

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082118\
 Data File : PQ031287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2018 20:06
 Operator : SM\SJ
 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: Aug 22 00:39:26 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 21 05:13:46 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...	4.599	3.881	101.0E6	90251445	48.531	50.371
2)	SA Decachlor...	10.453	8.966	84363394	87369118	45.202	46.063
Target Compounds							
3)	L1 AR-1016-1	4.975	4.586	16443148	11390739	482.416	463.394
4)	L1 AR-1016-2	5.508	4.981	24320626	31239100	504.161	502.731
5)	L1 AR-1016-3	5.777	5.001	33417384	44597679	484.719	505.600
6)	L1 AR-1016-4	5.863	5.058	30213985	28923569	477.022	508.955
7)	L1 AR-1016-5	6.399	5.218	25958300	17989436	469.560	508.930
8)	L2 AR-1221-1	4.806	4.096	3401290	2528605	170.380	157.509
9)	L2 AR-1221-2	4.897	4.186	4286557	4264166	275.688	321.180
10)	L2 AR-1221-3	4.975	4.263	16443148	15100236	344.117	359.635
11)	L3 AR-1232-1	5.312	4.586	23548865	11390739	1207.561	1190.824
12)	L3 AR-1232-2	5.508	5.001	24320626	44597679	1327.875	1339.583
13)	L3 AR-1232-3	5.777	5.058	33417384	28923569	1276.725	1250.023
14)	L3 AR-1232-4	5.863	5.261	30213985	22181881	1178.708	1377.378
15)	L3 AR-1232-5	6.256	5.586	24935419	27048346	1371.052	1435.078
16)	L4 AR-1242-1	5.508	4.760	24320626	21694831	708.296	721.901
17)	L4 AR-1242-2	5.777	5.001	33417384	44597679	718.315	748.184
18)	L4 AR-1242-3	5.799	5.180	49535600	23419761	720.936	738.124
19)	L4 AR-1242-4	6.256	5.218	24935419	17989436	697.169	725.752
20)	L4 AR-1242-5	6.399	5.435	25958300	25804979	666.442	744.058
21)	L5 AR-1248-1	6.256	5.218	24935419	17989436	399.097	376.170
22)	L5 AR-1248-2	6.399	5.261	25958300	22181881	496.158	454.451
23)	L5 AR-1248-3	6.634	5.435	23632712	25804979	434.892	436.039
24)	L5 AR-1248-4	6.660	5.789	7892358	25027899	109.534	281.734 #
25)	L5 AR-1248-5	6.850	5.830	19401234	6265762	269.752	103.523 #
26)	L6 AR-1254-1	6.634	5.789	23632712	25027899	280.992	233.209
27)	L6 AR-1254-2	6.850	5.935	19401234	17553117	146.342	186.801 #
28)	L6 AR-1254-3	7.135	6.356	3324916	41109690	41.221	256.789 #
29)	L6 AR-1254-4	7.506	6.570	8261395	2908733	77.348	29.288 #
30)	L6 AR-1254-5	7.924	6.989	66847075	68308727	586.506	490.998
31)	L7 AR-1260-1	7.383	6.472	50066689	50370648	475.407	471.705
32)	L7 AR-1260-2	7.638	6.658	58524236	61559407	462.738	472.573
33)	L7 AR-1260-3	7.924	7.025	66847075	49128248	465.957	469.945
34)	L7 AR-1260-4	8.564	7.526	94206003	112.9E6	447.216	474.124
35)	L7 AR-1260-5	8.906	7.875	59608057	80213425	450.297	462.021
36)	L8 AR-1262-1	7.383	6.472	50066689	50370648	569.071	579.912
37)	L8 AR-1262-2	7.638	6.658	58524236	61559407	567.994	587.768
38)	L8 AR-1262-3	7.924	7.025	66847075	49128248	673.165	334.215 #
39)	L8 AR-1262-4	8.232	7.288	47297095	46353369	368.064	349.030
40)	L8 AR-1262-5	8.564	7.526	94206003	112.9E6	376.012	404.250
41)	L9 AR-1268-1	8.906	7.811	59608057	23146510	242.251	86.827 #

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 Acq On : 21 Aug 2018 20:06
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

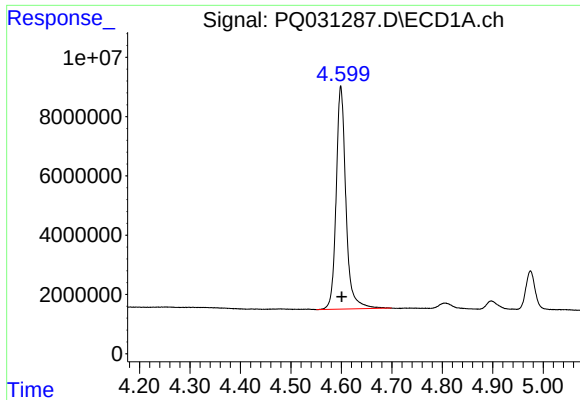
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 00:39:26 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.965	7.875	35079651	80213425	157.621	331.713 #
43) L9	AR-1268-3	0.000	8.085	0	1514725	N.D.	7.520 #
44) L9	AR-1268-4	9.669	8.382	24546959	25902682	298.176	291.564
45) L9	AR-1268-5	10.100	8.692	6728060	6802535	11.146	10.464

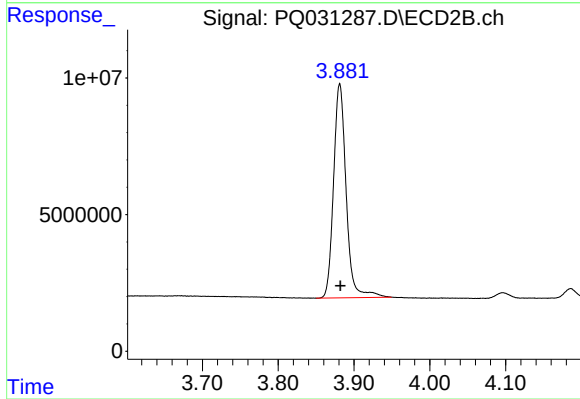
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

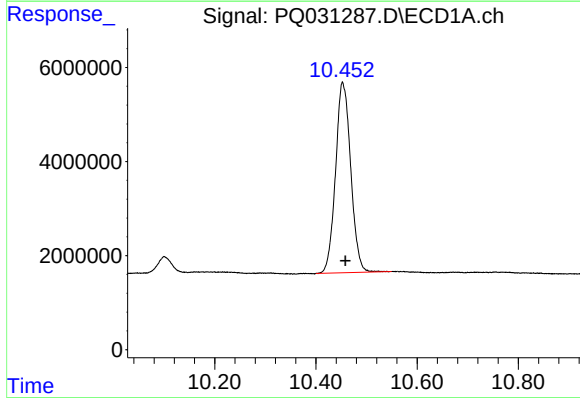
R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 100981664
Conc: 48.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



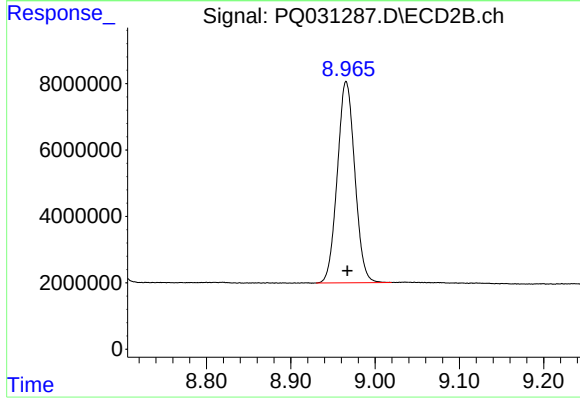
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 90251445
Conc: 50.37 ng/ml



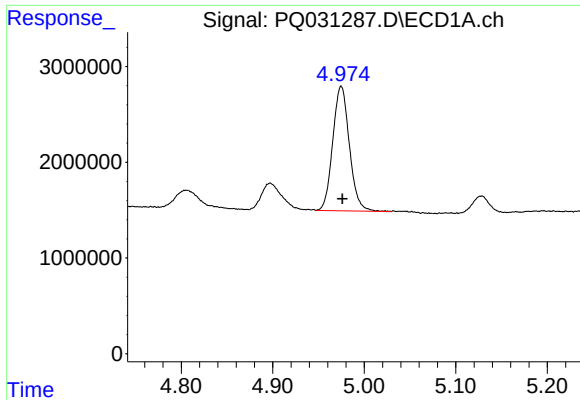
#2 Decachlorobiphenyl

R.T.: 10.453 min
Delta R.T.: -0.006 min
Response: 84363394
Conc: 45.20 ng/ml



#2 Decachlorobiphenyl

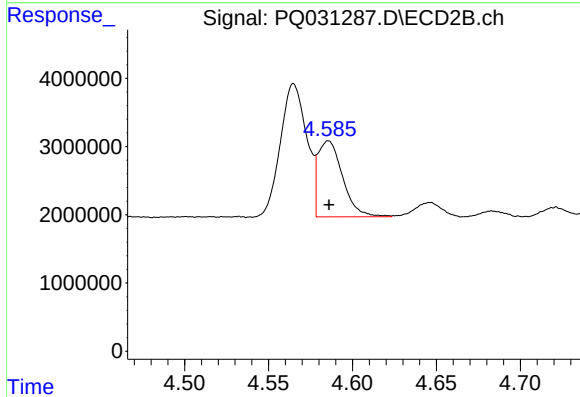
R.T.: 8.966 min
Delta R.T.: -0.002 min
Response: 87369118
Conc: 46.06 ng/ml



#3 AR-1016-1

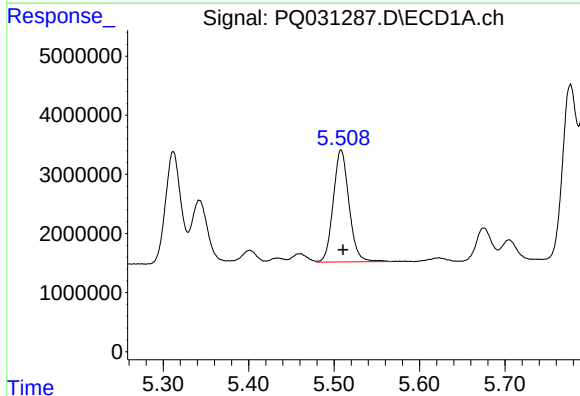
R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 16443148
Conc: 482.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



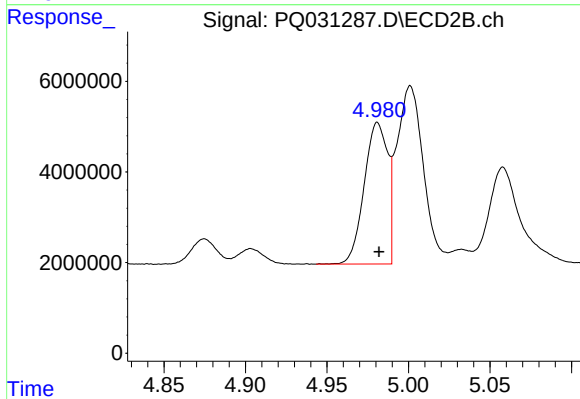
#3 AR-1016-1

R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 11390739
Conc: 463.39 ng/ml



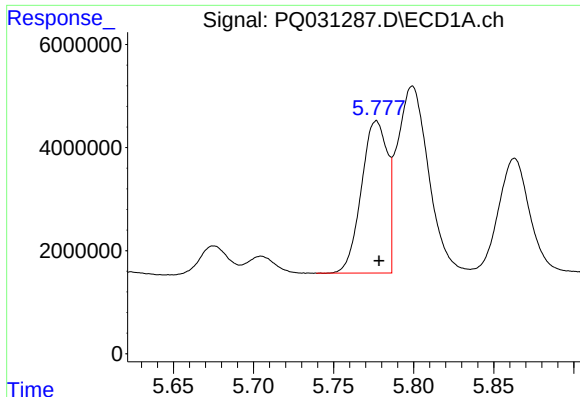
#4 AR-1016-2

R.T.: 5.508 min
Delta R.T.: -0.002 min
Response: 24320626
Conc: 504.16 ng/ml



#4 AR-1016-2

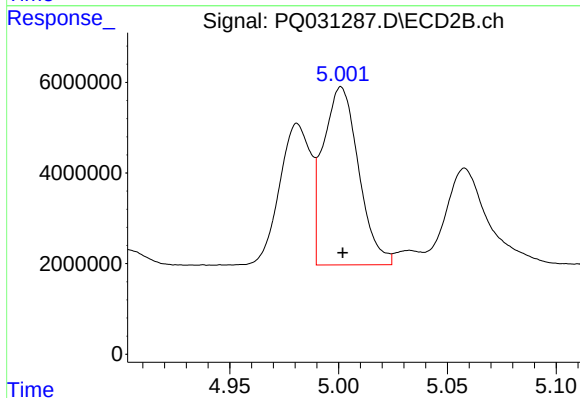
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 31239100
Conc: 502.73 ng/ml



#5 AR-1016-3

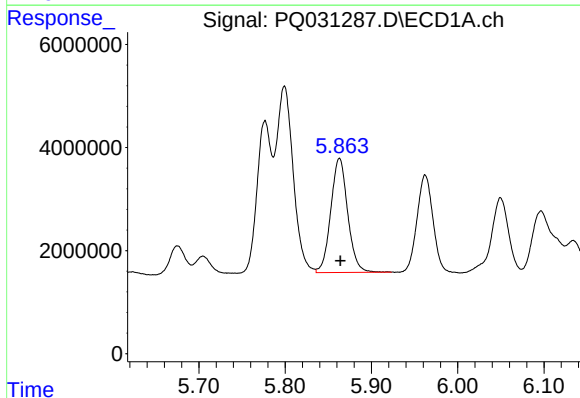
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 33417384
Conc: 484.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



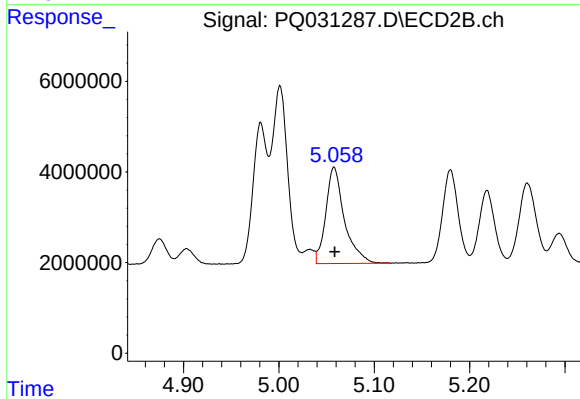
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 44597679
Conc: 505.60 ng/ml



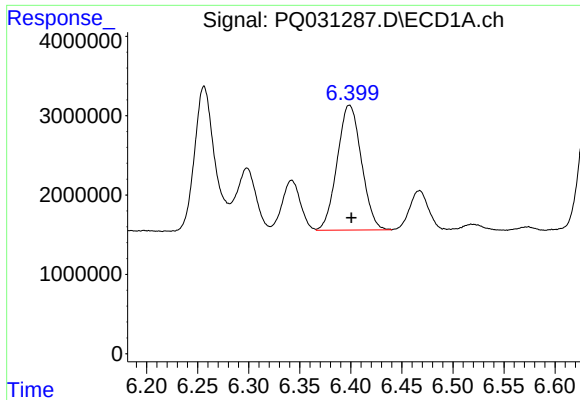
#6 AR-1016-4

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 30213985
Conc: 477.02 ng/ml



#6 AR-1016-4

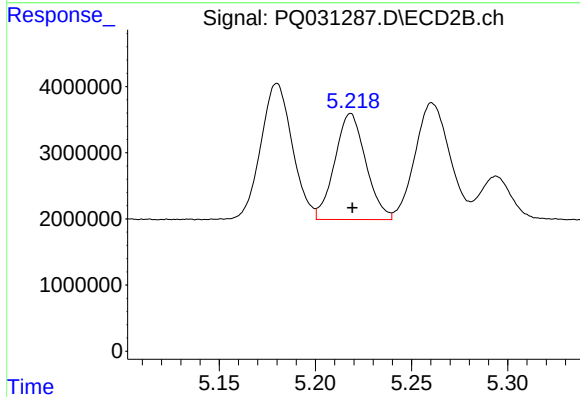
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 28923569
Conc: 508.96 ng/ml



#7 AR-1016-5

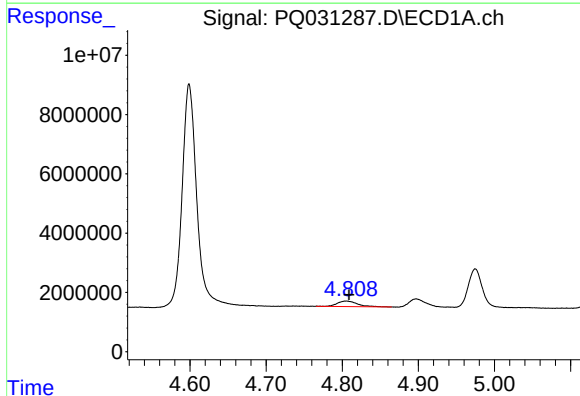
R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 25958300
Conc: 469.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



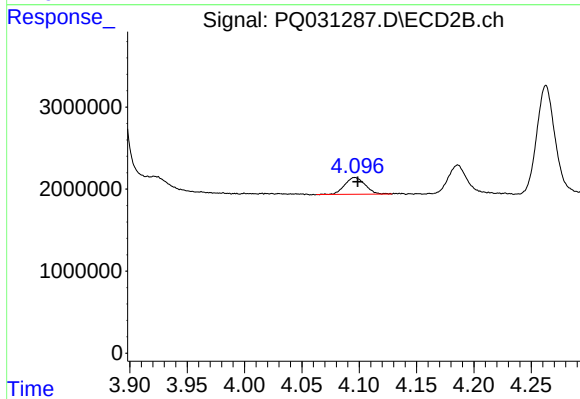
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 17989436
Conc: 508.93 ng/ml



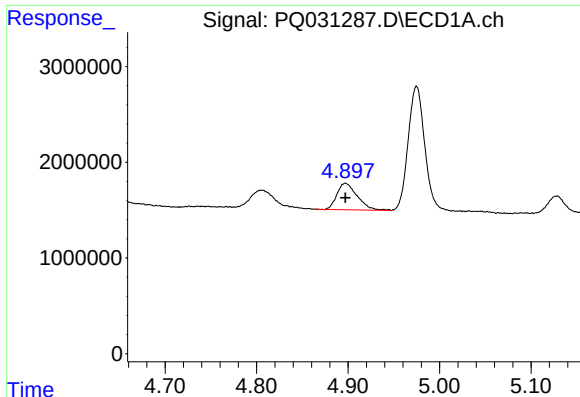
#8 AR-1221-1

R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 3401290
Conc: 170.38 ng/ml



#8 AR-1221-1

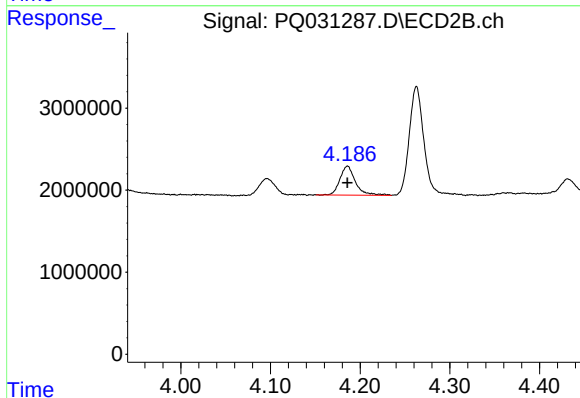
R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 2528605
Conc: 157.51 ng/ml



#9 AR-1221-2

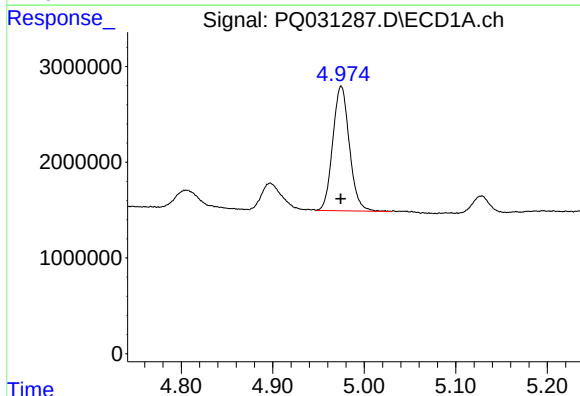
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 4286557
Conc: 275.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



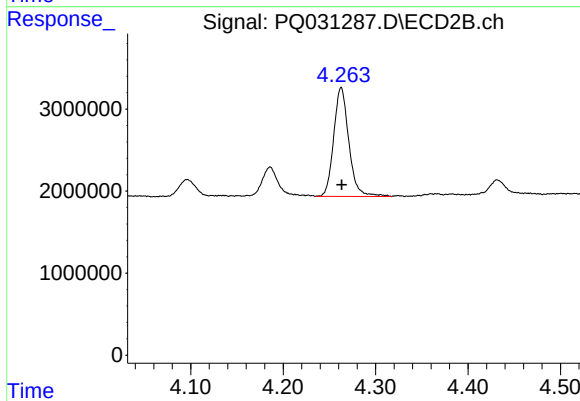
#9 AR-1221-2

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 4264166
Conc: 321.18 ng/ml



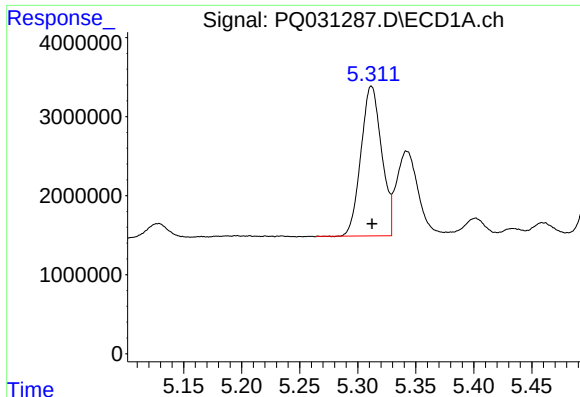
#10 AR-1221-3

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 16443148
Conc: 344.12 ng/ml



#10 AR-1221-3

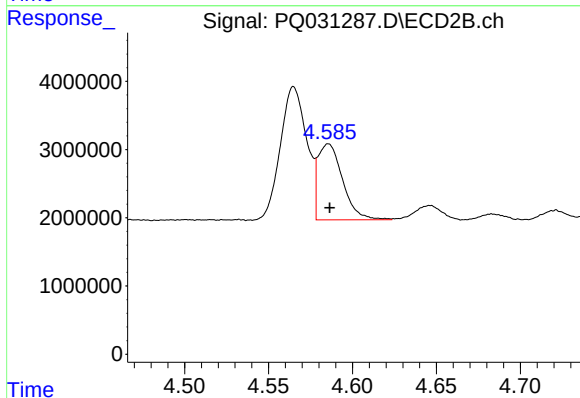
R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 15100236
Conc: 359.63 ng/ml



#11 AR-1232-1

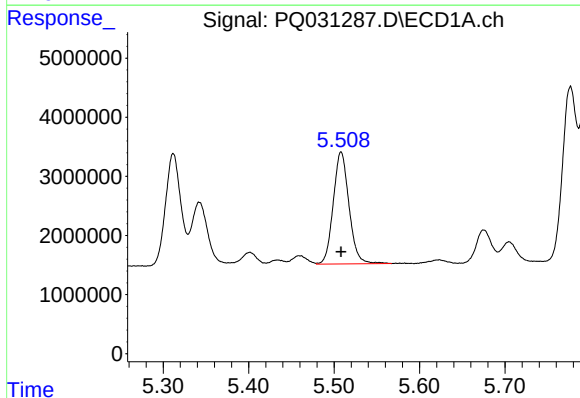
R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 23548865
Conc: 1207.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



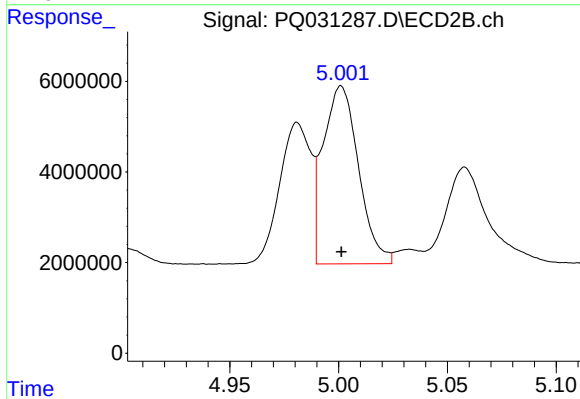
#11 AR-1232-1

R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 11390739
Conc: 1190.82 ng/ml



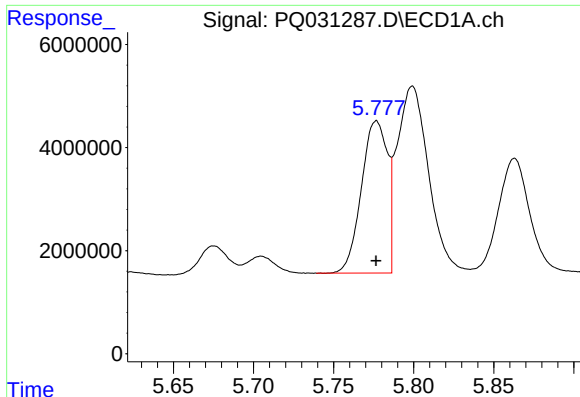
#12 AR-1232-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 24320626
Conc: 1327.87 ng/ml



#12 AR-1232-2

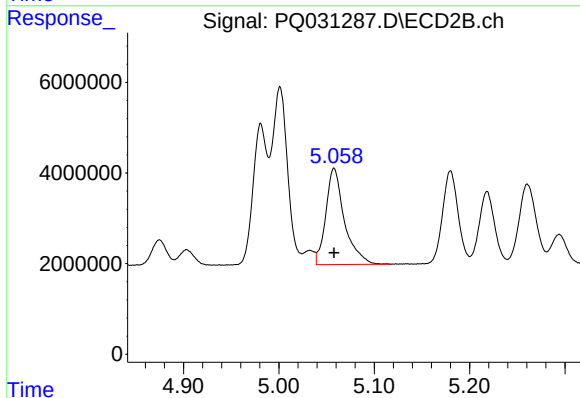
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 44597679
Conc: 1339.58 ng/ml



#13 AR-1232-3

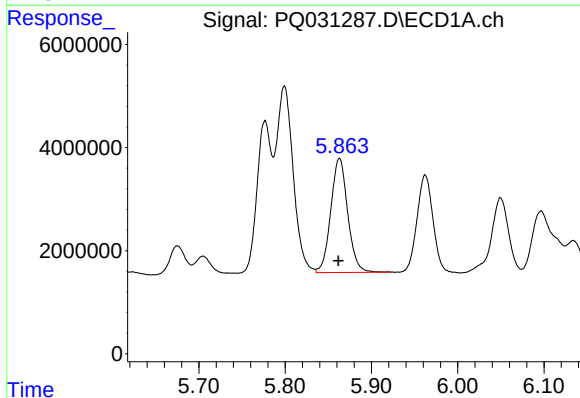
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 33417384
Conc: 1276.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



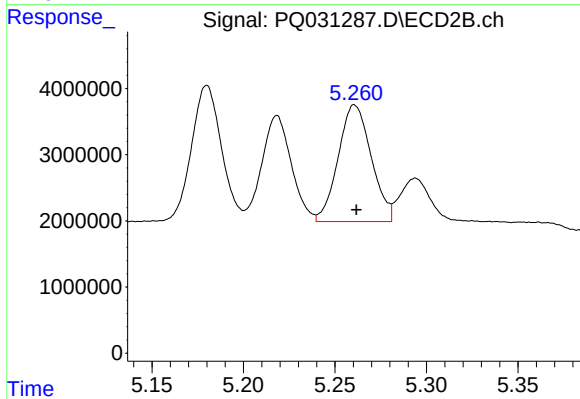
#13 AR-1232-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 28923569
Conc: 1250.02 ng/ml



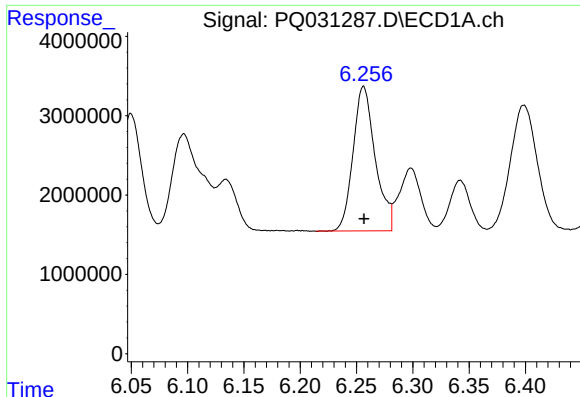
#14 AR-1232-4

R.T.: 5.863 min
Delta R.T.: 0.001 min
Response: 30213985
Conc: 1178.71 ng/ml



#14 AR-1232-4

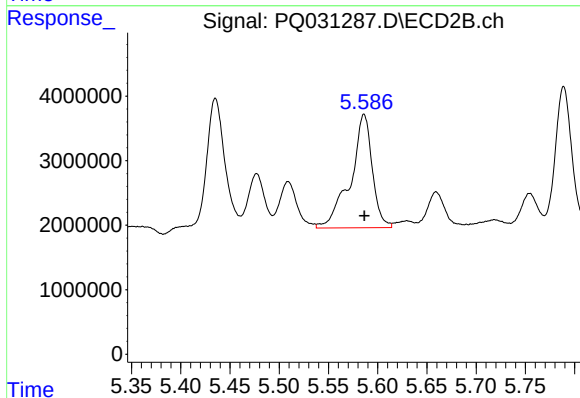
R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 22181881
Conc: 1377.38 ng/ml



#15 AR-1232-5

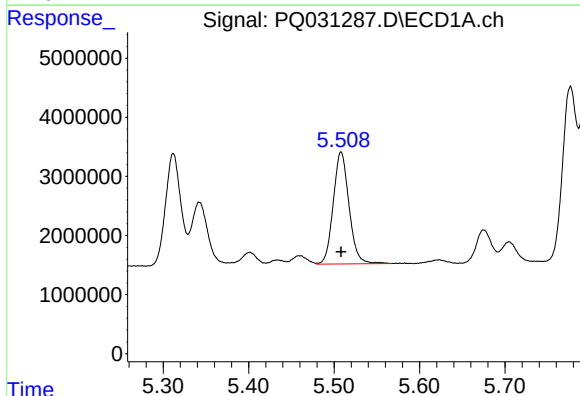
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 24935419
Conc: 1371.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



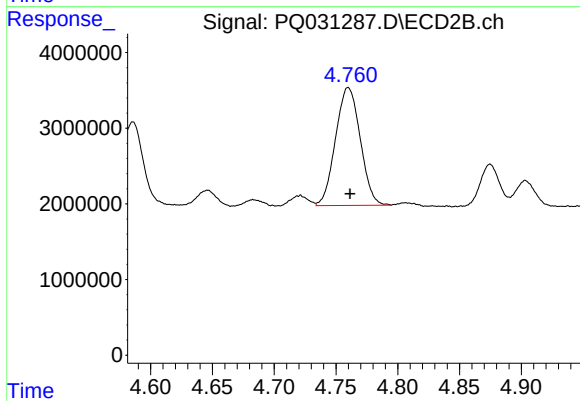
#15 AR-1232-5

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 27048346
Conc: 1435.08 ng/ml



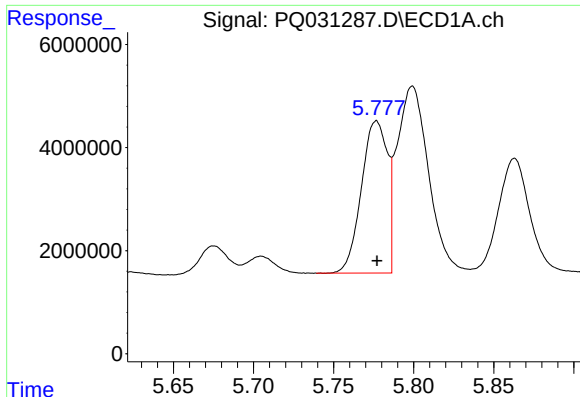
#16 AR-1242-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 24320626
Conc: 708.30 ng/ml



#16 AR-1242-1

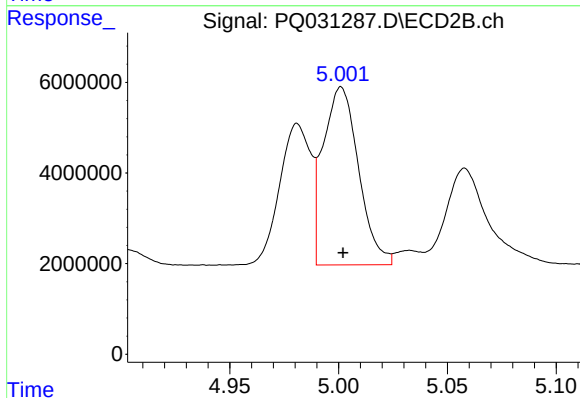
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 21694831
Conc: 721.90 ng/ml



#17 AR-1242-2

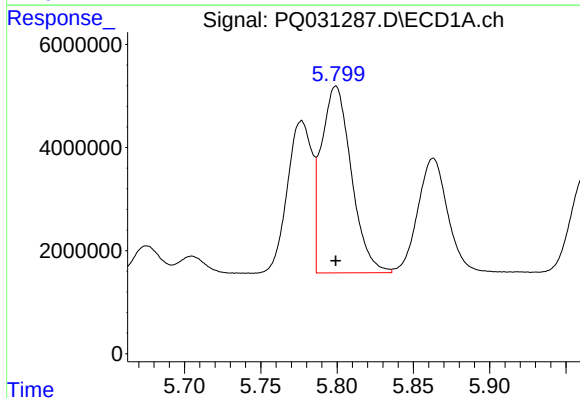
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 33417384
Conc: 718.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



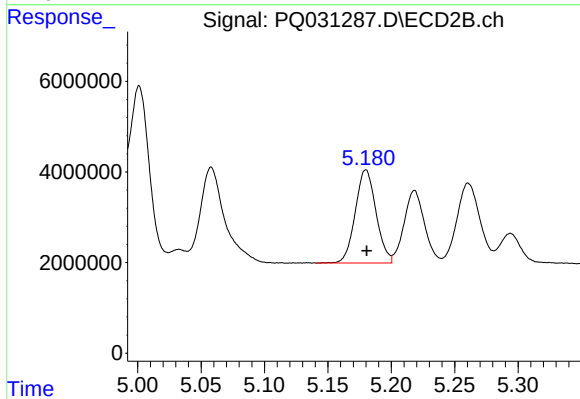
#17 AR-1242-2

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 44597679
Conc: 748.18 ng/ml



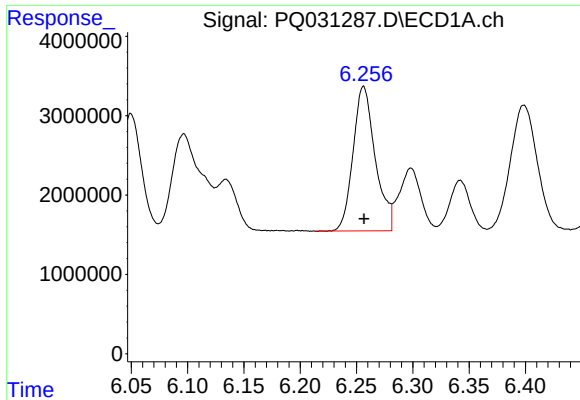
#18 AR-1242-3

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 49535600
Conc: 720.94 ng/ml



#18 AR-1242-3

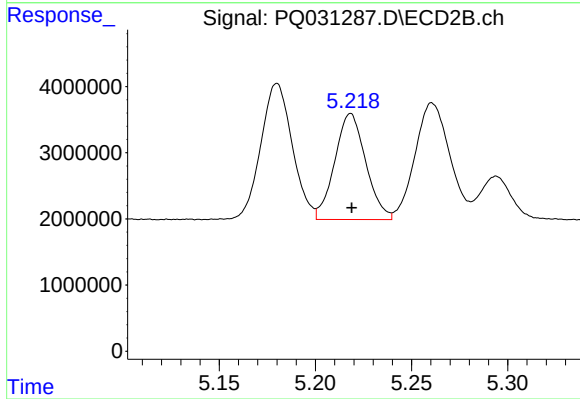
R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 23419761
Conc: 738.12 ng/ml



#19 AR-1242-4

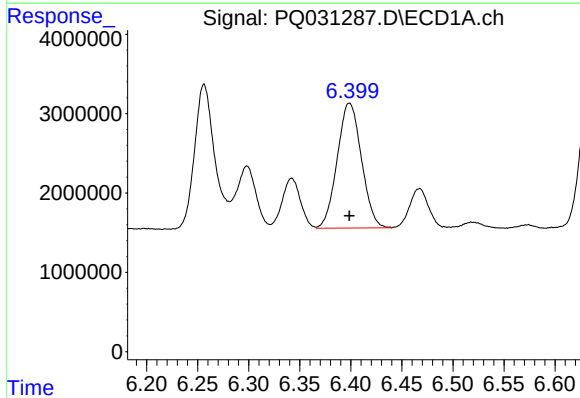
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 24935419
Conc: 697.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



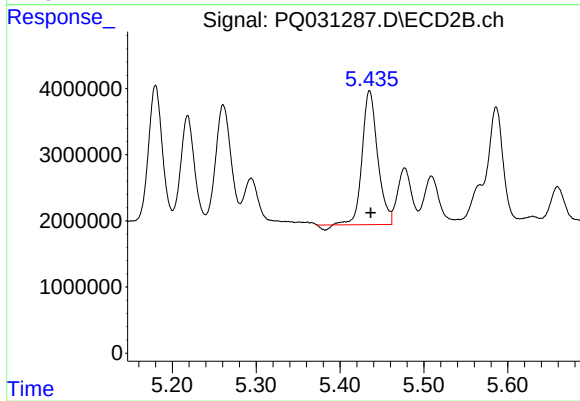
#19 AR-1242-4

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 17989436
Conc: 725.75 ng/ml



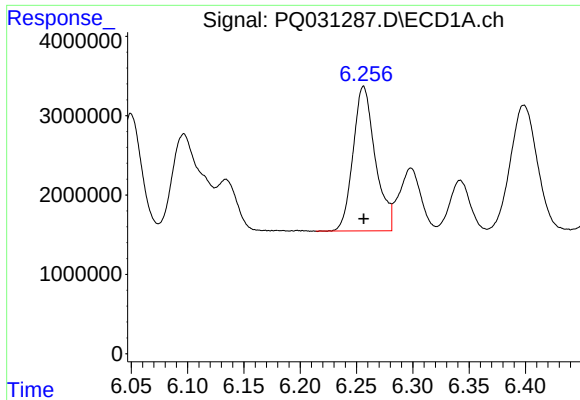
#20 AR-1242-5

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 25958300
Conc: 666.44 ng/ml



#20 AR-1242-5

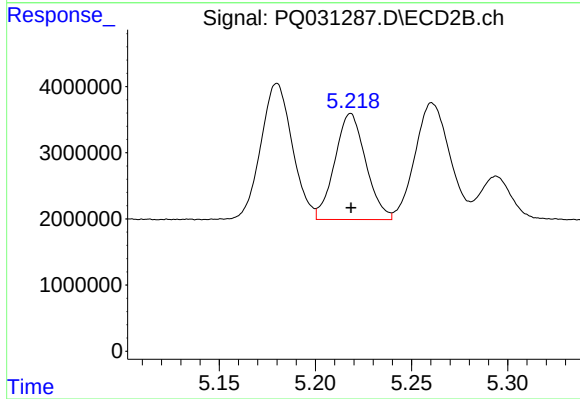
R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 25804979
Conc: 744.06 ng/ml



#21 AR-1248-1

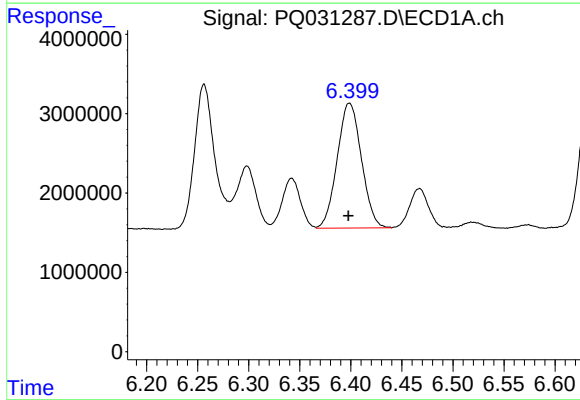
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 24935419
Conc: 399.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



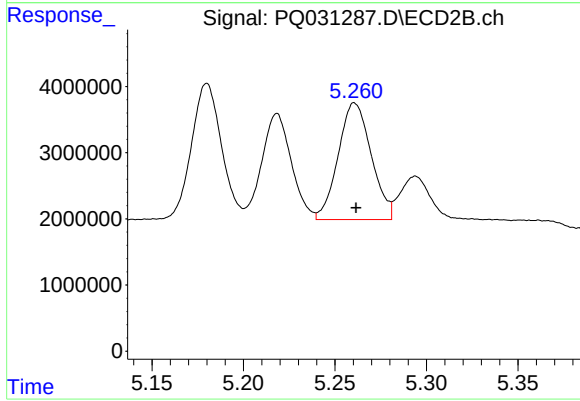
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 17989436
Conc: 376.17 ng/ml



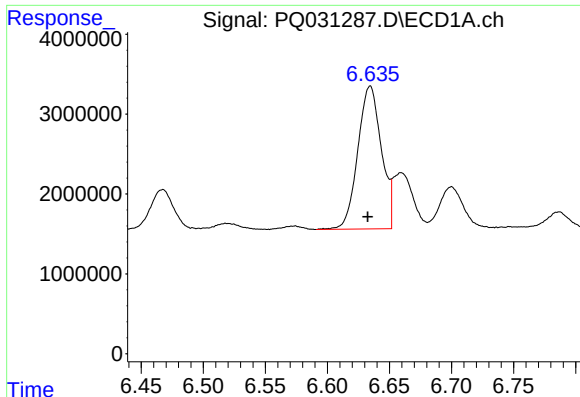
#22 AR-1248-2

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 25958300
Conc: 496.16 ng/ml



#22 AR-1248-2

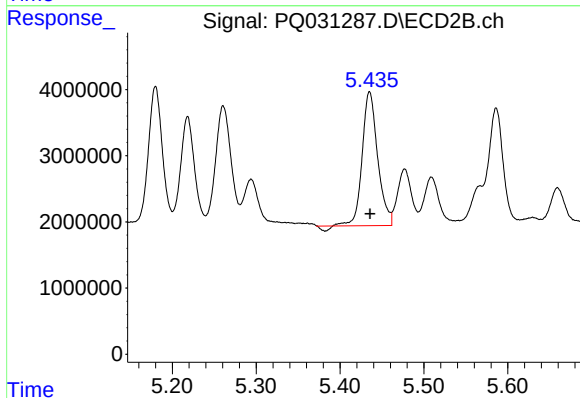
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 22181881
Conc: 454.45 ng/ml



#23 AR-1248-3

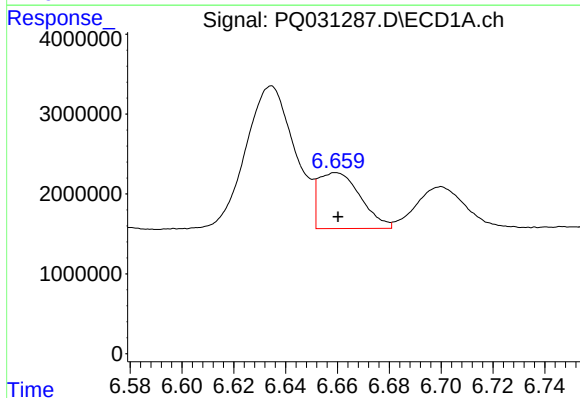
R.T.: 6.634 min
Delta R.T.: 0.002 min
Response: 23632712
Conc: 434.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



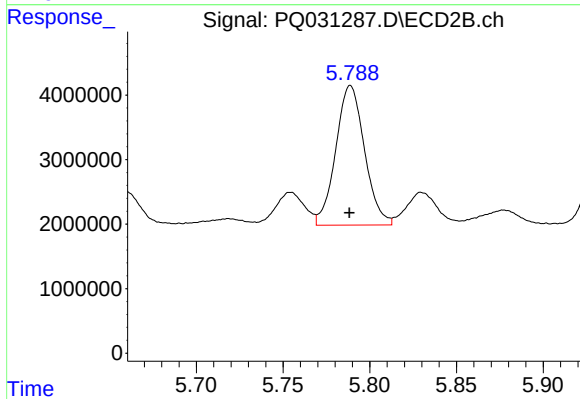
#23 AR-1248-3

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 25804979
Conc: 436.04 ng/ml



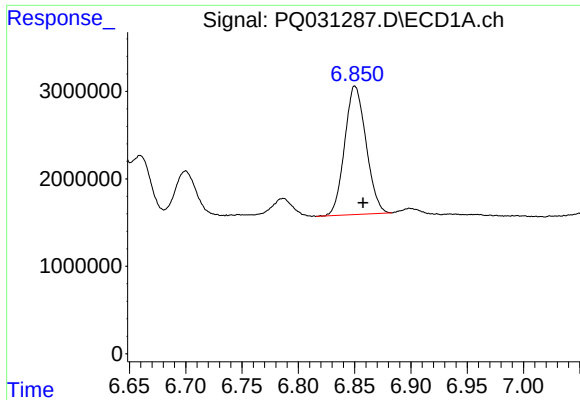
#24 AR-1248-4

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 7892358
Conc: 109.53 ng/ml



#24 AR-1248-4

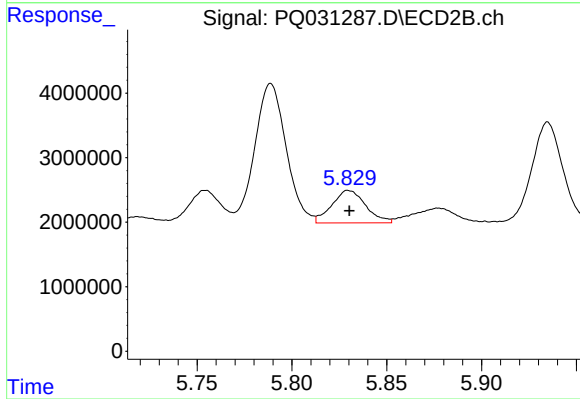
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 25027899
Conc: 281.73 ng/ml



#25 AR-1248-5

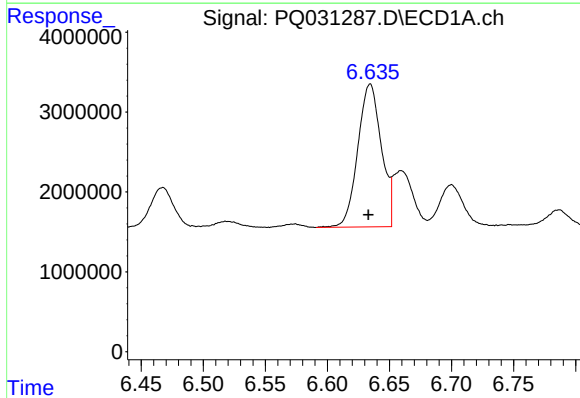
R.T.: 6.850 min
Delta R.T.: -0.007 min
Response: 19401234
Conc: 269.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



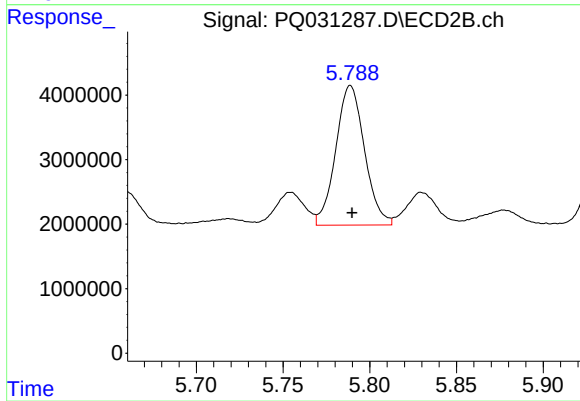
#25 AR-1248-5

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 6265762
Conc: 103.52 ng/ml



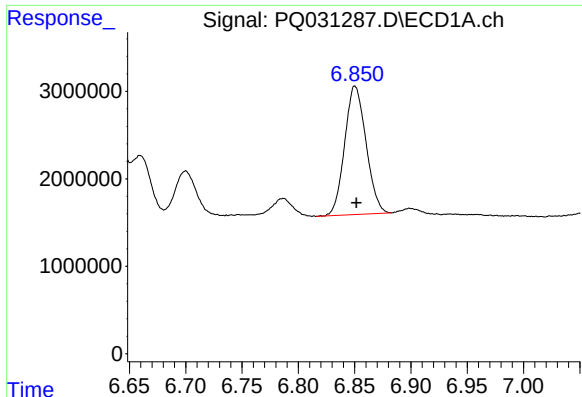
#26 AR-1254-1

R.T.: 6.634 min
Delta R.T.: 0.001 min
Response: 23632712
Conc: 280.99 ng/ml



#26 AR-1254-1

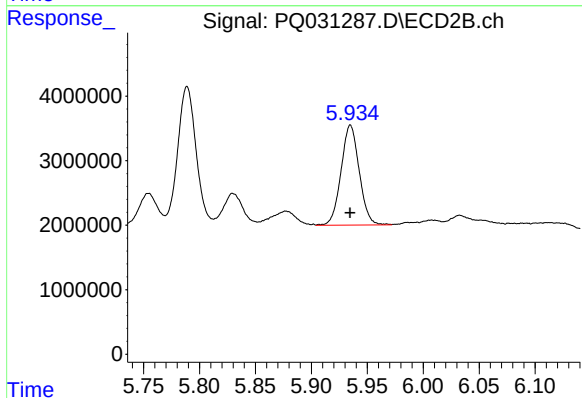
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 25027899
Conc: 233.21 ng/ml



#27 AR-1254-2

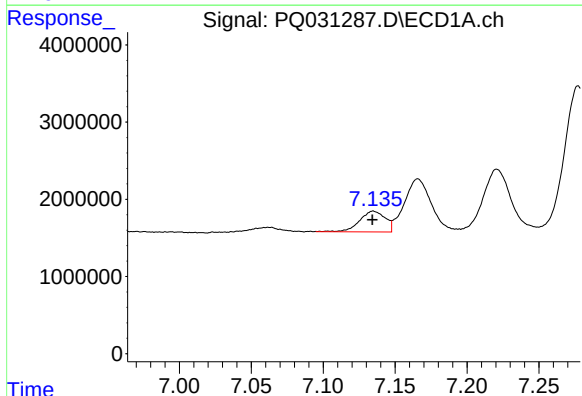
R.T.: 6.850 min
Delta R.T.: -0.001 min
Response: 19401234
Conc: 146.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



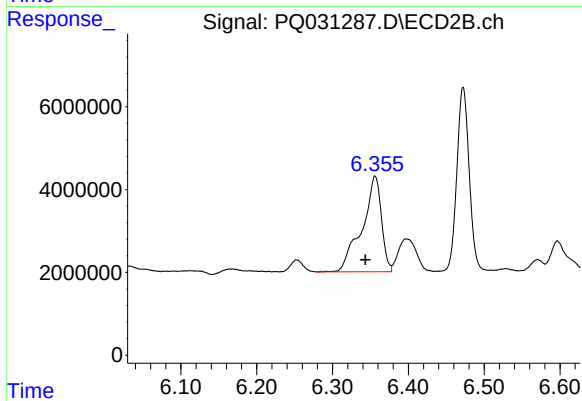
#27 AR-1254-2

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 17553117
Conc: 186.80 ng/ml



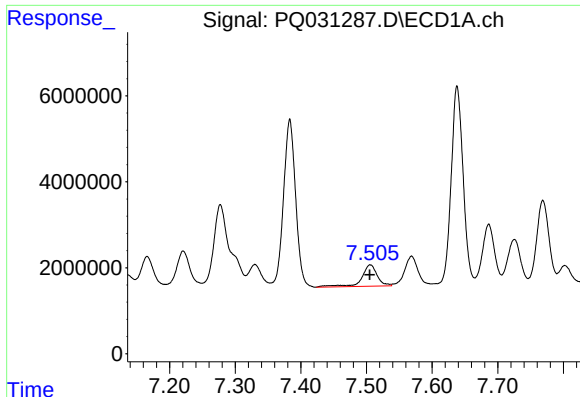
#28 AR-1254-3

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 3324916
Conc: 41.22 ng/ml



#28 AR-1254-3

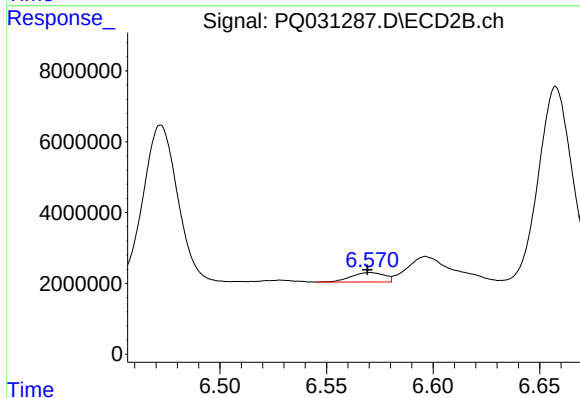
R.T.: 6.356 min
Delta R.T.: 0.013 min
Response: 41109690
Conc: 256.79 ng/ml



#29 AR-1254-4

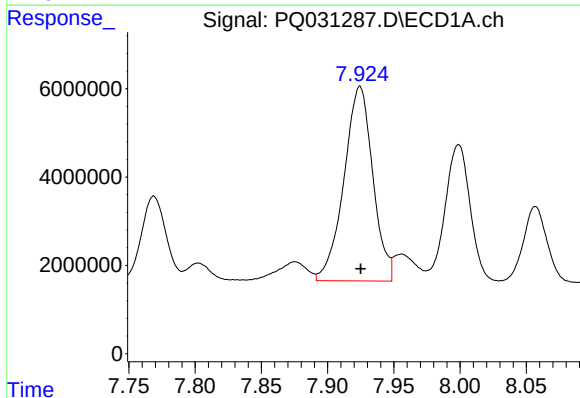
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 8261395
Conc: 77.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



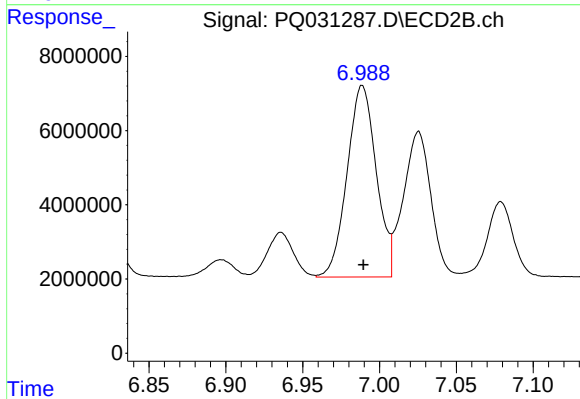
#29 AR-1254-4

R.T.: 6.570 min
Delta R.T.: 0.001 min
Response: 2908733
Conc: 29.29 ng/ml



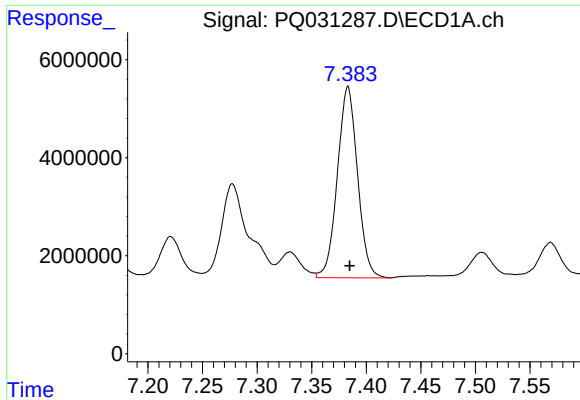
#30 AR-1254-5

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 66847075
Conc: 586.51 ng/ml



#30 AR-1254-5

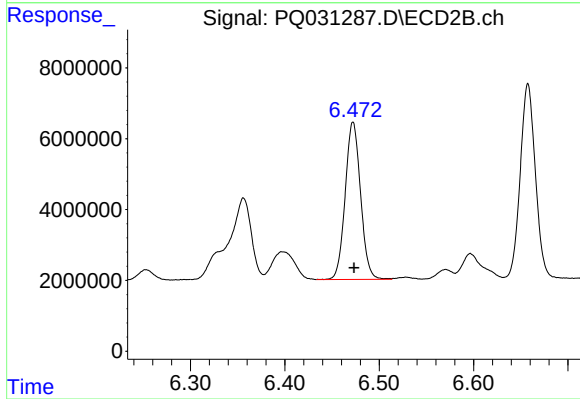
R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 68308727
Conc: 491.00 ng/ml



#31 AR-1260-1

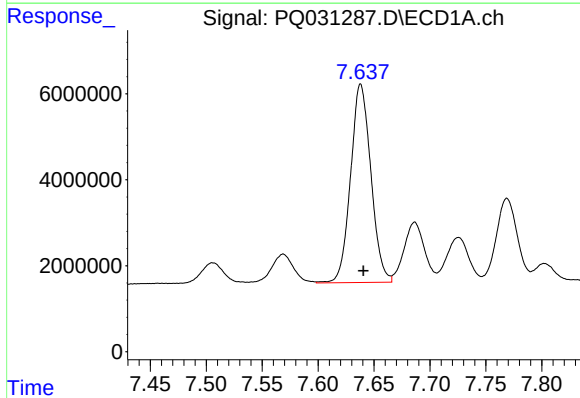
R.T.: 7.383 min
Delta R.T.: -0.002 min
Response: 50066689
Conc: 475.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



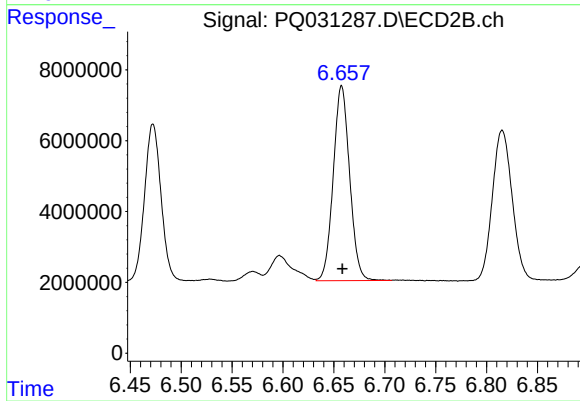
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 50370648
Conc: 471.70 ng/ml



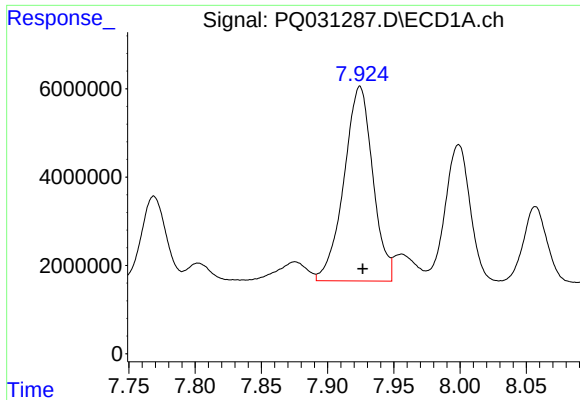
#32 AR-1260-2

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 58524236
Conc: 462.74 ng/ml



#32 AR-1260-2

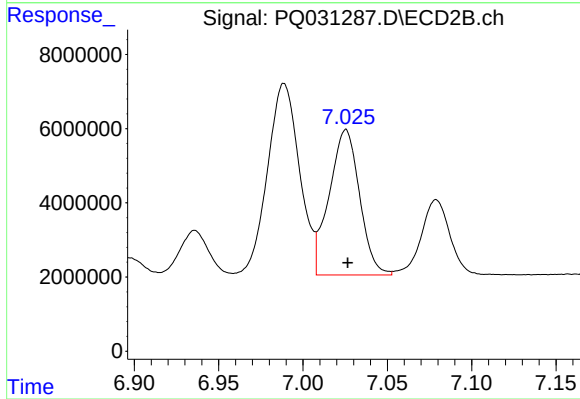
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 61559407
Conc: 472.57 ng/ml



#33 AR-1260-3

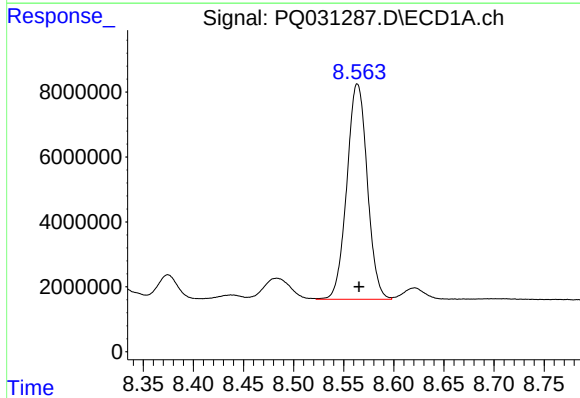
R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 66847075
Conc: 465.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



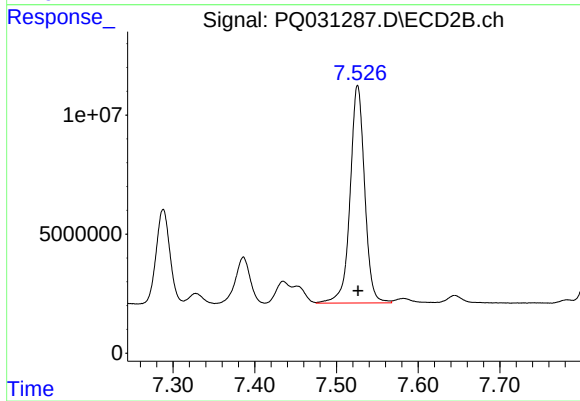
#33 AR-1260-3

R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 49128248
Conc: 469.94 ng/ml



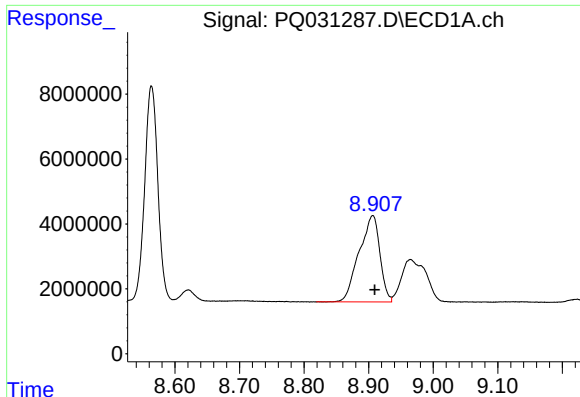
#34 AR-1260-4

R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 94206003
Conc: 447.22 ng/ml



#34 AR-1260-4

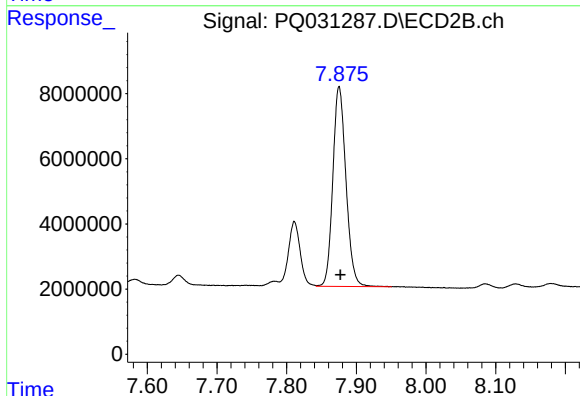
R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 112870381
Conc: 474.12 ng/ml



#35 AR-1260-5

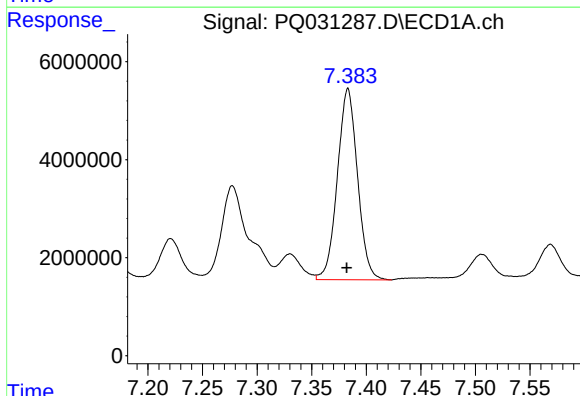
R.T.: 8.906 min
Delta R.T.: -0.003 min
Response: 59608057
Conc: 450.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



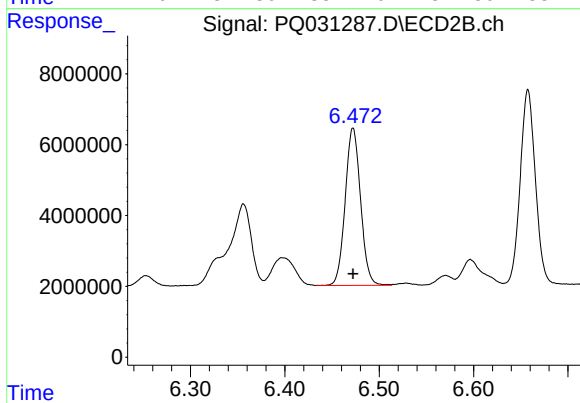
#35 AR-1260-5

R.T.: 7.875 min
Delta R.T.: -0.002 min
Response: 80213425
Conc: 462.02 ng/ml



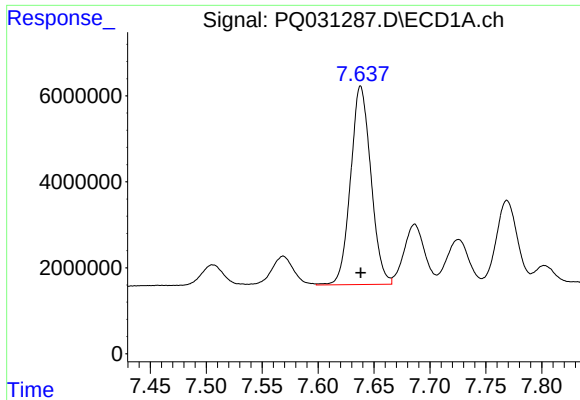
#36 AR-1262-1

R.T.: 7.383 min
Delta R.T.: 0.001 min
Response: 50066689
Conc: 569.07 ng/ml



#36 AR-1262-1

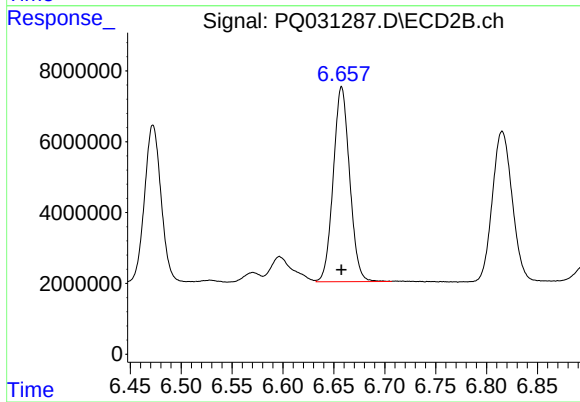
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 50370648
Conc: 579.91 ng/ml



#37 AR-1262-2

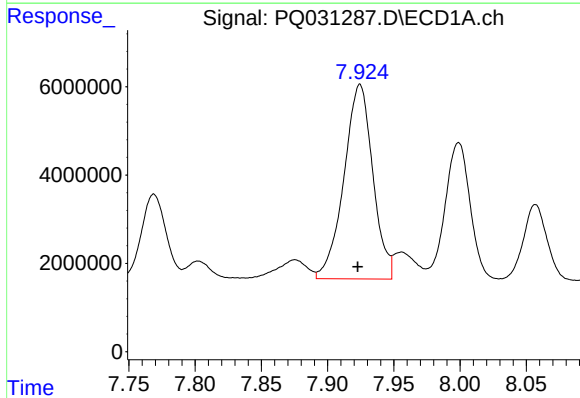
R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 58524236
Conc: 567.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



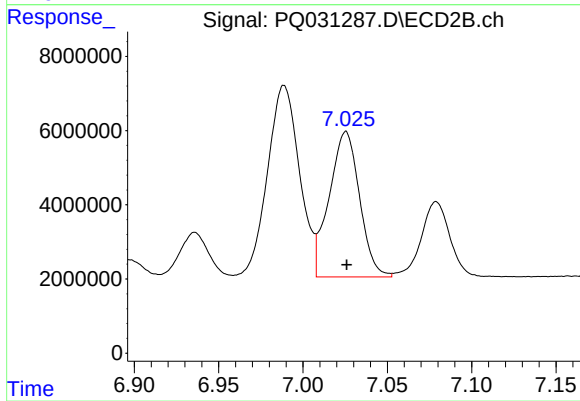
#37 AR-1262-2

R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 61559407
Conc: 587.77 ng/ml



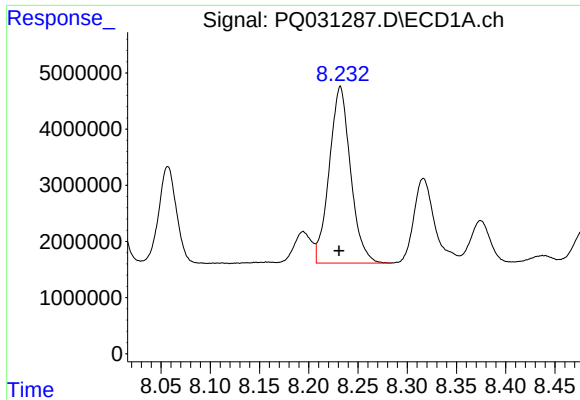
#38 AR-1262-3

R.T.: 7.924 min
Delta R.T.: 0.002 min
Response: 66847075
Conc: 673.16 ng/ml



#38 AR-1262-3

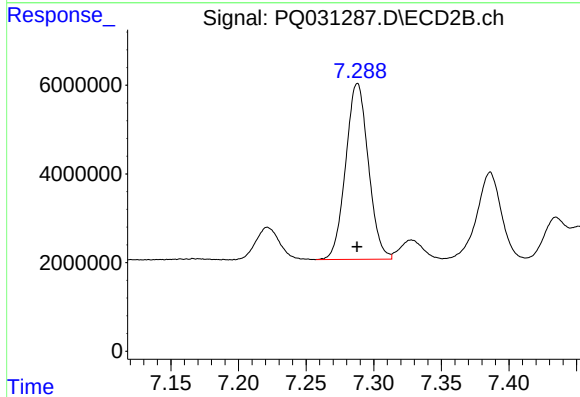
R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 49128248
Conc: 334.21 ng/ml



#39 AR-1262-4

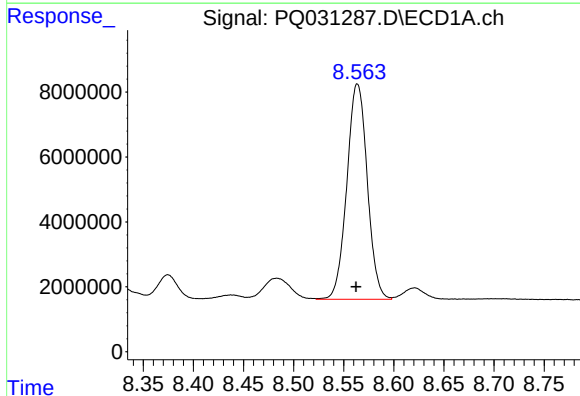
R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 47297095
Conc: 368.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



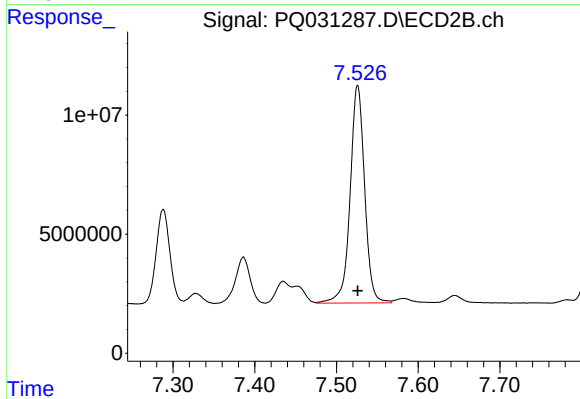
#39 AR-1262-4

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 46353369
Conc: 349.03 ng/ml



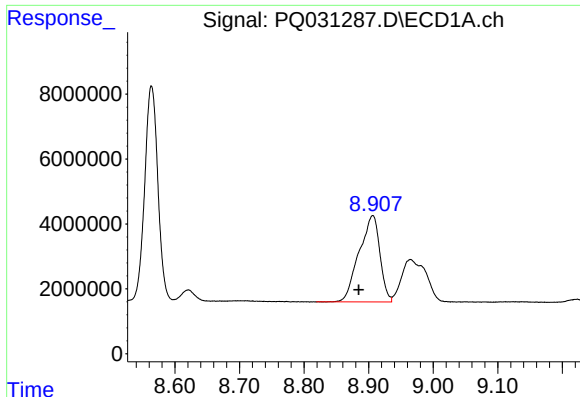
#40 AR-1262-5

R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 94206003
Conc: 376.01 ng/ml



#40 AR-1262-5

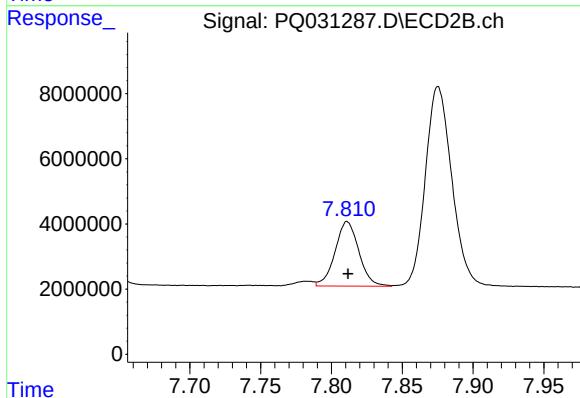
R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 112870381
Conc: 404.25 ng/ml



#41 AR-1268-1

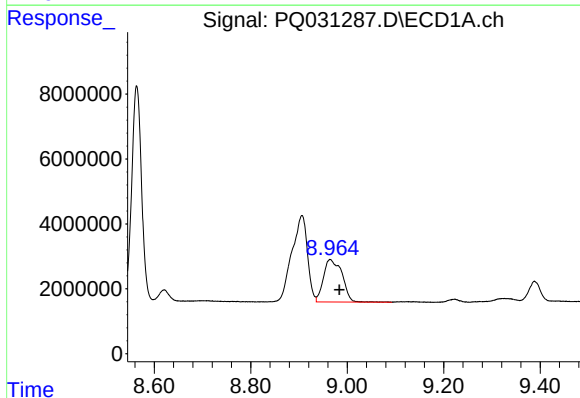
R.T.: 8.906 min
Delta R.T.: 0.022 min
Response: 59608057
Conc: 242.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



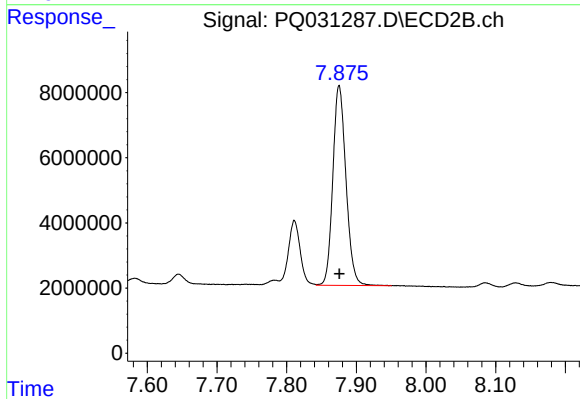
#41 AR-1268-1

R.T.: 7.811 min
Delta R.T.: 0.000 min
Response: 23146510
Conc: 86.83 ng/ml



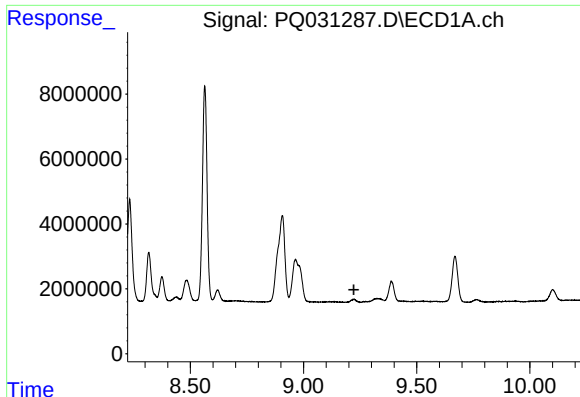
#42 AR-1268-2

R.T.: 8.965 min
Delta R.T.: -0.019 min
Response: 35079651
Conc: 157.62 ng/ml



#42 AR-1268-2

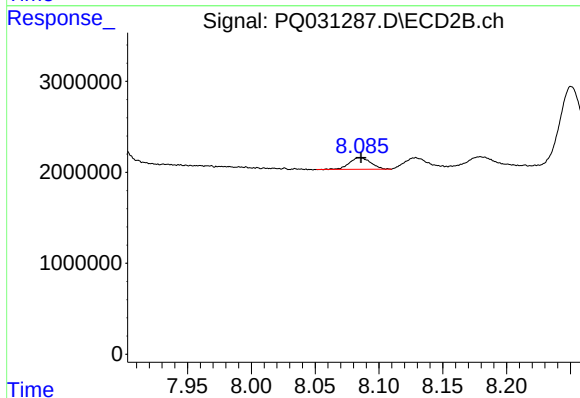
R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 80213425
Conc: 331.71 ng/ml



#43 AR-1268-3

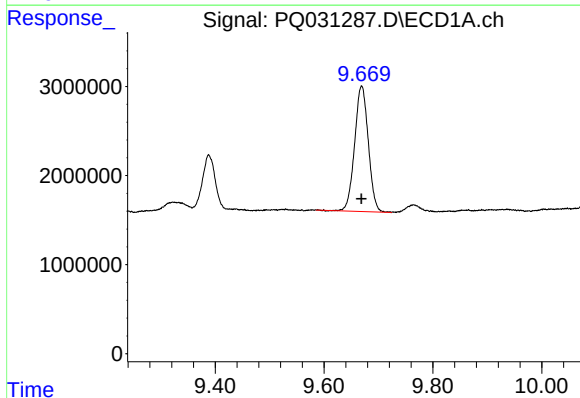
R.T.: 0.000 min
Exp R.T.: 9.223 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



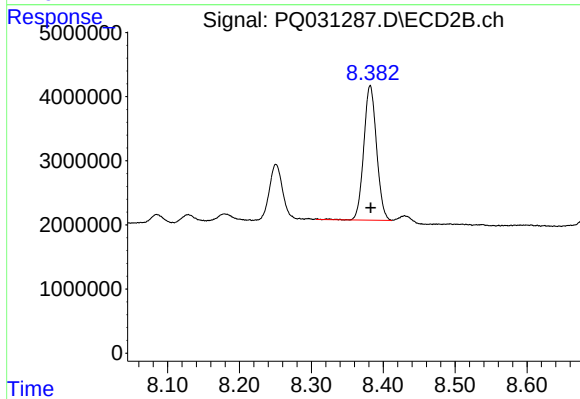
#43 AR-1268-3

R.T.: 8.085 min
Delta R.T.: -0.001 min
Response: 1514725
Conc: 7.52 ng/ml



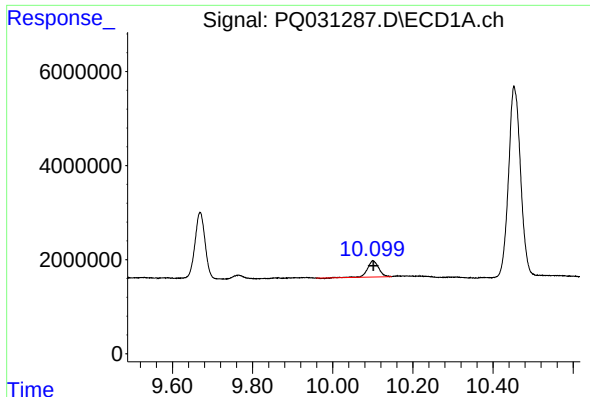
#44 AR-1268-4

R.T.: 9.669 min
Delta R.T.: 0.000 min
Response: 24546959
Conc: 298.18 ng/ml



#44 AR-1268-4

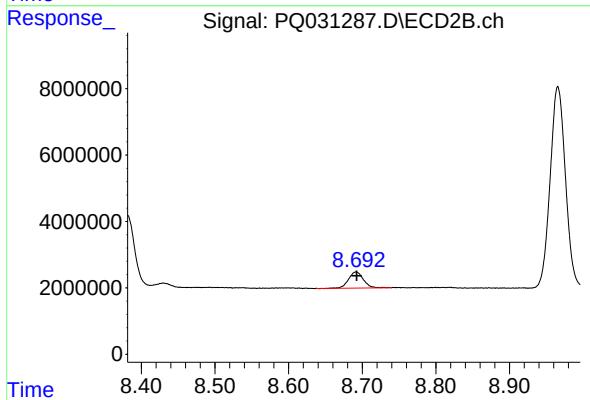
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 25902682
Conc: 291.56 ng/ml



#45 AR-1268-5

R.T.: 10.100 min
Delta R.T.: -0.002 min
Response: 6728060
Conc: 11.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.692 min
Delta R.T.: 0.000 min
Response: 6802535
Conc: 10.46 ng/ml