

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091918\
 Data File : PQ032047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2018 14:15
 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: Sep 20 00:55:48 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 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...	4.595	3.874	117.2E6	101.2E6	50.548	50.555
2)	SA Decachlor...	10.452	8.951	96154295	90427683	46.125	46.699
Target Compounds							
3)	L1 AR-1016-1	5.308	4.556	26035562	23786248	491.958	492.979
4)	L1 AR-1016-2	5.504	4.972	26417573	33493351	503.768	496.328
5)	L1 AR-1016-3	5.772	4.991	35927171	47413364	487.132	507.470
6)	L1 AR-1016-4	5.859	5.048	32684395	30796998	478.809	518.718
7)	L1 AR-1016-5	6.253	5.426	27486807	28688489	504.748	548.935
8)	L2 AR-1221-1	4.801	4.088	3209813	3072453	136.128	151.554
9)	L2 AR-1221-2	4.893	4.178	4810786	4534043	274.079	290.219
10)	L2 AR-1221-3	4.970	4.254	19262234	17655998	347.793	360.529
11)	L3 AR-1232-1	5.795	4.751	54195855	24687338	1307.548	1416.356
12)	L3 AR-1232-2	5.958	4.865	26366301	7336466	1274.561	1454.024
13)	L3 AR-1232-3	6.130	5.252	9125921	23796821	1583.580	1517.184
14)	L3 AR-1232-4	6.463	5.576	7809538	30203023	1619.003	1635.476
15)	L3 AR-1232-5	7.327	6.156	7431411	2311797	2885.820	810.185 #
16)	L4 AR-1242-1	5.339	4.576	15203119	12614579	687.119	634.605
17)	L4 AR-1242-2	6.092	5.170	24192696	25022001	666.365	697.466
18)	L4 AR-1242-3	6.294	5.284	11988398	8102102	703.492	688.176
19)	L4 AR-1242-4	6.339	5.649	9152372	8144862	601.104	781.099 #
20)	L4 AR-1242-5	6.395	6.022	29467745	2557692	648.517	107.755 #
21)	L5 AR-1248-1	6.045	5.209	22793257	19345347	393.855	393.338
22)	L5 AR-1248-2	6.630	5.778	24833864	26766493	441.831	292.799 #
23)	L5 AR-1248-3	6.657	5.820	9130932	7219454	122.074	114.148
24)	L5 AR-1248-4	6.697	5.995	7602191	1886455	107.386	34.578 #
25)	L5 AR-1248-5	6.848	6.345	20797945	42616558	454.696	1047.062 #
26)	L6 AR-1254-1	6.848	5.925	20797945	19070090	125.428	158.606 #
27)	L6 AR-1254-2	7.132	6.243	3591143	3915514	35.305	39.619
28)	L6 AR-1254-3	7.218	6.560	11744978	3232432	64.581	25.775 #
29)	L6 AR-1254-4	7.504	6.886	10025437	6262542	75.238	71.196
30)	L6 AR-1254-5	7.767	6.978	28372758	69914415	277.495	402.492 #
31)	L7 AR-1260-1	7.380	6.462	53992636	51394508	462.898	479.680
32)	L7 AR-1260-2	7.637	6.647	63748527	63682521	475.048	492.348
33)	L7 AR-1260-3	7.923	6.805	74179887	59477476	478.736	492.877
34)	L7 AR-1260-4	8.230	7.277	52459704	47720933	459.220	487.191
35)	L7 AR-1260-5	8.561	7.516	104.8E6	117.6E6	460.157	492.422
36)	L8 AR-1262-1	7.275	6.345	34612503	42616558	585.478	809.251 #
37)	L8 AR-1262-2	8.055	7.068	24343984	25204907	482.948	499.570
38)	L8 AR-1262-3	8.315	7.375	25583435	25662688	450.002	469.798
39)	L8 AR-1262-4	8.962	7.801	39394676	23609907	343.710	264.158
40)	L8 AR-1262-5	9.666	8.372	28083357	27954852	345.488	353.540
41)	L9 AR-1268-1	7.996	7.014	45300462	50329276	862.238	998.800

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 Acq On : 19 Sep 2018 14:15
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

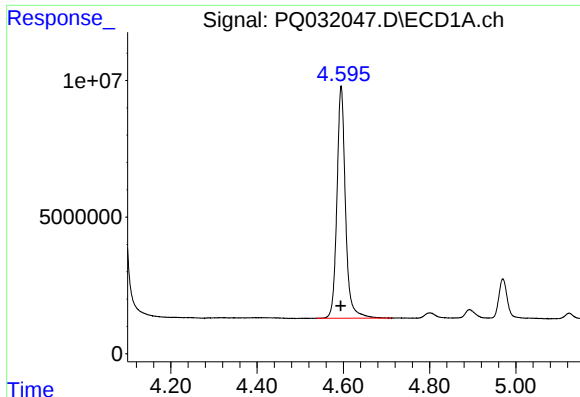
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 00:55:48 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 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	8.230	7.865	52459704	82698624	770.305	311.535 #
43) L9	AR-1268-3	8.904	8.073	66592754	1355411	228.778	6.204 #
44) L9	AR-1268-4	0.000	8.168	0	1061239	N.D.	18.473 #
45) L9	AR-1268-5	10.099	8.679	7465136	7673339	10.058	10.786

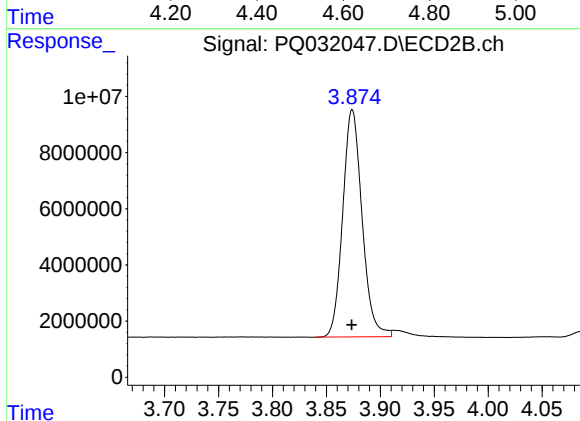
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

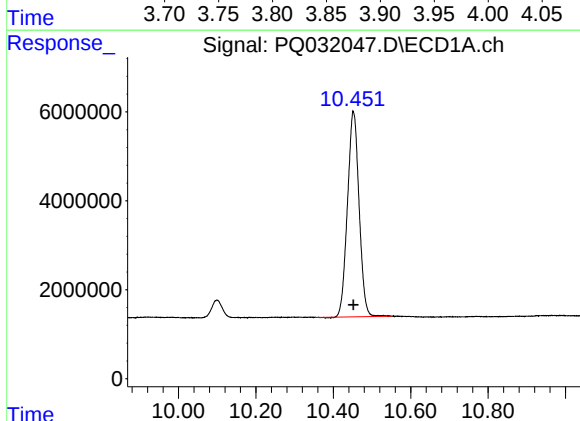
R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 117205245
Conc: 50.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



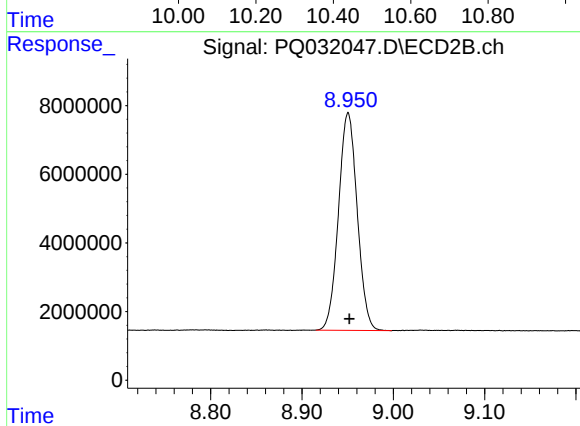
#1 Tetrachloro-m-xylene

R.T.: 3.874 min
Delta R.T.: 0.000 min
Response: 101246704
Conc: 50.55 ng/ml



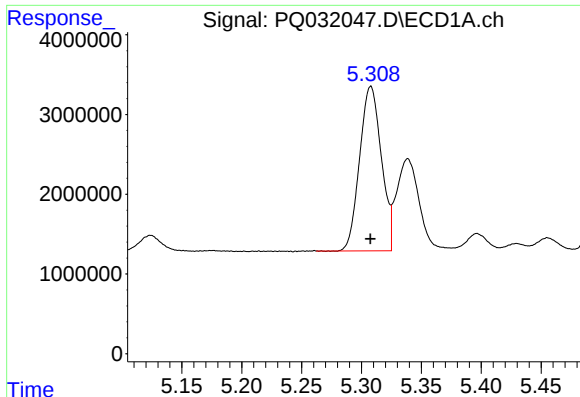
#2 Decachlorobiphenyl

R.T.: 10.452 min
Delta R.T.: 0.000 min
Response: 96154295
Conc: 46.12 ng/ml



#2 Decachlorobiphenyl

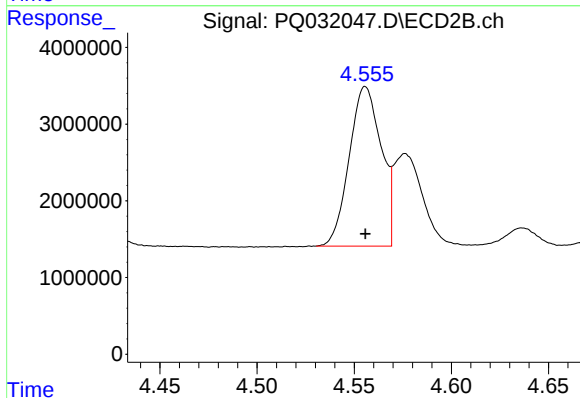
R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 90427683
Conc: 46.70 ng/ml



#3 AR-1016-1

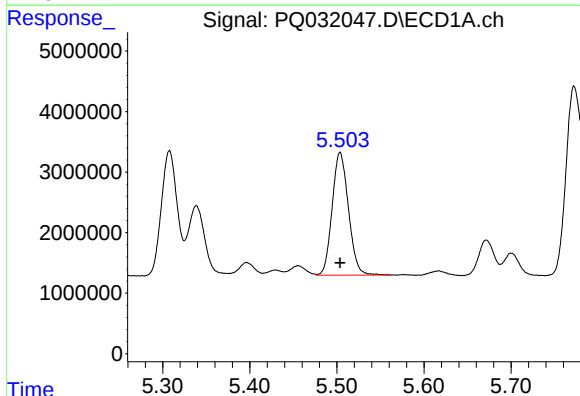
R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 26035562
Conc: 491.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



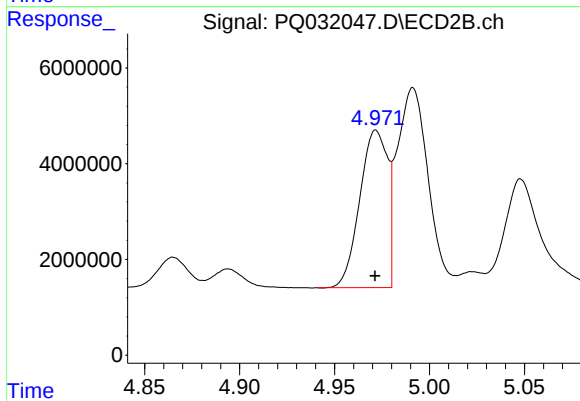
#3 AR-1016-1

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 23786248
Conc: 492.98 ng/ml



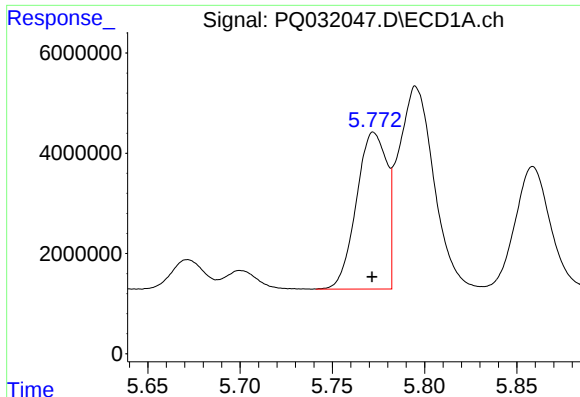
#4 AR-1016-2

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 26417573
Conc: 503.77 ng/ml



#4 AR-1016-2

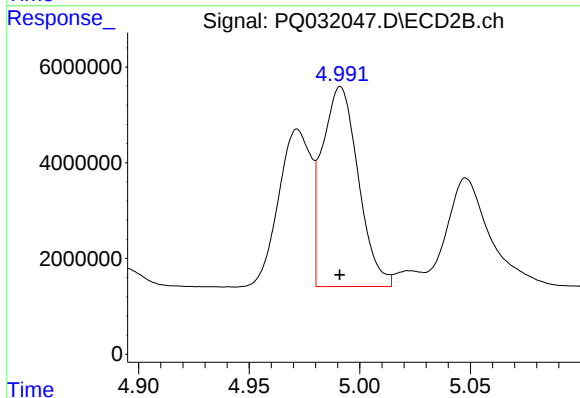
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 33493351
Conc: 496.33 ng/ml



#5 AR-1016-3

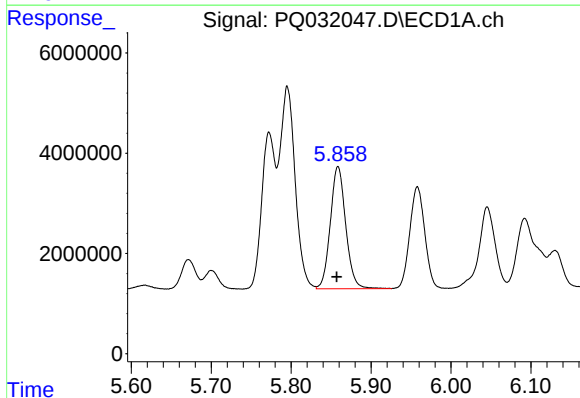
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 35927171
Conc: 487.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



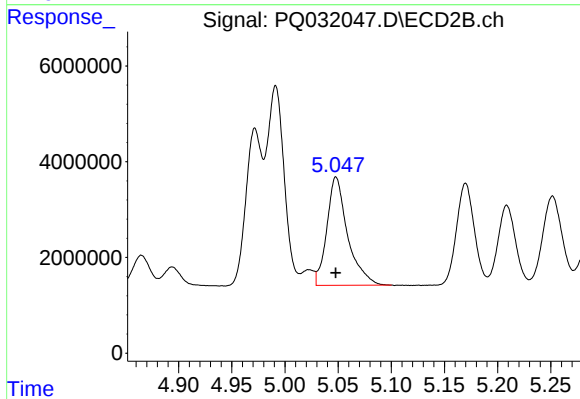
#5 AR-1016-3

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 47413364
Conc: 507.47 ng/ml



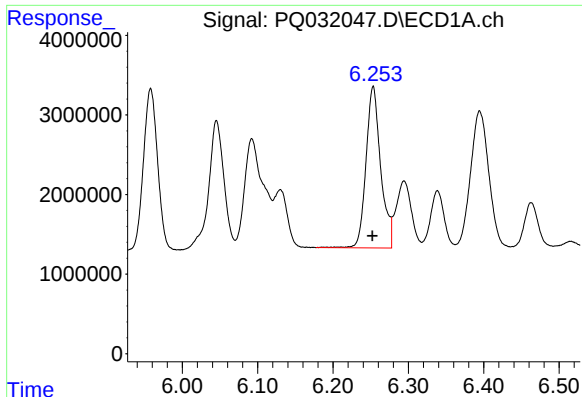
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: 0.002 min
Response: 32684395
Conc: 478.81 ng/ml



#6 AR-1016-4

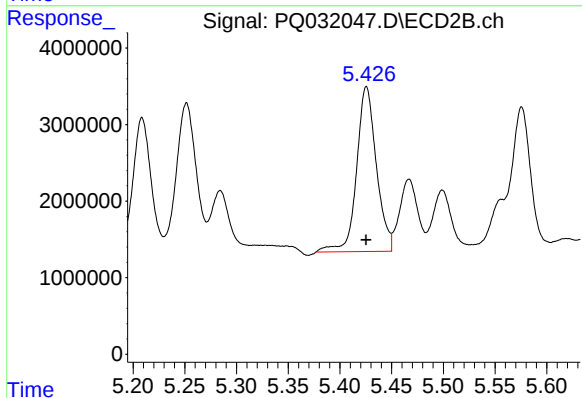
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 30796998
Conc: 518.72 ng/ml



#7 AR-1016-5

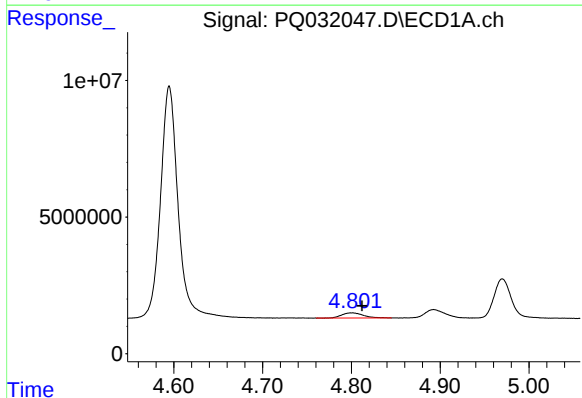
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 27486807
Conc: 504.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



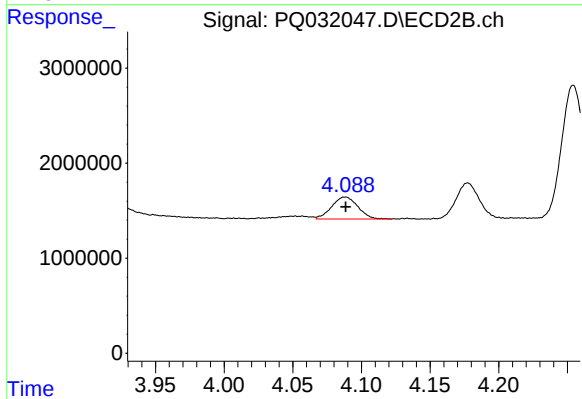
#7 AR-1016-5

R.T.: 5.426 min
Delta R.T.: 0.000 min
Response: 28688489
Conc: 548.94 ng/ml



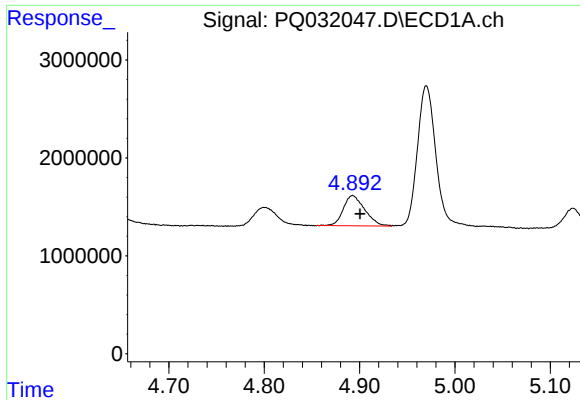
#8 AR-1221-1

R.T.: 4.801 min
Delta R.T.: -0.012 min
Response: 3209813
Conc: 136.13 ng/ml



#8 AR-1221-1

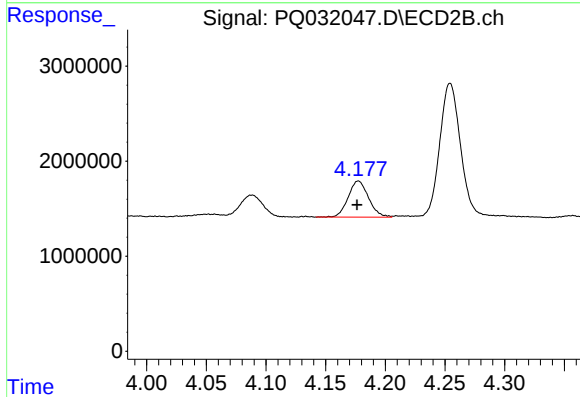
R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 3072453
Conc: 151.55 ng/ml



#9 AR-1221-2

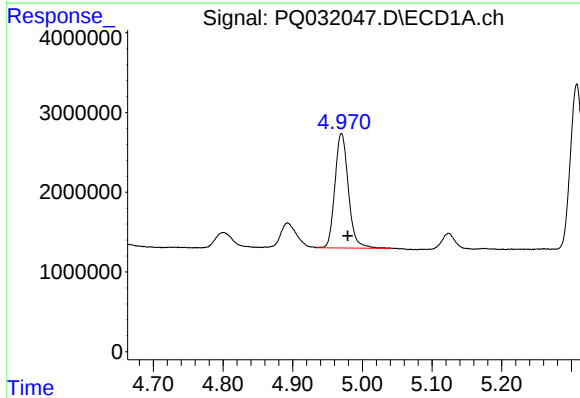
R.T.: 4.893 min
Delta R.T.: -0.008 min
Response: 4810786
Conc: 274.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



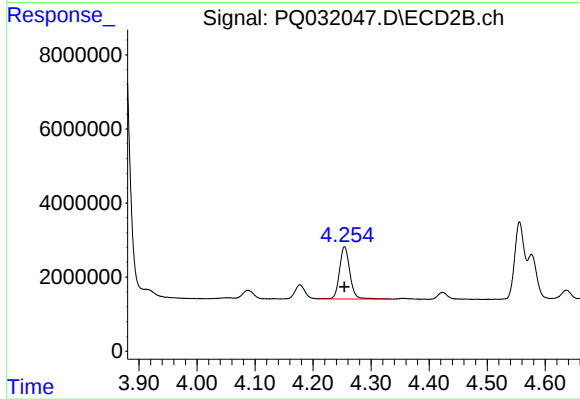
#9 AR-1221-2

R.T.: 4.178 min
Delta R.T.: 0.001 min
Response: 4534043
Conc: 290.22 ng/ml



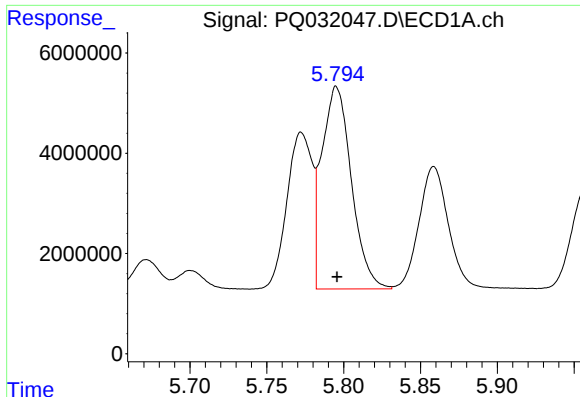
#10 AR-1221-3

R.T.: 4.970 min
Delta R.T.: -0.009 min
Response: 19262234
Conc: 347.79 ng/ml



#10 AR-1221-3

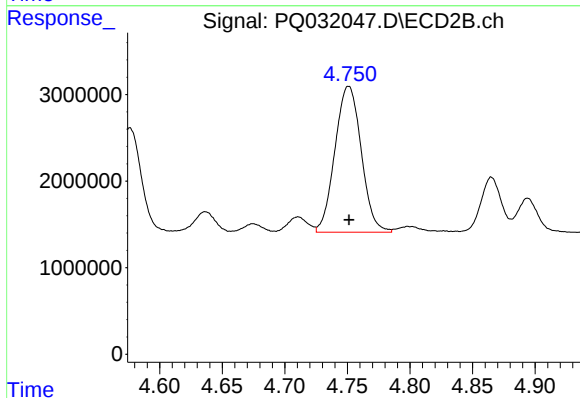
R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 17655998
Conc: 360.53 ng/ml



#11 AR-1232-1

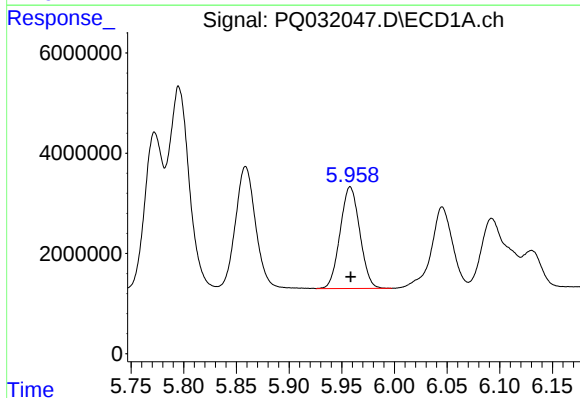
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 54195855
Conc: 1307.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



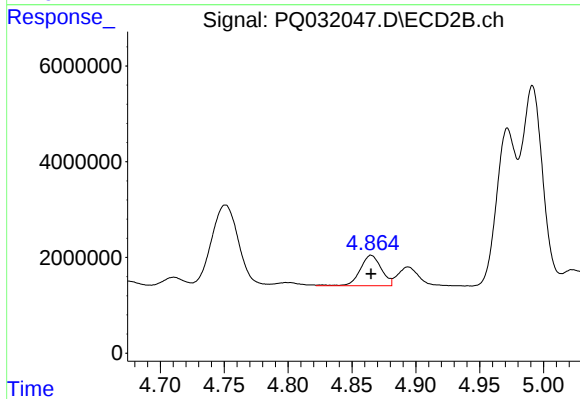
#11 AR-1232-1

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 24687338
Conc: 1416.36 ng/ml



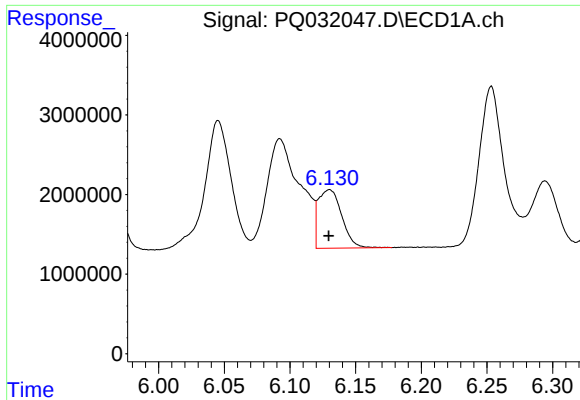
#12 AR-1232-2

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 26366301
Conc: 1274.56 ng/ml



#12 AR-1232-2

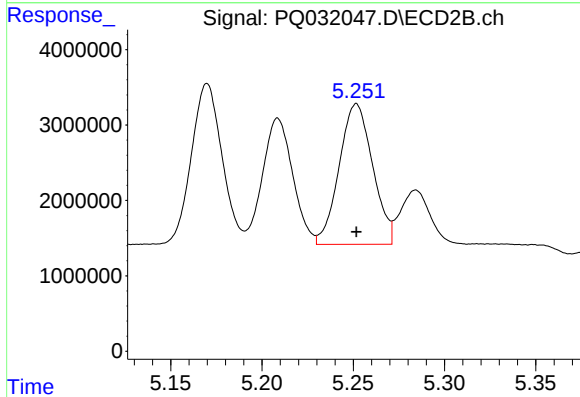
R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 7336466
Conc: 1454.02 ng/ml



#13 AR-1232-3

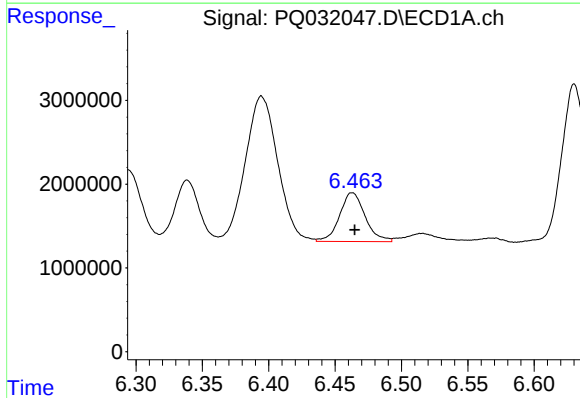
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 9125921
Conc: 1583.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



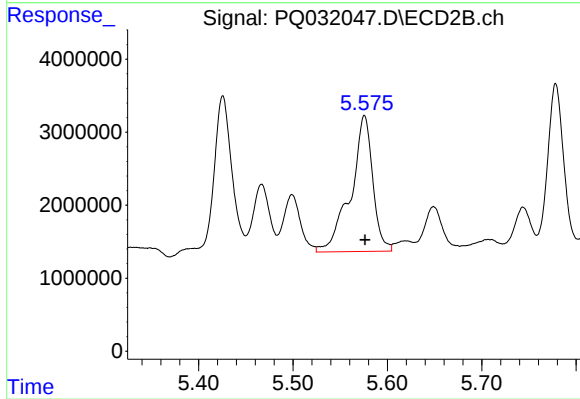
#13 AR-1232-3

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 23796821
Conc: 1517.18 ng/ml



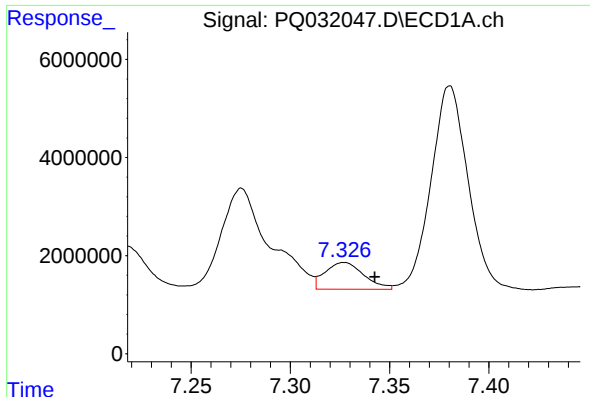
#14 AR-1232-4

R.T.: 6.463 min
Delta R.T.: -0.002 min
Response: 7809538
Conc: 1619.00 ng/ml



#14 AR-1232-4

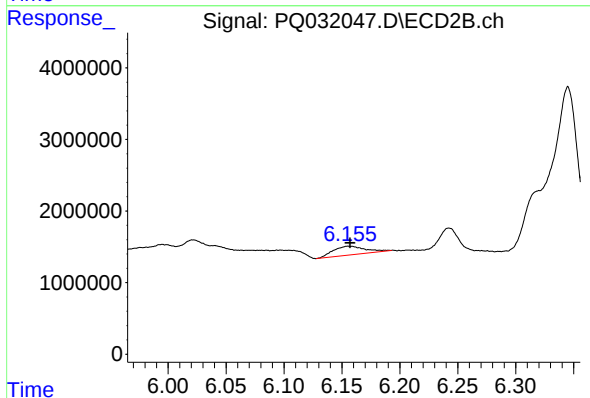
R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 30203023
Conc: 1635.48 ng/ml



#15 AR-1232-5

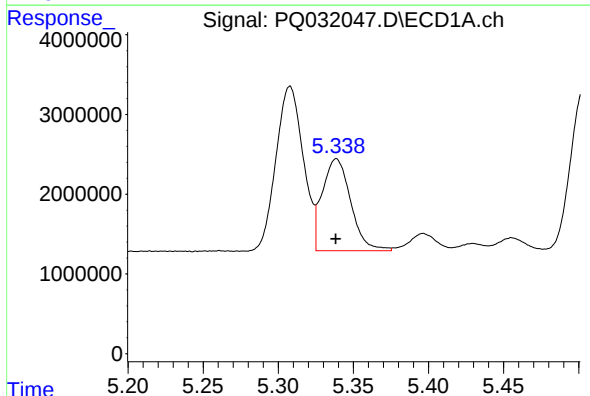
R.T.: 7.327 min
Delta R.T.: -0.015 min
Response: 7431411
Conc: 2885.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



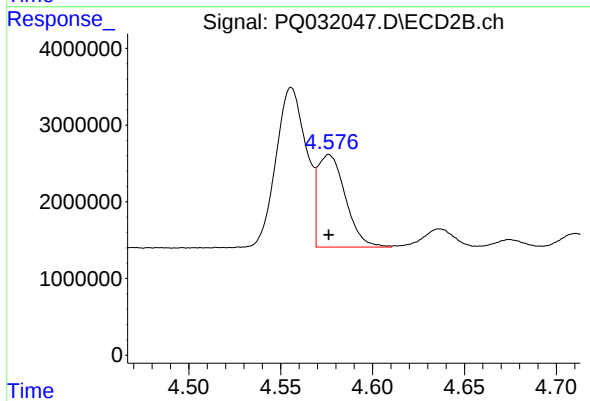
#15 AR-1232-5

R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 2311797
Conc: 810.18 ng/ml



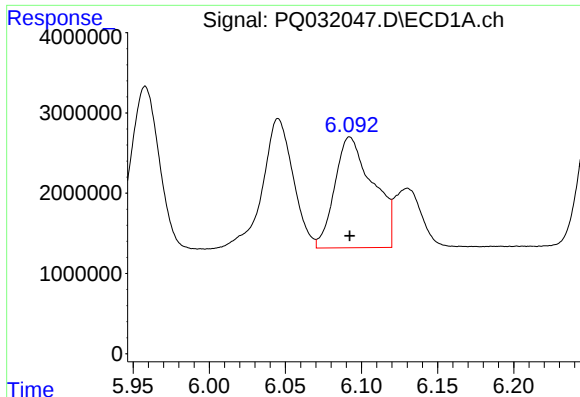
#16 AR-1242-1

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 15203119
Conc: 687.12 ng/ml



#16 AR-1242-1

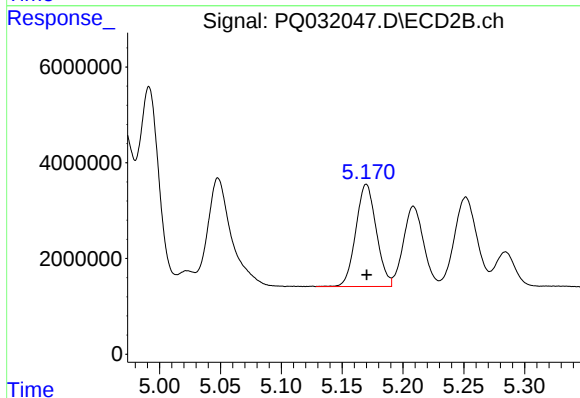
R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 12614579
Conc: 634.60 ng/ml



#17 AR-1242-2

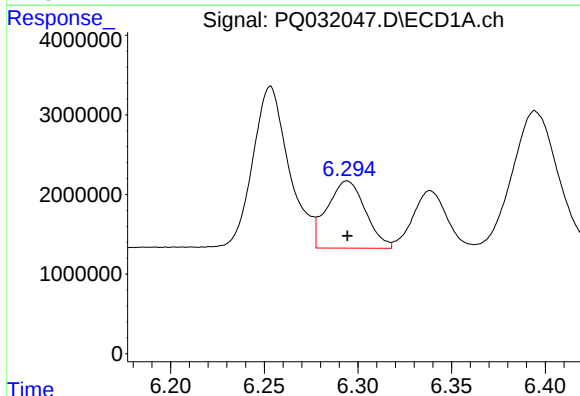
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 24192696
Conc: 666.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



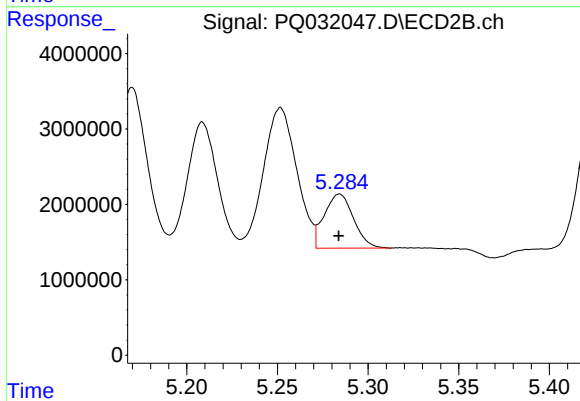
#17 AR-1242-2

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 25022001
Conc: 697.47 ng/ml



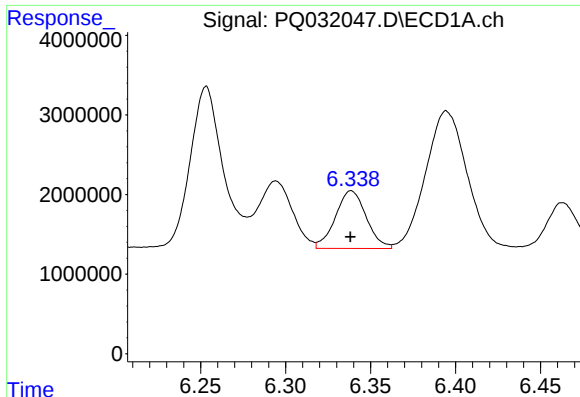
#18 AR-1242-3

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 11988398
Conc: 703.49 ng/ml



#18 AR-1242-3

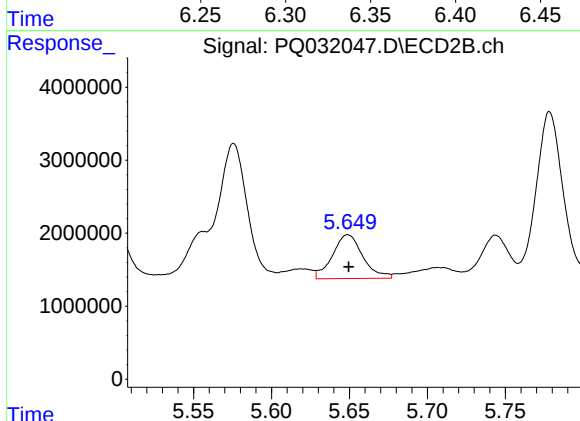
R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 8102102
Conc: 688.18 ng/ml



#19 AR-1242-4

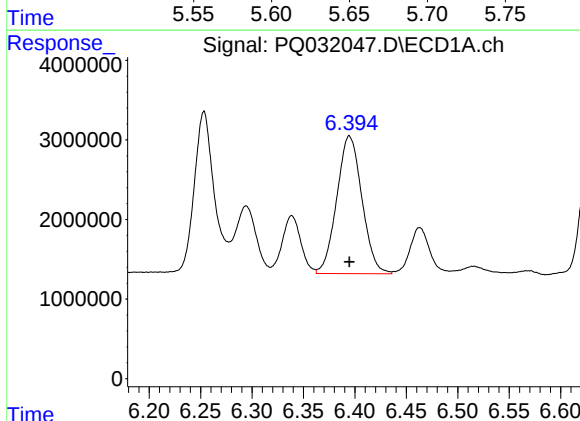
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 9152372
Conc: 601.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



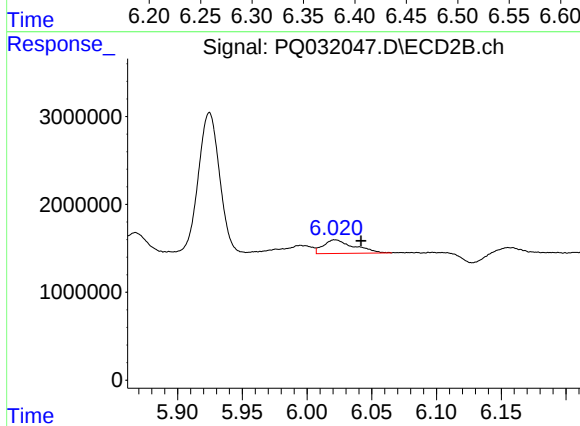
#19 AR-1242-4

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 8144862
Conc: 781.10 ng/ml



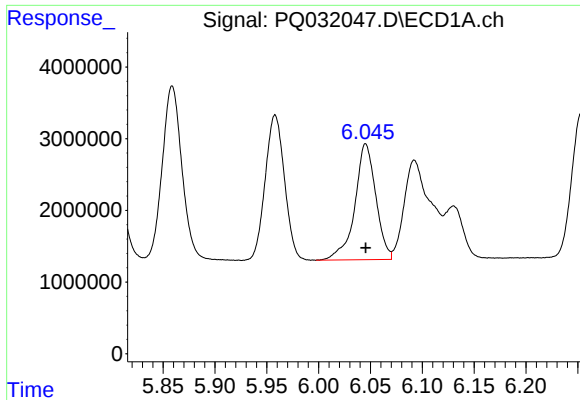
#20 AR-1242-5

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 29467745
Conc: 648.52 ng/ml



#20 AR-1242-5

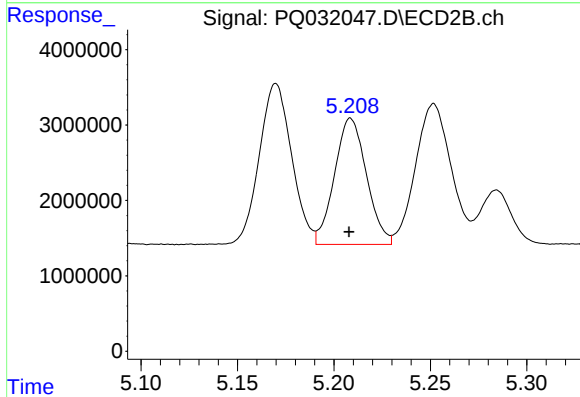
R.T.: 6.022 min
Delta R.T.: -0.020 min
Response: 2557692
Conc: 107.76 ng/ml



#21 AR-1248-1

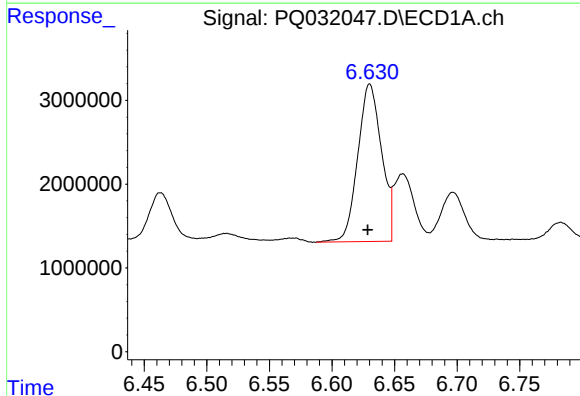
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 22793257
Conc: 393.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



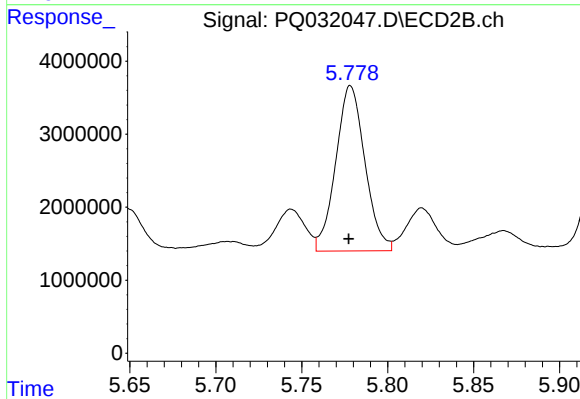
#21 AR-1248-1

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 19345347
Conc: 393.34 ng/ml



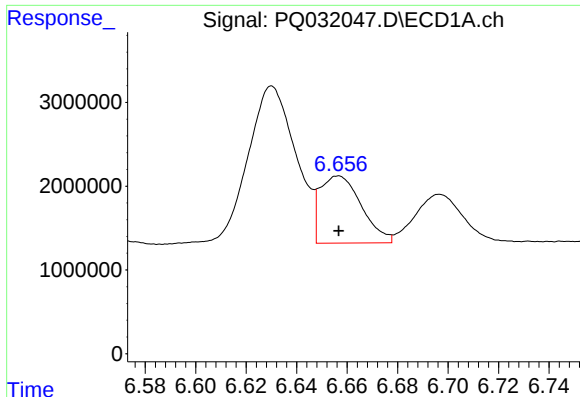
#22 AR-1248-2

R.T.: 6.630 min
Delta R.T.: 0.002 min
Response: 24833864
Conc: 441.83 ng/ml



#22 AR-1248-2

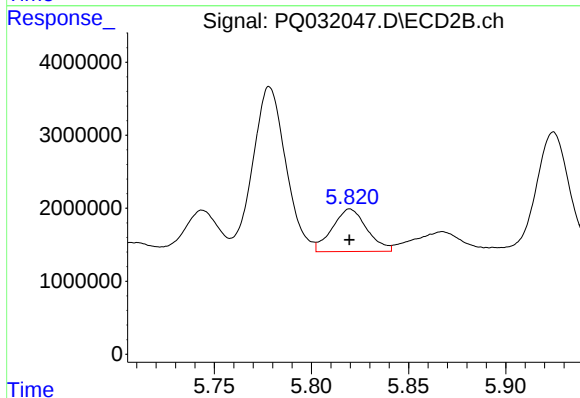
R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 26766493
Conc: 292.80 ng/ml



#23 AR-1248-3

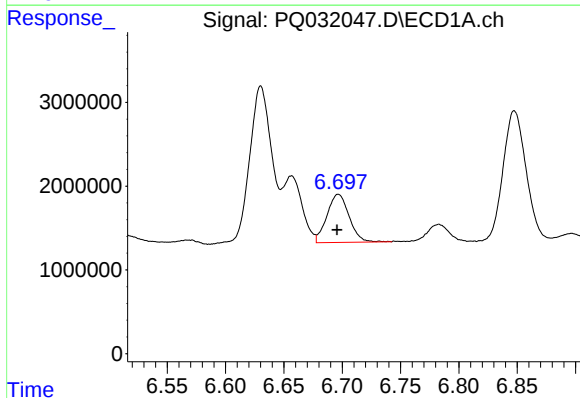
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 9130932
Conc: 122.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



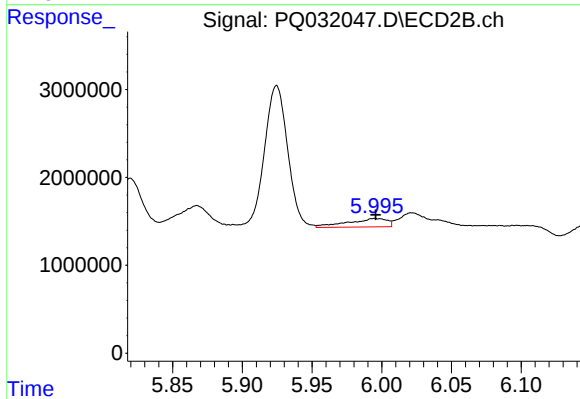
#23 AR-1248-3

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 7219454
Conc: 114.15 ng/ml



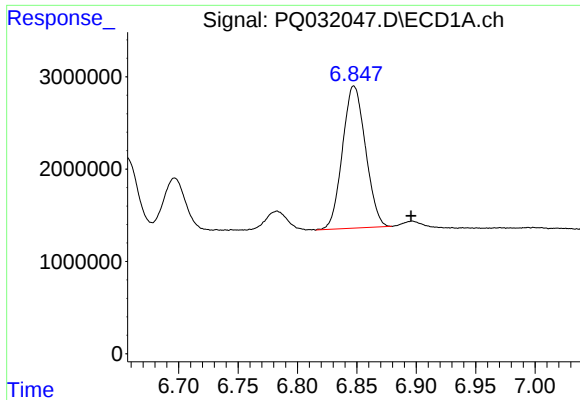
#24 AR-1248-4

R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 7602191
Conc: 107.39 ng/ml



#24 AR-1248-4

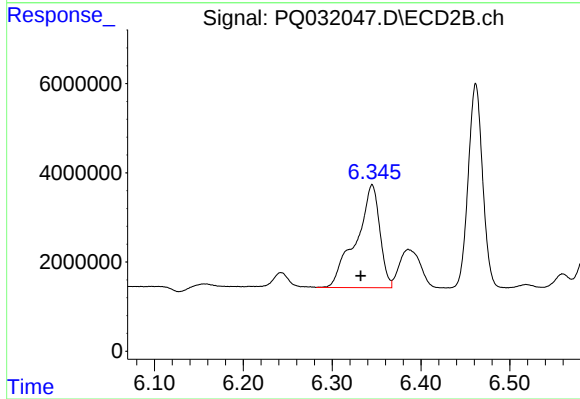
R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 1886455
Conc: 34.58 ng/ml



#25 AR-1248-5

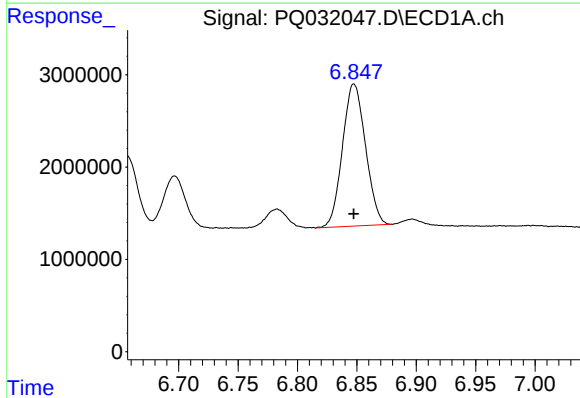
R.T.: 6.848 min
Delta R.T.: -0.048 min
Response: 20797945
Conc: 454.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



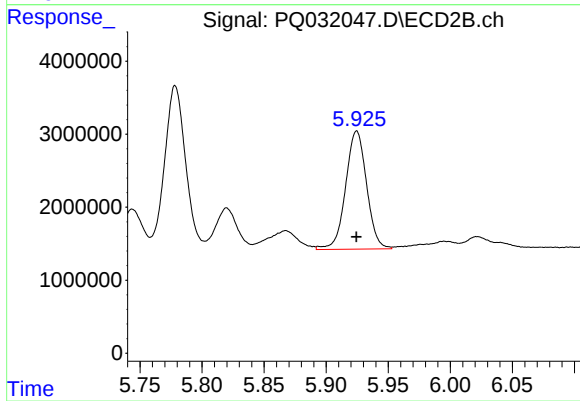
#25 AR-1248-5

R.T.: 6.345 min
Delta R.T.: 0.013 min
Response: 42616558
Conc: 1047.06 ng/ml



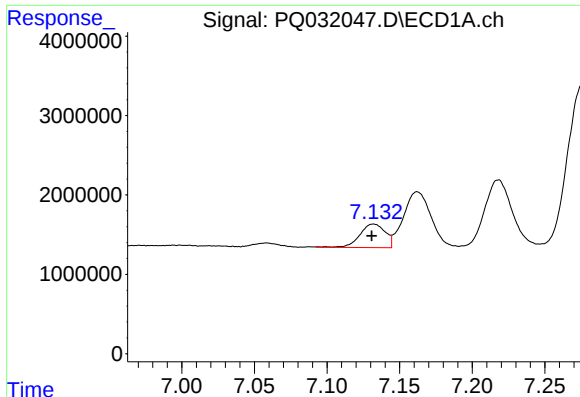
#26 AR-1254-1

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 20797945
Conc: 125.43 ng/ml



#26 AR-1254-1

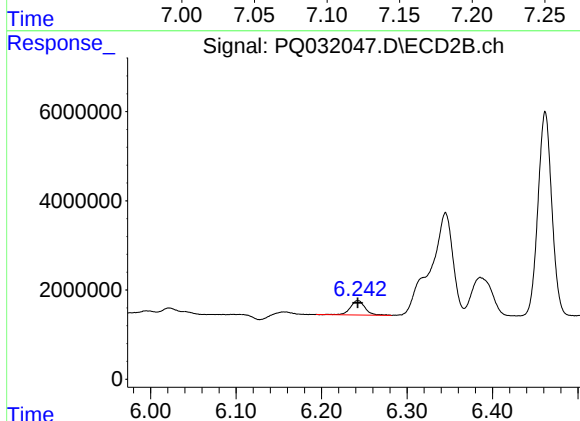
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 19070090
Conc: 158.61 ng/ml



#27 AR-1254-2

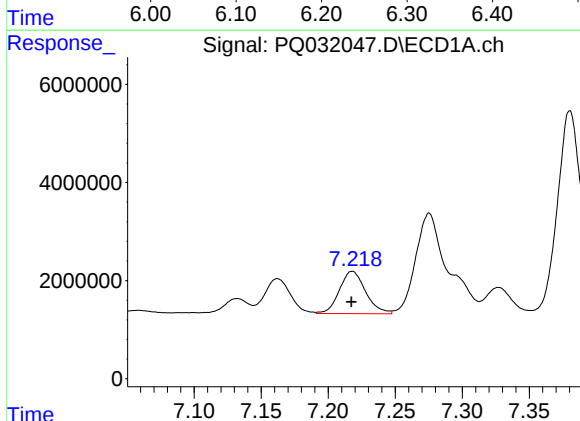
R.T.: 7.132 min
Delta R.T.: 0.001 min
Response: 3591143
Conc: 35.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



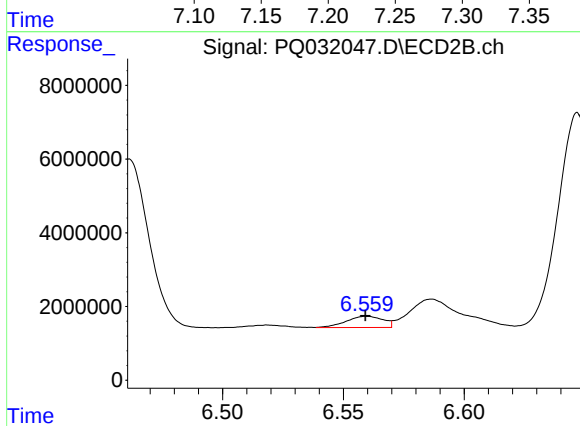
#27 AR-1254-2

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 3915514
Conc: 39.62 ng/ml



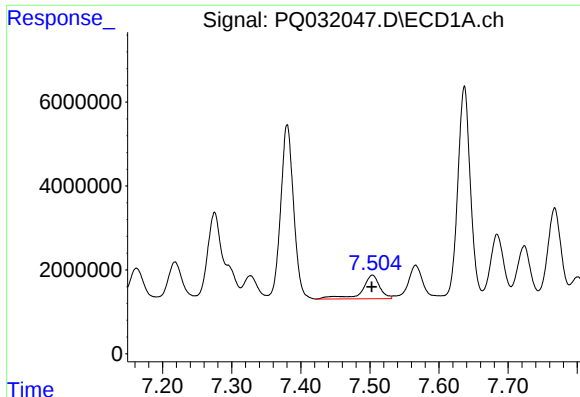
#28 AR-1254-3

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 11744978
Conc: 64.58 ng/ml



#28 AR-1254-3

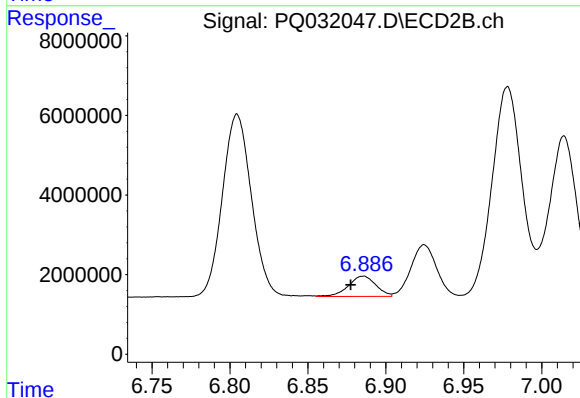
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 3232432
Conc: 25.78 ng/ml



#29 AR-1254-4

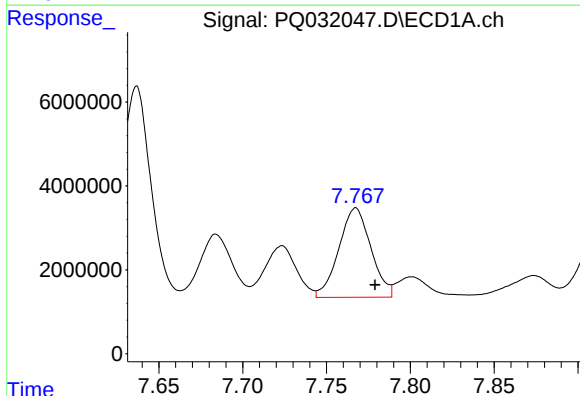
R.T.: 7.504 min
Delta R.T.: 0.001 min
Response: 10025437
Conc: 75.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



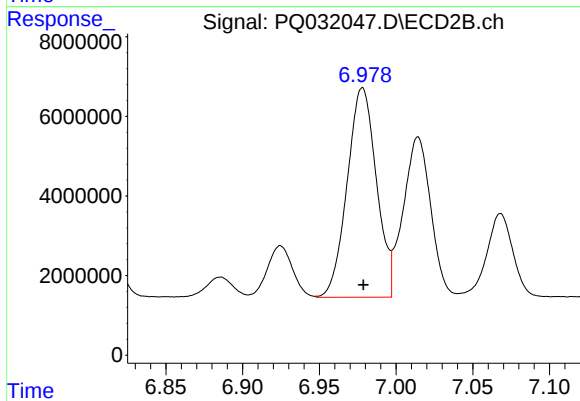
#29 AR-1254-4

R.T.: 6.886 min
Delta R.T.: 0.008 min
Response: 6262542
Conc: 71.20 ng/ml



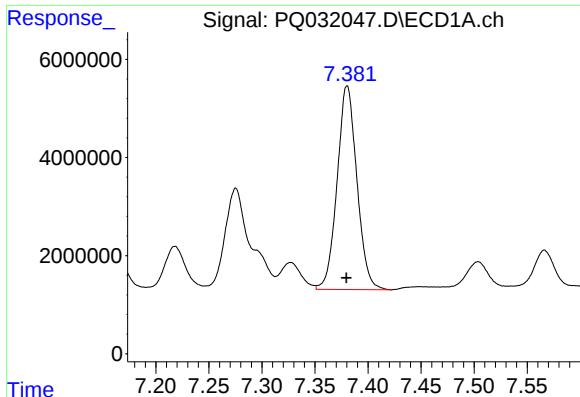
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: -0.011 min
Response: 28372758
Conc: 277.50 ng/ml



#30 AR-1254-5

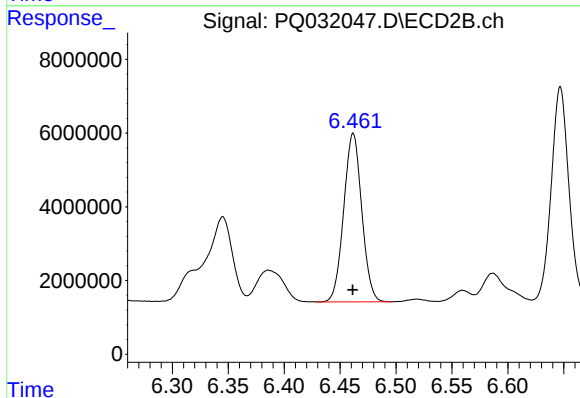
R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 69914415
Conc: 402.49 ng/ml



#31 AR-1260-1

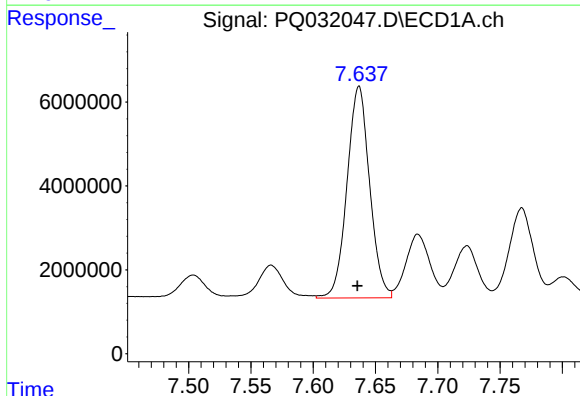
R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 53992636
Conc: 462.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



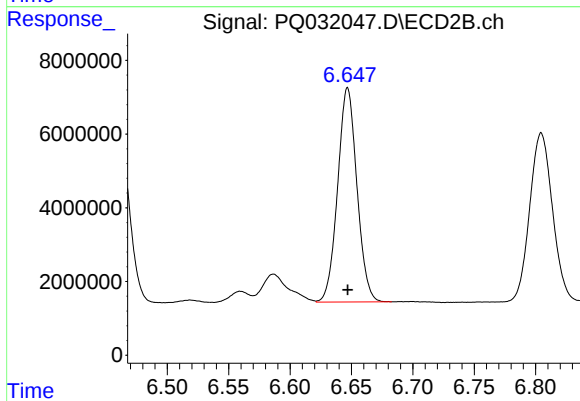
#31 AR-1260-1

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 51394508
Conc: 479.68 ng/ml



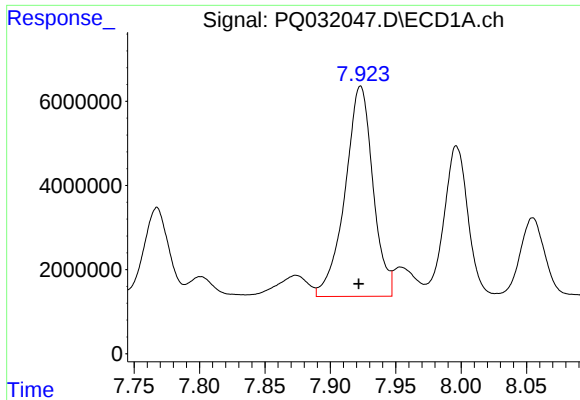
#32 AR-1260-2

R.T.: 7.637 min
Delta R.T.: 0.001 min
Response: 63748527
Conc: 475.05 ng/ml



#32 AR-1260-2

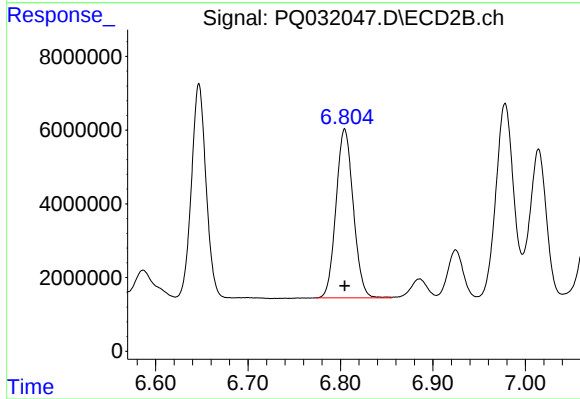
R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 63682521
Conc: 492.35 ng/ml



#33 AR-1260-3

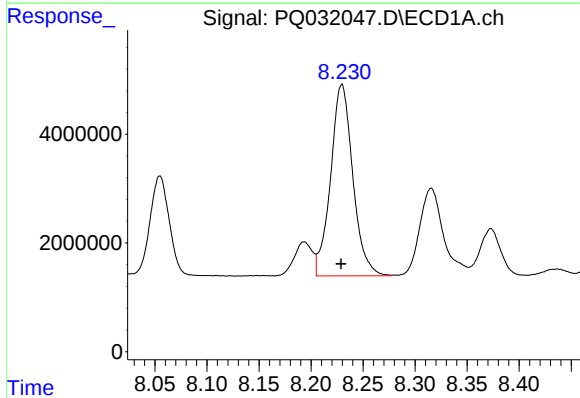
R.T.: 7.923 min
Delta R.T.: 0.001 min
Response: 74179887
Conc: 478.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



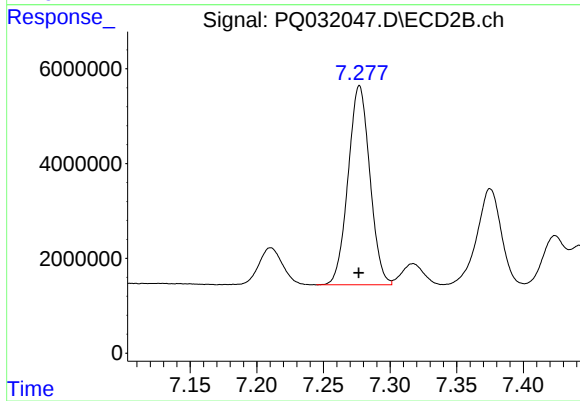
#33 AR-1260-3

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 59477476
Conc: 492.88 ng/ml



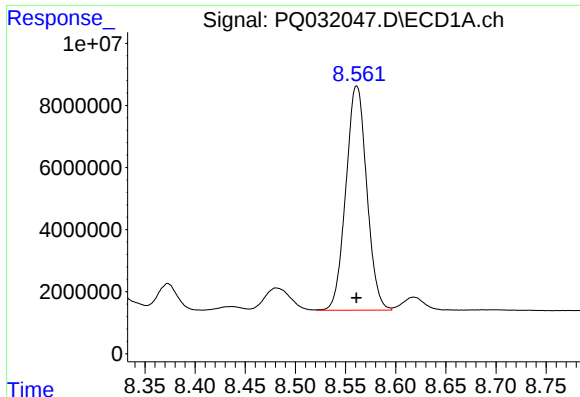
#34 AR-1260-4

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 52459704
Conc: 459.22 ng/ml



#34 AR-1260-4

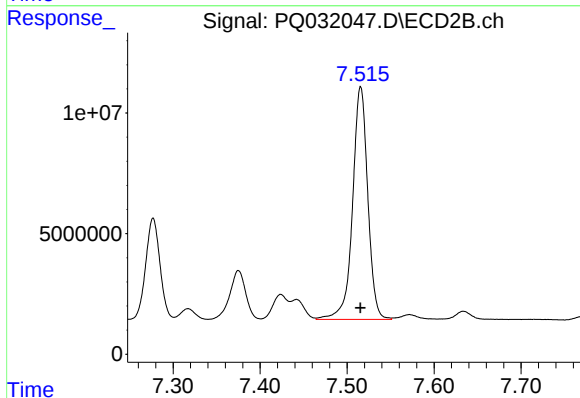
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 47720933
Conc: 487.19 ng/ml



#35 AR-1260-5

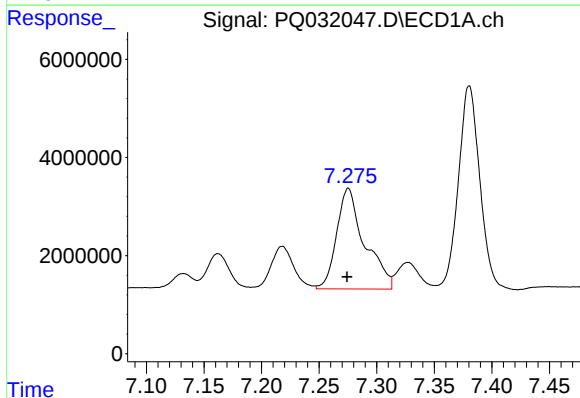
R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 104820111
Conc: 460.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



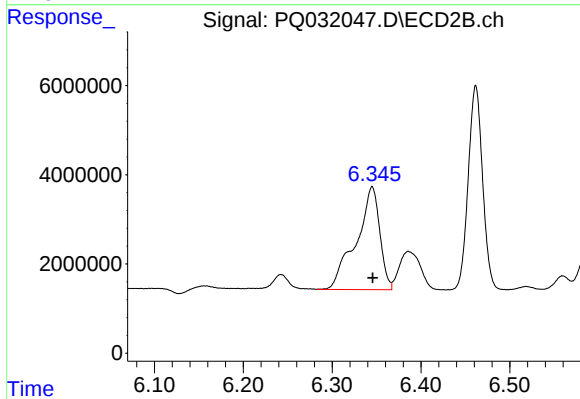
#35 AR-1260-5

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 117589799
Conc: 492.42 ng/ml



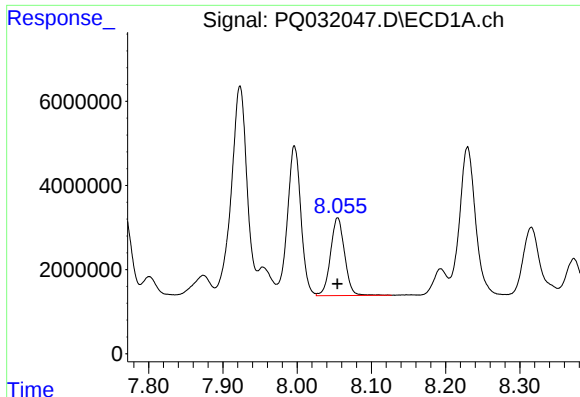
#36 AR-1262-1

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 34612503
Conc: 585.48 ng/ml



#36 AR-1262-1

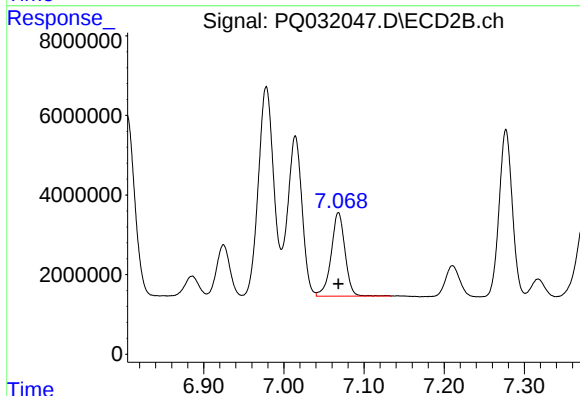
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 42616558
Conc: 809.25 ng/ml



#37 AR-1262-2

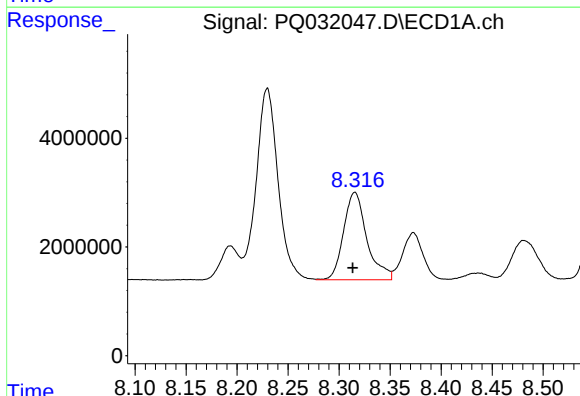
R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 24343984
Conc: 482.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



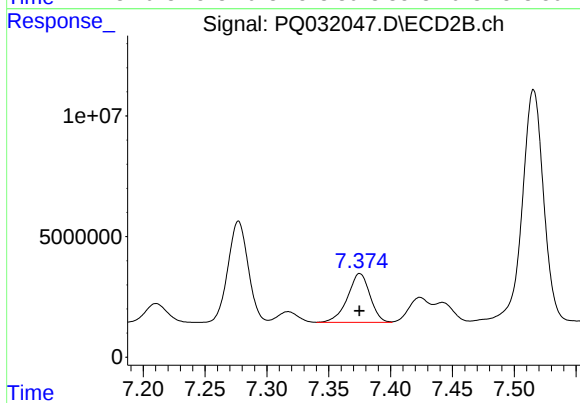
#37 AR-1262-2

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 25204907
Conc: 499.57 ng/ml



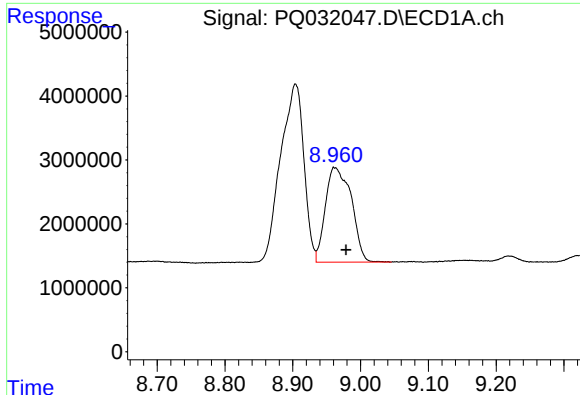
#38 AR-1262-3

R.T.: 8.315 min
Delta R.T.: 0.002 min
Response: 25583435
Conc: 450.00 ng/ml



#38 AR-1262-3

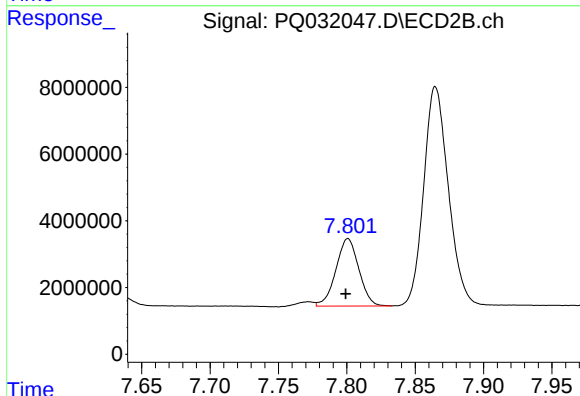
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 25662688
Conc: 469.80 ng/ml



#39 AR-1262-4

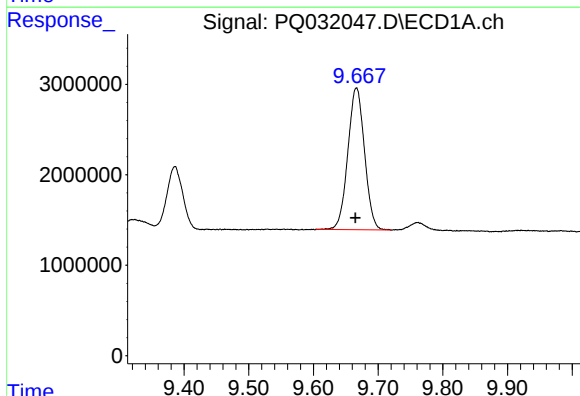
R.T.: 8.962 min
Delta R.T.: -0.017 min
Response: 39394676
Conc: 343.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



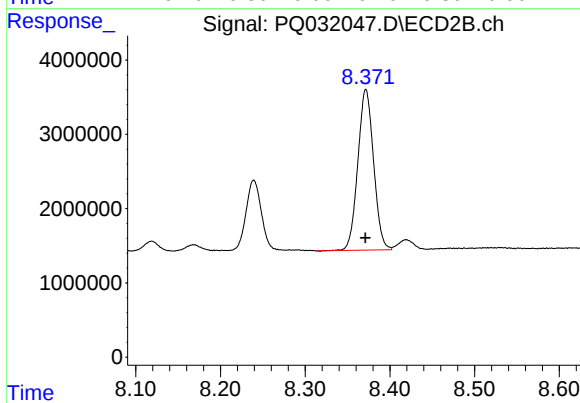
#39 AR-1262-4

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 23609907
Conc: 264.16 ng/ml



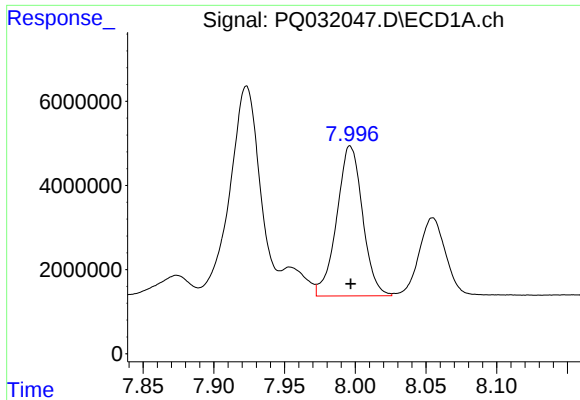
#40 AR-1262-5

R.T.: 9.666 min
Delta R.T.: 0.002 min
Response: 28083357
Conc: 345.49 ng/ml



#40 AR-1262-5

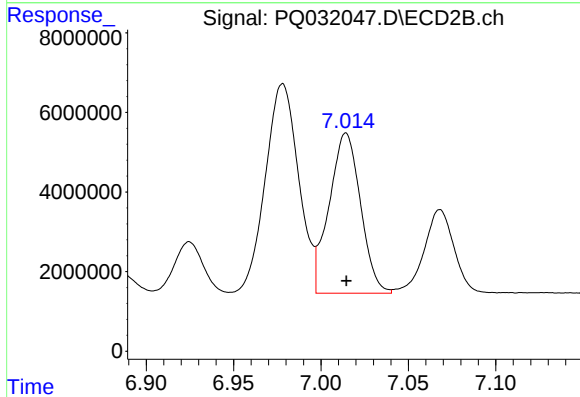
R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 27954852
Conc: 353.54 ng/ml



#41 AR-1268-1

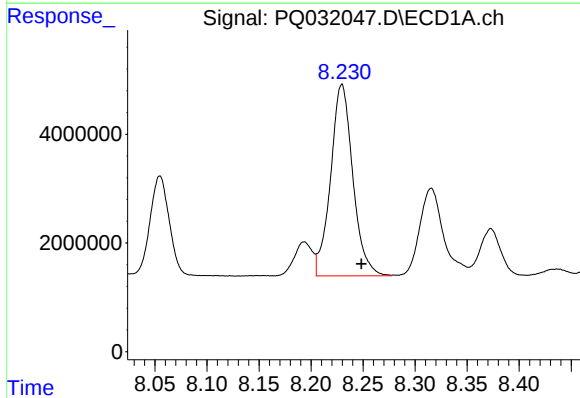
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 45300462
Conc: 862.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



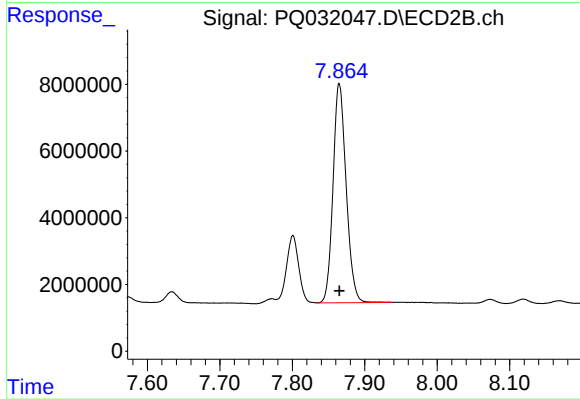
#41 AR-1268-1

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 50329276
Conc: 998.80 ng/ml



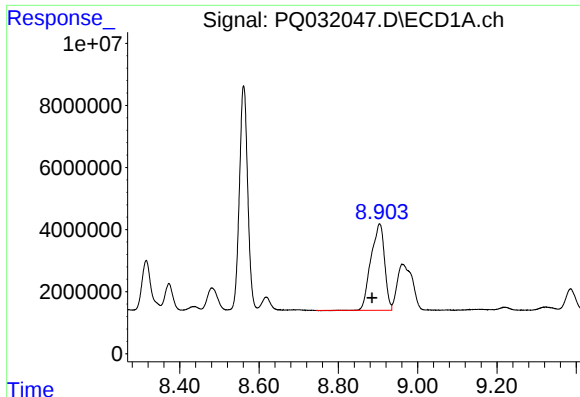
#42 AR-1268-2

R.T.: 8.230 min
Delta R.T.: -0.019 min
Response: 52459704
Conc: 770.30 ng/ml



#42 AR-1268-2

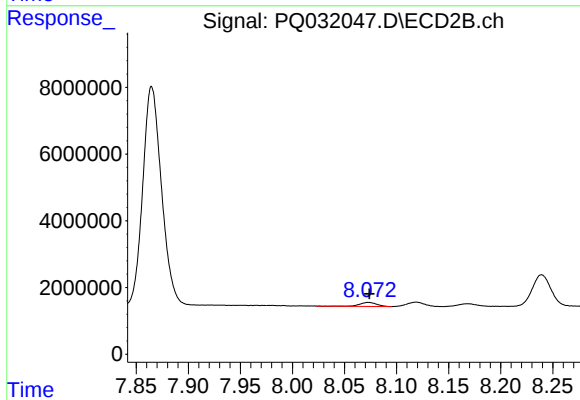
R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 82698624
Conc: 311.53 ng/ml



#43 AR-1268-3

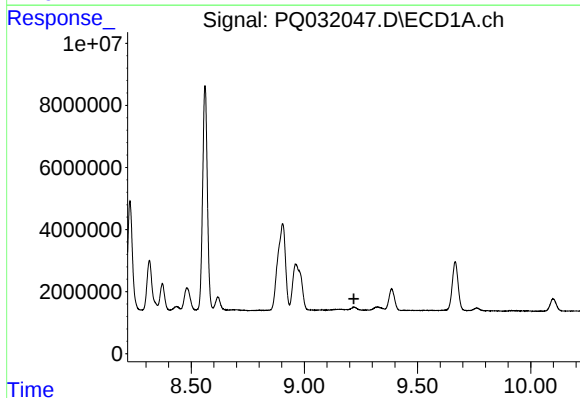
R.T.: 8.904 min
Delta R.T.: 0.019 min
Response: 66592754
Conc: 228.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



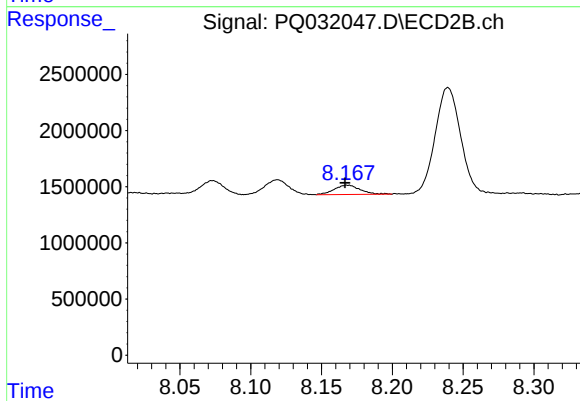
#43 AR-1268-3

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 1355411
Conc: 6.20 ng/ml



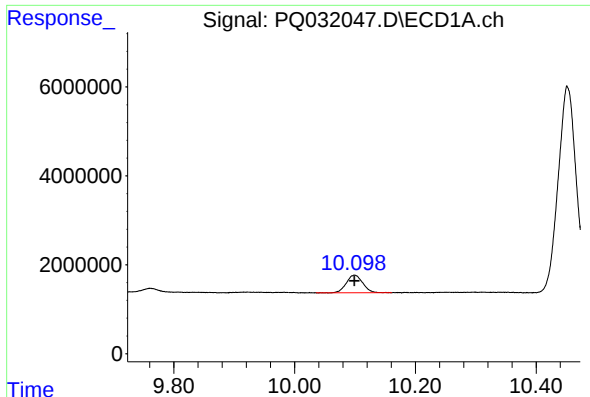
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

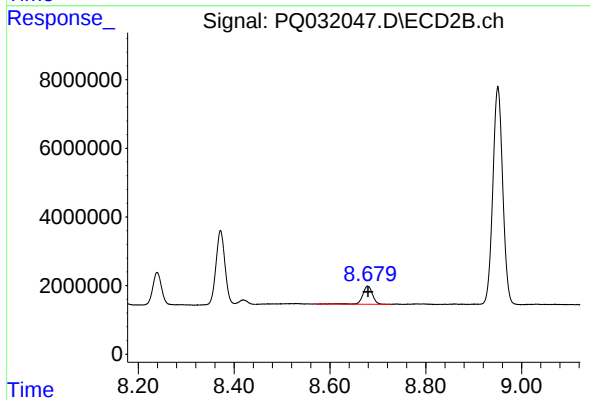
R.T.: 8.168 min
Delta R.T.: 0.002 min
Response: 1061239
Conc: 18.47 ng/ml



#45 AR-1268-5

R.T.: 10.099 min
Delta R.T.: 0.000 min
Response: 7465136
Conc: 10.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 7673339
Conc: 10.79 ng/ml