

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042623\
 Data File : PQ061093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2023 12:21
 Operator : YP\AJ
 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: Apr 25 18:20:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 15 02:06:41 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	2.762	151.2E6	69671500	17.250	17.934
2)	SA Decachlor...	8.586	7.537	200.6E6	158.3E6	33.463	35.970
Target Compounds							
3)	L1 AR-1016-1	4.505	3.765	99236980	51700885	336.576	367.578
4)	L1 AR-1016-2	4.524	3.780	146.5E6	74299165	338.133	363.430
5)	L1 AR-1016-3	4.582	3.941	92397325	39378683	338.371	364.932
6)	L1 AR-1016-4	4.674	3.990	76786791	33063688	339.883	366.826
7)	L1 AR-1016-5	4.961	4.185	75845263	42312826	344.545	374.711
8)	L2 AR-1221-1	3.602	2.964	11611510	5290098	107.314	98.570
9)	L2 AR-1221-2	3.684	3.041	14522324	6524166	206.191	184.651
10)	L2 AR-1221-3	3.754	3.109	56028926	27984869	239.515	250.792
11)	L3 AR-1232-1	3.754	3.109	56028926	27984869	278.980	295.720
12)	L3 AR-1232-2	4.247	3.780	75759417	74299165	712.613	788.621
13)	L3 AR-1232-3	4.524	3.941	146.5E6	39378683	726.629	818.624
14)	L3 AR-1232-4	4.674	4.027	76786791	37025862	748.395	888.065
15)	L3 AR-1232-5	4.771	4.185	58666358	42312826	808.698	879.411
16)	L4 AR-1242-1	4.505	3.765	99236980	51700885	406.302	438.299
17)	L4 AR-1242-2	4.524	3.780	146.5E6	74299165	410.224	437.474
18)	L4 AR-1242-3	4.582	3.941	92397325	39378683	414.384	435.203
19)	L4 AR-1242-4	4.674	4.027	76786791	37025862	413.710	439.340
20)	L4 AR-1242-5	5.391	4.521	13480665	41890127	67.150	372.262 #
21)	L5 AR-1248-1	4.505	3.765	99236980	51700885	512.331	550.022
22)	L5 AR-1248-2	4.771	3.990	58666358	33063688	230.280	245.301
23)	L5 AR-1248-3	4.961	4.027	75845263	37025862	247.372	286.594
24)	L5 AR-1248-4	5.354	4.185	26627308	42312826	75.759	267.133 #
25)	L5 AR-1248-5	5.391	4.559	13480665	11167145	39.150	68.644 #
26)	L6 AR-1254-1	5.327	4.521	69173219	41890127	204.475	177.055
27)	L6 AR-1254-2	5.546	4.668	61323323	29420342	120.389	142.202
28)	L6 AR-1254-3	5.898	5.069	29214097	59674606	53.095	188.703 #
29)	L6 AR-1254-4	6.181	5.276	24778334	5568245	60.253	26.277 #
30)	L6 AR-1254-5	6.595	5.681	194.6E6	118.0E6	431.006	387.545
31)	L7 AR-1260-1	6.063	5.179	140.9E6	87207722	339.318	382.457
32)	L7 AR-1260-2	6.323	5.369	170.5E6	103.5E6	340.975	368.984
33)	L7 AR-1260-3	6.677	5.510	125.4E6	95628816	338.115	360.231
34)	L7 AR-1260-4	6.894	5.972	140.3E6	81938436	336.476	366.191
35)	L7 AR-1260-5	7.206	6.218	271.0E6	191.8E6	337.530	379.911
36)	L8 AR-1262-1	6.677	5.724	125.4E6	82416758	236.480	260.846
37)	L8 AR-1262-2	7.206	6.218	271.0E6	191.8E6	301.342	331.977
38)	L8 AR-1262-3	7.484	6.497	170.5E6	44140806	282.345	183.682 #
39)	L8 AR-1262-4	7.554	6.555	106.5E6	141.8E6	226.766	324.051 #
40)	L8 AR-1262-5	8.059	7.052	69608433	50912708	226.740	239.226
41)	L9 AR-1268-1	7.484	6.497	170.5E6	44140806	212.093	81.658 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042623\
 Data File : PQ061093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2023 12:21
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

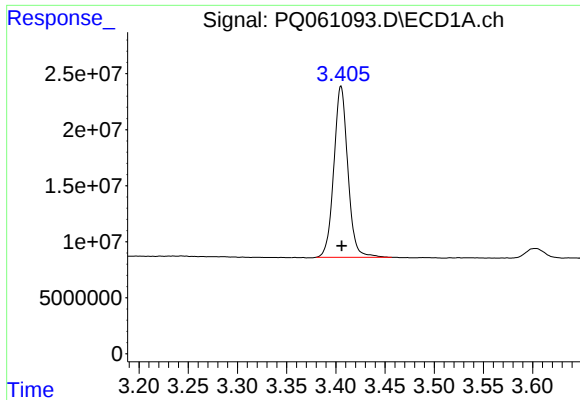
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 18:20:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 15 02:06:41 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
42) L9	AR-1268-2	7.554	6.555	106.5E6	141.8E6	145.175	289.110 #
43) L9	AR-1268-3	7.738	6.760	3165503	2242799	5.203	5.296
44) L9	AR-1268-4	8.059	7.052	69608433	50912708	258.819	266.521
45) L9	AR-1268-5	8.353	7.321	18418455	13533295	10.589	10.009

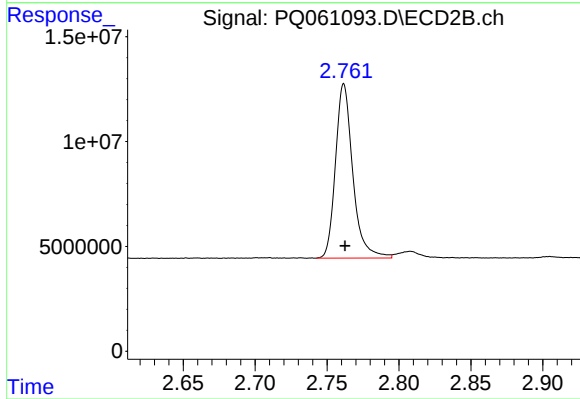
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

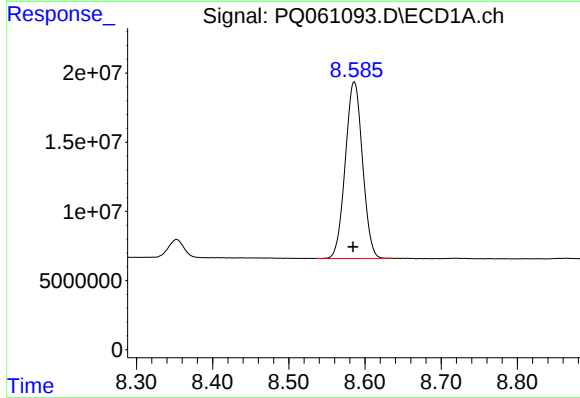
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 151159166
Conc: 17.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



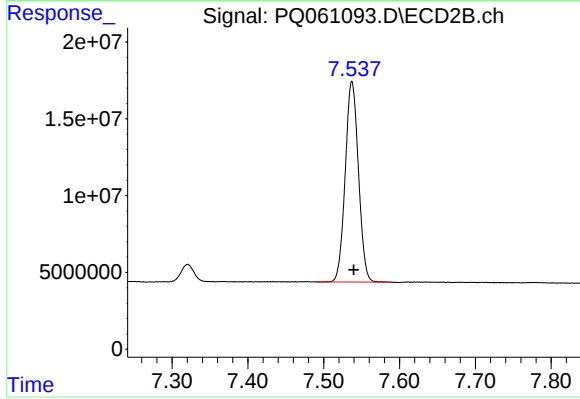
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 69671500
Conc: 17.93 ng/ml



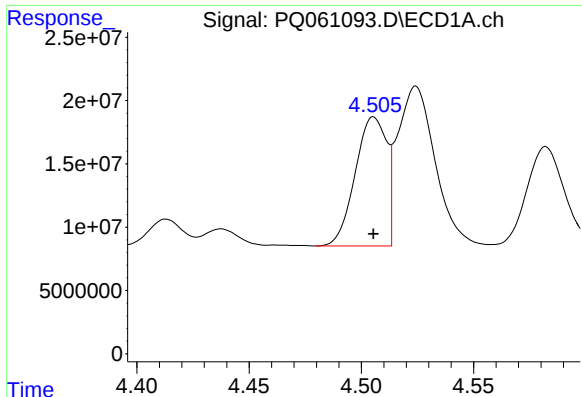
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.001 min
Response: 200597861
Conc: 33.46 ng/ml



#2 Decachlorobiphenyl

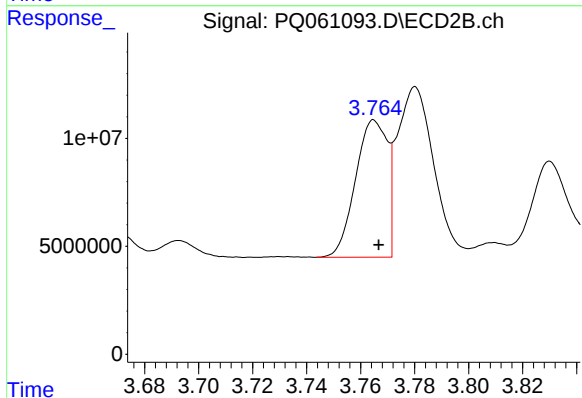
R.T.: 7.537 min
Delta R.T.: -0.003 min
Response: 158282787
Conc: 35.97 ng/ml



#3 AR-1016-1

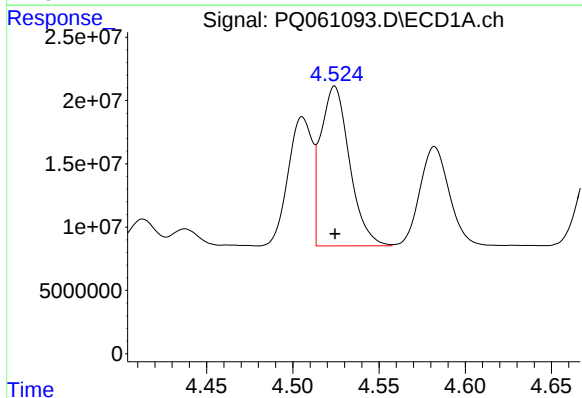
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 99236980
Conc: 336.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



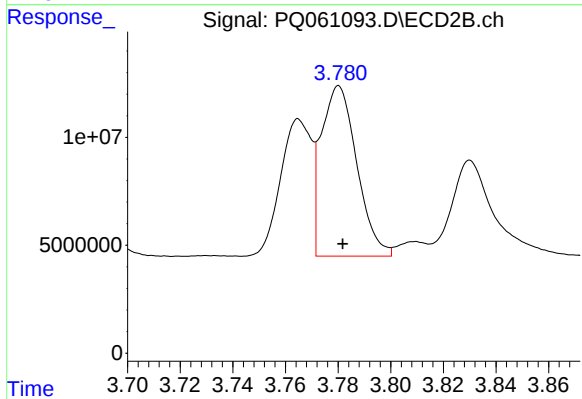
#3 AR-1016-1

R.T.: 3.765 min
Delta R.T.: -0.002 min
Response: 51700885
Conc: 367.58 ng/ml



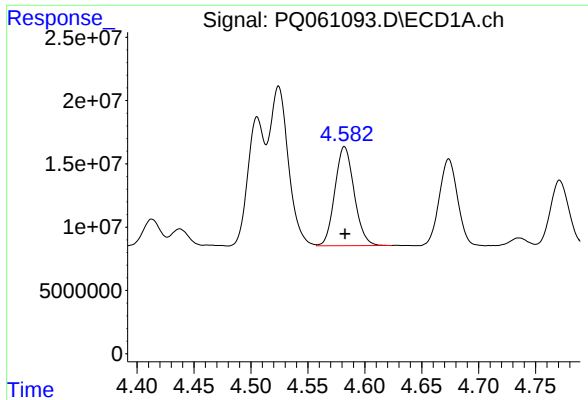
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 146511702
Conc: 338.13 ng/ml



#4 AR-1016-2

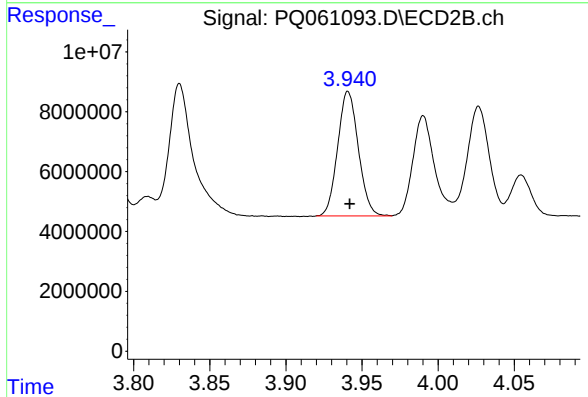
R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 74299165
Conc: 363.43 ng/ml



#5 AR-1016-3

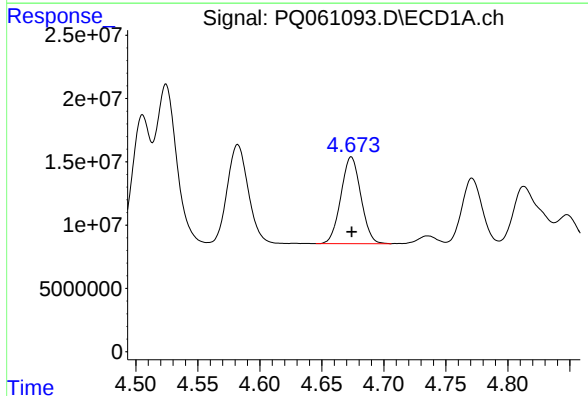
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 92397325
Conc: 338.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



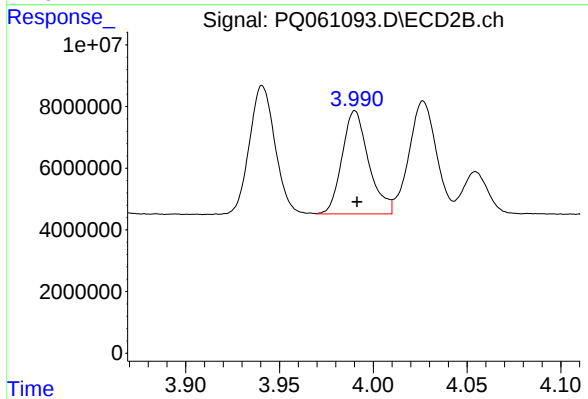
#5 AR-1016-3

R.T.: 3.941 min
Delta R.T.: -0.001 min
Response: 39378683
Conc: 364.93 ng/ml



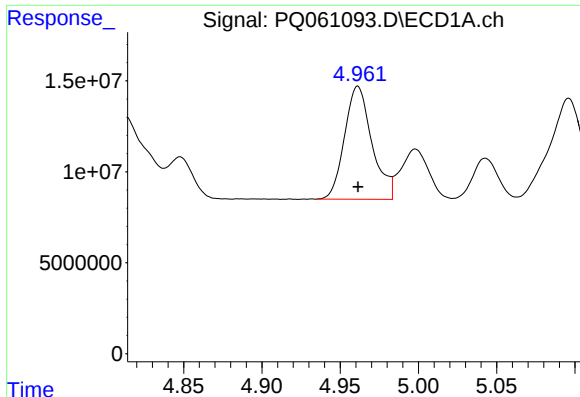
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 76786791
Conc: 339.88 ng/ml



#6 AR-1016-4

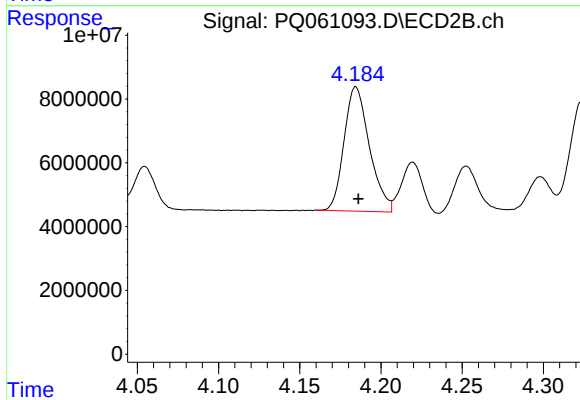
R.T.: 3.990 min
Delta R.T.: -0.001 min
Response: 33063688
Conc: 366.83 ng/ml



#7 AR-1016-5

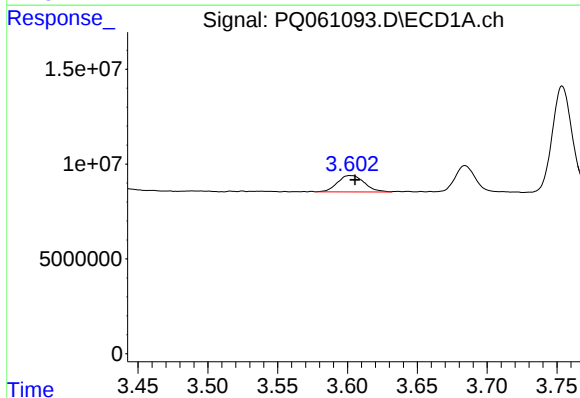
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 75845263
Conc: 344.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



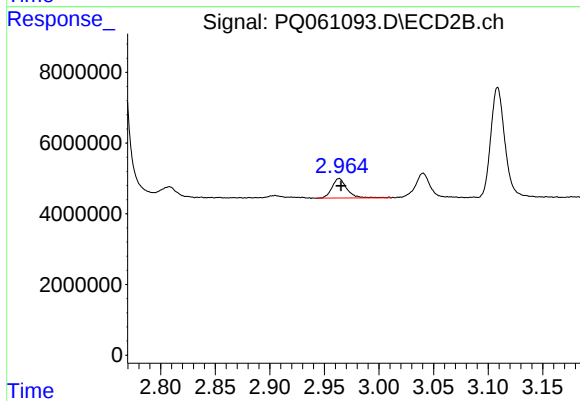
#7 AR-1016-5

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 42312826
Conc: 374.71 ng/ml



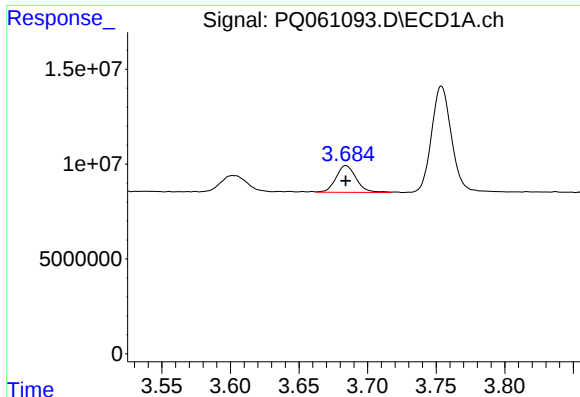
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 11611510
Conc: 107.31 ng/ml



#8 AR-1221-1

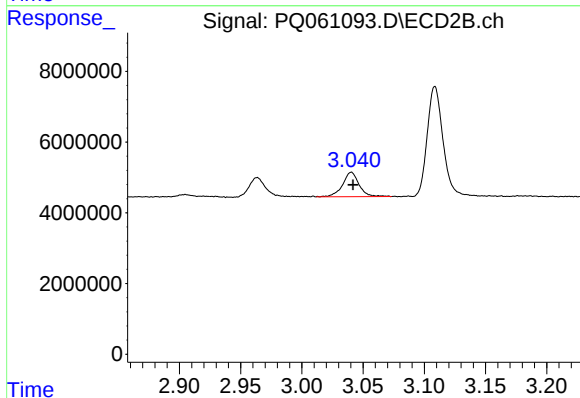
R.T.: 2.964 min
Delta R.T.: -0.001 min
Response: 5290098
Conc: 98.57 ng/ml



#9 AR-1221-2

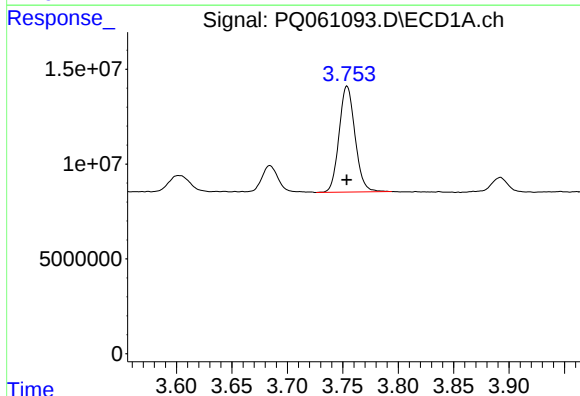
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 14522324
Conc: 206.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



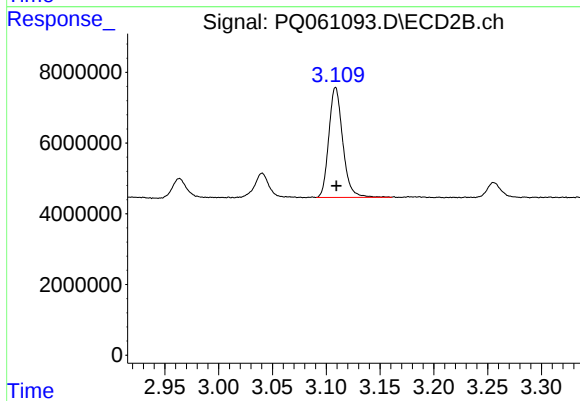
#9 AR-1221-2

R.T.: 3.041 min
Delta R.T.: -0.001 min
Response: 6524166
Conc: 184.65 ng/ml



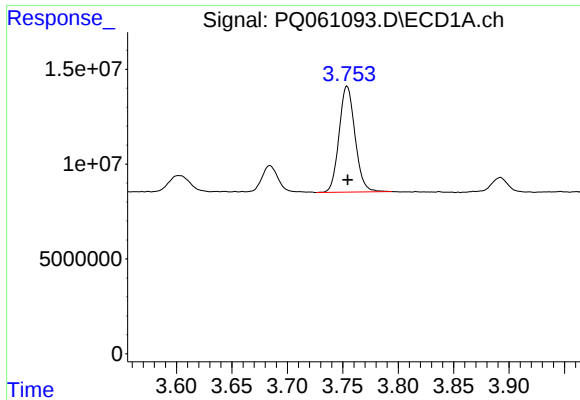
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 56028926
Conc: 239.52 ng/ml



#10 AR-1221-3

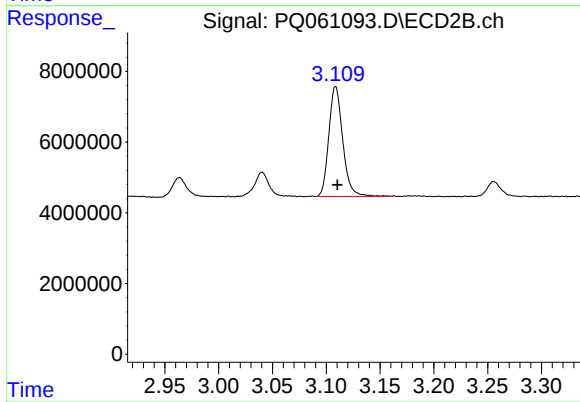
R.T.: 3.109 min
Delta R.T.: 0.000 min
Response: 27984869
Conc: 250.79 ng/ml



#11 AR-1232-1

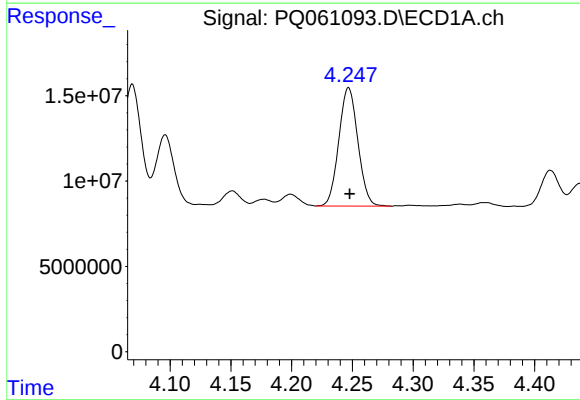
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 56028926
Conc: 278.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



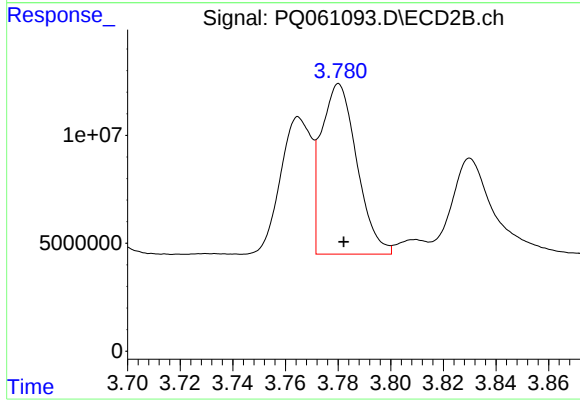
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: -0.001 min
Response: 27984869
Conc: 295.72 ng/ml



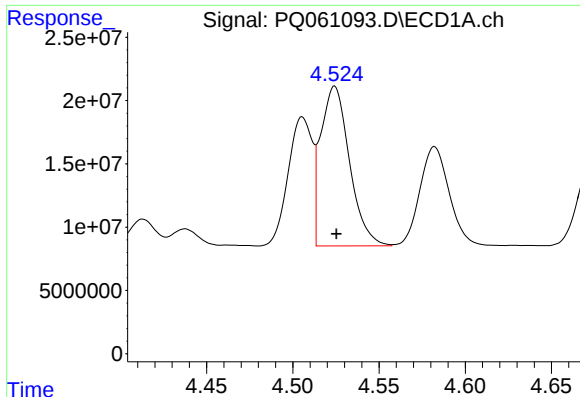
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 75759417
Conc: 712.61 ng/ml



#12 AR-1232-2

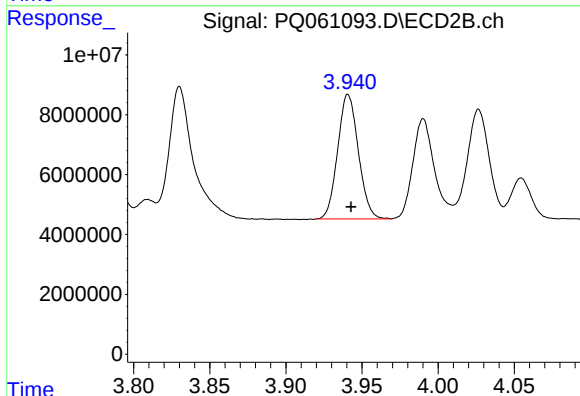
R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 74299165
Conc: 788.62 ng/ml



#13 AR-1232-3

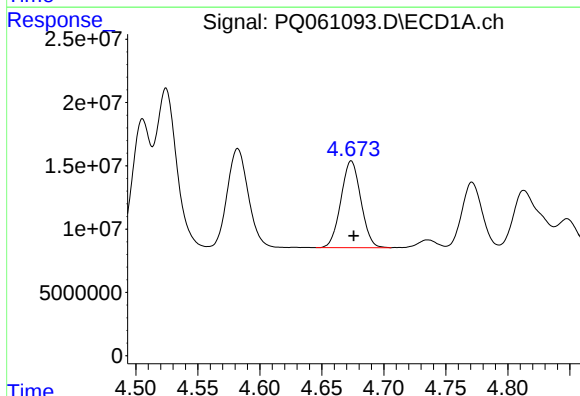
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 146511702
Conc: 726.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



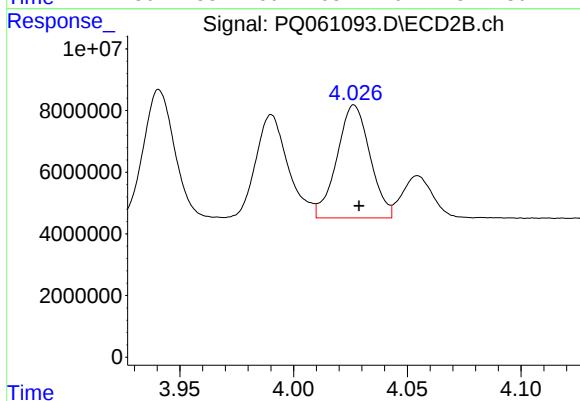
#13 AR-1232-3

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 39378683
Conc: 818.62 ng/ml



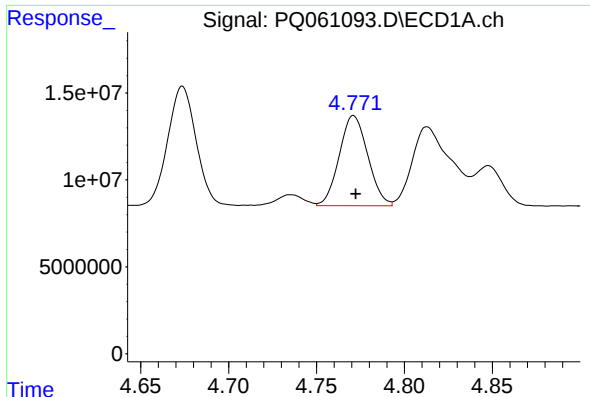
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: -0.002 min
Response: 76786791
Conc: 748.39 ng/ml



#14 AR-1232-4

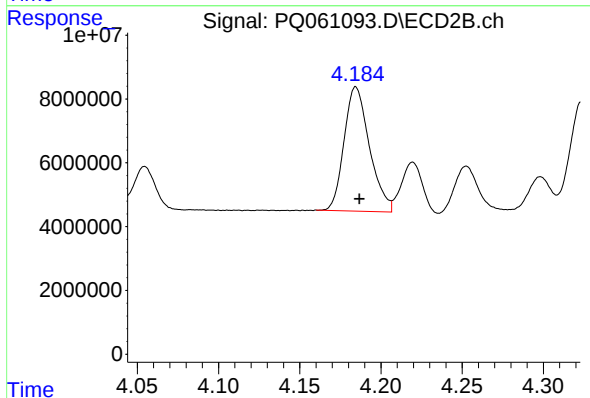
R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 37025862
Conc: 888.06 ng/ml



#15 AR-1232-5

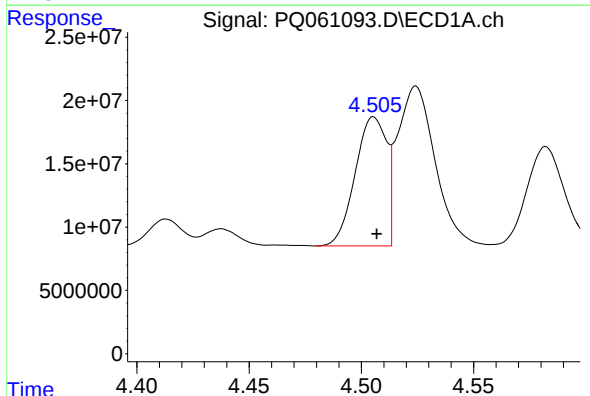
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 58666358
Conc: 808.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



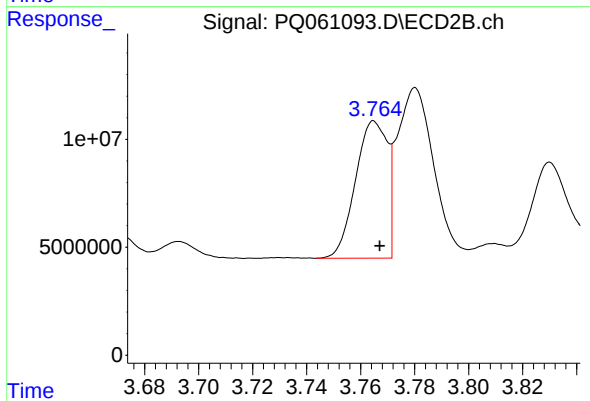
#15 AR-1232-5

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 42312826
Conc: 879.41 ng/ml



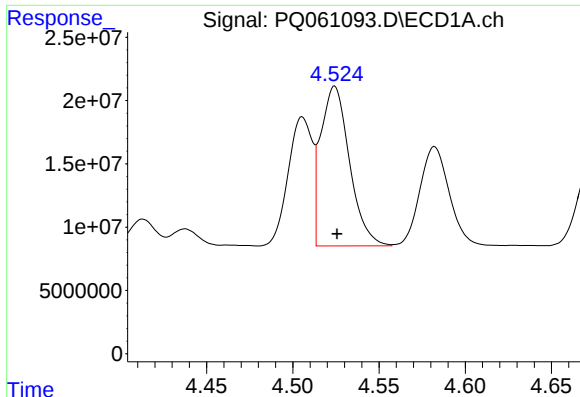
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: -0.001 min
Response: 99236980
Conc: 406.30 ng/ml



#16 AR-1242-1

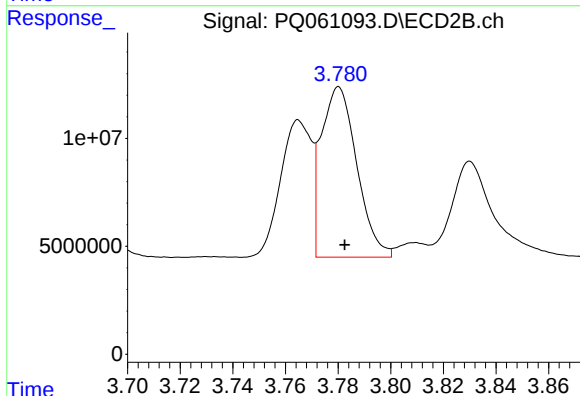
R.T.: 3.765 min
Delta R.T.: -0.002 min
Response: 51700885
Conc: 438.30 ng/ml



#17 AR-1242-2

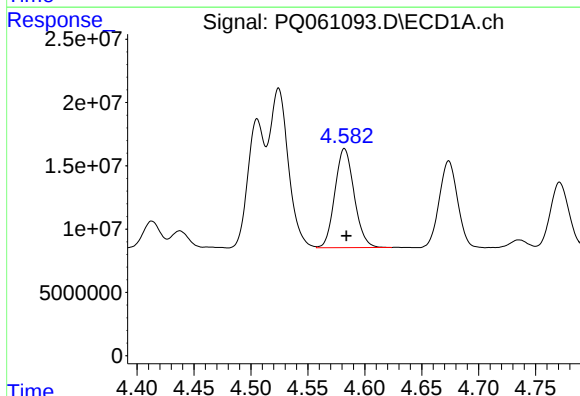
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 146511702
Conc: 410.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



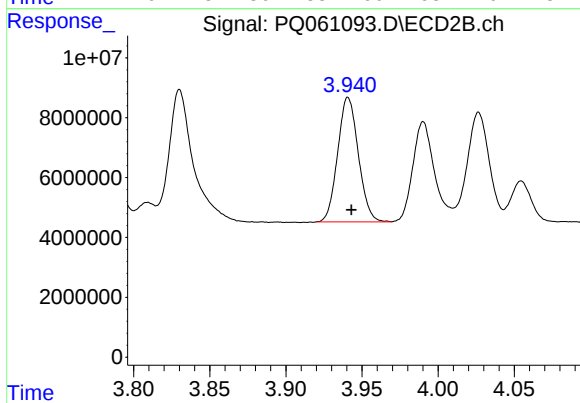
#17 AR-1242-2

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 74299165
Conc: 437.47 ng/ml



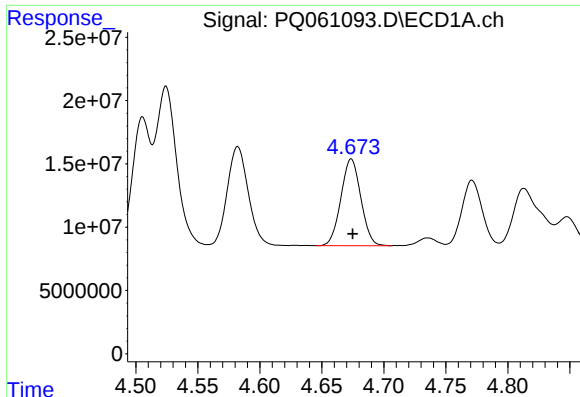
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 92397325
Conc: 414.38 ng/ml



#18 AR-1242-3

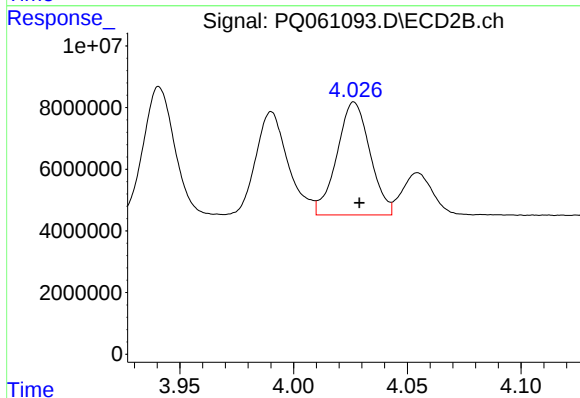
R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 39378683
Conc: 435.20 ng/ml



#19 AR-1242-4

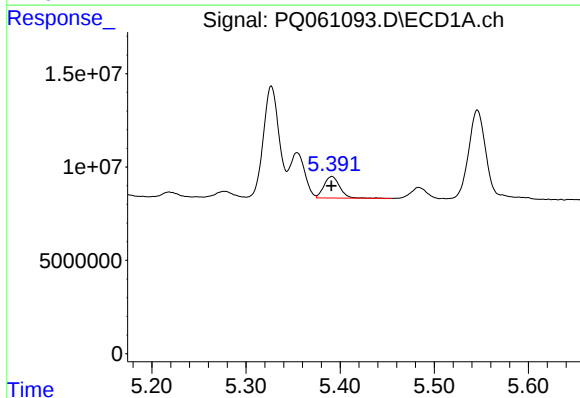
R.T.: 4.674 min
Delta R.T.: -0.001 min
Response: 76786791
Conc: 413.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



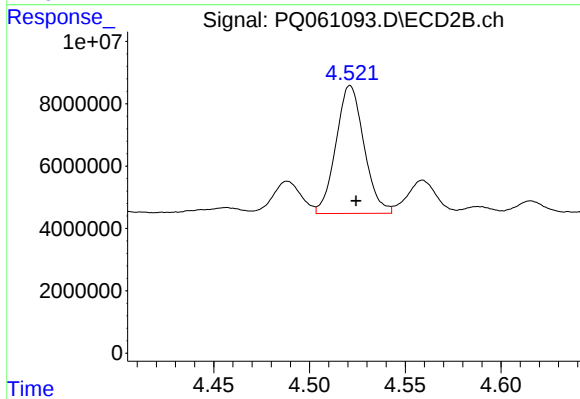
#19 AR-1242-4

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 37025862
Conc: 439.34 ng/ml



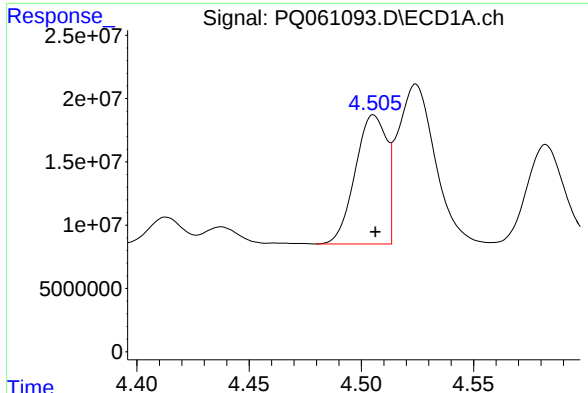
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 13480665
Conc: 67.15 ng/ml



#20 AR-1242-5

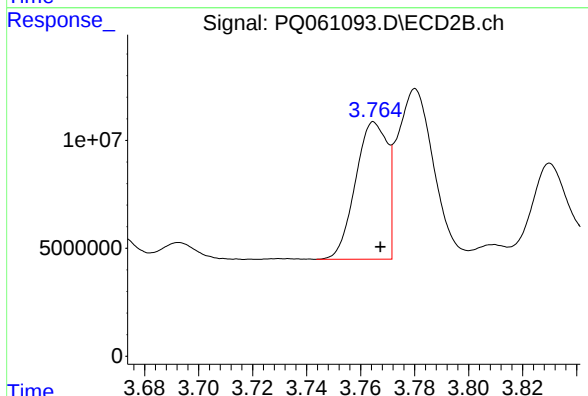
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 41890127
Conc: 372.26 ng/ml



#21 AR-1248-1

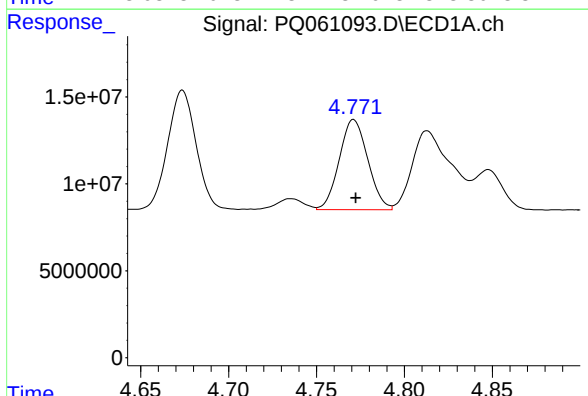
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 99236980
Conc: 512.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



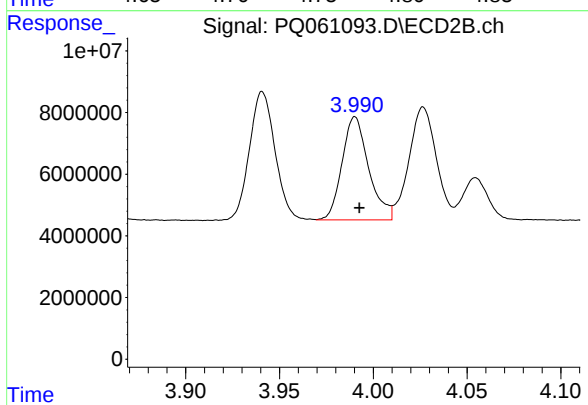
#21 AR-1248-1

R.T.: 3.765 min
Delta R.T.: -0.002 min
Response: 51700885
Conc: 550.02 ng/ml



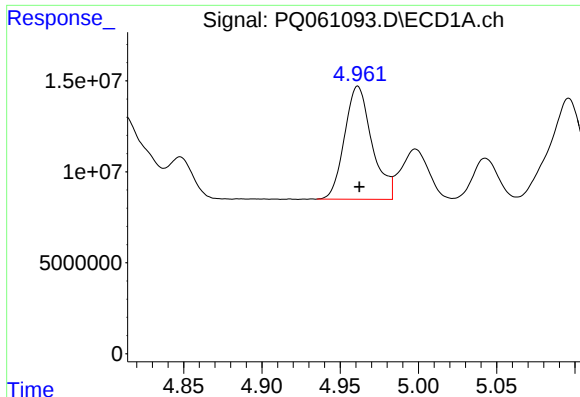
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 58666358
Conc: 230.28 ng/ml



#22 AR-1248-2

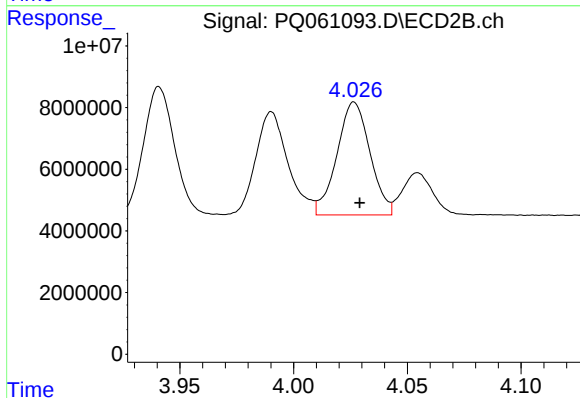
R.T.: 3.990 min
Delta R.T.: -0.002 min
Response: 33063688
Conc: 245.30 ng/ml



#23 AR-1248-3

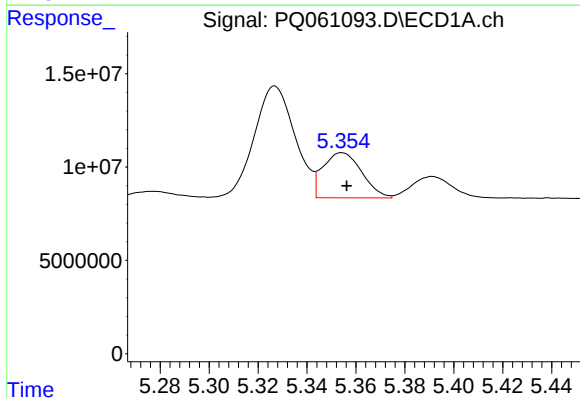
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 75845263
Conc: 247.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



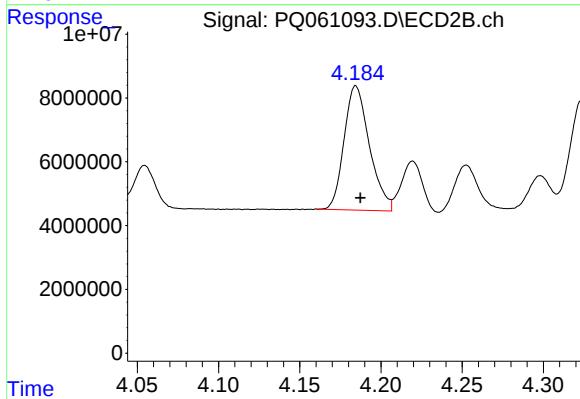
#23 AR-1248-3

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 37025862
Conc: 286.59 ng/ml



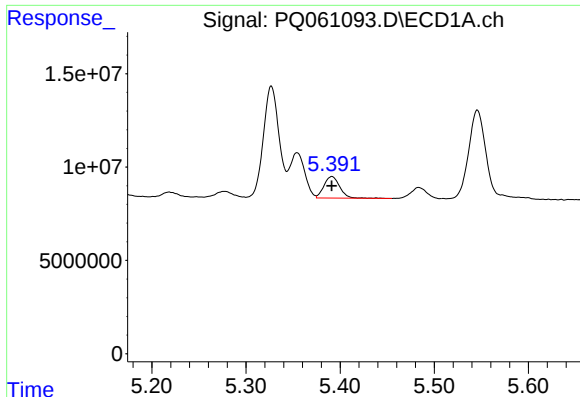
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.002 min
Response: 26627308
Conc: 75.76 ng/ml



#24 AR-1248-4

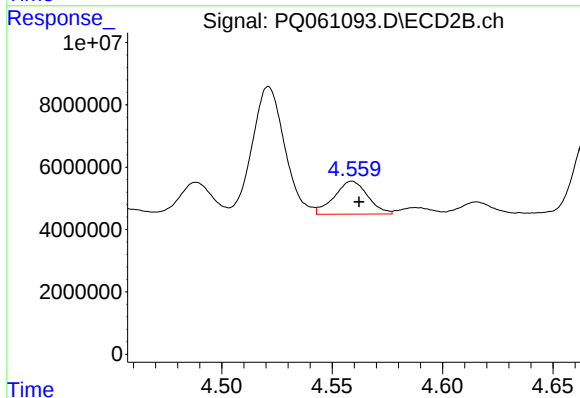
R.T.: 4.185 min
Delta R.T.: -0.003 min
Response: 42312826
Conc: 267.13 ng/ml



#25 AR-1248-5

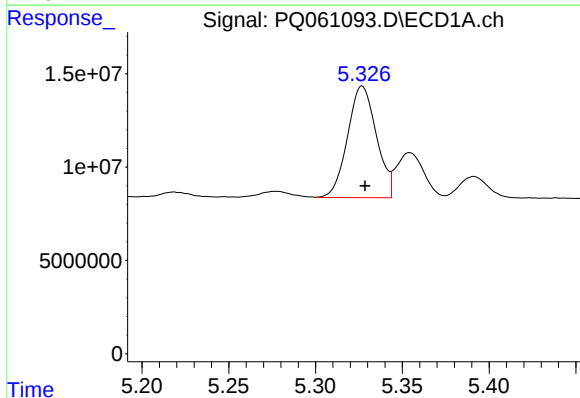
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 13480665
Conc: 39.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



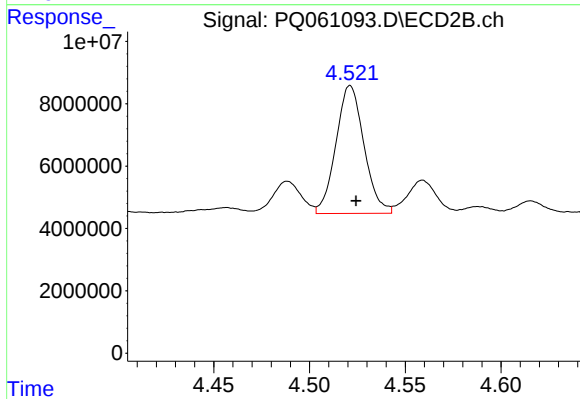
#25 AR-1248-5

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 11167145
Conc: 68.64 ng/ml



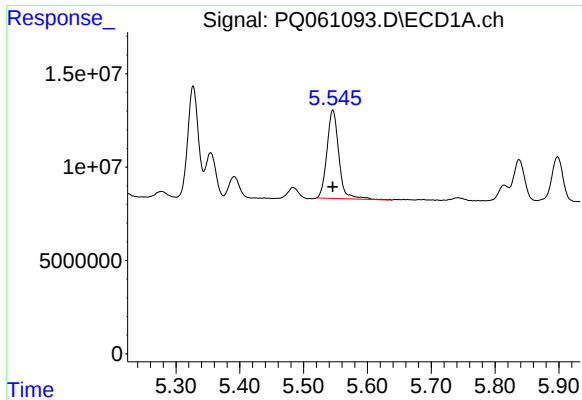
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 69173219
Conc: 204.47 ng/ml



#26 AR-1254-1

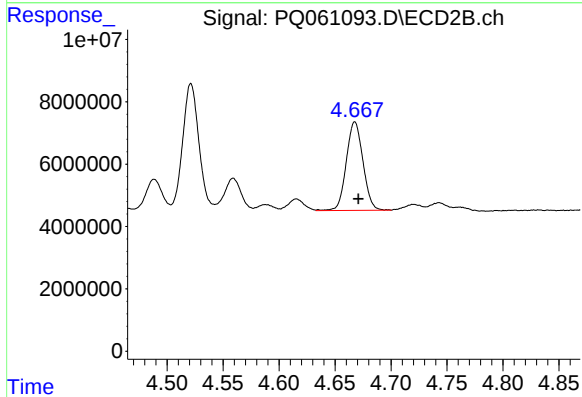
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 41890127
Conc: 177.05 ng/ml



#27 AR-1254-2

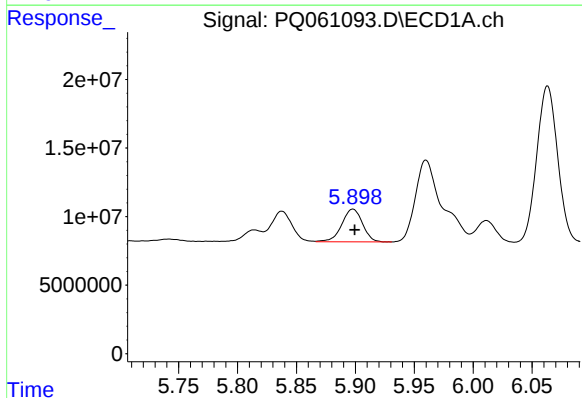
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 61323323
Conc: 120.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



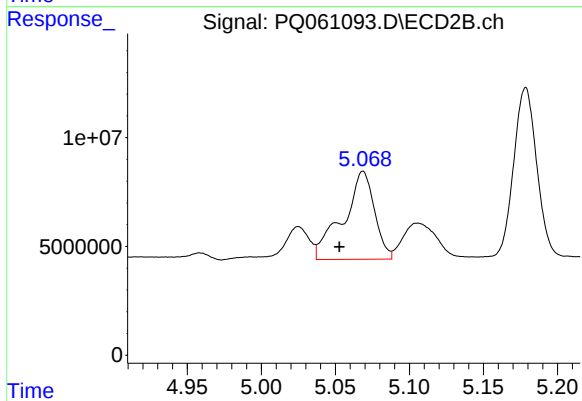
#27 AR-1254-2

R.T.: 4.668 min
Delta R.T.: -0.003 min
Response: 29420342
Conc: 142.20 ng/ml



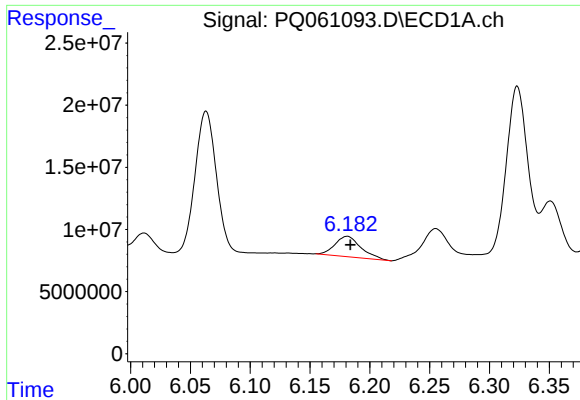
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 29214097
Conc: 53.10 ng/ml



#28 AR-1254-3

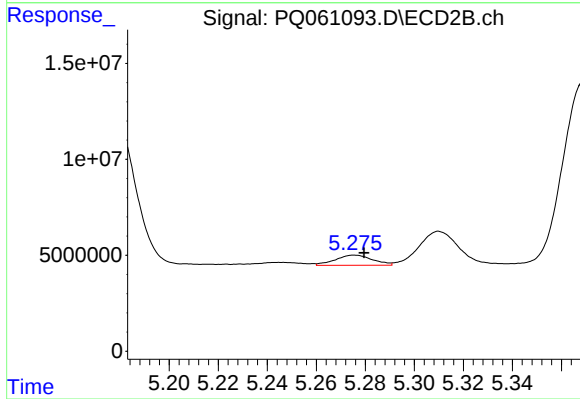
R.T.: 5.069 min
Delta R.T.: 0.016 min
Response: 59674606
Conc: 188.70 ng/ml



#29 AR-1254-4

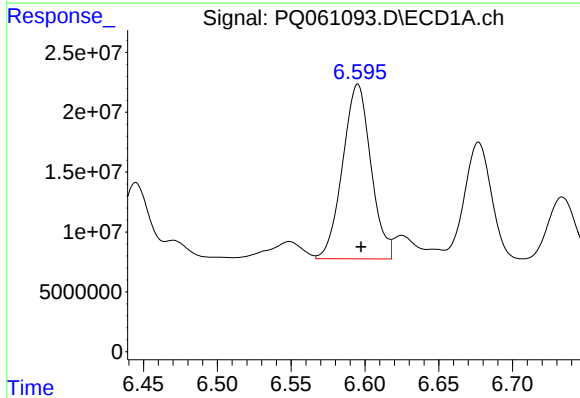
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 24778334
Conc: 60.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



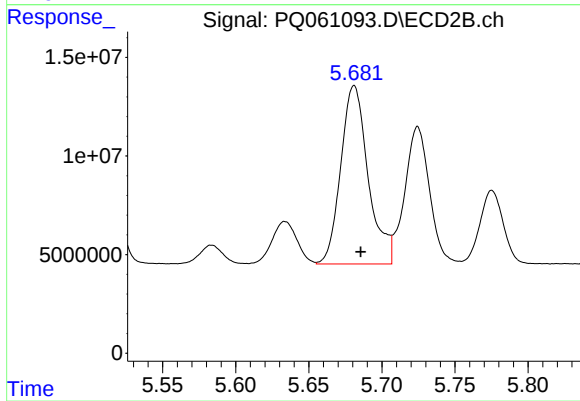
#29 AR-1254-4

R.T.: 5.276 min
Delta R.T.: -0.004 min
Response: 5568245
Conc: 26.28 ng/ml



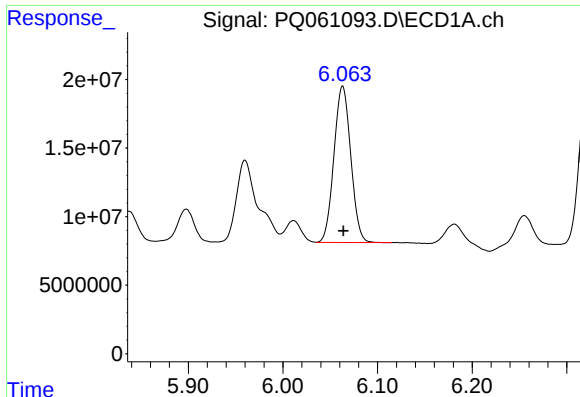
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 194623484
Conc: 431.01 ng/ml



#30 AR-1254-5

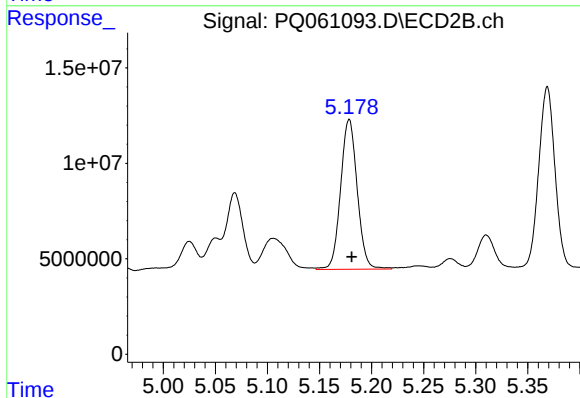
R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 118032551
Conc: 387.55 ng/ml



#31 AR-1260-1

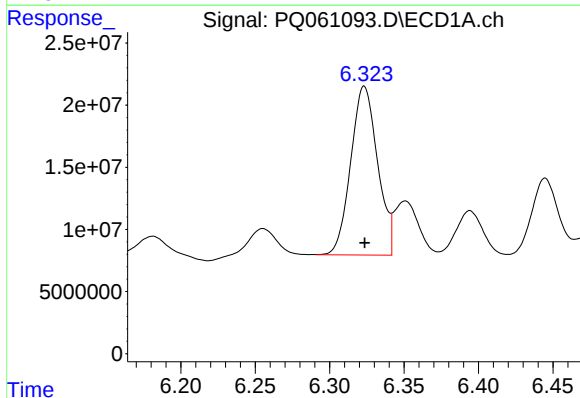
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 140900020
Conc: 339.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



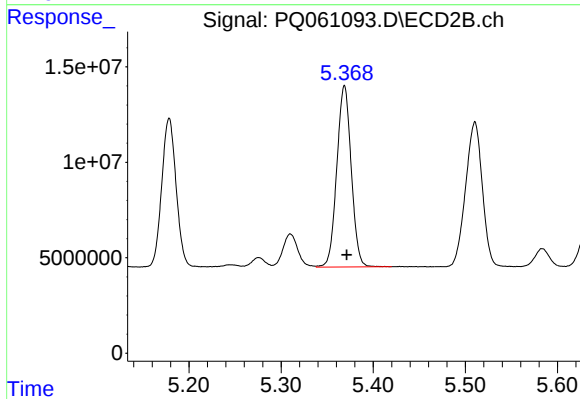
#31 AR-1260-1

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 87207722
Conc: 382.46 ng/ml



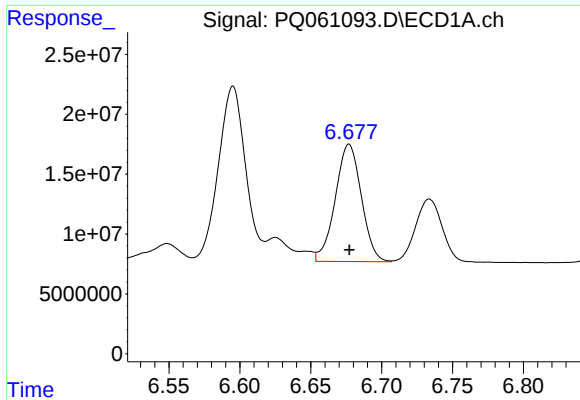
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 170509378
Conc: 340.98 ng/ml



#32 AR-1260-2

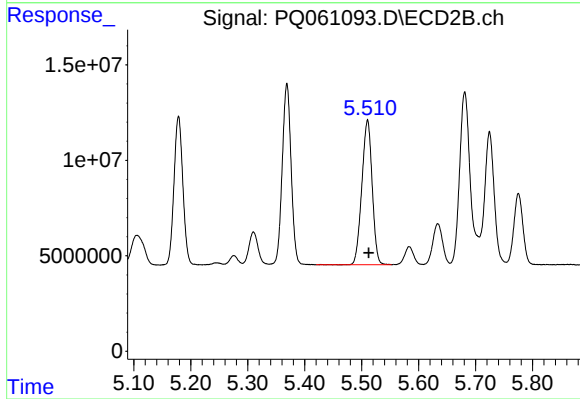
R.T.: 5.369 min
Delta R.T.: -0.002 min
Response: 103498242
Conc: 368.98 ng/ml



#33 AR-1260-3

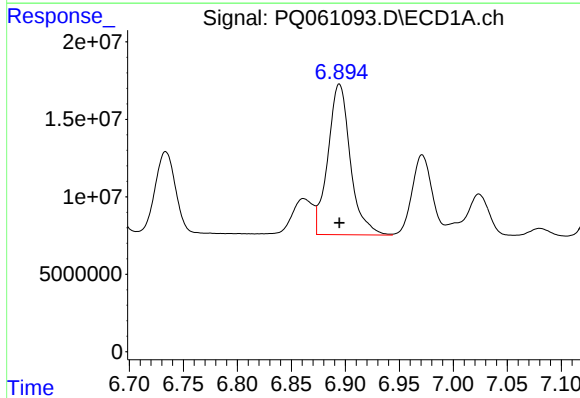
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 125421473
Conc: 338.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



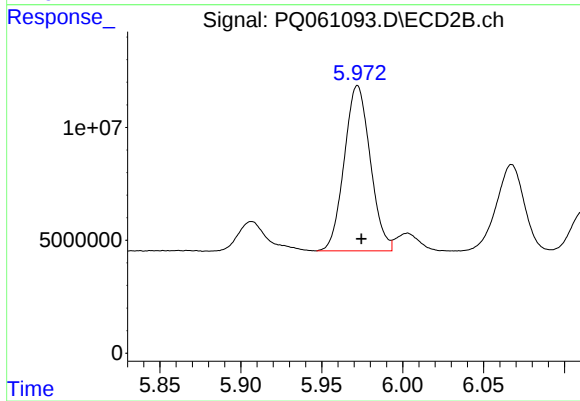
#33 AR-1260-3

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 95628816
Conc: 360.23 ng/ml



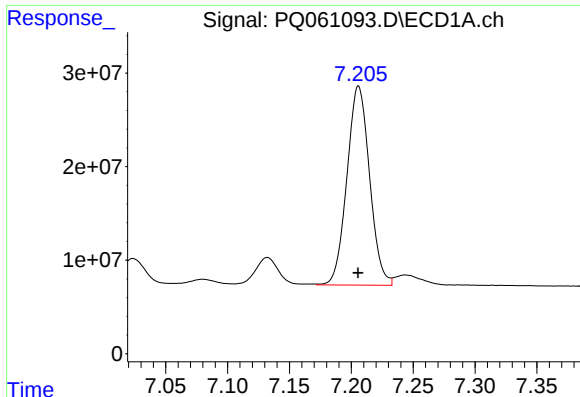
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 140289388
Conc: 336.48 ng/ml



#34 AR-1260-4

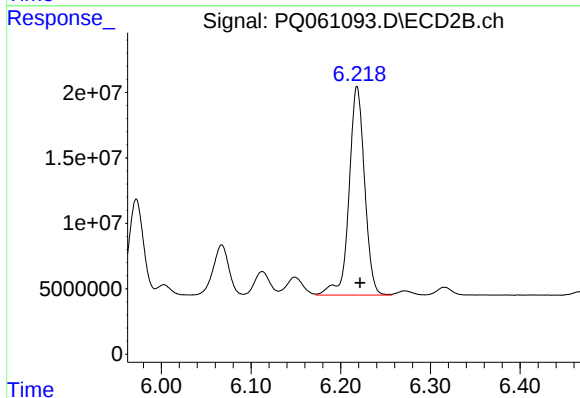
R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 81938436
Conc: 366.19 ng/ml



#35 AR-1260-5

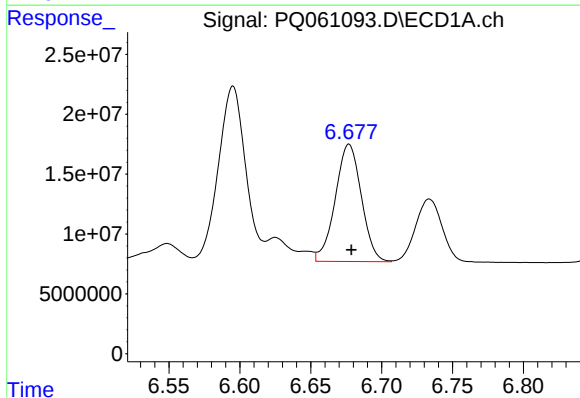
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 271026368
Conc: 337.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



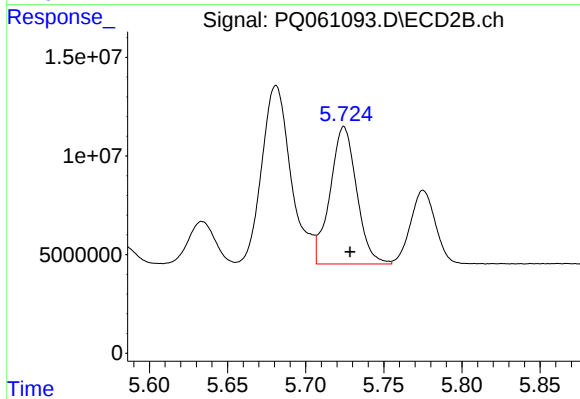
#35 AR-1260-5

R.T.: 6.218 min
Delta R.T.: -0.003 min
Response: 191804656
Conc: 379.91 ng/ml



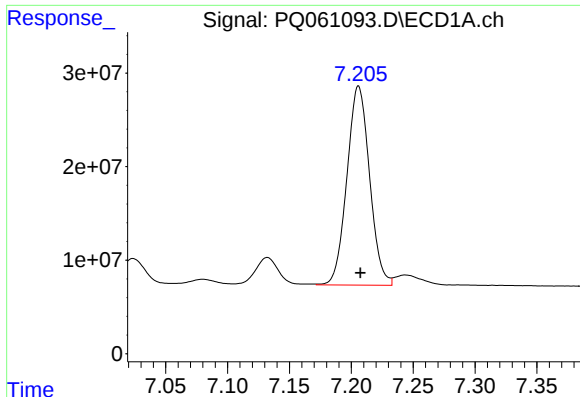
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 125421473
Conc: 236.48 ng/ml



#36 AR-1262-1

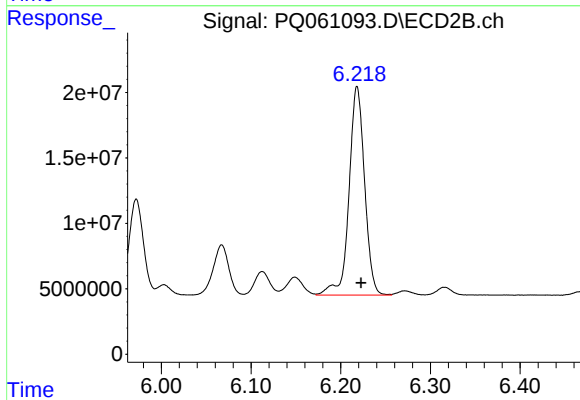
R.T.: 5.724 min
Delta R.T.: -0.004 min
Response: 82416758
Conc: 260.85 ng/ml



#37 AR-1262-2

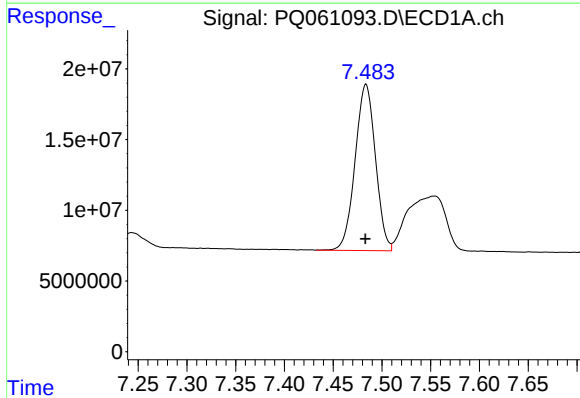
R.T.: 7.206 min
Delta R.T.: -0.001 min
Response: 271026368
Conc: 301.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



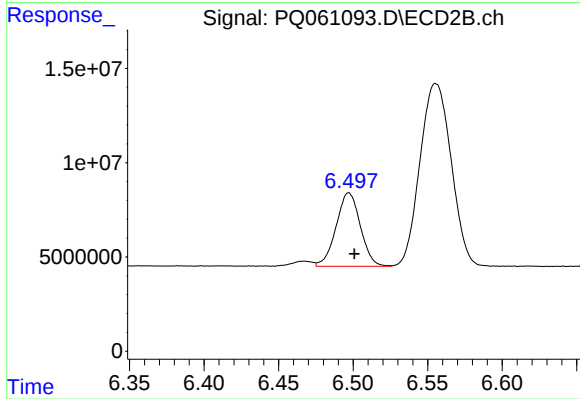
#37 AR-1262-2

R.T.: 6.218 min
Delta R.T.: -0.004 min
Response: 191804656
Conc: 331.98 ng/ml



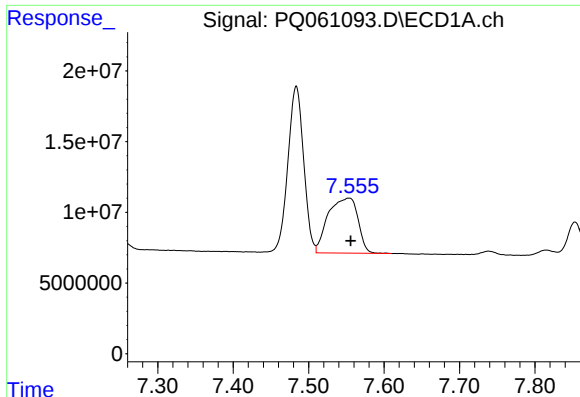
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 170549777
Conc: 282.34 ng/ml



#38 AR-1262-3

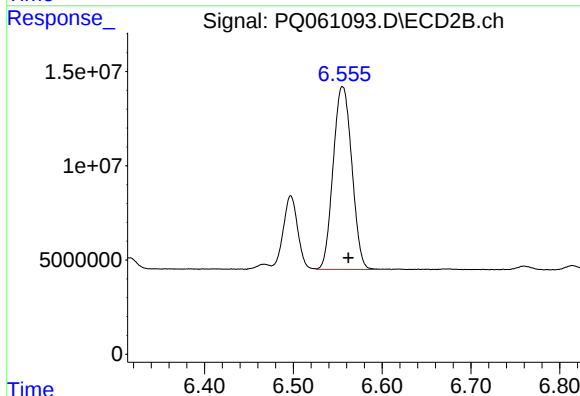
R.T.: 6.497 min
Delta R.T.: -0.004 min
Response: 44140806
Conc: 183.68 ng/ml



#39 AR-1262-4

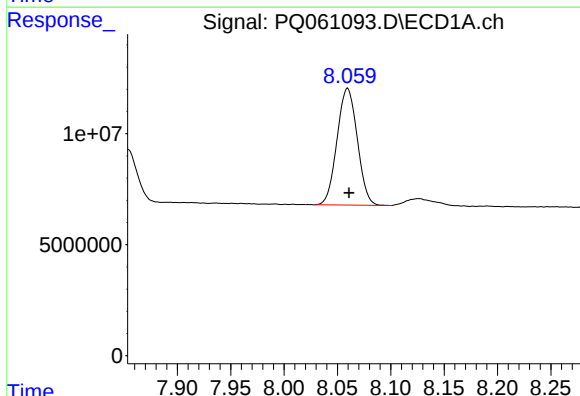
R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 106462599
Conc: 226.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



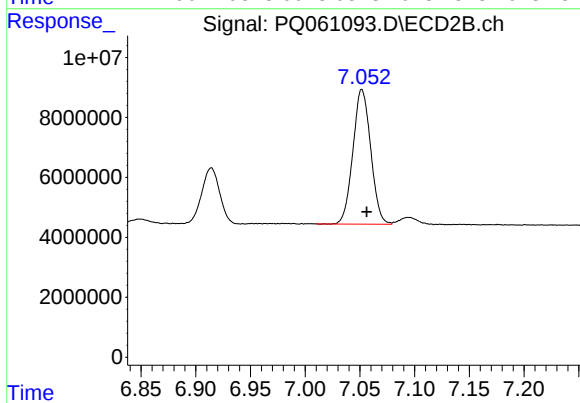
#39 AR-1262-4

R.T.: 6.555 min
Delta R.T.: -0.007 min
Response: 141796855
Conc: 324.05 ng/ml



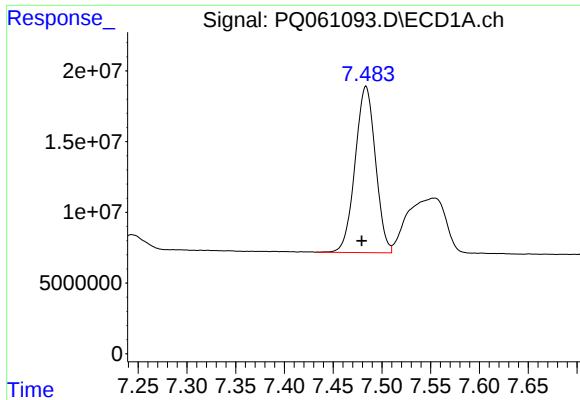
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 69608433
Conc: 226.74 ng/ml



#40 AR-1262-5

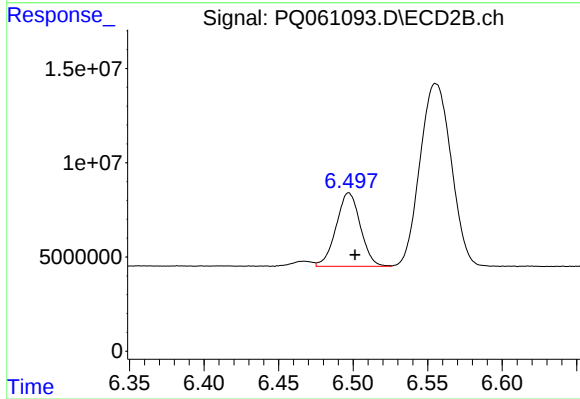
R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 50912708
Conc: 239.23 ng/ml



#41 AR-1268-1

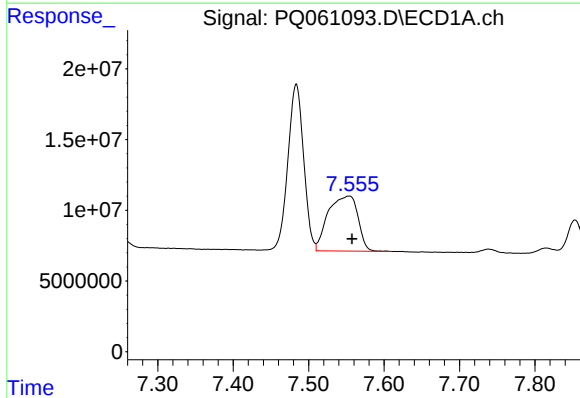
R.T.: 7.484 min
Delta R.T.: 0.004 min
Response: 170549777
Conc: 212.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



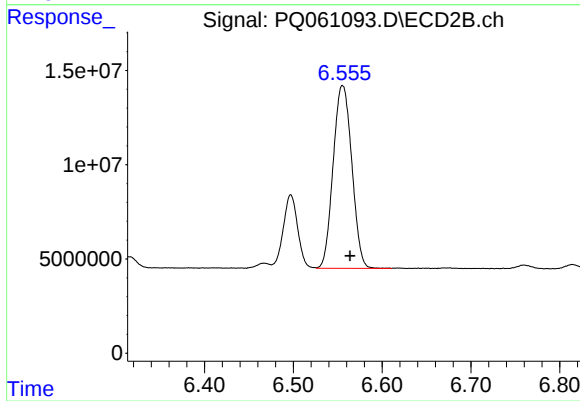
#41 AR-1268-1

R.T.: 6.497 min
Delta R.T.: -0.004 min
Response: 44140806
Conc: 81.66 ng/ml



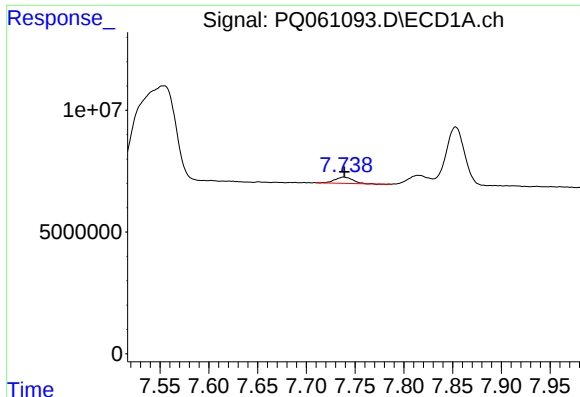
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.004 min
Response: 106462599
Conc: 145.17 ng/ml



#42 AR-1268-2

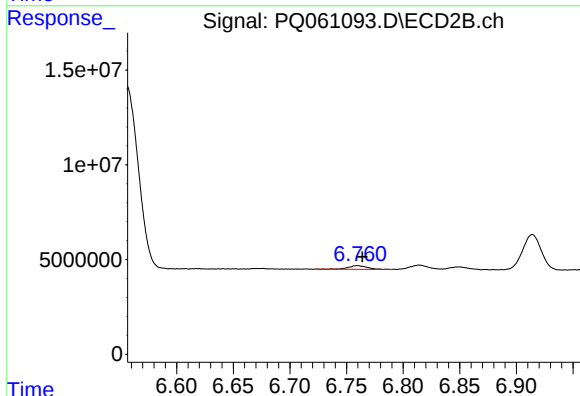
R.T.: 6.555 min
Delta R.T.: -0.008 min
Response: 141796855
Conc: 289.11 ng/ml



#43 AR-1268-3

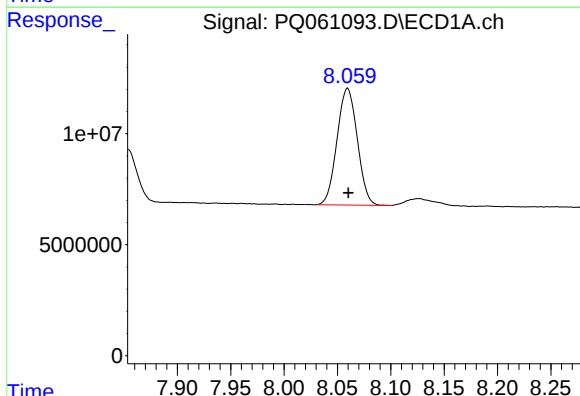
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 3165503
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



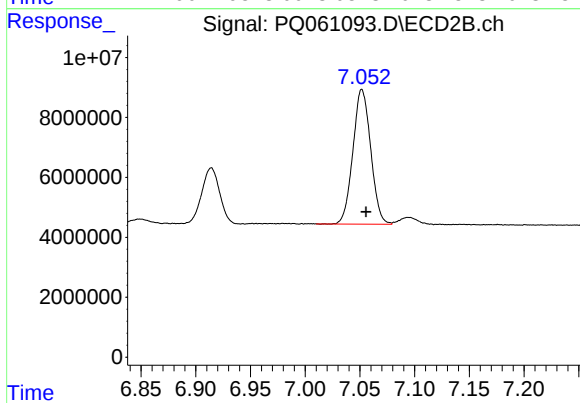
#43 AR-1268-3

R.T.: 6.760 min
Delta R.T.: -0.005 min
Response: 2242799
Conc: 5.30 ng/ml



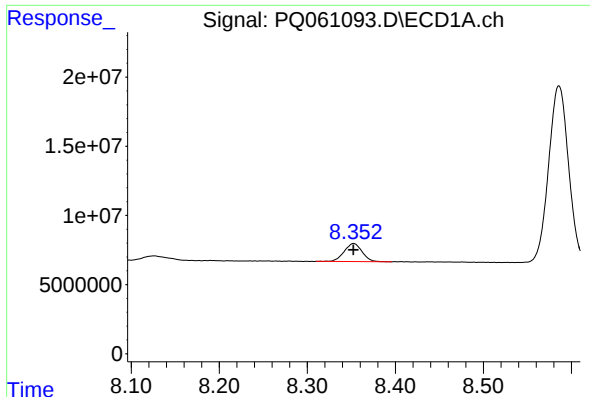
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 69608433
Conc: 258.82 ng/ml



#44 AR-1268-4

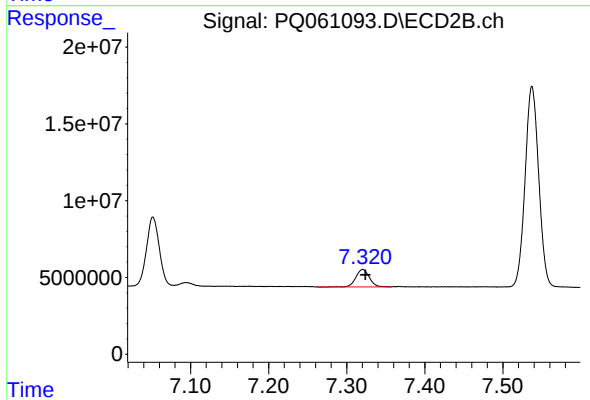
R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 50912708
Conc: 266.52 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 18418455
Conc: 10.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.321 min
Delta R.T.: -0.004 min
Response: 13533295
Conc: 10.01 ng/ml