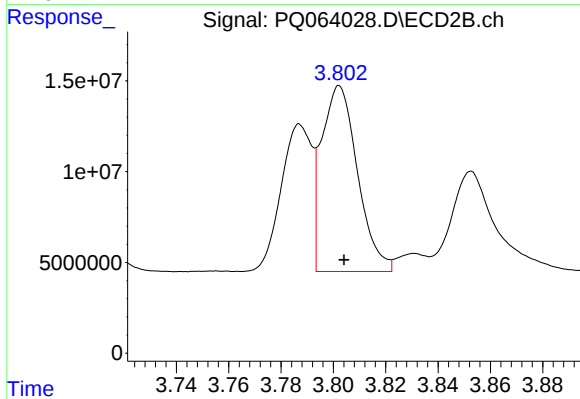
#11 AR-1232-1

R.T.: 3.126 min
Delta R.T.: -0.001 min
Response: 40507659
Conc: 467.81 ng/ml



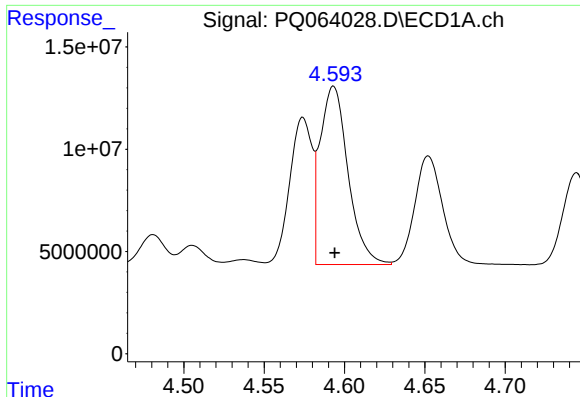
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 56888984
Conc: 1083.25 ng/ml



#12 AR-1232-2

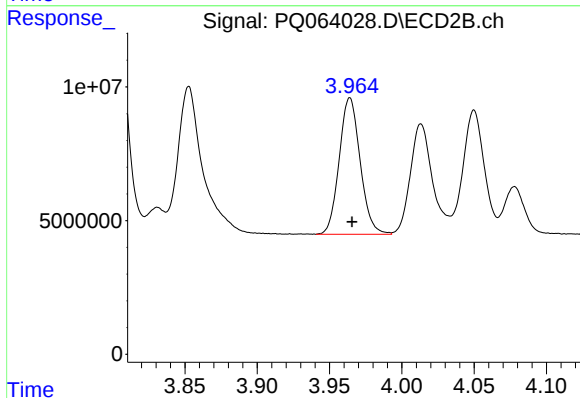
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 97724002
Conc: 1228.59 ng/ml



#13 AR-1232-3

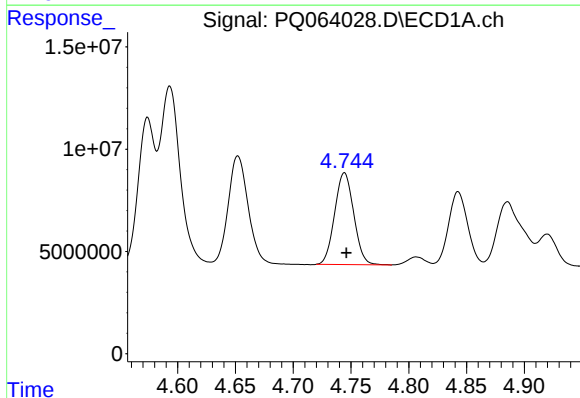
R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 105328972
Conc: 1171.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



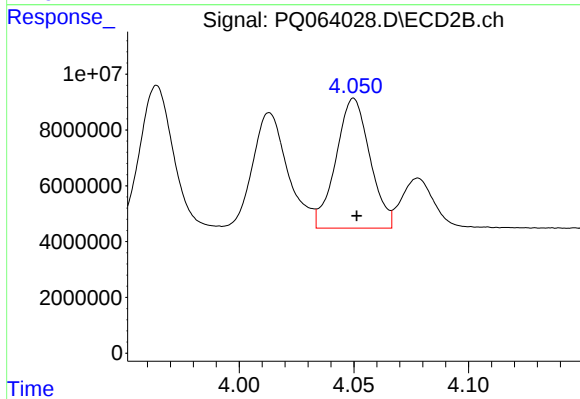
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: -0.001 min
Response: 51689133
Conc: 1248.55 ng/ml



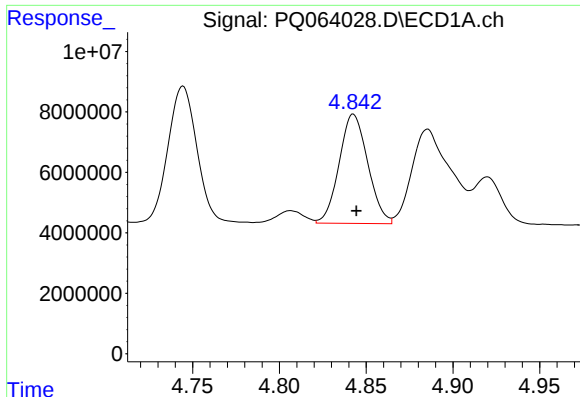
#14 AR-1232-4

R.T.: 4.744 min
Delta R.T.: -0.002 min
Response: 51523918
Conc: 1178.36 ng/ml



#14 AR-1232-4

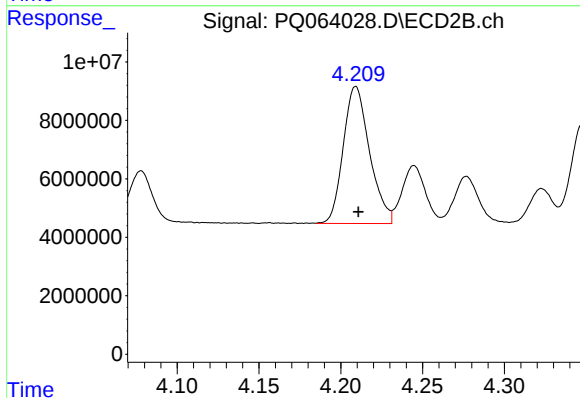
R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 47998664
Conc: 1321.67 ng/ml



#15 AR-1232-5

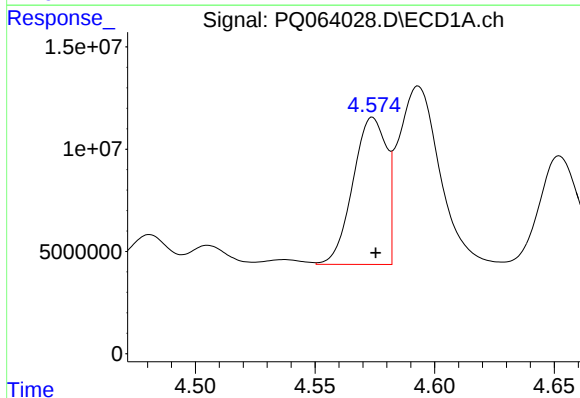
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 41503084
Conc: 1241.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



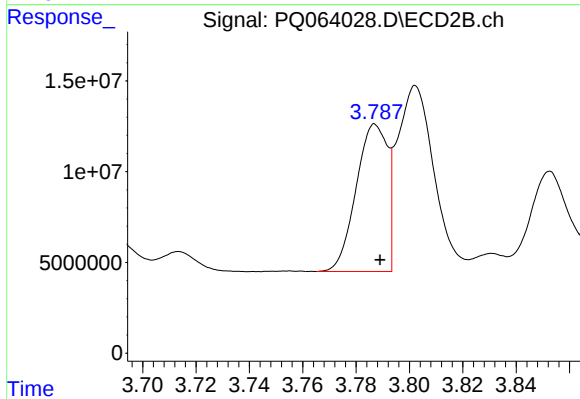
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 52481919
Conc: 1249.05 ng/ml



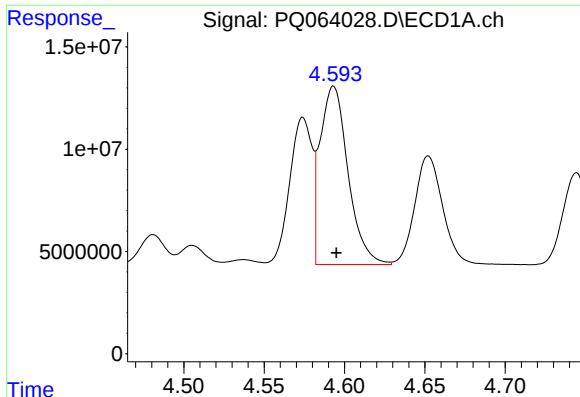
#16 AR-1242-1

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 69988199
Conc: 621.10 ng/ml



#16 AR-1242-1

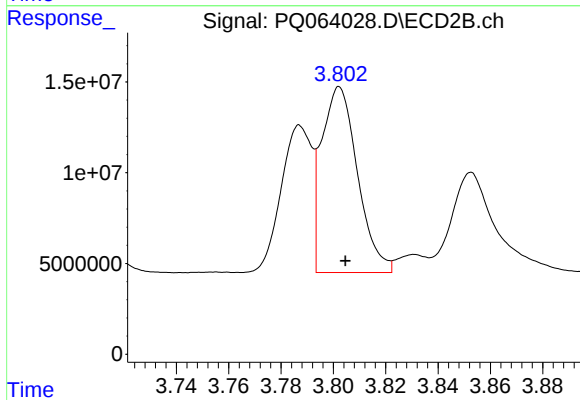
R.T.: 3.787 min
Delta R.T.: -0.002 min
Response: 65864300
Conc: 640.29 ng/ml



#17 AR-1242-2

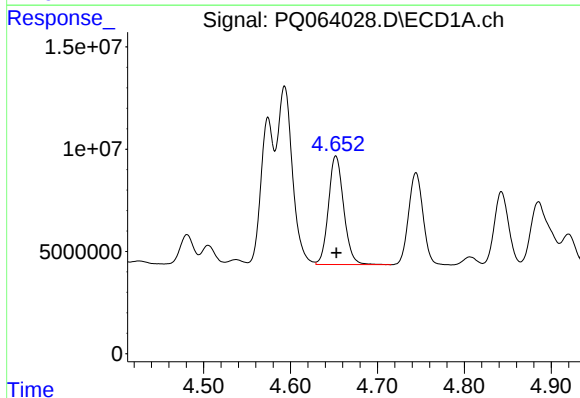
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 105328972
Conc: 622.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



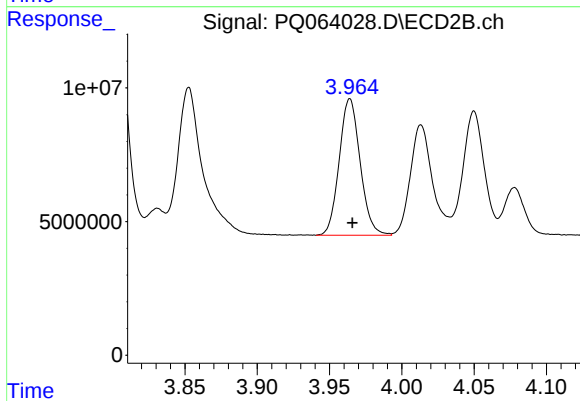
#17 AR-1242-2

R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 97724002
Conc: 662.21 ng/ml



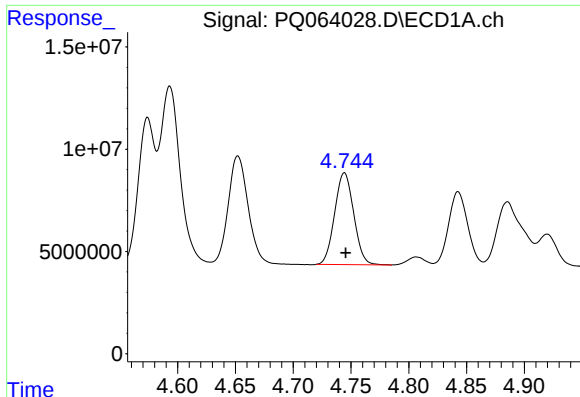
#18 AR-1242-3

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 64705953
Conc: 613.06 ng/ml



#18 AR-1242-3

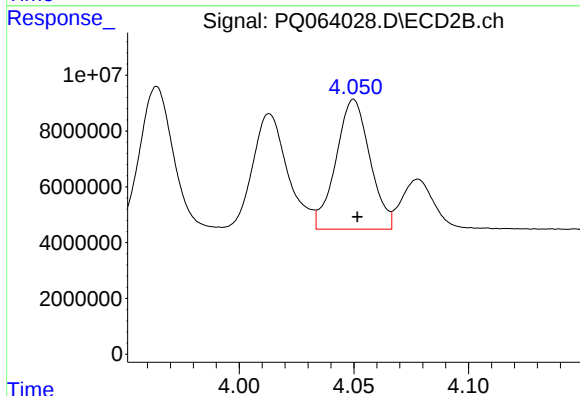
R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 51689133
Conc: 649.73 ng/ml



#19 AR-1242-4

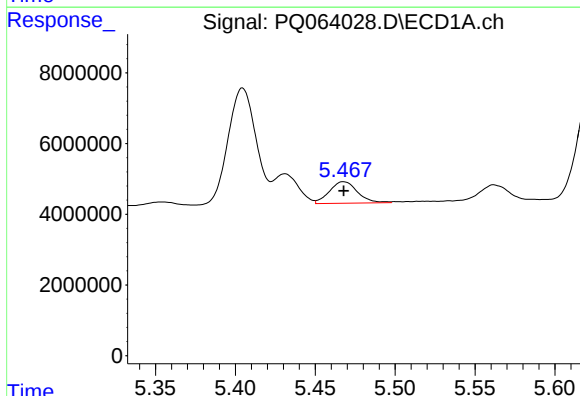
R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 51523918
Conc: 607.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



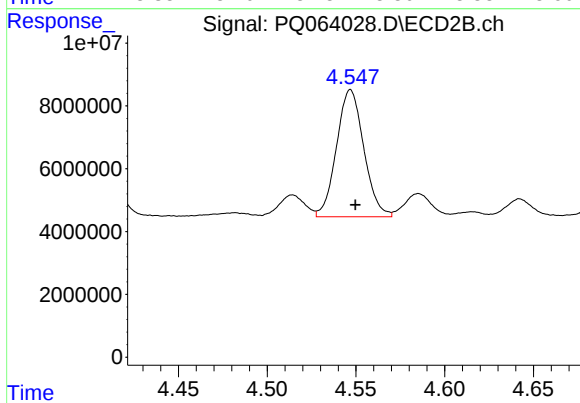
#19 AR-1242-4

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 47998664
Conc: 632.51 ng/ml



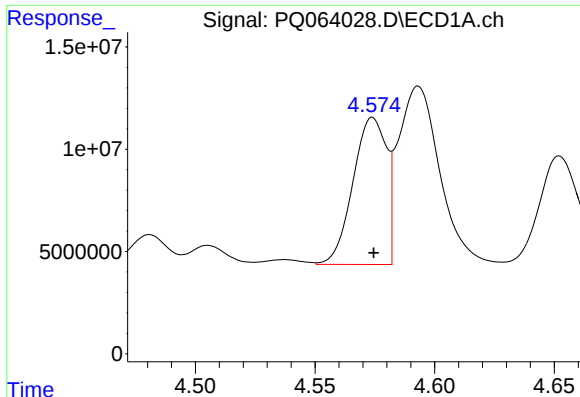
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 7445412
Conc: 84.20 ng/ml



#20 AR-1242-5

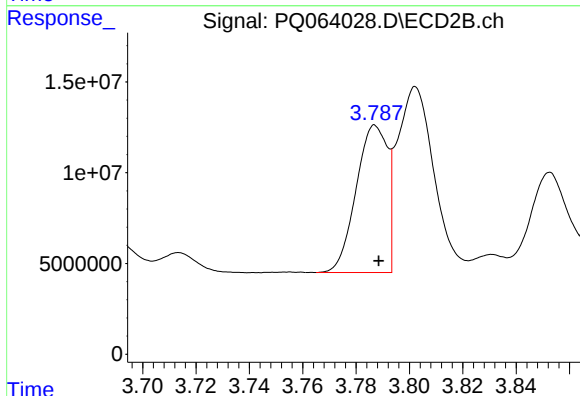
R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 43327637
Conc: 430.72 ng/ml



#21 AR-1248-1

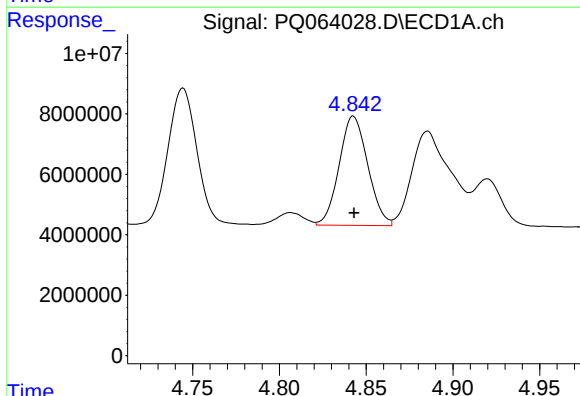
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 69988199
Conc: 840.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



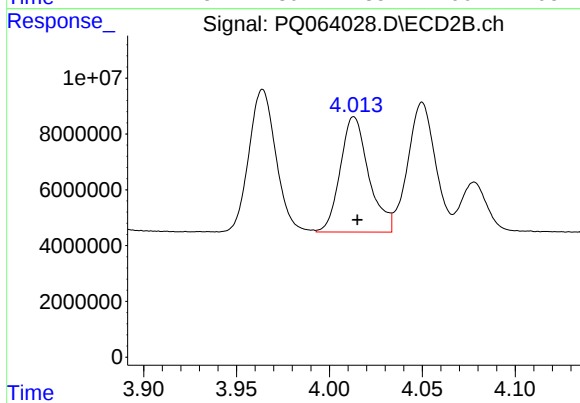
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: -0.001 min
Response: 65864300
Conc: 844.69 ng/ml



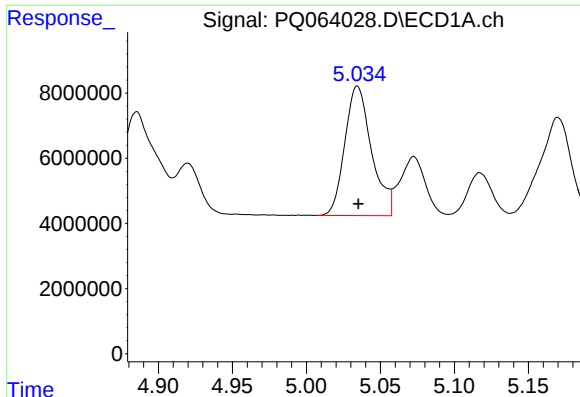
#22 AR-1248-2

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 41503084
Conc: 341.95 ng/ml



#22 AR-1248-2

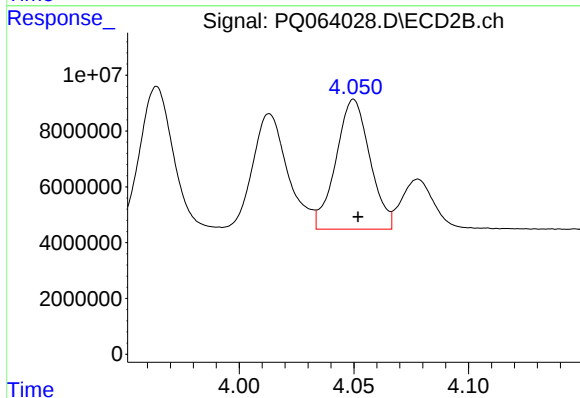
R.T.: 4.013 min
Delta R.T.: -0.002 min
Response: 44120876
Conc: 372.20 ng/ml



#23 AR-1248-3

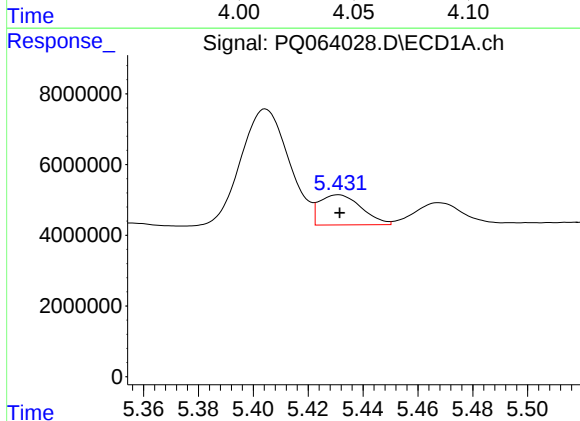
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 50089168
Conc: 345.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



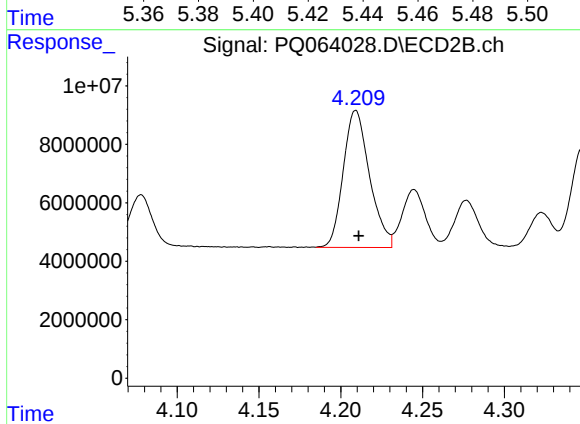
#23 AR-1248-3

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 47998664
Conc: 426.04 ng/ml



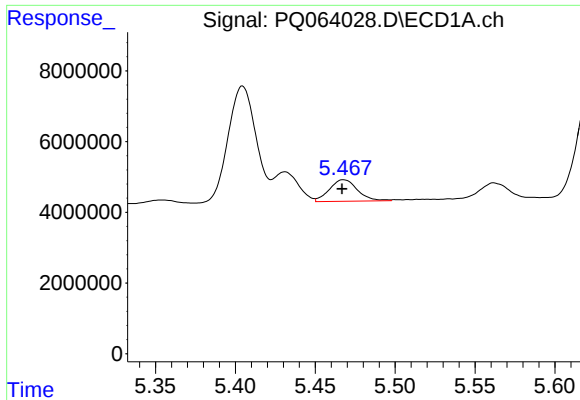
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 9079864
Conc: 58.59 ng/ml



#24 AR-1248-4

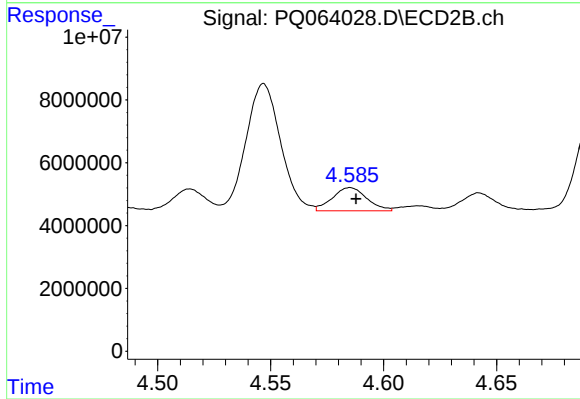
R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 52481919
Conc: 381.25 ng/ml



#25 AR-1248-5

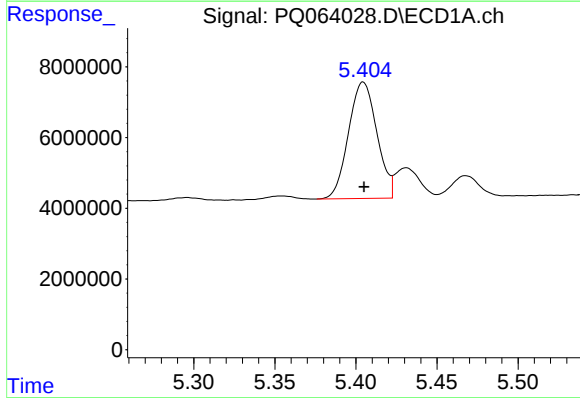
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 7445412
Conc: 48.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



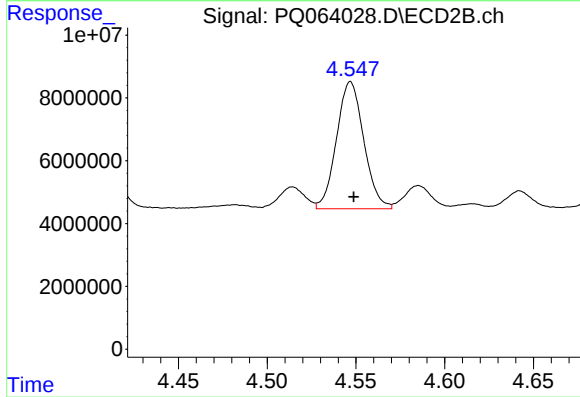
#25 AR-1248-5

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 7898907
Conc: 58.83 ng/ml



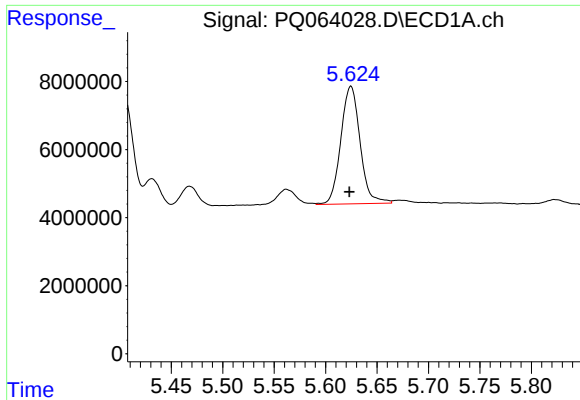
#26 AR-1254-1

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 40221487
Conc: 256.27 ng/ml



#26 AR-1254-1

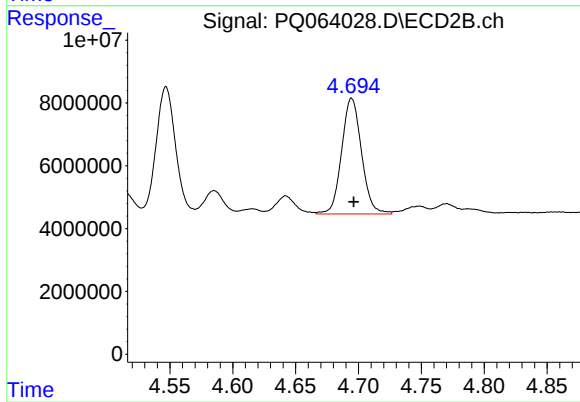
R.T.: 4.547 min
Delta R.T.: -0.002 min
Response: 43327637
Conc: 222.92 ng/ml



#27 AR-1254-2

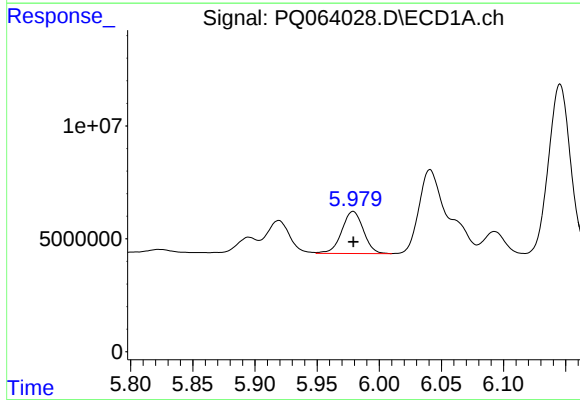
R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 45157330
Conc: 190.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



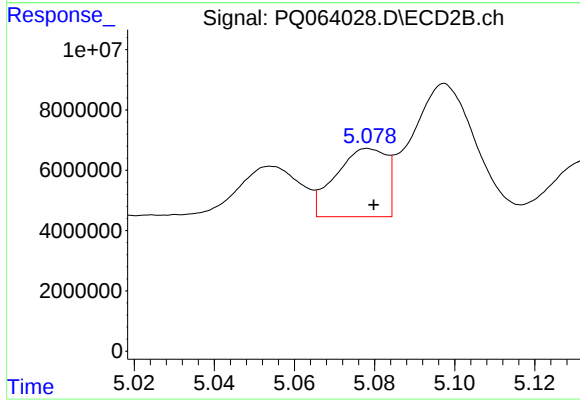
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: -0.002 min
Response: 40539982
Conc: 232.71 ng/ml



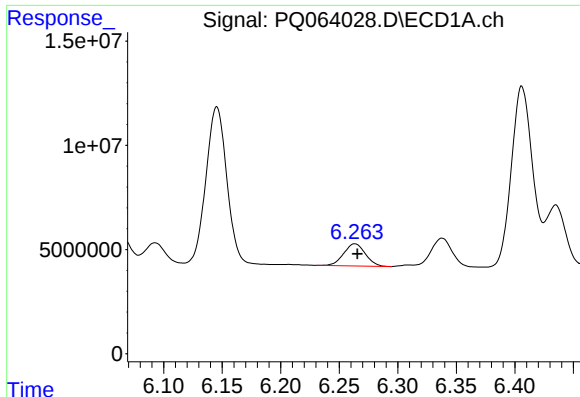
#28 AR-1254-3

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 22637719
Conc: 91.30 ng/ml



#28 AR-1254-3

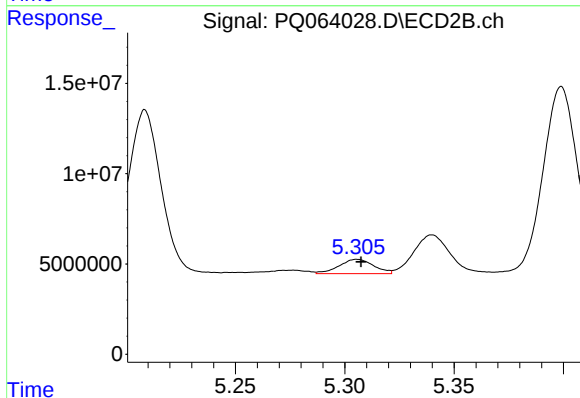
R.T.: 5.078 min
Delta R.T.: -0.001 min
Response: 19847595
Conc: 74.15 ng/ml



#29 AR-1254-4

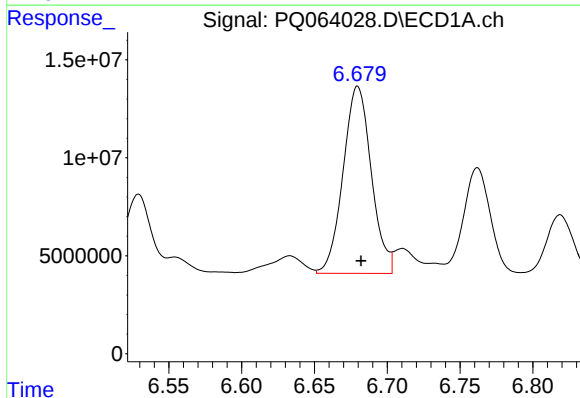
R.T.: 6.263 min
Delta R.T.: -0.002 min
Response: 13718811
Conc: 75.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



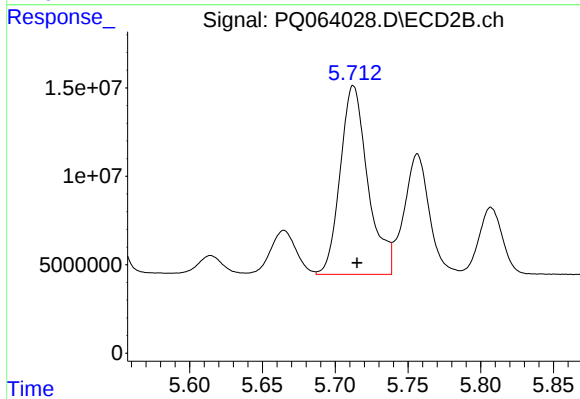
#29 AR-1254-4

R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 8805060
Conc: 50.19 ng/ml



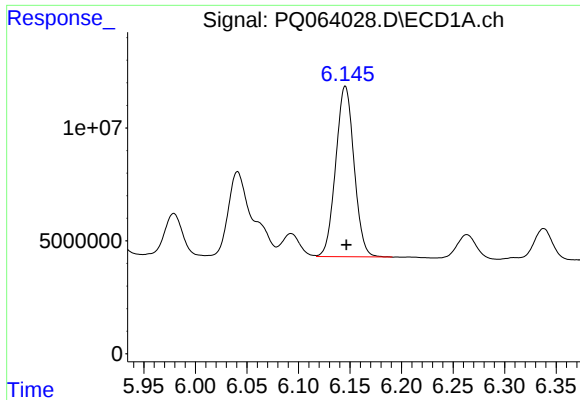
#30 AR-1254-5

R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 128767398
Conc: 645.58 ng/ml



#30 AR-1254-5

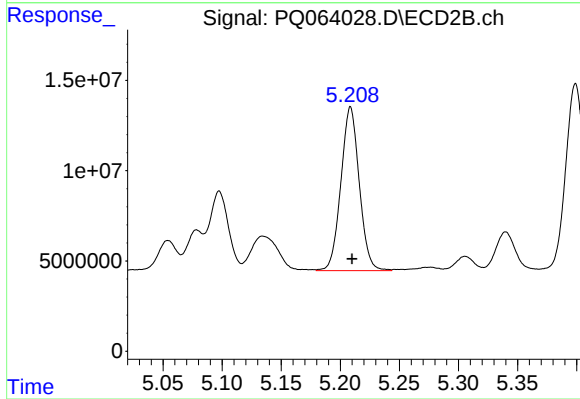
R.T.: 5.713 min
Delta R.T.: -0.002 min
Response: 141106277
Conc: 553.49 ng/ml



#31 AR-1260-1

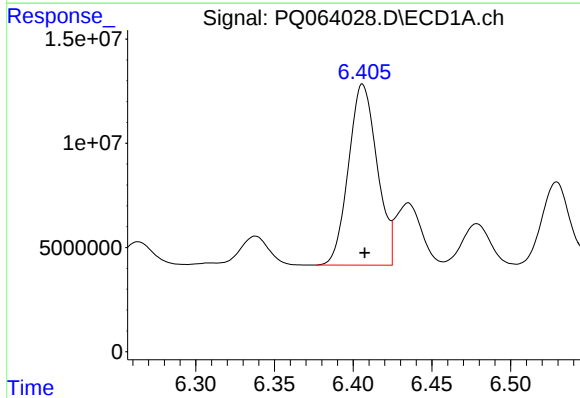
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 93570271
Conc: 457.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



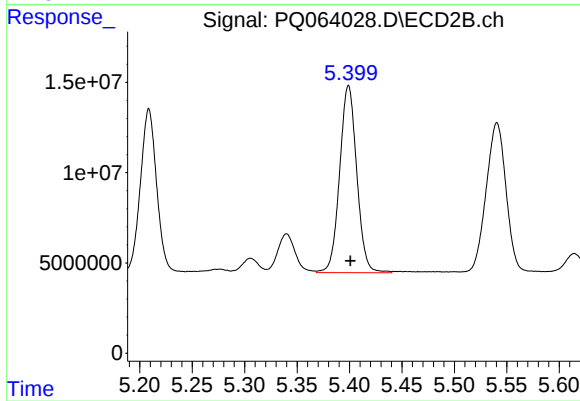
#31 AR-1260-1

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 98240861
Conc: 496.68 ng/ml



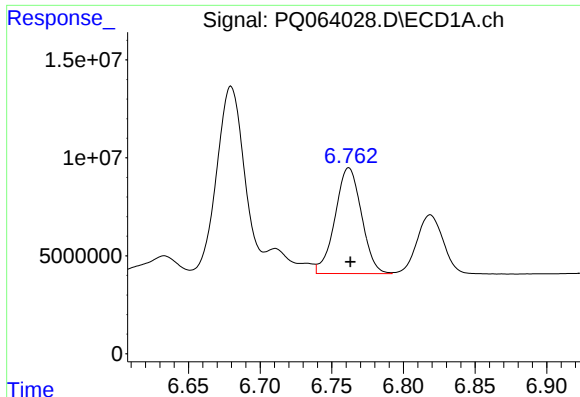
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 109807285
Conc: 454.57 ng/ml



#32 AR-1260-2

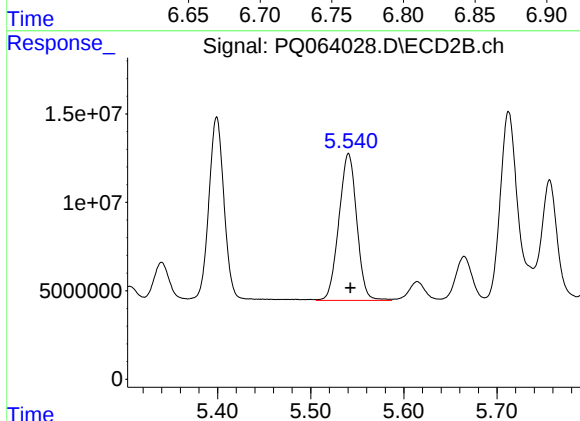
R.T.: 5.399 min
Delta R.T.: -0.002 min
Response: 117814793
Conc: 493.50 ng/ml



#33 AR-1260-3

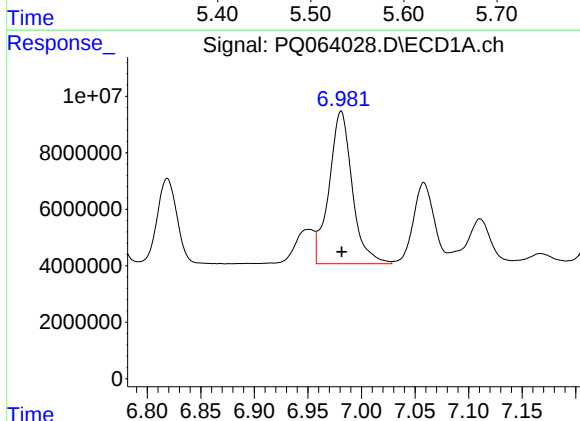
R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 69409640
Conc: 431.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



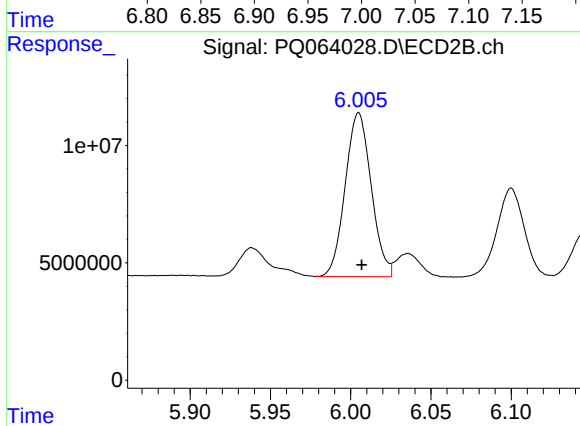
#33 AR-1260-3

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 110715405
Conc: 490.16 ng/ml



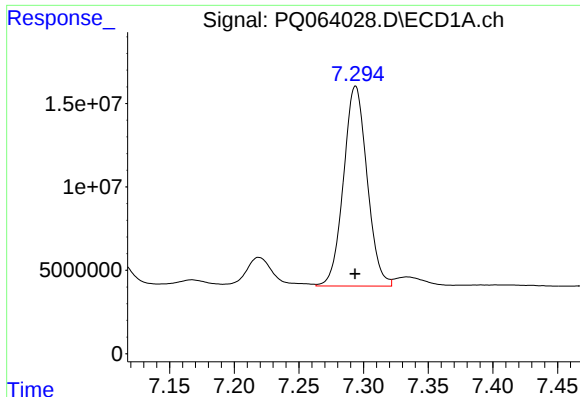
#34 AR-1260-4

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 81344090
Conc: 440.91 ng/ml



#34 AR-1260-4

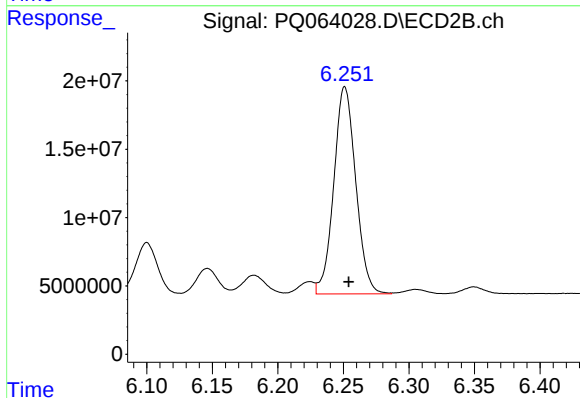
R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 78865417
Conc: 458.36 ng/ml



#35 AR-1260-5

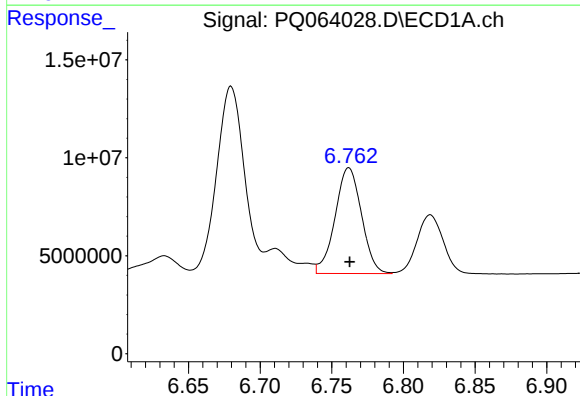
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 152055946
Conc: 427.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



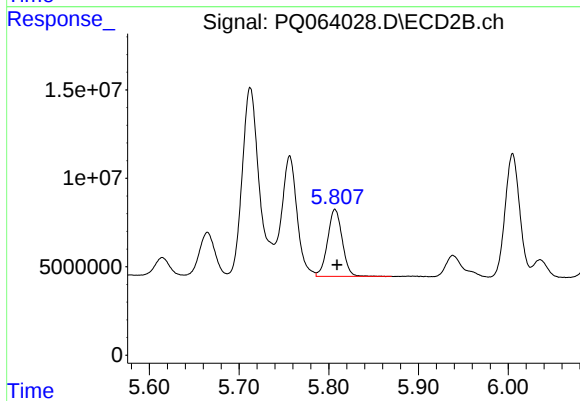
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 176848918
Conc: 443.15 ng/ml



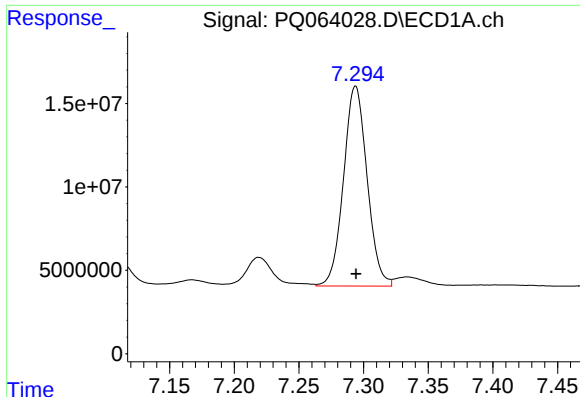
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 69409640
Conc: 265.60 ng/ml



#36 AR-1262-1

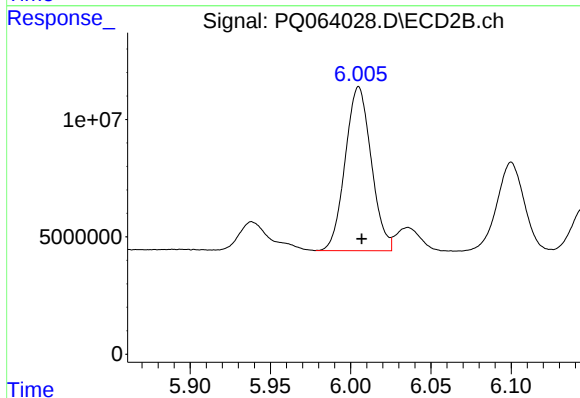
R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 43094835
Conc: 393.63 ng/ml



#37 AR-1262-2

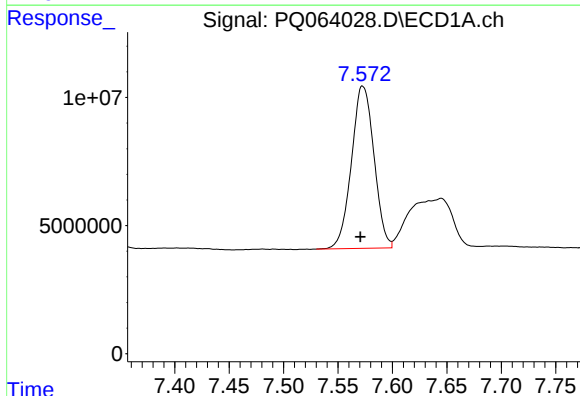
R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 152055946
Conc: 357.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



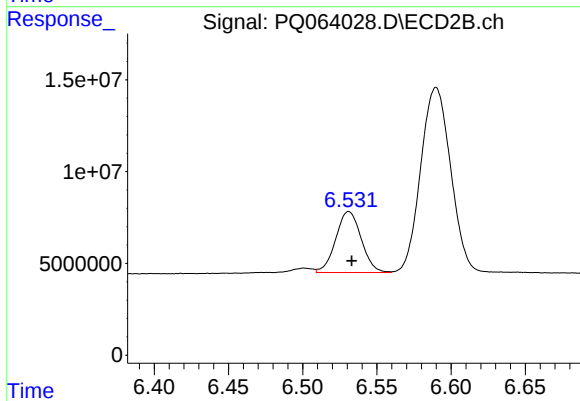
#37 AR-1262-2

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 78865417
Conc: 319.27 ng/ml



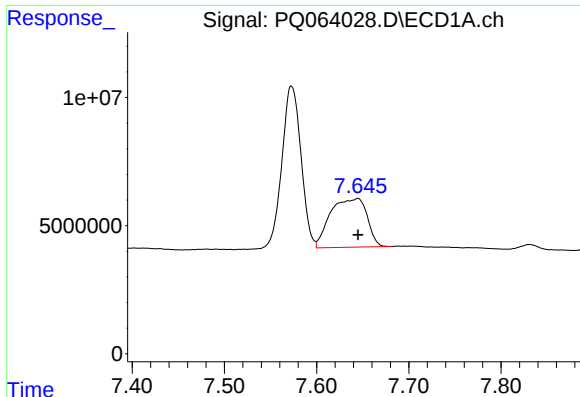
#38 AR-1262-3

R.T.: 7.573 min
Delta R.T.: 0.002 min
Response: 91358815
Conc: 318.85 ng/ml



#38 AR-1262-3

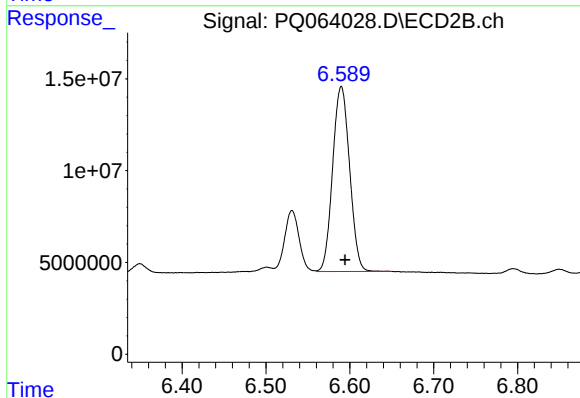
R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 39694608
Conc: 195.93 ng/ml



#39 AR-1262-4

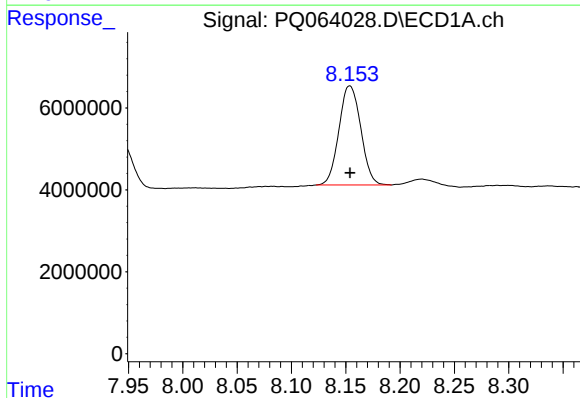
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 52518963
Conc: 228.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



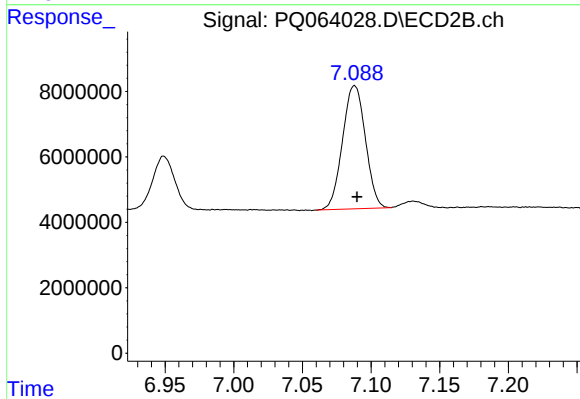
#39 AR-1262-4

R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 141574488
Conc: 379.93 ng/ml



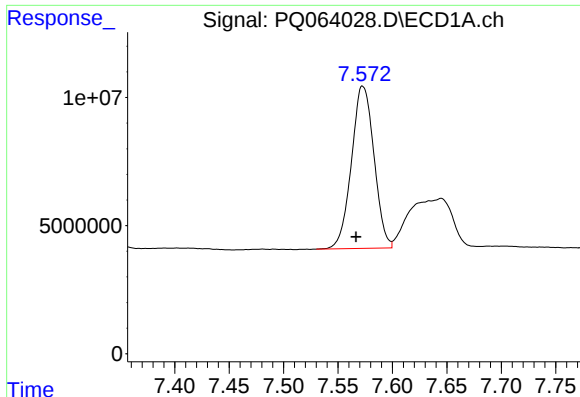
#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 33828712
Conc: 237.48 ng/ml



#40 AR-1262-5

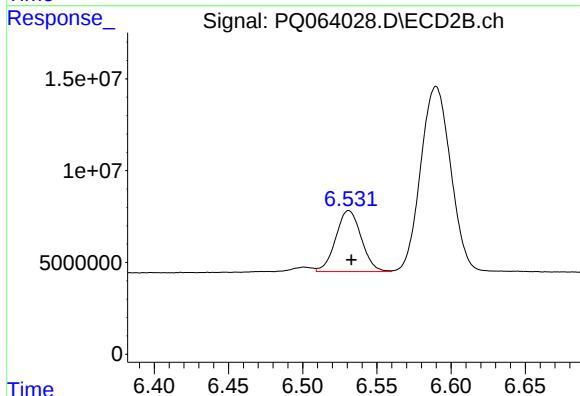
R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 43559470
Conc: 240.92 ng/ml



#41 AR-1268-1

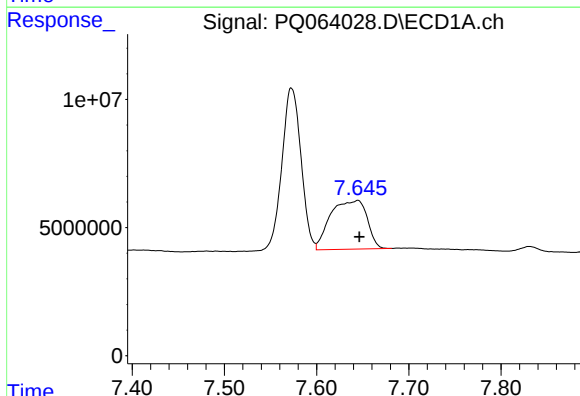
R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 91358815
Conc: 184.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



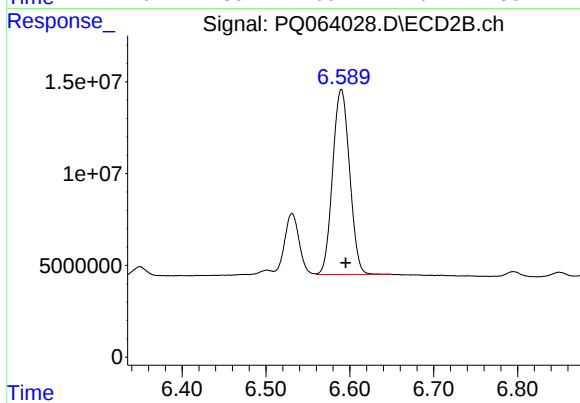
#41 AR-1268-1

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 39694608
Conc: 69.18 ng/ml



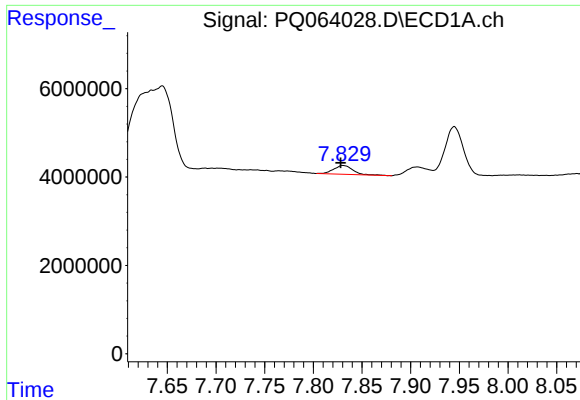
#42 AR-1268-2

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 52518963
Conc: 117.28 ng/ml



#42 AR-1268-2

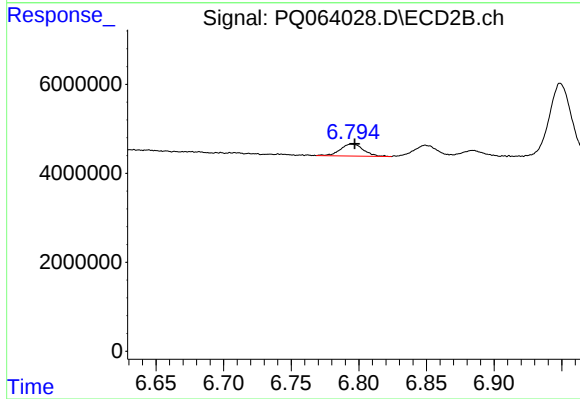
R.T.: 6.590 min
Delta R.T.: -0.005 min
Response: 141574488
Conc: 272.72 ng/ml



#43 AR-1268-3

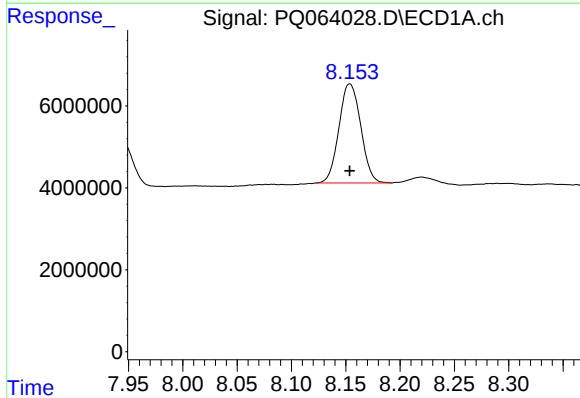
R.T.: 7.830 min
Delta R.T.: 0.002 min
Response: 2753025
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



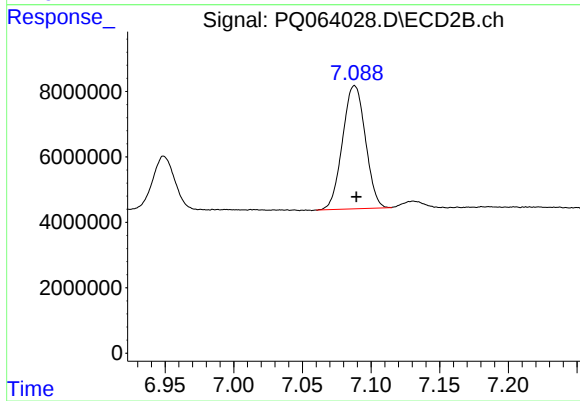
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 3211918
Conc: 6.93 ng/ml



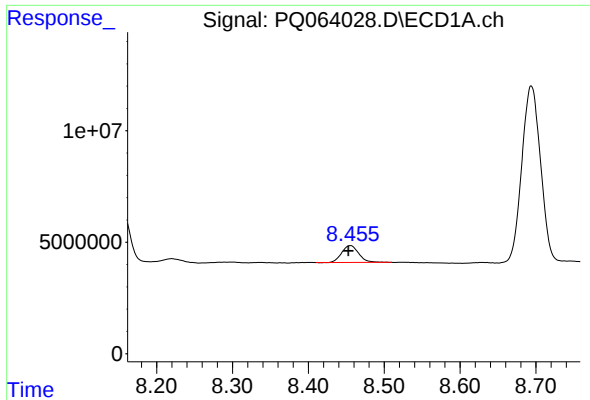
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 33828712
Conc: 216.39 ng/ml



#44 AR-1268-4

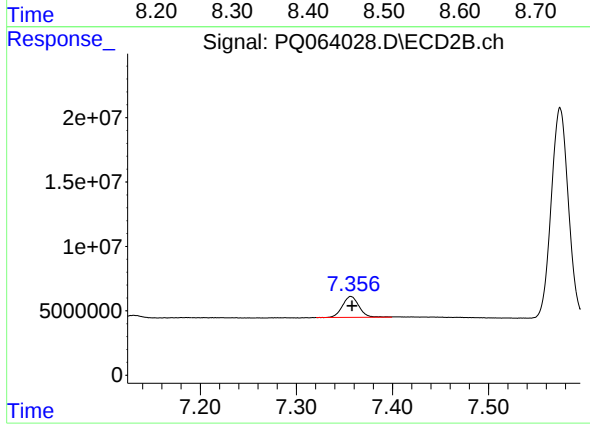
R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 43559470
Conc: 223.01 ng/ml



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: 0.003 min
Response: 11811221
Conc: 10.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.357 min
Delta R.T.: -0.001 min
Response: 19355535
Conc: 12.65 ng/ml