

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082518\
 Data File : PQ031413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2018 19:12
 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: Aug 24 22:44:48 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 13 07:57:53 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...	4.600	3.880	40225969	35715785	20.235	18.380
2)	SA Decachlor...	10.455	8.964	92696132	84997469	46.611	38.563
Target Compounds							
3)	L1 AR-1016-1	5.313	4.565	20083415	27059044	405.894	540.193 #
4)	L1 AR-1016-2	5.510	5.001	21191070	40911736	425.549	562.589 #
5)	L1 AR-1016-3	5.778	5.001	30633904	40911736	429.543	378.717
6)	L1 AR-1016-4	5.864	5.058	29268793	25938811	434.999	361.615
7)	L1 AR-1016-5	6.258	5.436	24383390	22780631	428.946	356.862
8)	L2 AR-1221-1	4.804	4.096	2194337	2629386	96.240	112.812
9)	L2 AR-1221-2	4.898	4.185	3132968	2690511	162.163	150.482
10)	L2 AR-1221-3	4.976	4.262	14336215	13276348	242.615	211.562
11)	L3 AR-1232-1	5.801	4.760	46350319	18870053	1028.738	867.830
12)	L3 AR-1232-2	5.964	5.001	22875249	40911736	999.218	995.378
13)	L3 AR-1232-3	6.051	5.261	20214047	20064359	1389.658	1159.690
14)	L3 AR-1232-4	6.662	5.659	8615477	5533259	271.263	343.417 #
15)	L3 AR-1232-5	6.701	5.830	7456461	5912184	255.656	277.716
16)	L4 AR-1242-1	5.343	4.565	12115037	27059044	569.305	1264.161 #
17)	L4 AR-1242-2	6.097	5.180	21600292	20432365	583.490	488.840
18)	L4 AR-1242-3	6.300	5.218	10779036	16084398	576.131	490.810
19)	L4 AR-1242-4	6.343	6.006	8126423	1977313	593.309	47.902 #
20)	L4 AR-1242-5	6.399	6.032	25732606	3489563	550.597	99.449 #
21)	L5 AR-1248-1	6.051	5.218	20214047	16084398	312.320	237.527
22)	L5 AR-1248-2	6.634	5.789	23775783	23449460	341.104	171.881 #
23)	L5 AR-1248-3	6.662	5.830	8615477	5912184	94.836	63.839 #
24)	L5 AR-1248-4	6.701	6.006	7456461	1977313	85.602	24.784 #
25)	L5 AR-1248-5	6.852	6.355	20790933	41785087	360.990	578.695 #
26)	L6 AR-1254-1	6.852	5.934	20790933	17725767	130.035	125.107
27)	L6 AR-1254-2	7.137	6.253	3273527	4173884	33.272	34.905
28)	L6 AR-1254-3	7.223	6.570	11145205	3403276	62.334	19.141 #
29)	L6 AR-1254-4	7.507	6.896	7915476	6133257	60.555	57.216
30)	L6 AR-1254-5	7.770	6.989	30924599	70844348	308.373	321.120
31)	L7 AR-1260-1	7.385	6.472	55912887	51478839	446.373	346.139
32)	L7 AR-1260-2	7.640	6.657	68368774	63615478	452.899	356.959
33)	L7 AR-1260-3	7.925	6.814	80731696	55312292	449.380	321.761 #
34)	L7 AR-1260-4	8.233	7.287	57685748	49138080	447.006	355.311
35)	L7 AR-1260-5	8.565	7.525	114.6E6	117.9E6	444.811	368.513
36)	L8 AR-1262-1	7.279	6.355	35292545	41785087	443.483	350.419
37)	L8 AR-1262-2	8.058	7.078	26319836	25815947	357.586	269.325
38)	L8 AR-1262-3	8.318	7.385	28031923	26200569	317.677	272.172
39)	L8 AR-1262-4	8.964	7.811	41627353	27450711	275.553	162.145 #
40)	L8 AR-1262-5	9.670	8.382	26152067	16303624	262.267	142.552 #
41)	L9 AR-1268-1	8.000	7.024	50319477	51515631	686.563	586.886

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082518\
Data File : PQ031413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2018 19:12
Operator : SM\SJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

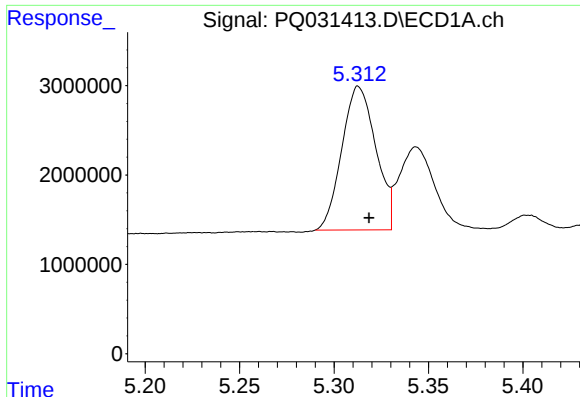
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 22:44:48 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080918CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 13 07:57:53 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
42)	L9 AR-1268-2	8.233	7.875	57685748	86679239	582.525	181.265 #
43)	L9 AR-1268-3	8.907	8.084	70611982	2264414	167.243	5.791 #
44)	L9 AR-1268-4	9.224	8.178	2469858	1315624	7.796	13.469 #
45)	L9 AR-1268-5	10.101	8.691	7931994	6316747	8.862	5.795 #

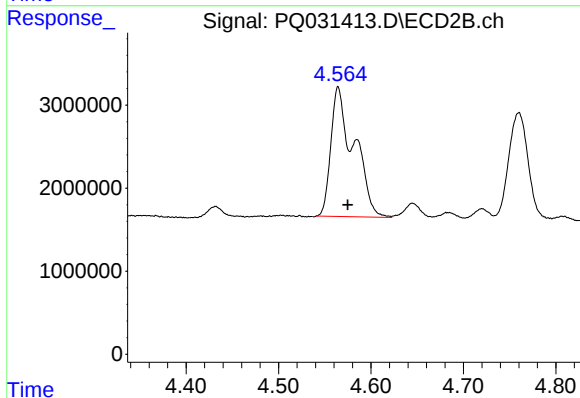
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

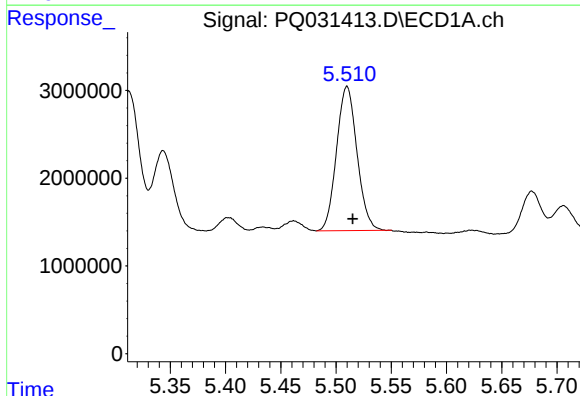
R.T.: 5.313 min
Delta R.T.: -0.006 min
Response: 20083415
Conc: 405.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



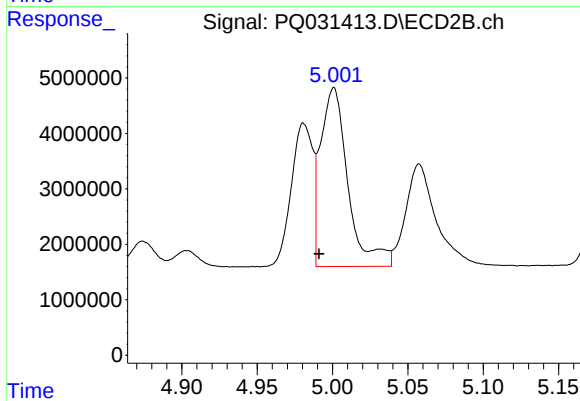
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.010 min
Response: 27059044
Conc: 540.19 ng/ml



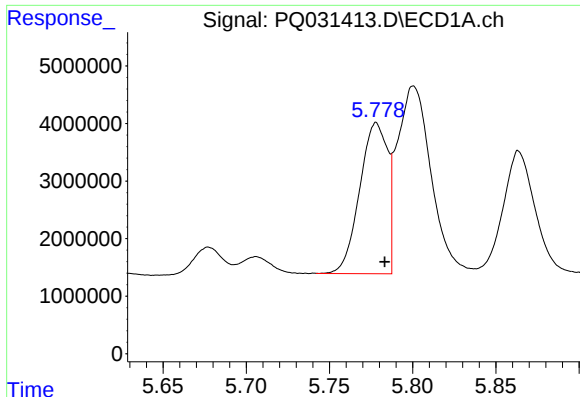
#4 AR-1016-2

R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 21191070
Conc: 425.55 ng/ml



#4 AR-1016-2

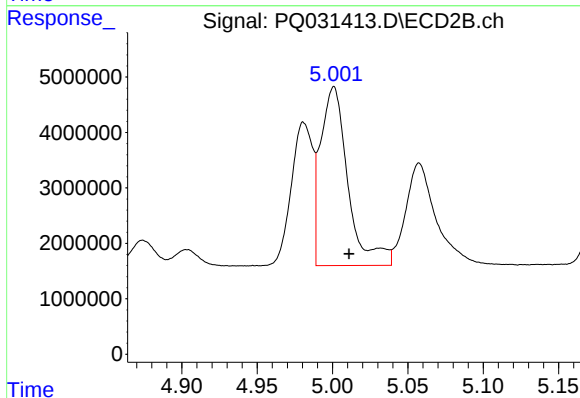
R.T.: 5.001 min
Delta R.T.: 0.009 min
Response: 40911736
Conc: 562.59 ng/ml



#5 AR-1016-3

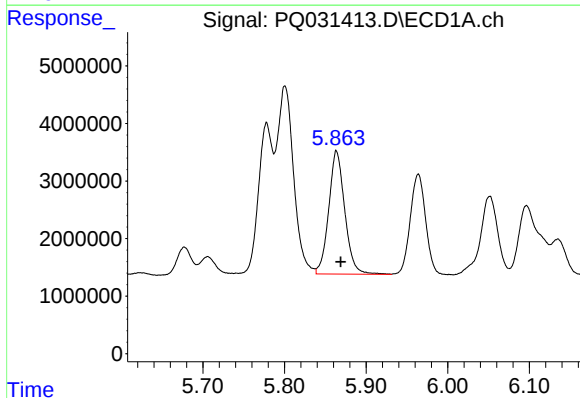
R.T.: 5.778 min
Delta R.T.: -0.005 min
Response: 30633904
Conc: 429.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



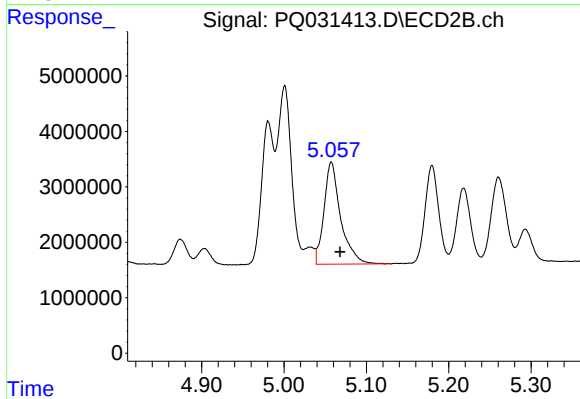
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: -0.010 min
Response: 40911736
Conc: 378.72 ng/ml



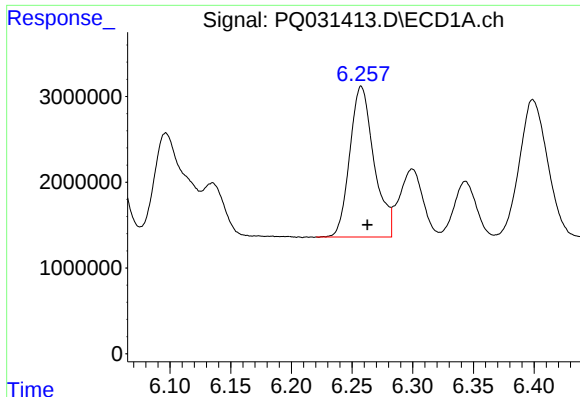
#6 AR-1016-4

R.T.: 5.864 min
Delta R.T.: -0.005 min
Response: 29268793
Conc: 435.00 ng/ml



#6 AR-1016-4

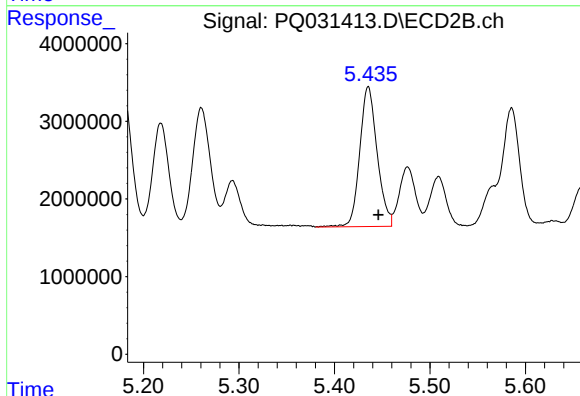
R.T.: 5.058 min
Delta R.T.: -0.011 min
Response: 25938811
Conc: 361.61 ng/ml



#7 AR-1016-5

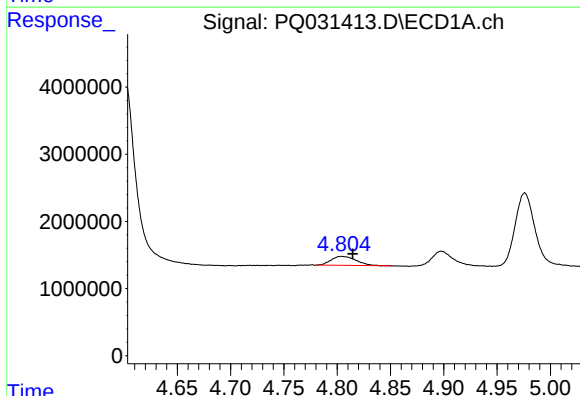
R.T.: 6.258 min
Delta R.T.: -0.005 min
Response: 24383390
Conc: 428.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



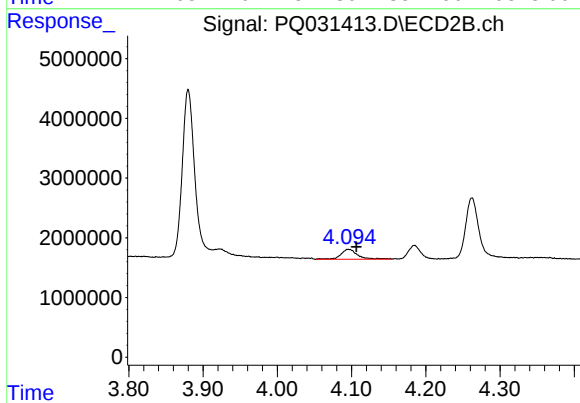
#7 AR-1016-5

R.T.: 5.436 min
Delta R.T.: -0.010 min
Response: 22780631
Conc: 356.86 ng/ml



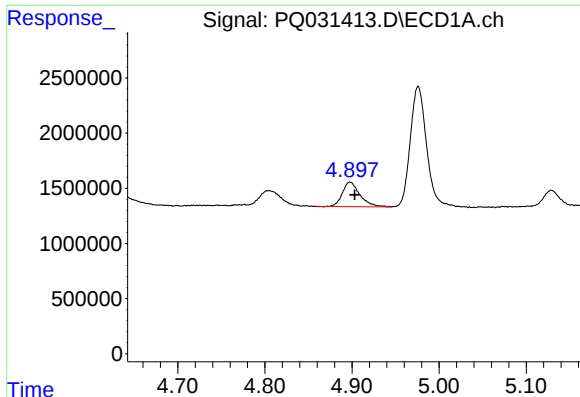
#8 AR-1221-1

R.T.: 4.804 min
Delta R.T.: -0.010 min
Response: 2194337
Conc: 96.24 ng/ml



#8 AR-1221-1

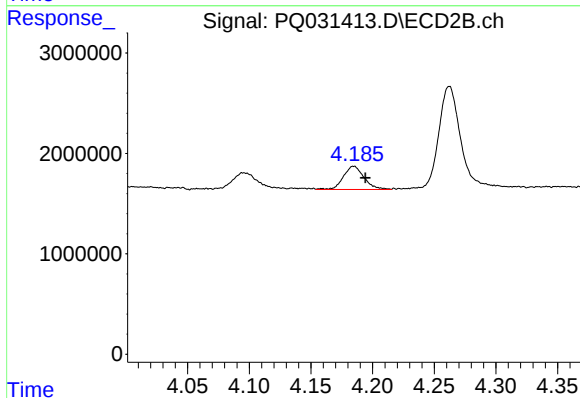
R.T.: 4.096 min
Delta R.T.: -0.010 min
Response: 2629386
Conc: 112.81 ng/ml



#9 AR-1221-2

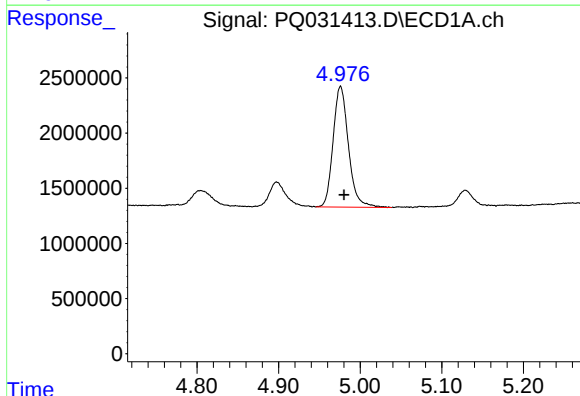
R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 3132968
Conc: 162.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



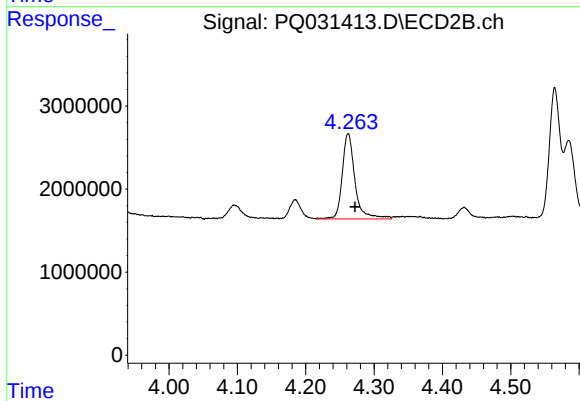
#9 AR-1221-2

R.T.: 4.185 min
Delta R.T.: -0.009 min
Response: 2690511
Conc: 150.48 ng/ml



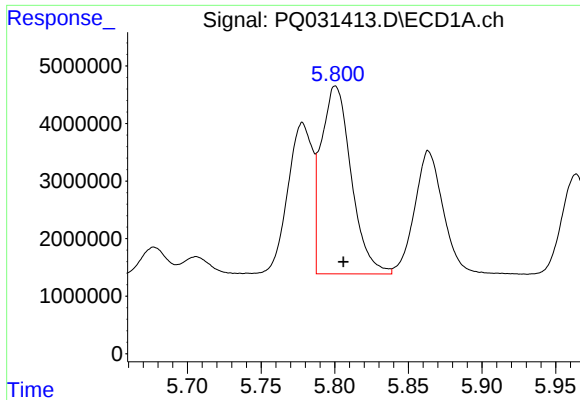
#10 AR-1221-3

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 14336215
Conc: 242.61 ng/ml



#10 AR-1221-3

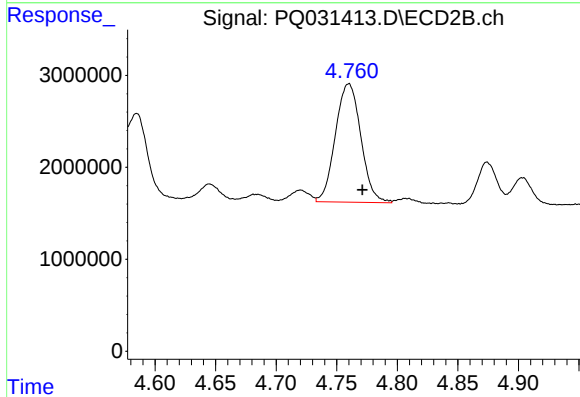
R.T.: 4.262 min
Delta R.T.: -0.010 min
Response: 13276348
Conc: 211.56 ng/ml



#11 AR-1232-1

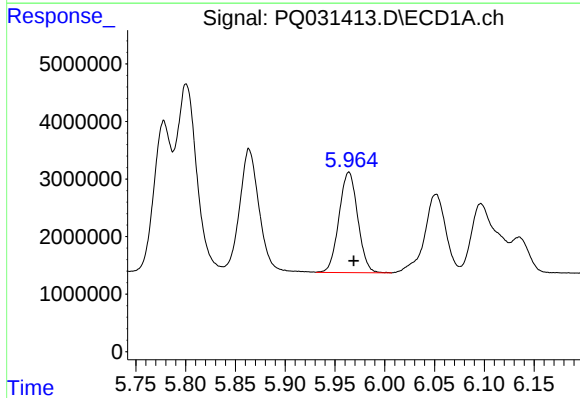
R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 46350319
Conc: 1028.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



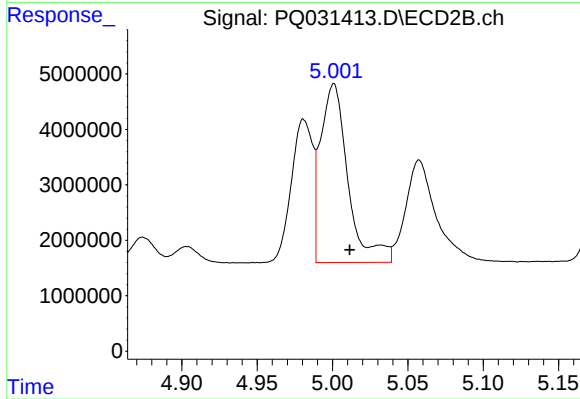
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: -0.011 min
Response: 18870053
Conc: 867.83 ng/ml



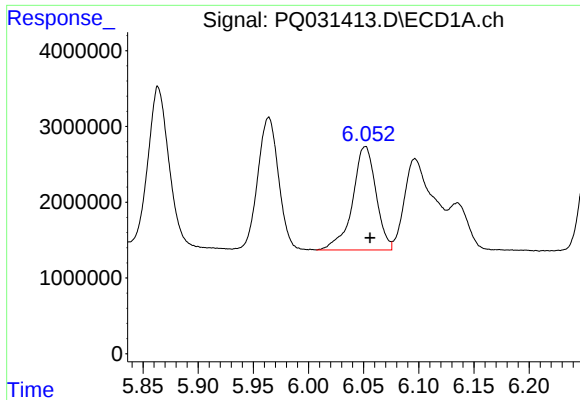
#12 AR-1232-2

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 22875249
Conc: 999.22 ng/ml



#12 AR-1232-2

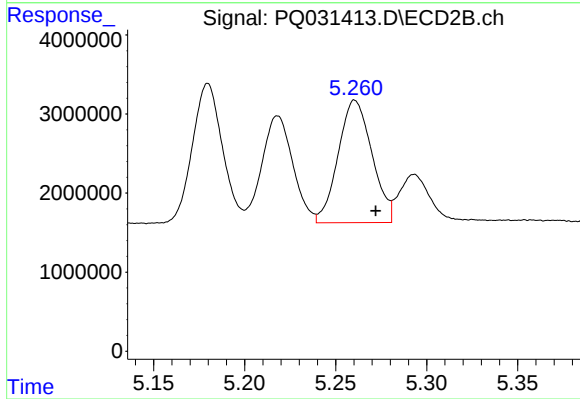
R.T.: 5.001 min
Delta R.T.: -0.011 min
Response: 40911736
Conc: 995.38 ng/ml



#13 AR-1232-3

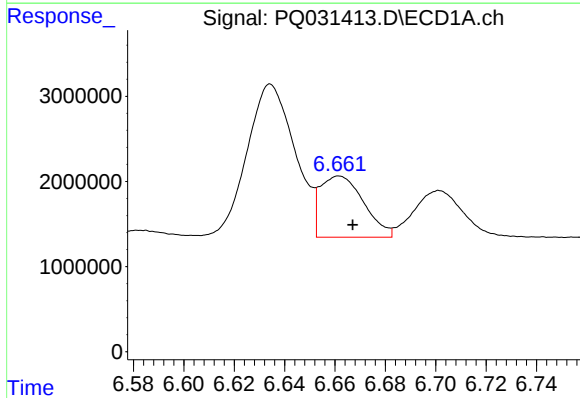
R.T.: 6.051 min
Delta R.T.: -0.005 min
Response: 20214047
Conc: 1389.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



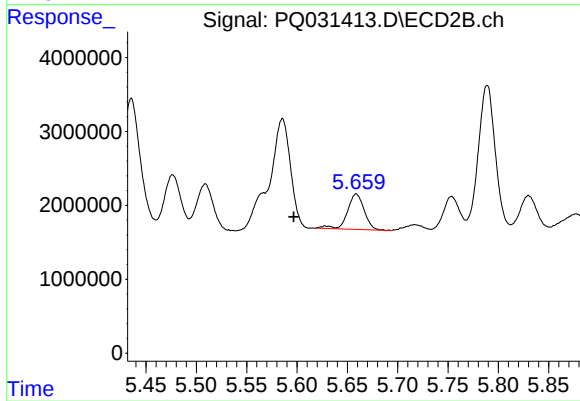
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: -0.011 min
Response: 20064359
Conc: 1159.69 ng/ml



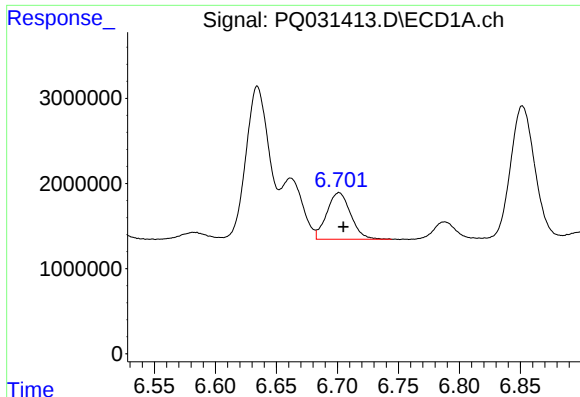
#14 AR-1232-4

R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 8615477
Conc: 271.26 ng/ml



#14 AR-1232-4

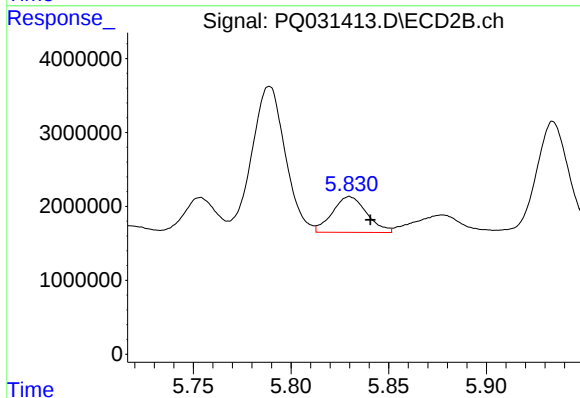
R.T.: 5.659 min
Delta R.T.: 0.062 min
Response: 5533259
Conc: 343.42 ng/ml



#15 AR-1232-5

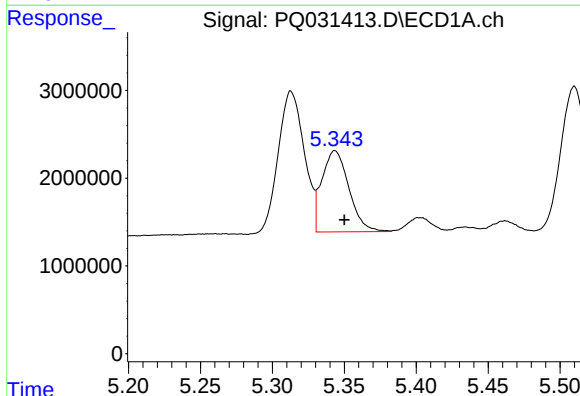
R.T.: 6.701 min
Delta R.T.: -0.004 min
Response: 7456461
Conc: 255.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



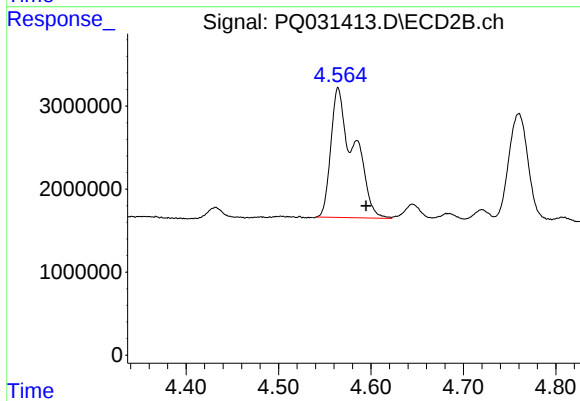
#15 AR-1232-5

R.T.: 5.830 min
Delta R.T.: -0.011 min
Response: 5912184
Conc: 277.72 ng/ml



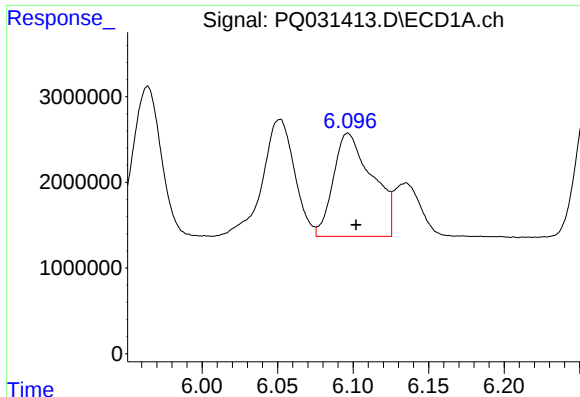
#16 AR-1242-1

R.T.: 5.343 min
Delta R.T.: -0.006 min
Response: 12115037
Conc: 569.31 ng/ml



#16 AR-1242-1

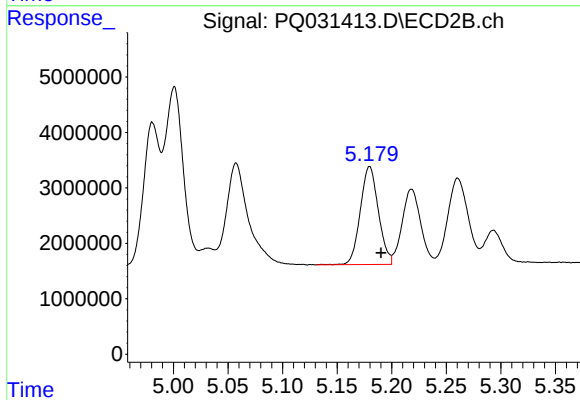
R.T.: 4.565 min
Delta R.T.: -0.030 min
Response: 27059044
Conc: 1264.16 ng/ml



#17 AR-1242-2

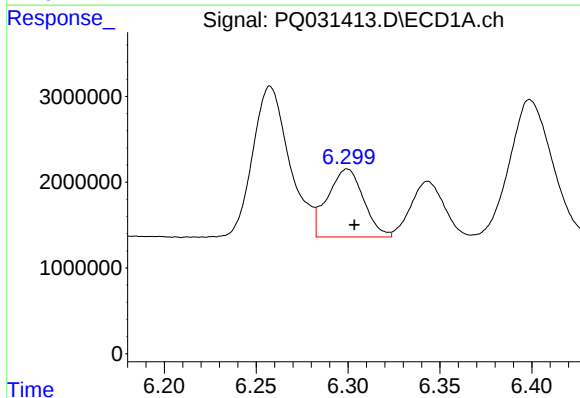
R.T.: 6.097 min
Delta R.T.: -0.005 min
Response: 21600292
Conc: 583.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



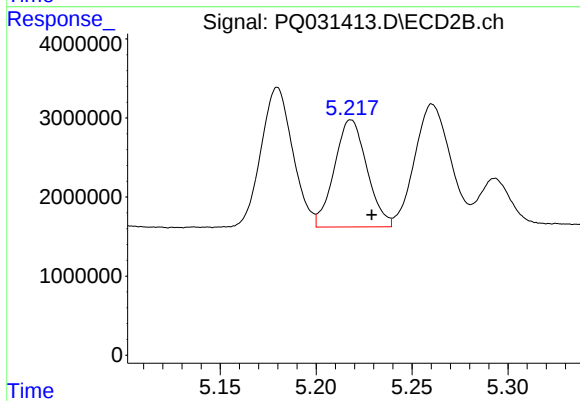
#17 AR-1242-2

R.T.: 5.180 min
Delta R.T.: -0.010 min
Response: 20432365
Conc: 488.84 ng/ml



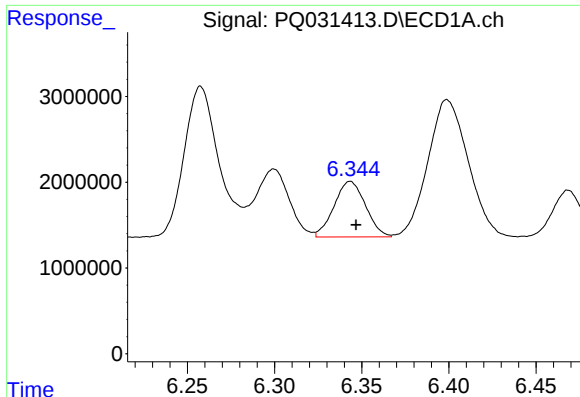
#18 AR-1242-3

R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 10779036
Conc: 576.13 ng/ml



#18 AR-1242-3

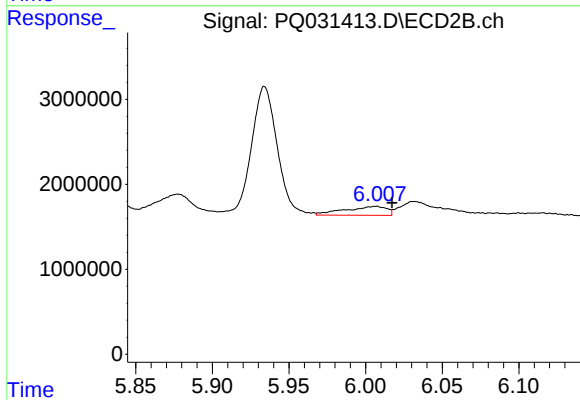
R.T.: 5.218 min
Delta R.T.: -0.011 min
Response: 16084398
Conc: 490.81 ng/ml



#19 AR-1242-4

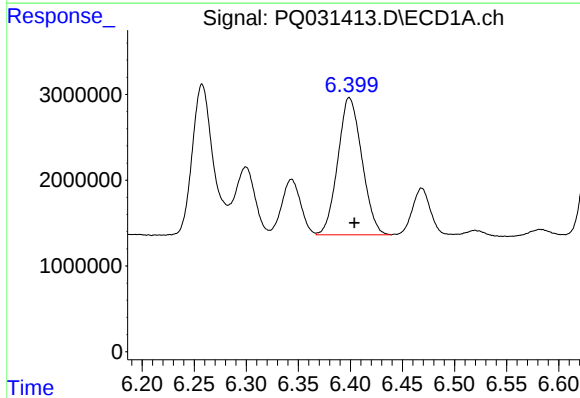
R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 8126423
Conc: 593.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



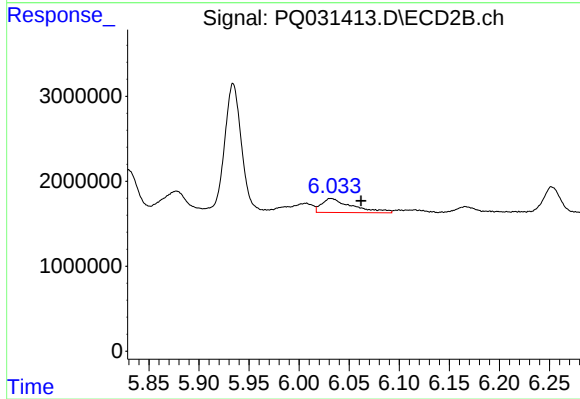
#19 AR-1242-4

R.T.: 6.006 min
Delta R.T.: -0.011 min
Response: 1977313
Conc: 47.90 ng/ml



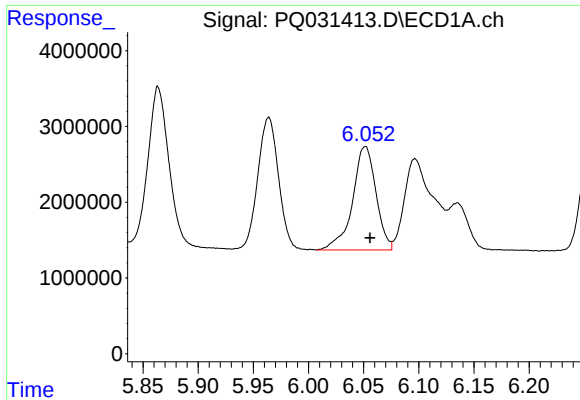
#20 AR-1242-5

R.T.: 6.399 min
Delta R.T.: -0.005 min
Response: 25732606
Conc: 550.60 ng/ml



#20 AR-1242-5

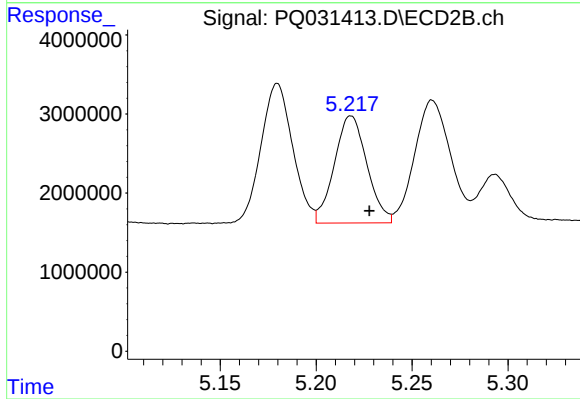
R.T.: 6.032 min
Delta R.T.: -0.030 min
Response: 3489563
Conc: 99.45 ng/ml



#21 AR-1248-1

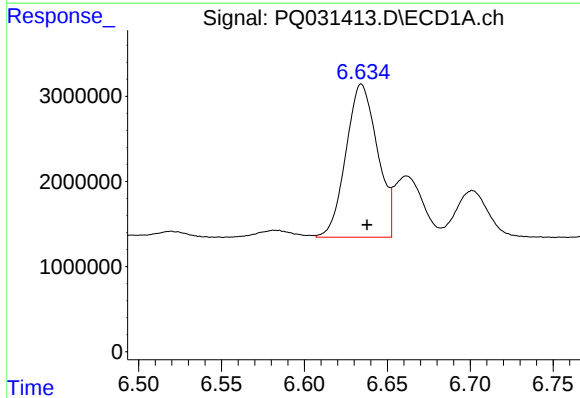
R.T.: 6.051 min
Delta R.T.: -0.004 min
Response: 20214047
Conc: 312.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



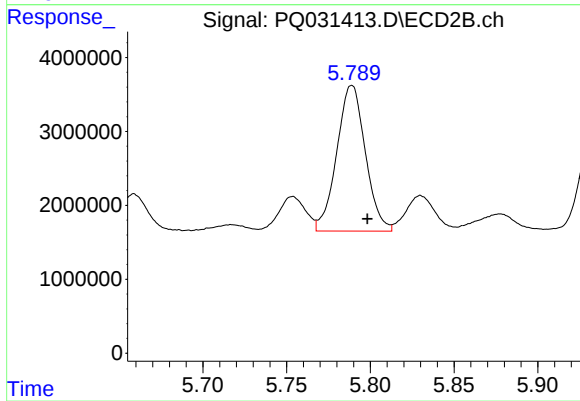
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: -0.010 min
Response: 16084398
Conc: 237.53 ng/ml



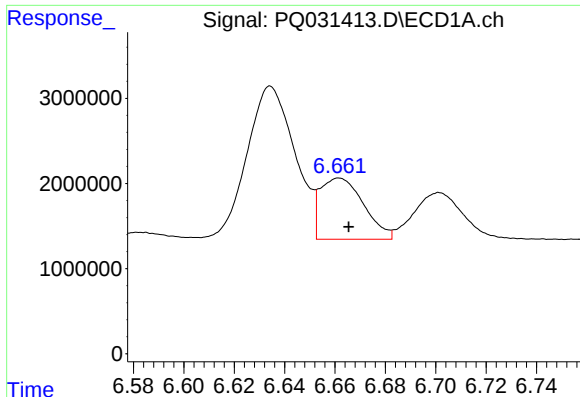
#22 AR-1248-2

R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 23775783
Conc: 341.10 ng/ml



#22 AR-1248-2

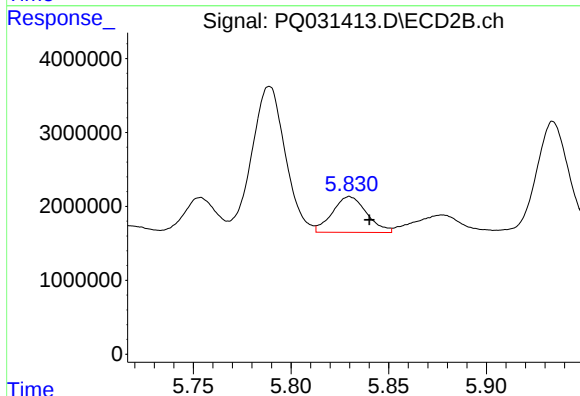
R.T.: 5.789 min
Delta R.T.: -0.009 min
Response: 23449460
Conc: 171.88 ng/ml



#23 AR-1248-3

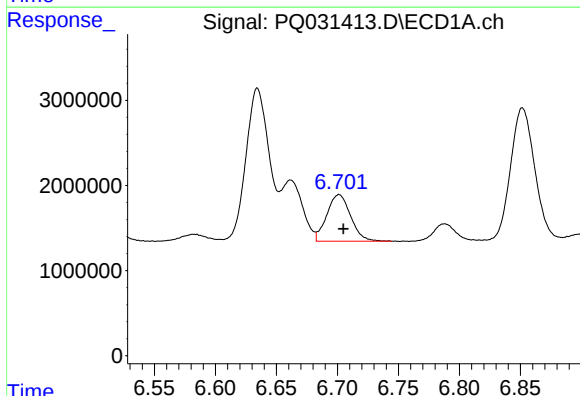
R.T.: 6.662 min
Delta R.T.: -0.004 min
Response: 8615477
Conc: 94.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



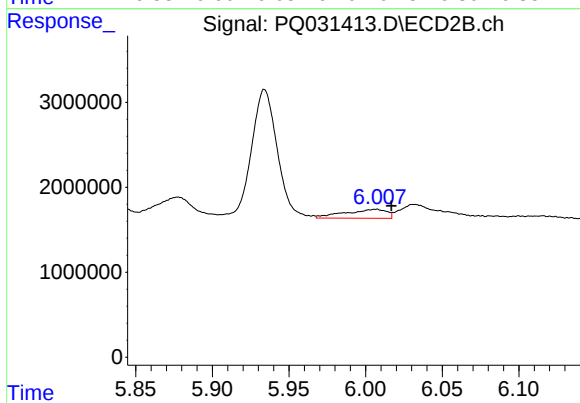
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: -0.010 min
Response: 5912184
Conc: 63.84 ng/ml



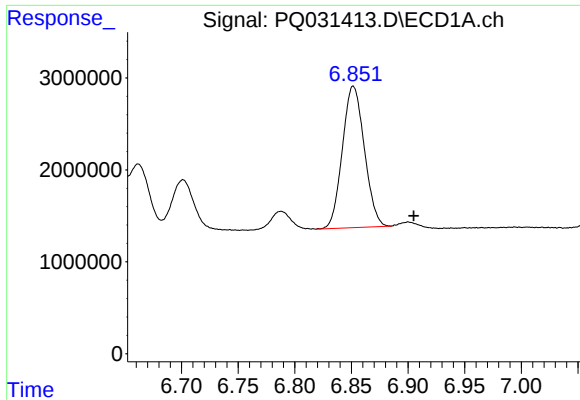
#24 AR-1248-4

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 7456461
Conc: 85.60 ng/ml



#24 AR-1248-4

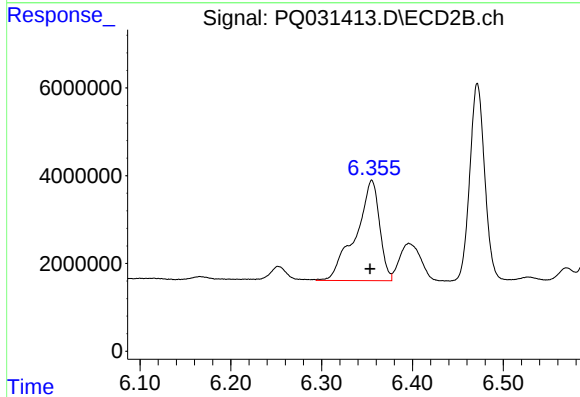
R.T.: 6.006 min
Delta R.T.: -0.011 min
Response: 1977313
Conc: 24.78 ng/ml



#25 AR-1248-5

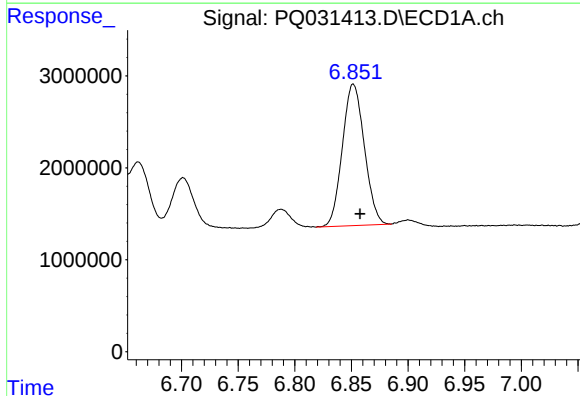
R.T.: 6.852 min
Delta R.T.: -0.053 min
Response: 20790933
Conc: 360.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



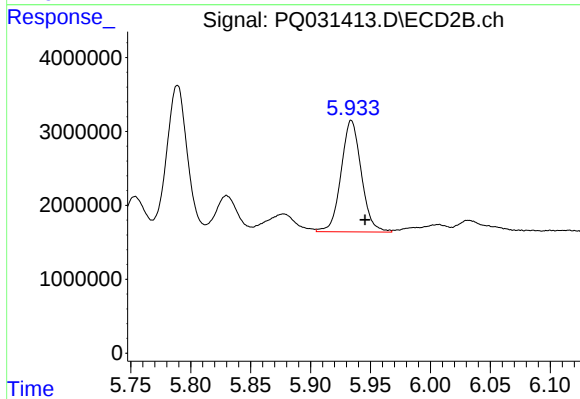
#25 AR-1248-5

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 41785087
Conc: 578.69 ng/ml



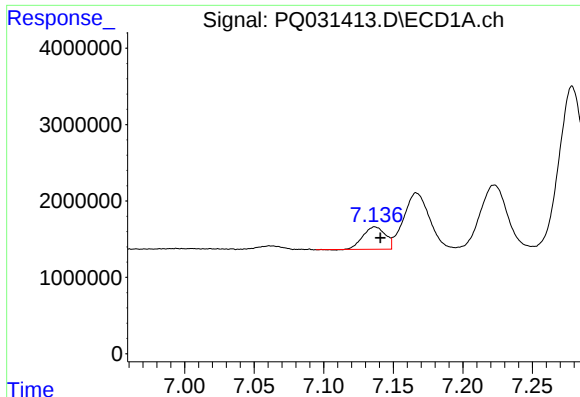
#26 AR-1254-1

R.T.: 6.852 min
Delta R.T.: -0.006 min
Response: 20790933
Conc: 130.03 ng/ml



#26 AR-1254-1

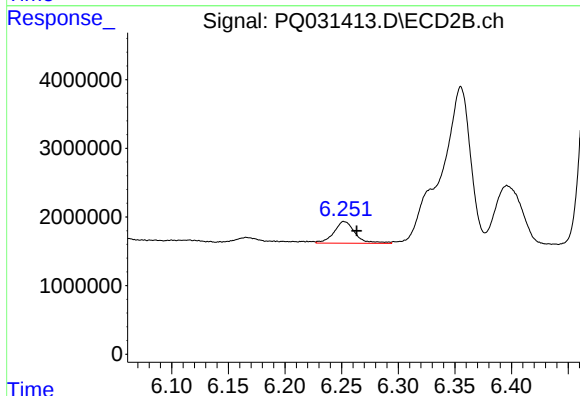
R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 17725767
Conc: 125.11 ng/ml



#27 AR-1254-2

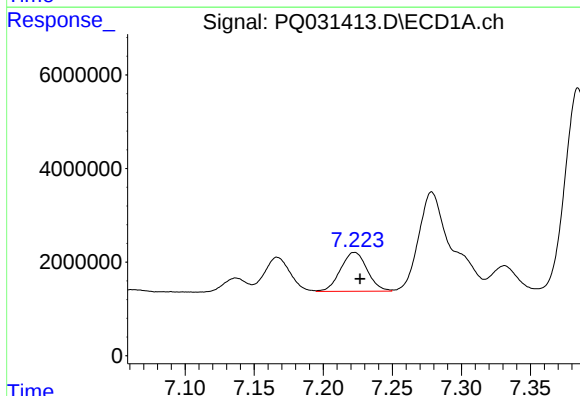
R.T.: 7.137 min
Delta R.T.: -0.004 min
Response: 3273527
Conc: 33.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



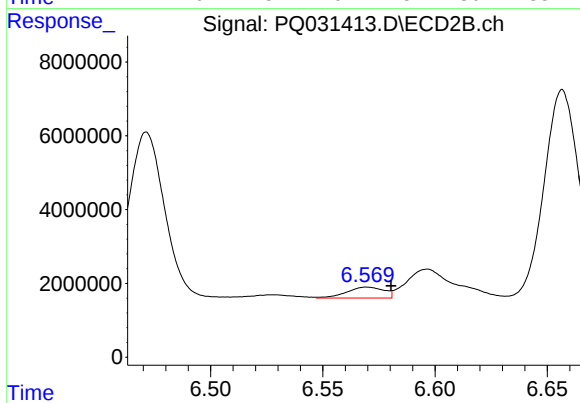
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: -0.011 min
Response: 4173884
Conc: 34.90 ng/ml



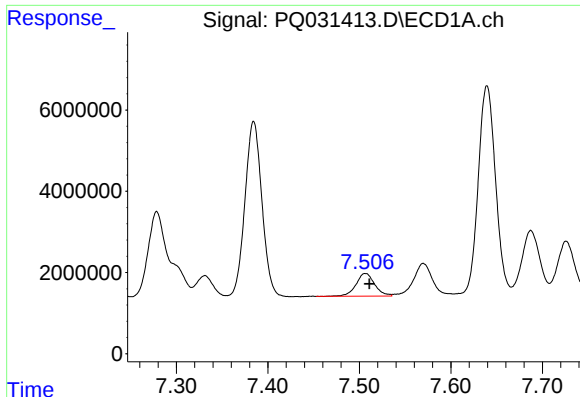
#28 AR-1254-3

R.T.: 7.223 min
Delta R.T.: -0.004 min
Response: 11145205
Conc: 62.33 ng/ml



#28 AR-1254-3

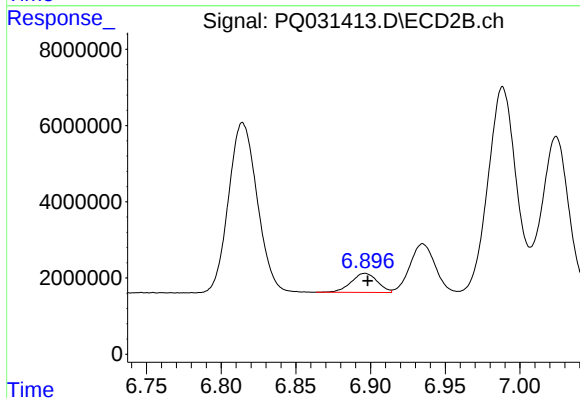
R.T.: 6.570 min
Delta R.T.: -0.011 min
Response: 3403276
Conc: 19.14 ng/ml



#29 AR-1254-4

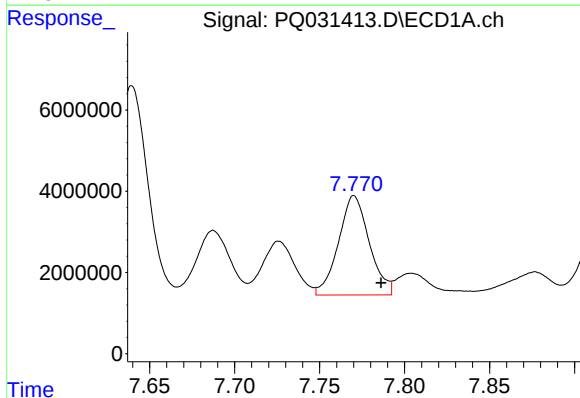
R.T.: 7.507 min
Delta R.T.: -0.004 min
Response: 7915476
Conc: 60.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



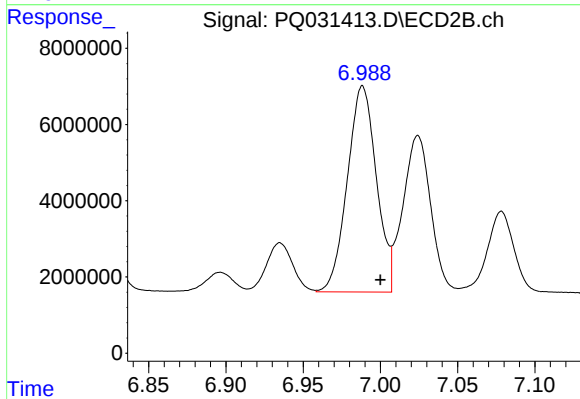
#29 AR-1254-4

R.T.: 6.896 min
Delta R.T.: -0.002 min
Response: 6133257
Conc: 57.22 ng/ml



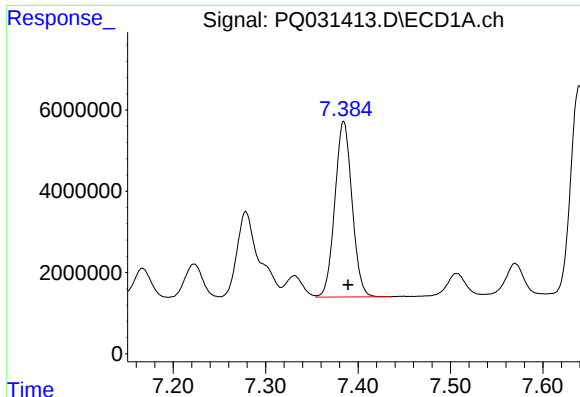
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: -0.016 min
Response: 30924599
Conc: 308.37 ng/ml



#30 AR-1254-5

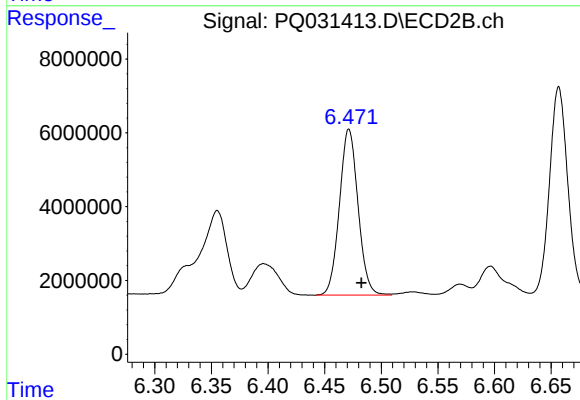
R.T.: 6.989 min
Delta R.T.: -0.012 min
Response: 70844348
Conc: 321.12 ng/ml



#31 AR-1260-1

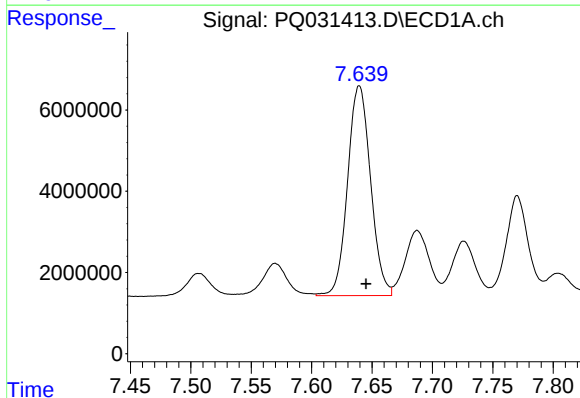
R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 55912887
Conc: 446.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



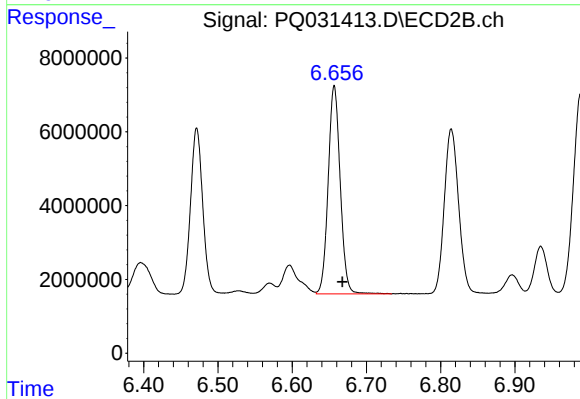
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: -0.011 min
Response: 51478839
Conc: 346.14 ng/ml



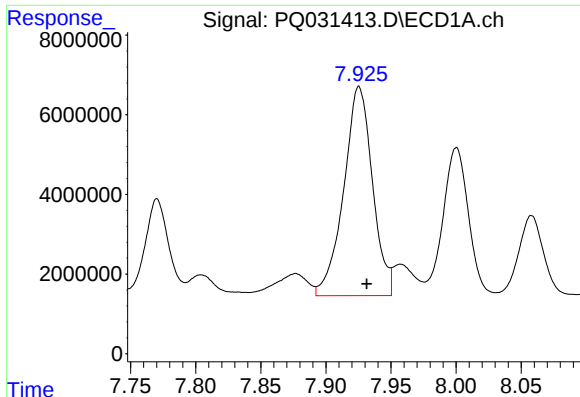
#32 AR-1260-2

R.T.: 7.640 min
Delta R.T.: -0.006 min
Response: 68368774
Conc: 452.90 ng/ml



#32 AR-1260-2

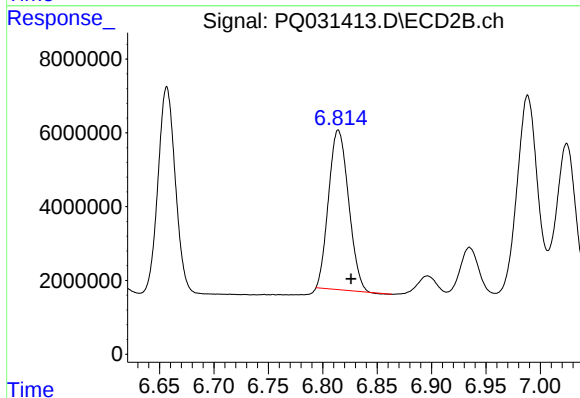
R.T.: 6.657 min
Delta R.T.: -0.011 min
Response: 63615478
Conc: 356.96 ng/ml



#33 AR-1260-3

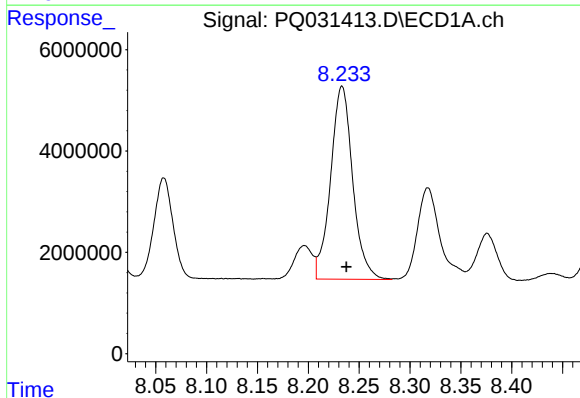
R.T.: 7.925 min
Delta R.T.: -0.006 min
Response: 80731696
Conc: 449.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



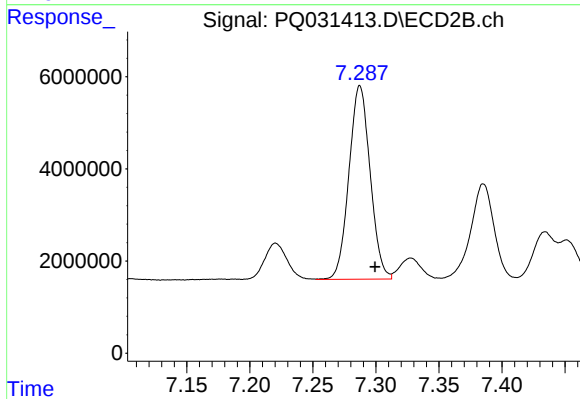
#33 AR-1260-3

R.T.: 6.814 min
Delta R.T.: -0.012 min
Response: 55312292
Conc: 321.76 ng/ml



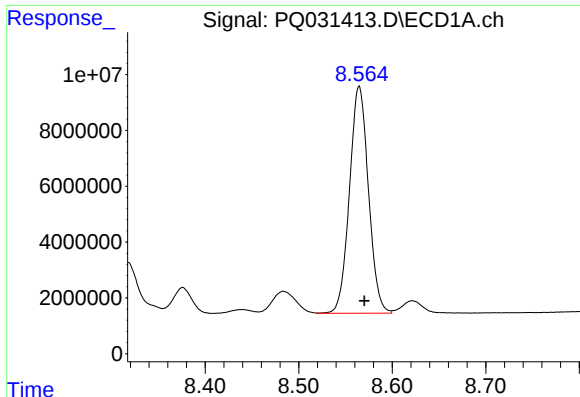
#34 AR-1260-4

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 57685748
Conc: 447.01 ng/ml



#34 AR-1260-4

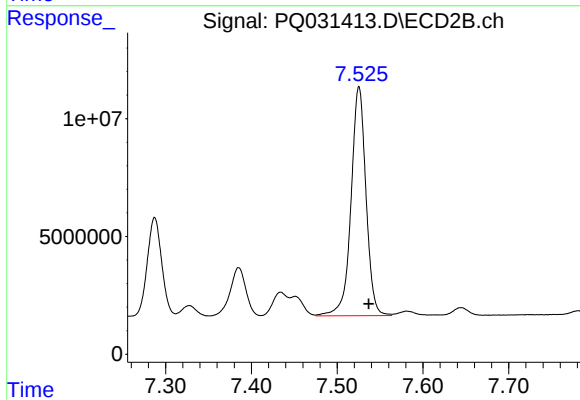
R.T.: 7.287 min
Delta R.T.: -0.012 min
Response: 49138080
Conc: 355.31 ng/ml



#35 AR-1260-5

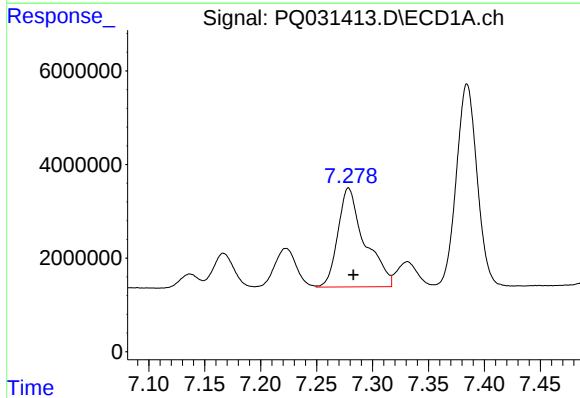
R.T.: 8.565 min
Delta R.T.: -0.006 min
Response: 114568565
Conc: 444.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



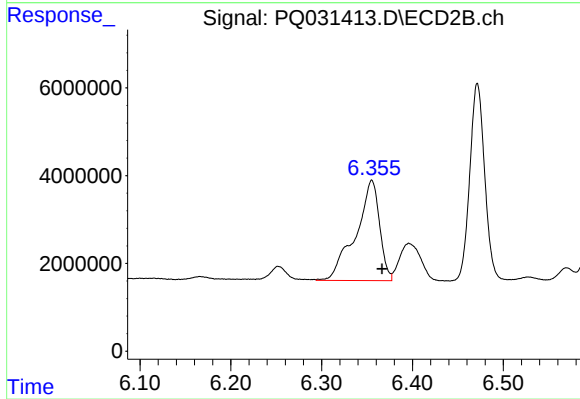
#35 AR-1260-5

R.T.: 7.525 min
Delta R.T.: -0.011 min
Response: 117872474
Conc: 368.51 ng/ml



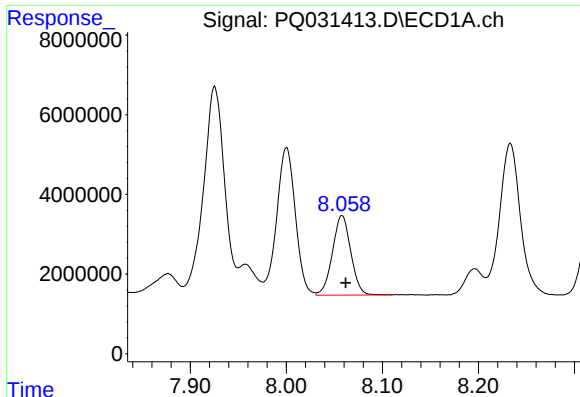
#36 AR-1262-1

R.T.: 7.279 min
Delta R.T.: -0.004 min
Response: 35292545
Conc: 443.48 ng/ml



#36 AR-1262-1

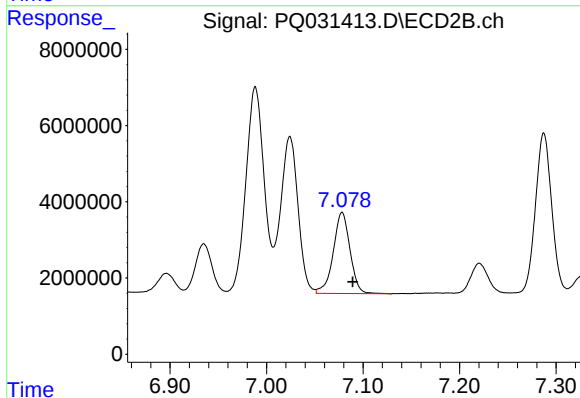
R.T.: 6.355 min
Delta R.T.: -0.011 min
Response: 41785087
Conc: 350.42 ng/ml



#37 AR-1262-2

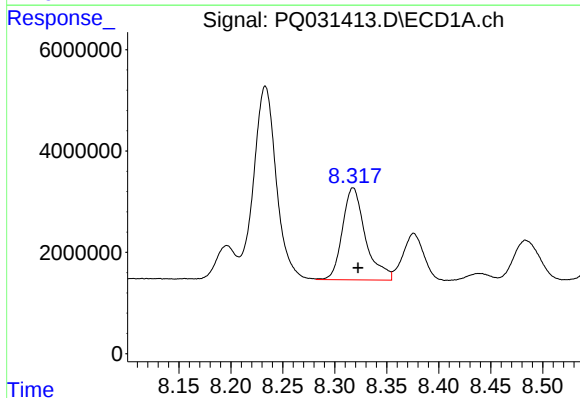
R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 26319836
Conc: 357.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



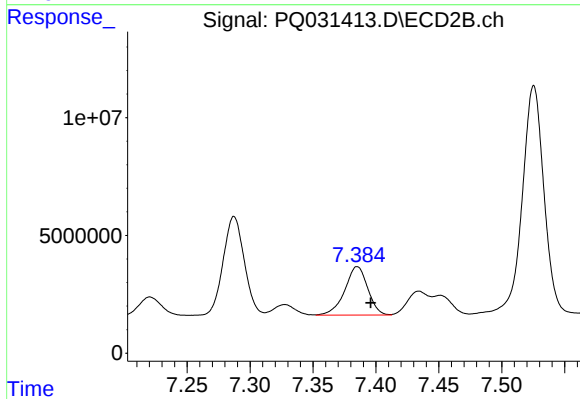
#37 AR-1262-2

R.T.: 7.078 min
Delta R.T.: -0.011 min
Response: 25815947
Conc: 269.32 ng/ml



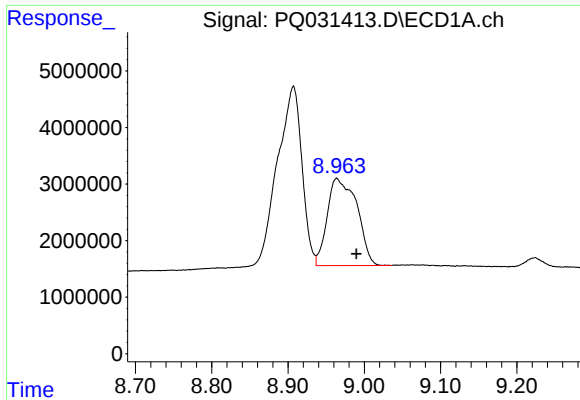
#38 AR-1262-3

R.T.: 8.318 min
Delta R.T.: -0.005 min
Response: 28031923
Conc: 317.68 ng/ml



#38 AR-1262-3

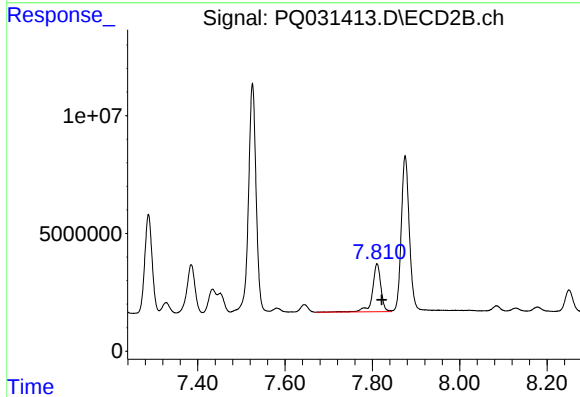
R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 26200569
Conc: 272.17 ng/ml



#39 AR-1262-4

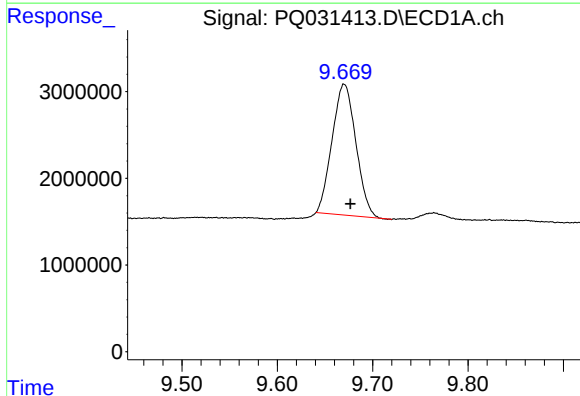
R.T.: 8.964 min
Delta R.T.: -0.026 min
Response: 41627353
Conc: 275.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



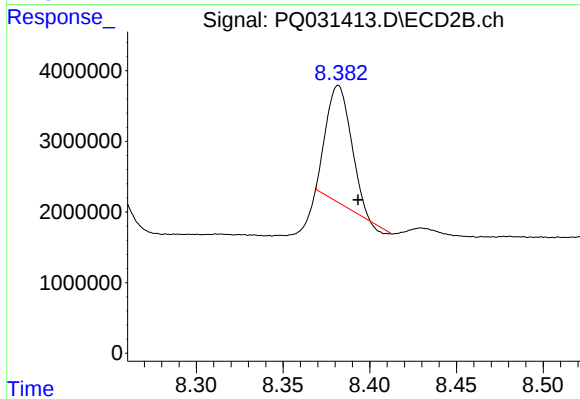
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: -0.011 min
Response: 27450711
Conc: 162.14 ng/ml



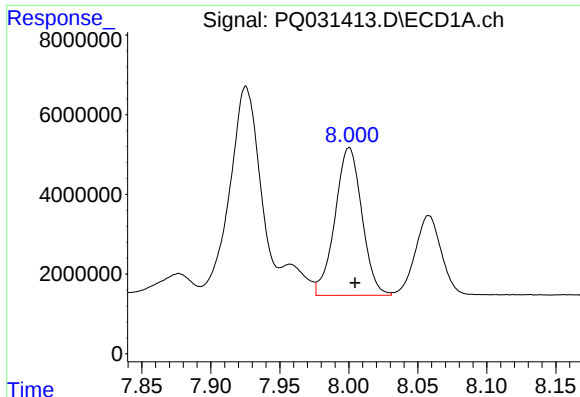
#40 AR-1262-5

R.T.: 9.670 min
Delta R.T.: -0.006 min
Response: 26152067
Conc: 262.27 ng/ml



#40 AR-1262-5

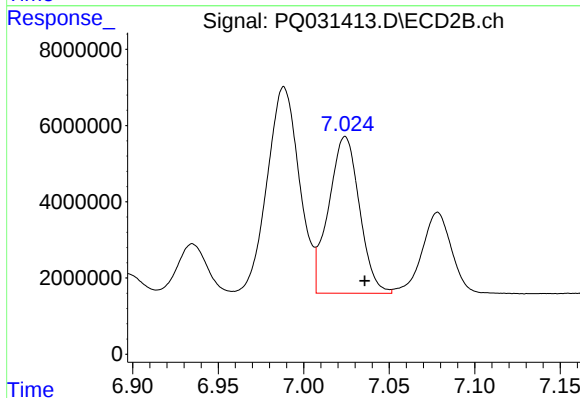
R.T.: 8.382 min
Delta R.T.: -0.012 min
Response: 16303624
Conc: 142.55 ng/ml



#41 AR-1268-1

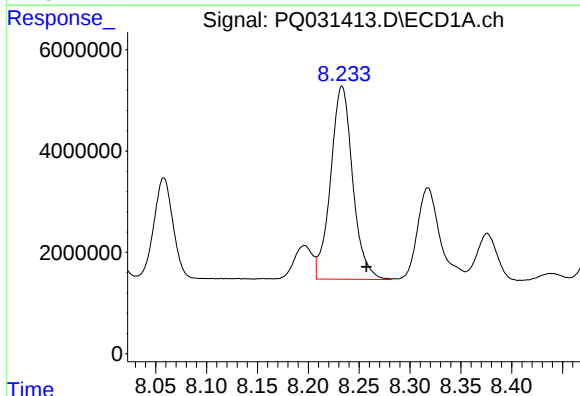
R.T.: 8.000 min
Delta R.T.: -0.004 min
Response: 50319477
Conc: 686.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



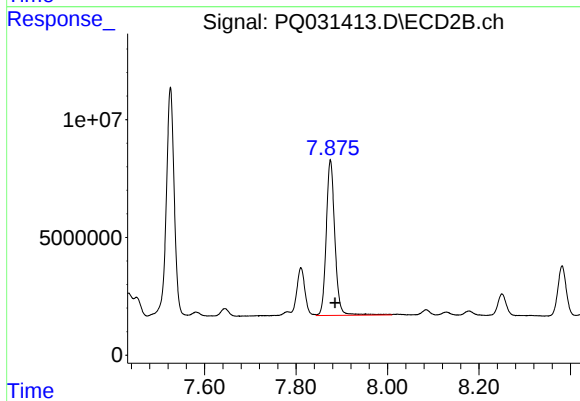
#41 AR-1268-1

R.T.: 7.024 min
Delta R.T.: -0.011 min
Response: 51515631
Conc: 586.89 ng/ml



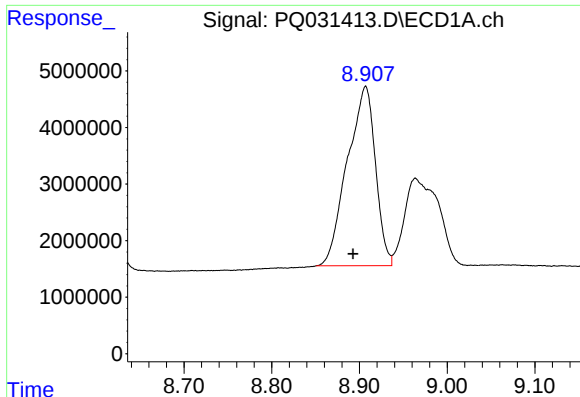
#42 AR-1268-2

R.T.: 8.233 min
Delta R.T.: -0.024 min
Response: 57685748
Conc: 582.53 ng/ml



#42 AR-1268-2

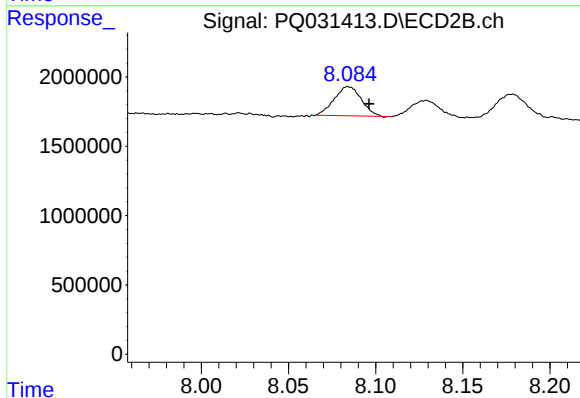
R.T.: 7.875 min
Delta R.T.: -0.010 min
Response: 86679239
Conc: 181.26 ng/ml



#43 AR-1268-3

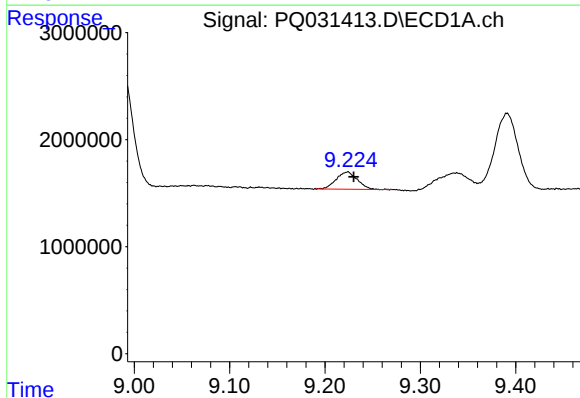
R.T.: 8.907 min
Delta R.T.: 0.014 min
Response: 70611982
Conc: 167.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



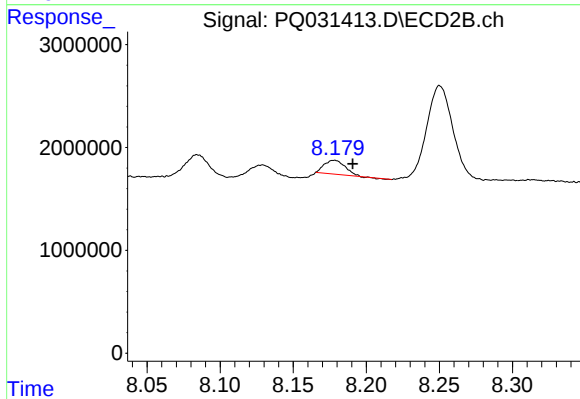
#43 AR-1268-3

R.T.: 8.084 min
Delta R.T.: -0.012 min
Response: 2264414
Conc: 5.79 ng/ml



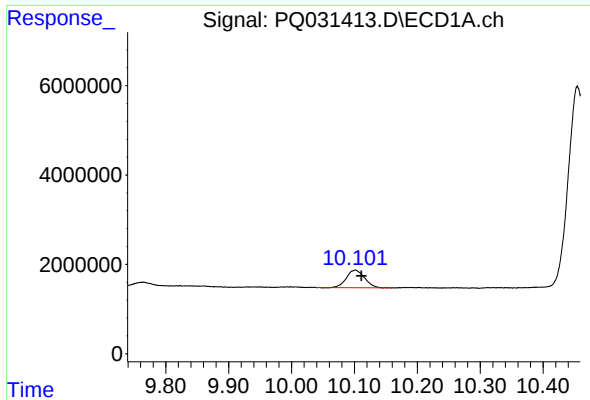
#44 AR-1268-4

R.T.: 9.224 min
Delta R.T.: -0.006 min
Response: 2469858
Conc: 7.80 ng/ml



#44 AR-1268-4

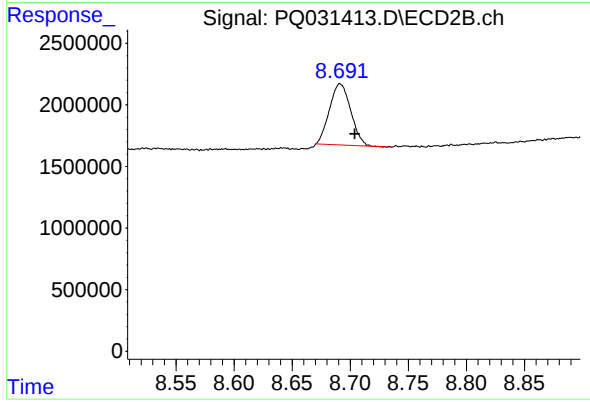
R.T.: 8.178 min
Delta R.T.: -0.013 min
Response: 1315624
Conc: 13.47 ng/ml



#45 AR-1268-5

R.T.: 10.101 min
Delta R.T.: -0.010 min
Response: 7931994
Conc: 8.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.691 min
Delta R.T.: -0.012 min
Response: 6316747
Conc: 5.79 ng/ml