

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110518\
 Data File : PQ034138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2018 08:38
 Operator : SM\SJ
 Sample : AR1660CCC400
 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: Nov 06 03:15:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110218CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 02 05:02:12 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.555	3.834	45167322	31716649	15.588	15.550
2)	SA Decachlor...	10.364	8.868	76456993	60408425	36.847	34.992
Target Compounds							
3)	L1 AR-1016-1	5.728	4.923	30487324	23331631	326.387	304.813
4)	L1 AR-1016-2	5.752	4.942	43507461	32970343	312.691	312.108
5)	L1 AR-1016-3	5.814	5.119	25885362	17112367	320.719	314.396
6)	L1 AR-1016-4	5.915	5.159	20932574	13574244	328.420	315.601
7)	L1 AR-1016-5	6.207	5.374	21948637	17575998	340.626	316.616
8)	L2 AR-1221-1	4.761	4.046	2577103	1684613	81.895	76.427
9)	L2 AR-1221-2	4.853	4.135	2818273	2542355	145.138	166.074
10)	L2 AR-1221-3	4.930	4.211	14981738	10826949	205.377	198.155
11)	L3 AR-1232-1	4.930	4.211	14981738	10826949	263.550	253.551
12)	L3 AR-1232-2	5.461	4.942	20881401	32970343	716.026	681.207
13)	L3 AR-1232-3	5.752	5.119	43507461	17112367	691.492	708.585
14)	L3 AR-1232-4	5.915	5.201	20932574	16724849	700.250	802.989
15)	L3 AR-1232-5	6.001	5.374	19300623	17575998	839.910	759.267
16)	L4 AR-1242-1	5.728	4.923	30487324	23331631	371.449	368.586
17)	L4 AR-1242-2	5.752	4.942	43507461	32970343	356.067	361.068
18)	L4 AR-1242-3	5.814	5.119	25885362	17112367	364.343	363.799
19)	L4 AR-1242-4	5.915	5.201	20932574	16724849	355.341	363.002
20)	L4 AR-1242-5	6.650	5.725	6176385	19583582	97.000	332.537 #
21)	L5 AR-1248-1	5.728	4.923	30487324	23331631	490.341	488.523
22)	L5 AR-1248-2	6.001	5.159	19300623	13574244	231.185	218.084
23)	L5 AR-1248-3	6.207	5.201	21948637	16724849	218.261	263.034
24)	L5 AR-1248-4	6.611	5.374	7405527	17575998	67.566	224.697 #
25)	L5 AR-1248-5	6.650	5.766	6176385	4297058	60.627	56.266
26)	L6 AR-1254-1	6.584	5.725	22336310	19583582	189.147	152.908
27)	L6 AR-1254-2	6.800	5.871	19664194	14981972	106.701	140.066 #
28)	L6 AR-1254-3	7.171	6.287	11520785	30653438	58.358	168.378 #
29)	L6 AR-1254-4	7.456	6.503	7659570	3724227	53.668	32.252 #
30)	L6 AR-1254-5	7.874	6.919	63868305	53184979	426.431	346.851
31)	L7 AR-1260-1	7.332	6.403	42540940	36380742	347.632	329.441
32)	L7 AR-1260-2	7.588	6.591	50858868	44101157	357.069	331.533
33)	L7 AR-1260-3	7.948	6.745	30908119	40756366	376.043	331.211
34)	L7 AR-1260-4	8.179	7.216	38699911	28823421	361.382	340.703
35)	L7 AR-1260-5	8.508	7.455	73612118	69874503	357.393	340.331
36)	L8 AR-1262-1	7.948	6.954	30908119	30130031	164.103	180.678
37)	L8 AR-1262-2	8.508	7.455	73612118	69874503	217.851	234.571
38)	L8 AR-1262-3	8.846	7.737	46385884	13304138	216.071	119.915 #
39)	L8 AR-1262-4	8.901	7.803	25060625	51311441	160.482	240.668 #
40)	L8 AR-1262-5	9.596	8.305	16712092	14101724	151.169	151.630
41)	L9 AR-1268-1	8.846	7.737	46385884	13304138	89.462	29.732 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.901	7.803	25060625	51311441	53.093	125.074 #
44) L9	AR-1268-4	9.596	8.305	16712092	14101724	95.105	97.699
45) L9	AR-1268-5	10.022	8.606	4705226	3363278	3.549	3.105

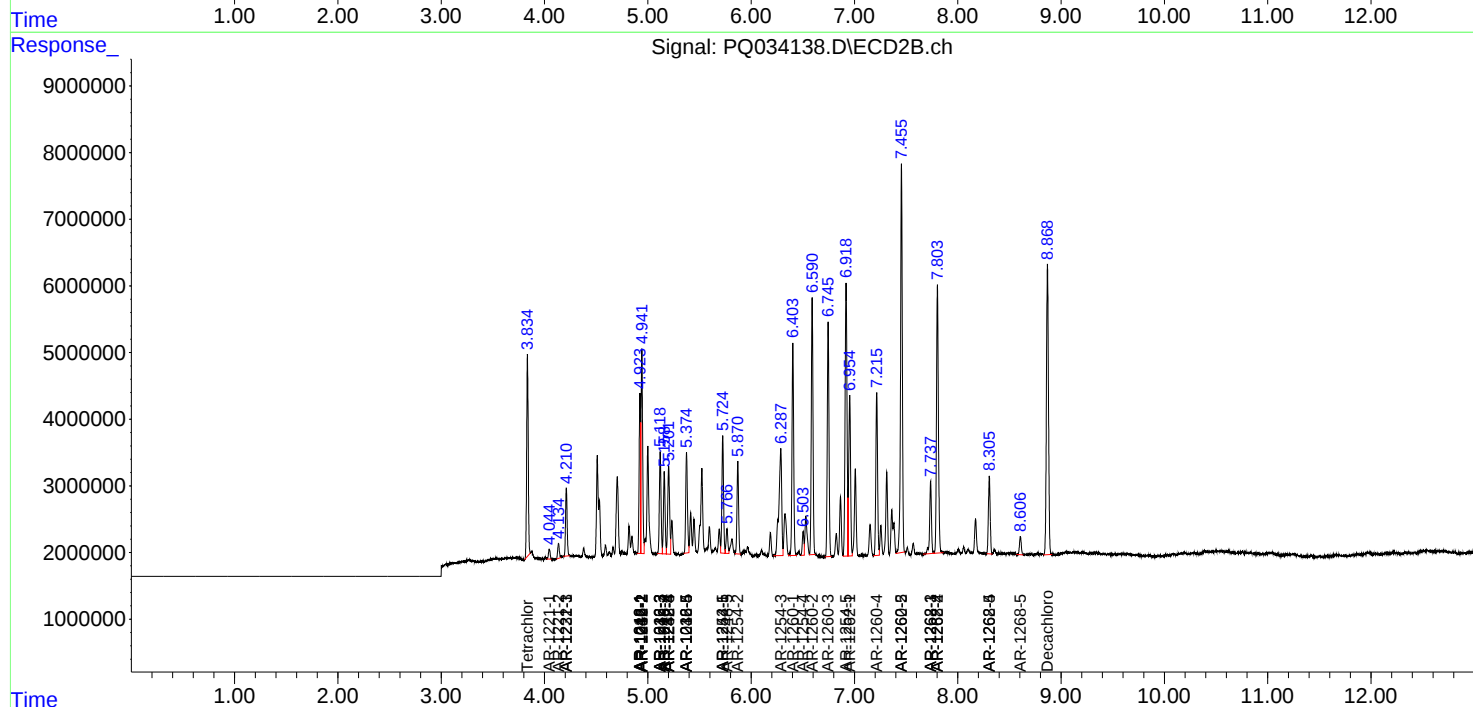
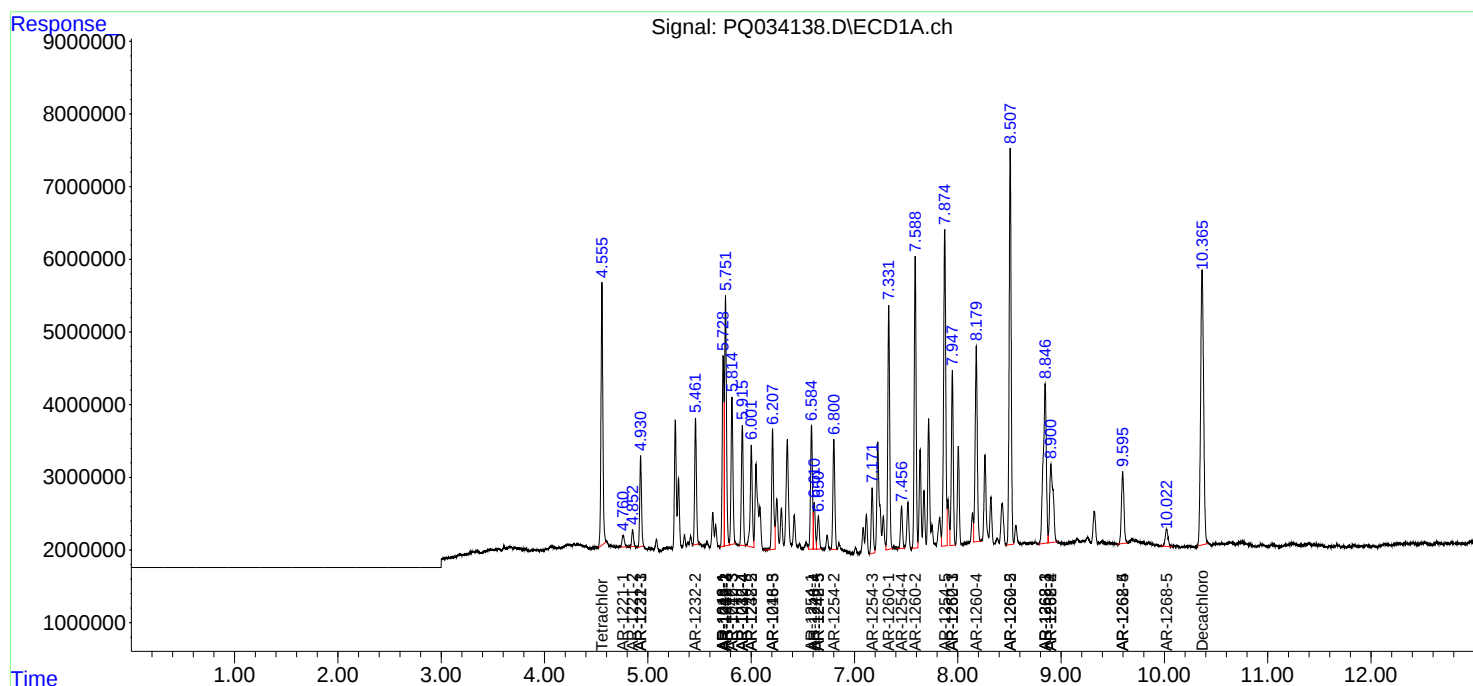
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

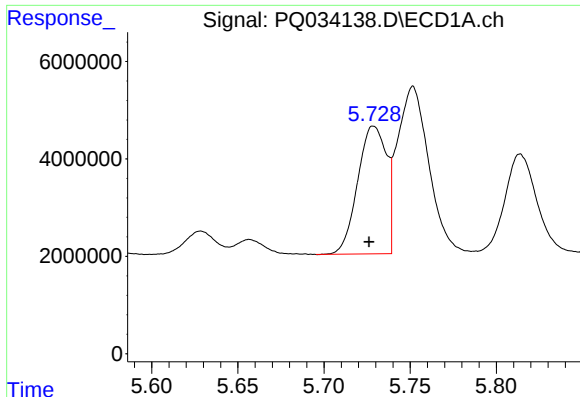
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Volume Inj. : 1 µl
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

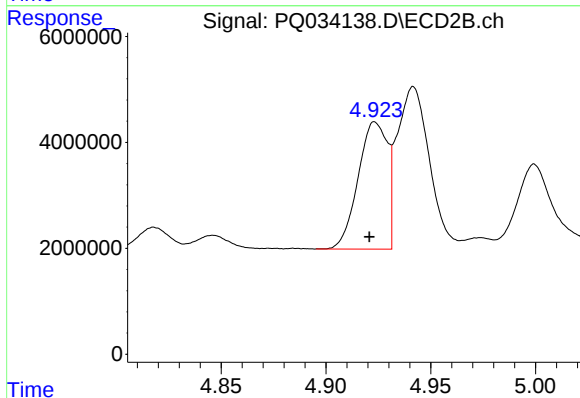




#3 AR-1016-1

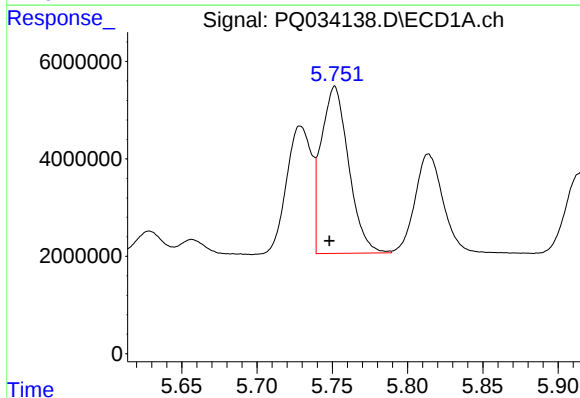
R.T.: 5.728 min
Delta R.T.: 0.002 min
Response: 30487324
Conc: 326.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



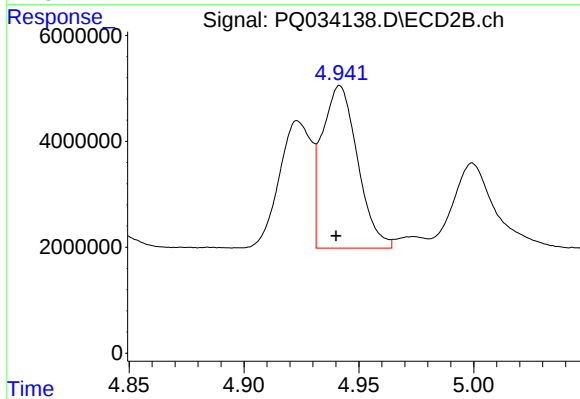
#3 AR-1016-1

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 23331631
Conc: 304.81 ng/ml



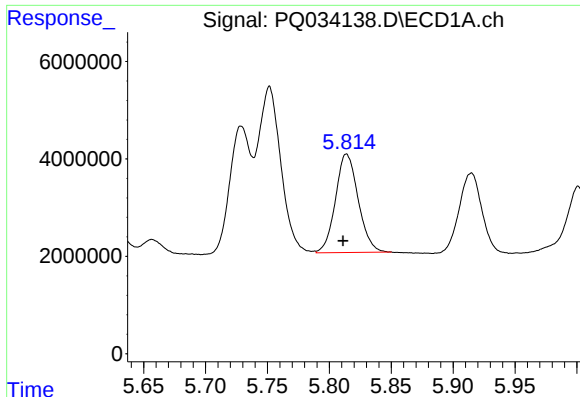
#4 AR-1016-2

R.T.: 5.752 min
Delta R.T.: 0.003 min
Response: 43507461
Conc: 312.69 ng/ml



#4 AR-1016-2

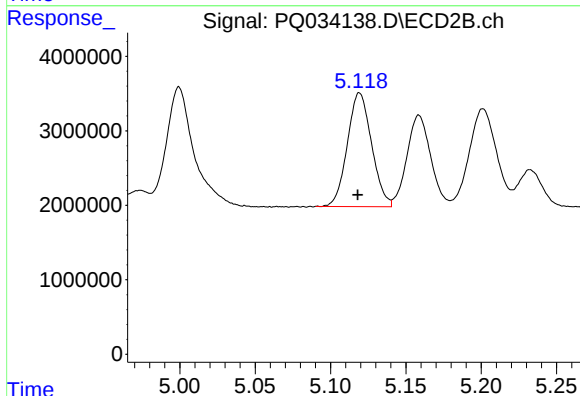
R.T.: 4.942 min
Delta R.T.: 0.002 min
Response: 32970343
Conc: 312.11 ng/ml



#5 AR-1016-3

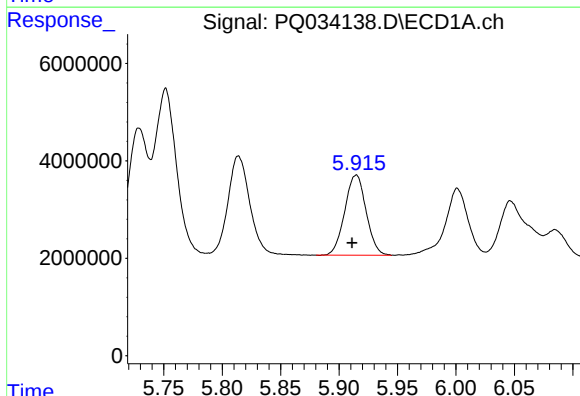
R.T.: 5.814 min
Delta R.T.: 0.003 min
Response: 25885362
Conc: 320.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



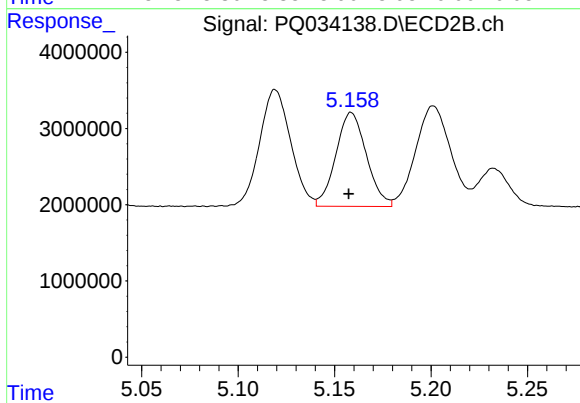
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: 0.001 min
Response: 17112367
Conc: 314.40 ng/ml



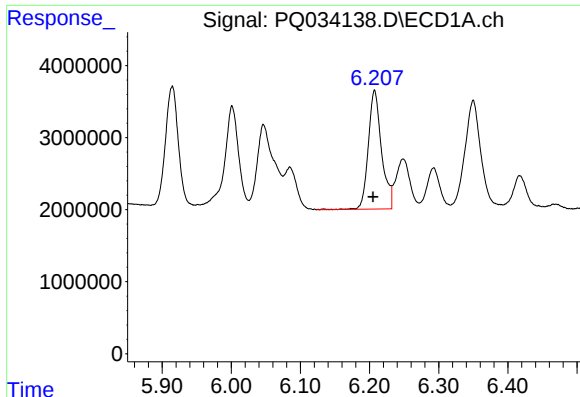
#6 AR-1016-4

R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 20932574
Conc: 328.42 ng/ml



#6 AR-1016-4

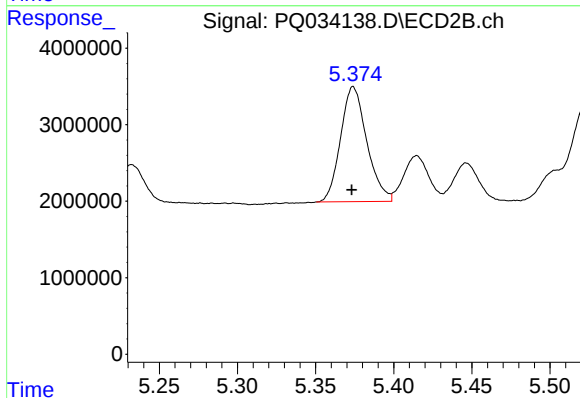
R.T.: 5.159 min
Delta R.T.: 0.001 min
Response: 13574244
Conc: 315.60 ng/ml



#7 AR-1016-5

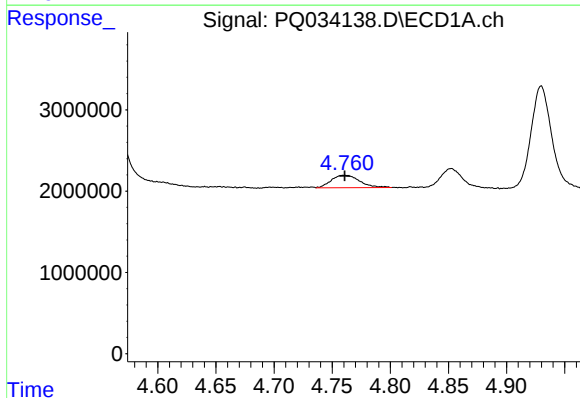
R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 21948637
Conc: 340.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



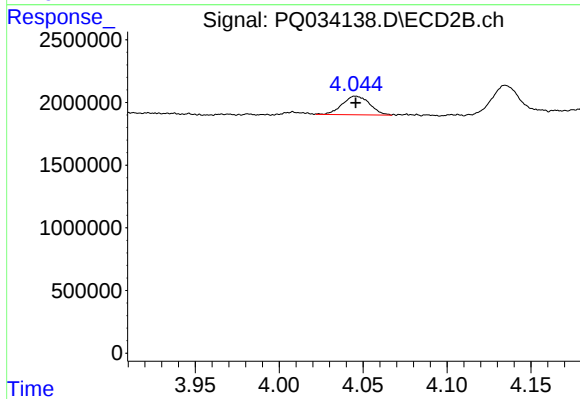
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 17575998
Conc: 316.62 ng/ml



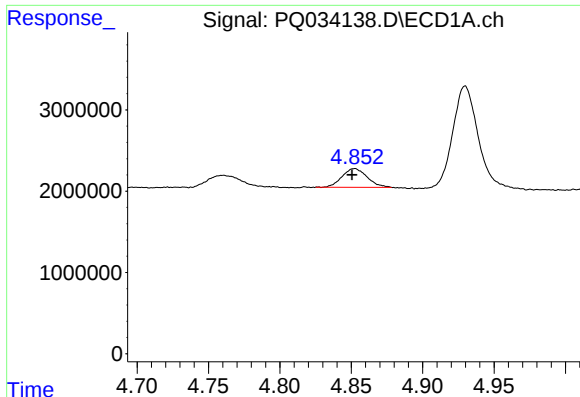
#8 AR-1221-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 2577103
Conc: 81.89 ng/ml



#8 AR-1221-1

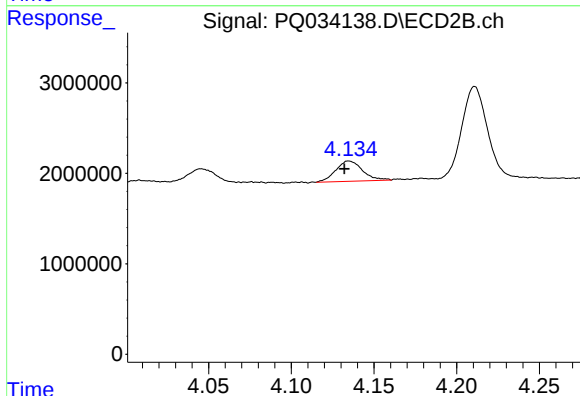
R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 1684613
Conc: 76.43 ng/ml



#9 AR-1221-2

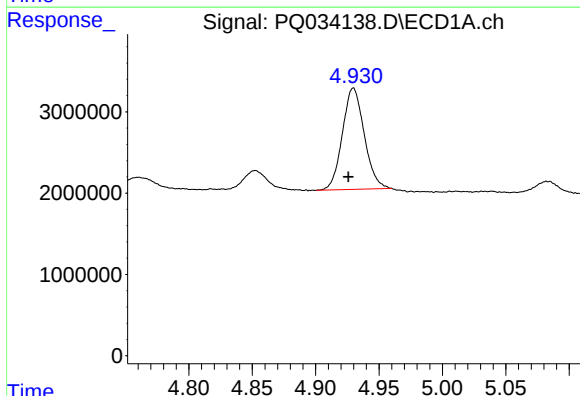
R.T.: 4.853 min
Delta R.T.: 0.002 min
Response: 2818273
Conc: 145.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



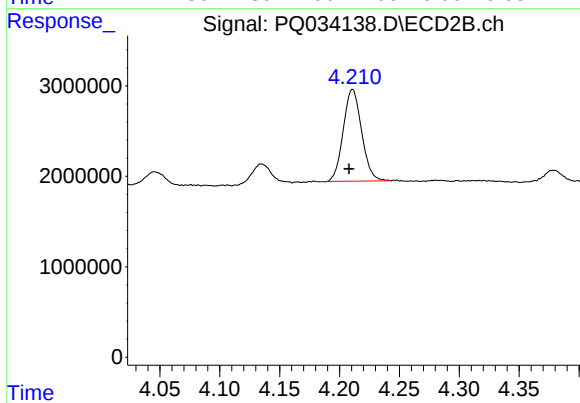
#9 AR-1221-2

R.T.: 4.135 min
Delta R.T.: 0.003 min
Response: 2542355
Conc: 166.07 ng/ml



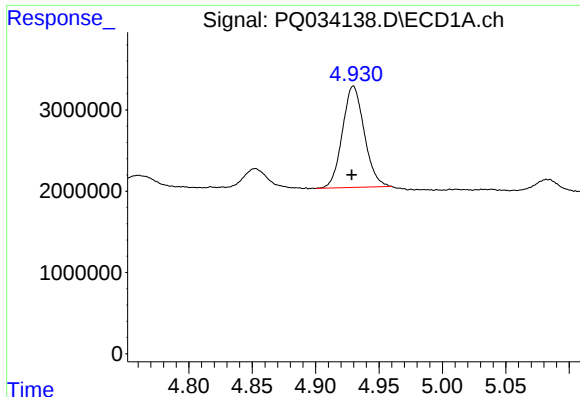
#10 AR-1221-3

R.T.: 4.930 min
Delta R.T.: 0.004 min
Response: 14981738
Conc: 205.38 ng/ml



#10 AR-1221-3

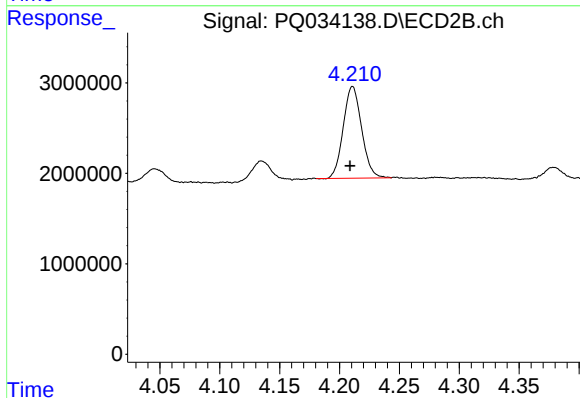
R.T.: 4.211 min
Delta R.T.: 0.003 min
Response: 10826949
Conc: 198.16 ng/ml



#11 AR-1232-1

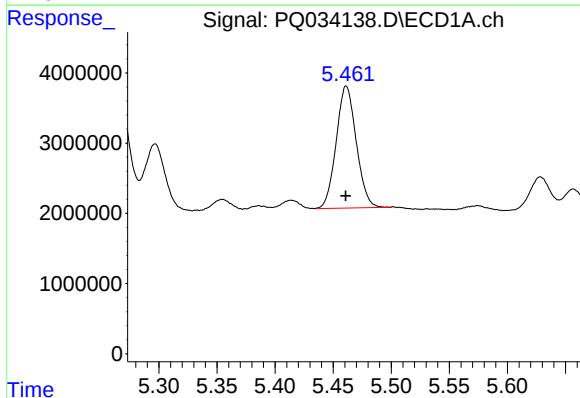
R.T.: 4.930 min
Delta R.T.: 0.001 min
Response: 14981738
Conc: 263.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



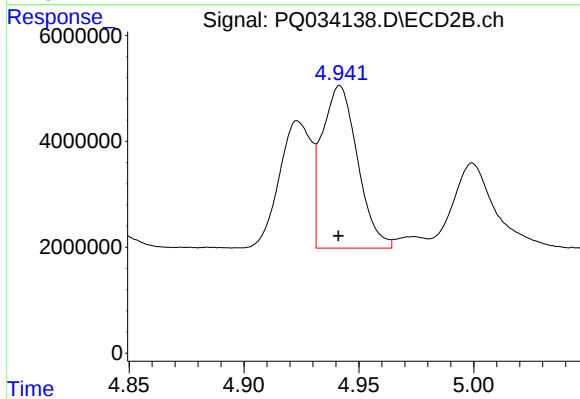
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: 0.002 min
Response: 10826949
Conc: 253.55 ng/ml



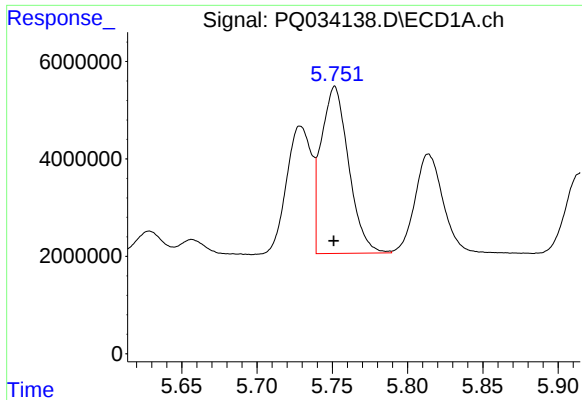
#12 AR-1232-2

R.T.: 5.461 min
Delta R.T.: 0.000 min
Response: 20881401
Conc: 716.03 ng/ml



#12 AR-1232-2

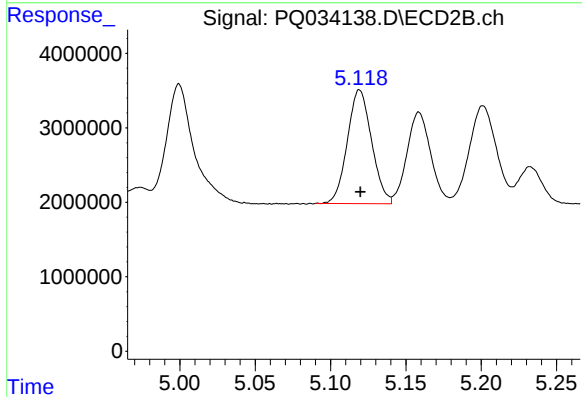
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 32970343
Conc: 681.21 ng/ml



#13 AR-1232-3

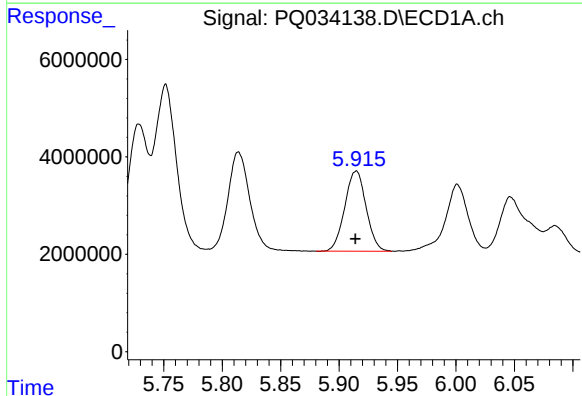
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 43507461
Conc: 691.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



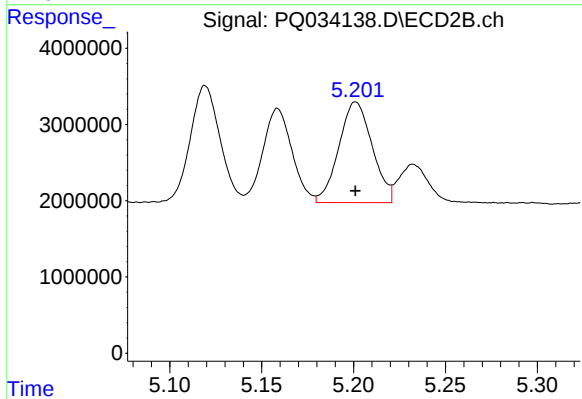
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 17112367
Conc: 708.59 ng/ml



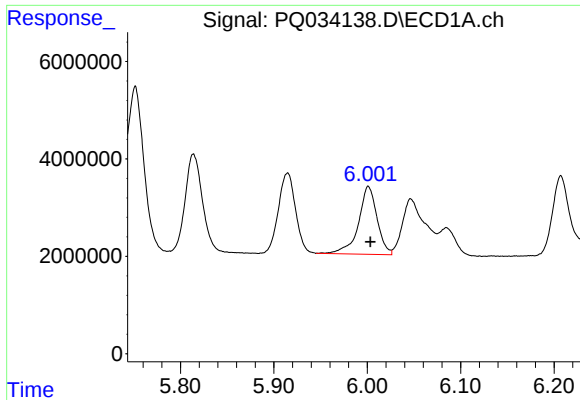
#14 AR-1232-4

R.T.: 5.915 min
Delta R.T.: 0.001 min
Response: 20932574
Conc: 700.25 ng/ml



#14 AR-1232-4

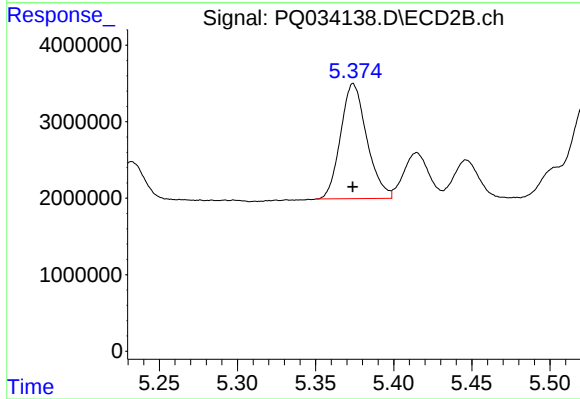
R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 16724849
Conc: 802.99 ng/ml



#15 AR-1232-5

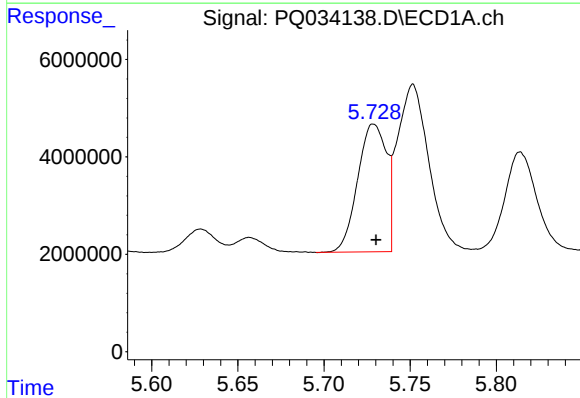
R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 19300623
Conc: 839.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



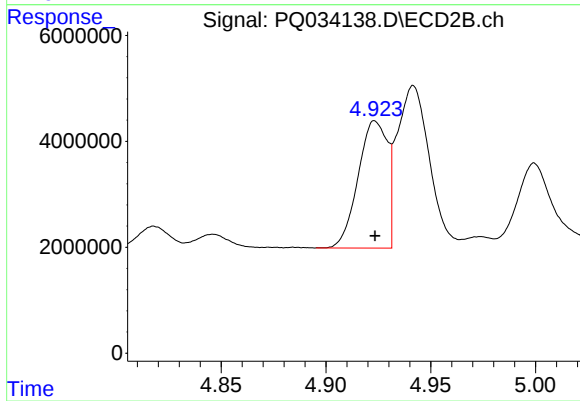
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 17575998
Conc: 759.27 ng/ml



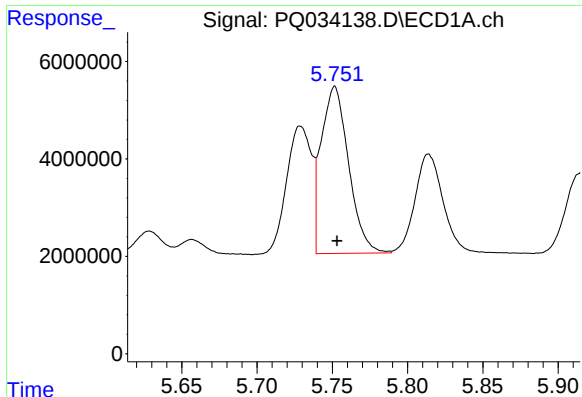
#16 AR-1242-1

R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 30487324
Conc: 371.45 ng/ml



#16 AR-1242-1

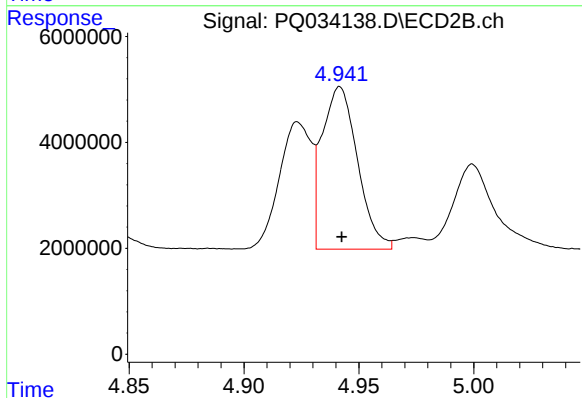
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 23331631
Conc: 368.59 ng/ml



#17 AR-1242-2

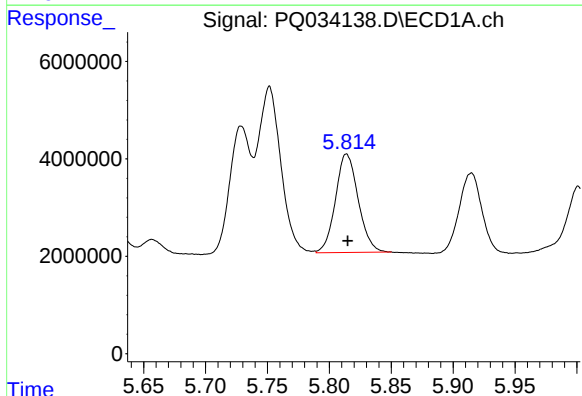
R.T.: 5.752 min
Delta R.T.: -0.002 min
Response: 43507461
Conc: 356.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



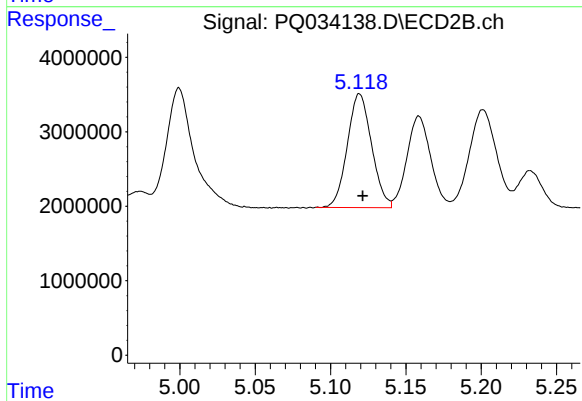
#17 AR-1242-2

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 32970343
Conc: 361.07 ng/ml



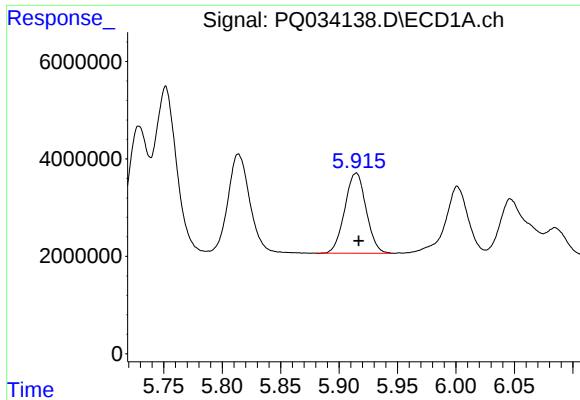
#18 AR-1242-3

R.T.: 5.814 min
Delta R.T.: -0.001 min
Response: 25885362
Conc: 364.34 ng/ml



#18 AR-1242-3

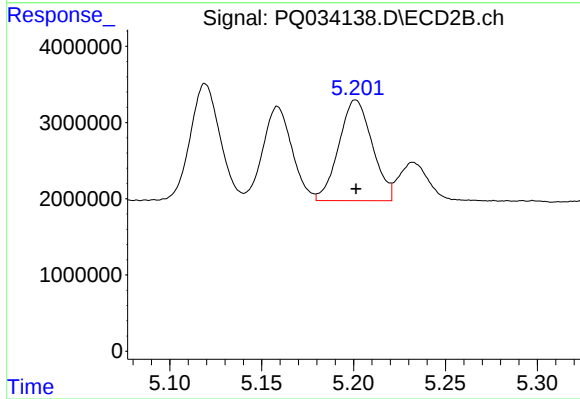
R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 17112367
Conc: 363.80 ng/ml



#19 AR-1242-4

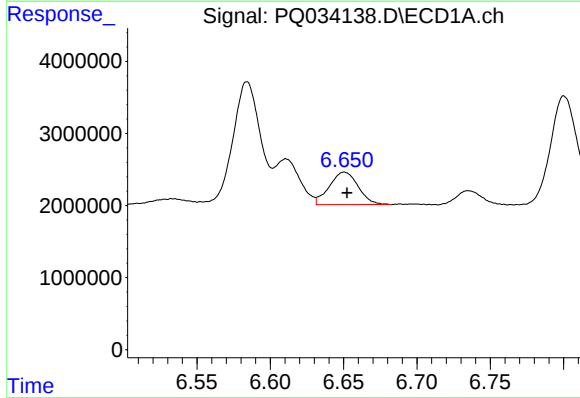
R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 20932574
Conc: 355.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



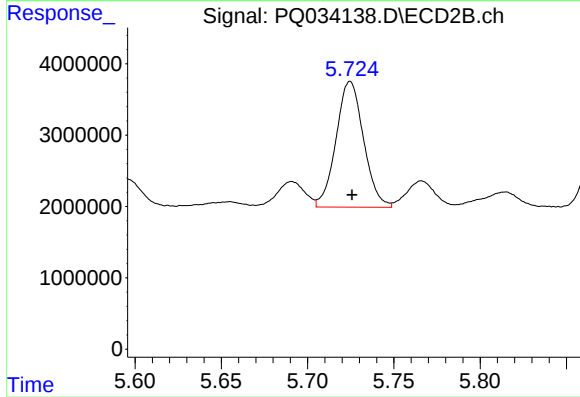
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 16724849
Conc: 363.00 ng/ml



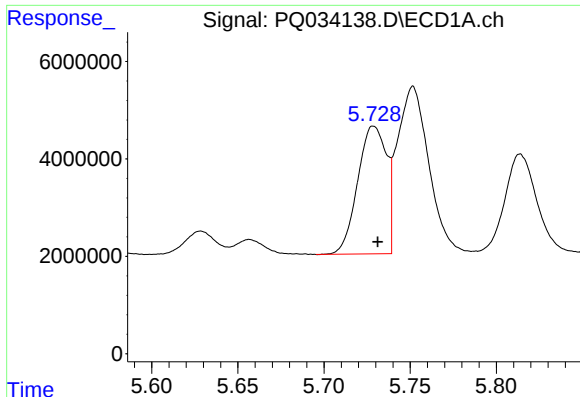
#20 AR-1242-5

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 6176385
Conc: 97.00 ng/ml



#20 AR-1242-5

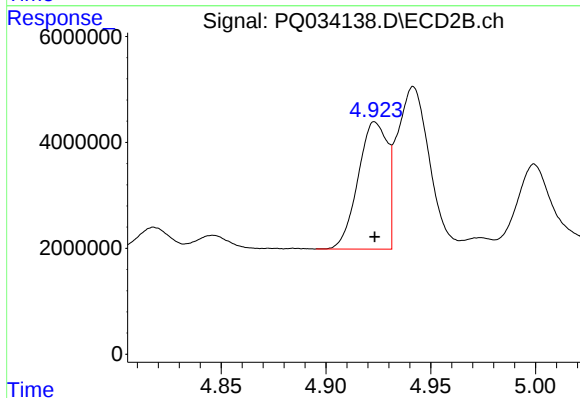
R.T.: 5.725 min
Delta R.T.: -0.001 min
Response: 19583582
Conc: 332.54 ng/ml



#21 AR-1248-1

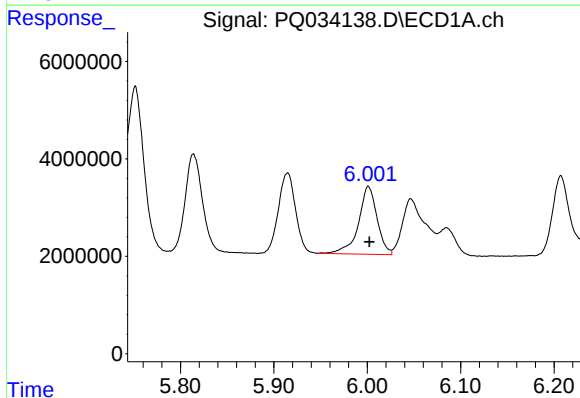
R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 30487324
Conc: 490.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



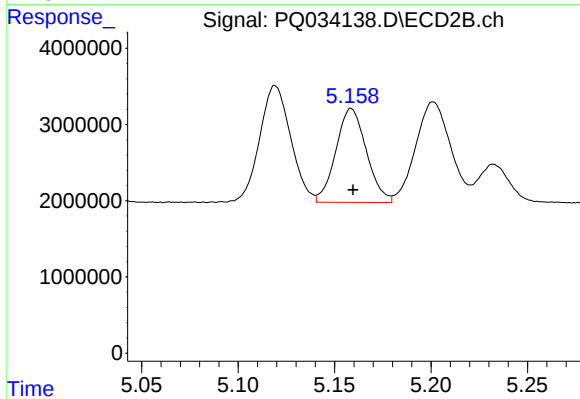
#21 AR-1248-1

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 23331631
Conc: 488.52 ng/ml



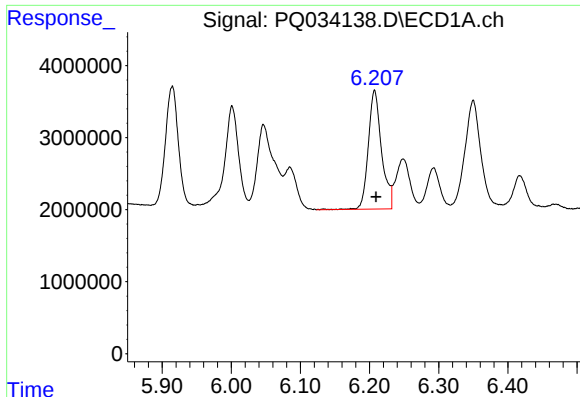
#22 AR-1248-2

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 19300623
Conc: 231.18 ng/ml



#22 AR-1248-2

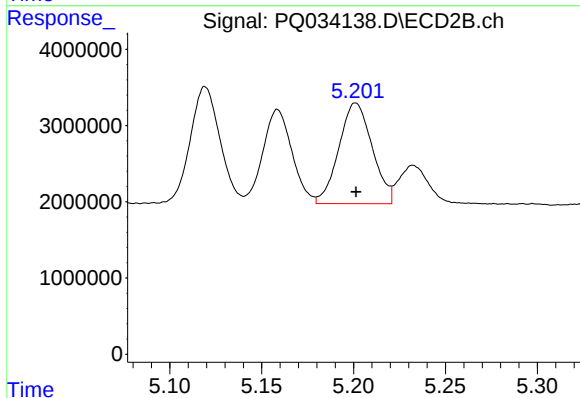
R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 13574244
Conc: 218.08 ng/ml



#23 AR-1248-3

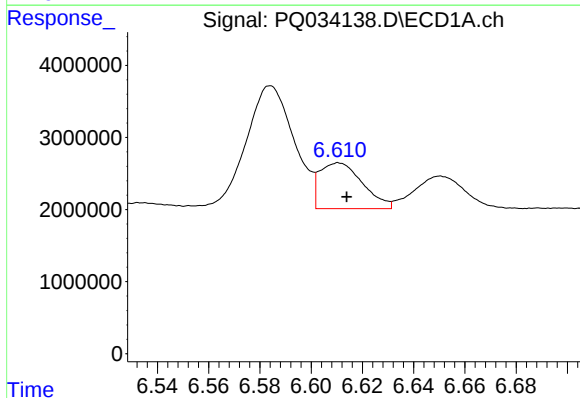
R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 21948637
Conc: 218.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



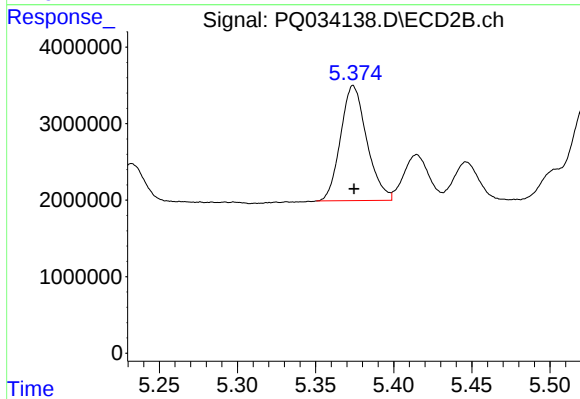
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 16724849
Conc: 263.03 ng/ml



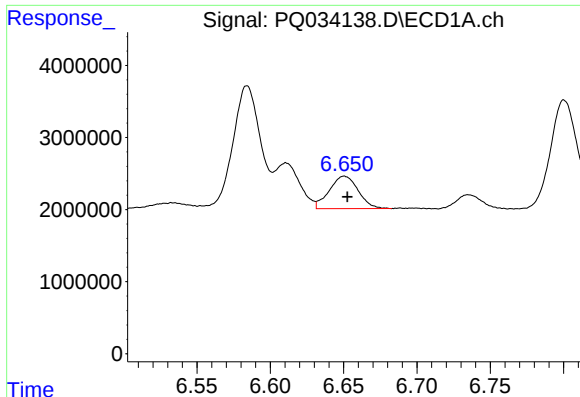
#24 AR-1248-4

R.T.: 6.611 min
Delta R.T.: -0.003 min
Response: 7405527
Conc: 67.57 ng/ml



#24 AR-1248-4

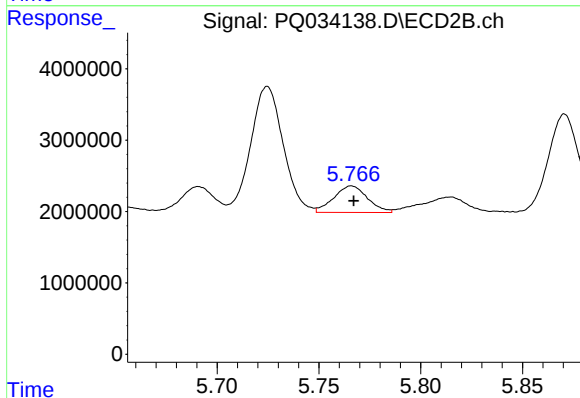
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 17575998
Conc: 224.70 ng/ml



#25 AR-1248-5

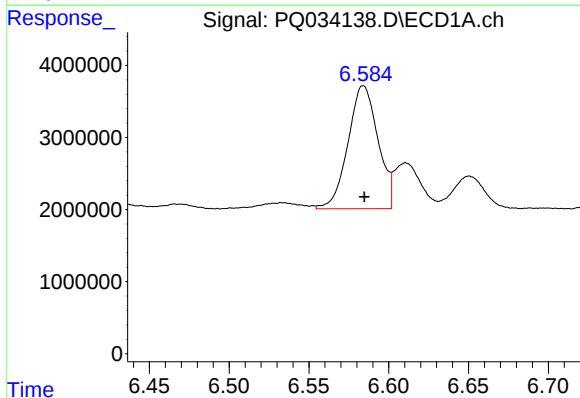
R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 6176385
Conc: 60.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



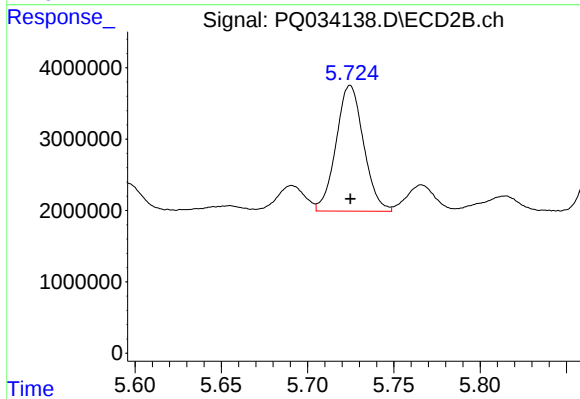
#25 AR-1248-5

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 4297058
Conc: 56.27 ng/ml



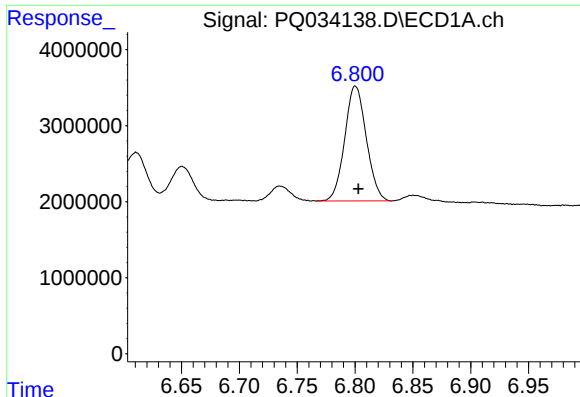
#26 AR-1254-1

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 22336310
Conc: 189.15 ng/ml



#26 AR-1254-1

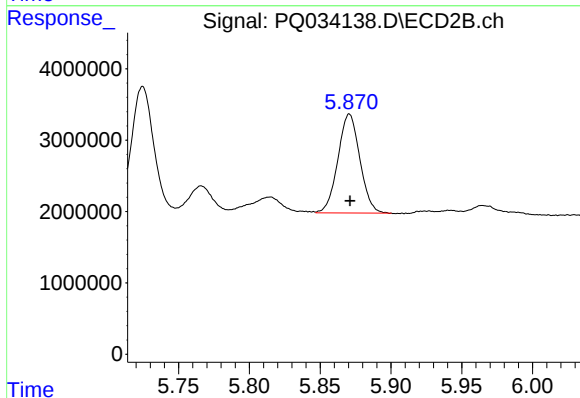
R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 19583582
Conc: 152.91 ng/ml



#27 AR-1254-2

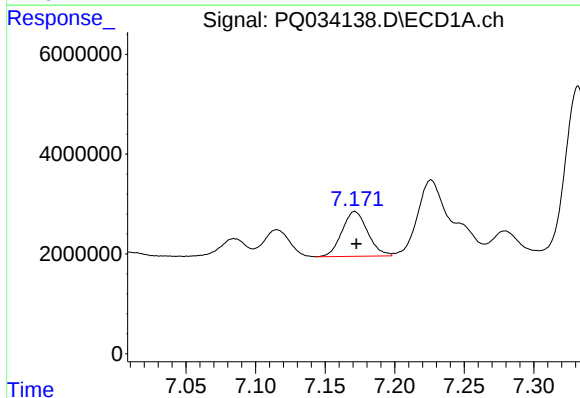
R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 19664194
Conc: 106.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



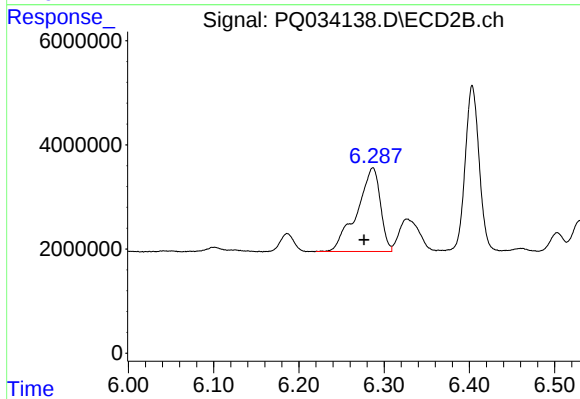
#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 14981972
Conc: 140.07 ng/ml



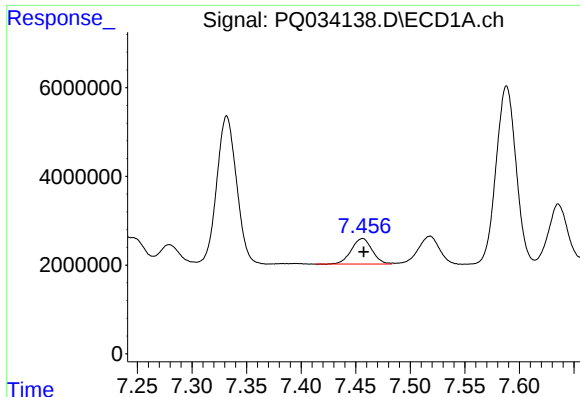
#28 AR-1254-3

R.T.: 7.171 min
Delta R.T.: -0.001 min
Response: 11520785
Conc: 58.36 ng/ml



#28 AR-1254-3

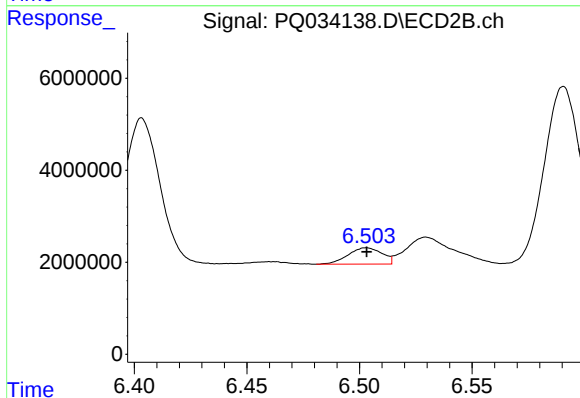
R.T.: 6.287 min
Delta R.T.: 0.010 min
Response: 30653438
Conc: 168.38 ng/ml



#29 AR-1254-4

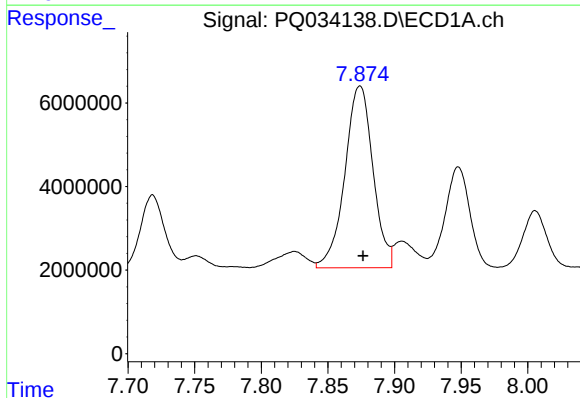
R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 7659570
Conc: 53.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



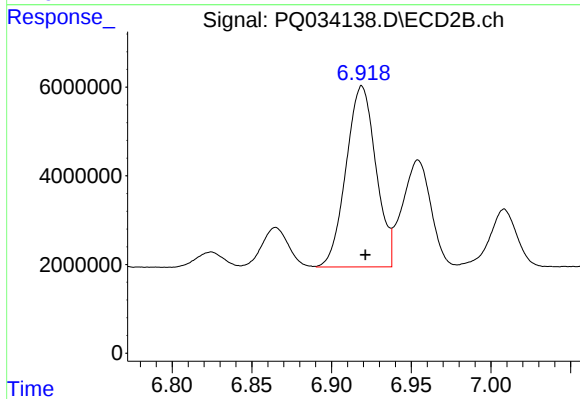
#29 AR-1254-4

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 3724227
Conc: 32.25 ng/ml



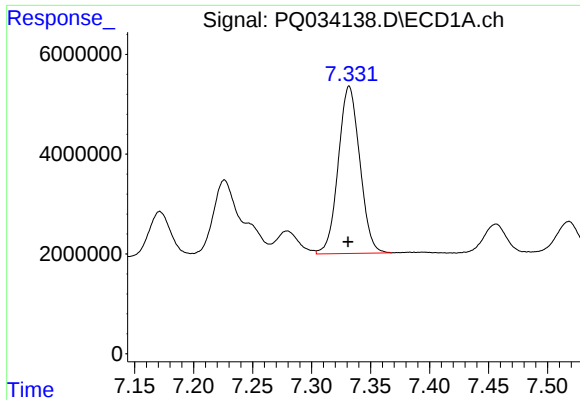
#30 AR-1254-5

R.T.: 7.874 min
Delta R.T.: -0.002 min
Response: 63868305
Conc: 426.43 ng/ml



#30 AR-1254-5

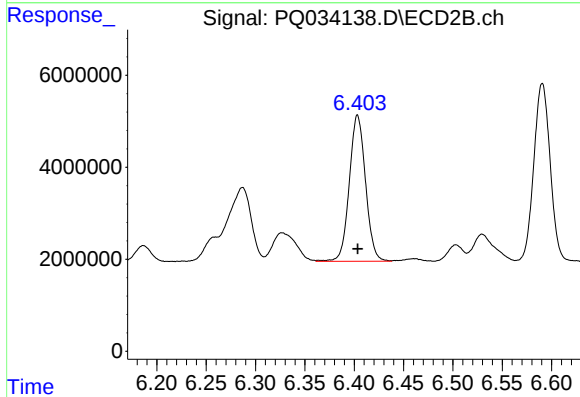
R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 53184979
Conc: 346.85 ng/ml



#31 AR-1260-1

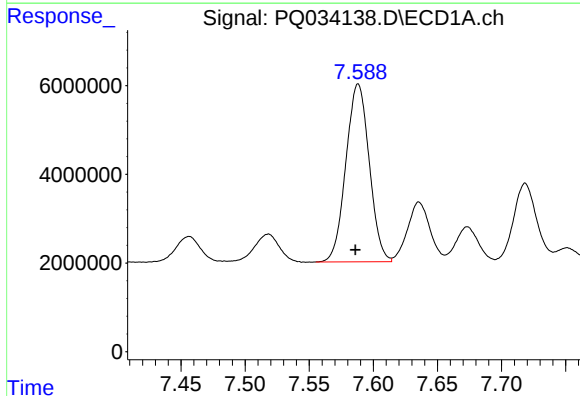
R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 42540940
Conc: 347.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



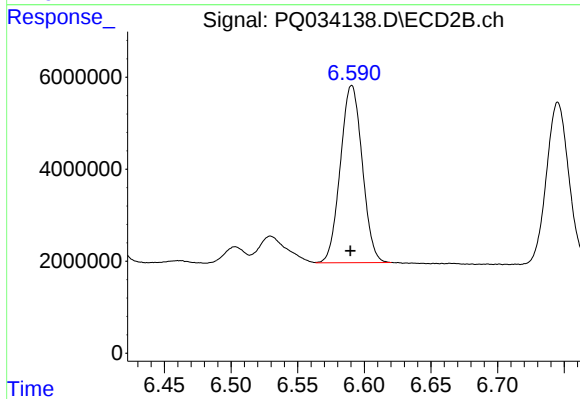
#31 AR-1260-1

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 36380742
Conc: 329.44 ng/ml



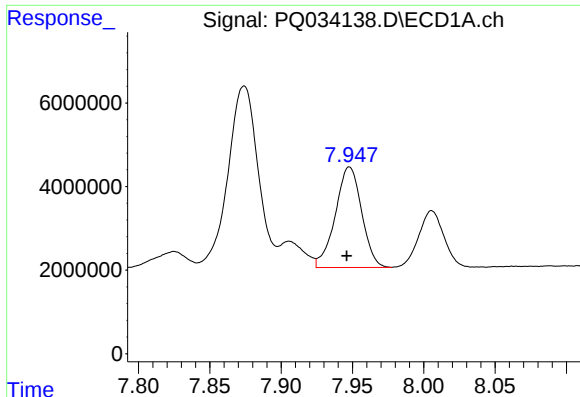
#32 AR-1260-2

R.T.: 7.588 min
Delta R.T.: 0.002 min
Response: 50858868
Conc: 357.07 ng/ml



#32 AR-1260-2

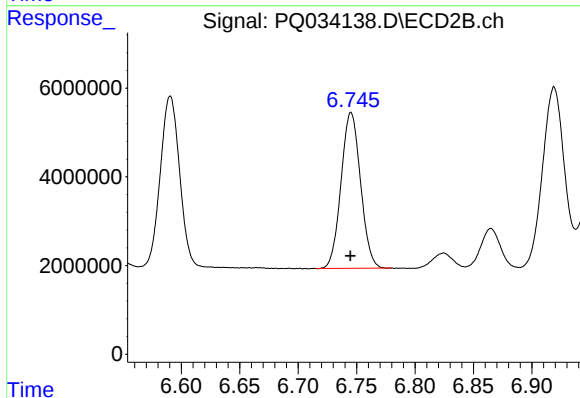
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 44101157
Conc: 331.53 ng/ml



#33 AR-1260-3

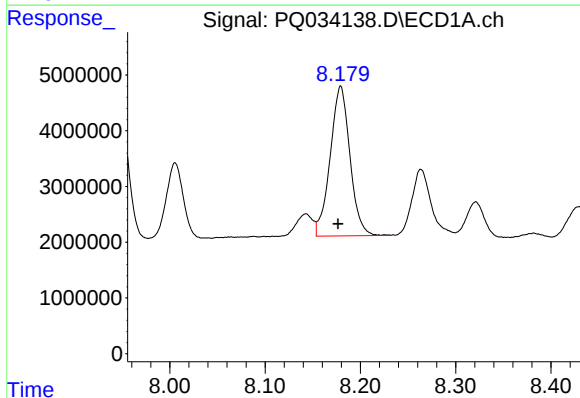
R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 30908119
Conc: 376.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



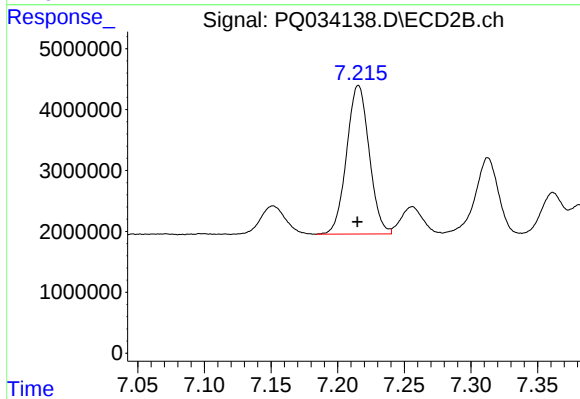
#33 AR-1260-3

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 40756366
Conc: 331.21 ng/ml



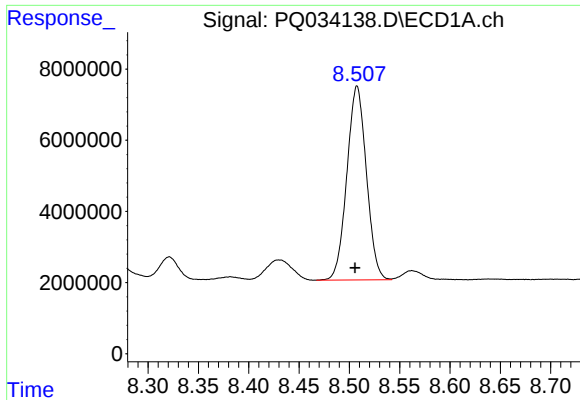
#34 AR-1260-4

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 38699911
Conc: 361.38 ng/ml



#34 AR-1260-4

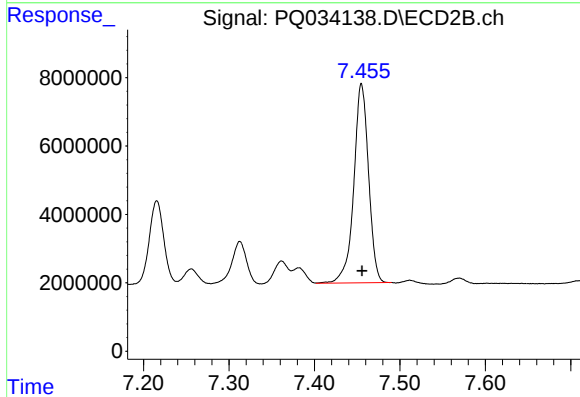
R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 28823421
Conc: 340.70 ng/ml



#35 AR-1260-5

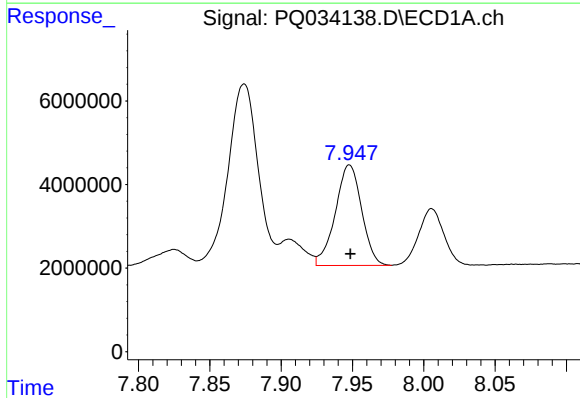
R.T.: 8.508 min
Delta R.T.: 0.002 min
Response: 73612118
Conc: 357.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



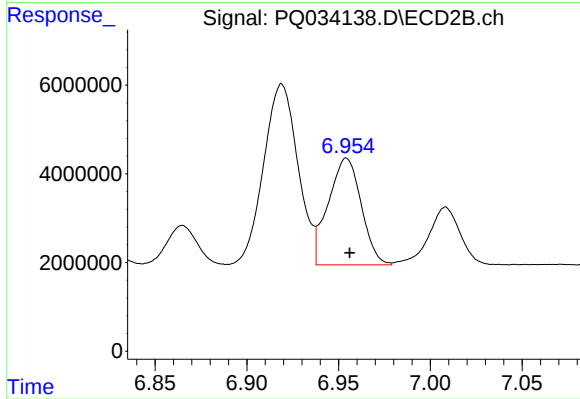
#35 AR-1260-5

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 69874503
Conc: 340.33 ng/ml



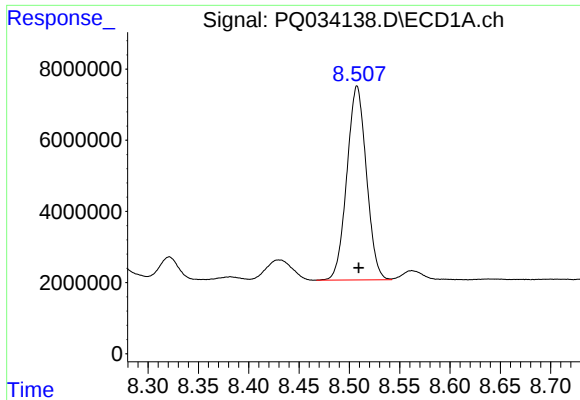
#36 AR-1262-1

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 30908119
Conc: 164.10 ng/ml



#36 AR-1262-1

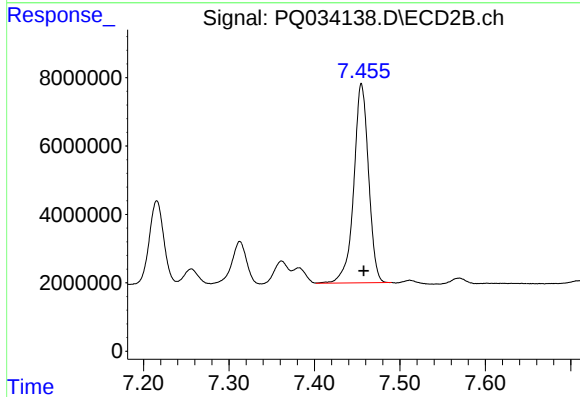
R.T.: 6.954 min
Delta R.T.: -0.002 min
Response: 30130031
Conc: 180.68 ng/ml



#37 AR-1262-2

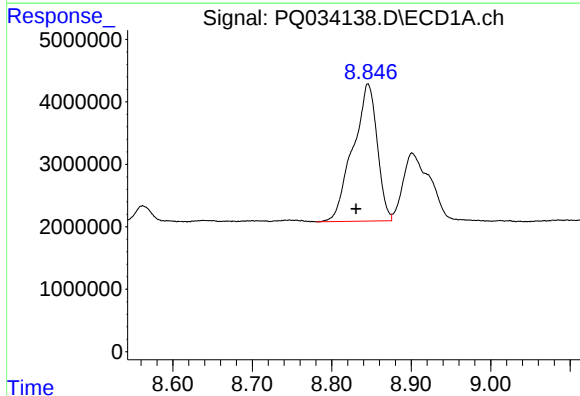
R.T.: 8.508 min
Delta R.T.: -0.002 min
Response: 73612118
Conc: 217.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



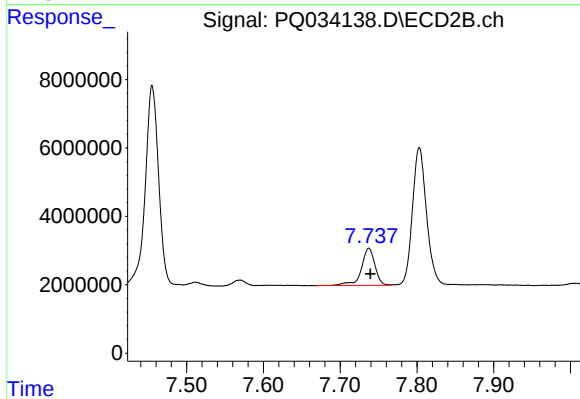
#37 AR-1262-2

R.T.: 7.455 min
Delta R.T.: -0.003 min
Response: 69874503
Conc: 234.57 ng/ml



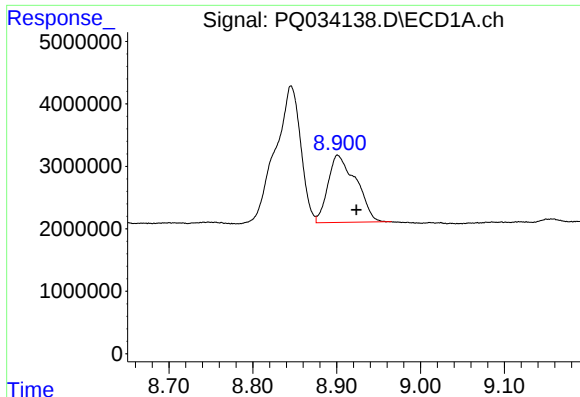
#38 AR-1262-3

R.T.: 8.846 min
Delta R.T.: 0.015 min
Response: 46385884
Conc: 216.07 ng/ml



#38 AR-1262-3

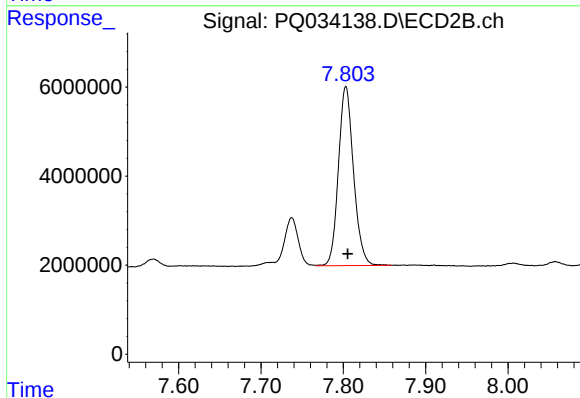
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 13304138
Conc: 119.91 ng/ml



#39 AR-1262-4

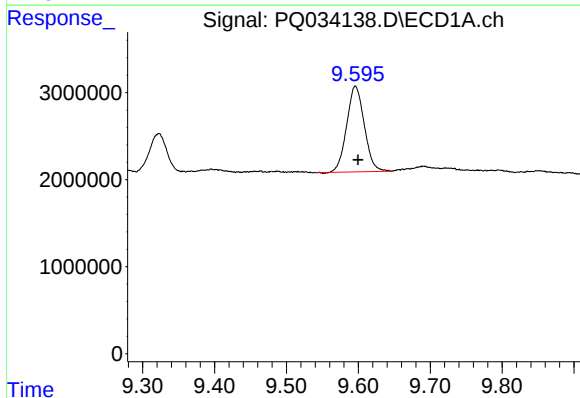
R.T.: 8.901 min
Delta R.T.: -0.022 min
Response: 25060625
Conc: 160.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



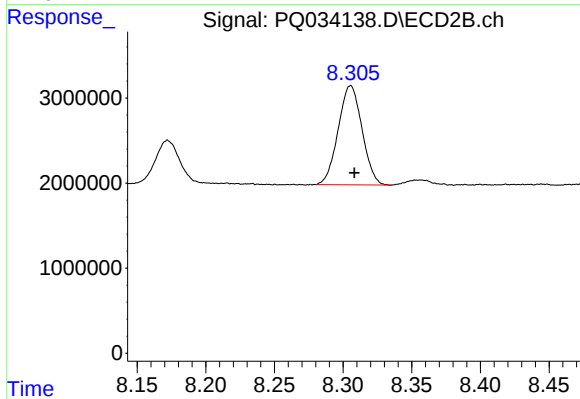
#39 AR-1262-4

R.T.: 7.803 min
Delta R.T.: -0.002 min
Response: 51311441
Conc: 240.67 ng/ml



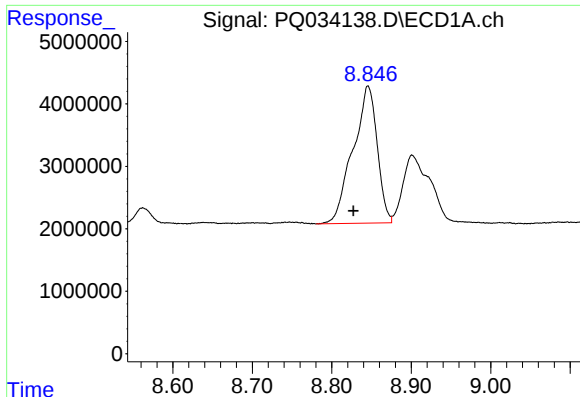
#40 AR-1262-5

R.T.: 9.596 min
Delta R.T.: -0.004 min
Response: 16712092
Conc: 151.17 ng/ml



#40 AR-1262-5

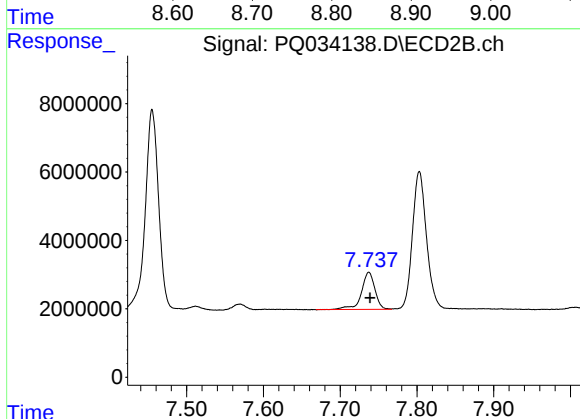
R.T.: 8.305 min
Delta R.T.: -0.003 min
Response: 14101724
Conc: 151.63 ng/ml



#41 AR-1268-1

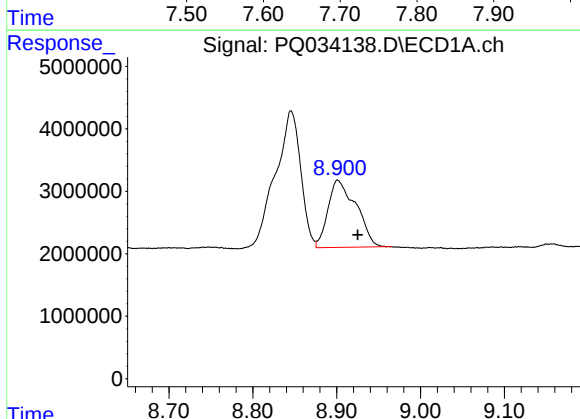
R.T.: 8.846 min
Delta R.T.: 0.018 min
Response: 46385884
Conc: 89.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



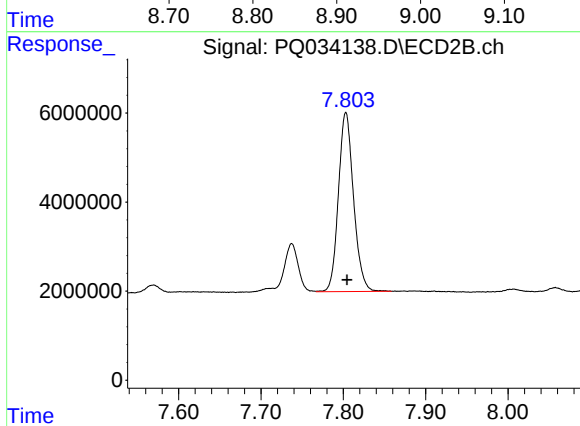
#41 AR-1268-1

R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 13304138
Conc: 29.73 ng/ml



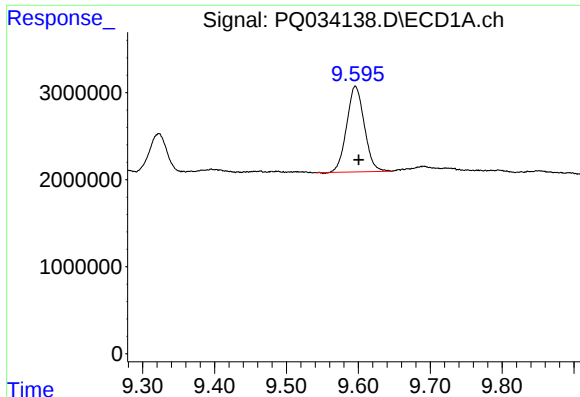
#42 AR-1268-2

R.T.: 8.901 min
Delta R.T.: -0.024 min
Response: 25060625
Conc: 53.09 ng/ml



#42 AR-1268-2

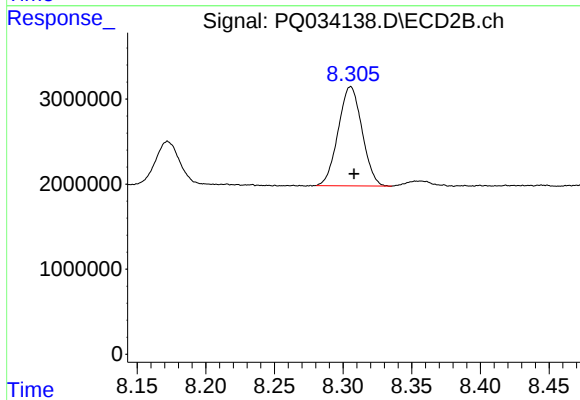
R.T.: 7.803 min
Delta R.T.: -0.002 min
Response: 51311441
Conc: 125.07 ng/ml



#44 AR-1268-4

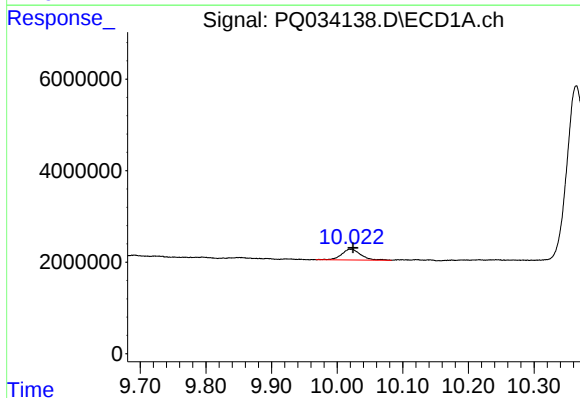
R.T.: 9.596 min
Delta R.T.: -0.005 min
Response: 16712092
Conc: 95.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



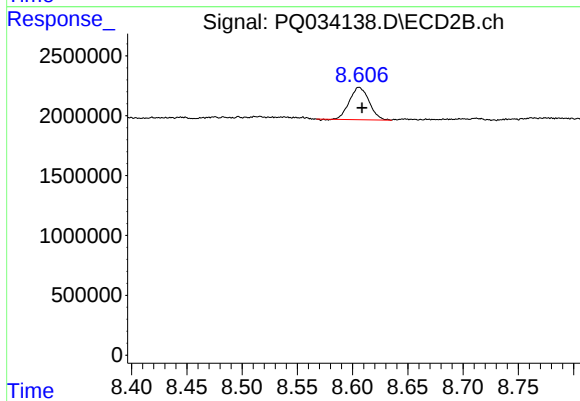
#44 AR-1268-4

R.T.: 8.305 min
Delta R.T.: -0.003 min
Response: 14101724
Conc: 97.70 ng/ml



#45 AR-1268-5

R.T.: 10.022 min
Delta R.T.: -0.002 min
Response: 4705226
Conc: 3.55 ng/ml



#45 AR-1268-5

R.T.: 8.606 min
Delta R.T.: -0.003 min
Response: 3363278
Conc: 3.10 ng/ml