

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 09:16
 Operator : SM\SJ
 Sample : PQ032019ICV500
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 11:27:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 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...	4.185	3.636	313.0E6	167.2E6	53.794	54.128
2)	SA Decachlor...	9.604	8.510	259.7E6	114.5E6	53.873	51.166
Target Compounds							
3)	L1 AR-1016-1	5.325	4.692	101.5E6	56286523	504.251	500.267
4)	L1 AR-1016-2	5.345	4.708	159.7E6	87481264	508.879	516.440
5)	L1 AR-1016-3	5.406	4.883	91302792	42190481	501.309	489.489
6)	L1 AR-1016-4	5.505	4.921	75913704	33489252	507.460	484.101
7)	L1 AR-1016-5	5.787	5.131	73743825	42855936	507.904	491.648
8)	L2 AR-1221-1	4.393	3.840	9062514	4823676	142.827	140.598
9)	L2 AR-1221-2	4.482	3.927	13233949	7179187	286.079	279.773
10)	L2 AR-1221-3	4.556	4.000	51532426	28187210	337.168	329.521
11)	L3 AR-1232-1	4.556	4.000	51532426	28187210	414.068	420.486
12)	L3 AR-1232-2	5.065	4.708	73720779	87481264	1251.942	1237.301
13)	L3 AR-1232-3	5.345	4.883	159.7E6	42190481	1293.095	1261.998
14)	L3 AR-1232-4	5.505	4.961	75913704	40451806	1303.384	1405.643
15)	L3 AR-1232-5	5.585	5.131	65186351	42855936	1524.844	1351.974
16)	L4 AR-1242-1	5.325	4.692	101.5E6	56286523	617.574	613.400
17)	L4 AR-1242-2	5.345	4.708	159.7E6	87481264	625.869	626.073
18)	L4 AR-1242-3	5.406	4.883	91302792	42190481	619.068	610.506
19)	L4 AR-1242-4	5.505	4.961	75913704	40451806	620.171	633.727
20)	L4 AR-1242-5	6.220	5.472	11538025	30871745	84.444	357.153 #
21)	L5 AR-1248-1	5.325	4.692	101.5E6	56286523	640.766	610.256
22)	L5 AR-1248-2	5.585	4.921	65186351	33489252	297.817	279.619
23)	L5 AR-1248-3	5.787	4.961	73743825	40451806	300.158	333.318
24)	L5 AR-1248-4	6.183	5.131	14837718	42855936	53.047	288.210 #
25)	L5 AR-1248-5	6.220	5.514	11538025	5027736	43.524	34.565
26)	L6 AR-1254-1	6.152	5.472	50538602	30871745	257.246	200.416
27)	L6 AR-1254-2	6.362	5.616	55539726	26726053	181.209	205.988
28)	L6 AR-1254-3	6.731	6.022	30175388	51142132	96.900	241.785 #
29)	L6 AR-1254-4	7.010	6.239	21929756	7779829	86.390	48.507 #
30)	L6 AR-1254-5	7.422	6.647	163.4E6	87388994	553.820	502.354
31)	L7 AR-1260-1	6.883	6.136	124.6E6	72316134	481.102	465.950
32)	L7 AR-1260-2	7.135	6.324	166.5E6	85686461	482.913	454.161
33)	L7 AR-1260-3	7.486	6.473	138.3E6	78253943	487.669	459.530
34)	L7 AR-1260-4	7.715	6.935	129.4E6	63367477	480.492	454.378
35)	L7 AR-1260-5	8.020	7.178	309.7E6	155.6E6	491.614	469.212
36)	L8 AR-1262-1	7.542	6.677	68846829	71780299	445.790	339.830
37)	L8 AR-1262-2	8.020	7.178	309.7E6	155.6E6	441.533	414.070
38)	L8 AR-1262-3	8.294	7.450	76089430	35739817	253.865	241.799
39)	L8 AR-1262-4	8.375	7.518	120.2E6	111.9E6	346.525	417.311
40)	L8 AR-1262-5	8.977	8.010	91549461	38849140	383.136	341.441
41)	L9 AR-1268-1	8.294	7.450	76089430	35739817	92.444	88.338

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 Misc :
 ALS Vial : 47 Sample Multiplier: 1

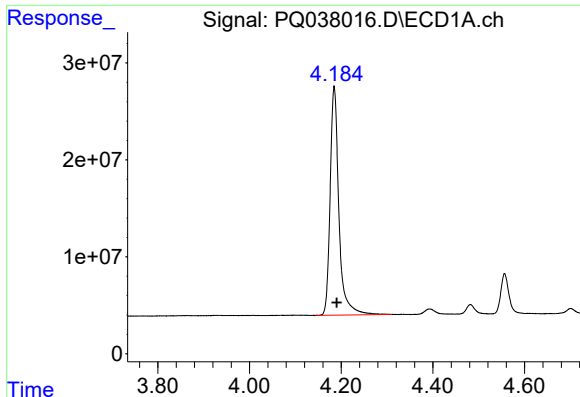
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 11:27:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
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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	8.375	7.518	120.2E6	111.9E6	160.923	299.000 #
43) L9	AR-1268-3	8.575	7.709	6033700	2783853	9.201	9.204
44) L9	AR-1268-4	8.977	8.010	91549461	38849140	353.668	311.035
45) L9	AR-1268-5	9.328	8.282	23926275	10774812	12.256	11.390

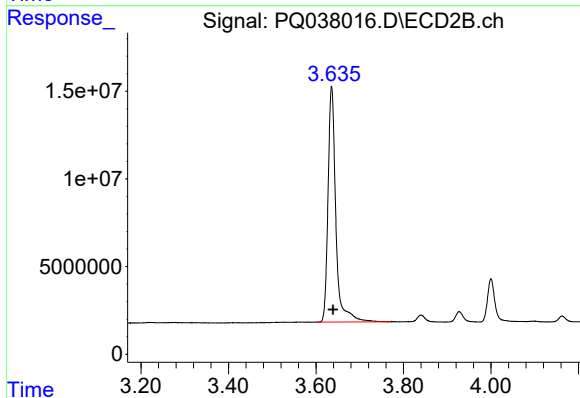
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

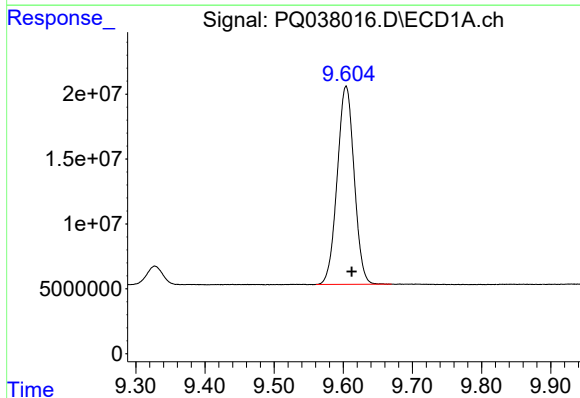
R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 313010238
Conc: 53.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



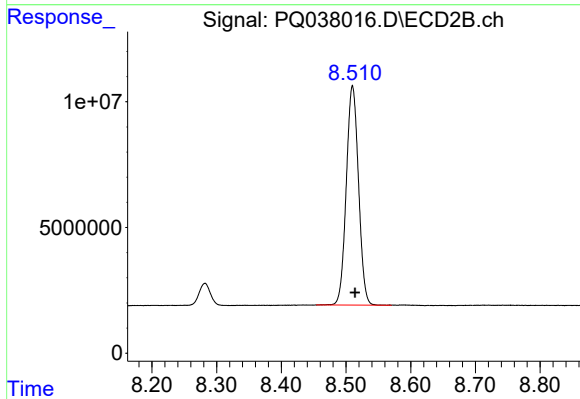
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 167175860
Conc: 54.13 ng/ml



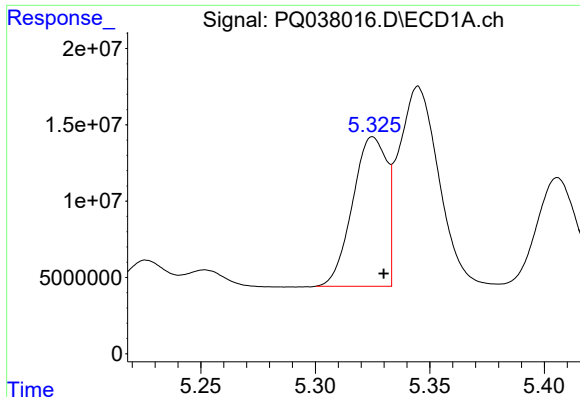
#2 Decachlorobiphenyl

R.T.: 9.604 min
Delta R.T.: -0.008 min
Response: 259739327
Conc: 53.87 ng/ml



#2 Decachlorobiphenyl

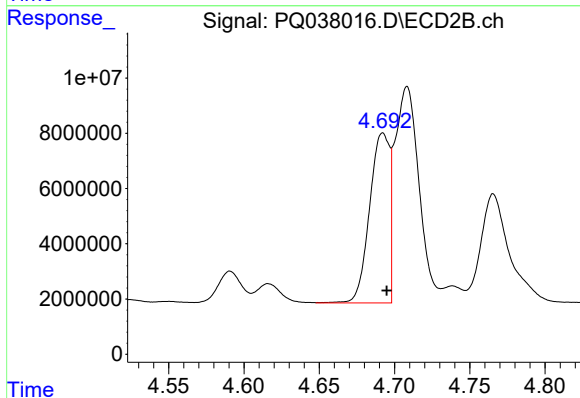
R.T.: 8.510 min
Delta R.T.: -0.004 min
Response: 114549386
Conc: 51.17 ng/ml



#3 AR-1016-1

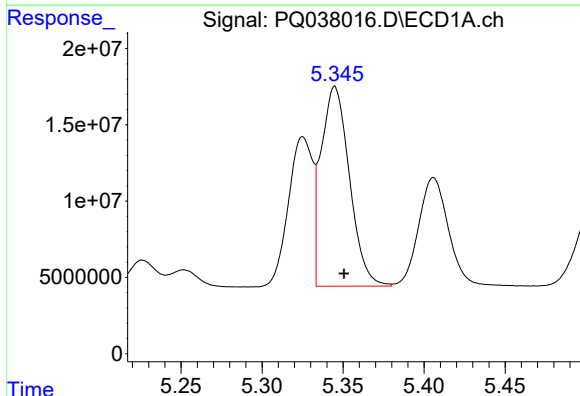
R.T.: 5.325 min
Delta R.T.: -0.005 min
Response: 101482832
Conc: 504.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



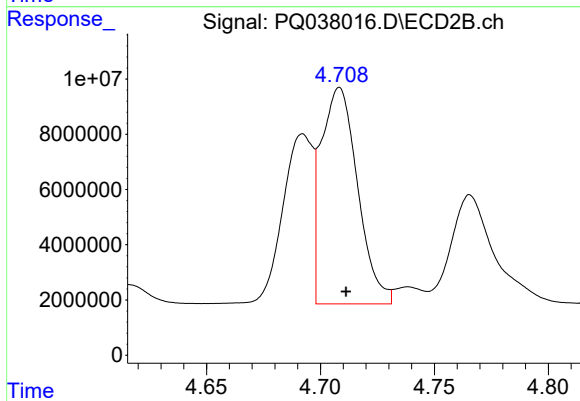
#3 AR-1016-1

R.T.: 4.692 min
Delta R.T.: -0.003 min
Response: 56286523
Conc: 500.27 ng/ml



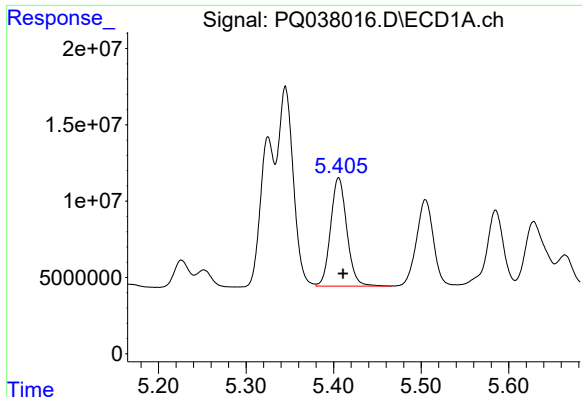
#4 AR-1016-2

R.T.: 5.345 min
Delta R.T.: -0.006 min
Response: 159699836
Conc: 508.88 ng/ml



#4 AR-1016-2

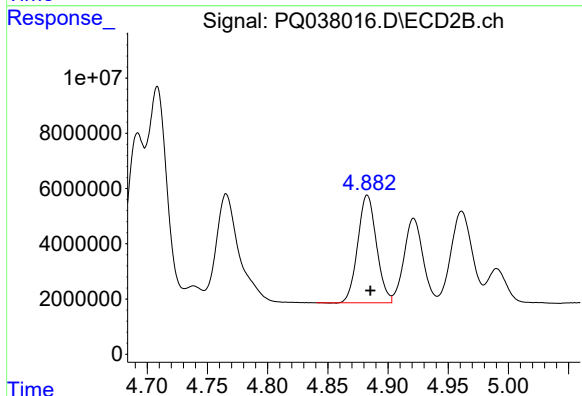
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 87481264
Conc: 516.44 ng/ml



#5 AR-1016-3

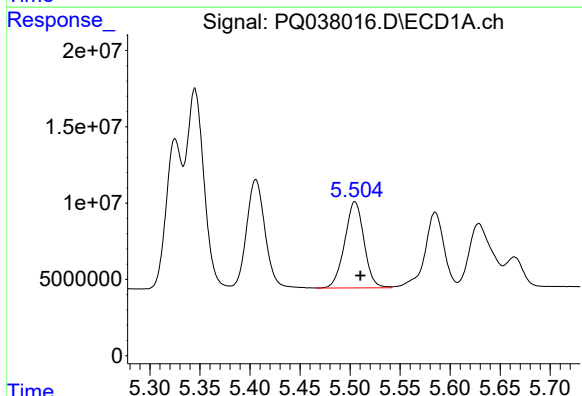
R.T.: 5.406 min
Delta R.T.: -0.005 min
Response: 91302792
Conc: 501.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



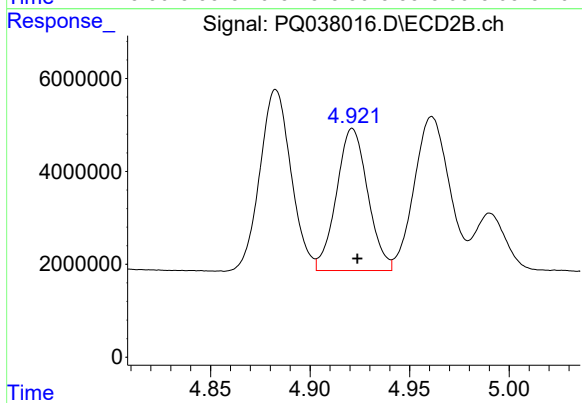
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.003 min
Response: 42190481
Conc: 489.49 ng/ml



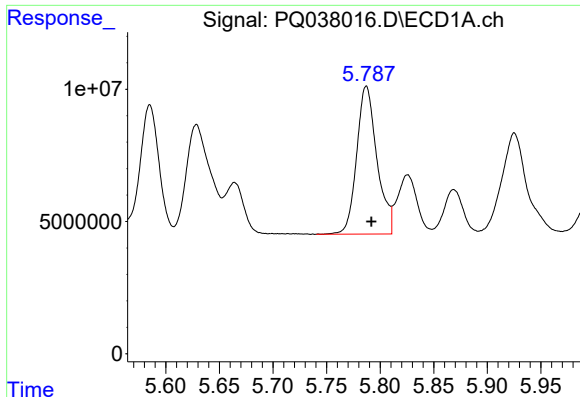
#6 AR-1016-4

R.T.: 5.505 min
Delta R.T.: -0.005 min
Response: 75913704
Conc: 507.46 ng/ml



#6 AR-1016-4

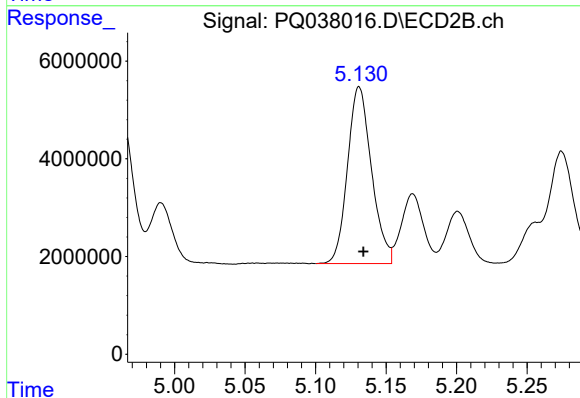
R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 33489252
Conc: 484.10 ng/ml



#7 AR-1016-5

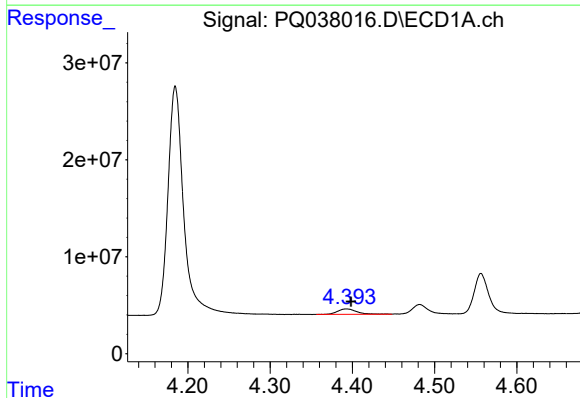
R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 73743825
Conc: 507.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



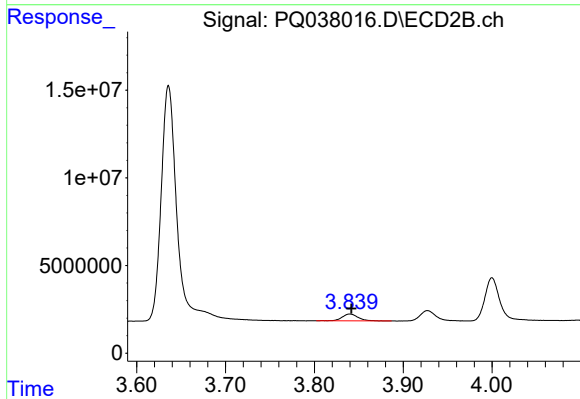
#7 AR-1016-5

R.T.: 5.131 min
Delta R.T.: -0.003 min
Response: 42855936
Conc: 491.65 ng/ml



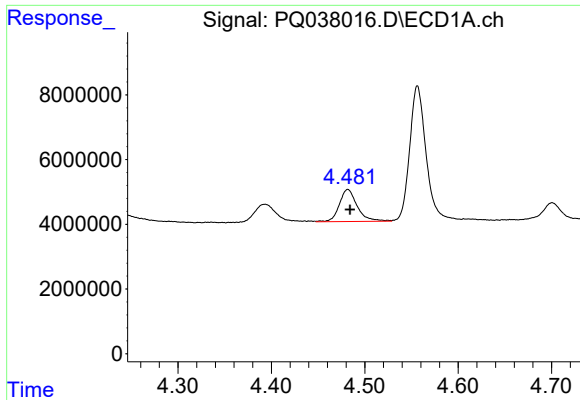
#8 AR-1221-1

R.T.: 4.393 min
Delta R.T.: -0.005 min
Response: 9062514
Conc: 142.83 ng/ml



#8 AR-1221-1

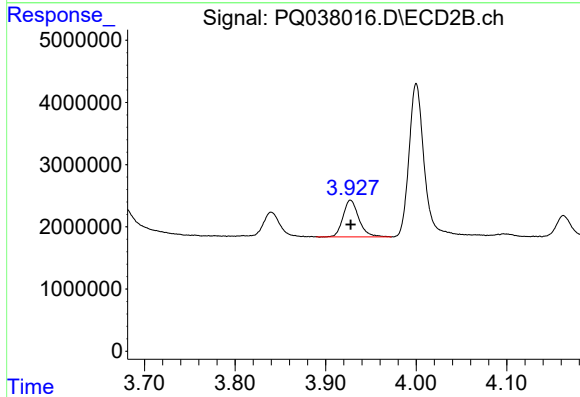
R.T.: 3.840 min
Delta R.T.: -0.002 min
Response: 4823676
Conc: 140.60 ng/ml



#9 AR-1221-2

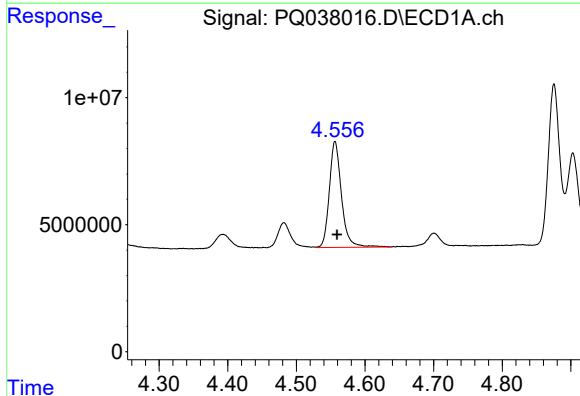
R.T.: 4.482 min
Delta R.T.: -0.002 min
Response: 13233949
Conc: 286.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



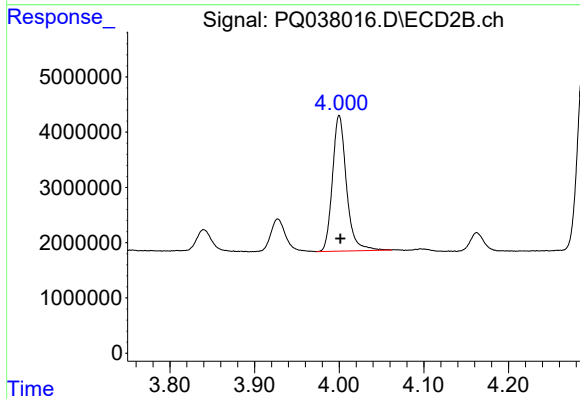
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 7179187
Conc: 279.77 ng/ml



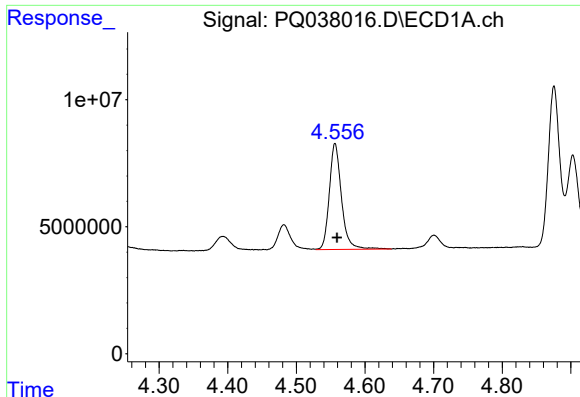
#10 AR-1221-3

R.T.: 4.556 min
Delta R.T.: -0.003 min
Response: 51532426
Conc: 337.17 ng/ml



#10 AR-1221-3

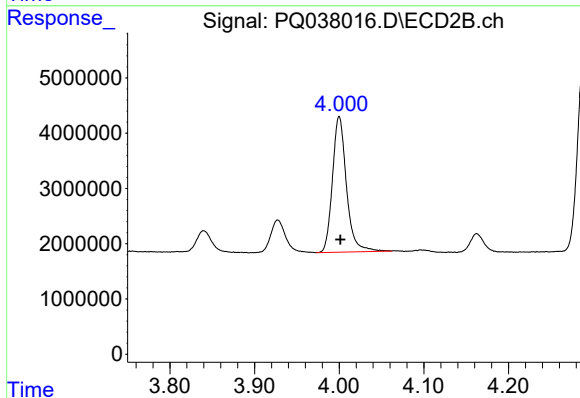
R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 28187210
Conc: 329.52 ng/ml



#11 AR-1232-1

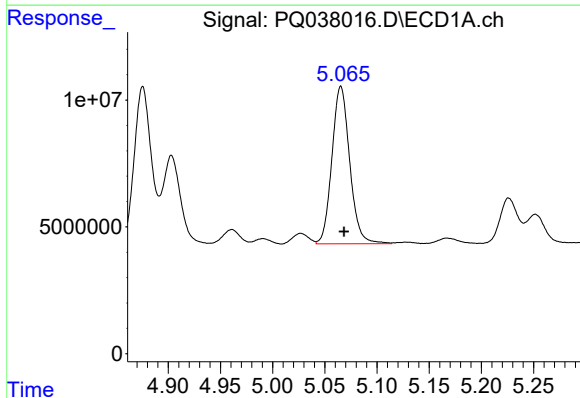
R.T.: 4.556 min
Delta R.T.: -0.003 min
Response: 51532426
Conc: 414.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



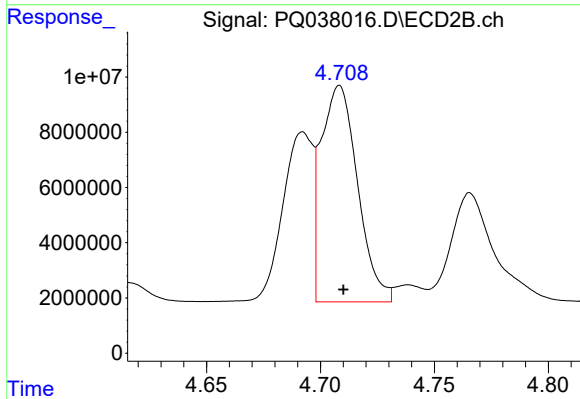
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 28187210
Conc: 420.49 ng/ml



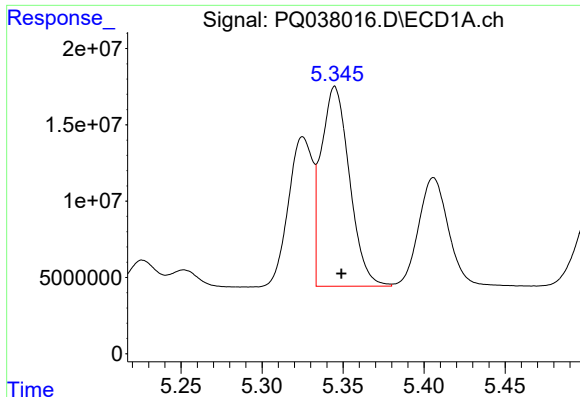
#12 AR-1232-2

R.T.: 5.065 min
Delta R.T.: -0.003 min
Response: 73720779
Conc: 1251.94 ng/ml



#12 AR-1232-2

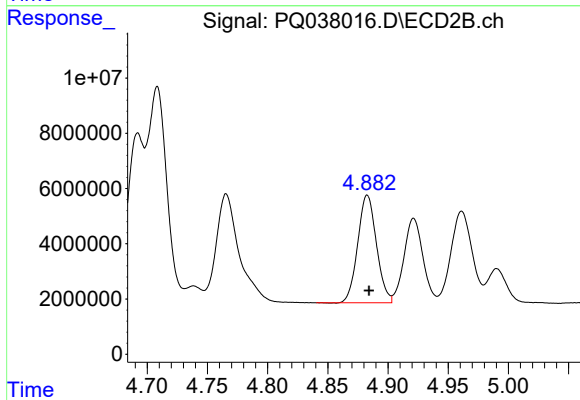
R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 87481264
Conc: 1237.30 ng/ml



#13 AR-1232-3

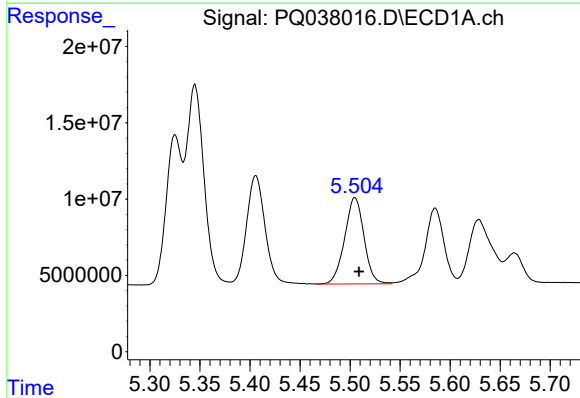
R.T.: 5.345 min
Delta R.T.: -0.004 min
Response: 159699836
Conc: 1293.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



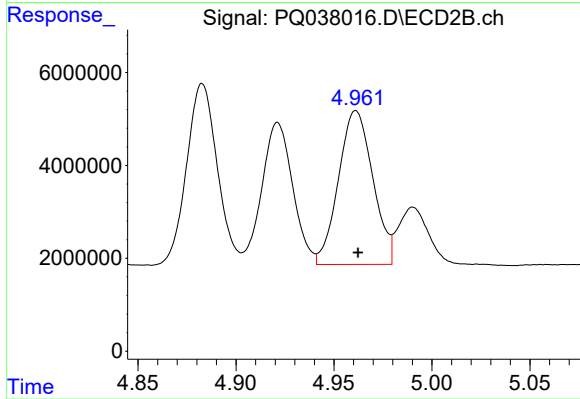
#13 AR-1232-3

R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 42190481
Conc: 1262.00 ng/ml



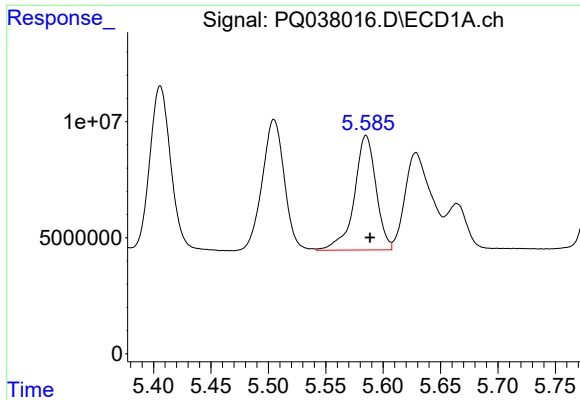
#14 AR-1232-4

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 75913704
Conc: 1303.38 ng/ml



#14 AR-1232-4

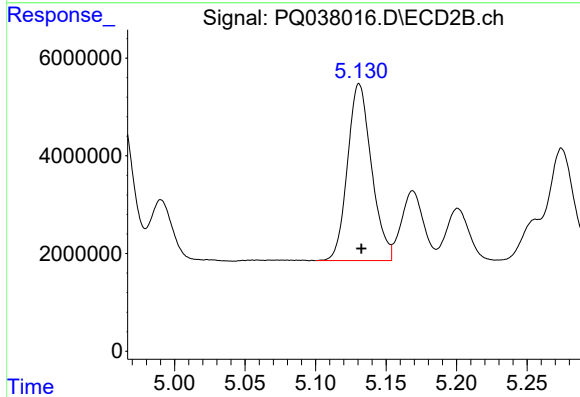
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 40451806
Conc: 1405.64 ng/ml



#15 AR-1232-5

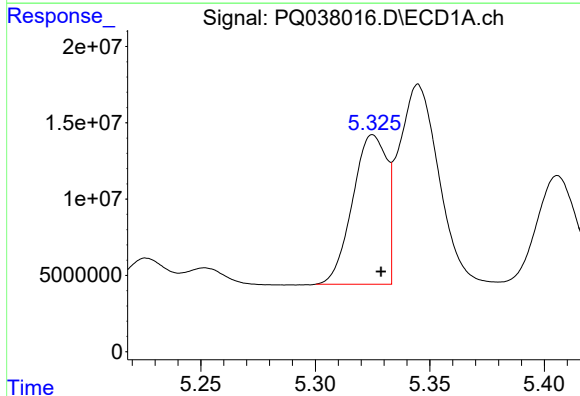
R.T.: 5.585 min
Delta R.T.: -0.004 min
Response: 65186351
Conc: 1524.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



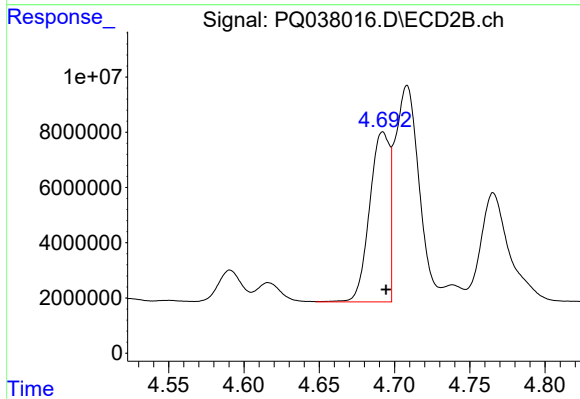
#15 AR-1232-5

R.T.: 5.131 min
Delta R.T.: -0.002 min
Response: 42855936
Conc: 1351.97 ng/ml



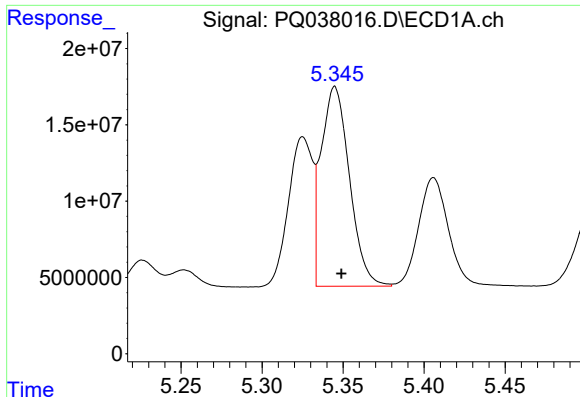
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 101482832
Conc: 617.57 ng/ml



#16 AR-1242-1

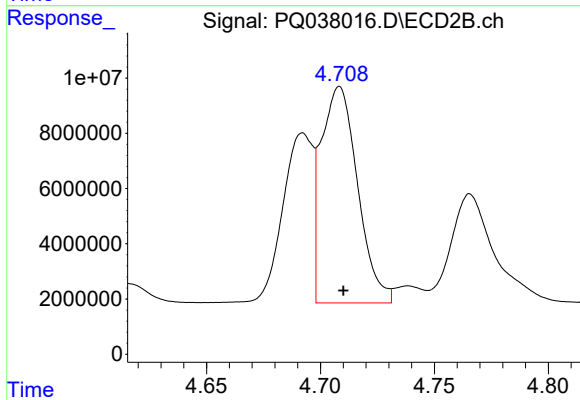
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 56286523
Conc: 613.40 ng/ml



#17 AR-1242-2

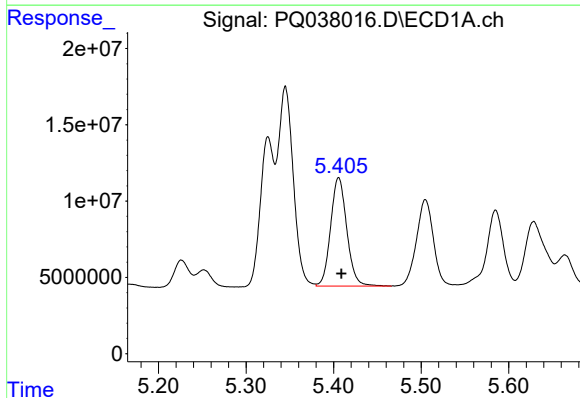
R.T.: 5.345 min
Delta R.T.: -0.004 min
Response: 159699836
Conc: 625.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



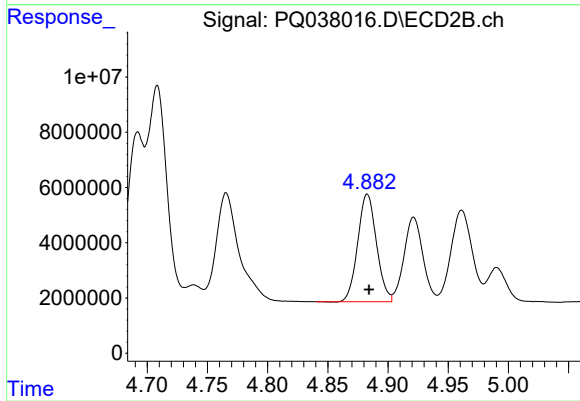
#17 AR-1242-2

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 87481264
Conc: 626.07 ng/ml



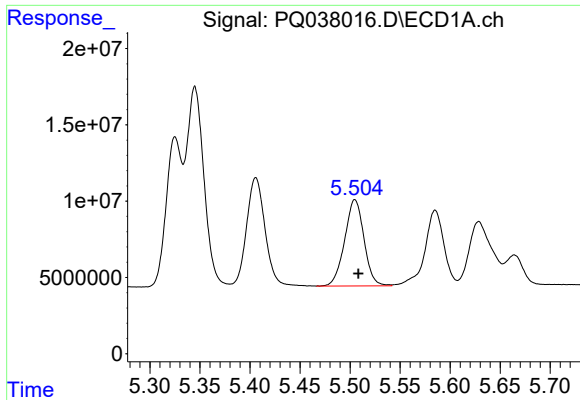
#18 AR-1242-3

R.T.: 5.406 min
Delta R.T.: -0.003 min
Response: 91302792
Conc: 619.07 ng/ml



#18 AR-1242-3

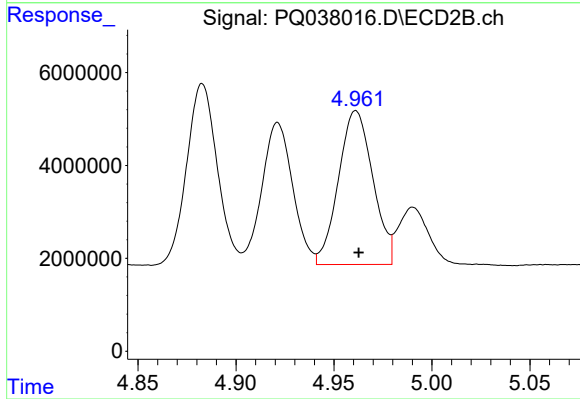
R.T.: 4.883 min
Delta R.T.: -0.001 min
Response: 42190481
Conc: 610.51 ng/ml



#19 AR-1242-4

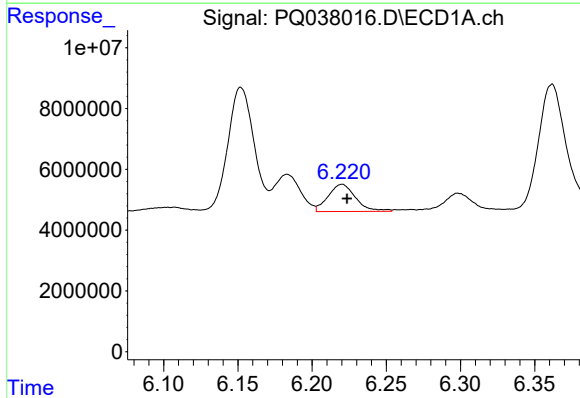
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 75913704
Conc: 620.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



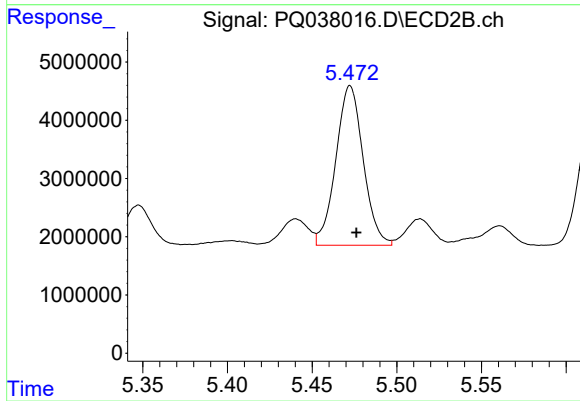
#19 AR-1242-4

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 40451806
Conc: 633.73 ng/ml



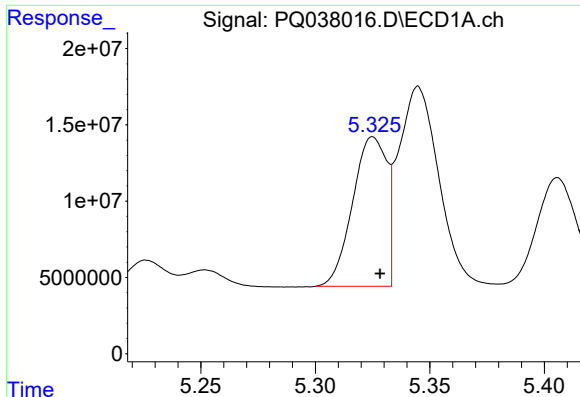
#20 AR-1242-5

R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 11538025
Conc: 84.44 ng/ml



#20 AR-1242-5

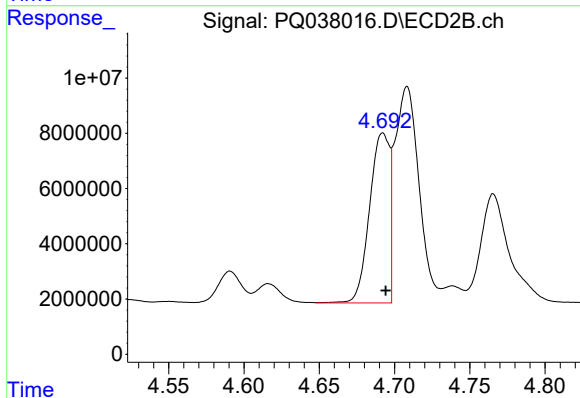
R.T.: 5.472 min
Delta R.T.: -0.004 min
Response: 30871745
Conc: 357.15 ng/ml



#21 AR-1248-1

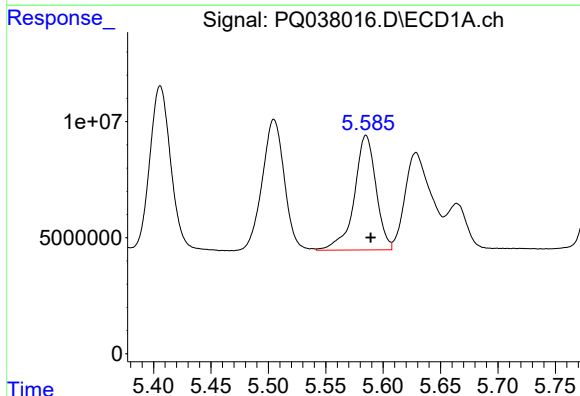
R.T.: 5.325 min
Delta R.T.: -0.003 min
Response: 101482832
Conc: 640.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



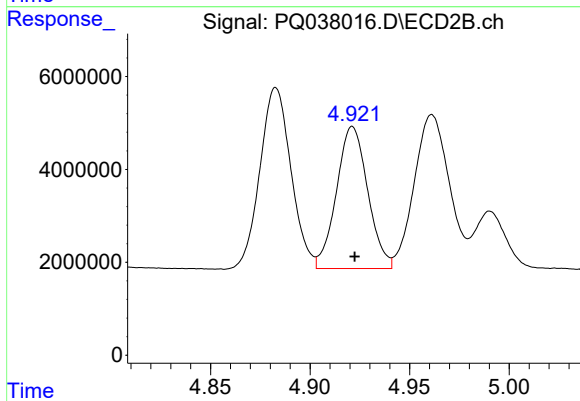
#21 AR-1248-1

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 56286523
Conc: 610.26 ng/ml



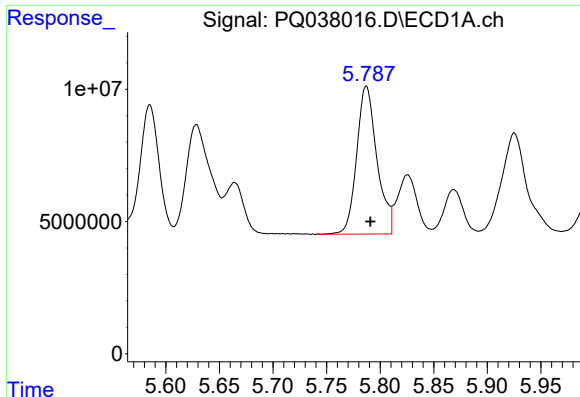
#22 AR-1248-2

R.T.: 5.585 min
Delta R.T.: -0.004 min
Response: 65186351
Conc: 297.82 ng/ml



#22 AR-1248-2

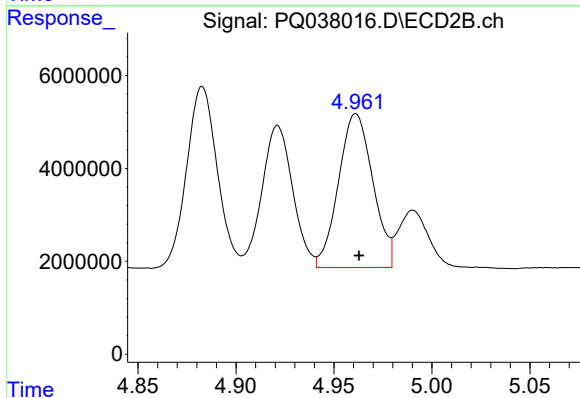
R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 33489252
Conc: 279.62 ng/ml



#23 AR-1248-3

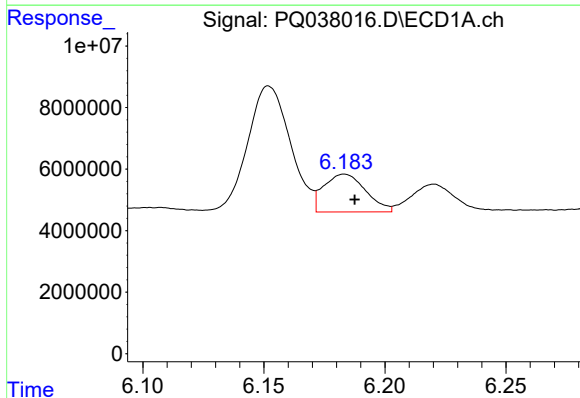
R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 73743825
Conc: 300.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



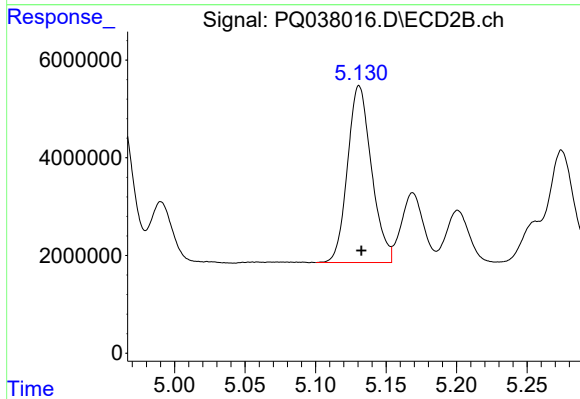
#23 AR-1248-3

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 40451806
Conc: 333.32 ng/ml



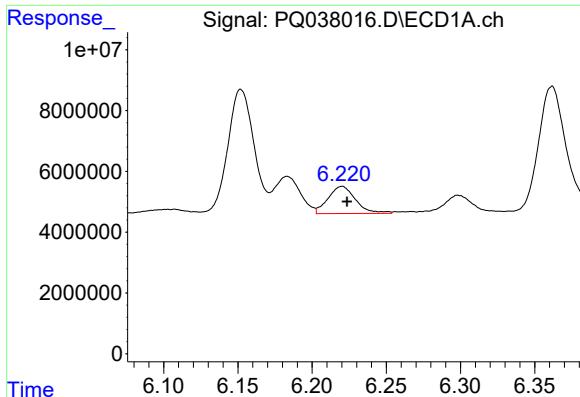
#24 AR-1248-4

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 14837718
Conc: 53.05 ng/ml



#24 AR-1248-4

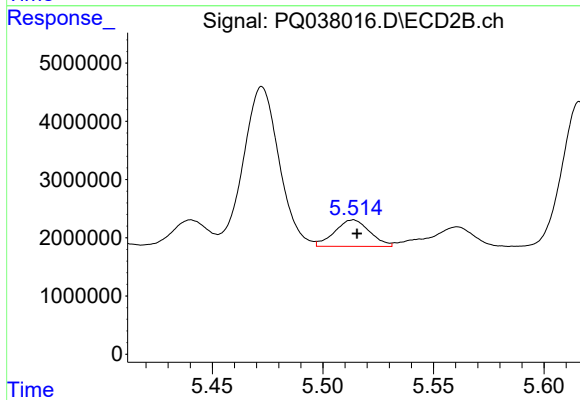
R.T.: 5.131 min
Delta R.T.: -0.002 min
Response: 42855936
Conc: 288.21 ng/ml



#25 AR-1248-5

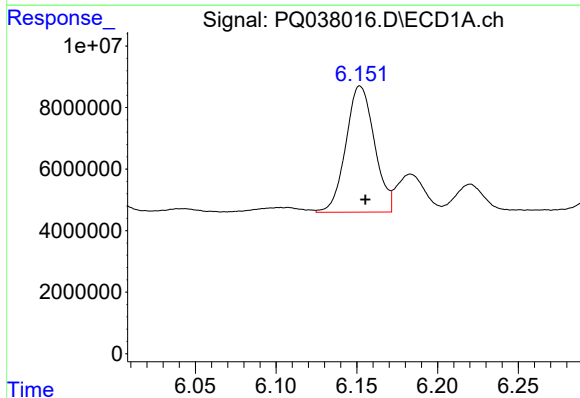
R.T.: 6.220 min
Delta R.T.: -0.003 min
Response: 11538025
Conc: 43.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



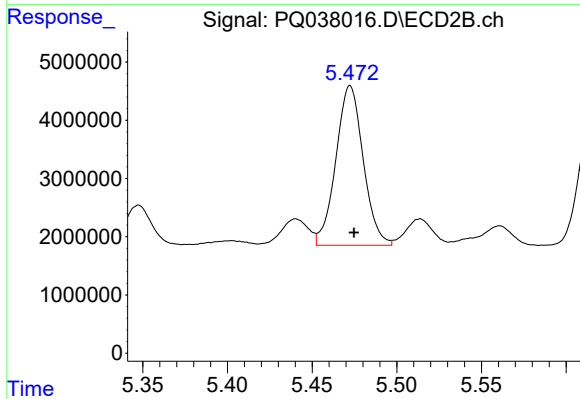
#25 AR-1248-5

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 5027736
Conc: 34.57 ng/ml



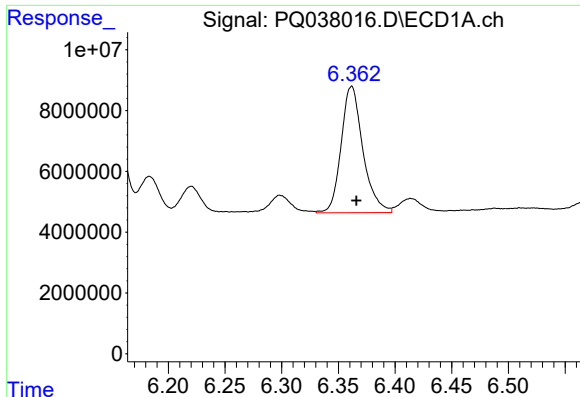
#26 AR-1254-1

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 50538602
Conc: 257.25 ng/ml



#26 AR-1254-1

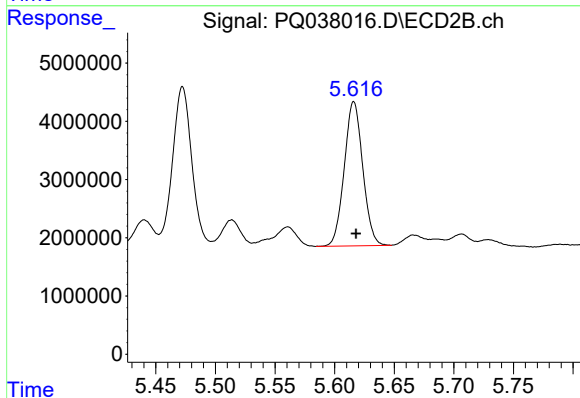
R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 30871745
Conc: 200.42 ng/ml



#27 AR-1254-2

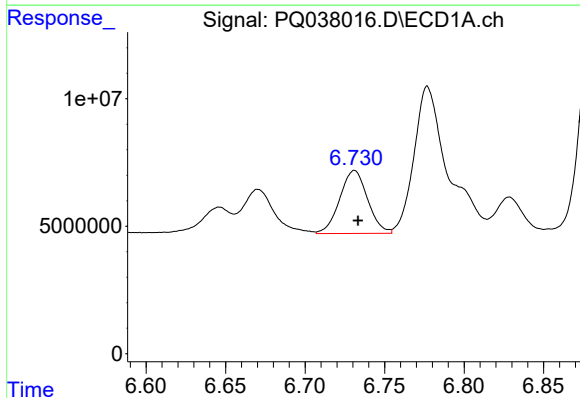
R.T.: 6.362 min
Delta R.T.: -0.004 min
Response: 55539726
Conc: 181.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



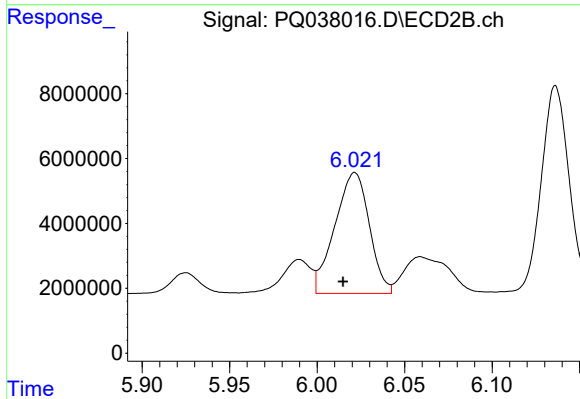
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 26726053
Conc: 205.99 ng/ml



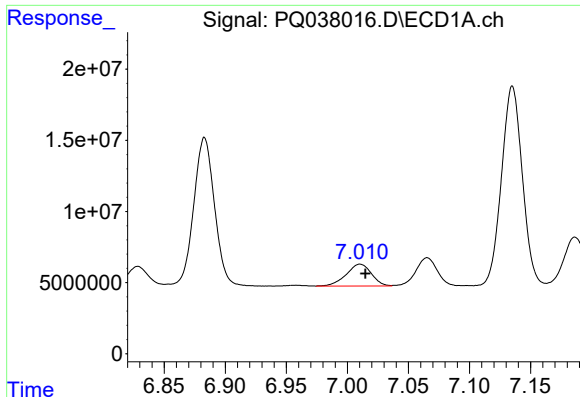
#28 AR-1254-3

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 30175388
Conc: 96.90 ng/ml



#28 AR-1254-3

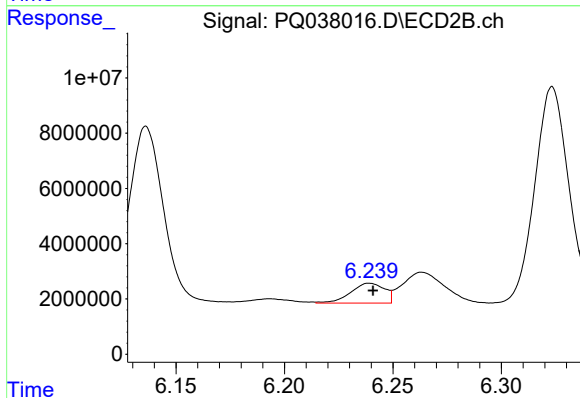
R.T.: 6.022 min
Delta R.T.: 0.007 min
Response: 51142132
Conc: 241.78 ng/ml



#29 AR-1254-4

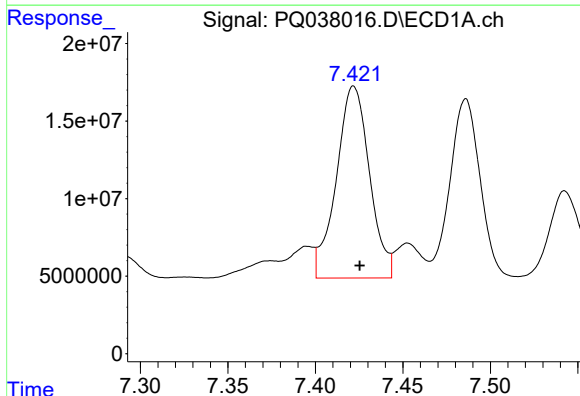
R.T.: 7.010 min
Delta R.T.: -0.004 min
Response: 21929756
Conc: 86.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



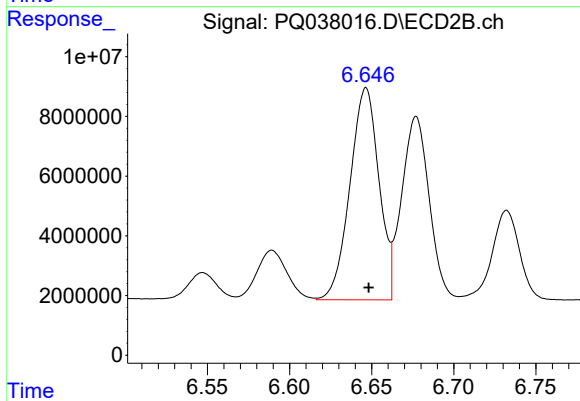
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 7779829
Conc: 48.51 ng/ml



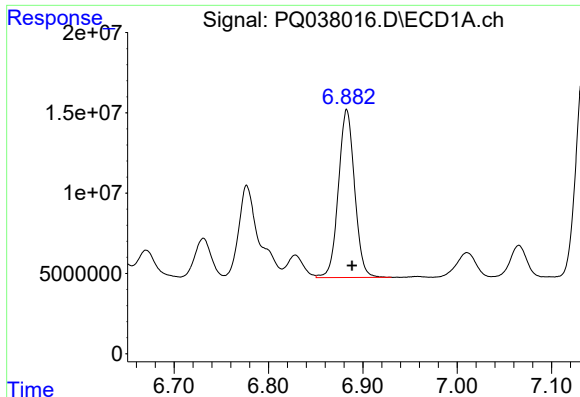
#30 AR-1254-5

R.T.: 7.422 min
Delta R.T.: -0.003 min
Response: 163413517
Conc: 553.82 ng/ml



#30 AR-1254-5

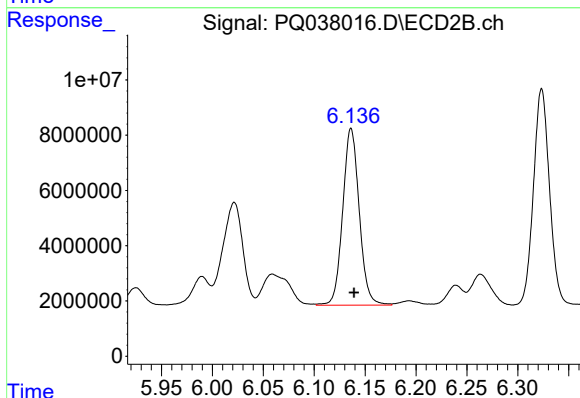
R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 87388994
Conc: 502.35 ng/ml



#31 AR-1260-1

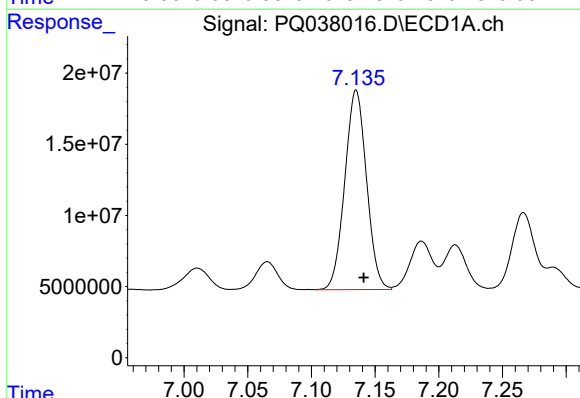
R.T.: 6.883 min
Delta R.T.: -0.005 min
Response: 124589640
Conc: 481.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



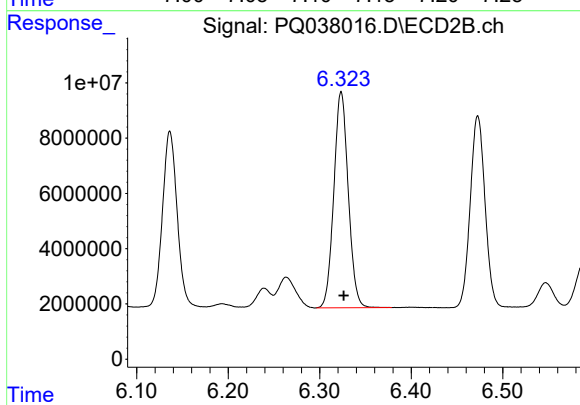
#31 AR-1260-1

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 72316134
Conc: 465.95 ng/ml



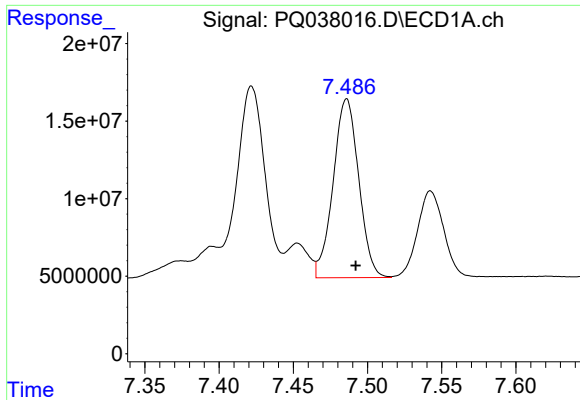
#32 AR-1260-2

R.T.: 7.135 min
Delta R.T.: -0.006 min
Response: 166458776
Conc: 482.91 ng/ml



#32 AR-1260-2

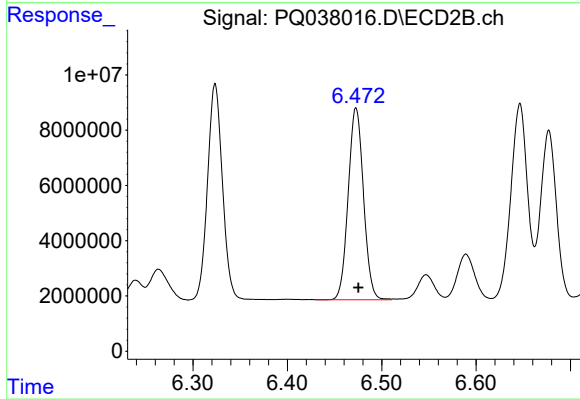
R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 85686461
Conc: 454.16 ng/ml



#33 AR-1260-3

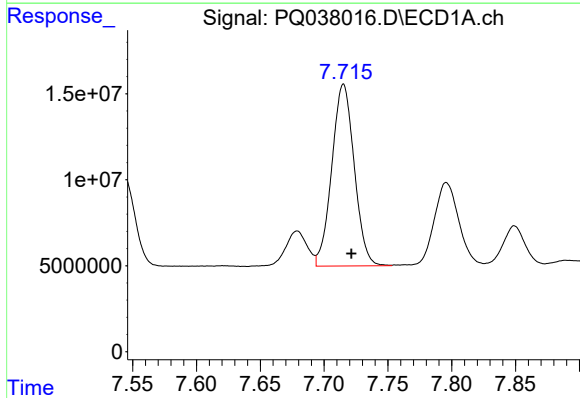
R.T.: 7.486 min
Delta R.T.: -0.006 min
Response: 138314449
Conc: 487.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



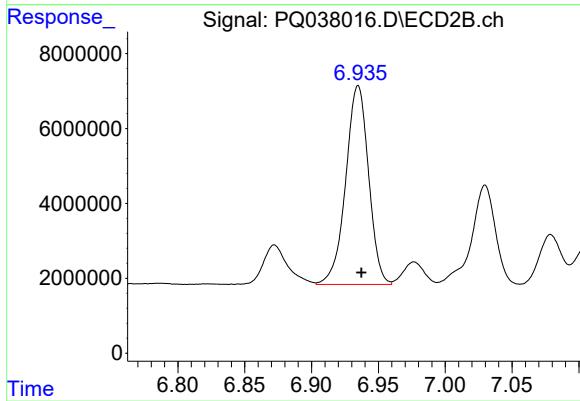
#33 AR-1260-3

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 78253943
Conc: 459.53 ng/ml



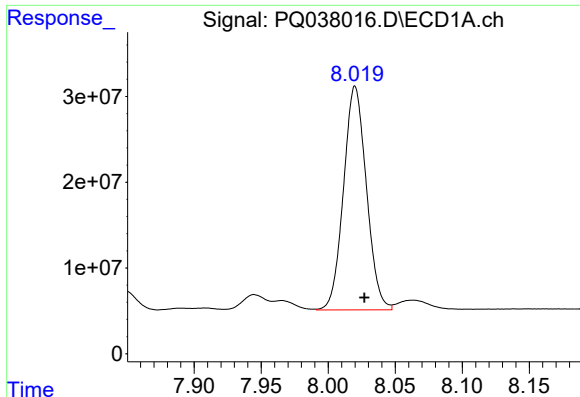
#34 AR-1260-4

R.T.: 7.715 min
Delta R.T.: -0.006 min
Response: 129355256
Conc: 480.49 ng/ml



#34 AR-1260-4

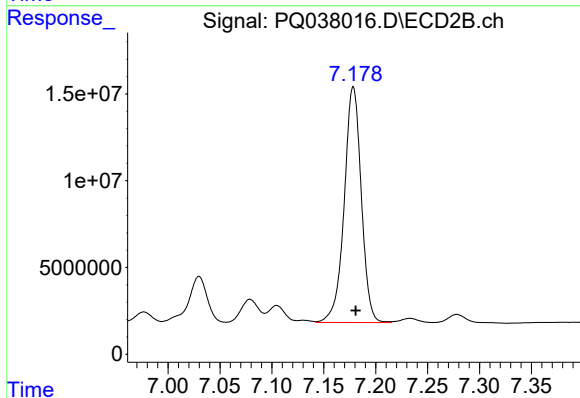
R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 63367477
Conc: 454.38 ng/ml



#35 AR-1260-5

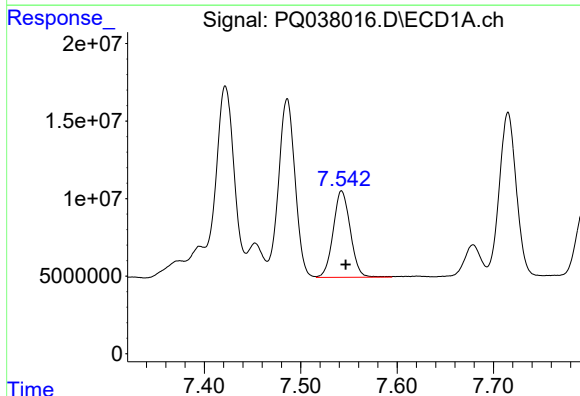
R.T.: 8.020 min
Delta R.T.: -0.007 min
Response: 309730761
Conc: 491.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



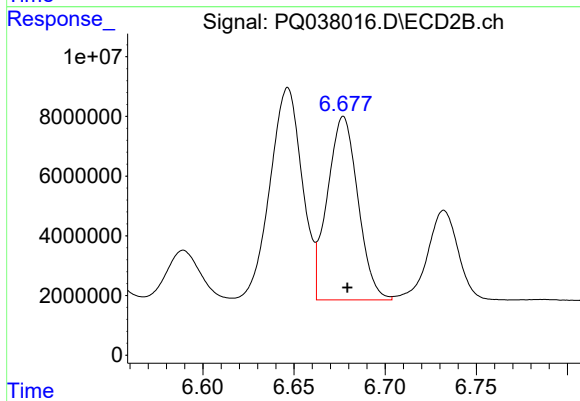
#35 AR-1260-5

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 155618858
Conc: 469.21 ng/ml



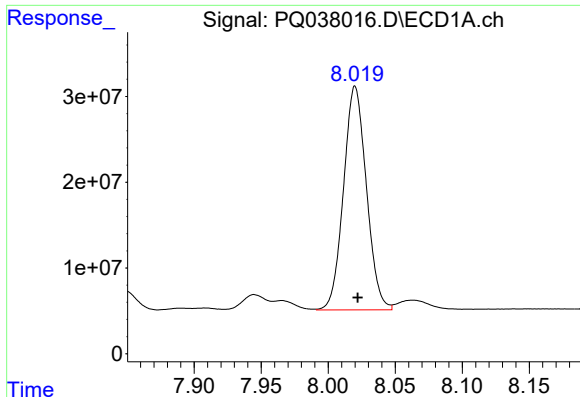
#36 AR-1262-1

R.T.: 7.542 min
Delta R.T.: -0.004 min
Response: 68846829
Conc: 445.79 ng/ml



#36 AR-1262-1

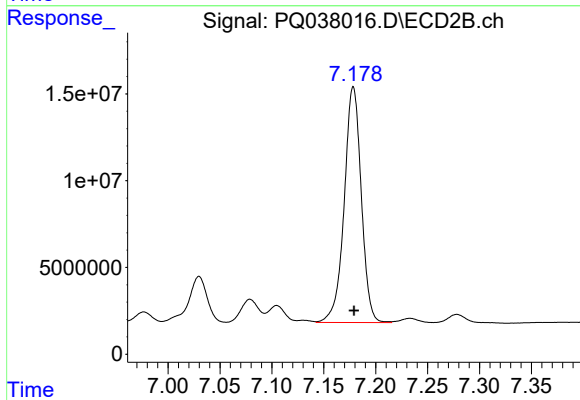
R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 71780299
Conc: 339.83 ng/ml



#37 AR-1262-2

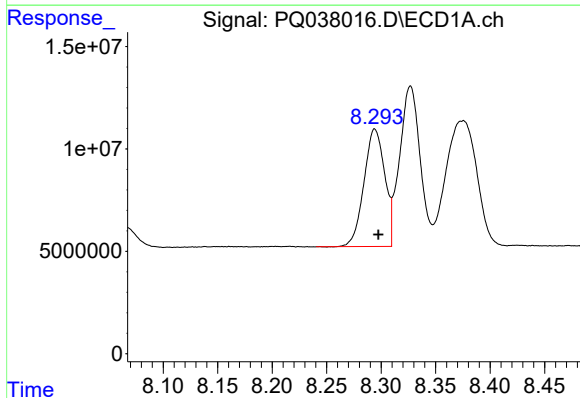
R.T.: 8.020 min
Delta R.T.: -0.002 min
Response: 309730761
Conc: 441.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



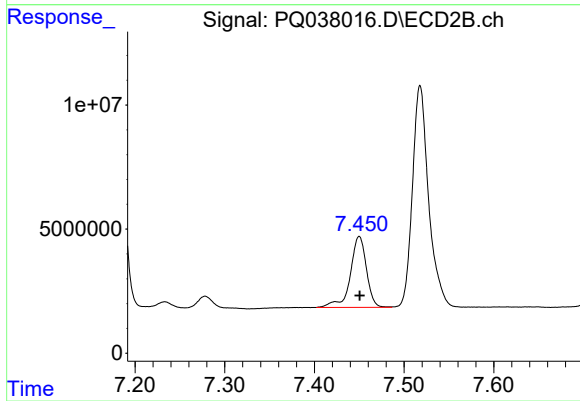
#37 AR-1262-2

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 155618858
Conc: 414.07 ng/ml



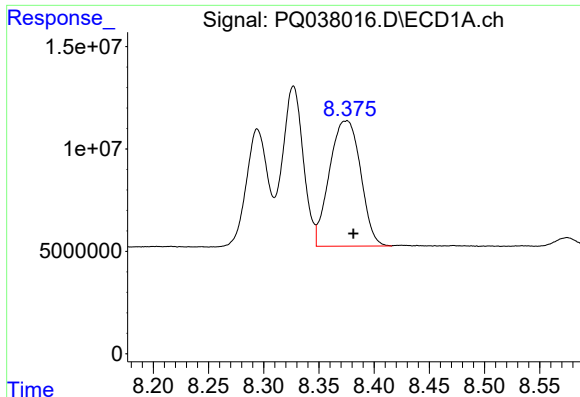
#38 AR-1262-3

R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 76089430
Conc: 253.86 ng/ml



#38 AR-1262-3

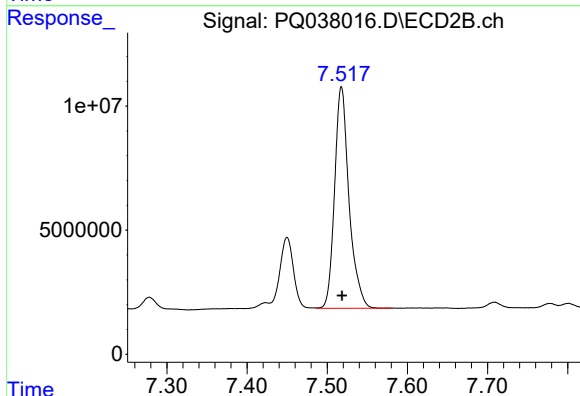
R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 35739817
Conc: 241.80 ng/ml



#39 AR-1262-4

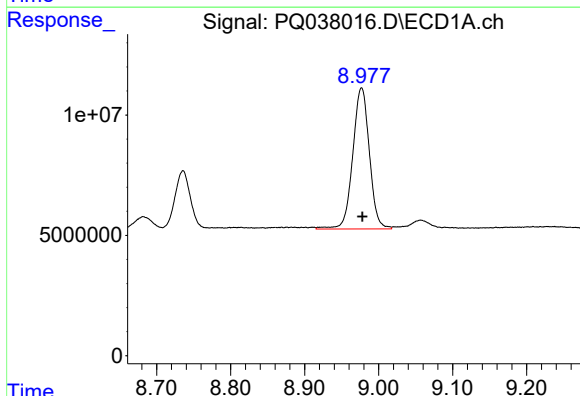
R.T.: 8.375 min
Delta R.T.: -0.006 min
Response: 120173815
Conc: 346.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



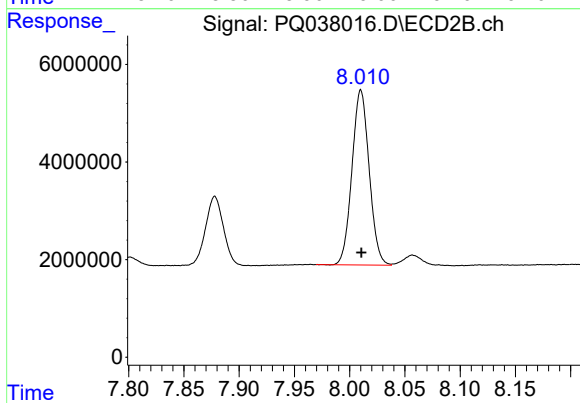
#39 AR-1262-4

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 111942858
Conc: 417.31 ng/ml



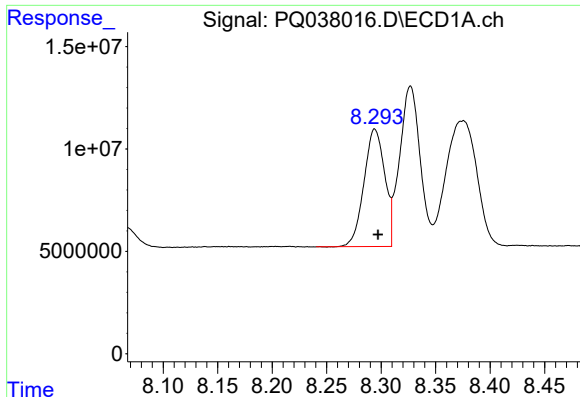
#40 AR-1262-5

R.T.: 8.977 min
Delta R.T.: -0.001 min
Response: 91549461
Conc: 383.14 ng/ml



#40 AR-1262-5

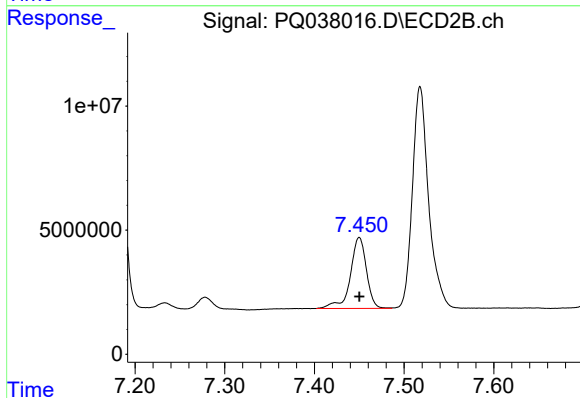
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 38849140
Conc: 341.44 ng/ml



#41 AR-1268-1

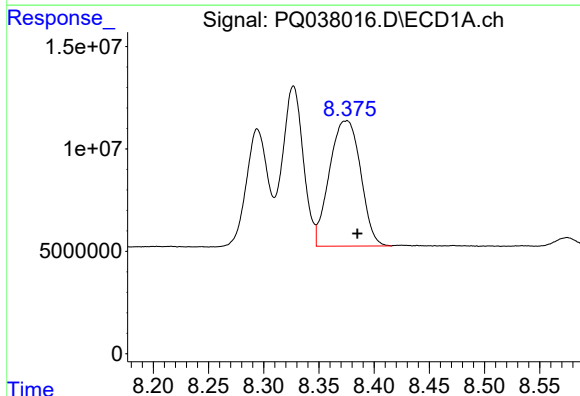
R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 76089430
Conc: 92.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



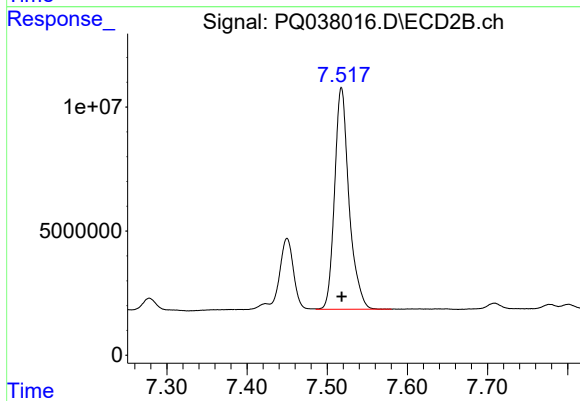
#41 AR-1268-1

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 35739817
Conc: 88.34 ng/ml



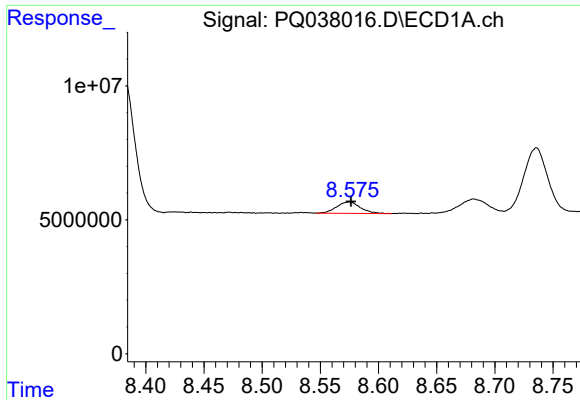
#42 AR-1268-2

R.T.: 8.375 min
Delta R.T.: -0.010 min
Response: 120173815
Conc: 160.92 ng/ml



#42 AR-1268-2

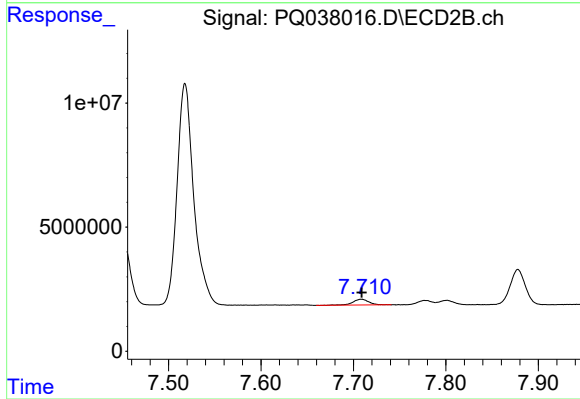
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 111942858
Conc: 299.00 ng/ml



#43 AR-1268-3

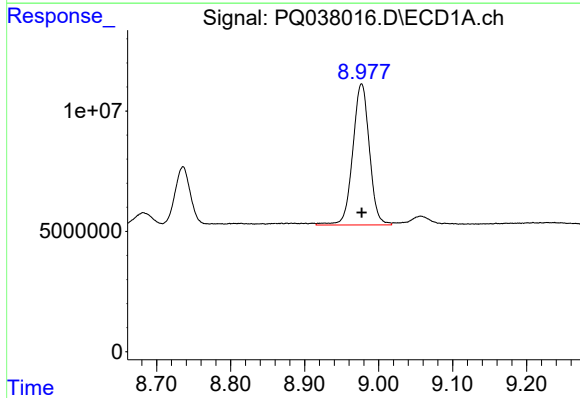
R.T.: 8.575 min
Delta R.T.: -0.002 min
Response: 6033700
Conc: 9.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



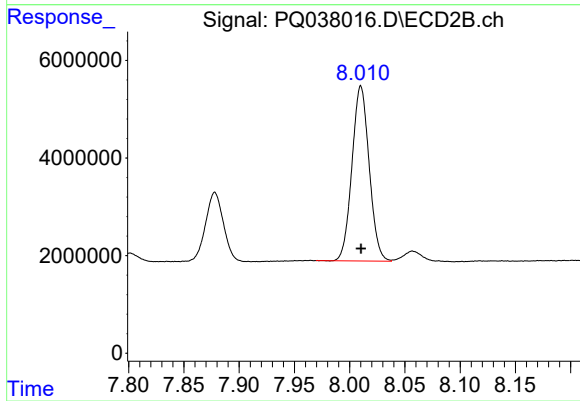
#43 AR-1268-3

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 2783853
Conc: 9.20 ng/ml



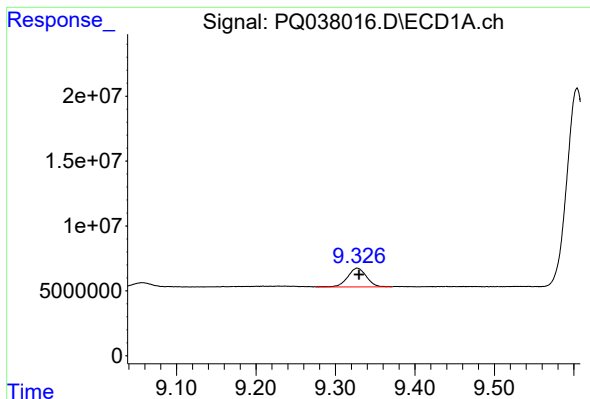
#44 AR-1268-4

R.T.: 8.977 min
Delta R.T.: 0.000 min
Response: 91549461
Conc: 353.67 ng/ml



#44 AR-1268-4

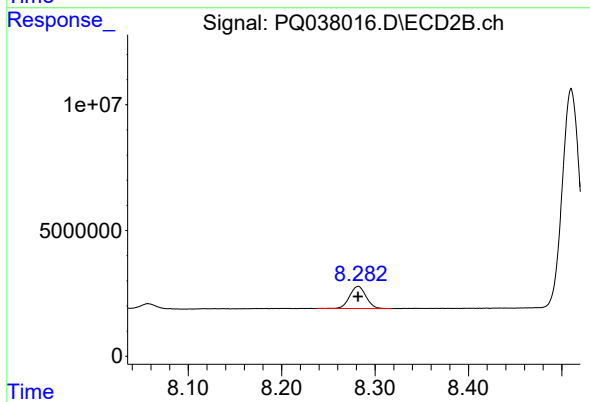
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 38849140
Conc: 311.03 ng/ml



#45 AR-1268-5

R.T.: 9.328 min
Delta R.T.: -0.002 min
Response: 23926275
Conc: 12.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 10774812
Conc: 11.39 ng/ml