

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050923\
 Data File : PQ061176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 00:59
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 04:10:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050923CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 10 04:07:21 2023
 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...	3.405	2.761	115.5E6	63060980	18.829	18.673
2)	SA Decachlor...	8.583	7.536	172.4E6	149.8E6	39.321	38.026
Target Compounds							
3)	L1 AR-1016-1	4.505	3.764	75730027	45555472	380.149	371.857
4)	L1 AR-1016-2	4.524	3.779	112.3E6	67518844	377.909	378.532
5)	L1 AR-1016-3	4.582	3.940	69911956	35560861	374.421	375.623
6)	L1 AR-1016-4	4.674	3.989	57870532	30075731	379.395	375.066
7)	L1 AR-1016-5	4.961	4.184	56974534	37549929	382.403	374.808
8)	L2 AR-1221-1	3.602	2.963	8513329	4738211	112.786	106.197
9)	L2 AR-1221-2	3.684	3.040	10407548	5847072	199.825	183.349
10)	L2 AR-1221-3	3.753	3.108	42456795	25425125	253.877	250.523
11)	L3 AR-1232-1	3.753	3.108	42456795	25425125	312.928	308.242
12)	L3 AR-1232-2	4.246	3.779	56989873	67518844	833.960	830.614
13)	L3 AR-1232-3	4.524	3.940	112.3E6	35560861	837.758	863.603
14)	L3 AR-1232-4	4.674	4.026	57870532	33530448	849.790	933.313
15)	L3 AR-1232-5	4.771	4.184	44528968	37549929	914.502	904.947
16)	L4 AR-1242-1	4.505	3.764	75730027	45555472	448.469	446.356
17)	L4 AR-1242-2	4.524	3.779	112.3E6	67518844	452.660	455.112
18)	L4 AR-1242-3	4.582	3.940	69911956	35560861	449.833	458.222
19)	L4 AR-1242-4	4.674	4.026	57870532	33530448	456.023	451.196
20)	L4 AR-1242-5	5.389	4.520	16655182	36989290	119.541	370.057 #
21)	L5 AR-1248-1	4.505	3.764	75730027	45555472	598.755	582.156
22)	L5 AR-1248-2	4.771	3.989	44528968	30075731	262.064	261.873
23)	L5 AR-1248-3	4.961	4.026	56974534	33530448	277.644	304.412
24)	L5 AR-1248-4	5.355	4.184	20398862	37549929	86.560	276.122 #
25)	L5 AR-1248-5	5.389	4.559	16655182	9142085	72.075	66.254
26)	L6 AR-1254-1	5.327	4.520	51453298	36989290	226.868	184.508
27)	L6 AR-1254-2	5.545	4.667	46876032	26800561	132.048	152.579
28)	L6 AR-1254-3	5.898	5.049	21782799	11443651	57.876	40.587 #
29)	L6 AR-1254-4	6.181	5.275	14389307	4269597	51.119	23.276 #
30)	L6 AR-1254-5	6.594	5.680	157.6E6	106.4E6	498.726	407.959
31)	L7 AR-1260-1	6.063	5.178	111.2E6	77022013	381.387	376.078
32)	L7 AR-1260-2	6.323	5.368	134.0E6	93580113	376.556	372.664
33)	L7 AR-1260-3	6.676	5.509	103.1E6	86783986	388.682	368.952
34)	L7 AR-1260-4	6.894	5.971	115.9E6	75408267	389.295	377.371
35)	L7 AR-1260-5	7.205	6.218	225.1E6	170.8E6	387.650	377.996
36)	L8 AR-1262-1	6.676	5.724	103.1E6	75911651	266.543	277.356
37)	L8 AR-1262-2	7.205	6.218	225.1E6	170.8E6	339.676	338.818
38)	L8 AR-1262-3	7.483	6.496	143.6E6	40777129	321.881	198.240 #
39)	L8 AR-1262-4	7.554	6.554	89028037	131.3E6	260.575	342.409 #
40)	L8 AR-1262-5	8.058	7.050	58813031	48701283	262.138	259.761
41)	L9 AR-1268-1	7.483	6.496	143.6E6	40777129	241.949	87.308 #

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 Data File : PQ061176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 00:59
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

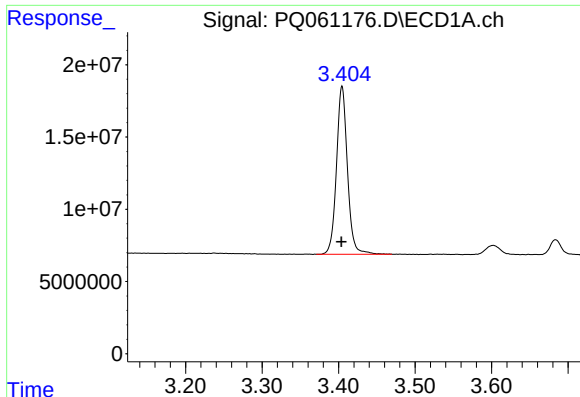
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 04:10:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050923CLP.M
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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	7.554	6.554	89028037	131.3E6	165.549	309.587 #
43) L9	AR-1268-3	7.737	6.758	2976884	2268857	6.724	6.193
44) L9	AR-1268-4	8.058	7.050	58813031	48701283	300.099	296.146
45) L9	AR-1268-5	8.351	7.318	15491905	12687372	11.873	10.807

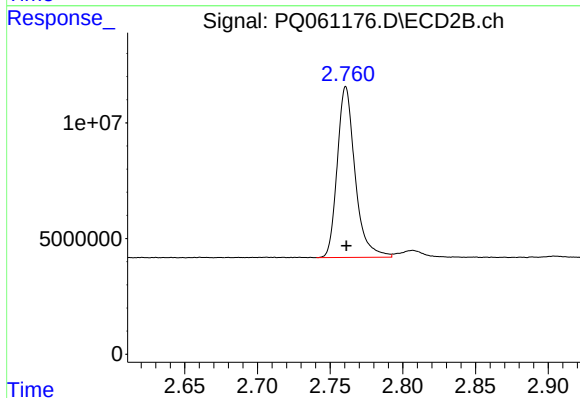
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

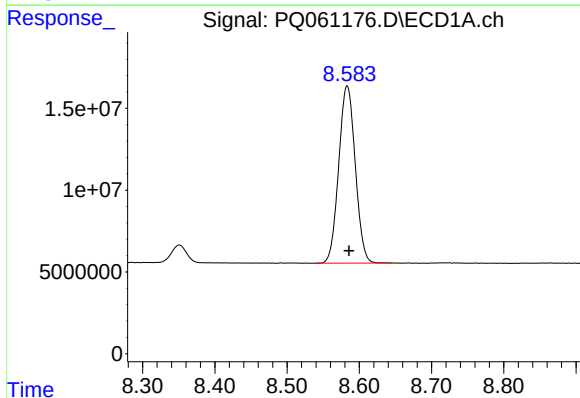
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 115455587
Conc: 18.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



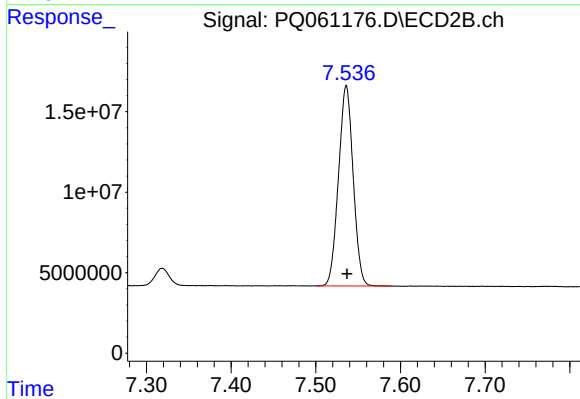
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 63060980
Conc: 18.67 ng/ml



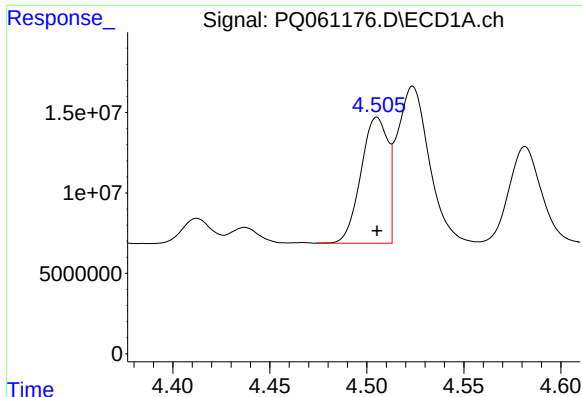
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.003 min
Response: 172405497
Conc: 39.32 ng/ml



#2 Decachlorobiphenyl

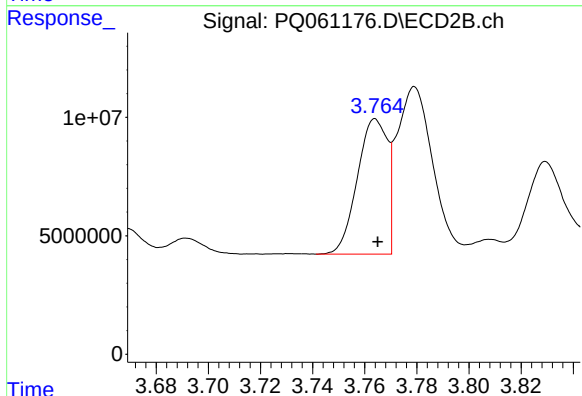
R.T.: 7.536 min
Delta R.T.: -0.001 min
Response: 149766321
Conc: 38.03 ng/ml



#3 AR-1016-1

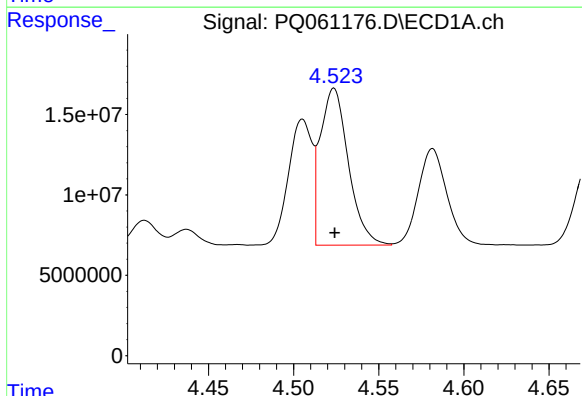
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 75730027
Conc: 380.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



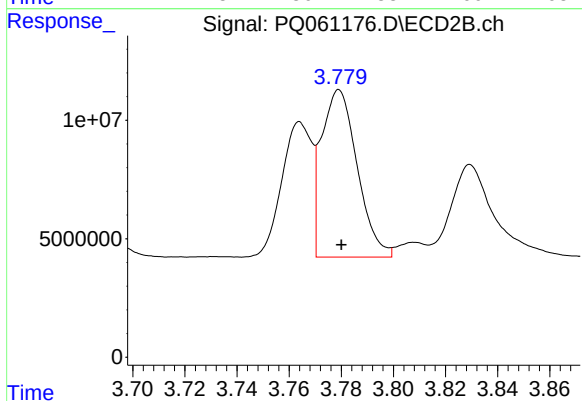
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 45555472
Conc: 371.86 ng/ml



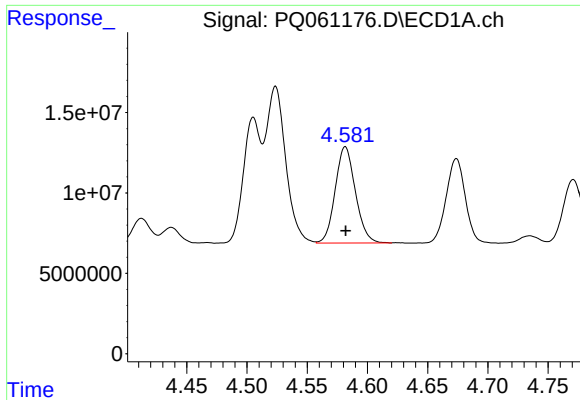
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112288719
Conc: 377.91 ng/ml



#4 AR-1016-2

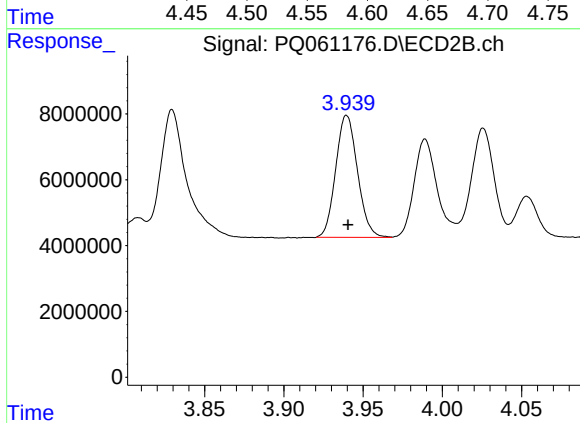
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 67518844
Conc: 378.53 ng/ml



#5 AR-1016-3

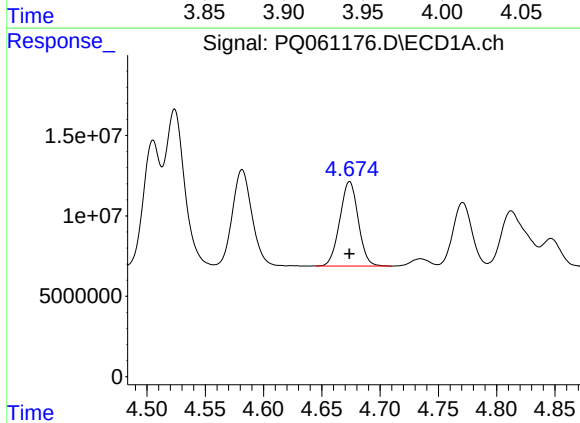
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 69911956
Conc: 374.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



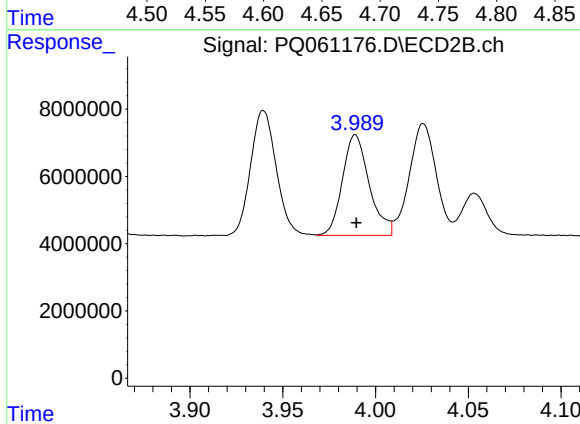
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 35560861
Conc: 375.62 ng/ml



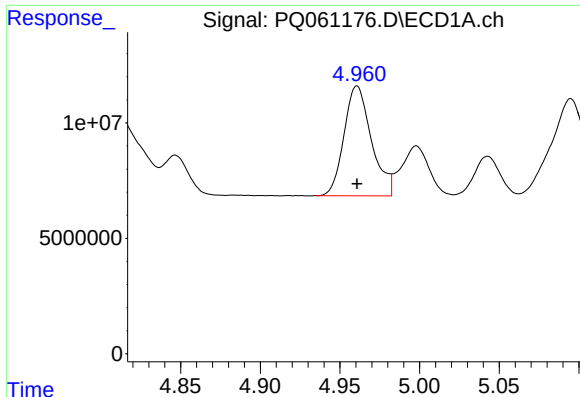
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57870532
Conc: 379.40 ng/ml



#6 AR-1016-4

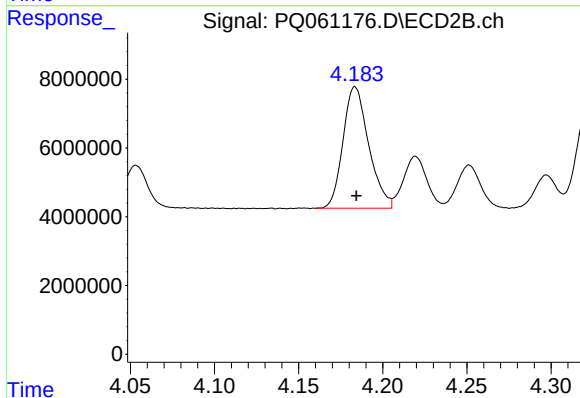
R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 30075731
Conc: 375.07 ng/ml



#7 AR-1016-5

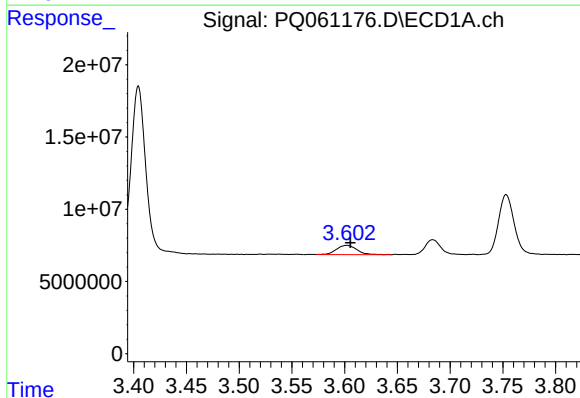
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 56974534
Conc: 382.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



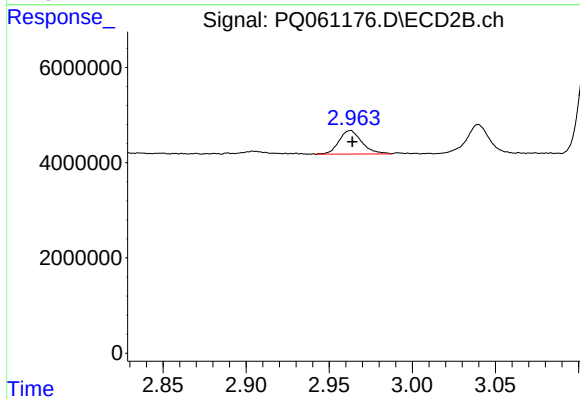
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 37549929
Conc: 374.81 ng/ml



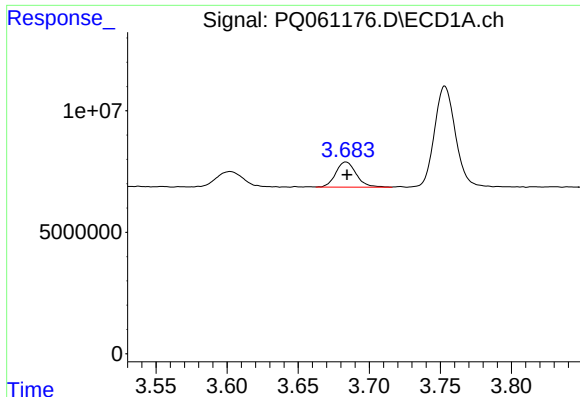
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 8513329
Conc: 112.79 ng/ml



#8 AR-1221-1

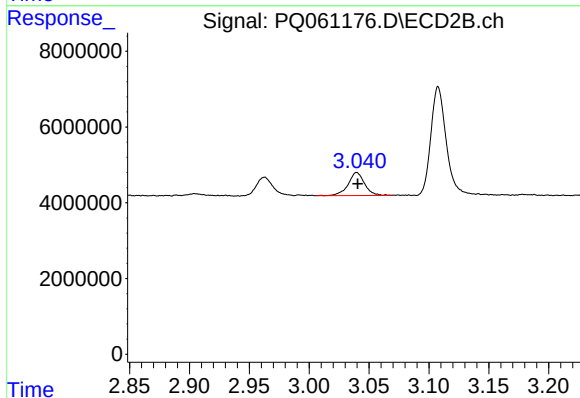
R.T.: 2.963 min
Delta R.T.: -0.001 min
Response: 4738211
Conc: 106.20 ng/ml



#9 AR-1221-2

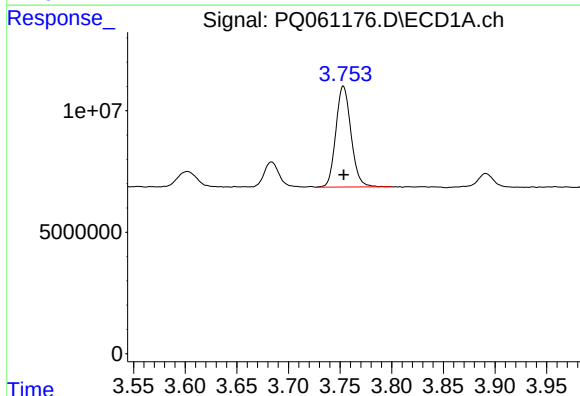
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 10407548
Conc: 199.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



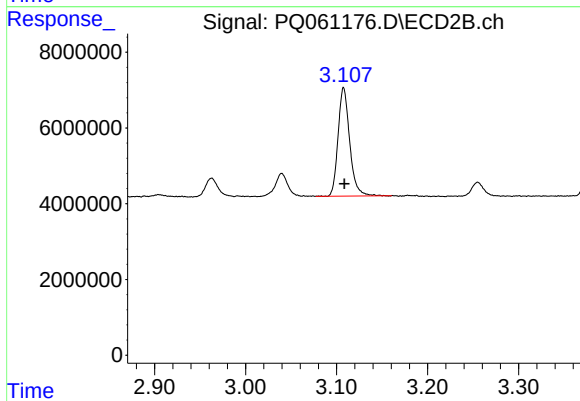
#9 AR-1221-2

R.T.: 3.040 min
Delta R.T.: 0.000 min
Response: 5847072
Conc: 183.35 ng/ml



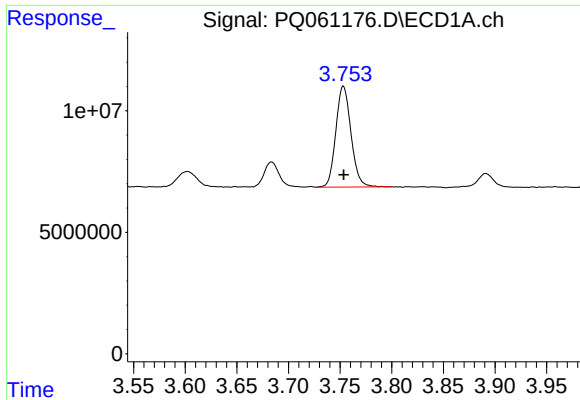
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 42456795
Conc: 253.88 ng/ml



#10 AR-1221-3

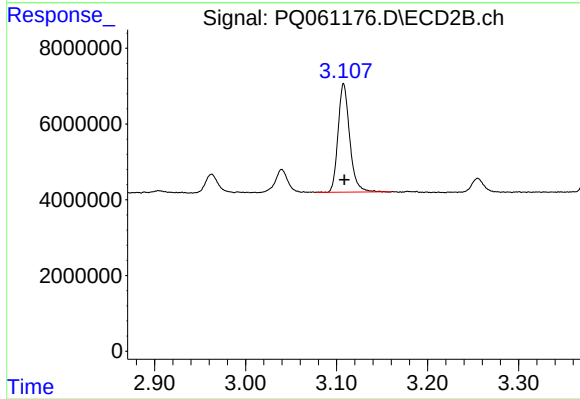
R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 25425125
Conc: 250.52 ng/ml



#11 AR-1232-1

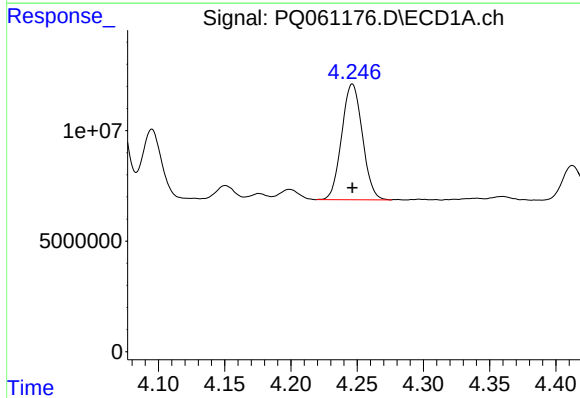
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 42456795
Conc: 312.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



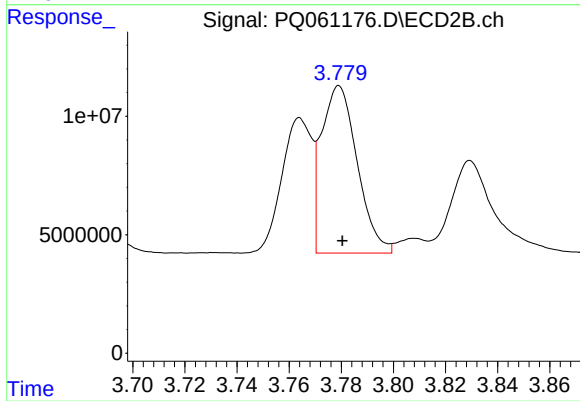
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 25425125
Conc: 308.24 ng/ml



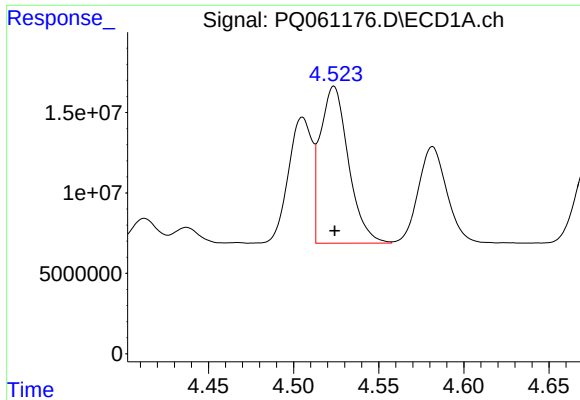
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 56989873
Conc: 833.96 ng/ml



#12 AR-1232-2

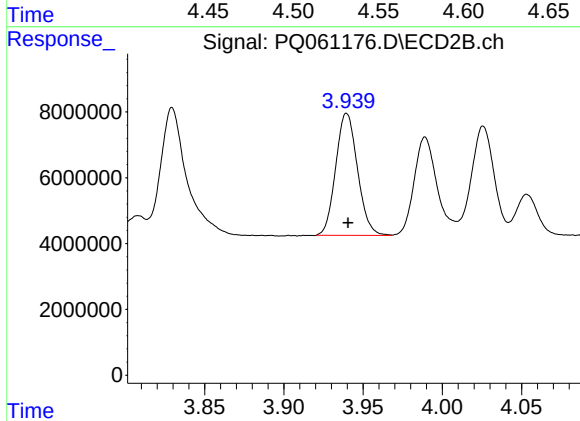
R.T.: 3.779 min
Delta R.T.: -0.001 min
Response: 67518844
Conc: 830.61 ng/ml



#13 AR-1232-3

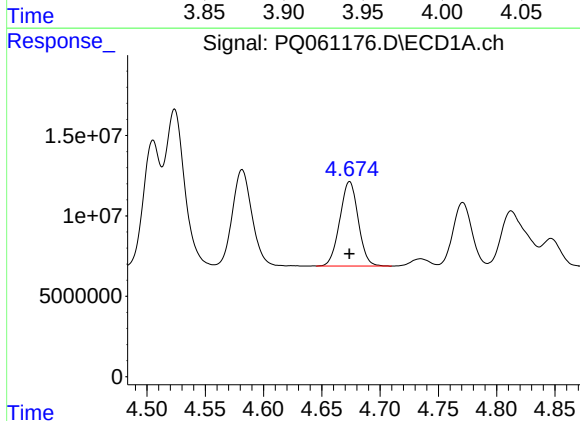
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112288719
Conc: 837.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



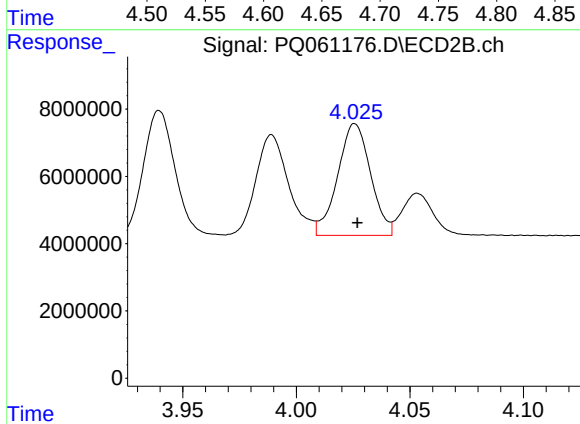
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 35560861
Conc: 863.60 ng/ml



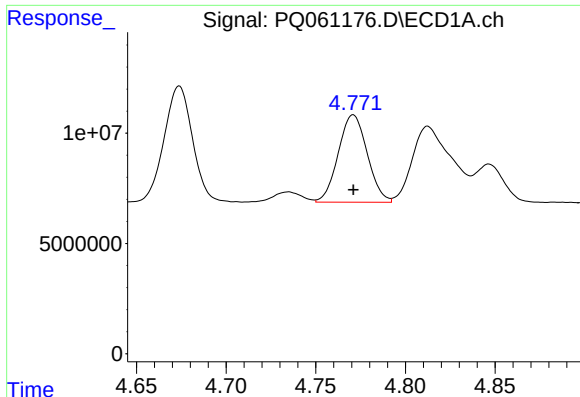
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57870532
Conc: 849.79 ng/ml



#14 AR-1232-4

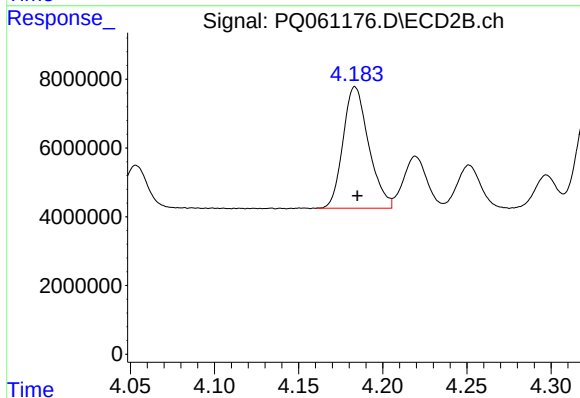
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 33530448
Conc: 933.31 ng/ml



#15 AR-1232-5

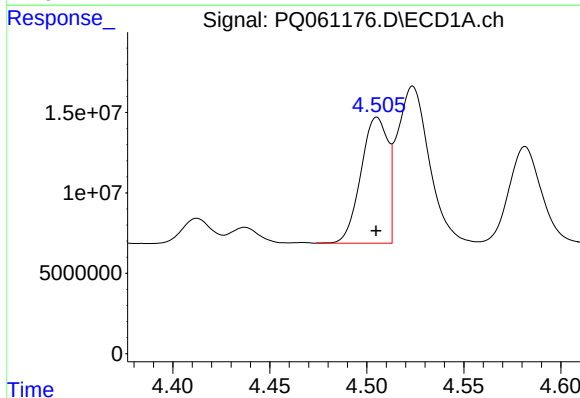
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 44528968
Conc: 914.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



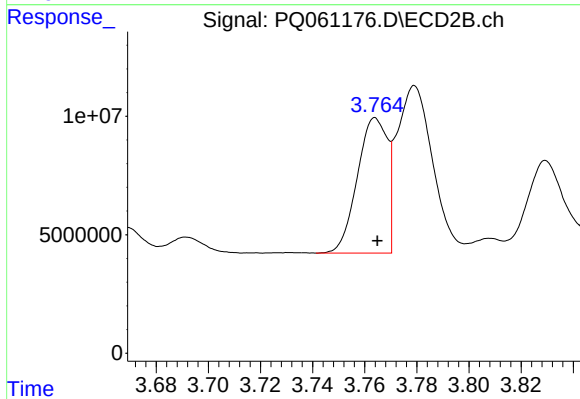
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: -0.001 min
Response: 37549929
Conc: 904.95 ng/ml



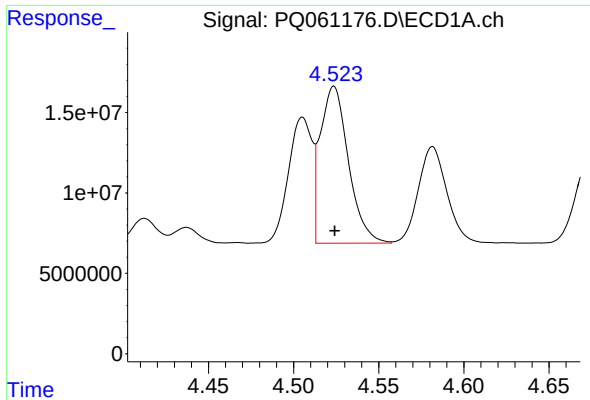
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 75730027
Conc: 448.47 ng/ml



#16 AR-1242-1

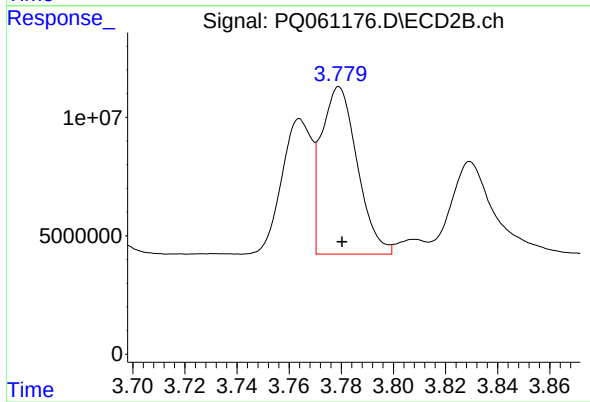
R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 45555472
Conc: 446.36 ng/ml



#17 AR-1242-2

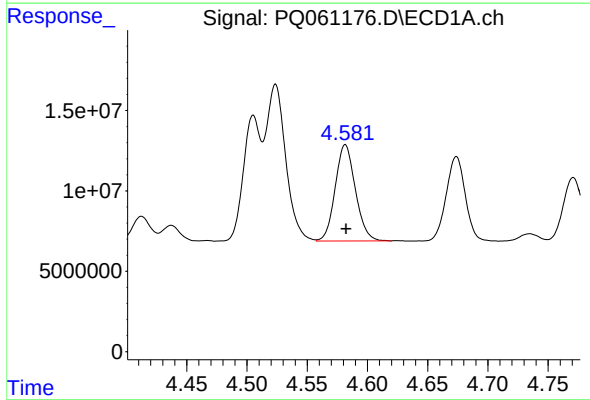
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 112288719
Conc: 452.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



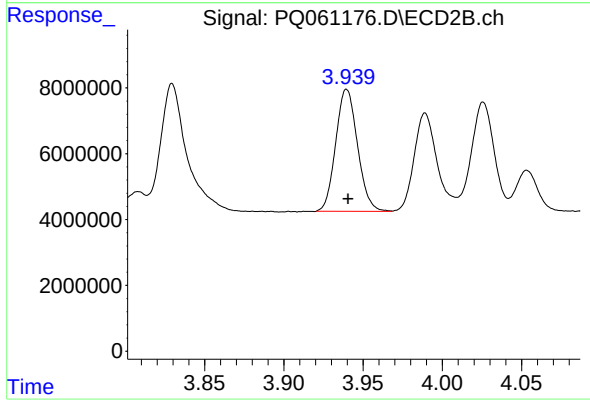
#17 AR-1242-2

R.T.: 3.779 min
Delta R.T.: -0.001 min
Response: 67518844
Conc: 455.11 ng/ml



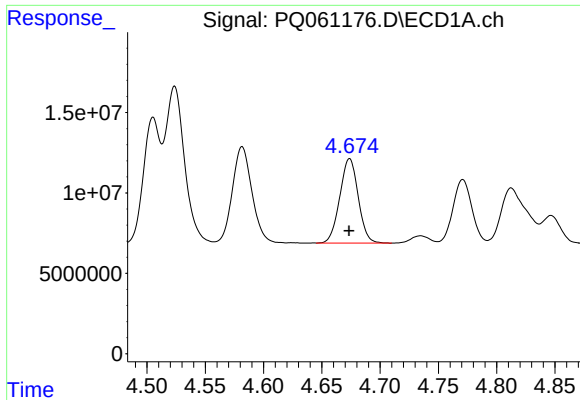
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 69911956
Conc: 449.83 ng/ml



#18 AR-1242-3

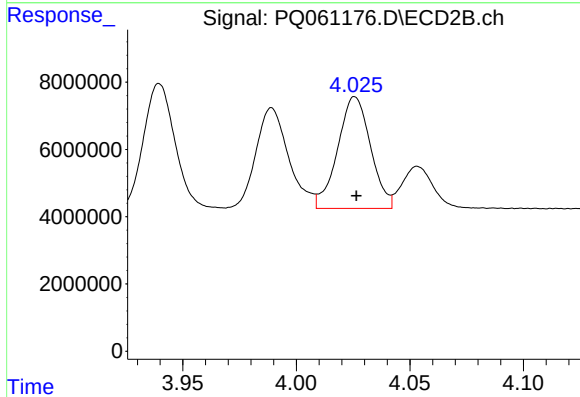
R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 35560861
Conc: 458.22 ng/ml



#19 AR-1242-4

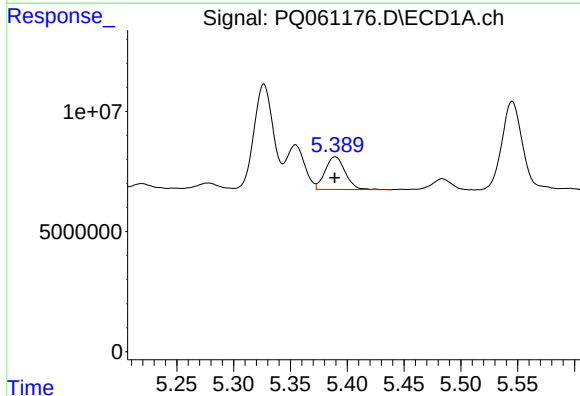
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 57870532
Conc: 456.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



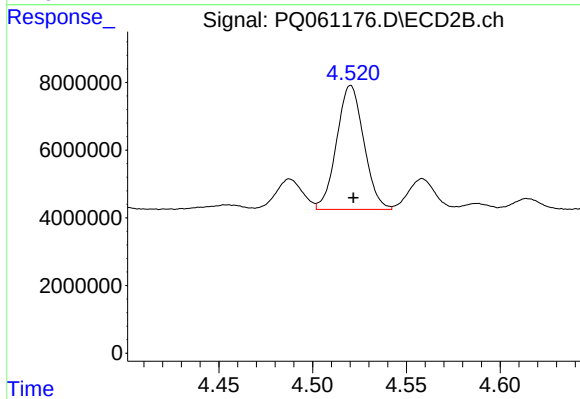
#19 AR-1242-4

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 33530448
Conc: 451.20 ng/ml



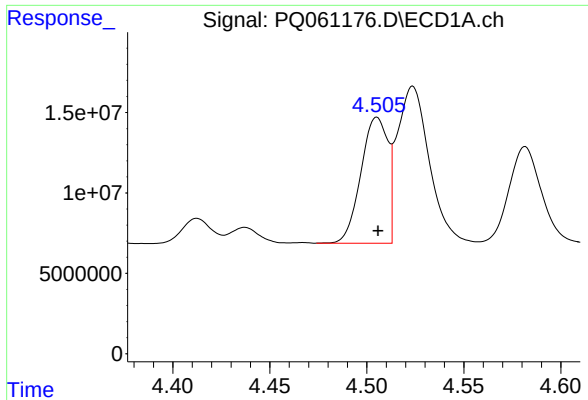
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 16655182
Conc: 119.54 ng/ml



#20 AR-1242-5

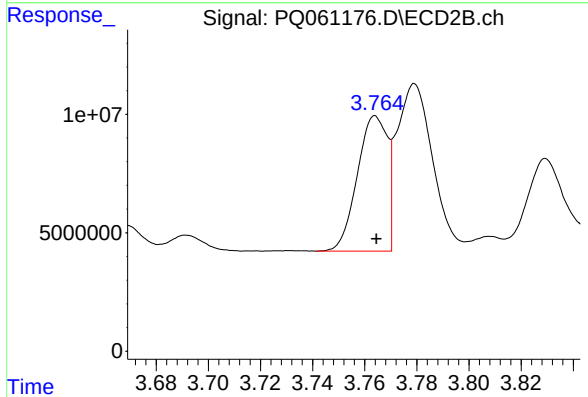
R.T.: 4.520 min
Delta R.T.: -0.002 min
Response: 36989290
Conc: 370.06 ng/ml



#21 AR-1248-1

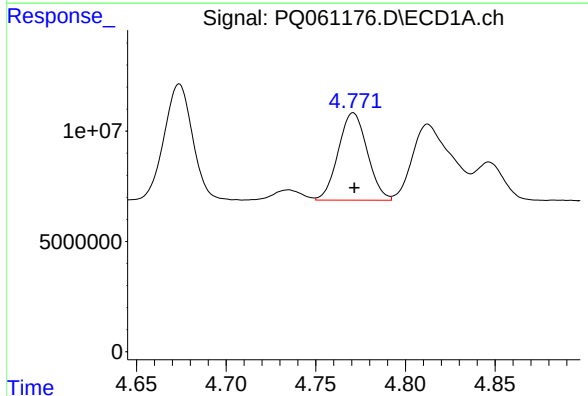
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 75730027
Conc: 598.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



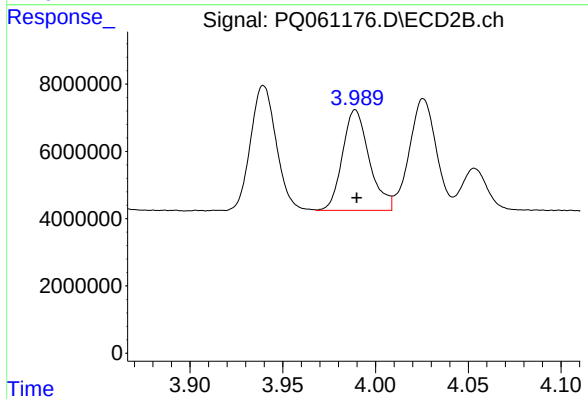
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 45555472
Conc: 582.16 ng/ml



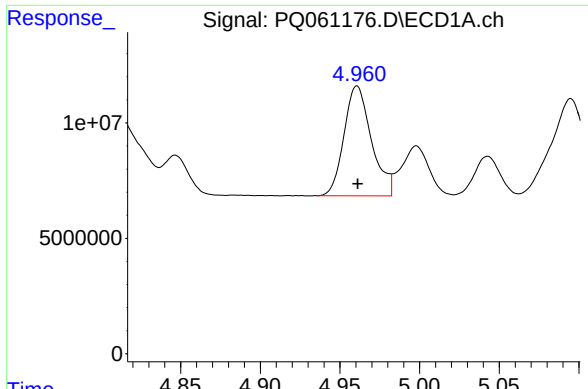
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 44528968
Conc: 262.06 ng/ml



#22 AR-1248-2

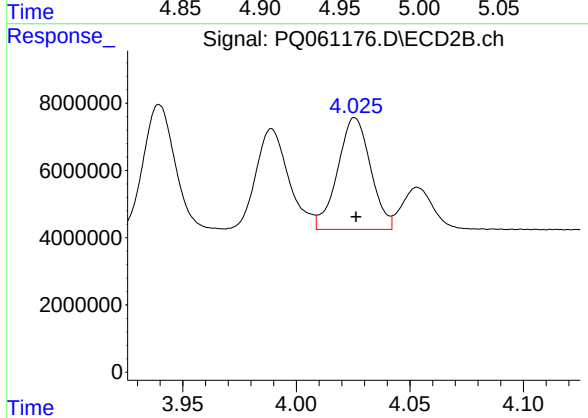
R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 30075731
Conc: 261.87 ng/ml



#23 AR-1248-3

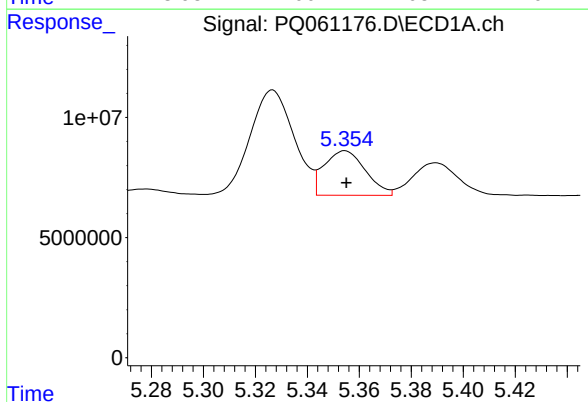
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 56974534
Conc: 277.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



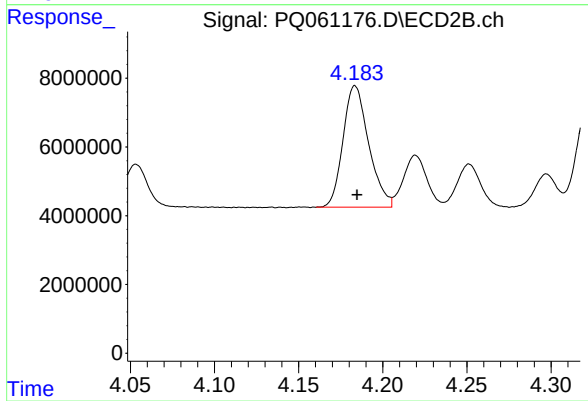
#23 AR-1248-3

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 33530448
Conc: 304.41 ng/ml



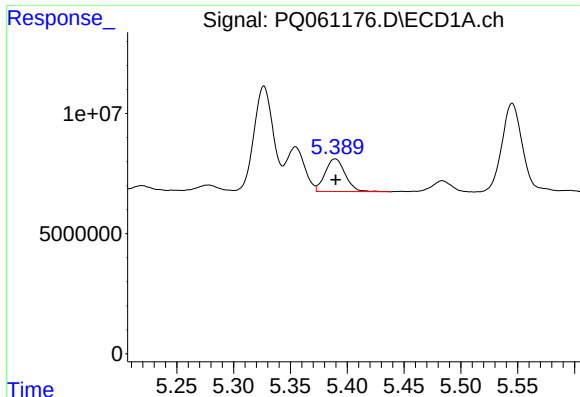
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 20398862
Conc: 86.56 ng/ml



#24 AR-1248-4

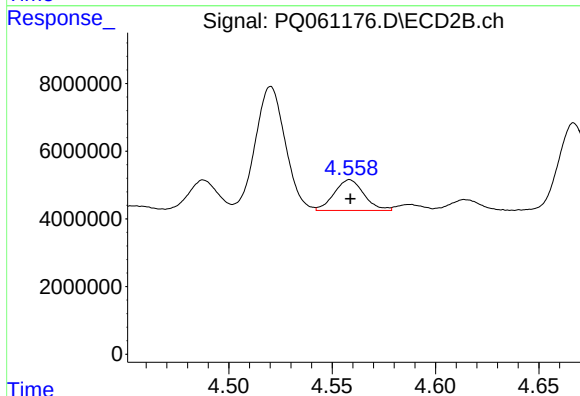
R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 37549929
Conc: 276.12 ng/ml



#25 AR-1248-5

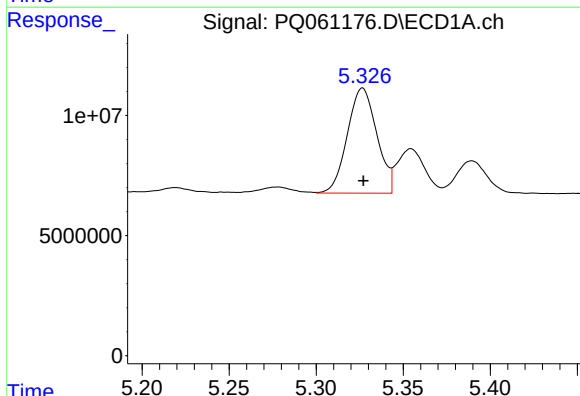
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 16655182
Conc: 72.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



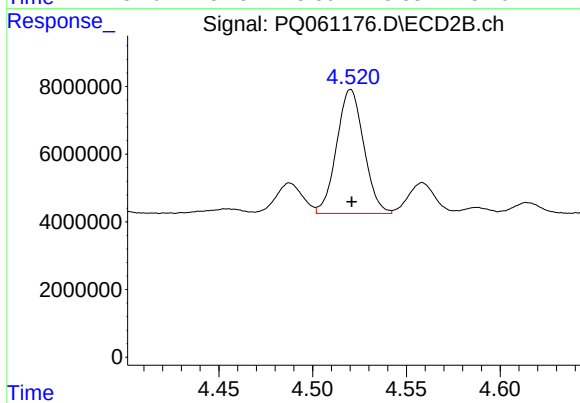
#25 AR-1248-5

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 9142085
Conc: 66.25 ng/ml



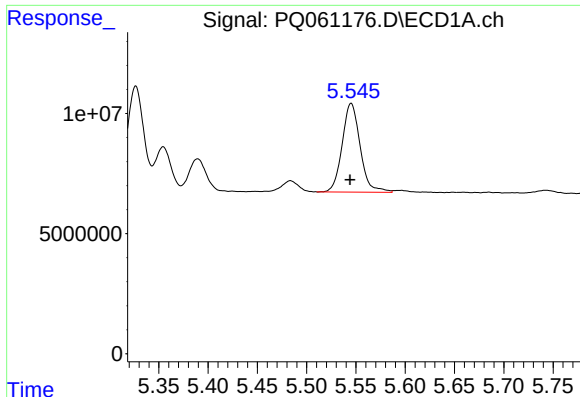
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 51453298
Conc: 226.87 ng/ml



#26 AR-1254-1

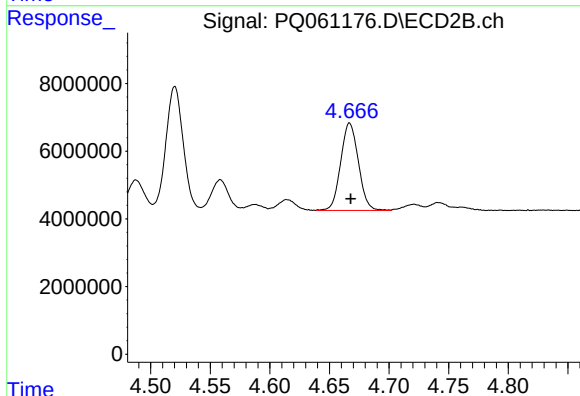
R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 36989290
Conc: 184.51 ng/ml



#27 AR-1254-2

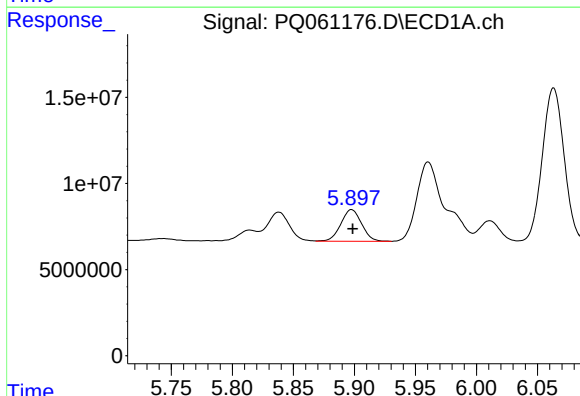
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 46876032
Conc: 132.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



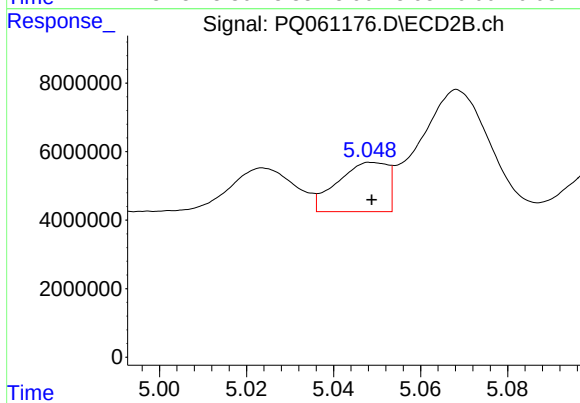
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 26800561
Conc: 152.58 ng/ml



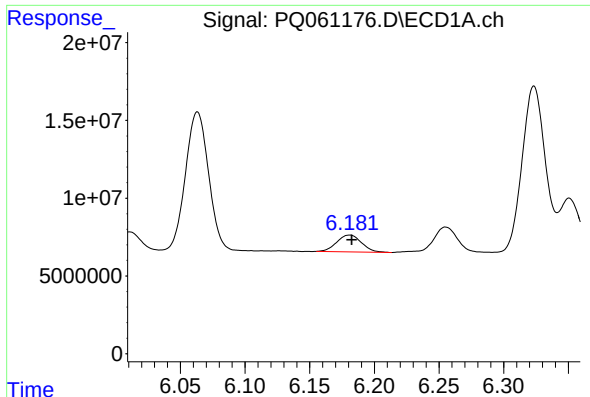
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 21782799
Conc: 57.88 ng/ml



#28 AR-1254-3

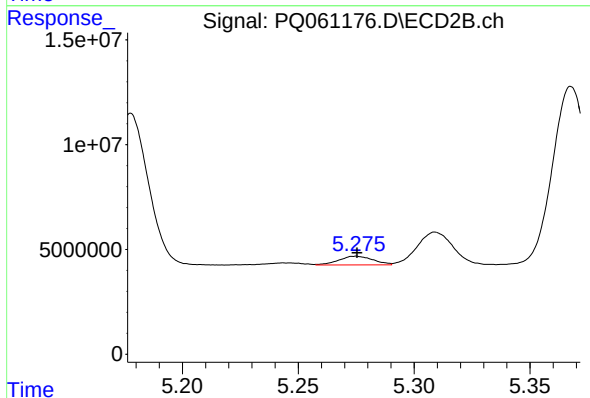
R.T.: 5.049 min
Delta R.T.: 0.000 min
Response: 11443651
Conc: 40.59 ng/ml



#29 AR-1254-4

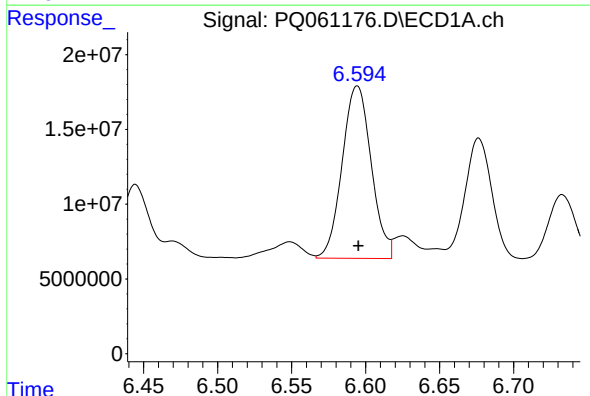
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 14389307
Conc: 51.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



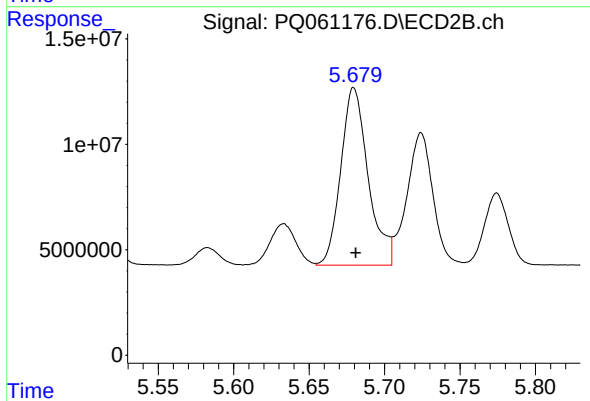
#29 AR-1254-4

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 4269597
Conc: 23.28 ng/ml



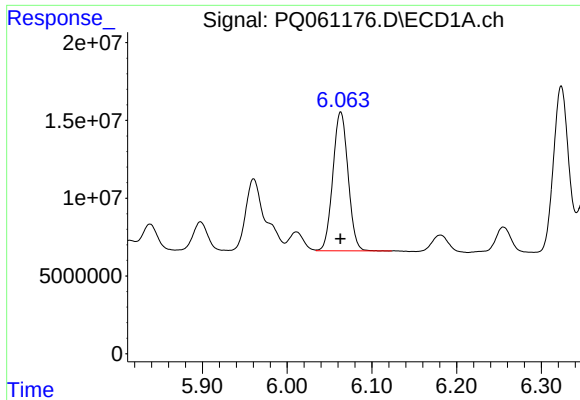
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 157560453
Conc: 498.73 ng/ml



#30 AR-1254-5

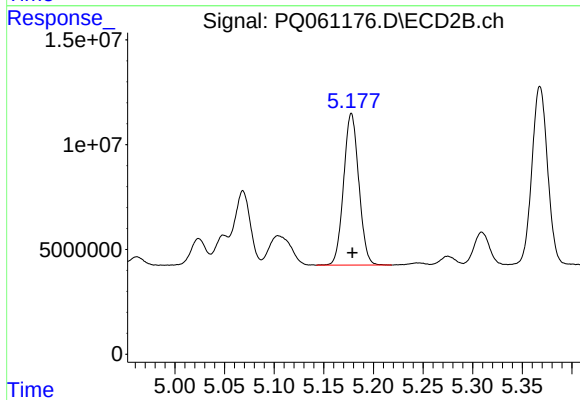
R.T.: 5.680 min
Delta R.T.: -0.001 min
Response: 106418390
Conc: 407.96 ng/ml



#31 AR-1260-1

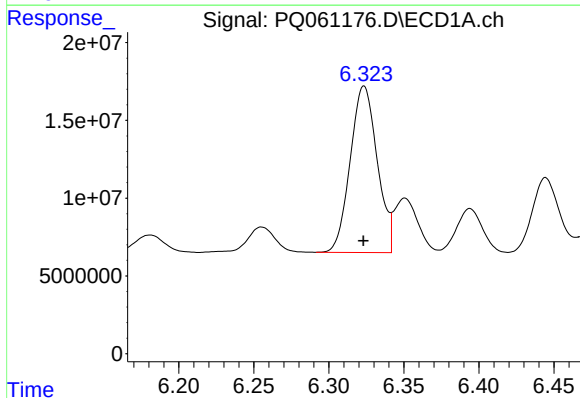
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 111224635
Conc: 381.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



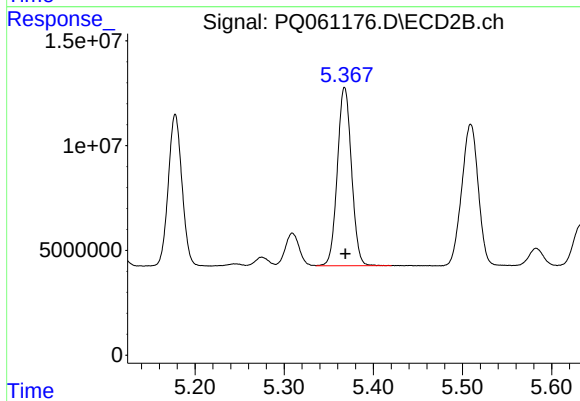
#31 AR-1260-1

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 77022013
Conc: 376.08 ng/ml



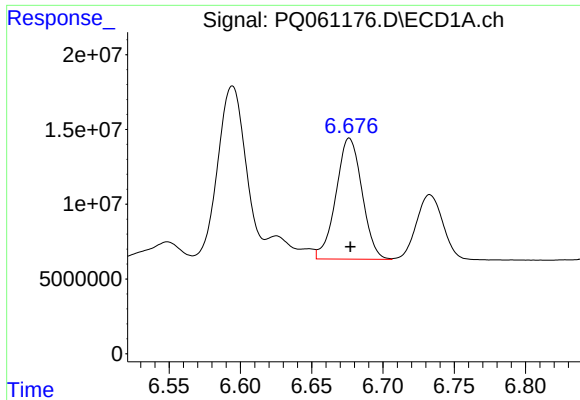
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 133980169
Conc: 376.56 ng/ml



#32 AR-1260-2

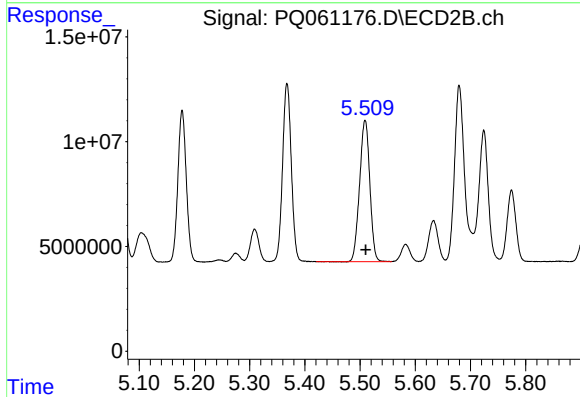
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 93580113
Conc: 372.66 ng/ml



#33 AR-1260-3

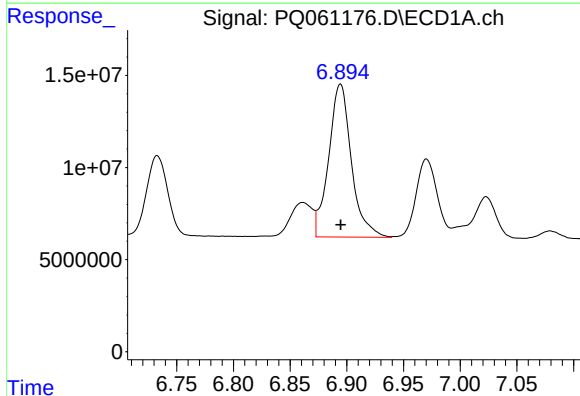
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 103091812
Conc: 388.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



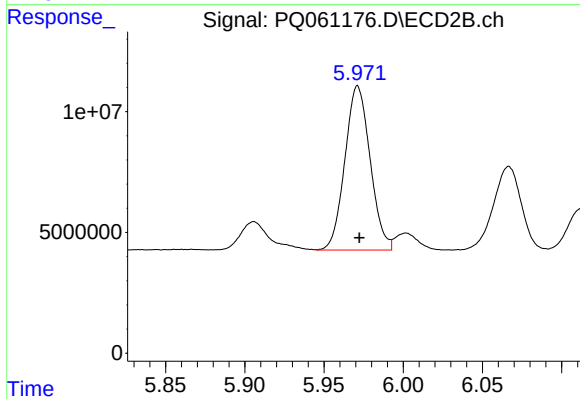
#33 AR-1260-3

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 86783986
Conc: 368.95 ng/ml



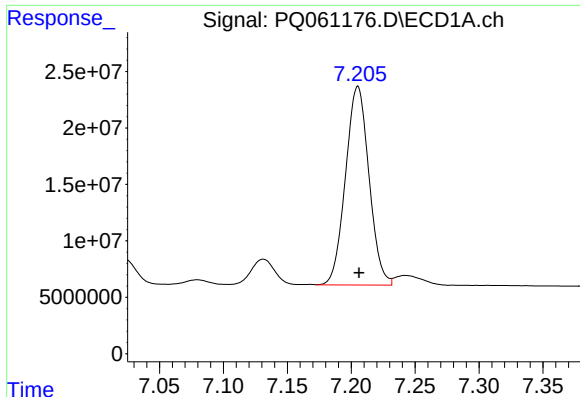
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 115865234
Conc: 389.30 ng/ml



#34 AR-1260-4

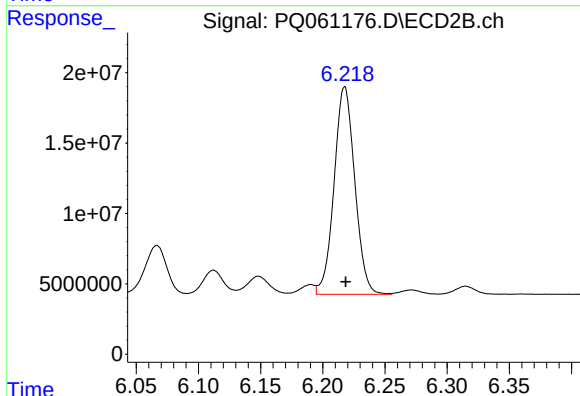
R.T.: 5.971 min
Delta R.T.: -0.001 min
Response: 75408267
Conc: 377.37 ng/ml



#35 AR-1260-5

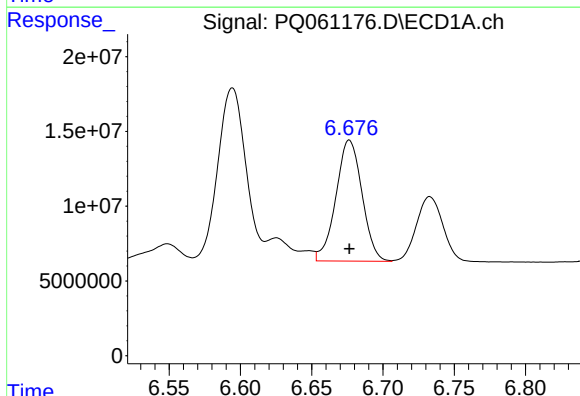
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 225121559
Conc: 387.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



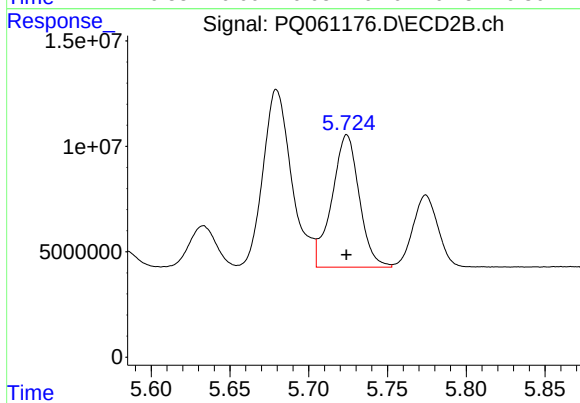
#35 AR-1260-5

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 170772503
Conc: 378.00 ng/ml



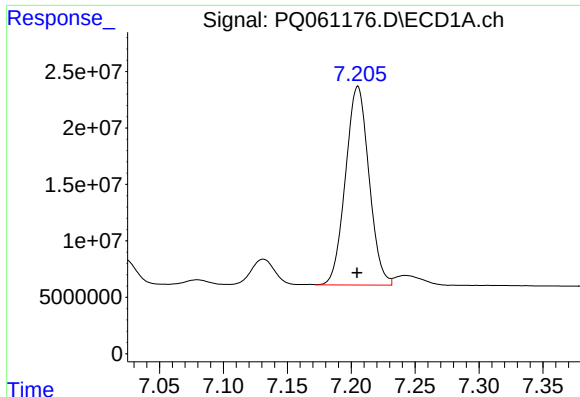
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 103091812
Conc: 266.54 ng/ml



#36 AR-1262-1

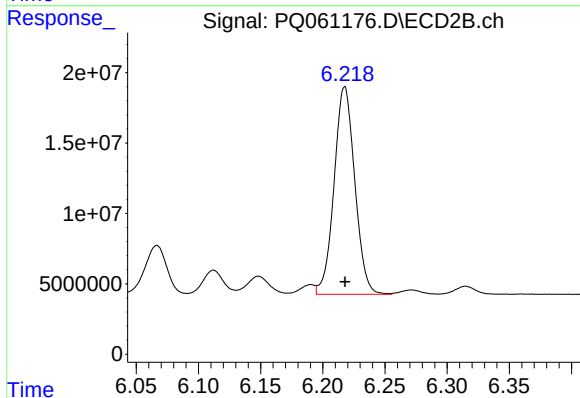
R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 75911651
Conc: 277.36 ng/ml



#37 AR-1262-2

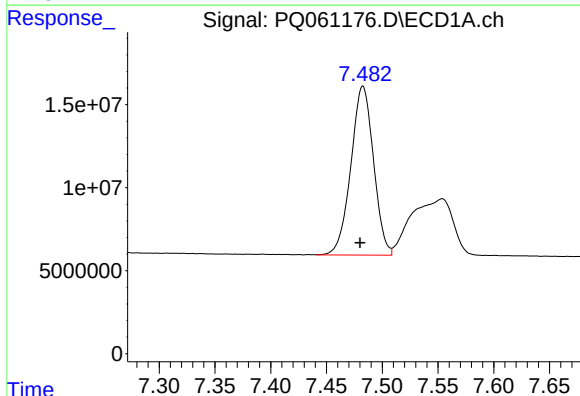
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 225121559
Conc: 339.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



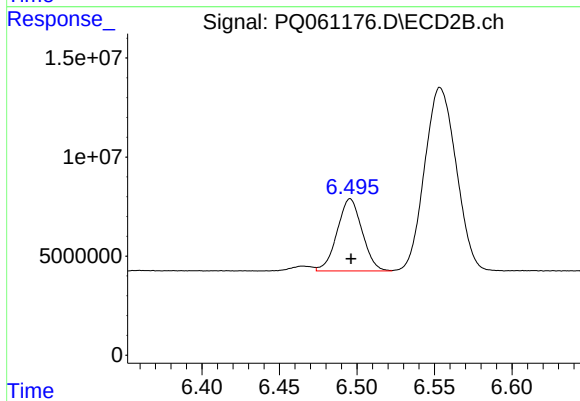
#37 AR-1262-2

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 170772503
Conc: 338.82 ng/ml



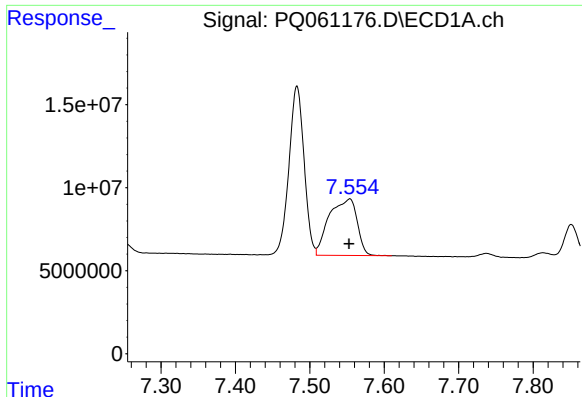
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.003 min
Response: 143610584
Conc: 321.88 ng/ml



#38 AR-1262-3

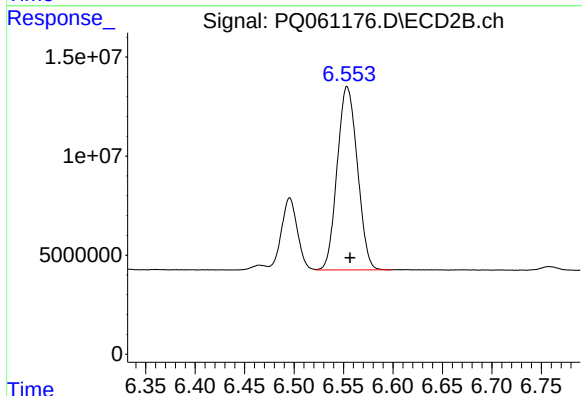
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 40777129
Conc: 198.24 ng/ml



#39 AR-1262-4

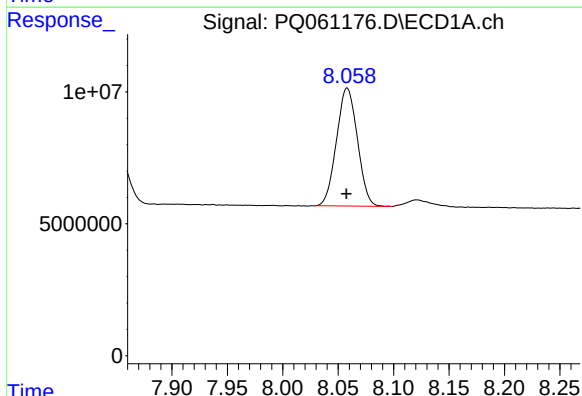
R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 89028037
Conc: 260.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



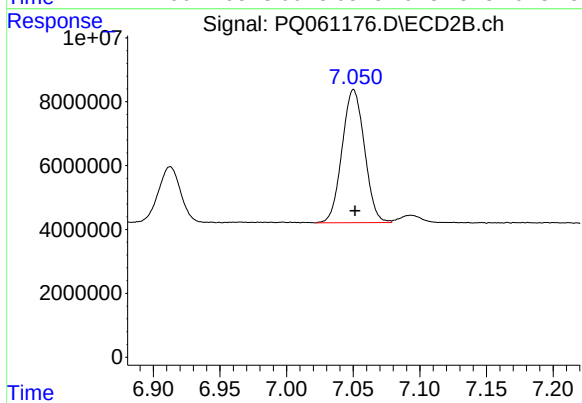
#39 AR-1262-4

R.T.: 6.554 min
Delta R.T.: -0.003 min
Response: 131299710
Conc: 342.41 ng/ml



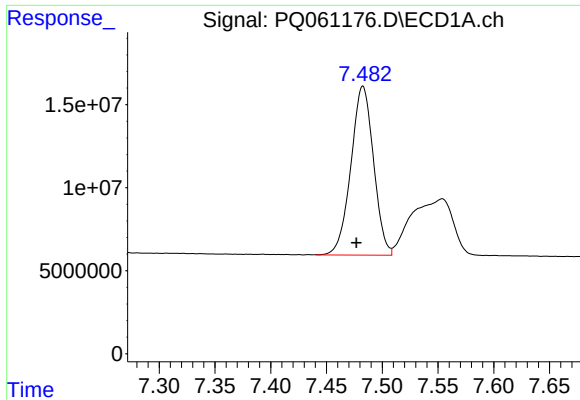
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 58813031
Conc: 262.14 ng/ml



#40 AR-1262-5

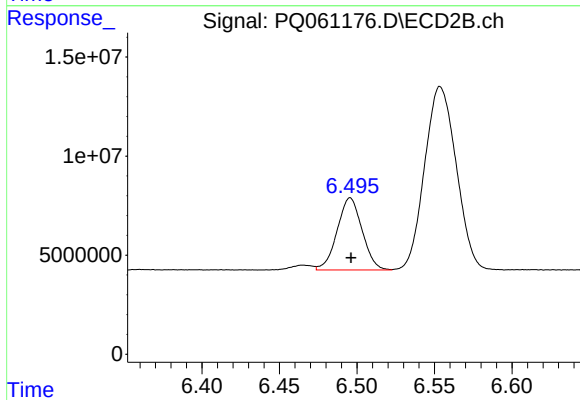
R.T.: 7.050 min
Delta R.T.: -0.001 min
Response: 48701283
Conc: 259.76 ng/ml



#41 AR-1268-1

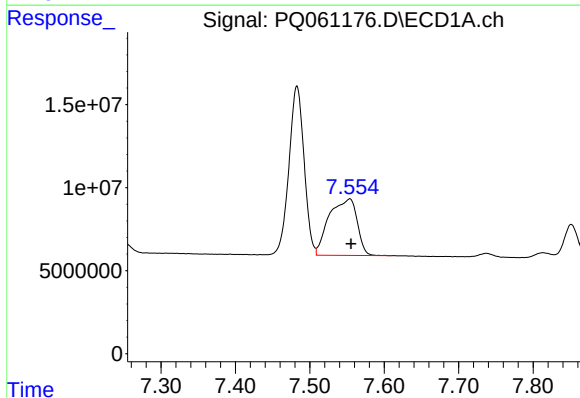
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 143610584
Conc: 241.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



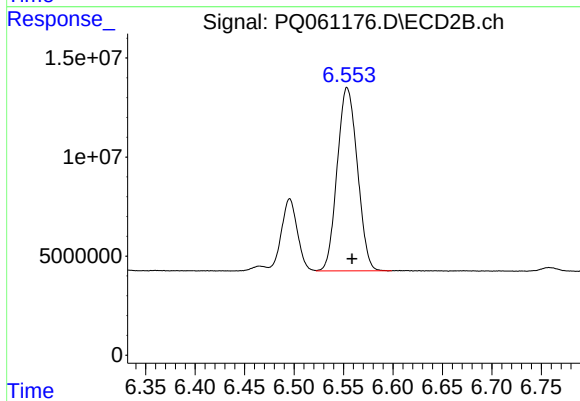
#41 AR-1268-1

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 40777129
Conc: 87.31 ng/ml



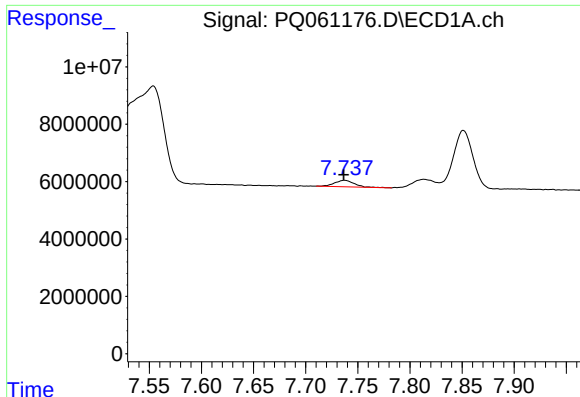
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 89028037
Conc: 165.55 ng/ml



#42 AR-1268-2

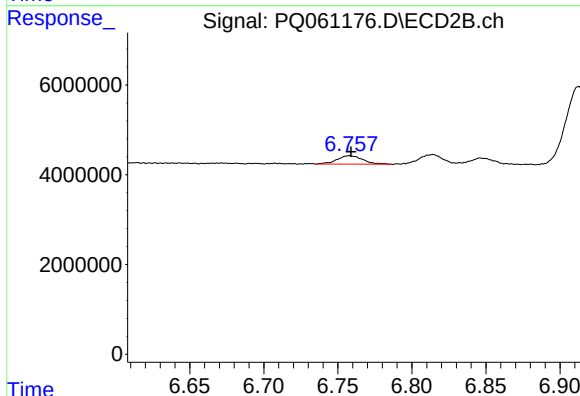
R.T.: 6.554 min
Delta R.T.: -0.005 min
Response: 131299710
Conc: 309.59 ng/ml



#43 AR-1268-3

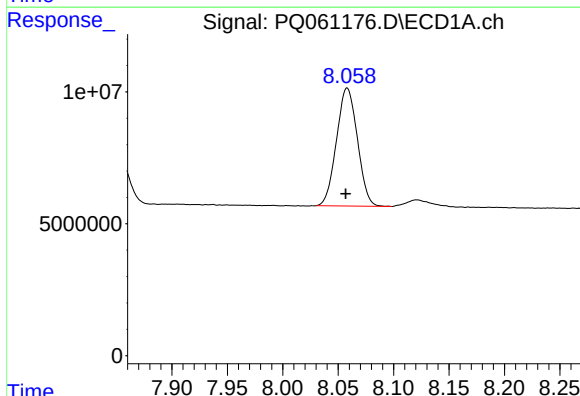
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 2976884
Conc: 6.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



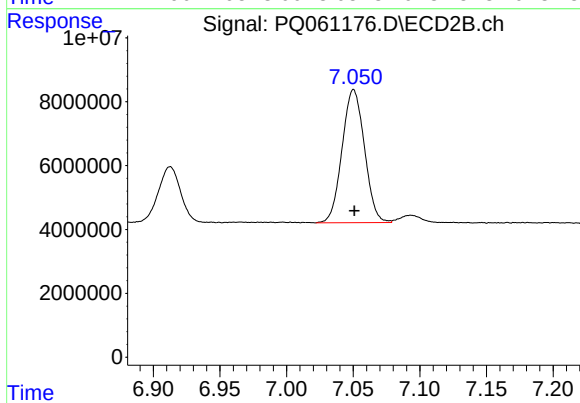
#43 AR-1268-3

R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 2268857
Conc: 6.19 ng/ml



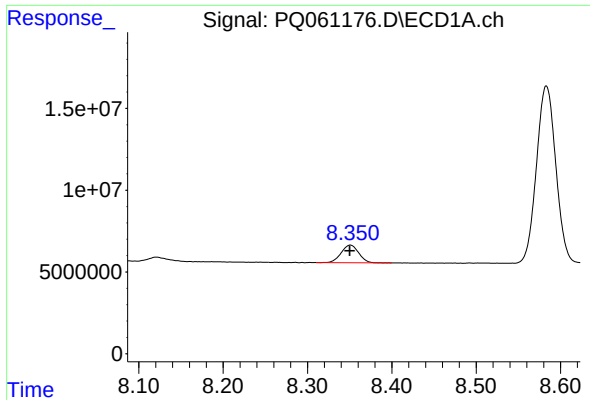
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.001 min
Response: 58813031
Conc: 300.10 ng/ml



#44 AR-1268-4

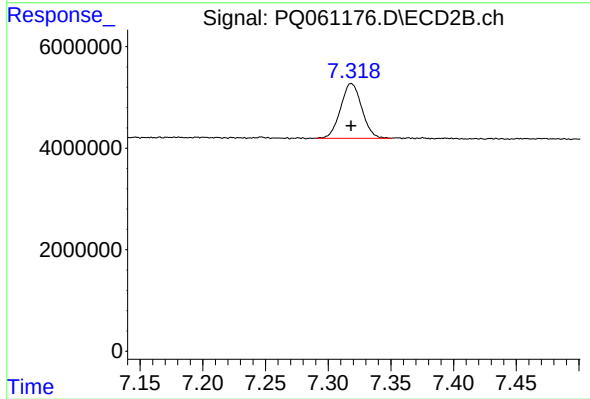
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 48701283
Conc: 296.15 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 15491905
Conc: 11.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 12687372
Conc: 10.81 ng/ml