

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082218\
 Data File : PQ031330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2018 16:22
 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 23 04:23:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 22 08:49:07 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	3.880	114.9E6	105.8E6	55.213	59.085
2)	SA Decachlor...	10.453	8.964	82758901	87097624	43.828	45.817
Target Compounds							
3)	L1 AR-1016-1	5.508	4.759	26590268	23749871	544.913	535.979
4)	L1 AR-1016-2	5.862	4.980	29582554	34304681	467.053	550.715
5)	L1 AR-1016-3	5.962	5.000	25053508	47915938	489.611	536.447
6)	L1 AR-1016-4	6.049	5.057	21578168	31479489	496.918	525.301
7)	L1 AR-1016-5	6.398	5.434	30131126	23366975	545.043	459.259
8)	L2 AR-1221-1	4.804	4.095	3094402	2965280	155.007	184.710
9)	L2 AR-1221-2	4.897	4.185	5135797	4426584	330.307	333.414
10)	L2 AR-1221-3	4.974	4.262	18079616	16781154	378.364	399.668
11)	L3 AR-1232-1	5.312	4.585	26320766	12336787	1349.701	1289.727
12)	L3 AR-1232-2	5.508	5.000	26590268	47915938	1451.794	1439.253
13)	L3 AR-1232-3	5.776	5.057	33702940	31479489	1287.635	1360.485
14)	L3 AR-1232-4	5.862	5.260	29582554	23031793	1154.075	1430.153
15)	L3 AR-1232-5	6.256	5.585	25646875	27433705	1410.171	1455.524
16)	L4 AR-1242-1	5.508	4.759	26590268	23749871	774.395	790.283
17)	L4 AR-1242-2	5.776	5.000	33702940	47915938	724.454	803.852
18)	L4 AR-1242-3	5.799	5.179	49688783	24487016	723.165	771.761
19)	L4 AR-1242-4	6.256	5.217	25646875	18707242	717.061	754.710
20)	L4 AR-1242-5	6.398	5.434	30131126	23366975	773.573	673.761
21)	L5 AR-1248-1	6.256	5.217	25646875	18707242	410.484	391.179
22)	L5 AR-1248-2	6.398	5.260	30131126	23031793	575.916	471.864
23)	L5 AR-1248-3	6.633	5.434	27797088	23366975	511.526	394.843
24)	L5 AR-1248-4	6.660	5.788	9560500	25009366	132.685	281.525 #
25)	L5 AR-1248-5	6.850	5.829	18933409	6022942	263.248	99.511 #
26)	L6 AR-1254-1	6.633	5.788	27797088	25009366	330.506	233.037 #
27)	L6 AR-1254-2	6.850	5.933	18933409	17500491	142.813	186.241 #
28)	L6 AR-1254-3	7.135	6.355	3512967	40294257	43.552	251.695 #
29)	L6 AR-1254-4	7.505	6.569	13800515	3565012	129.208	35.896 #
30)	L6 AR-1254-5	7.924	6.988	62466659	68573675	548.073	492.902
31)	L7 AR-1260-1	7.383	6.471	49653277	50501758	463.357	465.900
32)	L7 AR-1260-2	7.637	6.656	56340418	63049690	440.597	483.090
33)	L7 AR-1260-3	7.924	7.024	62466659	48413599	417.799	455.406
34)	L7 AR-1260-4	8.564	7.525	88126741	112.9E6	414.323	469.222
35)	L7 AR-1260-5	8.906	7.874	56262366	80637598	419.974	464.464
36)	L8 AR-1262-1	7.383	6.471	49653277	50501758	564.372	581.422
37)	L8 AR-1262-2	7.637	6.656	56340418	63049690	546.799	601.997
38)	L8 AR-1262-3	7.924	7.024	62466659	48413599	629.053	329.353 #
39)	L8 AR-1262-4	8.232	7.287	43939929	46224104	341.938	348.057
40)	L8 AR-1262-5	8.564	7.525	88126741	112.9E6	351.747	404.431
41)	L9 AR-1268-1	8.906	7.810	56262366	23589409	228.654	88.488 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082218\
 Data File : PQ031330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2018 16:22
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

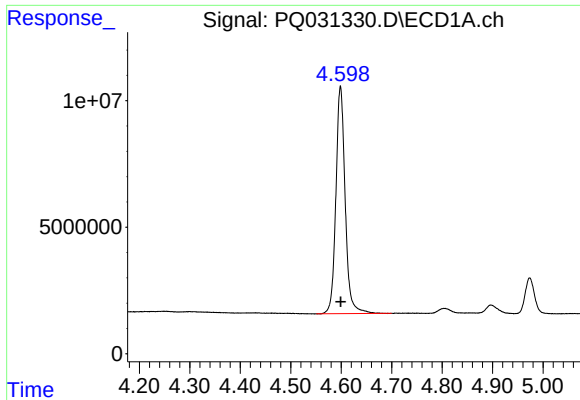
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 04:23:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 22 08:49:07 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
42) L9	AR-1268-2	8.963	7.874	33076835	80637598	148.621	333.468 #
43) L9	AR-1268-3	0.000	8.084	0	1560728	N.D.	7.748 #
44) L9	AR-1268-4	9.669	8.382	23962529	26111388	291.077	293.913
45) L9	AR-1268-5	10.101	8.691	6448723	6613024	10.683	10.172

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



#1 Tetrachloro-m-xylene

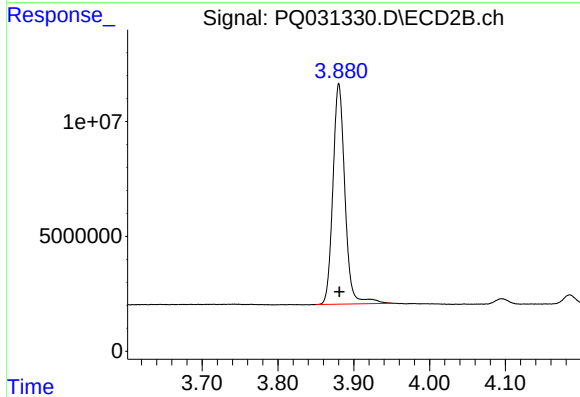
R.T.: 4.599 min

Delta R.T.: 0.000 min

Response: 114886516

Conc: 55.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



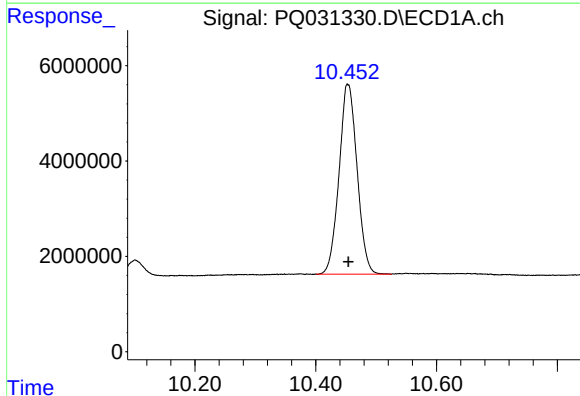
#1 Tetrachloro-m-xylene

R.T.: 3.880 min

Delta R.T.: 0.000 min

Response: 105755014

Conc: 59.09 ng/ml



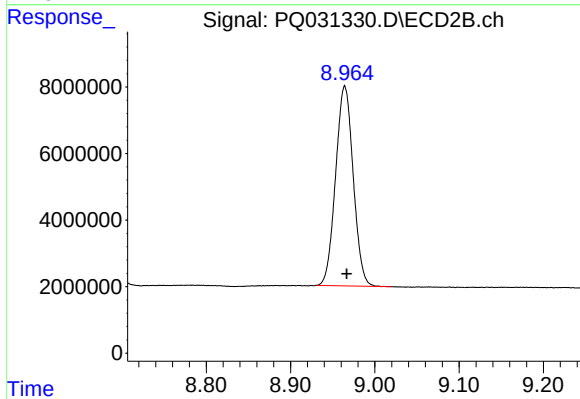
#2 Decachlorobiphenyl

R.T.: 10.453 min

Delta R.T.: -0.001 min

Response: 82758901

Conc: 43.83 ng/ml



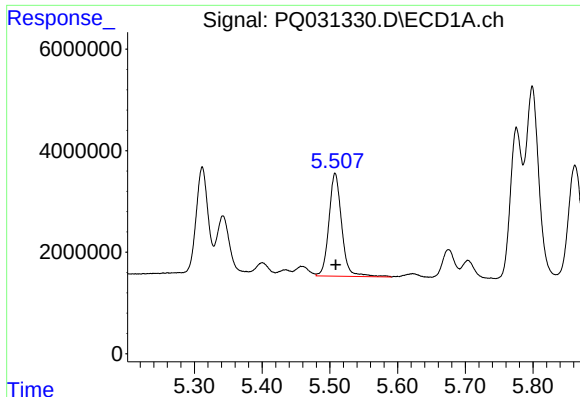
#2 Decachlorobiphenyl

R.T.: 8.964 min

Delta R.T.: -0.002 min

Response: 87097624

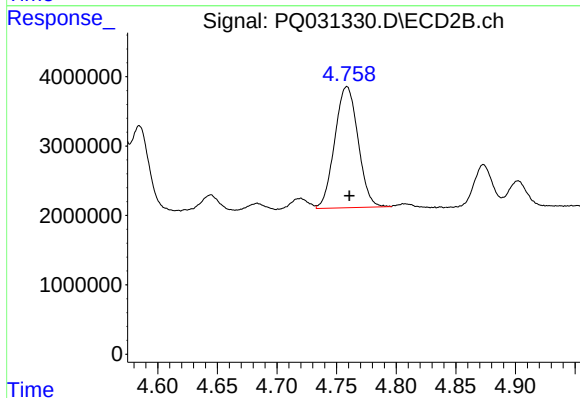
Conc: 45.82 ng/ml



#3 AR-1016-1

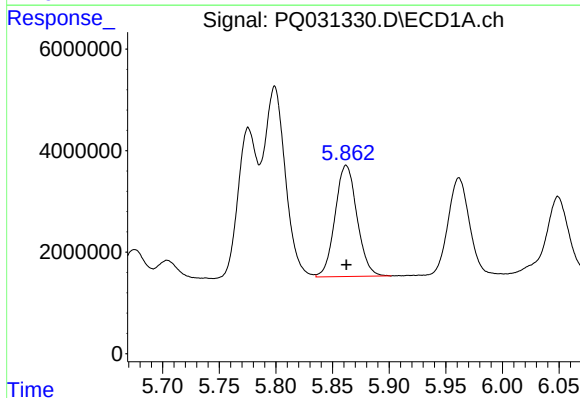
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 26590268
Conc: 544.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



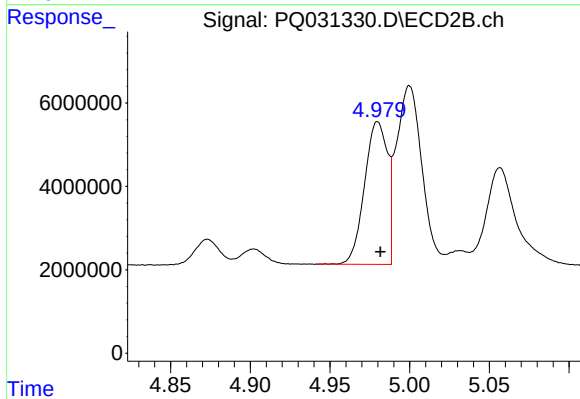
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 23749871
Conc: 535.98 ng/ml



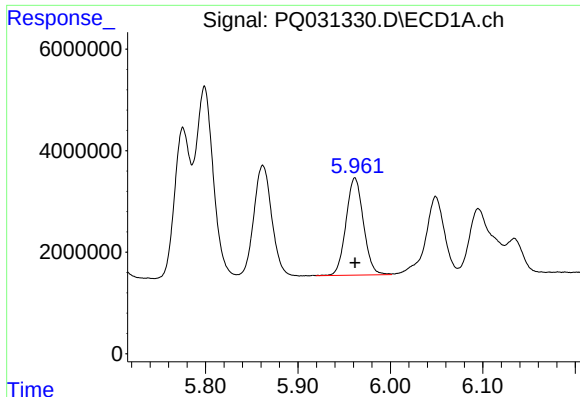
#4 AR-1016-2

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 29582554
Conc: 467.05 ng/ml



#4 AR-1016-2

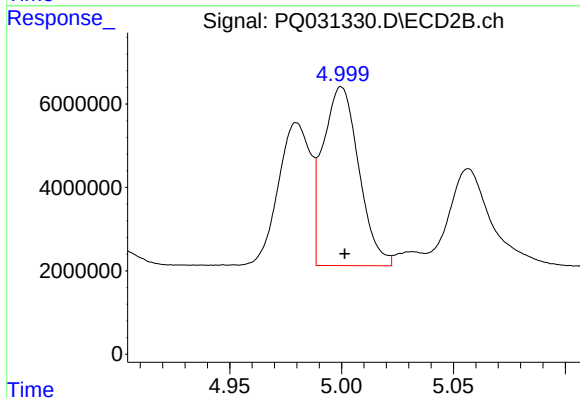
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 34304681
Conc: 550.72 ng/ml



#5 AR-1016-3

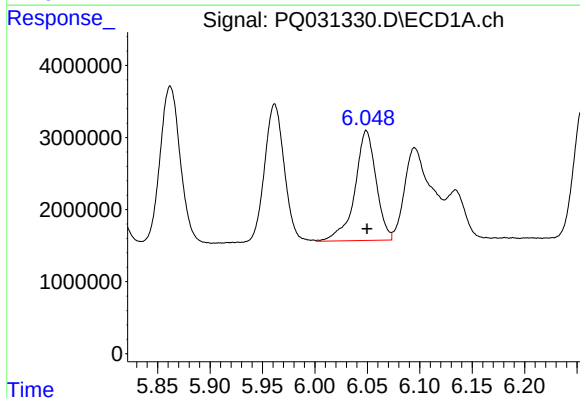
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 25053508
Conc: 489.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



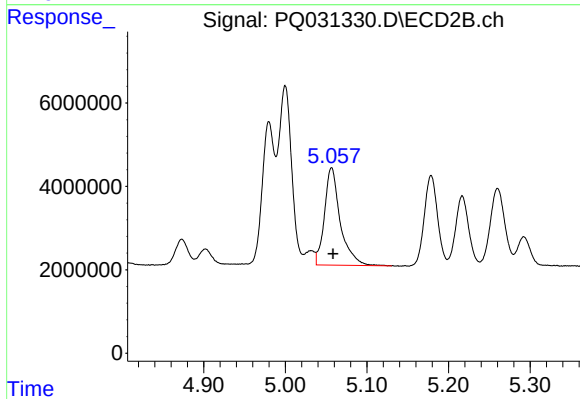
#5 AR-1016-3

R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 47915938
Conc: 536.45 ng/ml



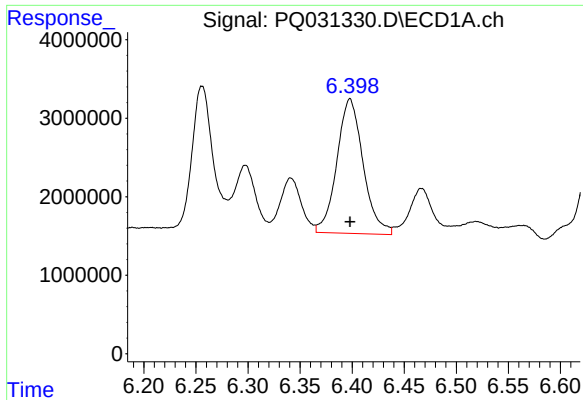
#6 AR-1016-4

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 21578168
Conc: 496.92 ng/ml



#6 AR-1016-4

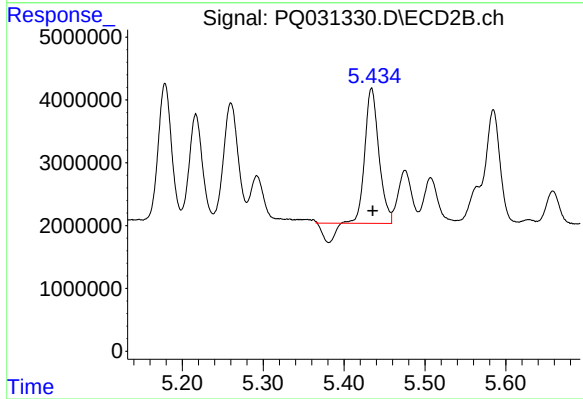
R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 31479489
Conc: 525.30 ng/ml



#7 AR-1016-5

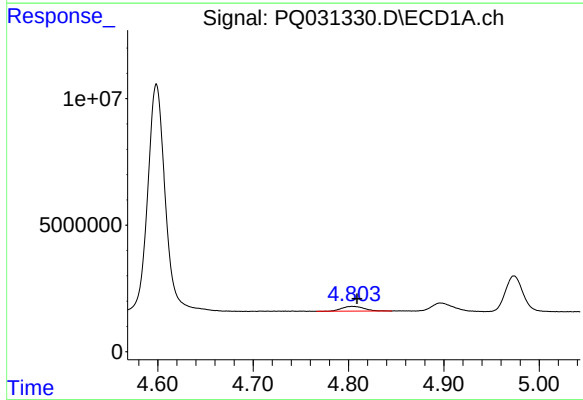
R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 30131126
Conc: 545.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



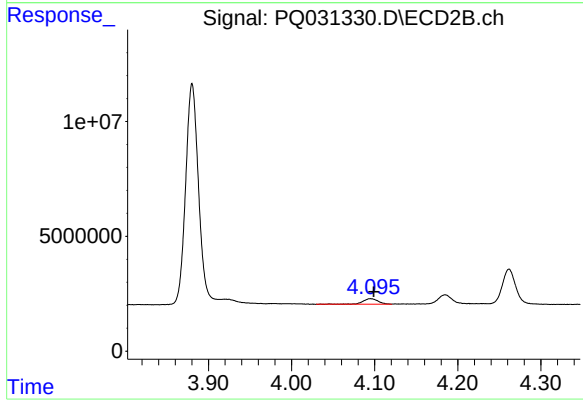
#7 AR-1016-5

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 23366975
Conc: 459.26 ng/ml



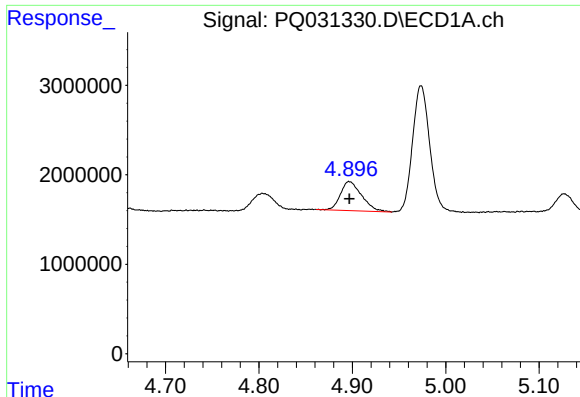
#8 AR-1221-1

R.T.: 4.804 min
Delta R.T.: -0.004 min
Response: 3094402
Conc: 155.01 ng/ml



#8 AR-1221-1

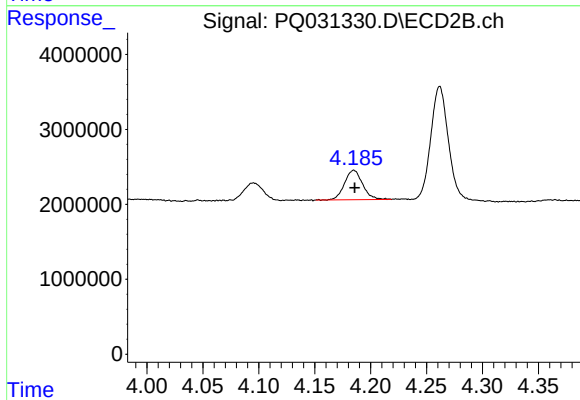
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 2965280
Conc: 184.71 ng/ml



#9 AR-1221-2

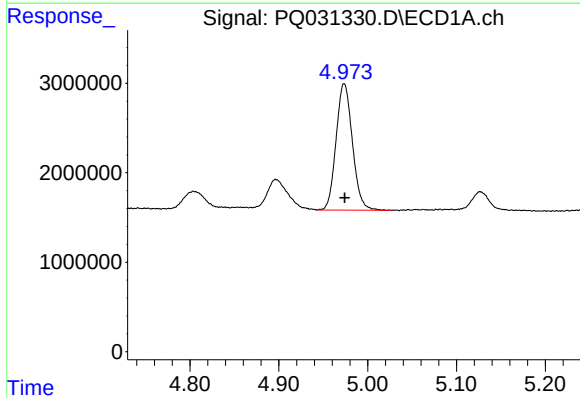
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 5135797
Conc: 330.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



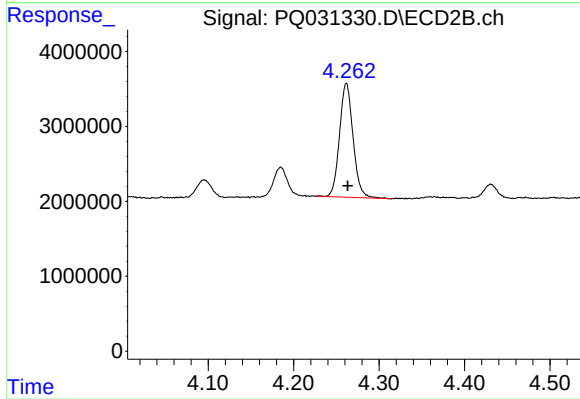
#9 AR-1221-2

R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 4426584
Conc: 333.41 ng/ml



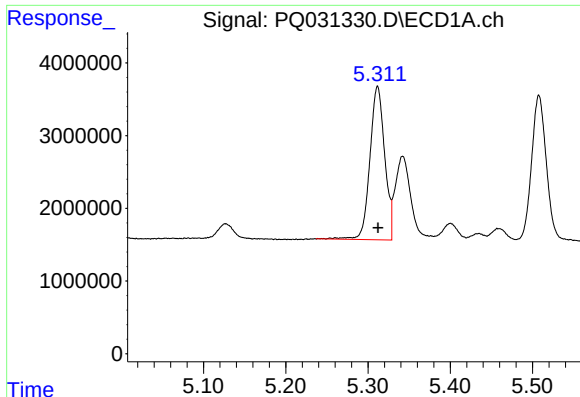
#10 AR-1221-3

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 18079616
Conc: 378.36 ng/ml



#10 AR-1221-3

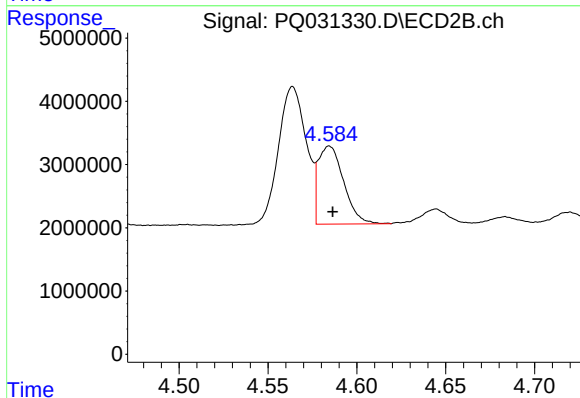
R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 16781154
Conc: 399.67 ng/ml



#11 AR-1232-1

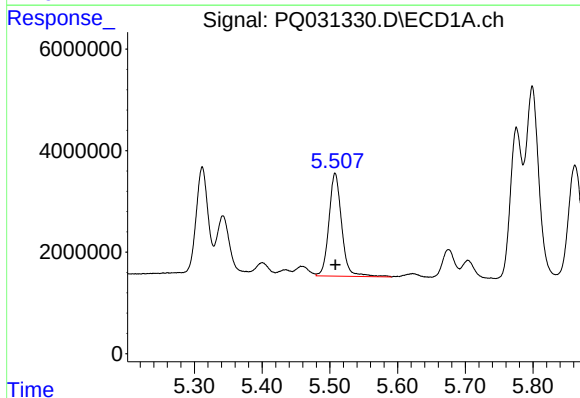
R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 26320766
Conc: 1349.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



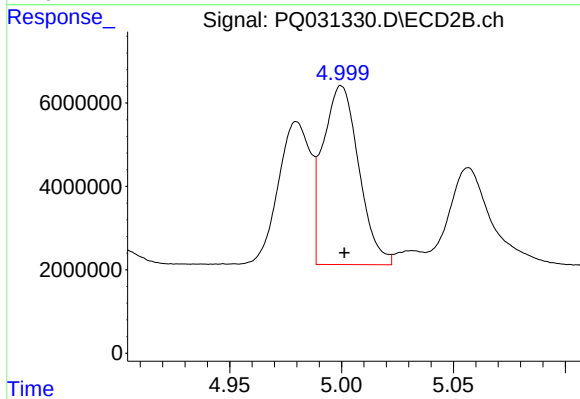
#11 AR-1232-1

R.T.: 4.585 min
Delta R.T.: -0.002 min
Response: 12336787
Conc: 1289.73 ng/ml



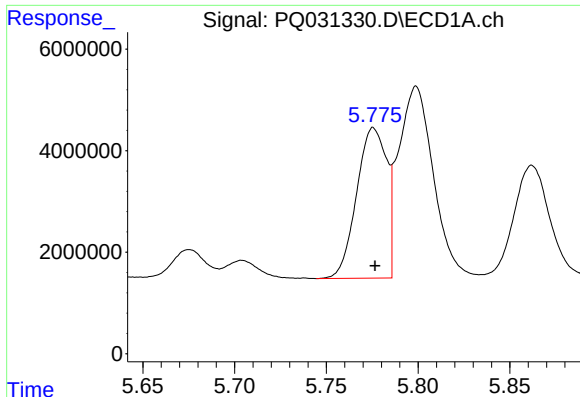
#12 AR-1232-2

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 26590268
Conc: 1451.79 ng/ml



#12 AR-1232-2

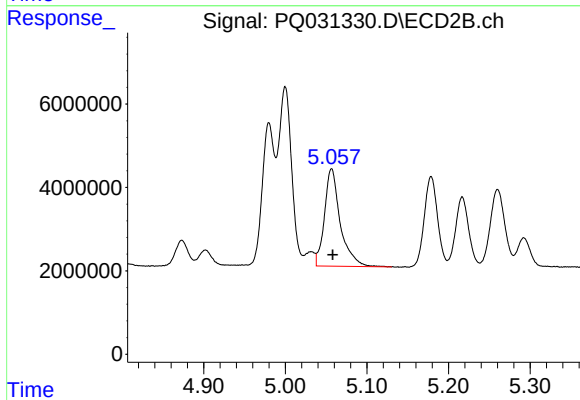
R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 47915938
Conc: 1439.25 ng/ml



#13 AR-1232-3

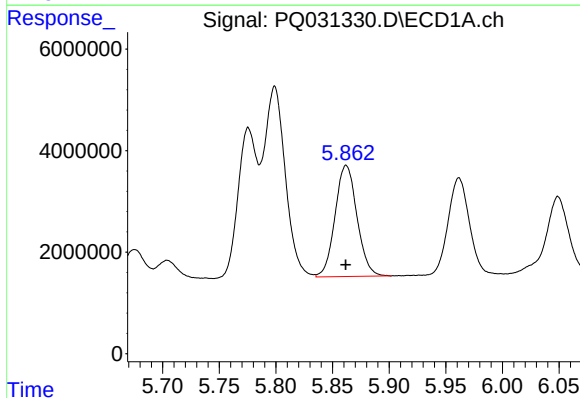
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 33702940
Conc: 1287.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



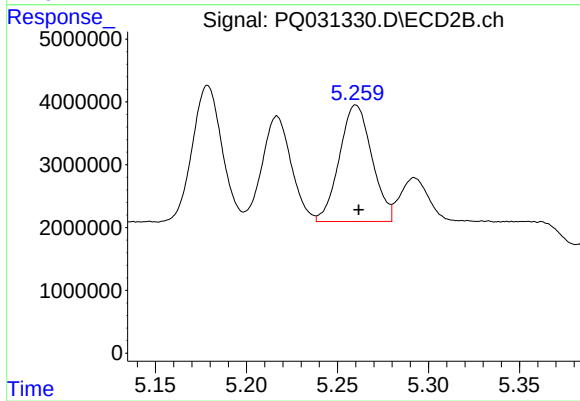
#13 AR-1232-3

R.T.: 5.057 min
Delta R.T.: -0.001 min
Response: 31479489
Conc: 1360.48 ng/ml



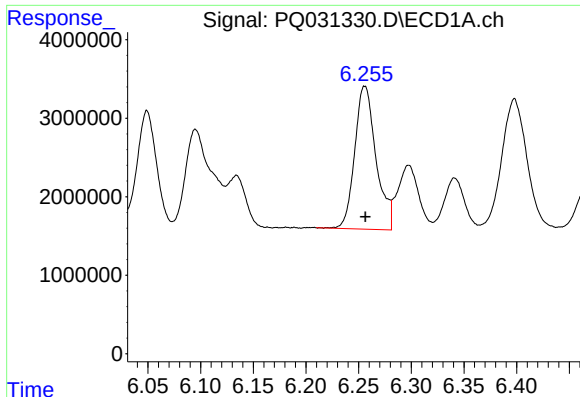
#14 AR-1232-4

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 29582554
Conc: 1154.07 ng/ml



#14 AR-1232-4

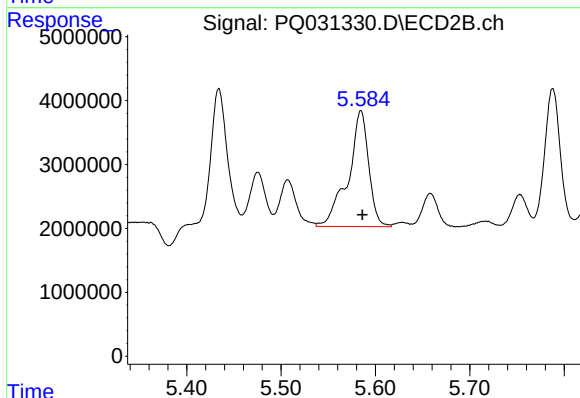
R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 23031793
Conc: 1430.15 ng/ml



#15 AR-1232-5

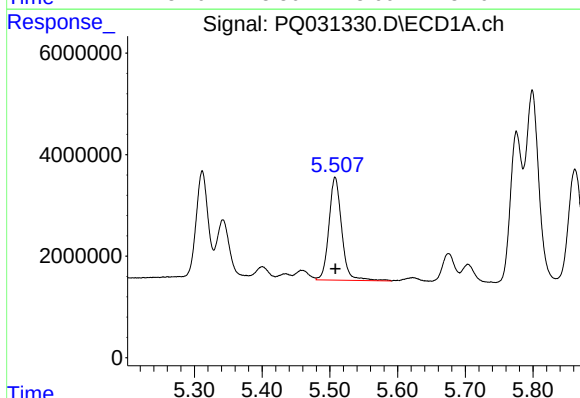
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 25646875
Conc: 1410.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



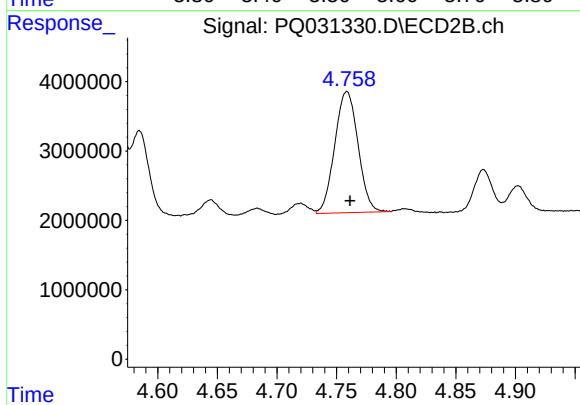
#15 AR-1232-5

R.T.: 5.585 min
Delta R.T.: -0.002 min
Response: 27433705
Conc: 1455.52 ng/ml



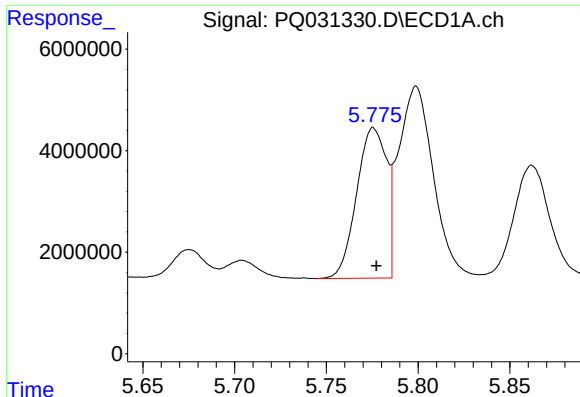
#16 AR-1242-1

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 26590268
Conc: 774.40 ng/ml



#16 AR-1242-1

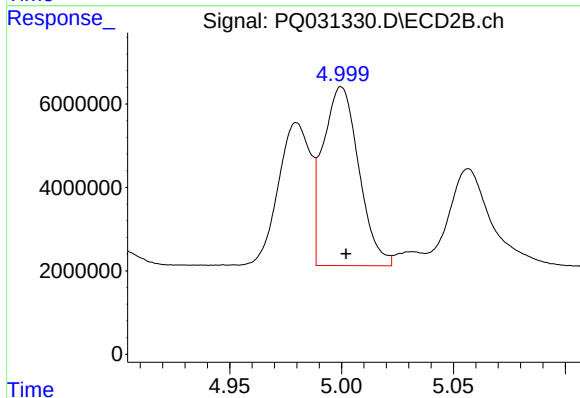
R.T.: 4.759 min
Delta R.T.: -0.003 min
Response: 23749871
Conc: 790.28 ng/ml



#17 AR-1242-2

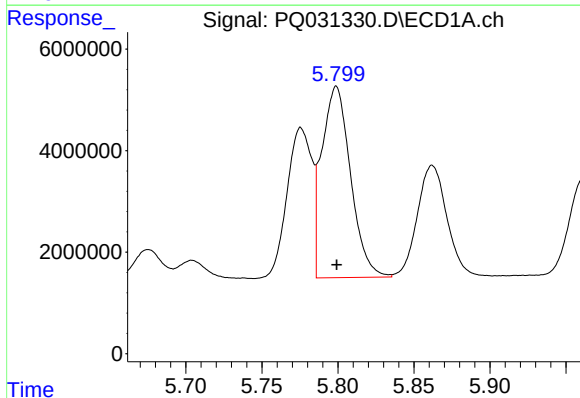
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 33702940
Conc: 724.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



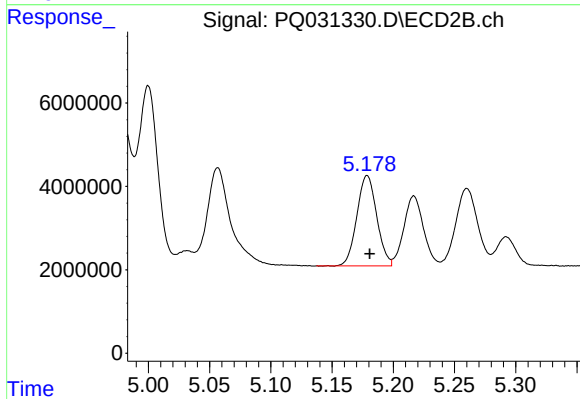
#17 AR-1242-2

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 47915938
Conc: 803.85 ng/ml



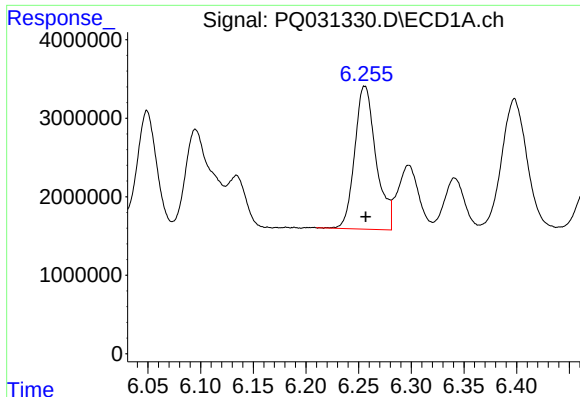
#18 AR-1242-3

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 49688783
Conc: 723.17 ng/ml



#18 AR-1242-3

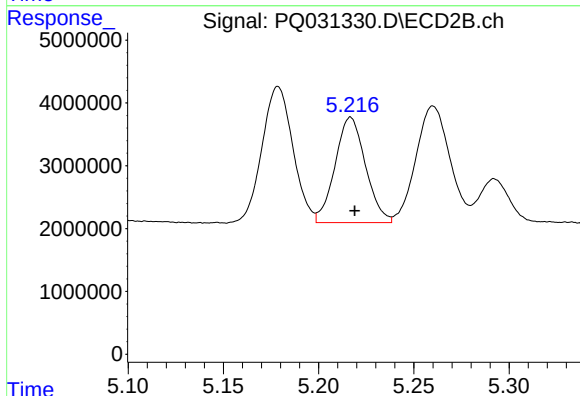
R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 24487016
Conc: 771.76 ng/ml



#19 AR-1242-4

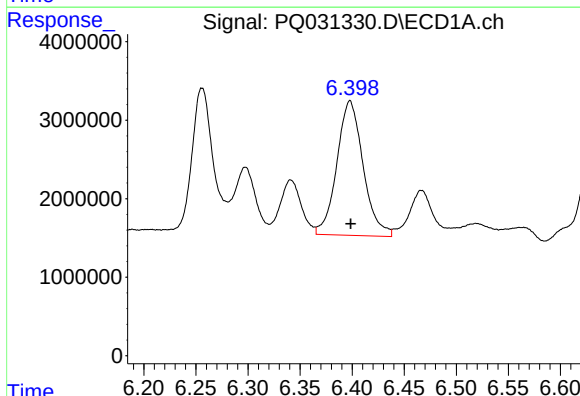
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 25646875
Conc: 717.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



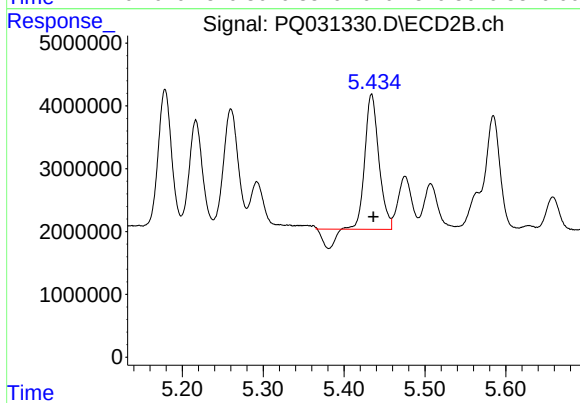
#19 AR-1242-4

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 18707242
Conc: 754.71 ng/ml



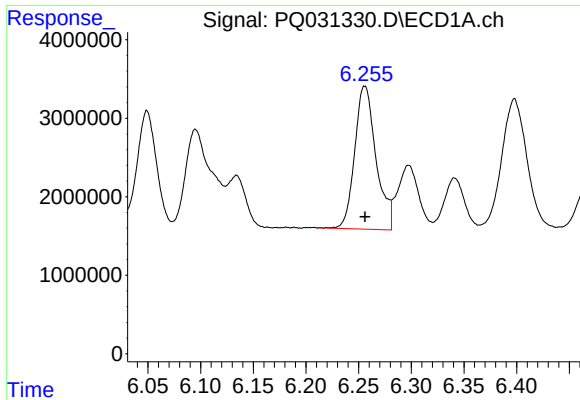
#20 AR-1242-5

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 30131126
Conc: 773.57 ng/ml



#20 AR-1242-5

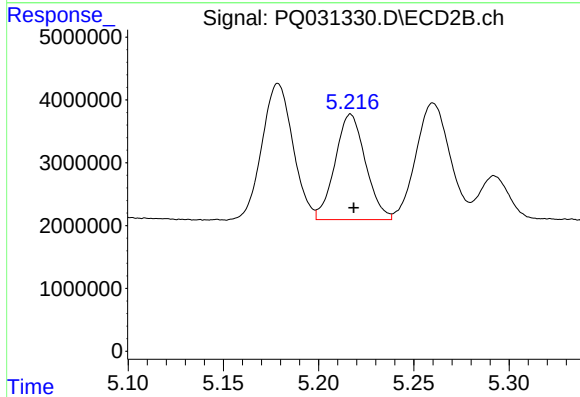
R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 23366975
Conc: 673.76 ng/ml



#21 AR-1248-1

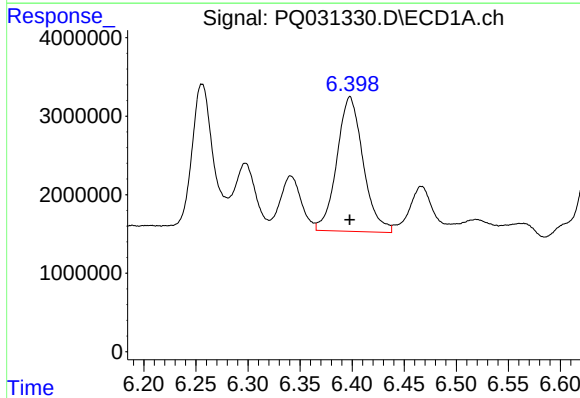
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 25646875
Conc: 410.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



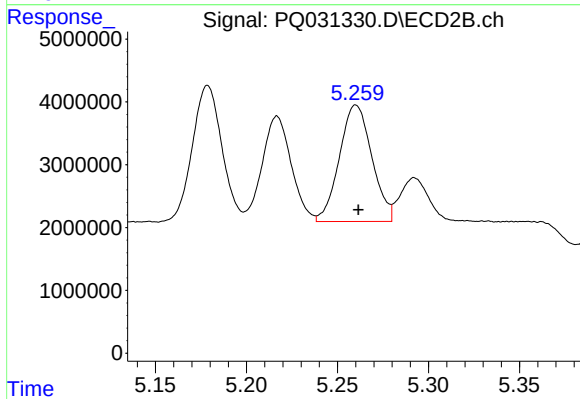
#21 AR-1248-1

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 18707242
Conc: 391.18 ng/ml



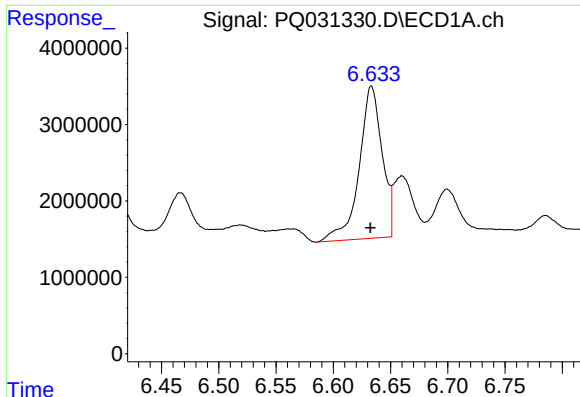
#22 AR-1248-2

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 30131126
Conc: 575.92 ng/ml



#22 AR-1248-2

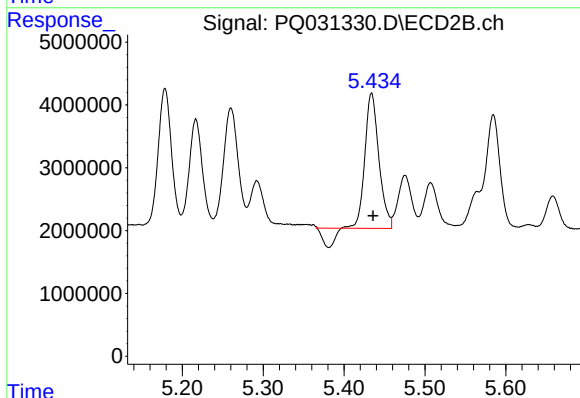
R.T.: 5.260 min
Delta R.T.: -0.001 min
Response: 23031793
Conc: 471.86 ng/ml



#23 AR-1248-3

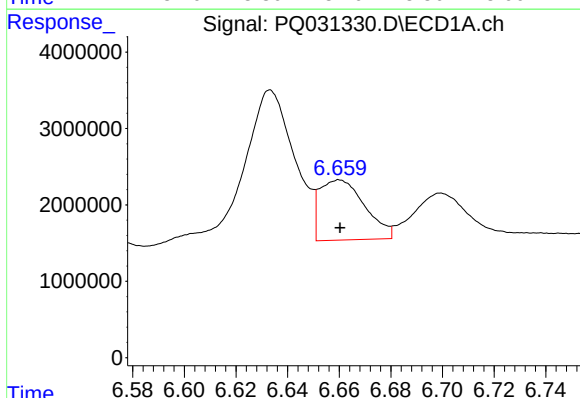
R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 27797088
Conc: 511.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



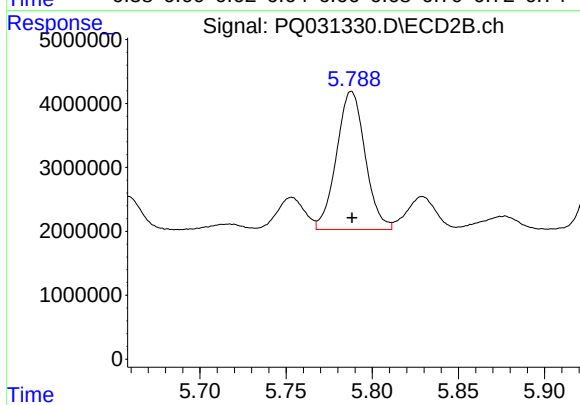
#23 AR-1248-3

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 23366975
Conc: 394.84 ng/ml



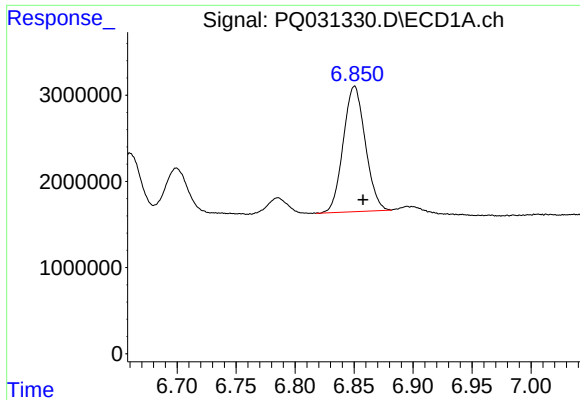
#24 AR-1248-4

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 9560500
Conc: 132.69 ng/ml



#24 AR-1248-4

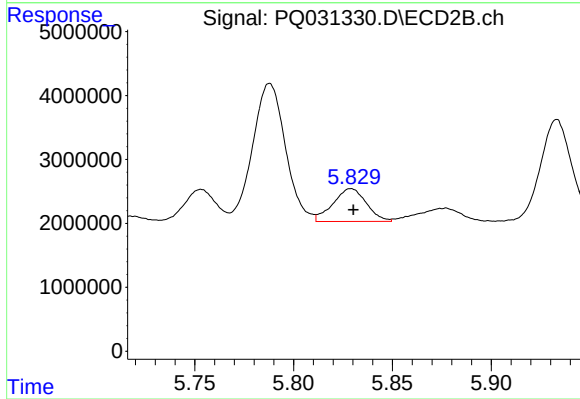
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 25009366
Conc: 281.53 ng/ml



#25 AR-1248-5

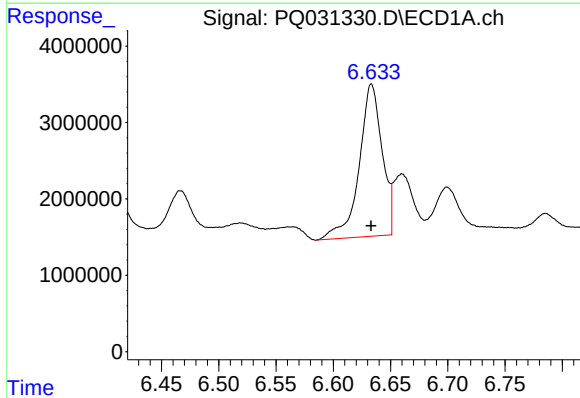
R.T.: 6.850 min
Delta R.T.: -0.007 min
Response: 18933409
Conc: 263.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



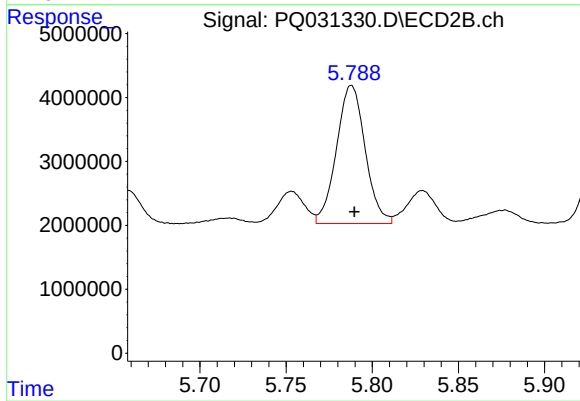
#25 AR-1248-5

R.T.: 5.829 min
Delta R.T.: -0.001 min
Response: 6022942
Conc: 99.51 ng/ml



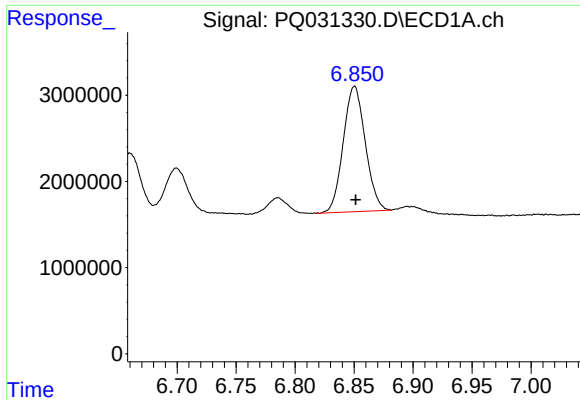
#26 AR-1254-1

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 27797088
Conc: 330.51 ng/ml



#26 AR-1254-1

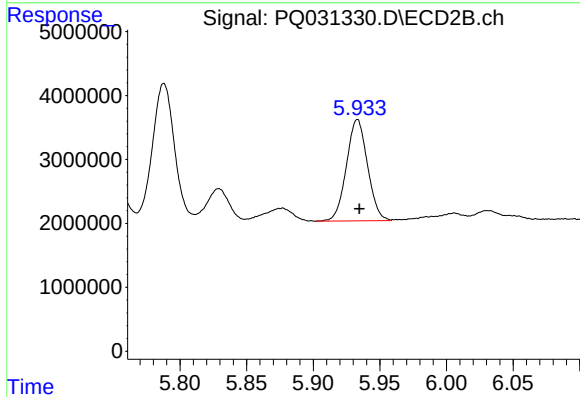
R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 25009366
Conc: 233.04 ng/ml



#27 AR-1254-2

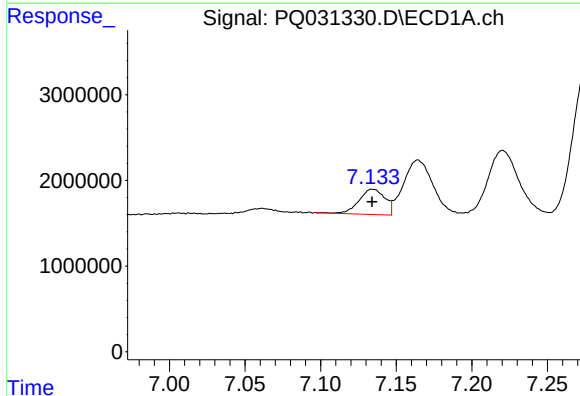
R.T.: 6.850 min
Delta R.T.: -0.001 min
Response: 18933409
Conc: 142.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



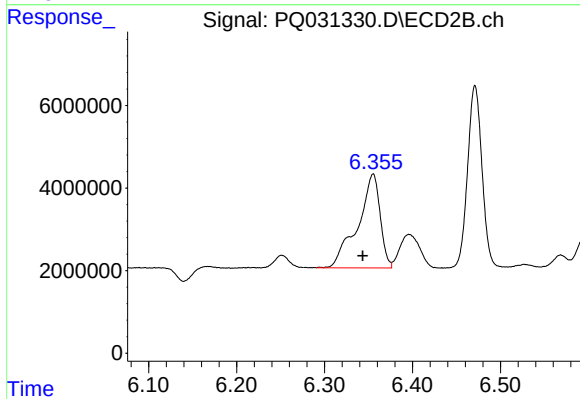
#27 AR-1254-2

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 17500491
Conc: 186.24 ng/ml



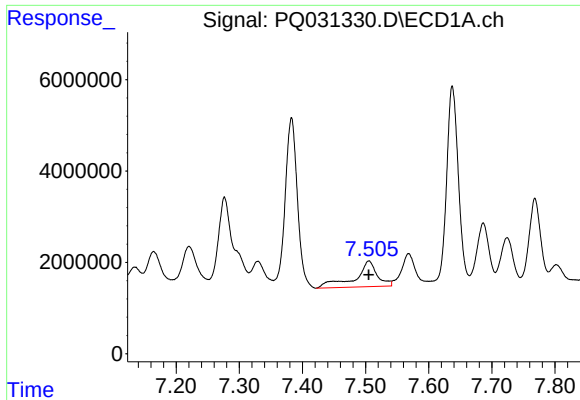
#28 AR-1254-3

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 3512967
Conc: 43.55 ng/ml



#28 AR-1254-3

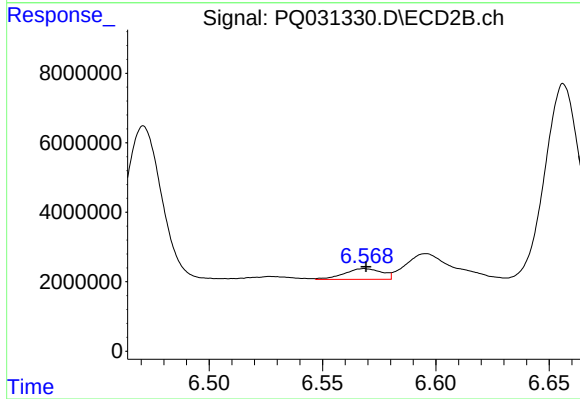
R.T.: 6.355 min
Delta R.T.: 0.012 min
Response: 40294257
Conc: 251.70 ng/ml



#29 AR-1254-4

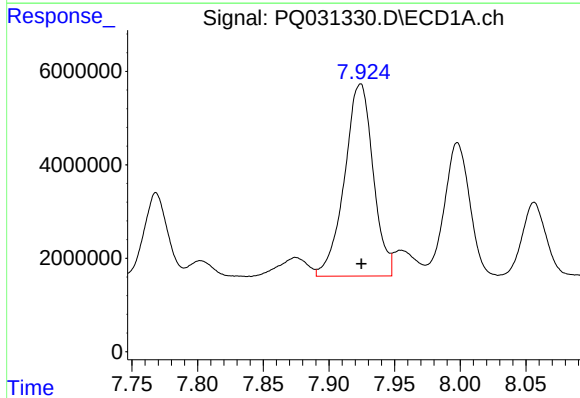
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 13800515
Conc: 129.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



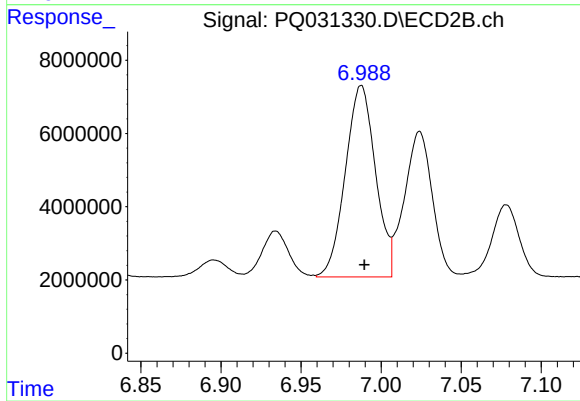
#29 AR-1254-4

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 3565012
Conc: 35.90 ng/ml



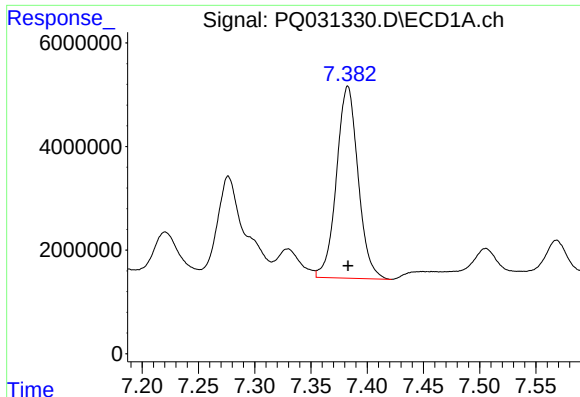
#30 AR-1254-5

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 62466659
Conc: 548.07 ng/ml



#30 AR-1254-5

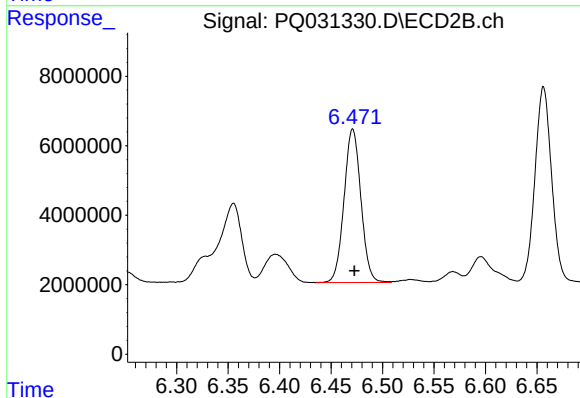
R.T.: 6.988 min
Delta R.T.: -0.002 min
Response: 68573675
Conc: 492.90 ng/ml



#31 AR-1260-1

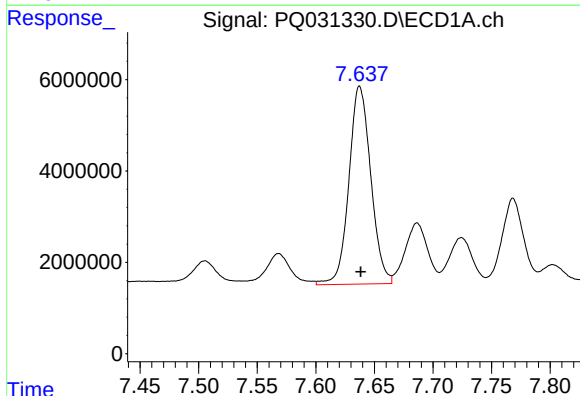
R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 49653277
Conc: 463.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



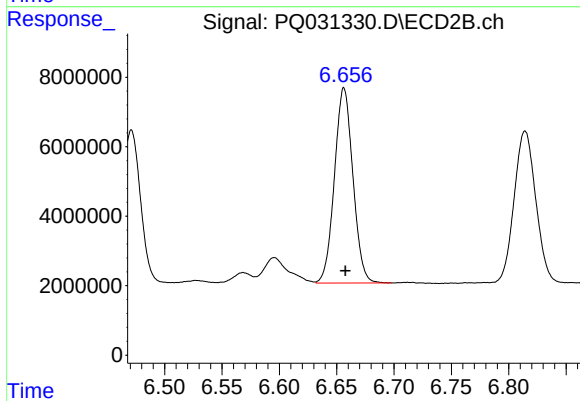
#31 AR-1260-1

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 50501758
Conc: 465.90 ng/ml



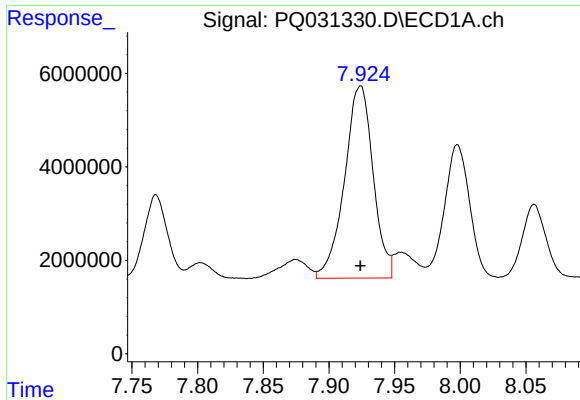
#32 AR-1260-2

R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 56340418
Conc: 440.60 ng/ml



#32 AR-1260-2

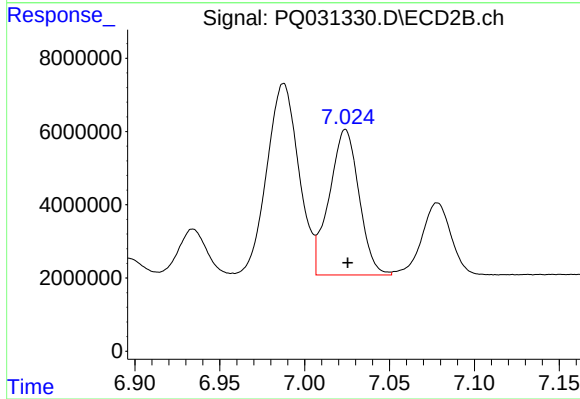
R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 63049690
Conc: 483.09 ng/ml



#33 AR-1260-3

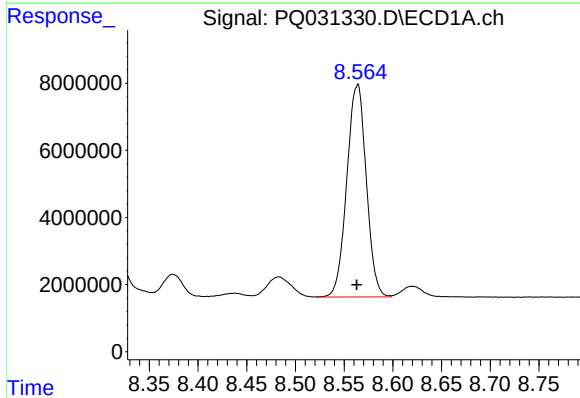
R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 62466659
Conc: 417.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



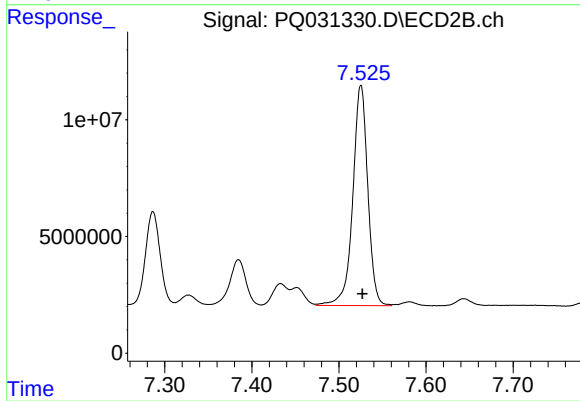
#33 AR-1260-3

R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 48413599
Conc: 455.41 ng/ml



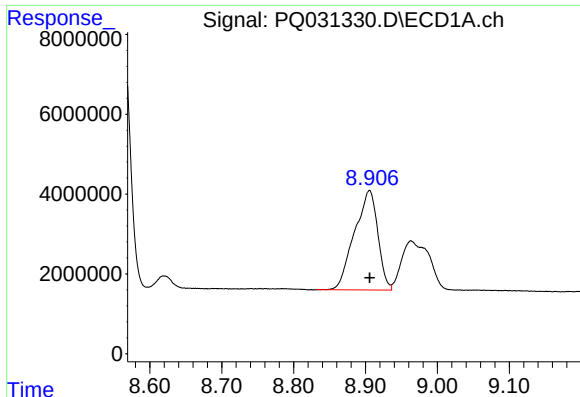
#34 AR-1260-4

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 88126741
Conc: 414.32 ng/ml



#34 AR-1260-4

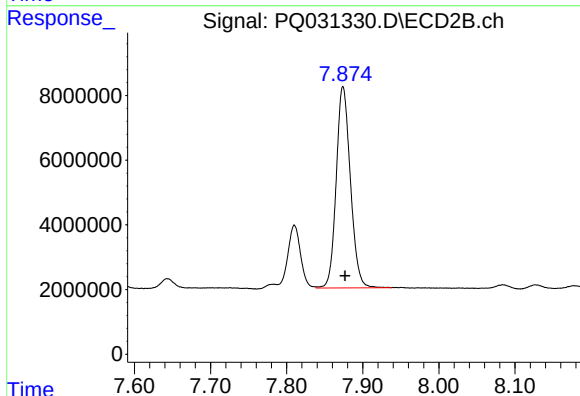
R.T.: 7.525 min
Delta R.T.: -0.002 min
Response: 112920907
Conc: 469.22 ng/ml



#35 AR-1260-5

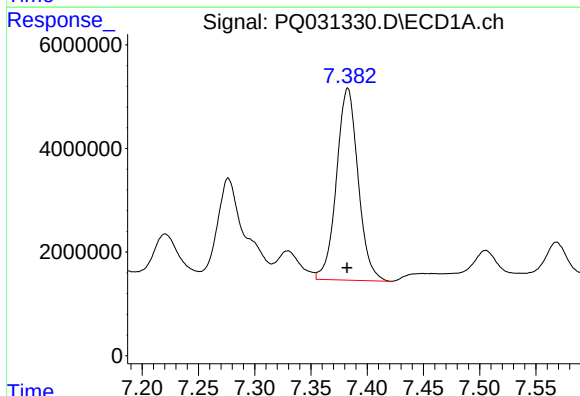
R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 56262366
Conc: 419.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



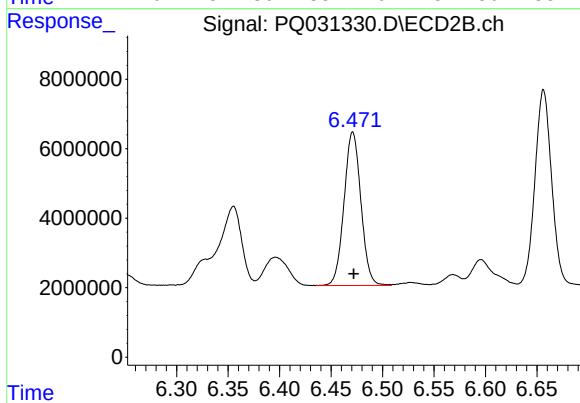
#35 AR-1260-5

R.T.: 7.874 min
Delta R.T.: -0.003 min
Response: 80637598
Conc: 464.46 ng/ml



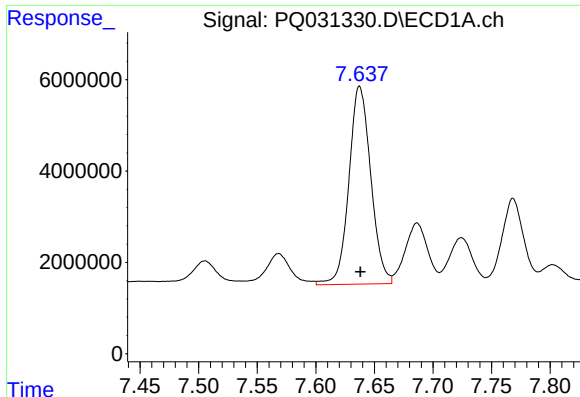
#36 AR-1262-1

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 49653277
Conc: 564.37 ng/ml



#36 AR-1262-1

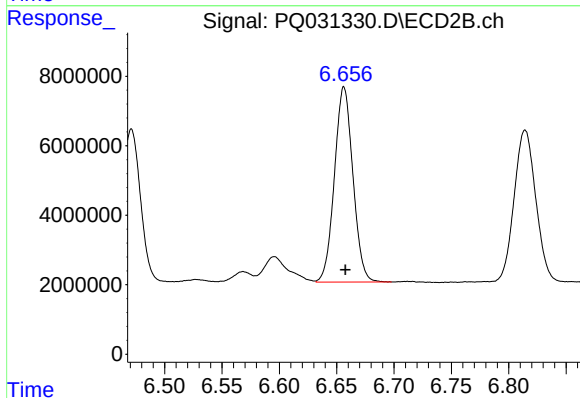
R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 50501758
Conc: 581.42 ng/ml



#37 AR-1262-2

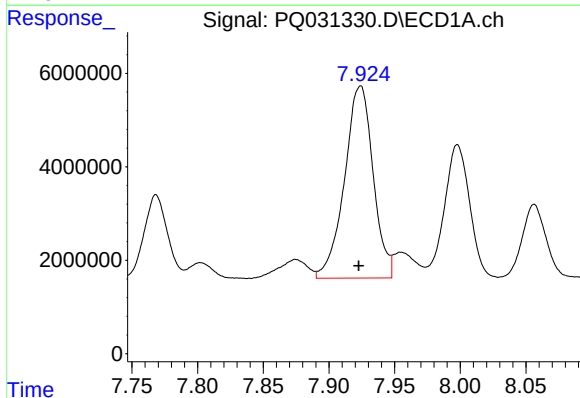
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 56340418
Conc: 546.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



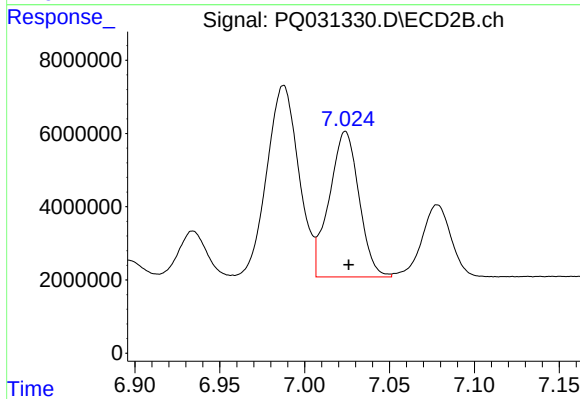
#37 AR-1262-2

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 63049690
Conc: 602.00 ng/ml



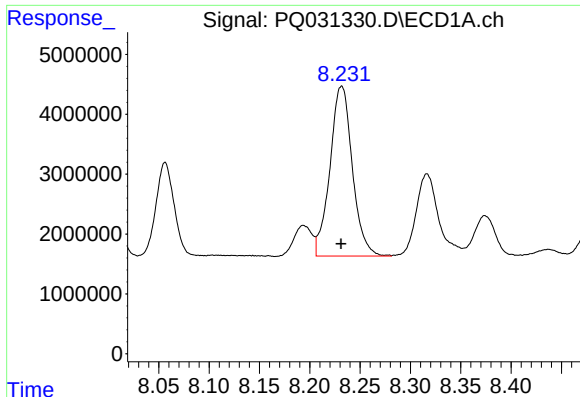
#38 AR-1262-3

R.T.: 7.924 min
Delta R.T.: 0.001 min
Response: 62466659
Conc: 629.05 ng/ml



#38 AR-1262-3

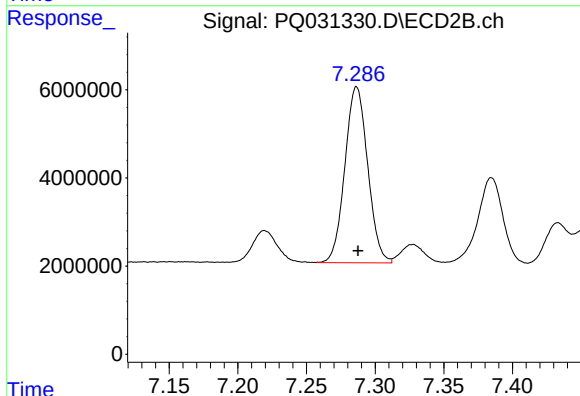
R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 48413599
Conc: 329.35 ng/ml



#39 AR-1262-4

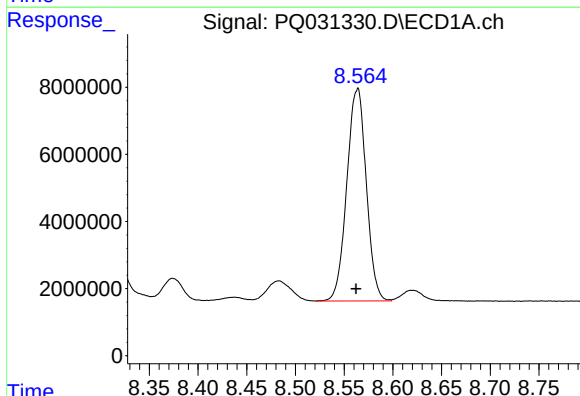
R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 43939929
Conc: 341.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



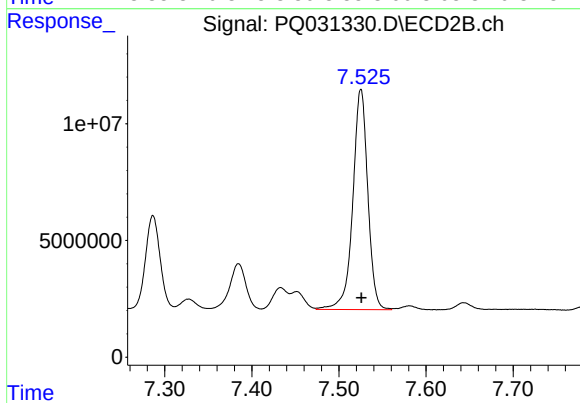
#39 AR-1262-4

R.T.: 7.287 min
Delta R.T.: -0.001 min
Response: 46224104
Conc: 348.06 ng/ml



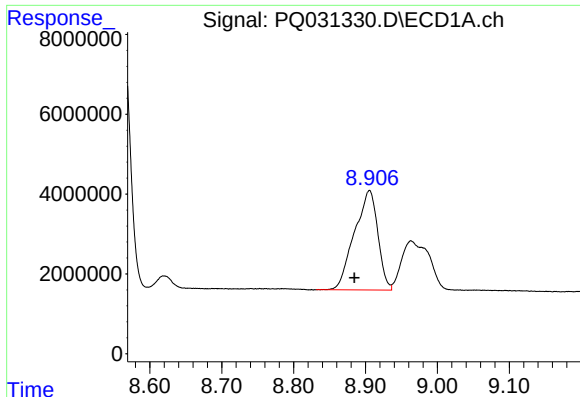
#40 AR-1262-5

R.T.: 8.564 min
Delta R.T.: 0.001 min
Response: 88126741
Conc: 351.75 ng/ml



#40 AR-1262-5

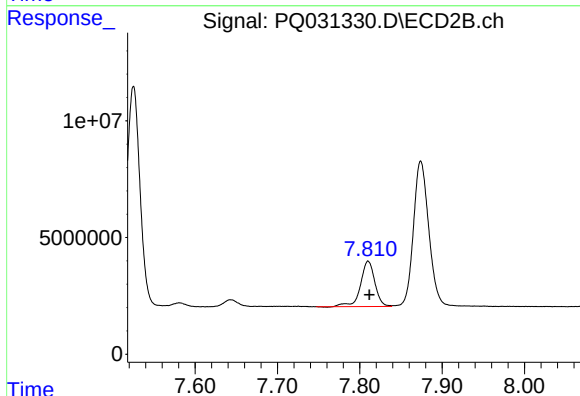
R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 112920907
Conc: 404.43 ng/ml



#41 AR-1268-1

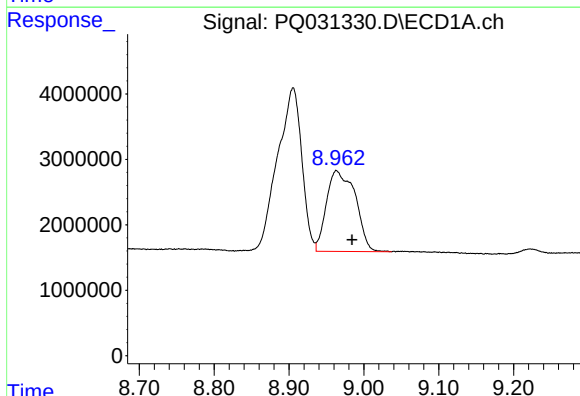
R.T.: 8.906 min
Delta R.T.: 0.021 min
Response: 56262366
Conc: 228.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



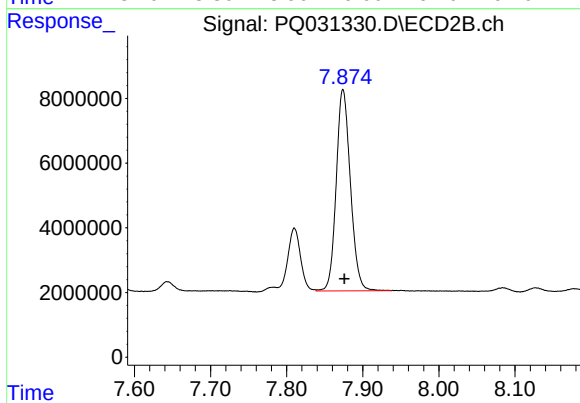
#41 AR-1268-1

R.T.: 7.810 min
Delta R.T.: -0.002 min
Response: 23589409
Conc: 88.49 ng/ml



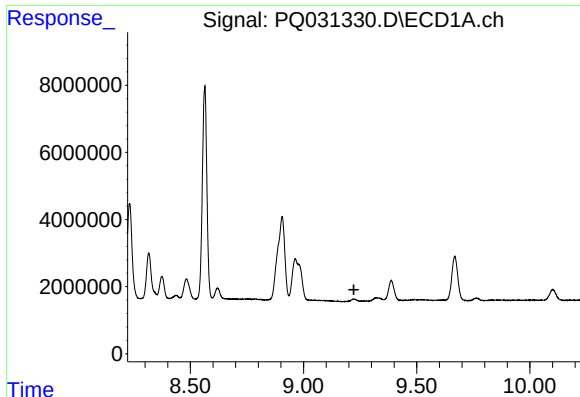
#42 AR-1268-2

R.T.: 8.963 min
Delta R.T.: -0.021 min
Response: 33076835
Conc: 148.62 ng/ml



#42 AR-1268-2

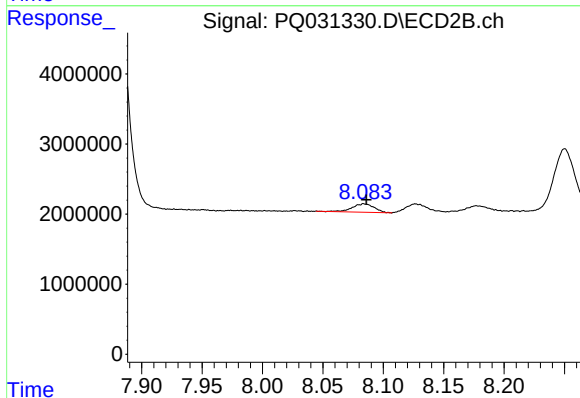
R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 80637598
Conc: 333.47 ng/ml



#43 AR-1268-3

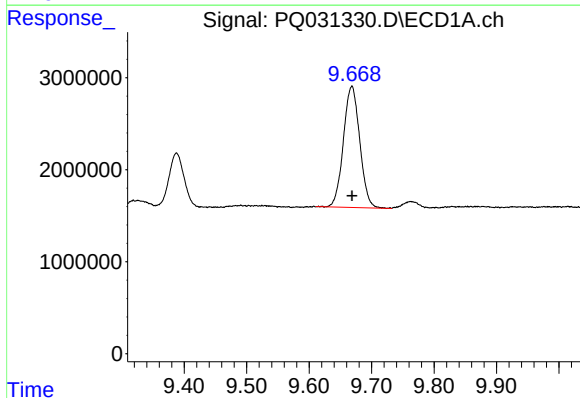
R.T.: 0.000 min
Exp R.T.: 9.223 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



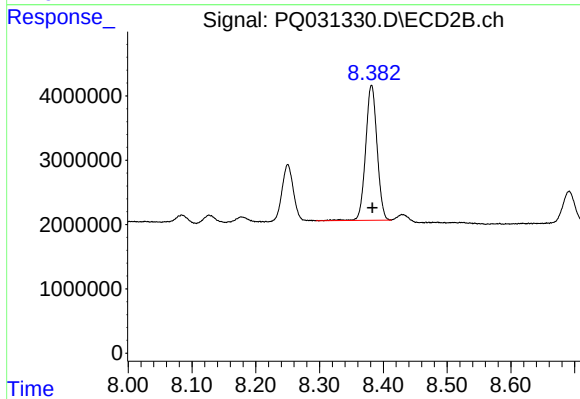
#43 AR-1268-3

R.T.: 8.084 min
Delta R.T.: -0.002 min
Response: 1560728
Conc: 7.75 ng/ml



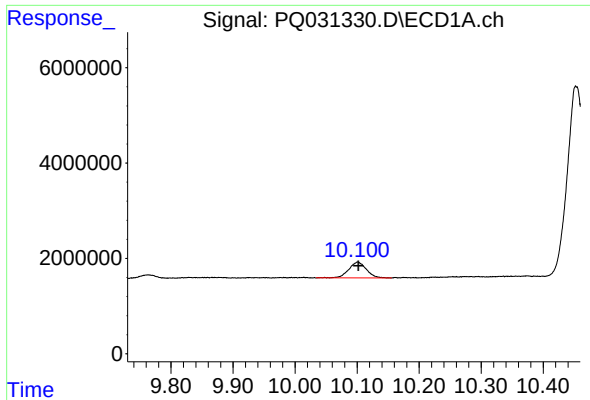
#44 AR-1268-4

R.T.: 9.669 min
Delta R.T.: 0.000 min
Response: 23962529
Conc: 291.08 ng/ml



#44 AR-1268-4

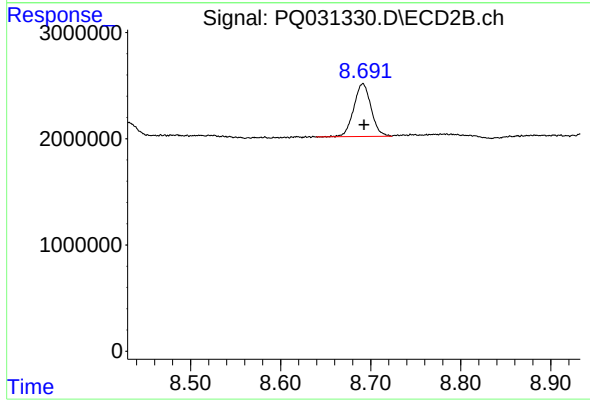
R.T.: 8.382 min
Delta R.T.: -0.001 min
Response: 26111388
Conc: 293.91 ng/ml



#45 AR-1268-5

R.T.: 10.101 min
Delta R.T.: -0.001 min
Response: 6448723
Conc: 10.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 6613024
Conc: 10.17 ng/ml