

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
 Data File : PQ041241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 17:08
 Operator : SM\AJ
 Sample : PB121284BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB121284BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:35:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 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...	5.715	4.770	184.4E6	114.0E6	18.152	17.486
2)	SA Decachlor...	12.134	10.544	237.4E6	84906853	18.488	18.162
Target Compounds							
3)	L1 AR-1016-1	7.162	6.226	76730744	50178038	193.012	199.955
4)	L1 AR-1016-2	7.187	6.249	112.8E6	69923044	194.607	196.157
5)	L1 AR-1016-3	7.258	6.463	66124309	36365342	193.434	195.685
6)	L1 AR-1016-4	7.371	6.517	54758380	29296998	189.203	192.214
7)	L1 AR-1016-5	7.706	6.770	51483795	37304647	189.045	195.914
8)	L2 AR-1221-1	0.000	5.078	0	3513236	N.D.	47.423 #
9)	L2 AR-1221-2	0.000	5.196	0	5375702	N.D.	100.499 #
10)	L2 AR-1221-3	6.200	5.301	33520955	22759454	126.907	130.803
11)	L3 AR-1232-1	6.200	5.301	33520955	22759454	168.737	165.966
12)	L3 AR-1232-2	6.845	6.249	49494183	69923044	472.534	480.309
13)	L3 AR-1232-3	7.187	6.463	112.8E6	36365342	488.491	488.434
14)	L3 AR-1232-4	7.371	6.566	54758380	35676388	488.088	561.860
15)	L3 AR-1232-5	7.477	6.770	43771167	37304647	605.016	543.984
16)	L4 AR-1242-1	7.162	6.226	76730744	50178038	172.410	174.476
17)	L4 AR-1242-2	7.187	6.249	112.8E6	69923044	170.694	168.604
18)	L4 AR-1242-3	7.258	6.463	66124309	36365342	172.266	170.399
19)	L4 AR-1242-4	7.371	6.566	54758380	35676388	164.250	180.515
20)	L4 AR-1242-5	0.000	7.180	0	30263044	N.D.	101.905 #
21)	L5 AR-1248-1	7.162	6.226	76730744	50178038	251.409	256.836
22)	L5 AR-1248-2	7.477	6.517	43771167	29296998	113.533	114.700
23)	L5 AR-1248-3	7.706	6.566	51483795	35676388	104.910	136.885 #
24)	L5 AR-1248-4	8.122	6.770	29802398	37304647	50.070	117.560 #
25)	L5 AR-1248-5	0.000	7.226	0	4606297	N.D.	13.799 #
26)	L6 AR-1254-1	8.122	7.180	29802398	30263044	57.787	83.713 #
27)	L6 AR-1254-2	8.361	7.347	43493697	29340269	67.445	96.014 #
28)	L6 AR-1254-3	8.756	7.812	24597743	52539357	33.625	105.969 #
29)	L6 AR-1254-4	9.058	8.045	17219600	6311295	27.222	18.519 #
30)	L6 AR-1254-5	9.496	8.491	169.1E6	96294276	292.766	229.586
31)	L7 AR-1260-1	8.929	7.938	105.3E6	71205926	199.071	209.565
32)	L7 AR-1260-2	9.199	8.140	148.9E6	94794936	198.652	213.166
33)	L7 AR-1260-3	9.576	8.306	105.3E6	78268580	164.143	209.879 #
34)	L7 AR-1260-4	9.820	8.806	103.6E6	53955335	170.698	179.415
35)	L7 AR-1260-5	10.168	9.056	243.2E6	131.5E6	170.429	177.630
36)	L8 AR-1262-1	9.576	8.531	105.3E6	67507234	104.777	124.223
37)	L8 AR-1262-2	10.168	9.056	243.2E6	131.5E6	136.410	148.981
38)	L8 AR-1262-3	10.525	9.351	147.8E6	26057288	127.016	74.740 #
39)	L8 AR-1262-4	10.585	9.417	85518601	87190761	94.101	142.194 #
40)	L8 AR-1262-5	11.319	9.943	61322152	25494239	96.562	97.329
41)	L9 AR-1268-1	10.525	9.351	147.8E6	26057288	72.317	28.638 #

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 Acq On : 16 Jul 2019 17:08
 Operator : SM\AJ
 Sample : PB121284BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

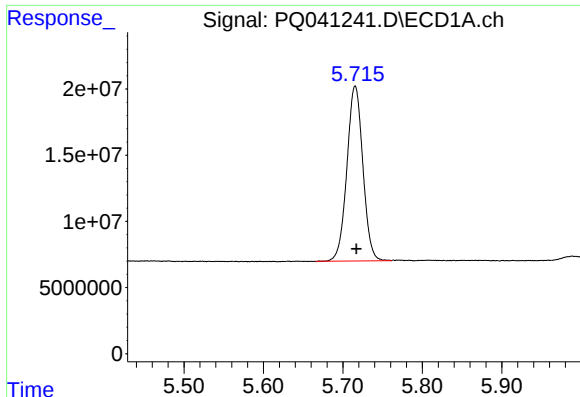
Instrument :
 ECD_Q
 ClientSampleId :
 PB121284BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 02:35:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.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	10.585	9.417	85518601	87190761	46.561	107.900 #
44) L9	AR-1268-4	11.319	9.943	61322152	25494239	93.176	92.555
45) L9	AR-1268-5	11.769	10.262	20367018	8314030	4.132	4.696

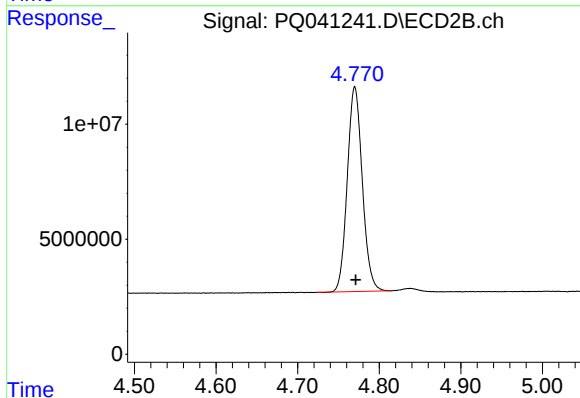
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

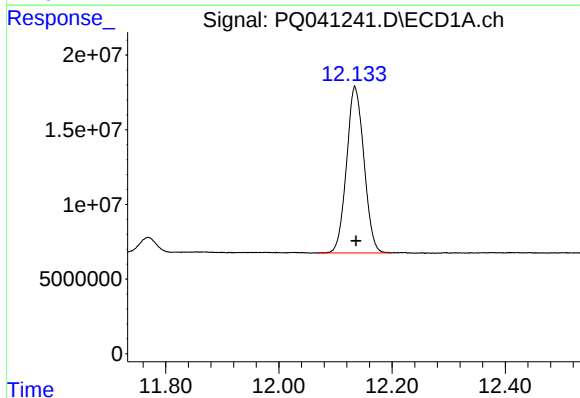
R.T.: 5.715 min
Delta R.T.: -0.002 min
Response: 184385963
Conc: 18.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



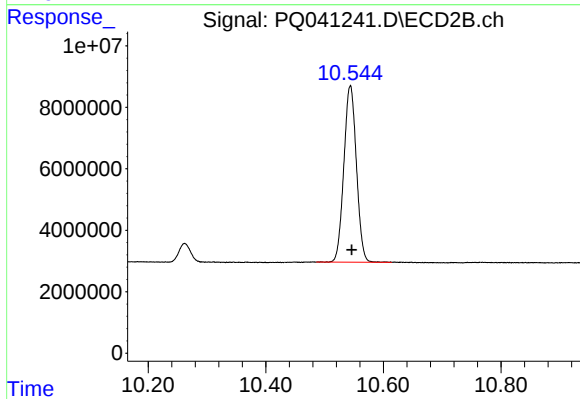
#1 Tetrachloro-m-xylene

R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 114024974
Conc: 17.49 ng/ml



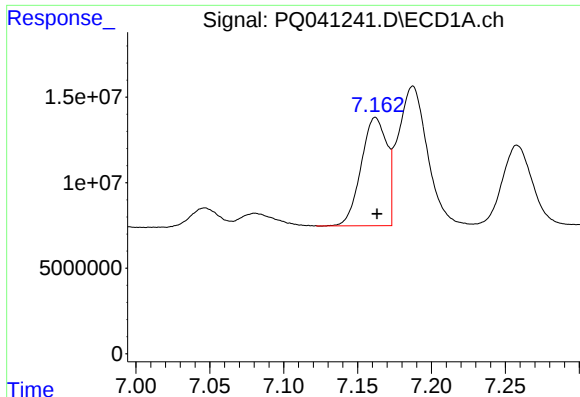
#2 Decachlorobiphenyl

R.T.: 12.134 min
Delta R.T.: -0.002 min
Response: 237426776
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

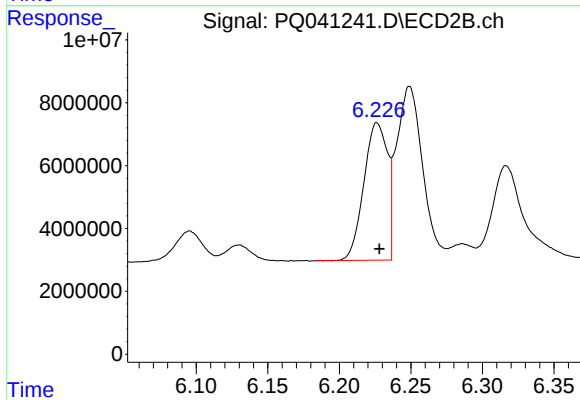
R.T.: 10.544 min
Delta R.T.: -0.002 min
Response: 84906853
Conc: 18.16 ng/ml



#3 AR-1016-1

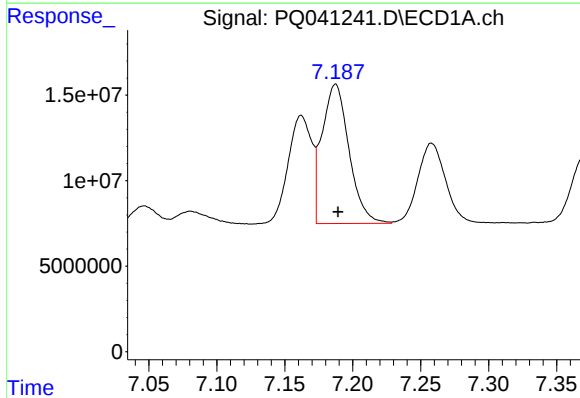
R.T.: 7.162 min
Delta R.T.: -0.001 min
Response: 76730744
Conc: 193.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



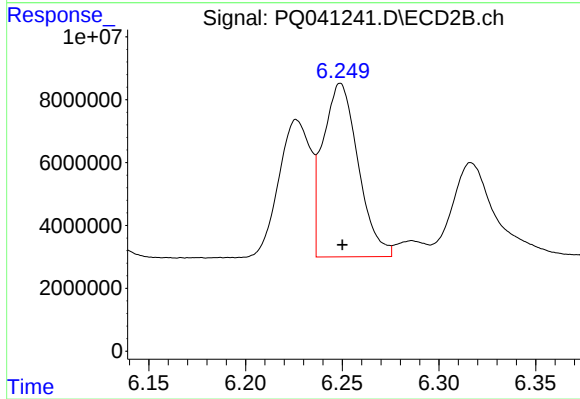
#3 AR-1016-1

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 50178038
Conc: 199.96 ng/ml



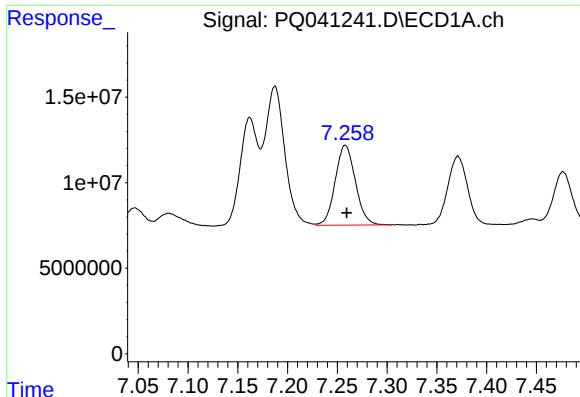
#4 AR-1016-2

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 112819675
Conc: 194.61 ng/ml



#4 AR-1016-2

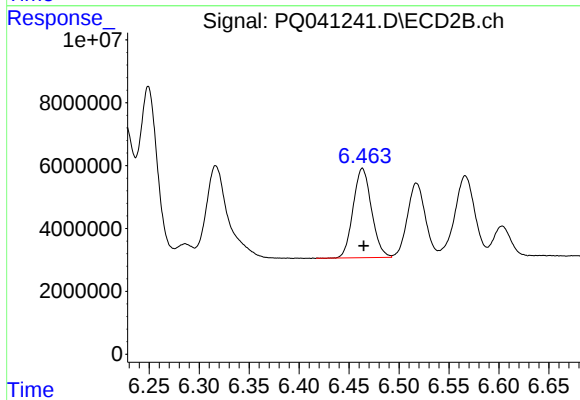
R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 69923044
Conc: 196.16 ng/ml



#5 AR-1016-3

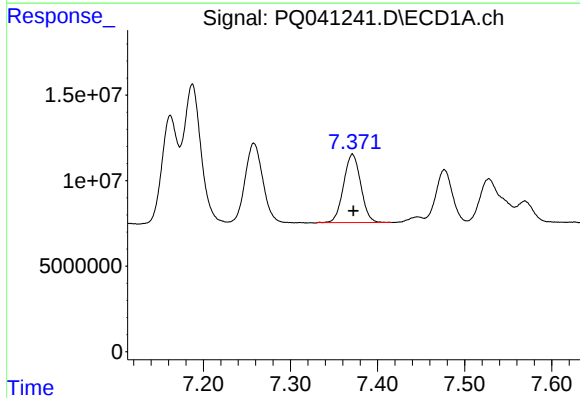
R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 66124309
Conc: 193.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



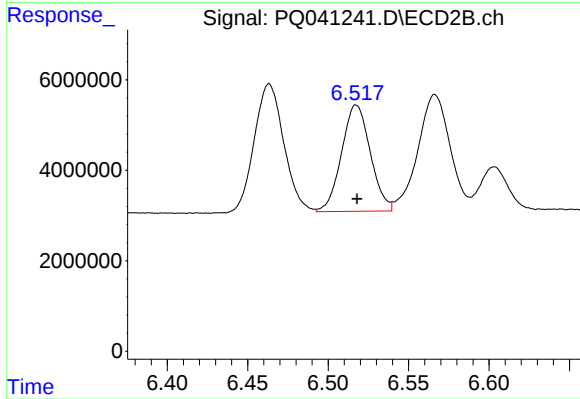
#5 AR-1016-3

R.T.: 6.463 min
Delta R.T.: -0.001 min
Response: 36365342
Conc: 195.69 ng/ml



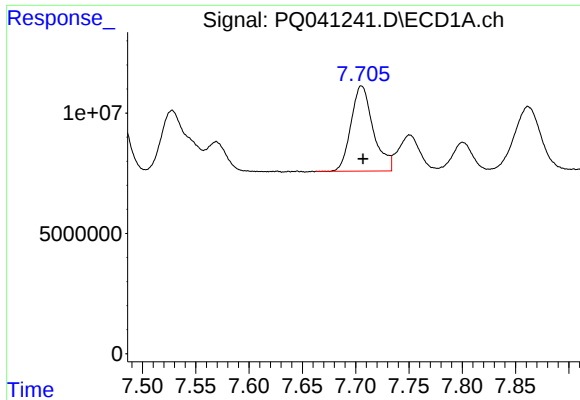
#6 AR-1016-4

R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 54758380
Conc: 189.20 ng/ml



#6 AR-1016-4

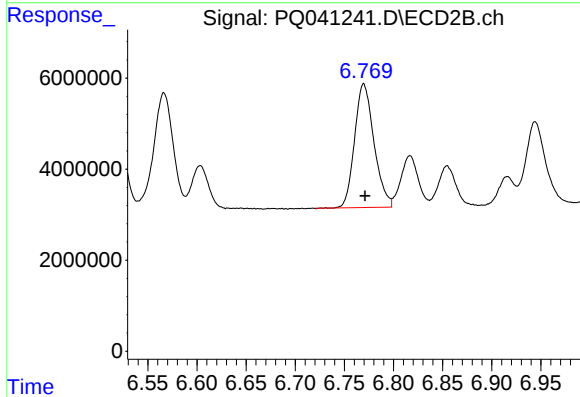
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 29296998
Conc: 192.21 ng/ml



#7 AR-1016-5

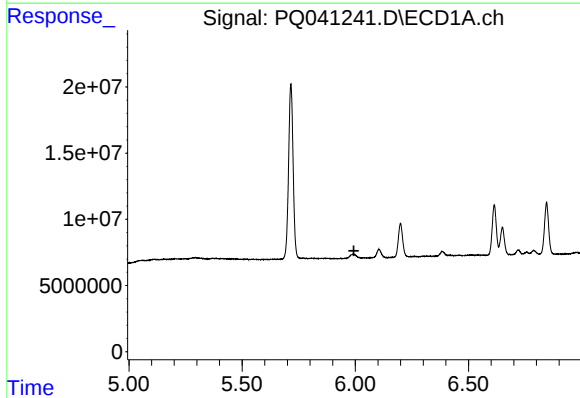
R.T.: 7.706 min
Delta R.T.: -0.001 min
Response: 51483795
Conc: 189.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



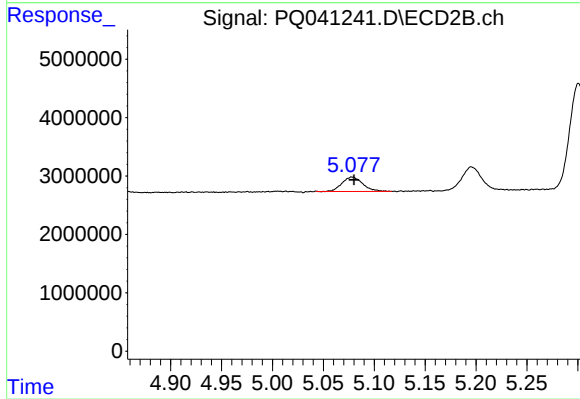
#7 AR-1016-5

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 37304647
Conc: 195.91 ng/ml



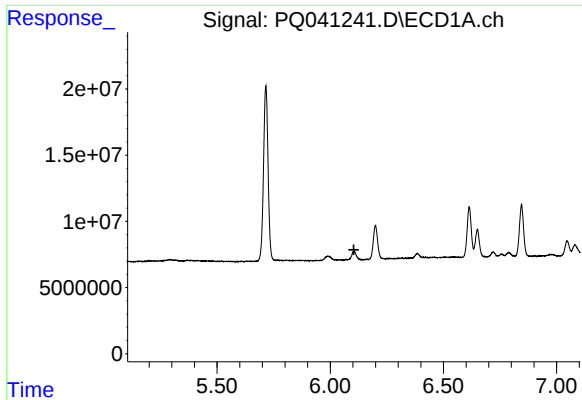
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.994 min
Response: 0
Conc: N.D.



#8 AR-1221-1

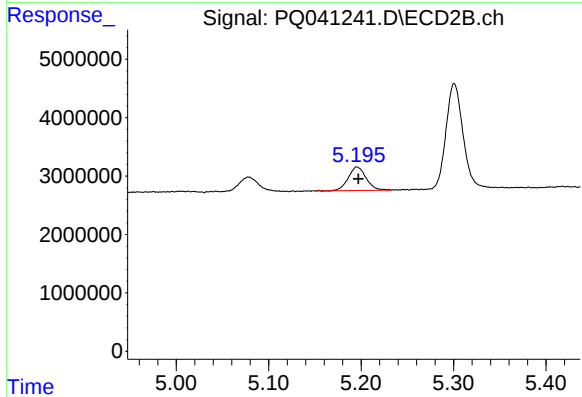
R.T.: 5.078 min
Delta R.T.: -0.002 min
Response: 3513236
Conc: 47.42 ng/ml



#9 AR-1221-2

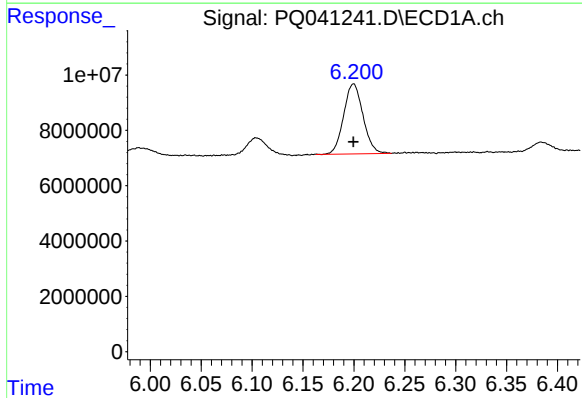
R.T.: 0.000 min
Exp R.T.: 6.104 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



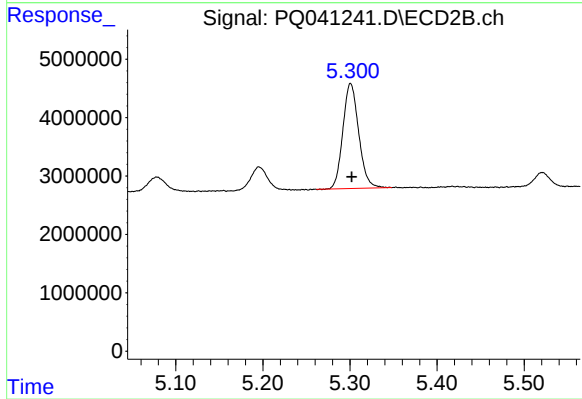
#9 AR-1221-2

R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 5375702
Conc: 100.50 ng/ml



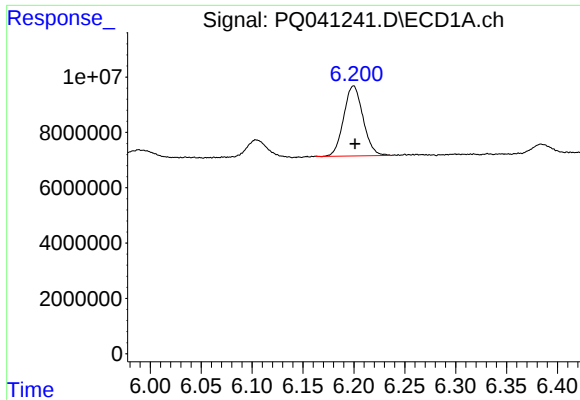
#10 AR-1221-3

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 33520955
Conc: 126.91 ng/ml



#10 AR-1221-3

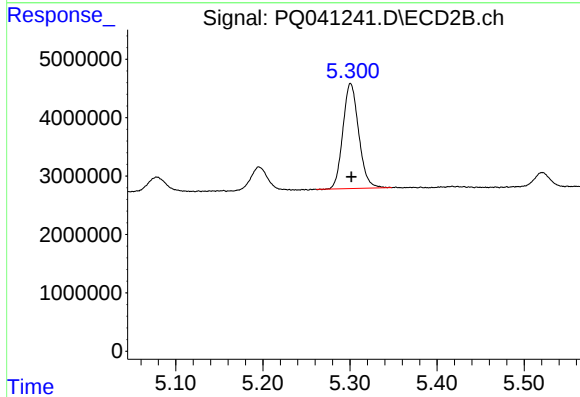
R.T.: 5.301 min
Delta R.T.: -0.001 min
Response: 22759454
Conc: 130.80 ng/ml



#11 AR-1232-1

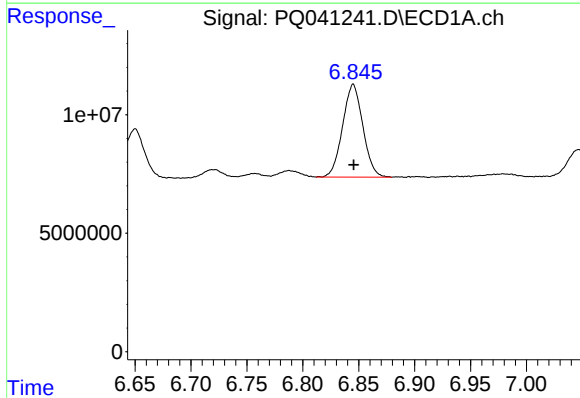
R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 33520955
Conc: 168.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



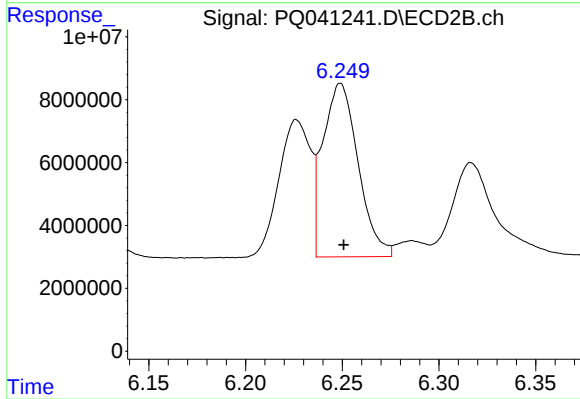
#11 AR-1232-1

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 22759454
Conc: 165.97 ng/ml



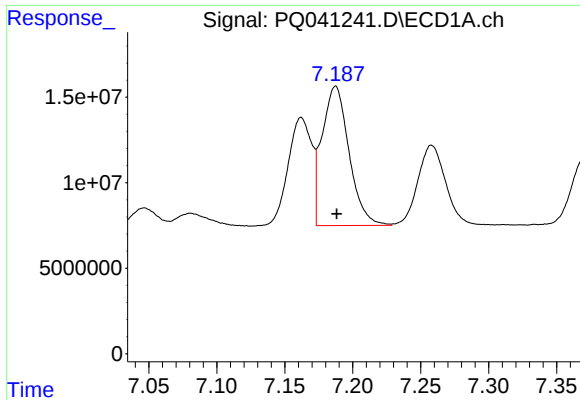
#12 AR-1232-2

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 49494183
Conc: 472.53 ng/ml



#12 AR-1232-2

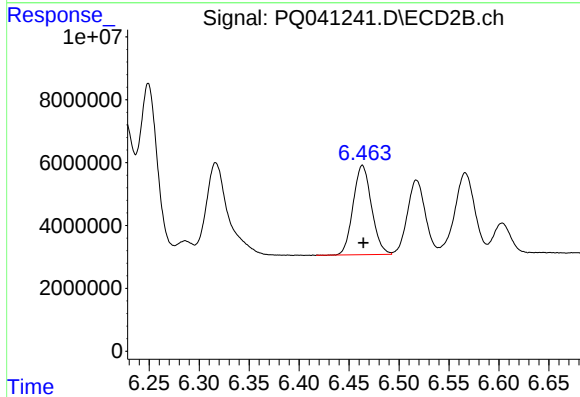
R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 69923044
Conc: 480.31 ng/ml



#13 AR-1232-3

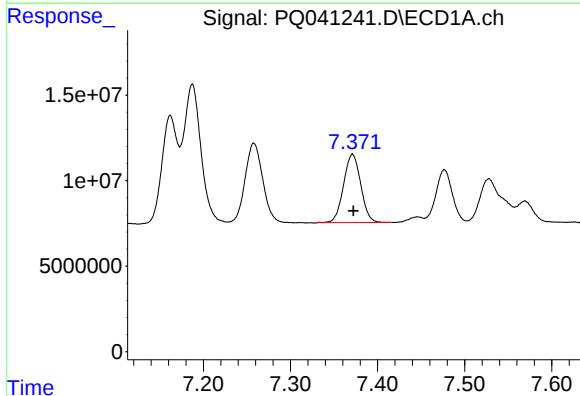
R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 112819675
Conc: 488.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



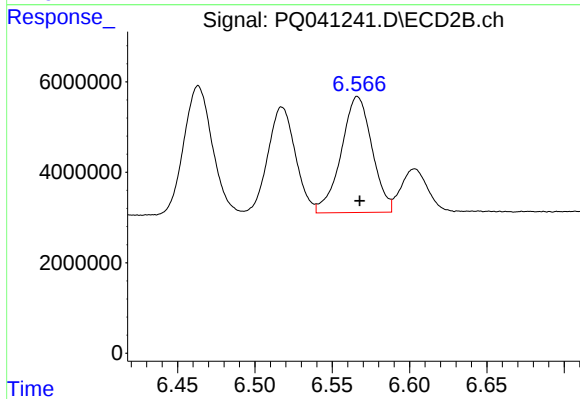
#13 AR-1232-3

R.T.: 6.463 min
Delta R.T.: -0.001 min
Response: 36365342
Conc: 488.43 ng/ml



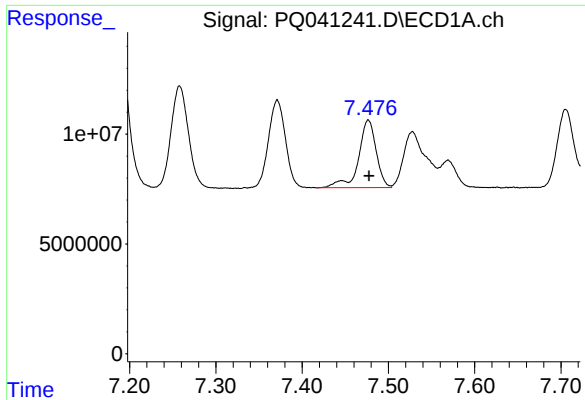
#14 AR-1232-4

R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 54758380
Conc: 488.09 ng/ml



#14 AR-1232-4

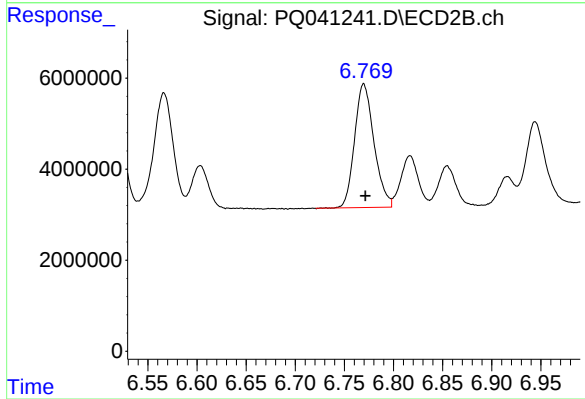
R.T.: 6.566 min
Delta R.T.: -0.001 min
Response: 35676388
Conc: 561.86 ng/ml



#15 AR-1232-5

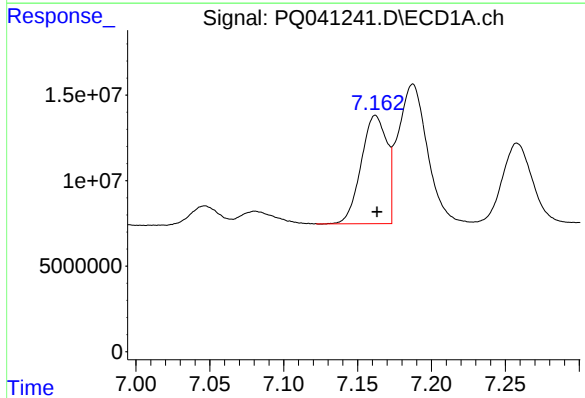
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 43771167
Conc: 605.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



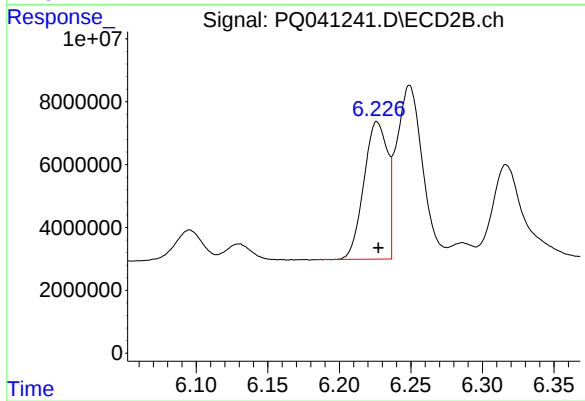
#15 AR-1232-5

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 37304647
Conc: 543.98 ng/ml



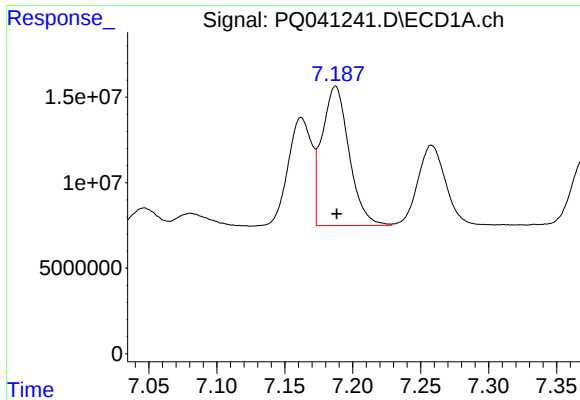
#16 AR-1242-1

R.T.: 7.162 min
Delta R.T.: -0.001 min
Response: 76730744
Conc: 172.41 ng/ml



#16 AR-1242-1

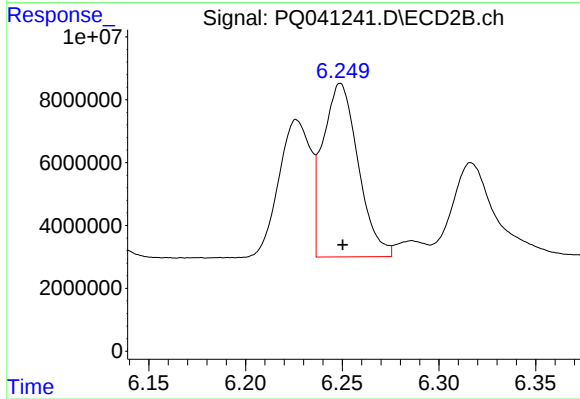
R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 50178038
Conc: 174.48 ng/ml



#17 AR-1242-2

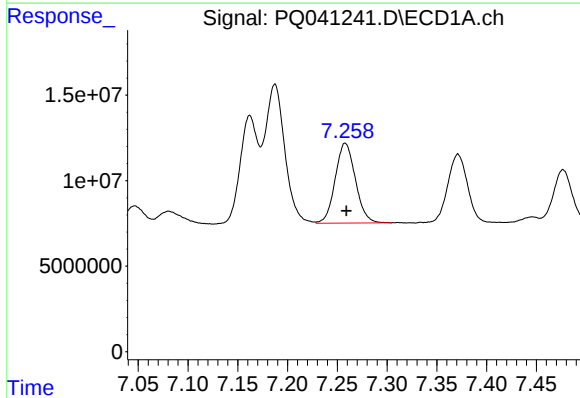
R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 112819675
Conc: 170.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



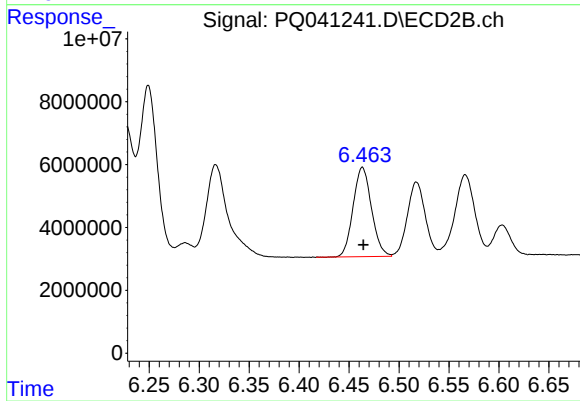
#17 AR-1242-2

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 69923044
Conc: 168.60 ng/ml



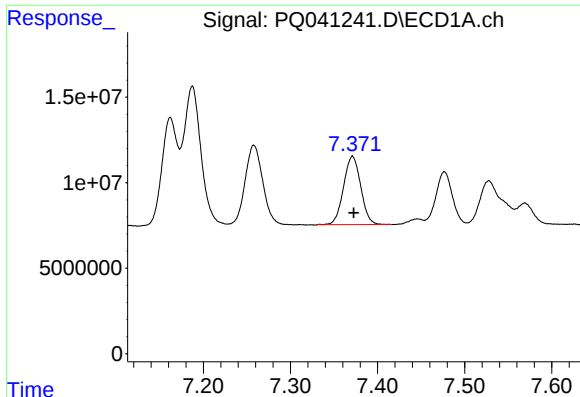
#18 AR-1242-3

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 66124309
Conc: 172.27 ng/ml



#18 AR-1242-3

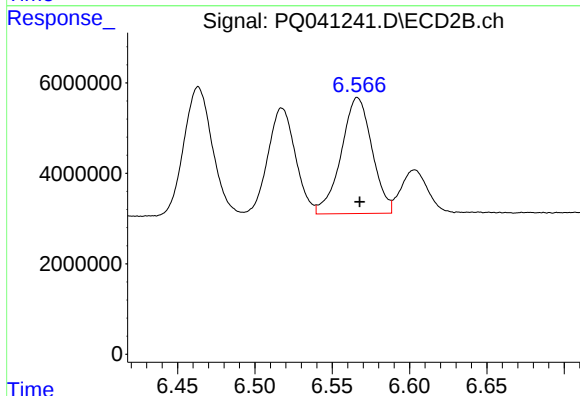
R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 36365342
Conc: 170.40 ng/ml



#19 AR-1242-4

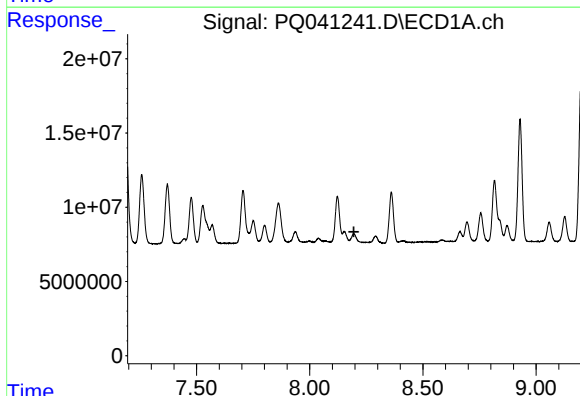
R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 54758380
Conc: 164.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



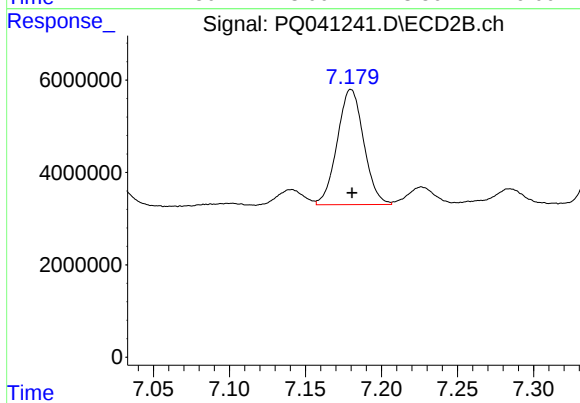
#19 AR-1242-4

R.T.: 6.566 min
Delta R.T.: -0.001 min
Response: 35676388
Conc: 180.52 ng/ml



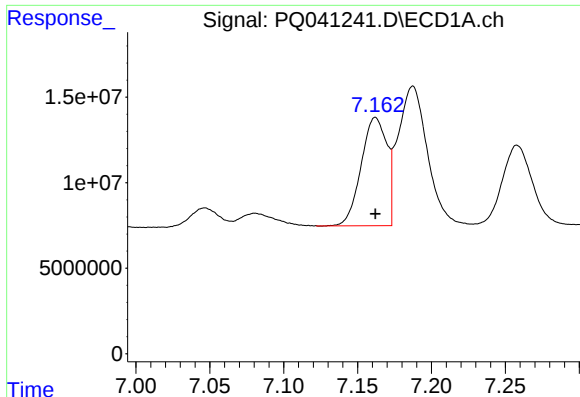
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 8.195 min
Response: 0
Conc: N.D.



#20 AR-1242-5

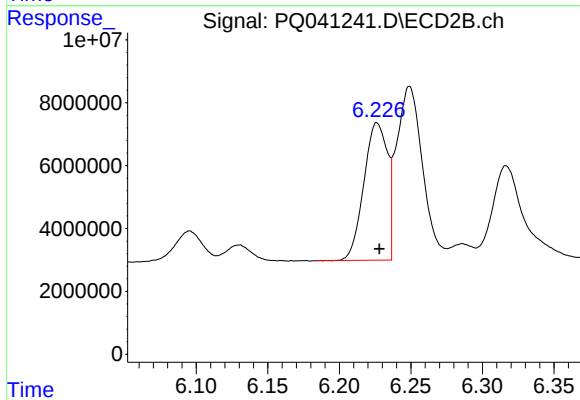
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 30263044
Conc: 101.90 ng/ml



#21 AR-1248-1

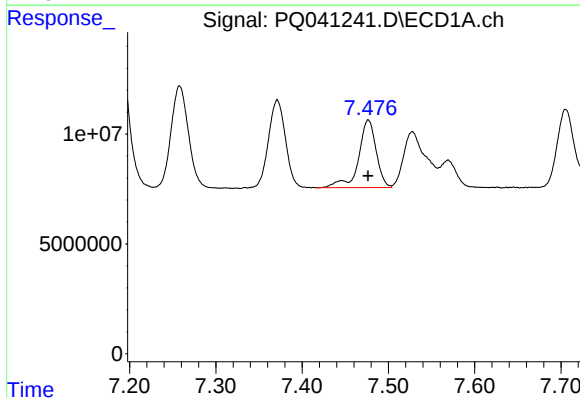
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 76730744
Conc: 251.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



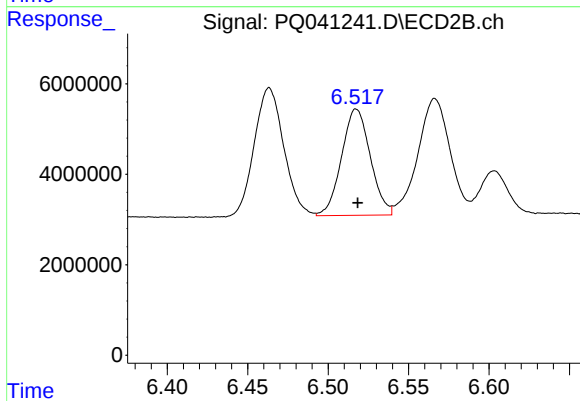
#21 AR-1248-1

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 50178038
Conc: 256.84 ng/ml



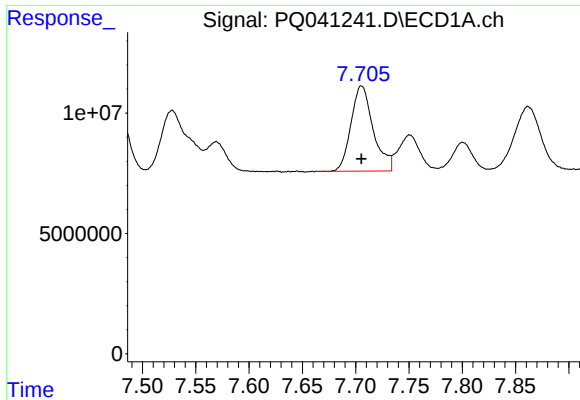
#22 AR-1248-2

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 43771167
Conc: 113.53 ng/ml



#22 AR-1248-2

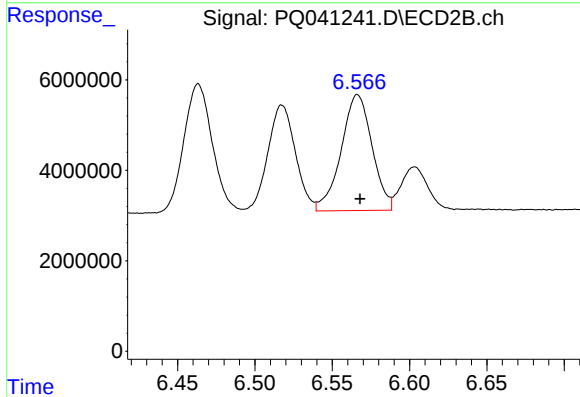
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 29296998
Conc: 114.70 ng/ml



#23 AR-1248-3

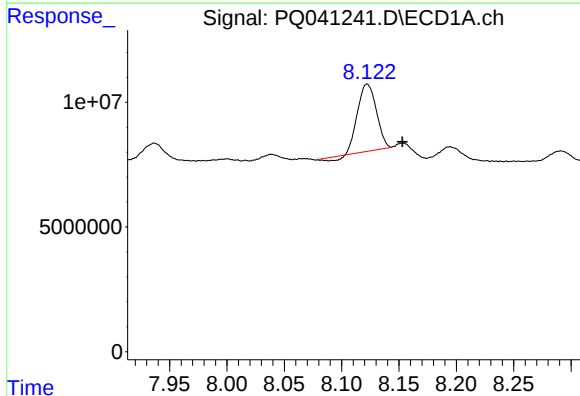
R.T.: 7.706 min
Delta R.T.: 0.000 min
Response: 51483795
Conc: 104.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



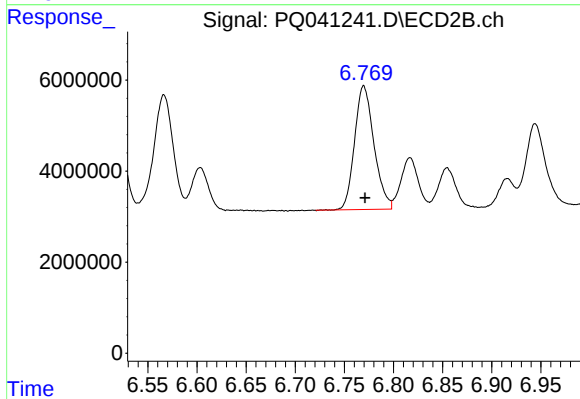
#23 AR-1248-3

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 35676388
Conc: 136.89 ng/ml



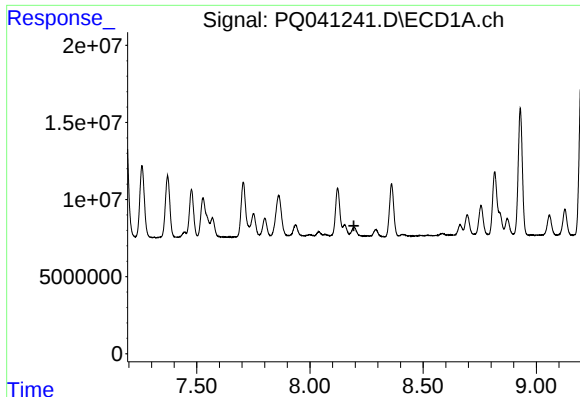
#24 AR-1248-4

R.T.: 8.122 min
Delta R.T.: -0.031 min
Response: 29802398
Conc: 50.07 ng/ml



#24 AR-1248-4

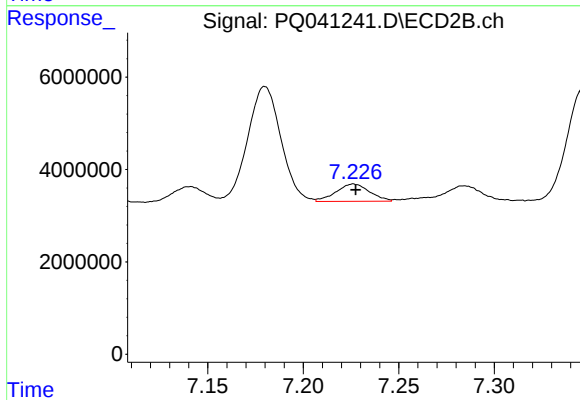
R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 37304647
Conc: 117.56 ng/ml



#25 AR-1248-5

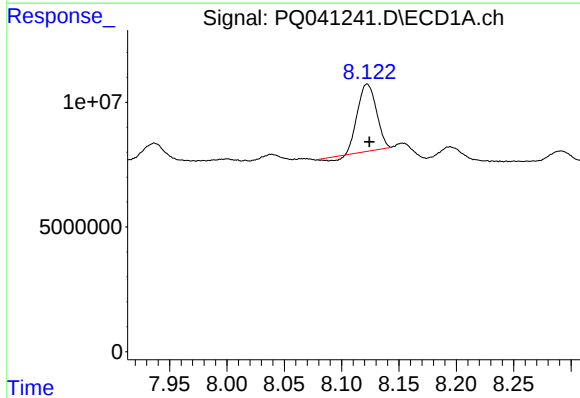
R.T.: 0.000 min
Exp R.T.: 8.194 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



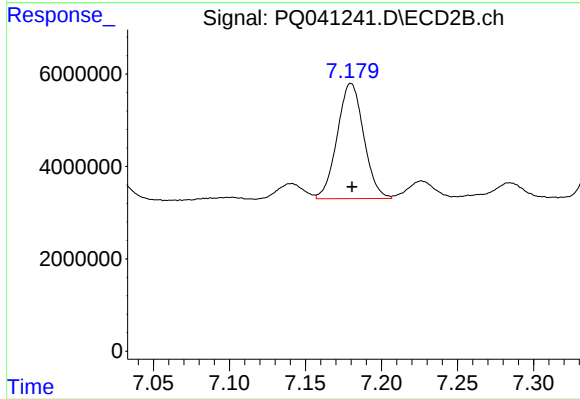
#25 AR-1248-5

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 4606297
Conc: 13.80 ng/ml



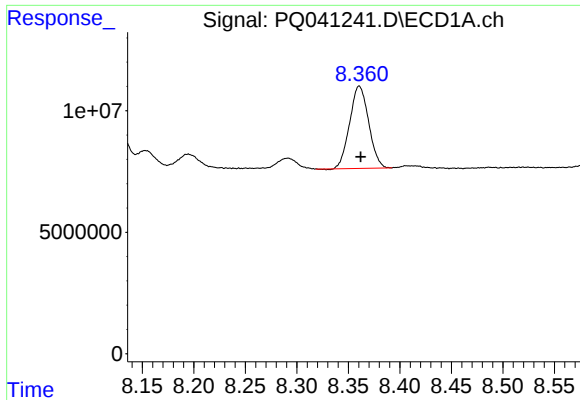
#26 AR-1254-1

R.T.: 8.122 min
Delta R.T.: -0.002 min
Response: 29802398
Conc: 57.79 ng/ml



#26 AR-1254-1

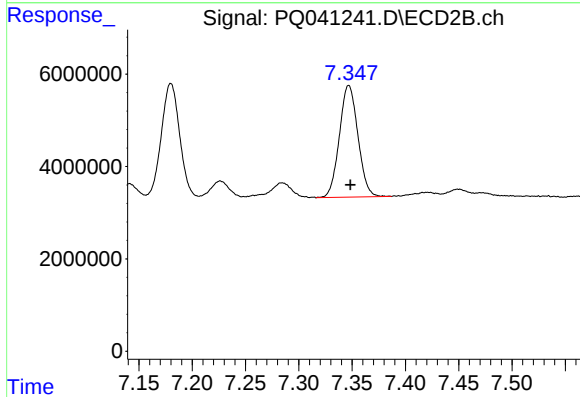
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 30263044
Conc: 83.71 ng/ml



#27 AR-1254-2

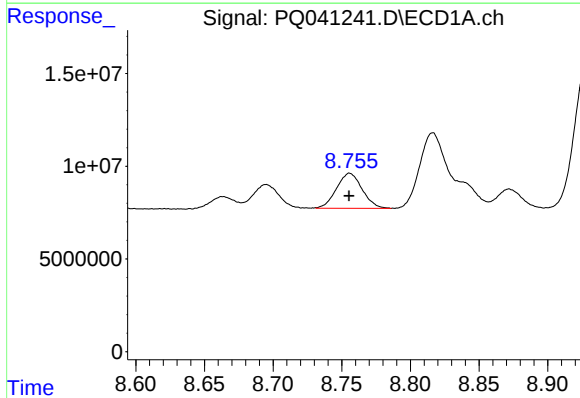
R.T.: 8.361 min
Delta R.T.: -0.001 min
Response: 43493697
Conc: 67.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



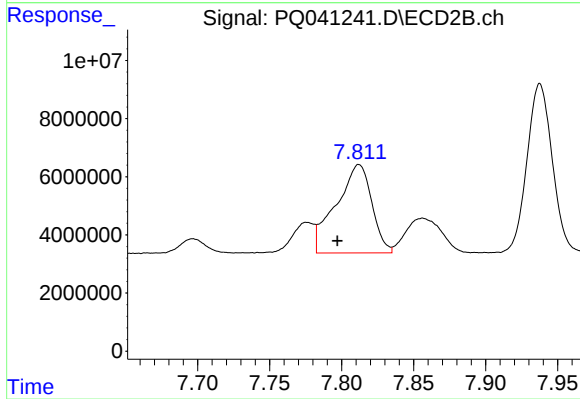
#27 AR-1254-2

R.T.: 7.347 min
Delta R.T.: -0.001 min
Response: 29340269
Conc: 96.01 ng/ml



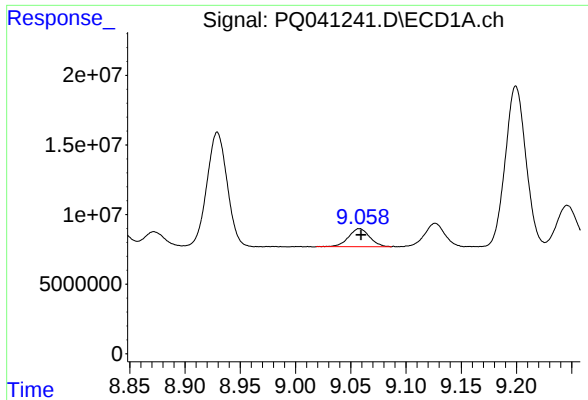
#28 AR-1254-3

R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 24597743
Conc: 33.62 ng/ml



#28 AR-1254-3

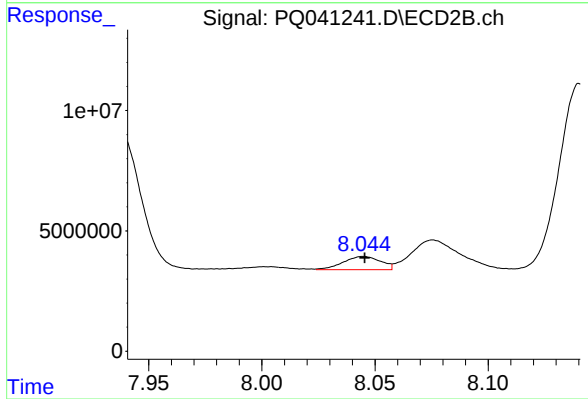
R.T.: 7.812 min
Delta R.T.: 0.015 min
Response: 52539357
Conc: 105.97 ng/ml



#29 AR-1254-4

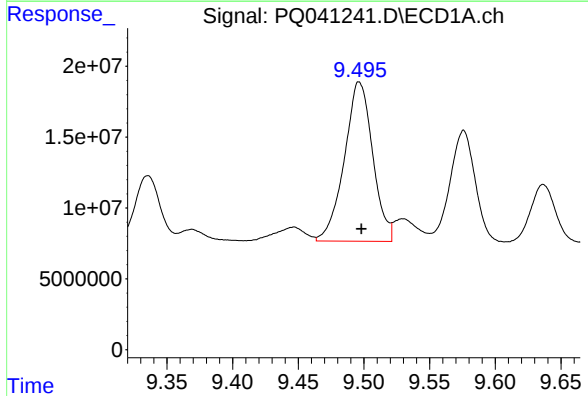
R.T.: 9.058 min
Delta R.T.: -0.001 min
Response: 17219600
Conc: 27.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



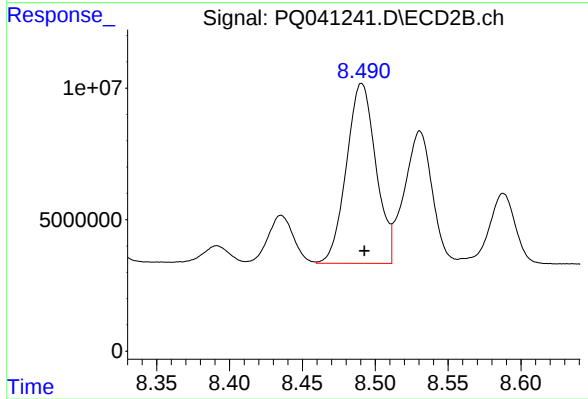
#29 AR-1254-4

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 6311295
Conc: 18.52 ng/ml



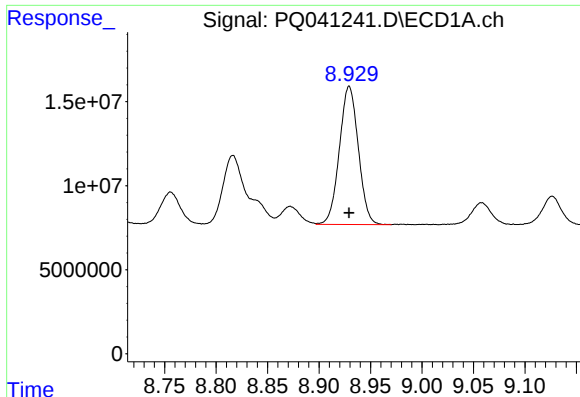
#30 AR-1254-5

R.T.: 9.496 min
Delta R.T.: -0.002 min
Response: 169076518
Conc: 292.77 ng/ml



#30 AR-1254-5

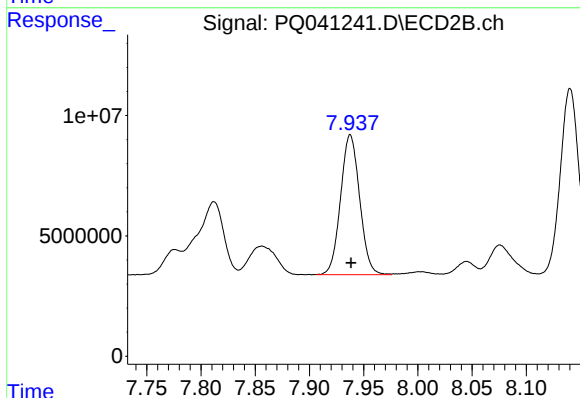
R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 96294276
Conc: 229.59 ng/ml



#31 AR-1260-1

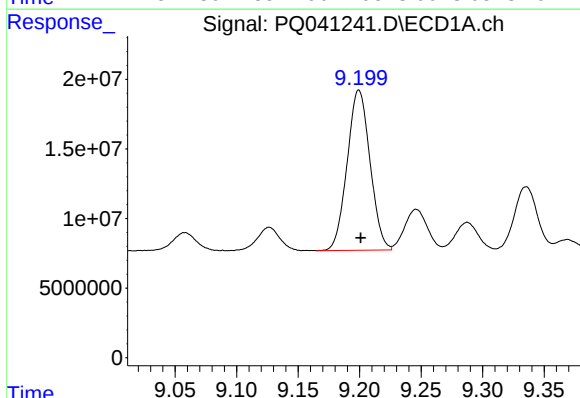
R.T.: 8.929 min
Delta R.T.: 0.000 min
Response: 105284273
Conc: 199.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



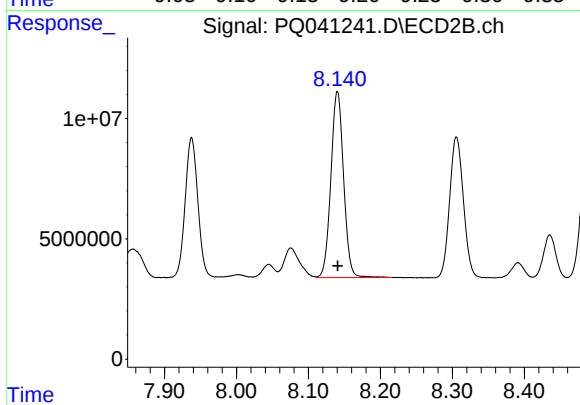
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 71205926
Conc: 209.57 ng/ml



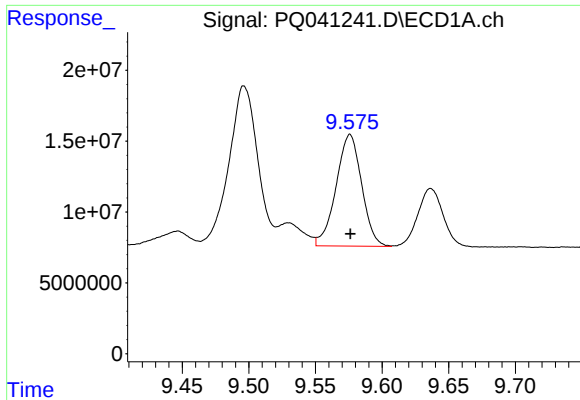
#32 AR-1260-2

R.T.: 9.199 min
Delta R.T.: -0.001 min
Response: 148896343
Conc: 198.65 ng/ml



#32 AR-1260-2

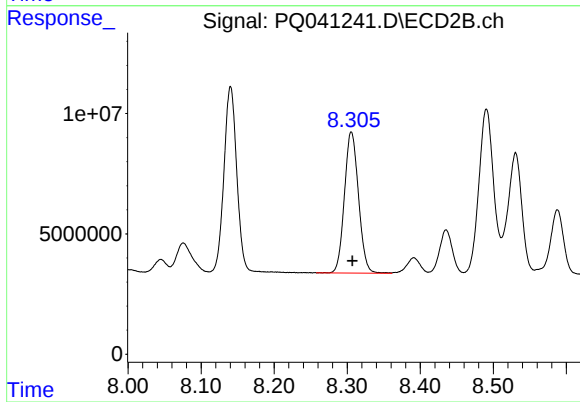
R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 94794936
Conc: 213.17 ng/ml



#33 AR-1260-3

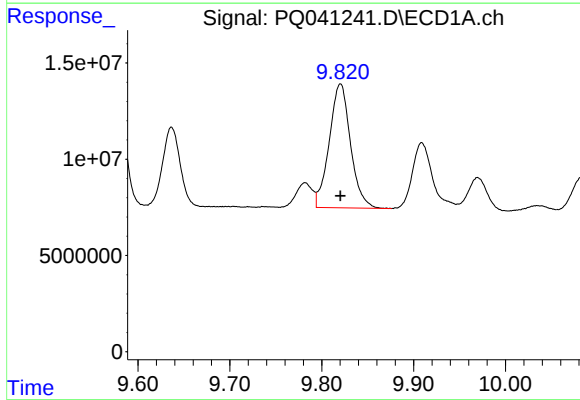
R.T.: 9.576 min
Delta R.T.: 0.000 min
Response: 105293974
Conc: 164.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



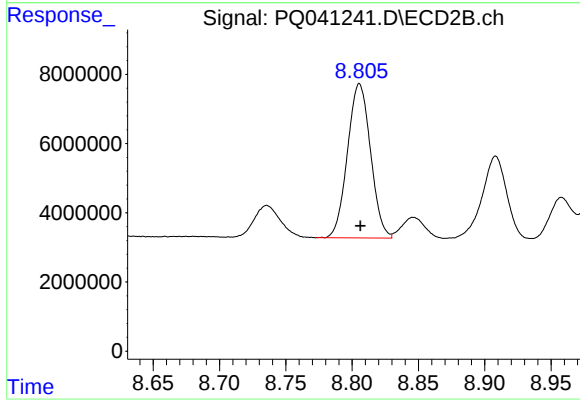
#33 AR-1260-3

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 78268580
Conc: 209.88 ng/ml



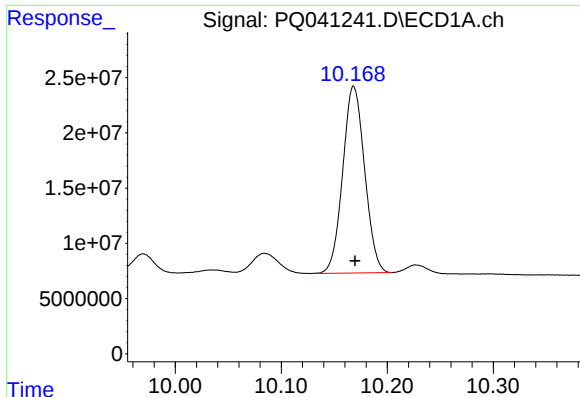
#34 AR-1260-4

R.T.: 9.820 min
Delta R.T.: 0.000 min
Response: 103567500
Conc: 170.70 ng/ml



#34 AR-1260-4

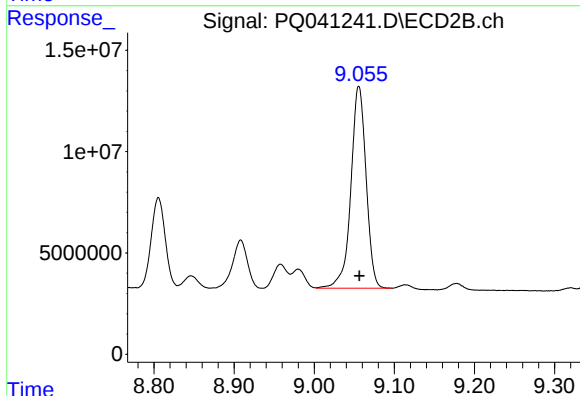
R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 53955335
Conc: 179.41 ng/ml



#35 AR-1260-5

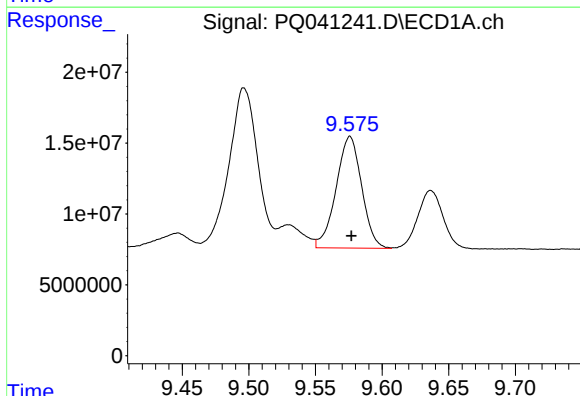
R.T.: 10.168 min
Delta R.T.: -0.001 min
Response: 243217637
Conc: 170.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



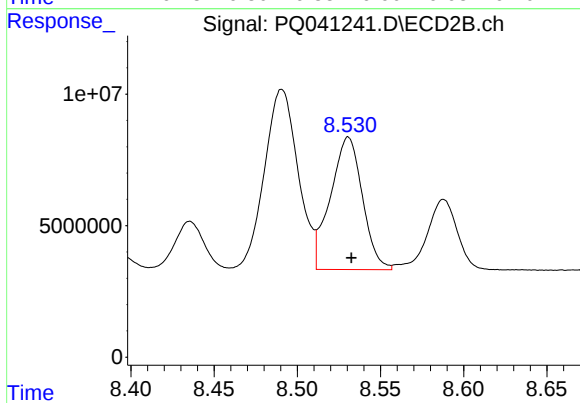
#35 AR-1260-5

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 131536869
Conc: 177.63 ng/ml



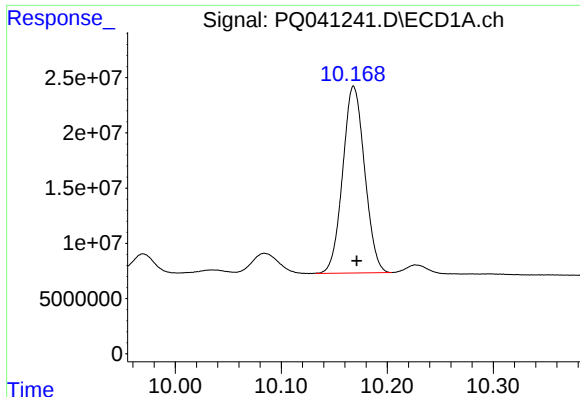
#36 AR-1262-1

R.T.: 9.576 min
Delta R.T.: 0.000 min
Response: 105293974
Conc: 104.78 ng/ml



#36 AR-1262-1

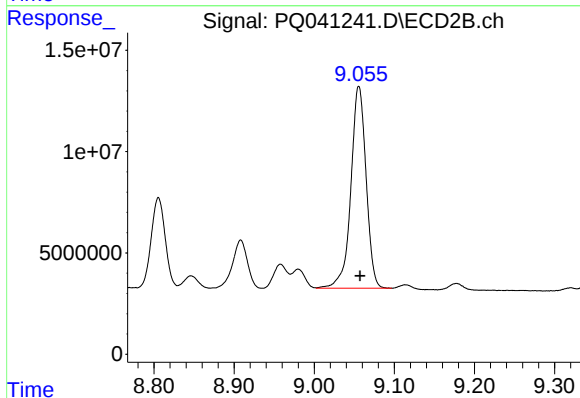
R.T.: 8.531 min
Delta R.T.: -0.002 min
Response: 67507234
Conc: 124.22 ng/ml



#37 AR-1262-2

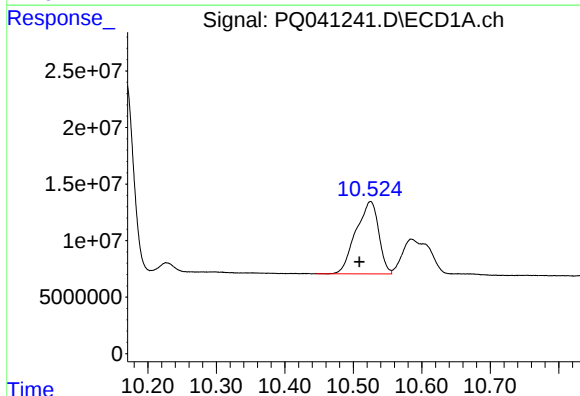
R.T.: 10.168 min
Delta R.T.: -0.003 min
Response: 243217637
Conc: 136.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



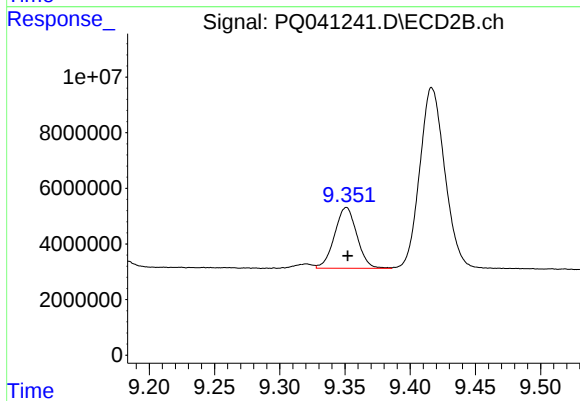
#37 AR-1262-2

R.T.: 9.056 min
Delta R.T.: -0.002 min
Response: 131536869
Conc: 148.98 ng/ml



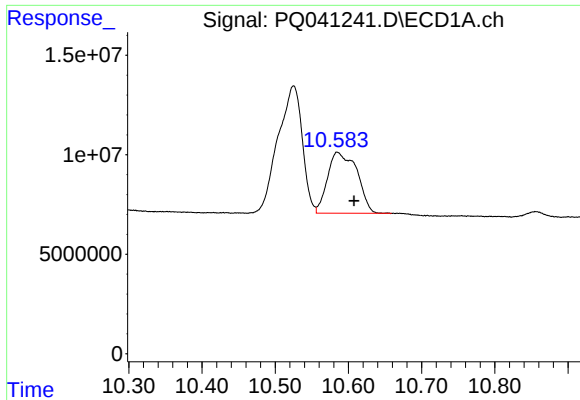
#38 AR-1262-3

R.T.: 10.525 min
Delta R.T.: 0.016 min
Response: 147787441
Conc: 127.02 ng/ml



#38 AR-1262-3

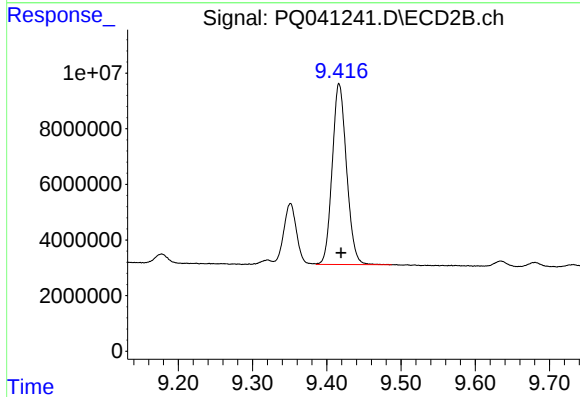
R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 26057288
Conc: 74.74 ng/ml



#39 AR-1262-4

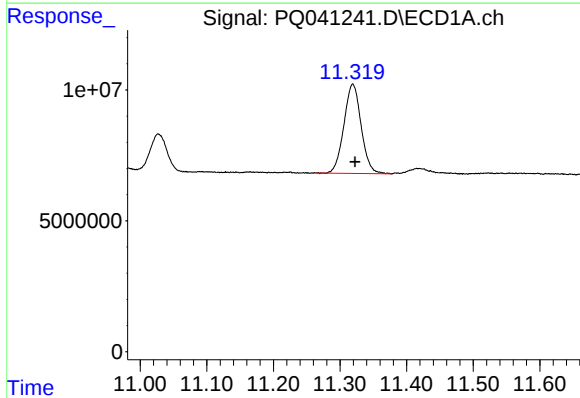
R.T.: 10.585 min
Delta R.T.: -0.023 min
Response: 85518601
Conc: 94.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



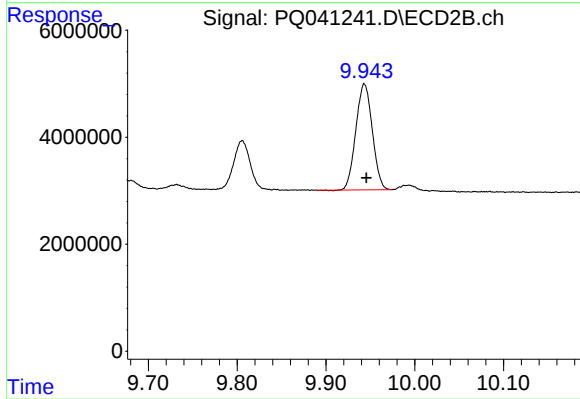
#39 AR-1262-4

R.T.: 9.417 min
Delta R.T.: -0.002 min
Response: 87190761
Conc: 142.19 ng/ml



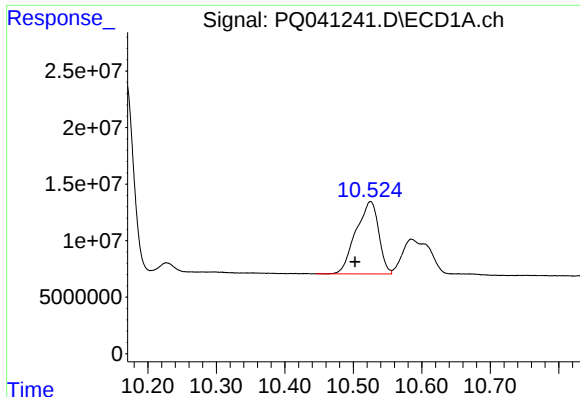
#40 AR-1262-5

R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 61322152
Conc: 96.56 ng/ml



#40 AR-1262-5

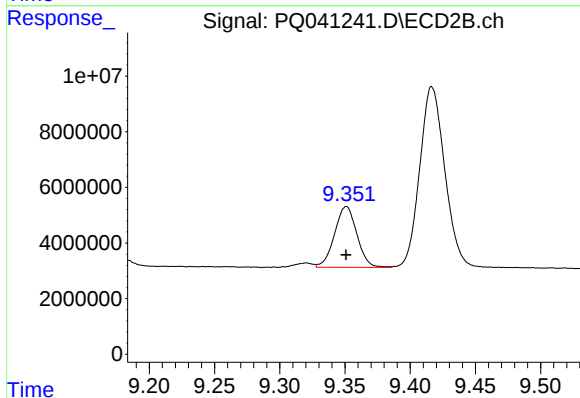
R.T.: 9.943 min
Delta R.T.: -0.002 min
Response: 25494239
Conc: 97.33 ng/ml



#41 AR-1268-1

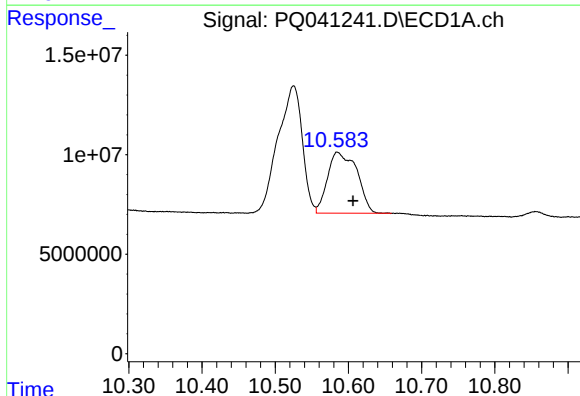
R.T.: 10.525 min
Delta R.T.: 0.023 min
Response: 147787441
Conc: 72.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



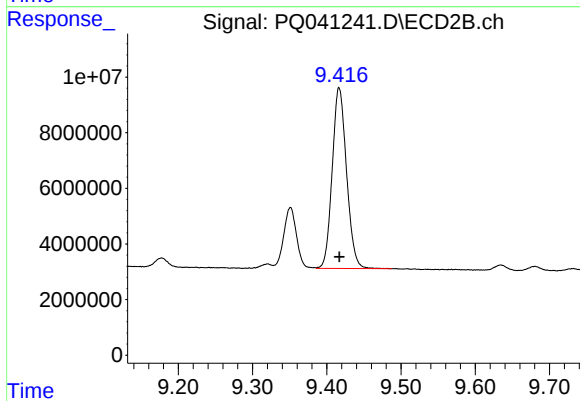
#41 AR-1268-1

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 26057288
Conc: 28.64 ng/ml



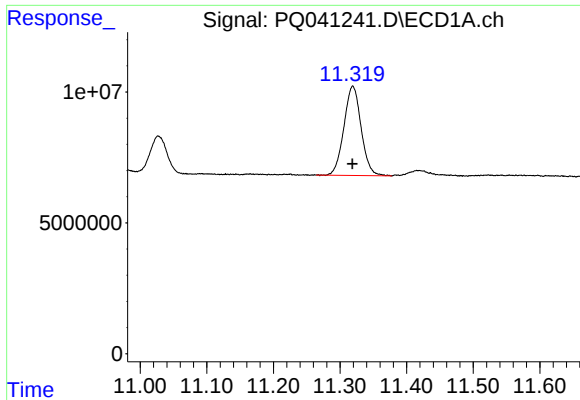
#42 AR-1268-2

R.T.: 10.585 min
Delta R.T.: -0.022 min
Response: 85518601
Conc: 46.56 ng/ml



#42 AR-1268-2

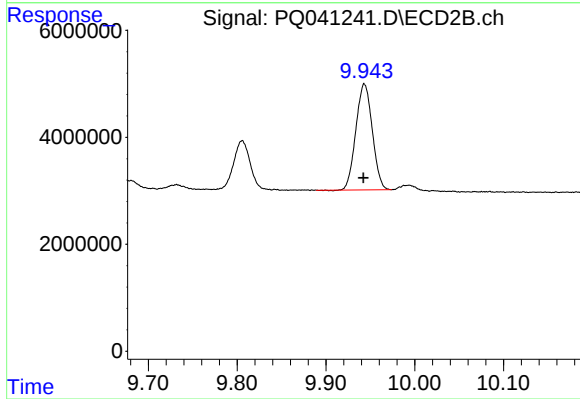
R.T.: 9.417 min
Delta R.T.: 0.000 min
Response: 87190761
Conc: 107.90 ng/ml



#44 AR-1268-4

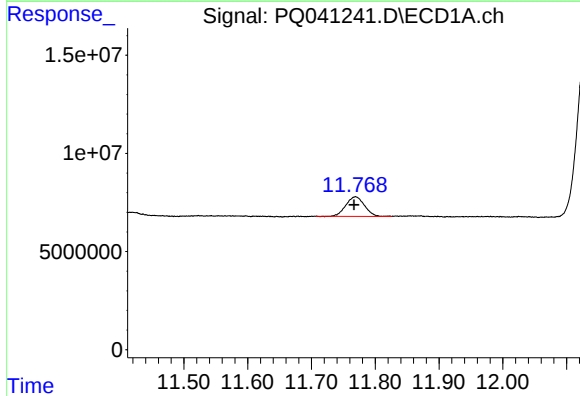
R.T.: 11.319 min
Delta R.T.: 0.000 min
Response: 61322152
Conc: 93.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121284BS



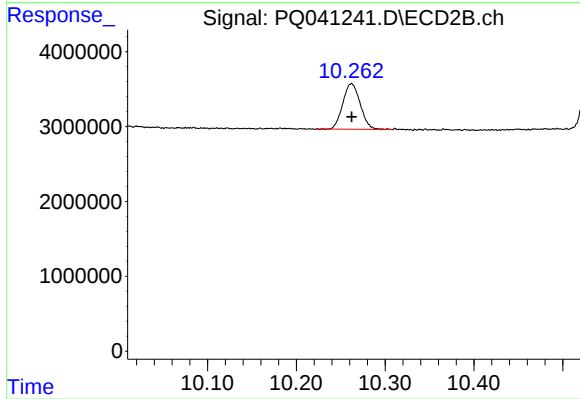
#44 AR-1268-4

R.T.: 9.943 min
Delta R.T.: 0.001 min
Response: 25494239
Conc: 92.56 ng/ml



#45 AR-1268-5

R.T.: 11.769 min
Delta R.T.: 0.002 min
Response: 20367018
Conc: 4.13 ng/ml



#45 AR-1268-5

R.T.: 10.262 min
Delta R.T.: 0.000 min
Response: 8314030
Conc: 4.70 ng/ml