

Data Path : P:\HPCHEM1\ECD_Q\Data\PQ052118\
 Data File : PQ028998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2018 17:44
 Operator : UA/SM
 Sample : J2999-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:45:12 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 11 08:47:35 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...	4.604	3.769	2476.5E6	279.8E6	29.968	31.295
2)	SA Decachlor...	10.341	8.712	1218.4E6	179.5E6	19.984	15.455
Target Compounds							
3)	L1 AR-1016-1	4.966	4.624	414.1E6	80652811	312.942	330.395
4)	L1 AR-1016-2	5.491	5.033	590.4E6	79338287	296.106	289.477
5)	L1 AR-1016-3	5.839	5.073	809.7E6	62459060	296.540	292.627
6)	L1 AR-1016-4	6.024	5.113	552.7E6	77236314	302.784	295.643
7)	L1 AR-1016-5	6.365	5.283	515.1E6	82122660	211.400	284.005 #
8)	L2 AR-1221-1	4.801	3.978	79024055	10199746	42.923	51.058
9)	L2 AR-1221-2	4.892	4.066	111.1E6	17362075	85.461	116.503 #
10)	L2 AR-1221-3	4.966	4.140	414.1E6	58105718	98.880	126.512 #
11)	L3 AR-1232-1	4.966	4.140	414.1E6	58105718	244.363	276.548
12)	L3 AR-1232-2	5.491	4.915	590.4E6	105.7E6	563.798	569.946
13)	L3 AR-1232-3	5.839	5.033	809.7E6	79338287	545.447	572.146
14)	L3 AR-1232-4	5.936	5.283	687.0E6	82122660	554.967	559.115
15)	L3 AR-1232-5	6.226	5.629	600.9E6	64172725	575.503	393.020 #
16)	L4 AR-1242-1	5.491	4.624	590.4E6	80652811	384.457	414.915
17)	L4 AR-1242-2	5.754	4.858	890.8E6	158.5E6	376.114	348.350
18)	L4 AR-1242-3	5.839	5.033	809.7E6	79338287	377.117	382.068
19)	L4 AR-1242-4	6.226	5.113	600.9E6	77236314	339.216	382.394
20)	L4 AR-1242-5	6.365	5.283	515.1E6	82122660	265.286	362.768 #
21)	L5 AR-1248-1	6.226	5.073	600.9E6	62459060	190.252	211.573
22)	L5 AR-1248-2	6.365	5.113	515.1E6	77236314	184.788	250.864 #
23)	L5 AR-1248-3	6.599	5.283	566.9E6	82122660	141.523	210.387 #
24)	L5 AR-1248-4	6.663	5.629	94378654	64172725	25.738	114.281 #
25)	L5 AR-1248-5	6.813	5.669	434.7E6	11394324	118.679	27.601 #
26)	L6 AR-1254-1	6.599	5.629	566.9E6	64172725	163.805	119.661 #
27)	L6 AR-1254-2	6.813	5.773	434.7E6	60987245	81.420	132.997 #
28)	L6 AR-1254-3	7.177	6.183	221.4E6	107.7E6	37.197	135.969 #
29)	L6 AR-1254-4	7.459	6.396	134.1E6	14409598	28.685	26.454
30)	L6 AR-1254-5	7.719	6.635	453.1E6	162.7E6	140.203	470.146 #
31)	L7 AR-1260-1	7.340	6.299	842.9E6	147.5E6	191.497	239.099
32)	L7 AR-1260-2	7.591	6.635	1022.6E6	162.7E6	168.354	229.719 #
33)	L7 AR-1260-3	7.872	7.099	1127.3E6	110.8E6	181.159	186.967
34)	L7 AR-1260-4	8.500	7.339	1343.2E6	240.3E6	139.369	164.307
35)	L7 AR-1260-5	8.830	7.680	784.2E6	156.1E6	144.136	148.562
36)	L8 AR-1262-1	7.340	6.299	842.9E6	147.5E6	224.449	294.487 #
37)	L8 AR-1262-2	7.591	6.483	1022.6E6	181.5E6	195.426	284.413 #
38)	L8 AR-1262-3	7.949	6.843	666.3E6	126.3E6	83.736	139.349 #
39)	L8 AR-1262-4	8.177	7.099	632.7E6	110.8E6	110.306	139.368 #
40)	L8 AR-1262-5	8.500	7.339	1343.2E6	240.3E6	102.237	143.105 #
41)	L9 AR-1268-1	8.830	7.616	784.2E6	46404917	57.487	25.574 #

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 Operator : UA/SM
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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

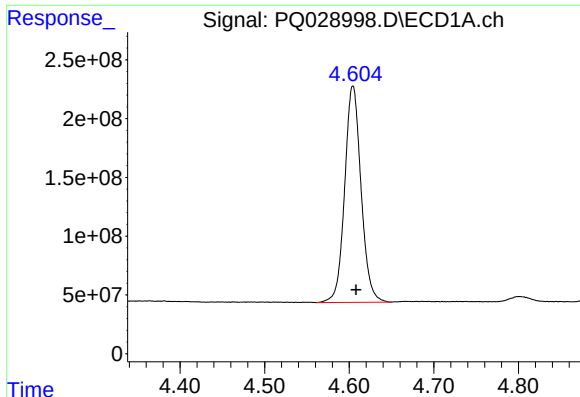
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 06:45:12 2018
 Quant Method : P:\HPCHEM1\ECD_Q\Method\PQ051018.M
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 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	8.893	7.680	464.6E6	156.1E6	39.588	88.055 #
43) L9	AR-1268-3	0.000	7.882	0	4739105	N.D.	3.442 #
44) L9	AR-1268-4	9.574	8.172	295.3E6	46540514	79.199	73.966
45) L9	AR-1268-5	9.997	8.461	98731023	15500353	3.825	3.524

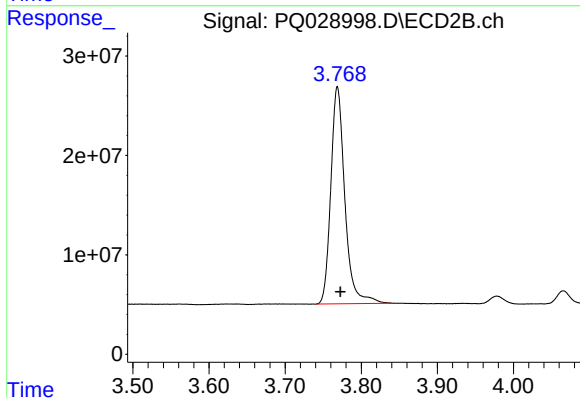
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

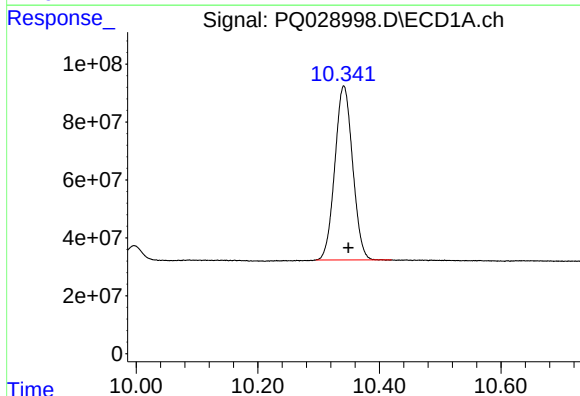
R.T.: 4.604 min
Delta R.T.: -0.004 min
Response: 2476534067
Conc: 29.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



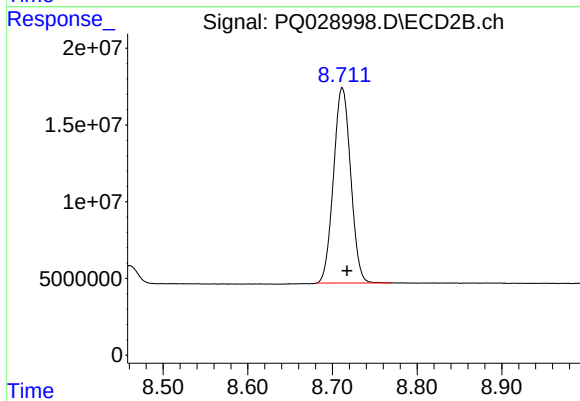
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 279829908
Conc: 31.29 ng/ml



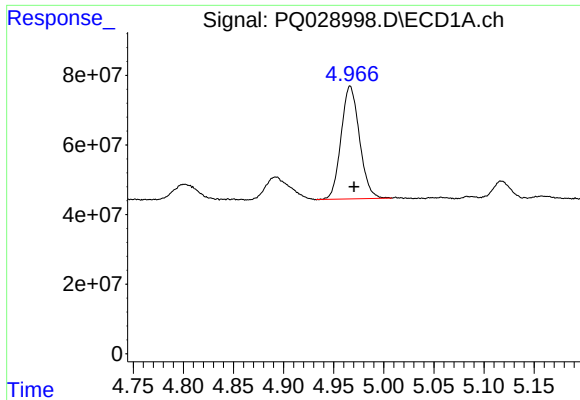
#2 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: -0.007 min
Response: 1218398347
Conc: 19.98 ng/ml



#2 Decachlorobiphenyl

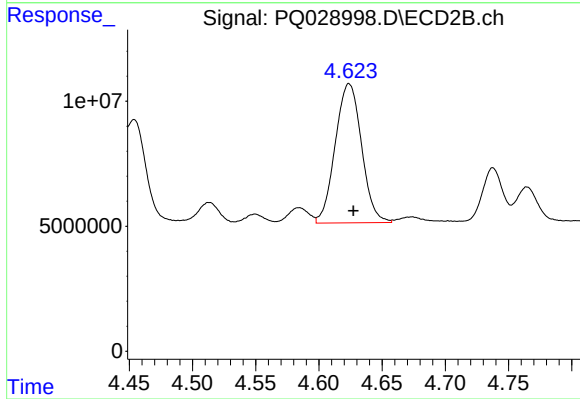
R.T.: 8.712 min
Delta R.T.: -0.005 min
Response: 179476230
Conc: 15.45 ng/ml



#3 AR-1016-1

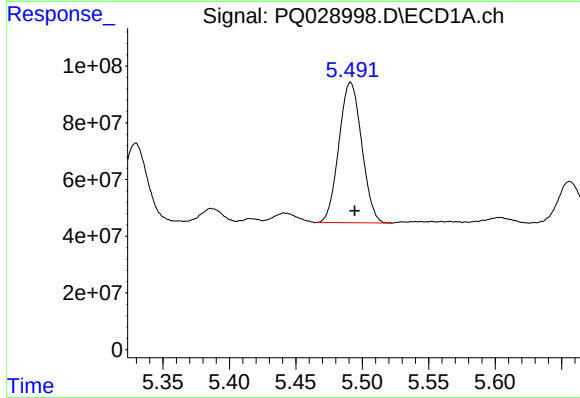
R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 414052781
Conc: 312.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



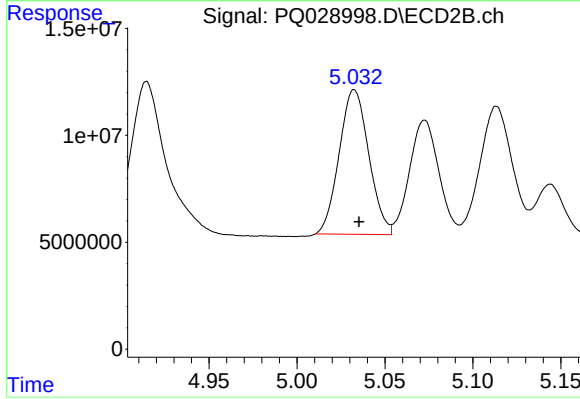
#3 AR-1016-1

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 80652811
Conc: 330.39 ng/ml



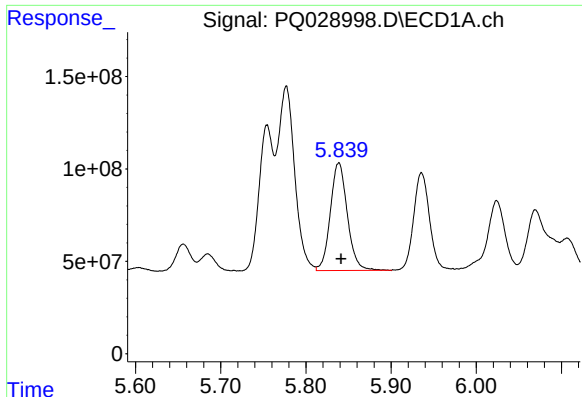
#4 AR-1016-2

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 590366033
Conc: 296.11 ng/ml



#4 AR-1016-2

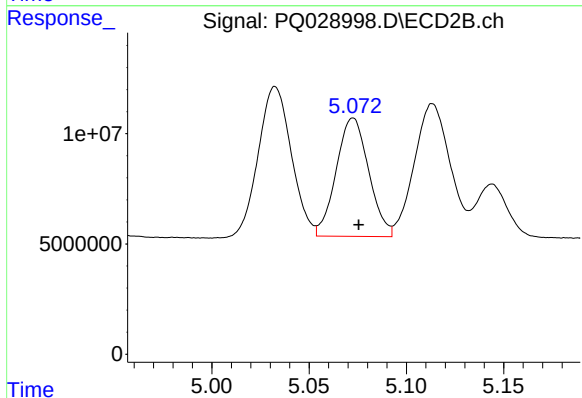
R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 79338287
Conc: 289.48 ng/ml



#5 AR-1016-3

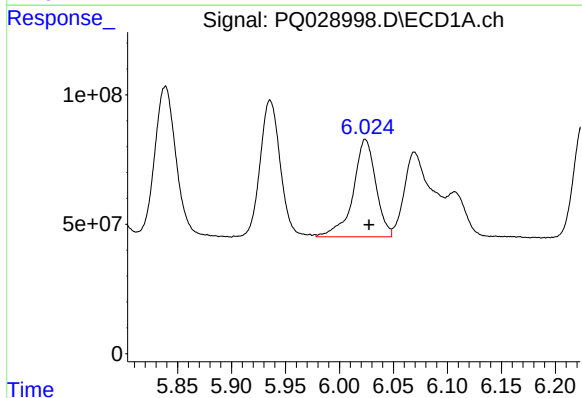
R.T.: 5.839 min
Delta R.T.: -0.003 min
Response: 809727332
Conc: 296.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



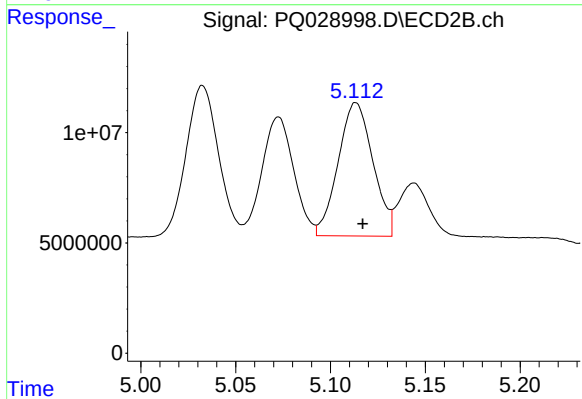
#5 AR-1016-3

R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 62459060
Conc: 292.63 ng/ml



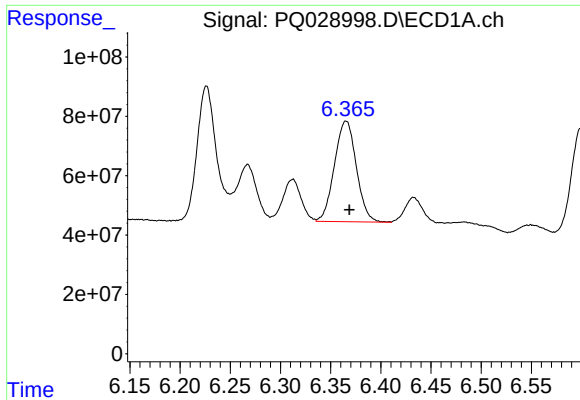
#6 AR-1016-4

R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 552651425
Conc: 302.78 ng/ml



#6 AR-1016-4

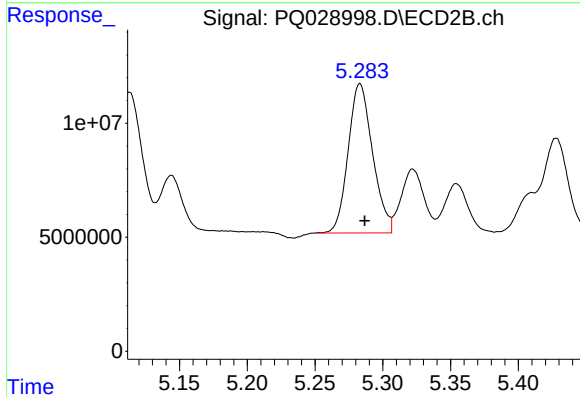
R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 77236314
Conc: 295.64 ng/ml



#7 AR-1016-5

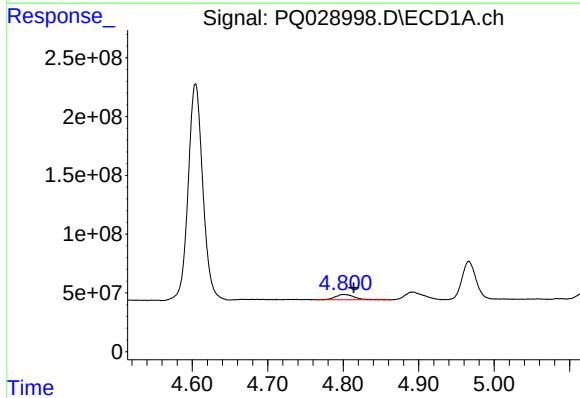
R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 515110084
Conc: 211.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



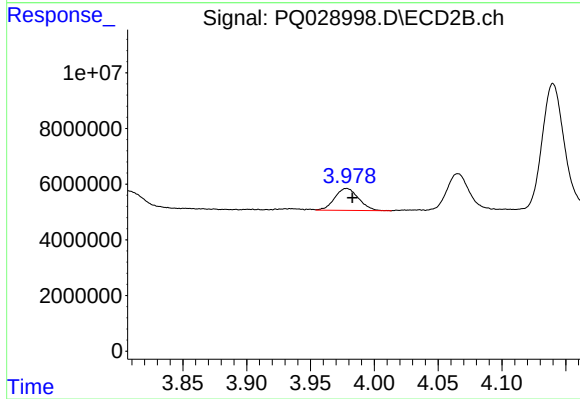
#7 AR-1016-5

R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 82122660
Conc: 284.00 ng/ml



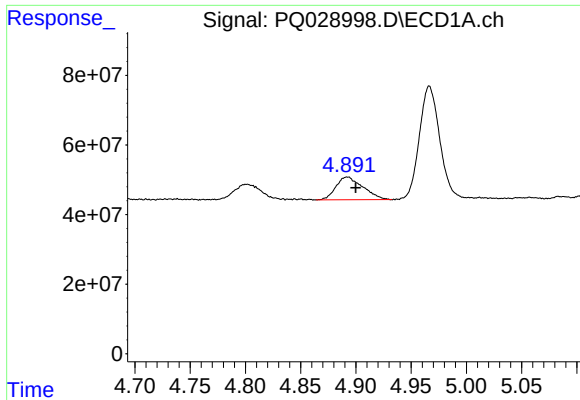
#8 AR-1221-1

R.T.: 4.801 min
Delta R.T.: -0.013 min
Response: 79024055
Conc: 42.92 ng/ml



#8 AR-1221-1

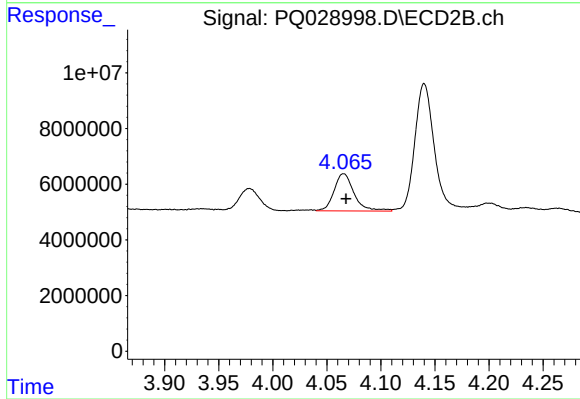
R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 10199746
Conc: 51.06 ng/ml



#9 AR-1221-2

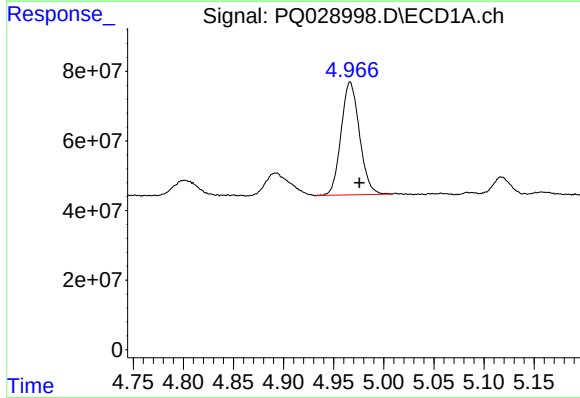
R.T.: 4.892 min
Delta R.T.: -0.007 min
Response: 111138706
Conc: 85.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



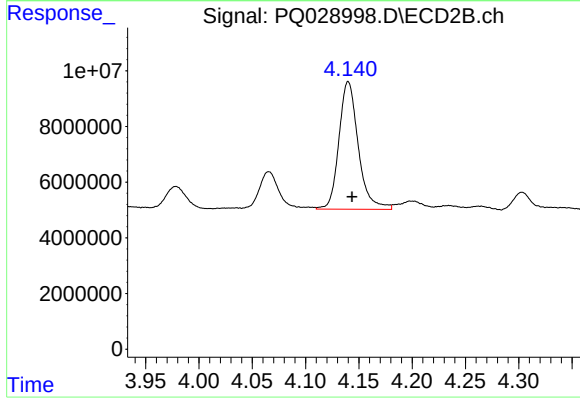
#9 AR-1221-2

R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 17362075
Conc: 116.50 ng/ml



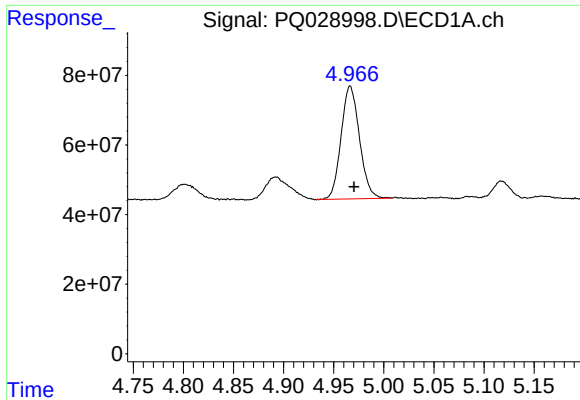
#10 AR-1221-3

R.T.: 4.966 min
Delta R.T.: -0.009 min
Response: 414052781
Conc: 98.88 ng/ml



#10 AR-1221-3

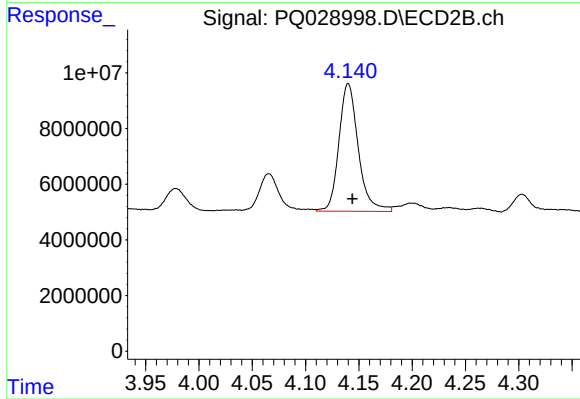
R.T.: 4.140 min
Delta R.T.: -0.003 min
Response: 58105718
Conc: 126.51 ng/ml



#11 AR-1232-1

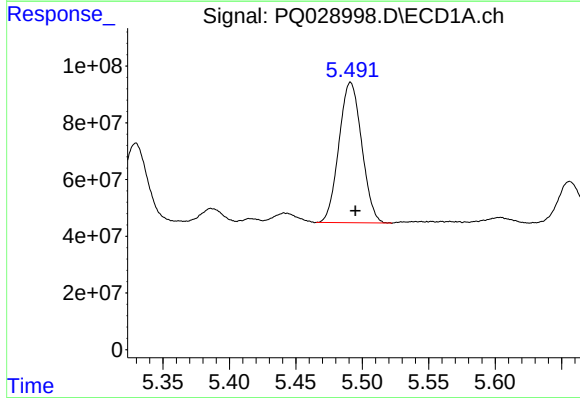
R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 414052781
Conc: 244.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



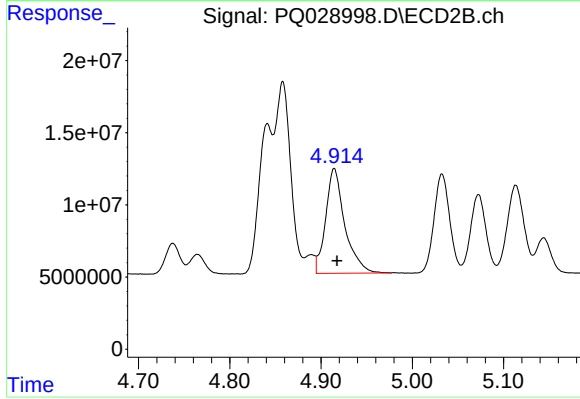
#11 AR-1232-1

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 58105718
Conc: 276.55 ng/ml



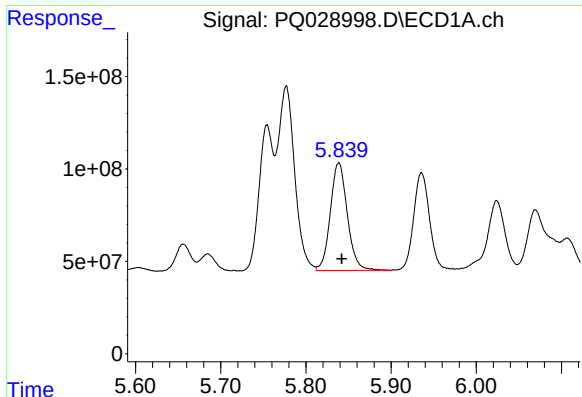
#12 AR-1232-2

R.T.: 5.491 min
Delta R.T.: -0.004 min
Response: 590366033
Conc: 563.80 ng/ml



#12 AR-1232-2

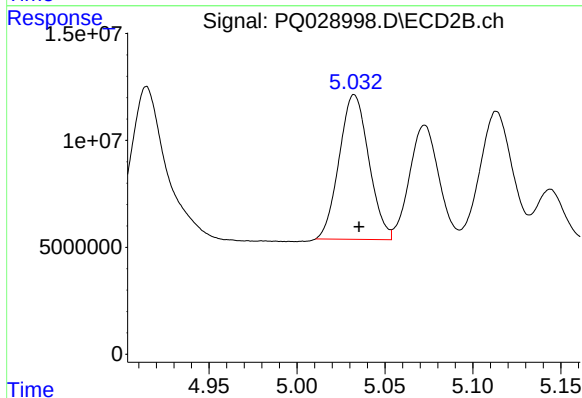
R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 105730867
Conc: 569.95 ng/ml



#13 AR-1232-3

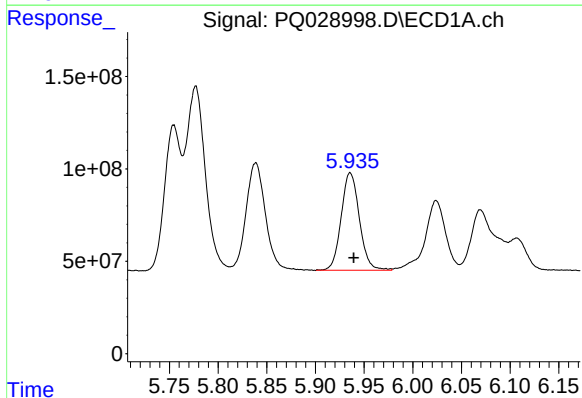
R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 809727332
Conc: 545.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



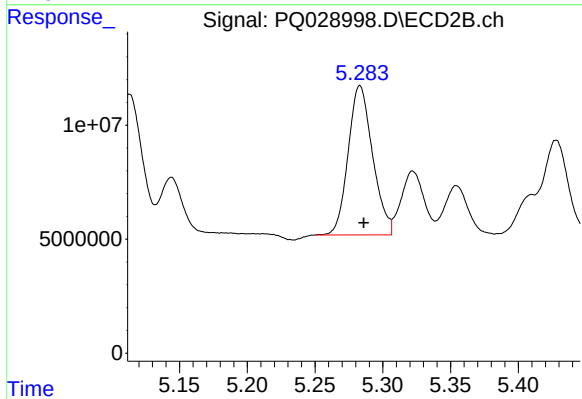
#13 AR-1232-3

R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 79338287
Conc: 572.15 ng/ml



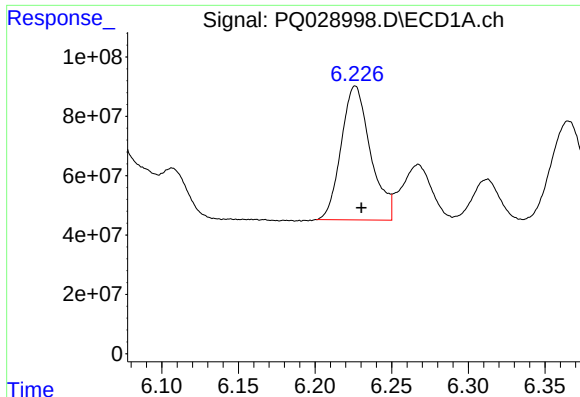
#14 AR-1232-4

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 686959216
Conc: 554.97 ng/ml



#14 AR-1232-4

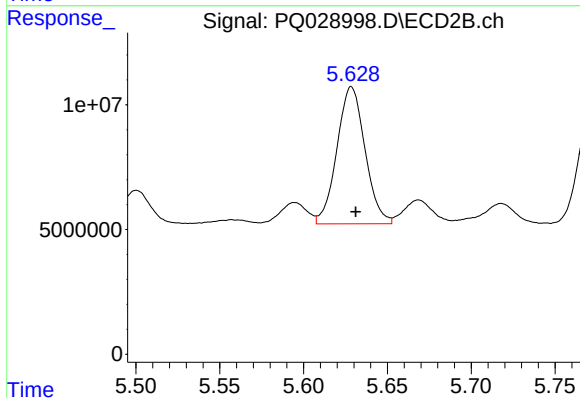
R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 82122660
Conc: 559.11 ng/ml



#15 AR-1232-5

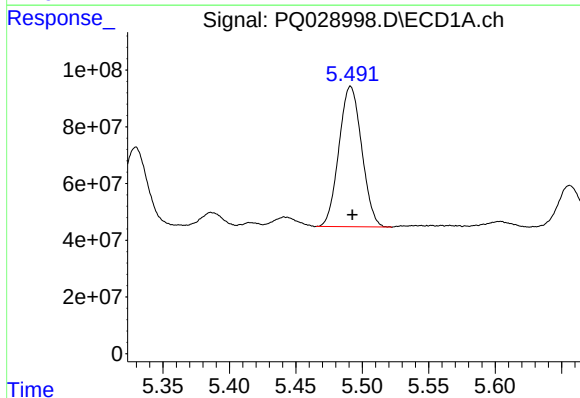
R.T.: 6.226 min
Delta R.T.: -0.004 min
Response: 600921524
Conc: 575.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



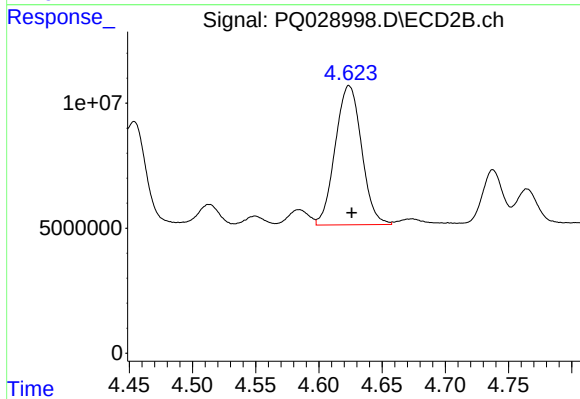
#15 AR-1232-5

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 64172725
Conc: 393.02 ng/ml



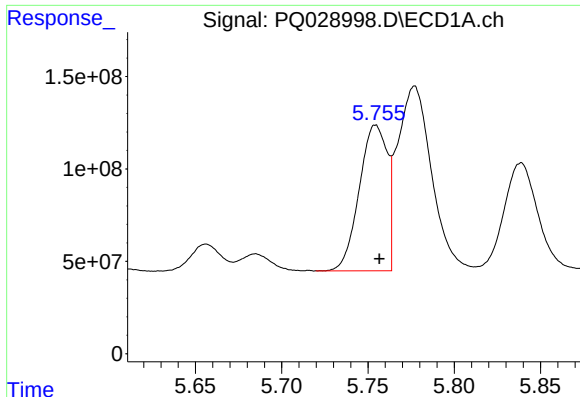
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.001 min
Response: 590366033
Conc: 384.46 ng/ml



#16 AR-1242-1

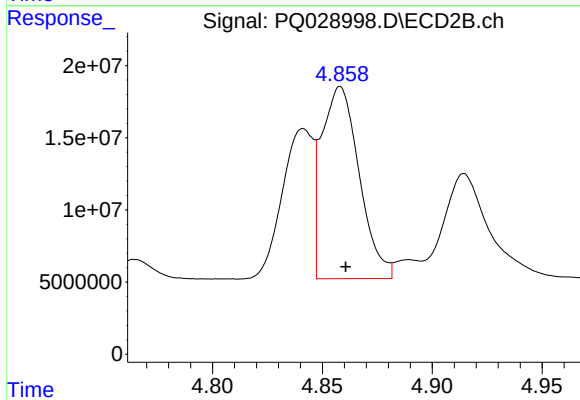
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 80652811
Conc: 414.92 ng/ml



#17 AR-1242-2

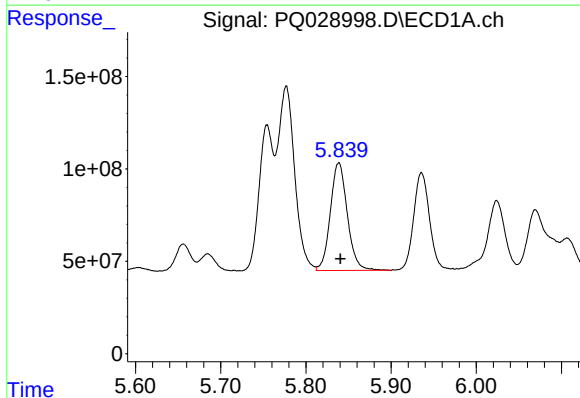
R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 890800673
Conc: 376.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



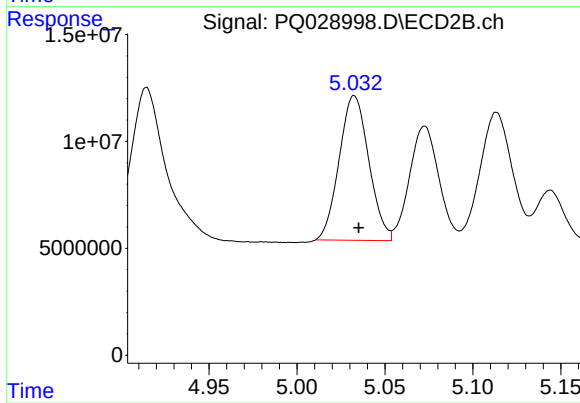
#17 AR-1242-2

R.T.: 4.858 min
Delta R.T.: -0.002 min
Response: 158515488
Conc: 348.35 ng/ml



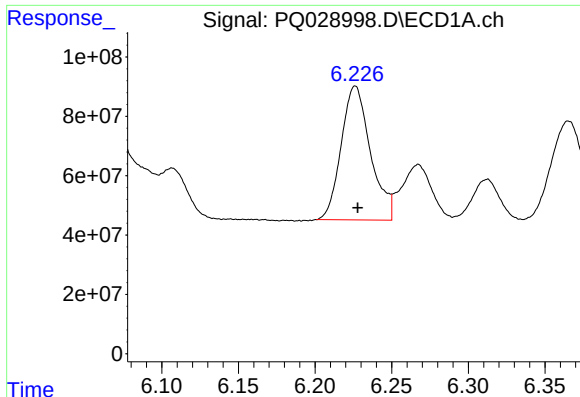
#18 AR-1242-3

R.T.: 5.839 min
Delta R.T.: -0.002 min
Response: 809727332
Conc: 377.12 ng/ml



#18 AR-1242-3

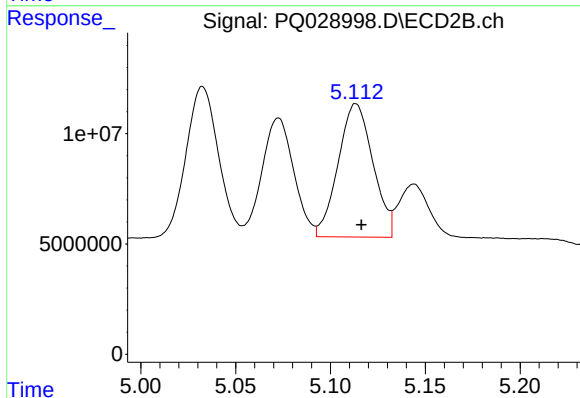
R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 79338287
Conc: 382.07 ng/ml



#19 AR-1242-4

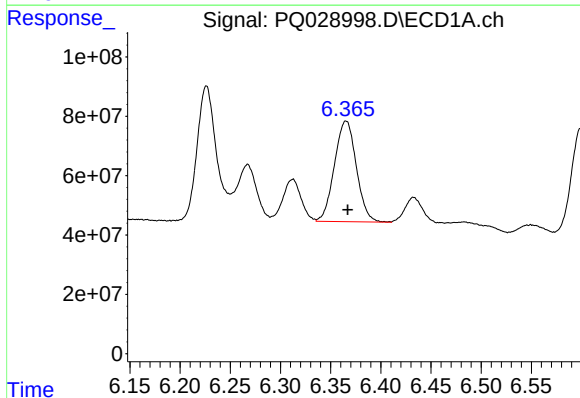
R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 600921524
Conc: 339.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



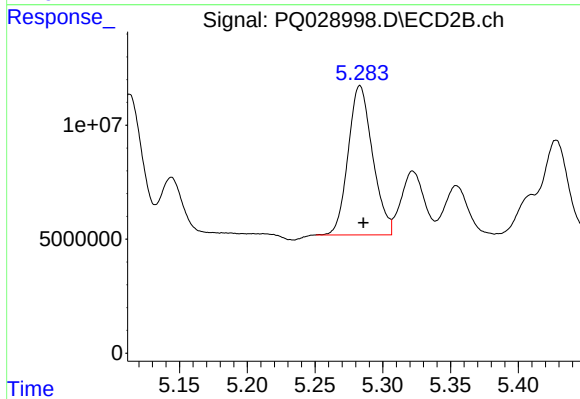
#19 AR-1242-4

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 77236314
Conc: 382.39 ng/ml



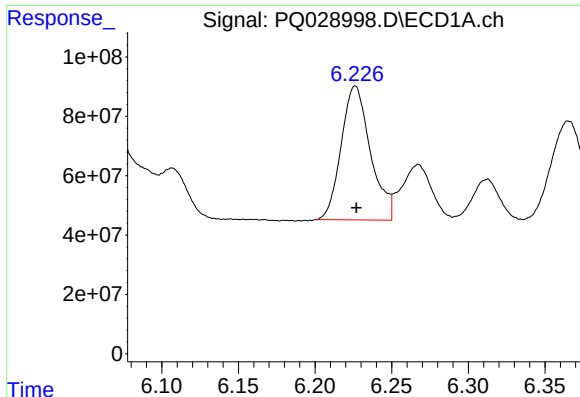
#20 AR-1242-5

R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 515110084
Conc: 265.29 ng/ml



#20 AR-1242-5

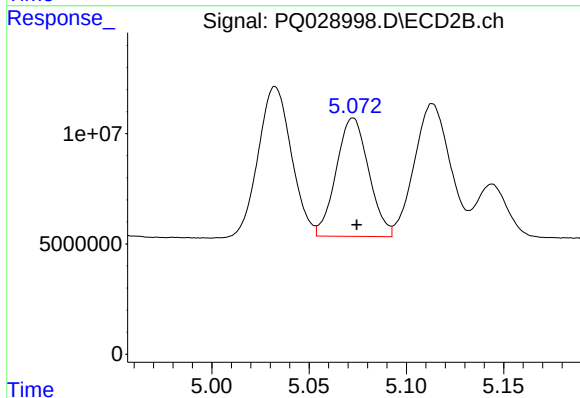
R.T.: 5.283 min
Delta R.T.: -0.003 min
Response: 82122660
Conc: 362.77 ng/ml



#21 AR-1248-1

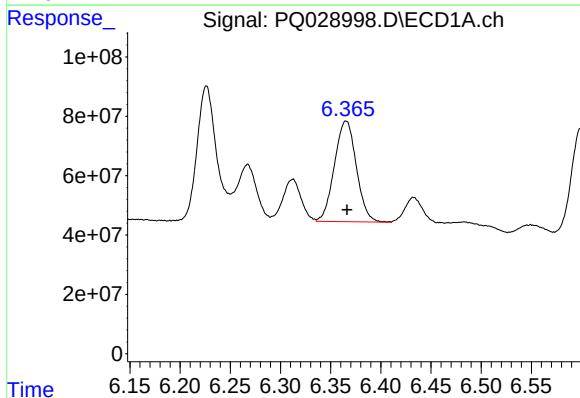
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 600921524
Conc: 190.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



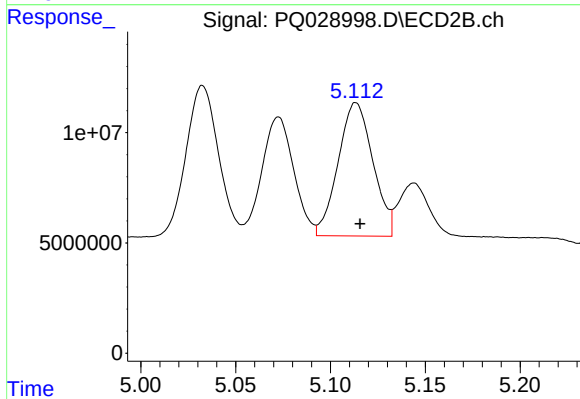
#21 AR-1248-1

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 62459060
Conc: 211.57 ng/ml



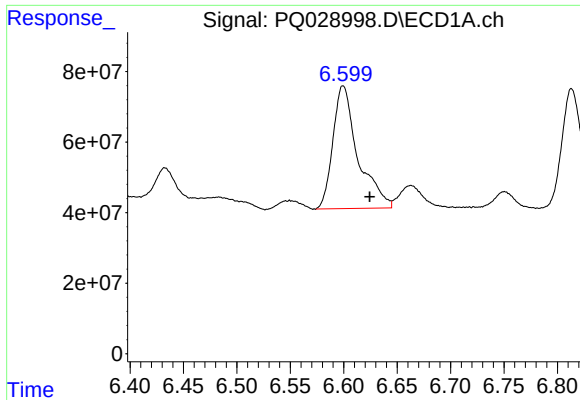
#22 AR-1248-2

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 515110084
Conc: 184.79 ng/ml



#22 AR-1248-2

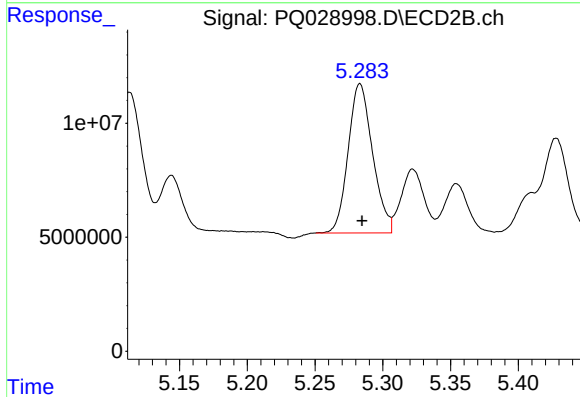
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 77236314
Conc: 250.86 ng/ml



#23 AR-1248-3

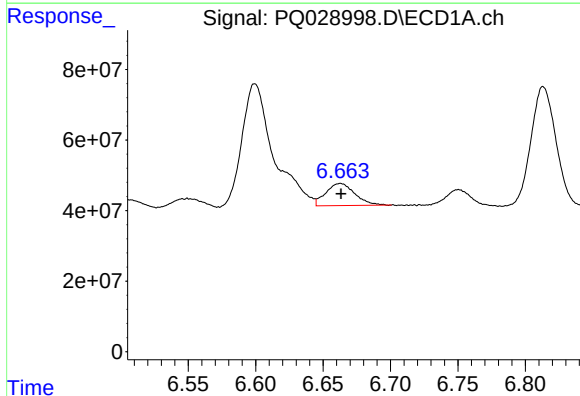
R.T.: 6.599 min
Delta R.T.: -0.025 min
Response: 566889166
Conc: 141.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



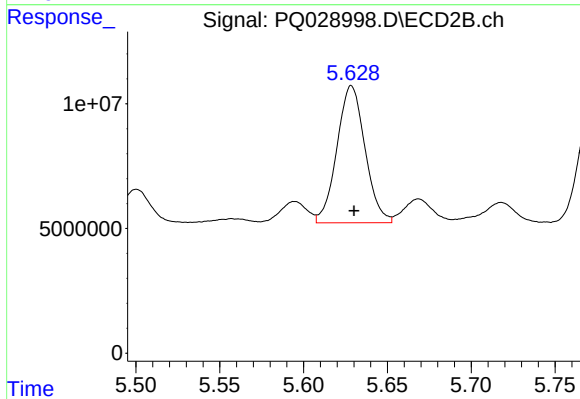
#23 AR-1248-3

R.T.: 5.283 min
Delta R.T.: -0.002 min
Response: 82122660
Conc: 210.39 ng/ml



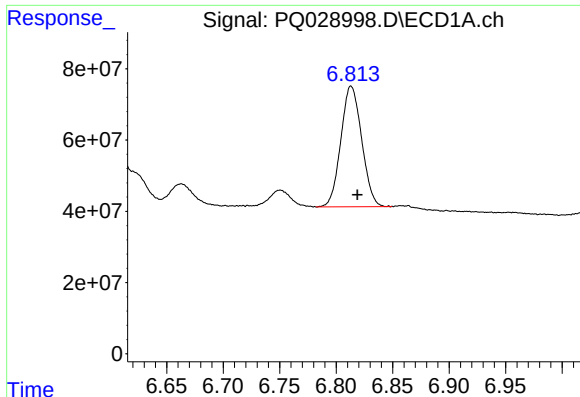
#24 AR-1248-4

R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 94378654
Conc: 25.74 ng/ml



#24 AR-1248-4

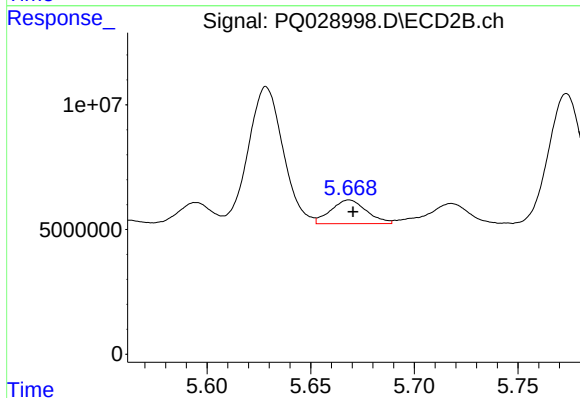
R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 64172725
Conc: 114.28 ng/ml



#25 AR-1248-5

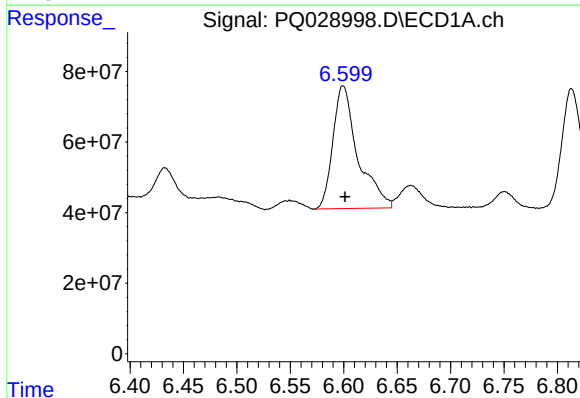
R.T.: 6.813 min
Delta R.T.: -0.006 min
Response: 434674694
Conc: 118.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



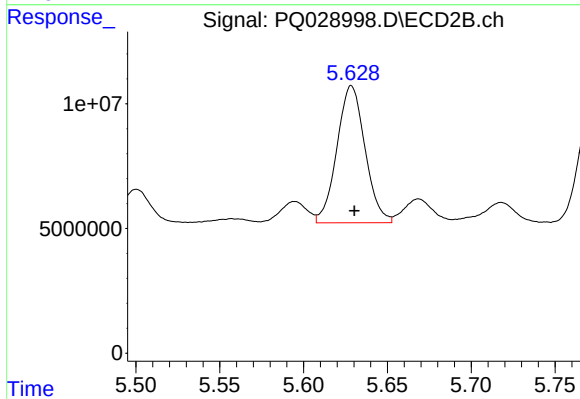
#25 AR-1248-5

R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 11394324
Conc: 27.60 ng/ml



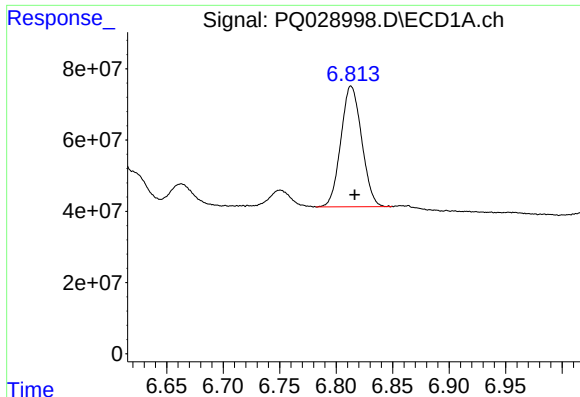
#26 AR-1254-1

R.T.: 6.599 min
Delta R.T.: -0.002 min
Response: 566889166
Conc: 163.81 ng/ml



#26 AR-1254-1

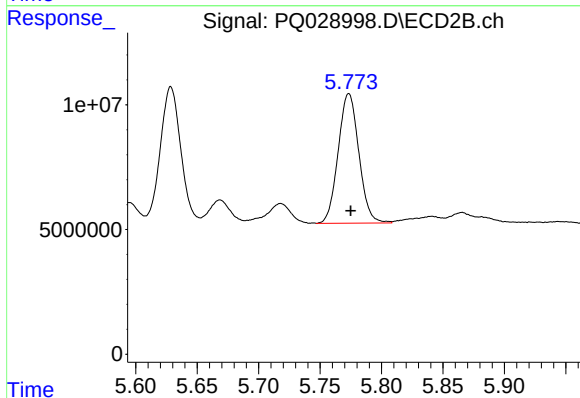
R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 64172725
Conc: 119.66 ng/ml



#27 AR-1254-2

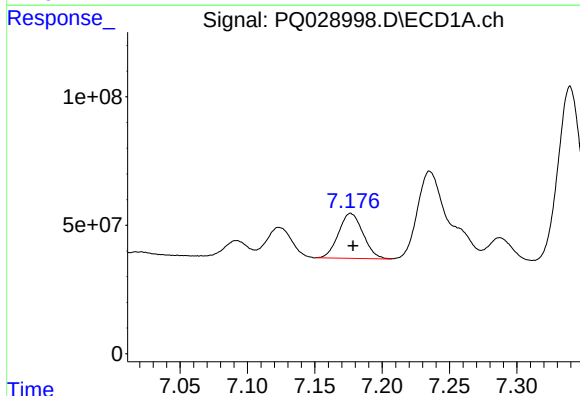
R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 434674694
Conc: 81.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



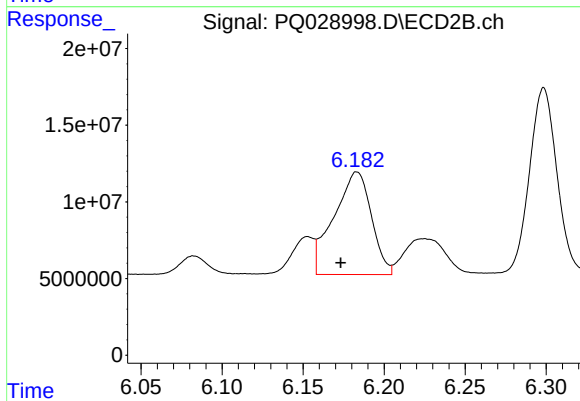
#27 AR-1254-2

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 60987245
Conc: 133.00 ng/ml



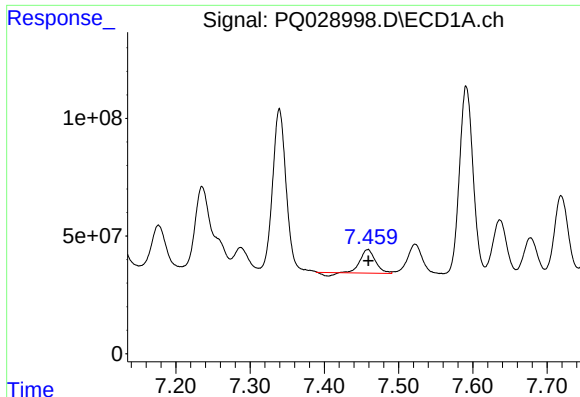
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 221380118
Conc: 37.20 ng/ml



#28 AR-1254-3

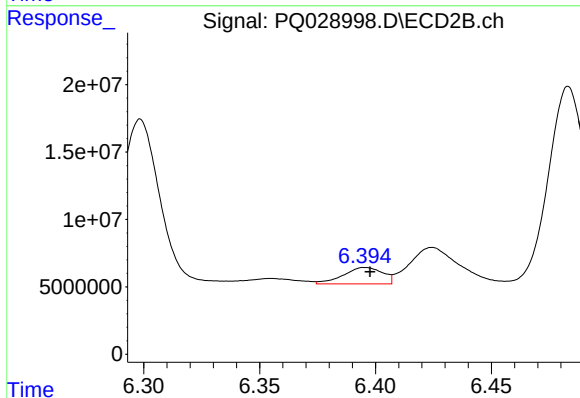
R.T.: 6.183 min
Delta R.T.: 0.010 min
Response: 107737576
Conc: 135.97 ng/ml



#29 AR-1254-4

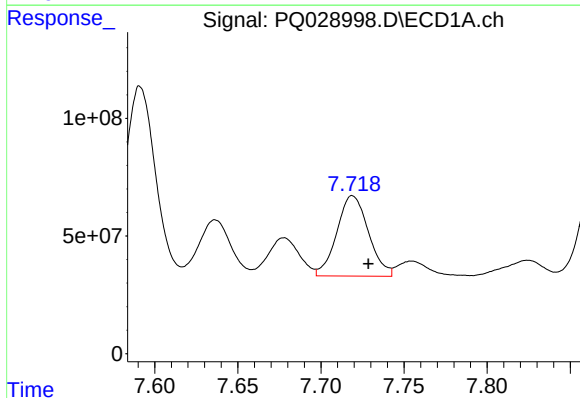
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 134091028
Conc: 28.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



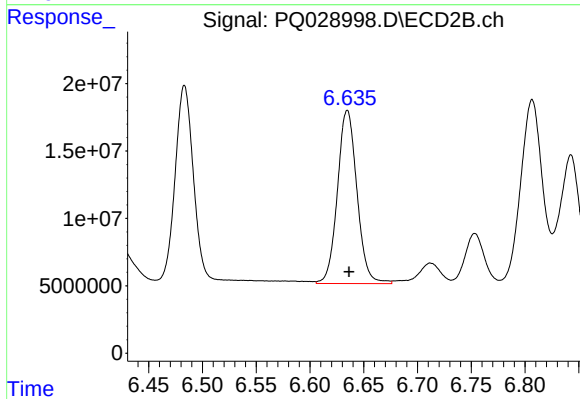
#29 AR-1254-4

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 14409598
Conc: 26.45 ng/ml



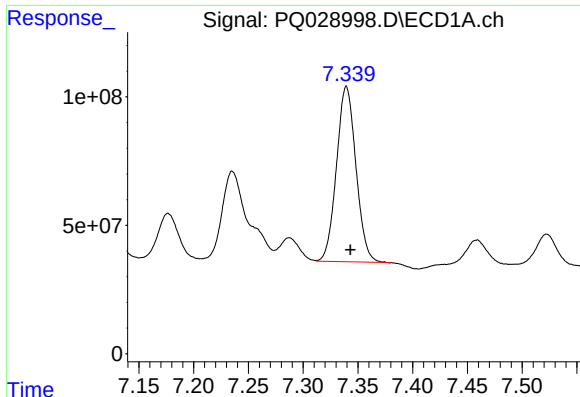
#30 AR-1254-5

R.T.: 7.719 min
Delta R.T.: -0.010 min
Response: 453108155
Conc: 140.20 ng/ml



#30 AR-1254-5

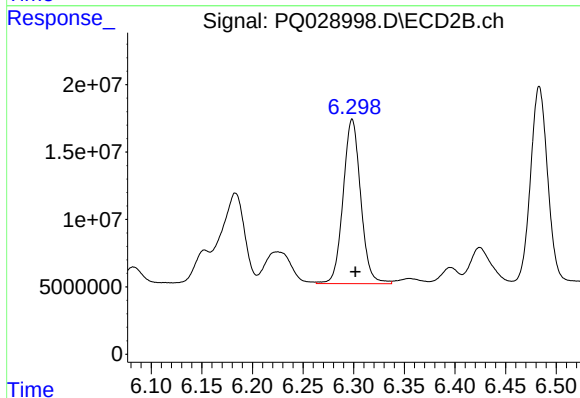
R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 162694709
Conc: 470.15 ng/ml



#31 AR-1260-1

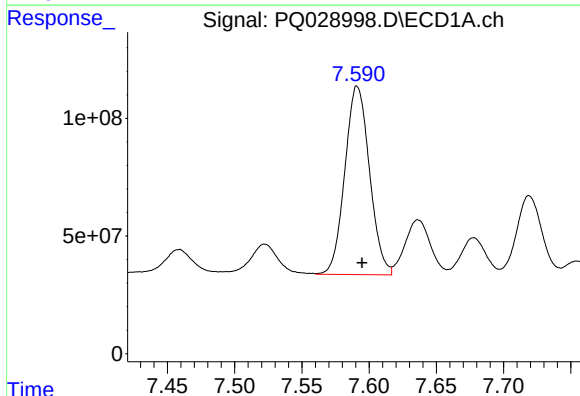
R.T.: 7.340 min
Delta R.T.: -0.004 min
Response: 842895661
Conc: 191.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



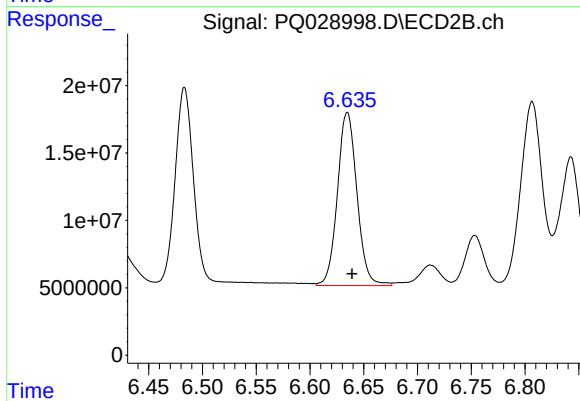
#31 AR-1260-1

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 147459227
Conc: 239.10 ng/ml



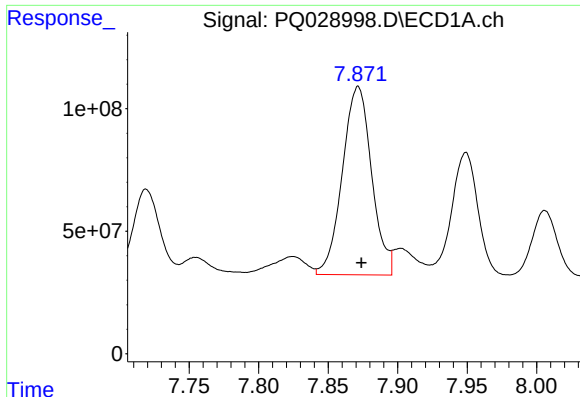
#32 AR-1260-2

R.T.: 7.591 min
Delta R.T.: -0.004 min
Response: 1022610830
Conc: 168.35 ng/ml



#32 AR-1260-2

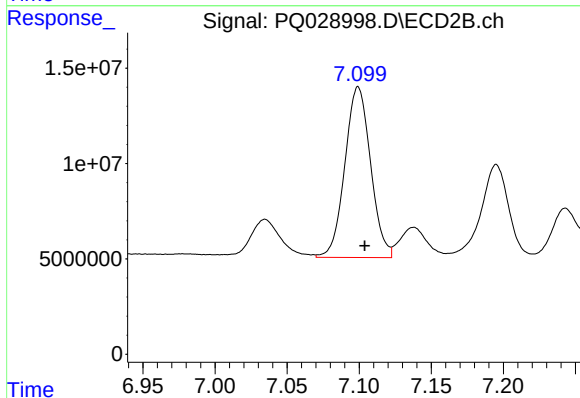
R.T.: 6.635 min
Delta R.T.: -0.004 min
Response: 162694709
Conc: 229.72 ng/ml



#33 AR-1260-3

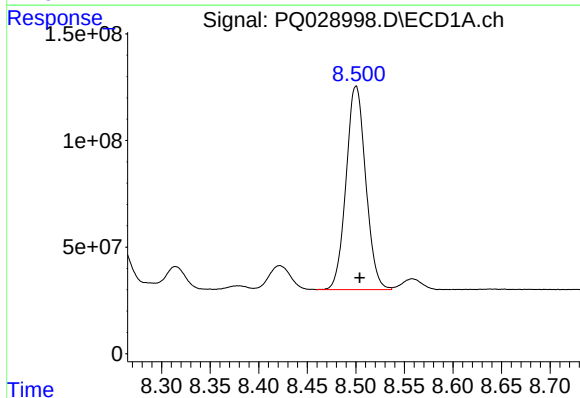
R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 1127250500
Conc: 181.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



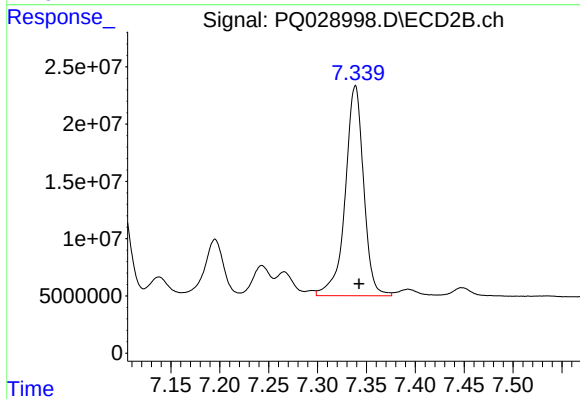
#33 AR-1260-3

R.T.: 7.099 min
Delta R.T.: -0.005 min
Response: 110827514
Conc: 186.97 ng/ml



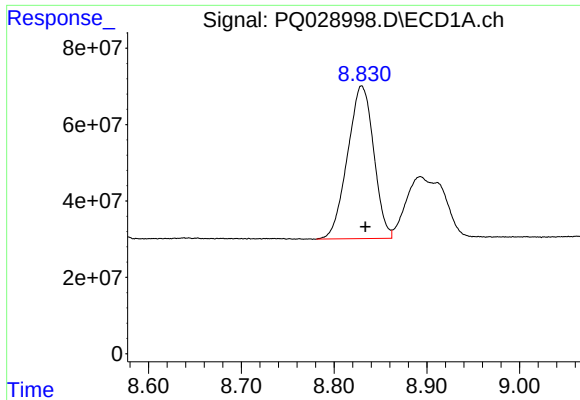
#34 AR-1260-4

R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 1343153452
Conc: 139.37 ng/ml



#34 AR-1260-4

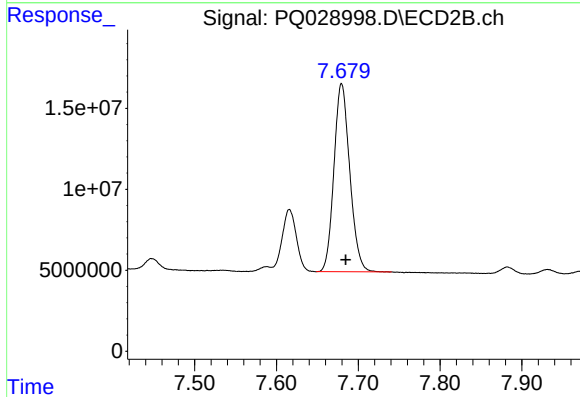
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 240307793
Conc: 164.31 ng/ml



#35 AR-1260-5

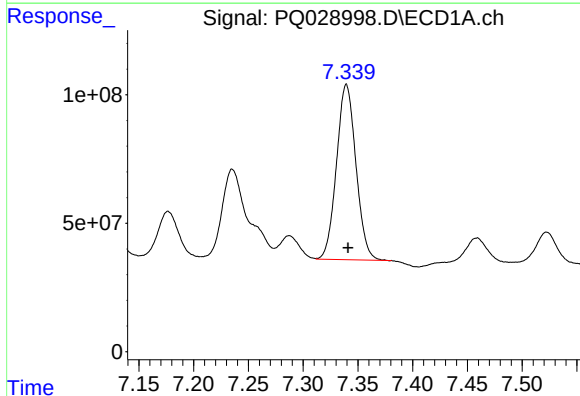
R.T.: 8.830 min
Delta R.T.: -0.004 min
Response: 784213638
Conc: 144.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



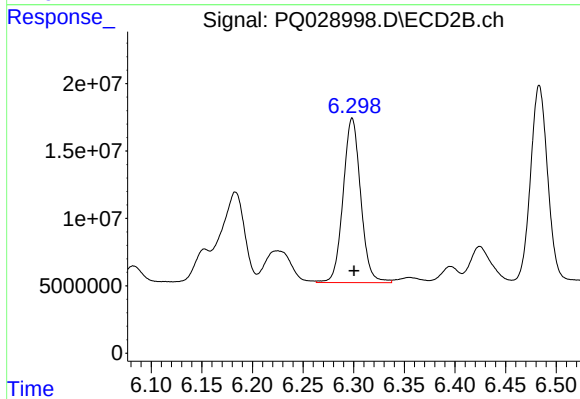
#35 AR-1260-5

R.T.: 7.680 min
Delta R.T.: -0.005 min
Response: 156074526
Conc: 148.56 ng/ml



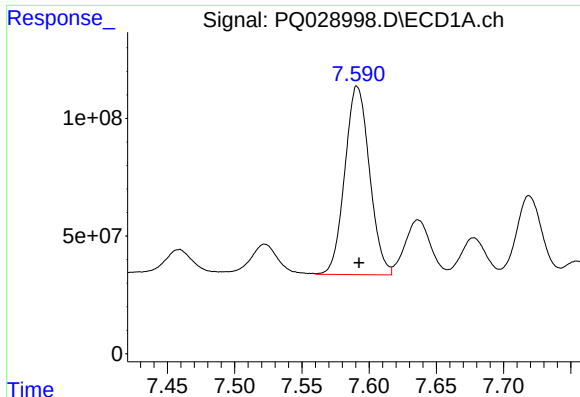
#36 AR-1262-1

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 842895661
Conc: 224.45 ng/ml



#36 AR-1262-1

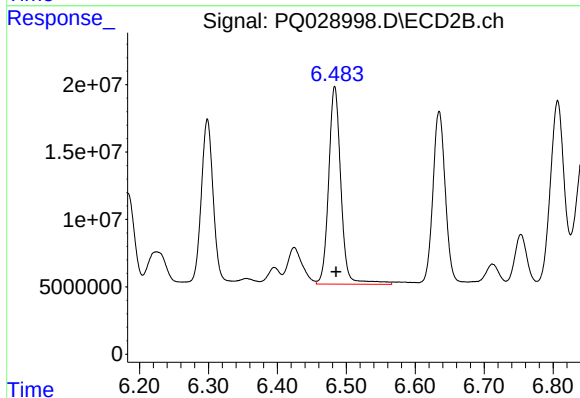
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 147459227
Conc: 294.49 ng/ml



#37 AR-1262-2

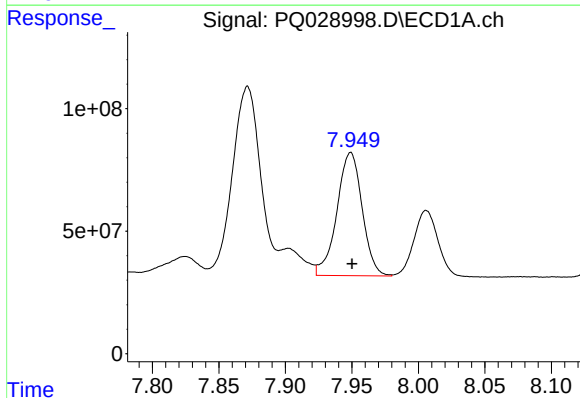
R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 1022610830
Conc: 195.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



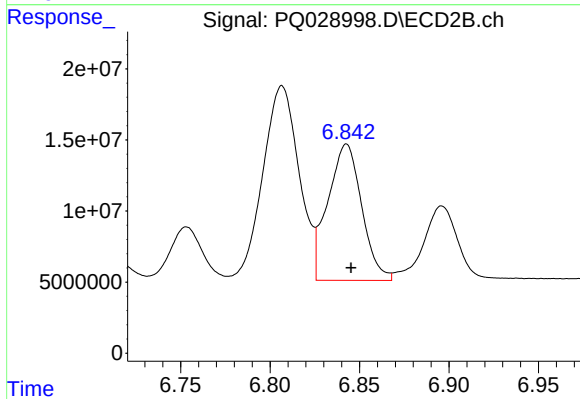
#37 AR-1262-2

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 181470976
Conc: 284.41 ng/ml



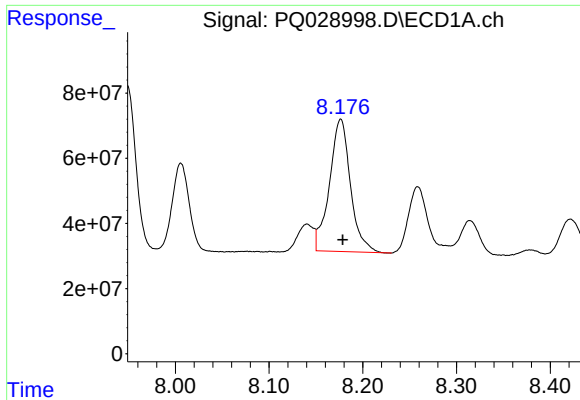
#38 AR-1262-3

R.T.: 7.949 min
Delta R.T.: -0.001 min
Response: 666340384
Conc: 83.74 ng/ml



#38 AR-1262-3

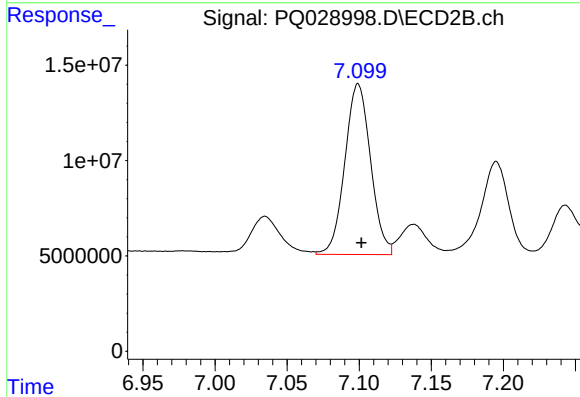
R.T.: 6.843 min
Delta R.T.: -0.002 min
Response: 126298623
Conc: 139.35 ng/ml



#39 AR-1262-4

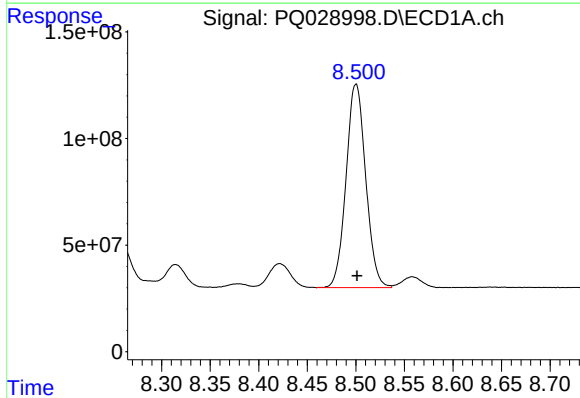
R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 632694173
Conc: 110.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



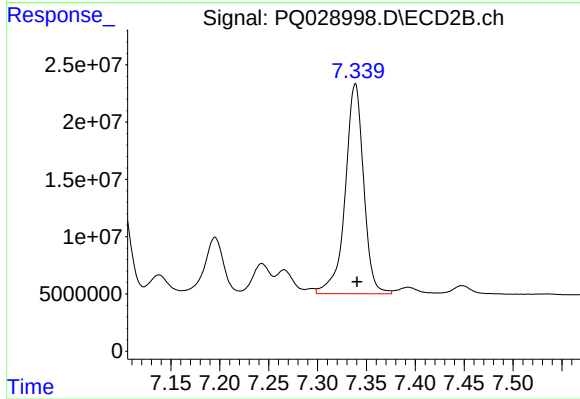
#39 AR-1262-4

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 110827514
Conc: 139.37 ng/ml



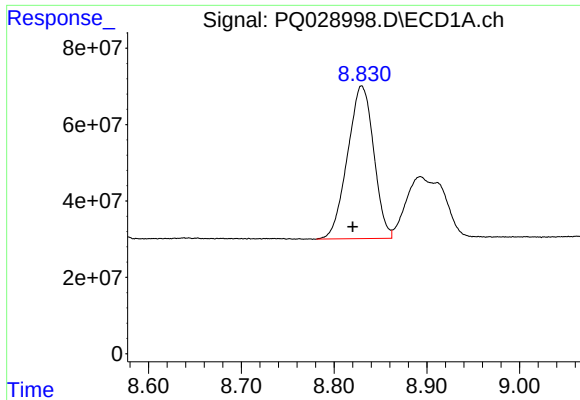
#40 AR-1262-5

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 1343153452
Conc: 102.24 ng/ml



#40 AR-1262-5

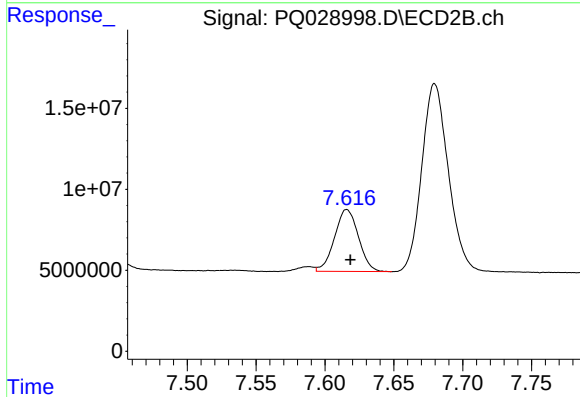
R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 240307793
Conc: 143.10 ng/ml



#41 AR-1268-1

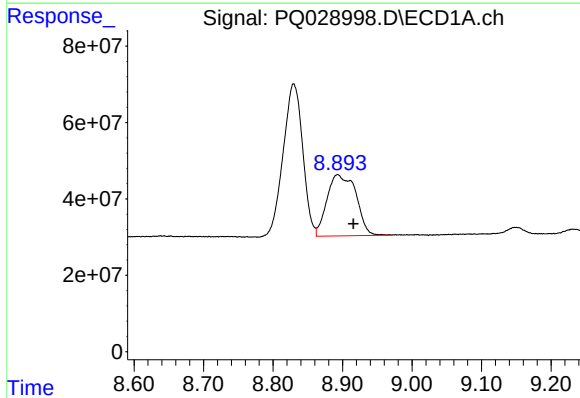
R.T.: 8.830 min
Delta R.T.: 0.010 min
Response: 784213638
Conc: 57.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



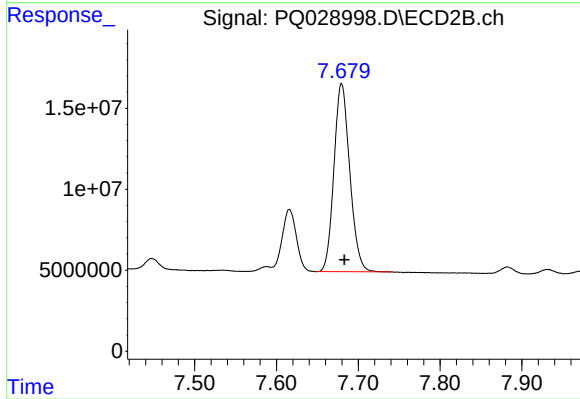
#41 AR-1268-1

R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 46404917
Conc: 25.57 ng/ml



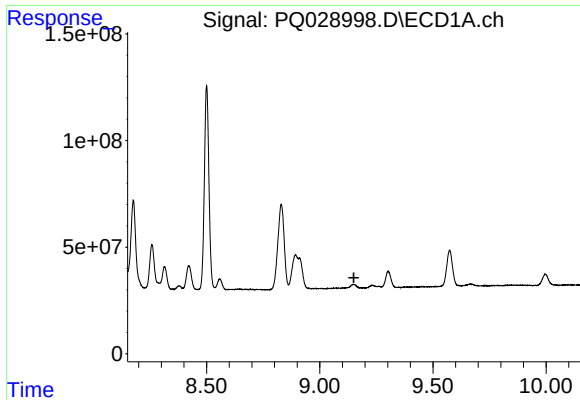
#42 AR-1268-2

R.T.: 8.893 min
Delta R.T.: -0.023 min
Response: 464564764
Conc: 39.59 ng/ml



#42 AR-1268-2

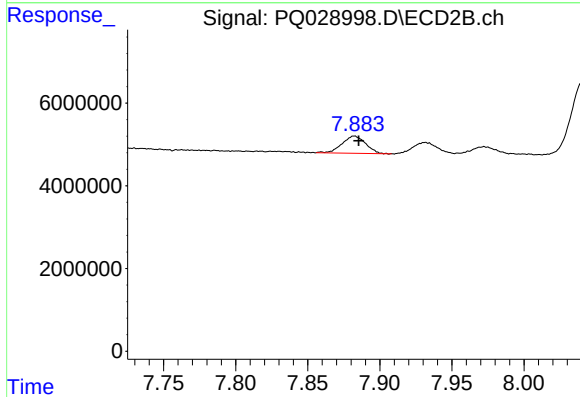
R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 156074526
Conc: 88.05 ng/ml



#43 AR-1268-3

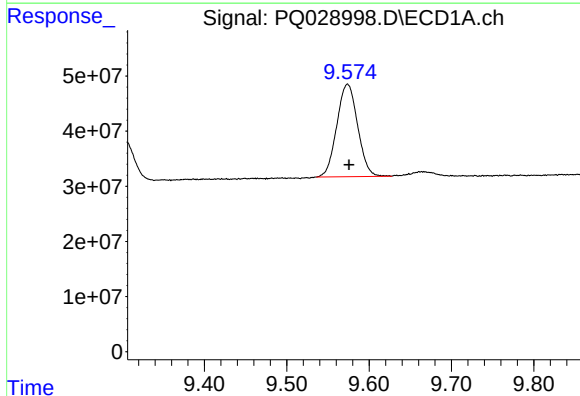
R.T.: 0.000 min
Exp R.T.: 9.151 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



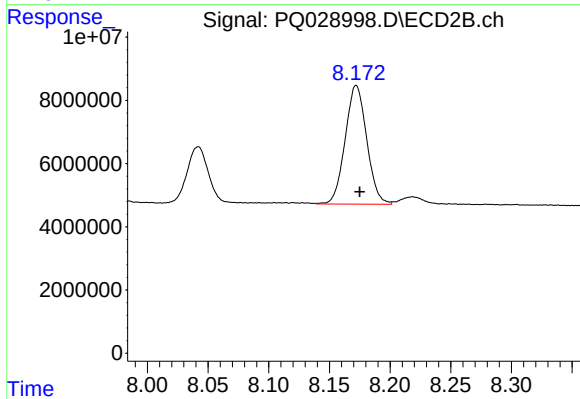
#43 AR-1268-3

R.T.: 7.882 min
Delta R.T.: -0.003 min
Response: 4739105
Conc: 3.44 ng/ml



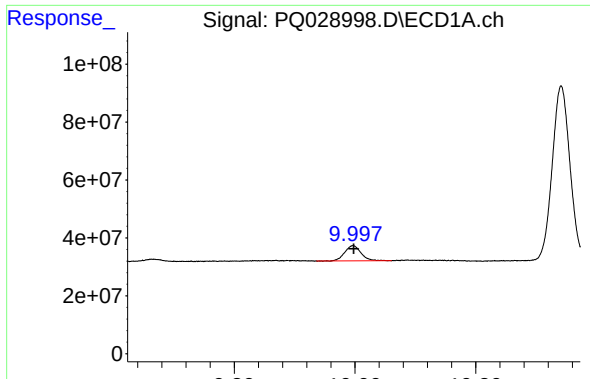
#44 AR-1268-4

R.T.: 9.574 min
Delta R.T.: -0.002 min
Response: 295268392
Conc: 79.20 ng/ml



#44 AR-1268-4

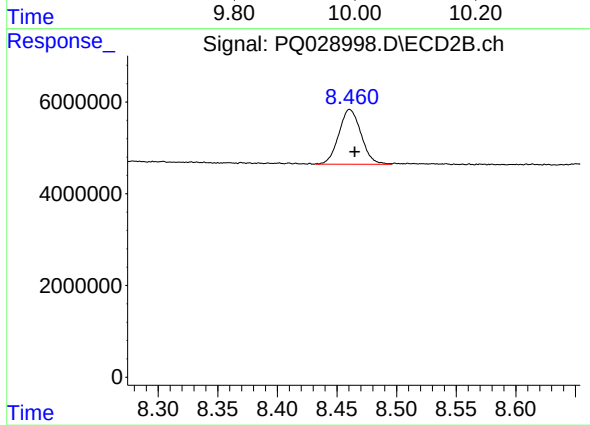
R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 46540514
Conc: 73.97 ng/ml



#45 AR-1268-5

R.T.: 9.997 min
Delta R.T.: -0.002 min
Response: 98731023
Conc: 3.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.461 min
Delta R.T.: -0.004 min
Response: 15500353
Conc: 3.52 ng/ml