

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 23:06
 Operator : AR\AJ
 Sample : M1557-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:53:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.486	3.978	18551387	795.6E6	23.144	95.364 #
28)	SA Decachlor...	8.256	9.036	29214000	204.9E6	24.225	23.751
Target Compounds							
2)	A alpha-BHC	3.926	4.372	2649.8E6	17100.9E6	2150.244	1319.403 #
3)	MA gamma-BHC...	4.210	4.654	621.3E6	5365.5E6	527.839	442.261
4)	MA Heptachlor	4.514	5.163	1240.4E6	10084.3E6	999.841	791.576
5)	MB Aldrin	4.764	5.468	1625.8E6	13182.7E6	1387.944	1102.344
6)	B beta-BHC	4.460	4.823	210.2E6	1870.8E6	397.572	383.618
7)	B delta-BHC	4.668	5.038	754644	6343364	0.639	0.529
8)	B Heptachlo...	5.208	5.853	351.7E6	3050.5E6	309.388	280.295
9)	A Endosulfan I	5.548	6.209	1720.5E6	12956.1E6	1583.676	1245.336
10)	B gamma-Chl...	5.435	6.087	693.0E6	5800.4E6	595.455	512.915
11)	B alpha-Chl...	5.494	6.159	401.9E6	3374.8E6	347.194	309.532
12)	B 4,4'-DDE	5.657	6.316	1299.2E6	10386.5E6	1183.147	935.145
13)	MA Dieldrin	5.792	6.466	1442.8E6	10942.9E6	1257.169	990.330
14)	MA Endrin	6.051	6.683	838.0E6	6256.9E6	793.460	667.449
15)	B Endosulfa...	6.324	6.891	1350.9E6	10003.8E6	1351.686	1118.756
16)	A 4,4'-DDD	6.174	6.804	799.5E6	6340.6E6	860.439	708.200
17)	MA 4,4'-DDT	6.416	7.103	346.5E6	2832.3E6	348.508	306.217
18)	B Endrin al...	6.492	7.015	1484.0E6	11172.9E6	1796.769	1555.377
19)	B Endosulfa...	6.706	7.238	594.2E6	4776.8E6	571.565	518.604
20)	A Methoxychlor	6.962	7.561	690.2E6	4708.9E6	1224.500	1017.831
21)	B Endrin ke...	7.199	7.709	1856.3E6	11349.7E6	1502.415	1230.354
22)	Mirex	7.393	8.163	929891	2228356	0.938	0.367 #
23)	Chlordane-1	4.363	4.950f	32888	288344	0.911	0.696
24)	Chlordane-2	4.892f	5.468f	313792	13182.7E6	7.475	32783.577 #
25)	Chlordane-3	5.435	6.087	693.0E6	5800.4E6	5526.981	3333.206 #
26)	Chlordane-4	5.494	6.159	401.9E6	3374.8E6	3850.801	1673.423 #
27)	Chlordane-5	6.324	0.000	1350.9E6	0	27891.865	N.D. #

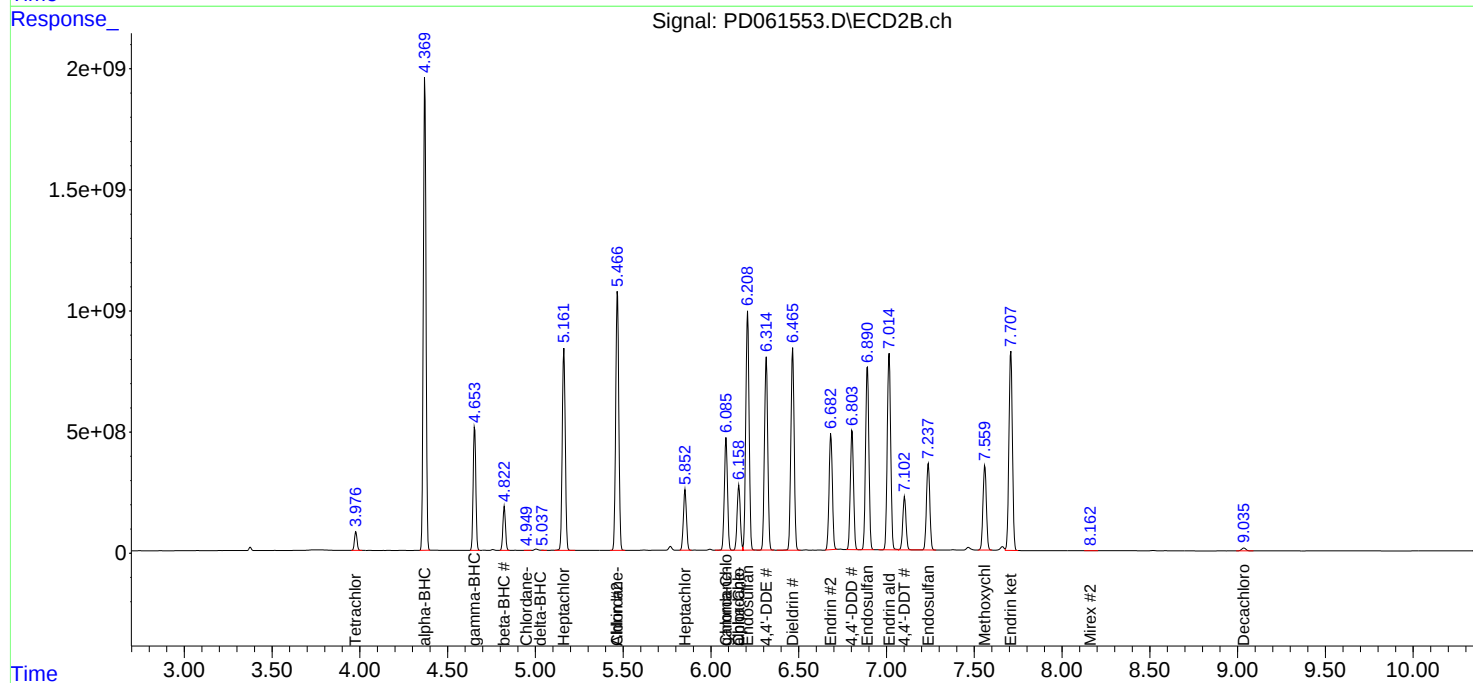
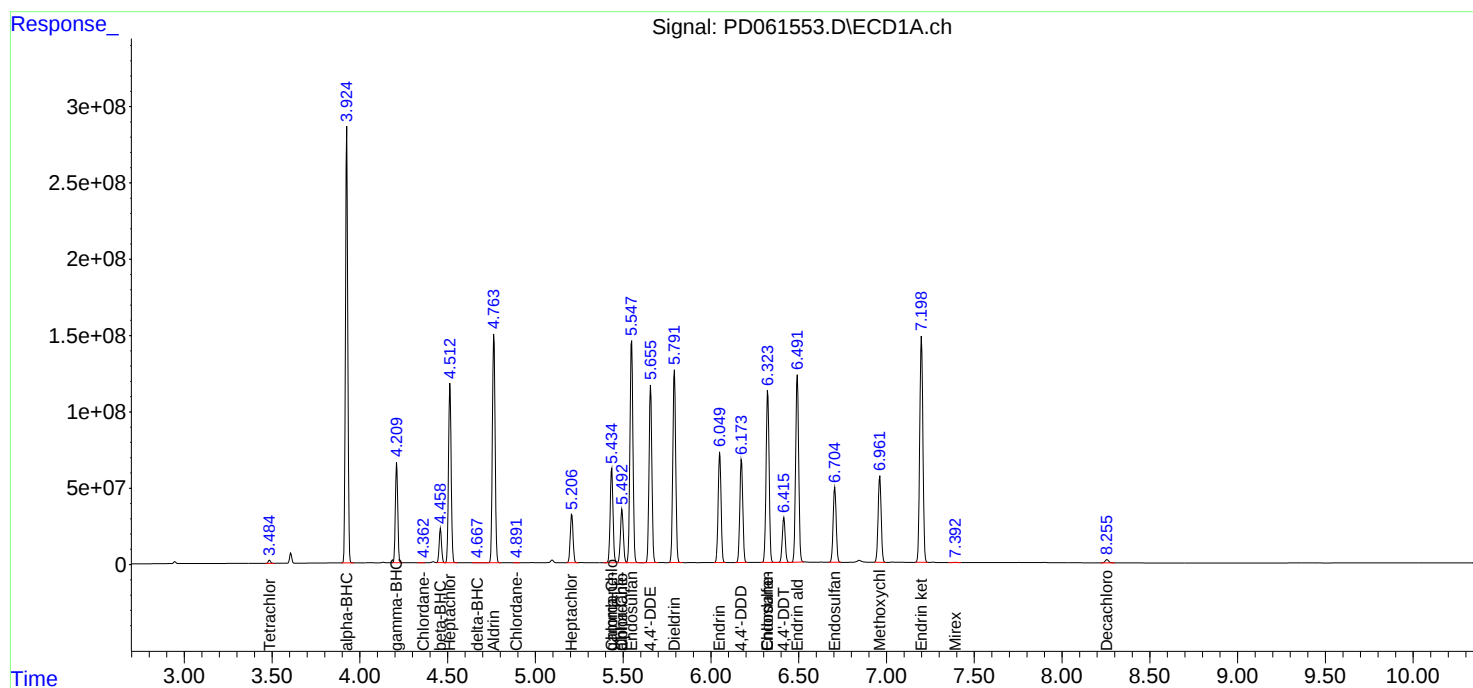
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

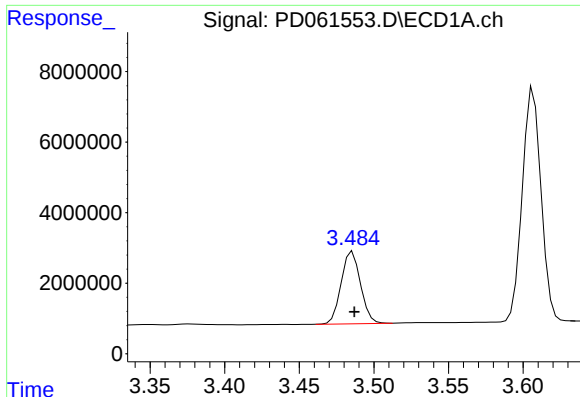
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
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Acq On : 10 Mar 2021 23:06
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

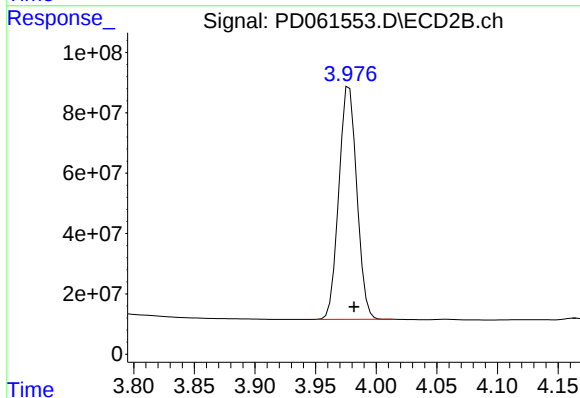




#1 Tetrachloro-m-xylene

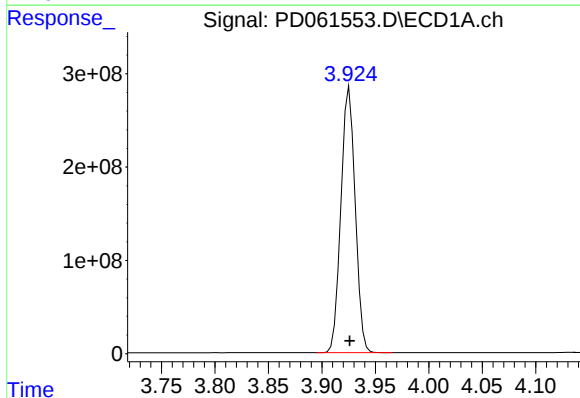
R.T.: 3.486 min
Delta R.T.: -0.001 min
Response: 18551387
Conc: 23.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



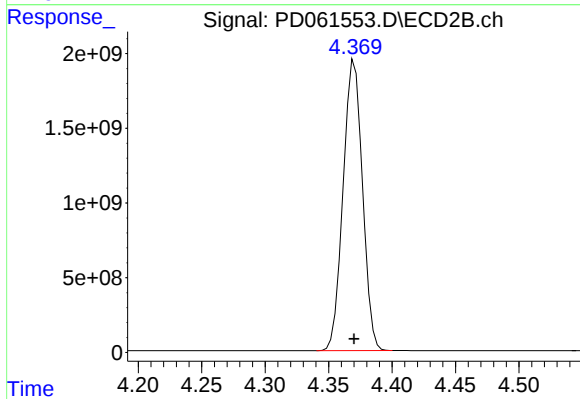
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 795627562
Conc: 95.36 ng/ml



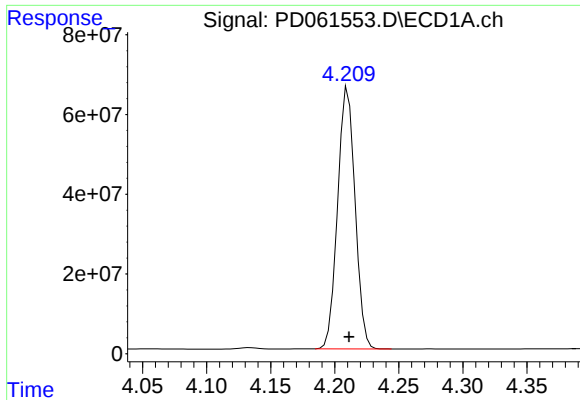
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 2649800950
Conc: 2150.24 ng/ml



#2 alpha-BHC

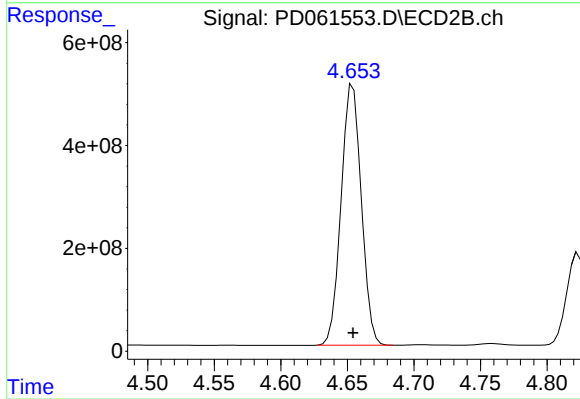
R.T.: 4.372 min
Delta R.T.: 0.002 min
Response: 17100857271
Conc: 1319.40 ng/ml



#3 gamma-BHC (Lindane)

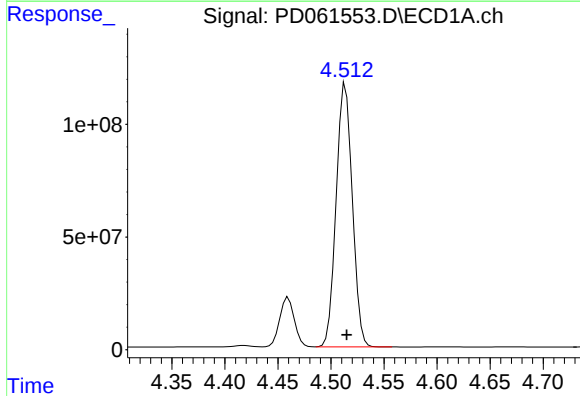
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 621286242
Conc: 527.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



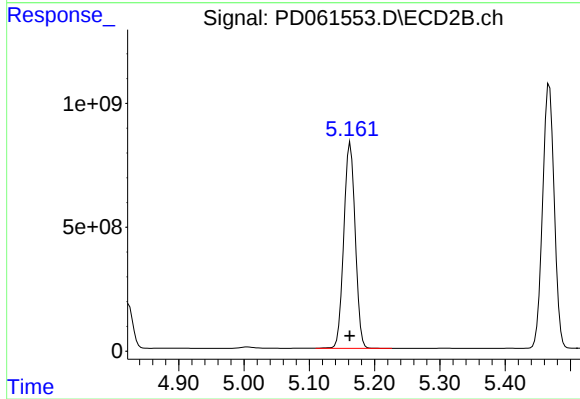
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 5365519804
Conc: 442.26 ng/ml



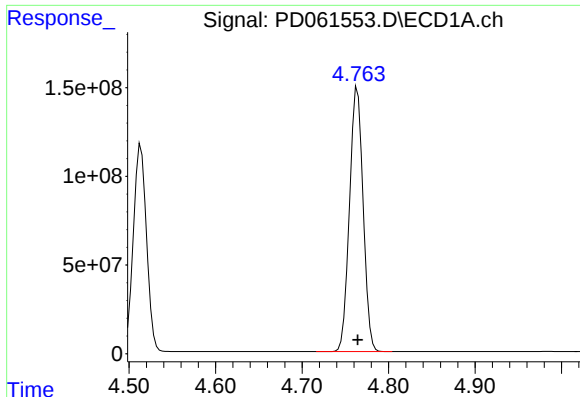
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 1240429705
Conc: 999.84 ng/ml



#4 Heptachlor

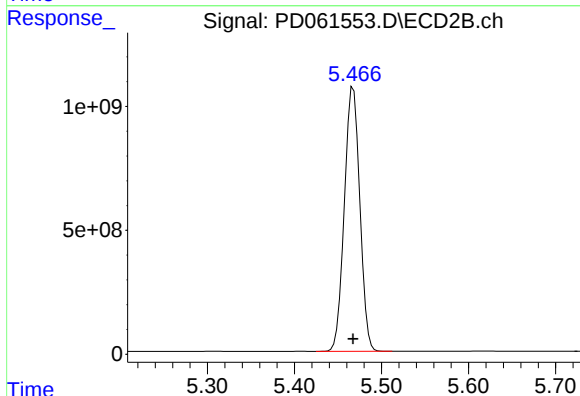
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 10084252452
Conc: 791.58 ng/ml



#5 Aldrin

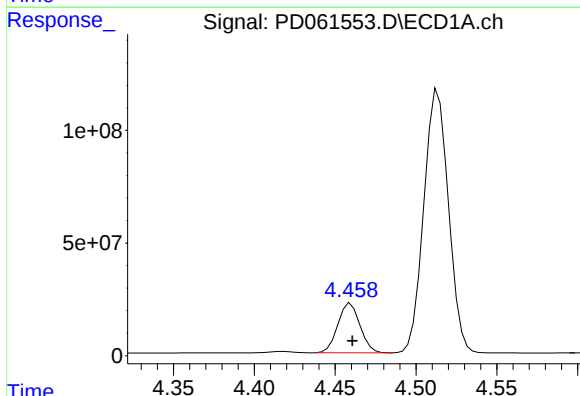
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 1625779324
Conc: 1387.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



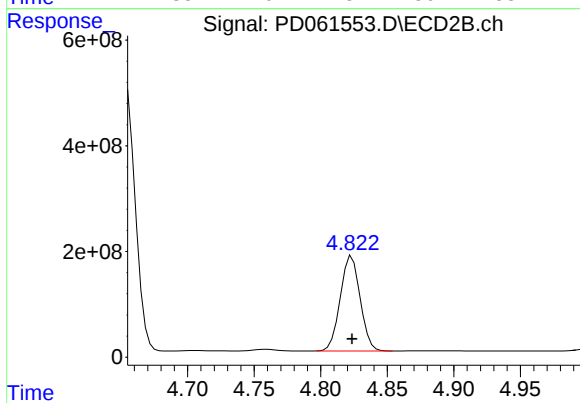
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 13182676229
Conc: 1102.34 ng/ml



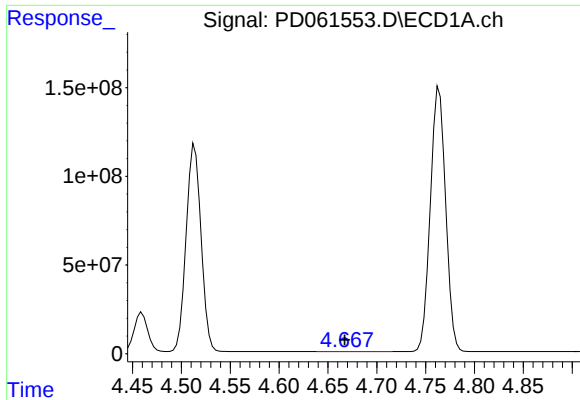
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 210211478
Conc: 397.57 ng/ml



#6 beta-BHC

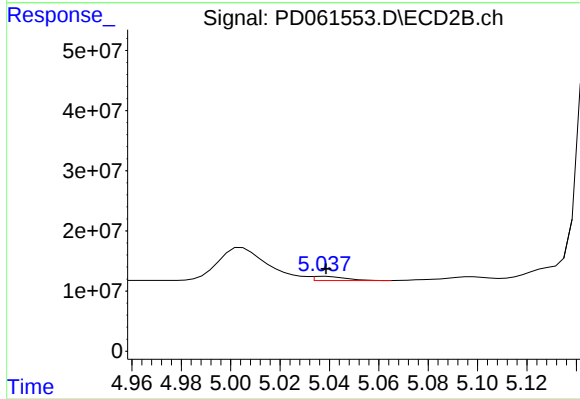
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 1870801780
Conc: 383.62 ng/ml



#7 delta-BHC

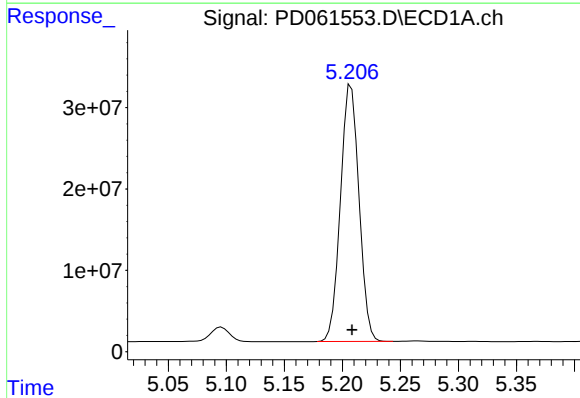
R.T.: 4.668 min
Delta R.T.: 0.001 min
Response: 754644
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



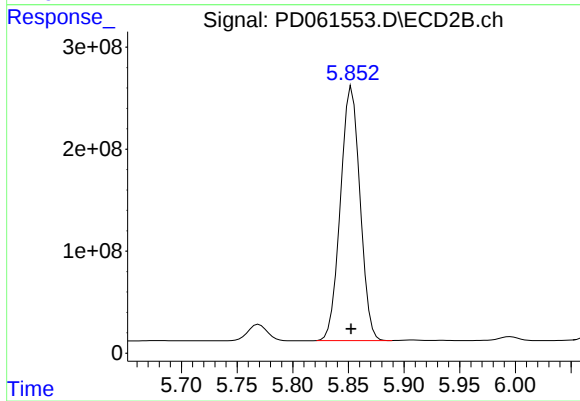
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 6343364
Conc: 0.53 ng/ml



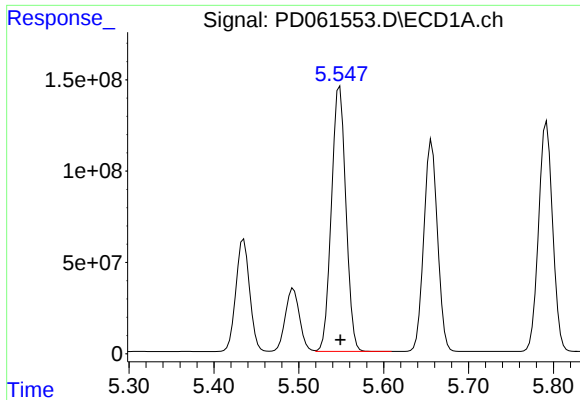
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 351660535
Conc: 309.39 ng/ml



#8 Heptachlor epoxide

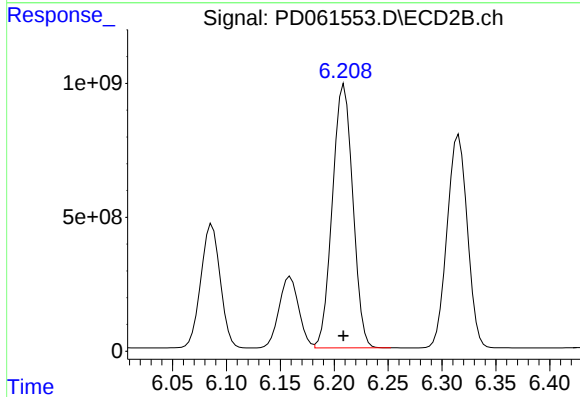
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 3050545300
Conc: 280.30 ng/ml



#9 Endosulfan I

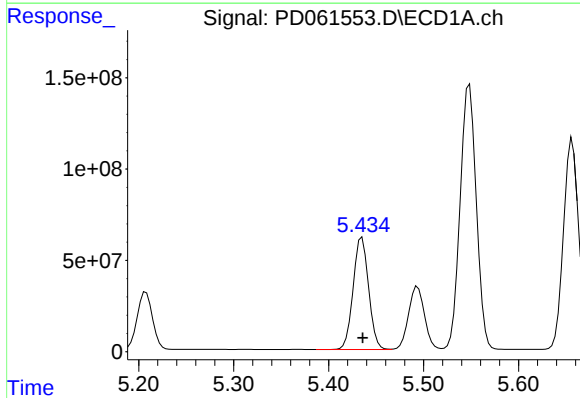
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1720509725
Conc: 1583.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



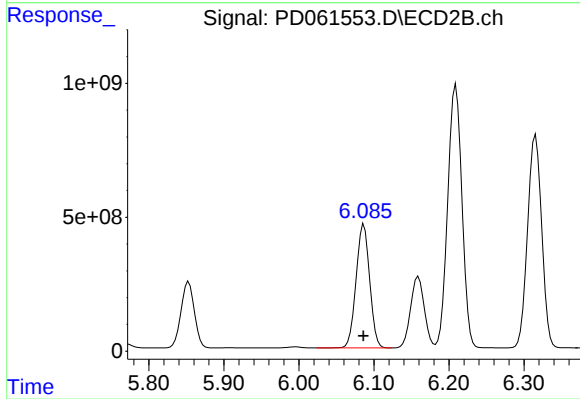
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 12956104709
Conc: 1245.34 ng/ml



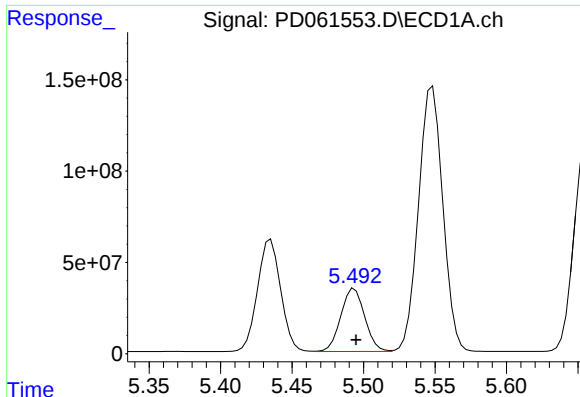
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 692968135
Conc: 595.46 ng/ml



#10 gamma-Chlordane

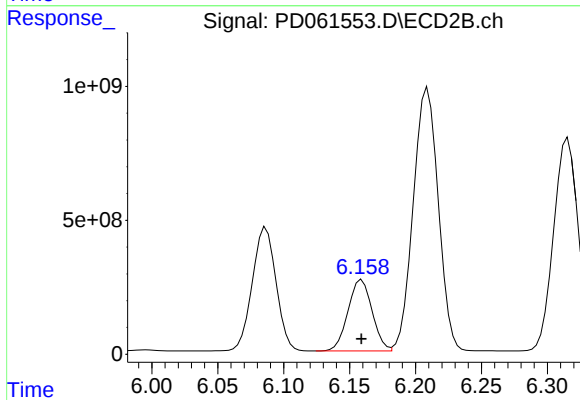
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 5800447927
Conc: 512.92 ng/ml



#11 alpha-Chlordane

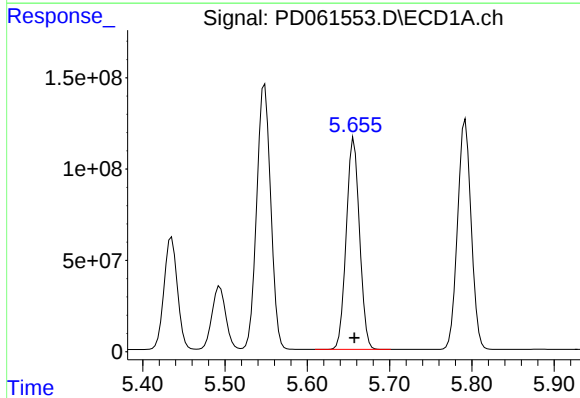
R.T.: 5.494 min
Delta R.T.: -0.001 min
Response: 401894653
Conc: 347.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



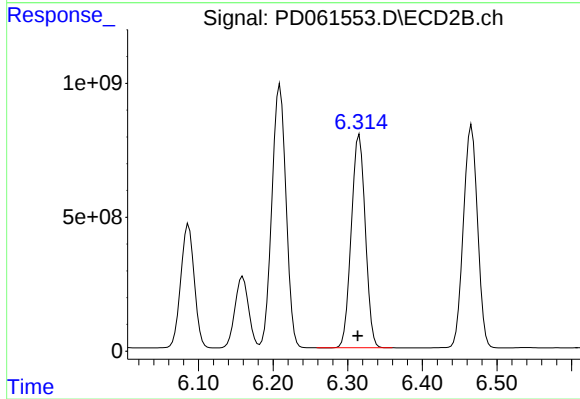
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 3374766371
Conc: 309.53 ng/ml



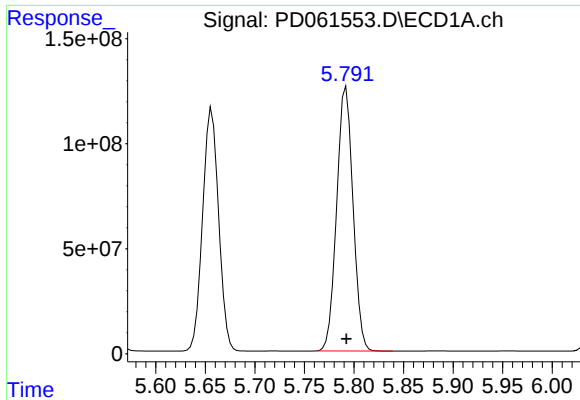
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 1299244905
Conc: 1183.15 ng/ml



#12 4,4'-DDE

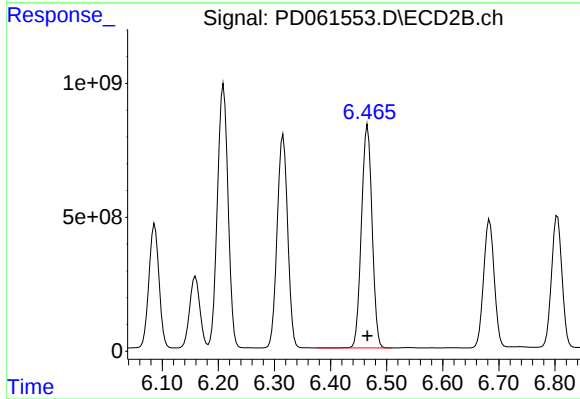
R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 10386474176
Conc: 935.14 ng/ml



#13 Dieldrin

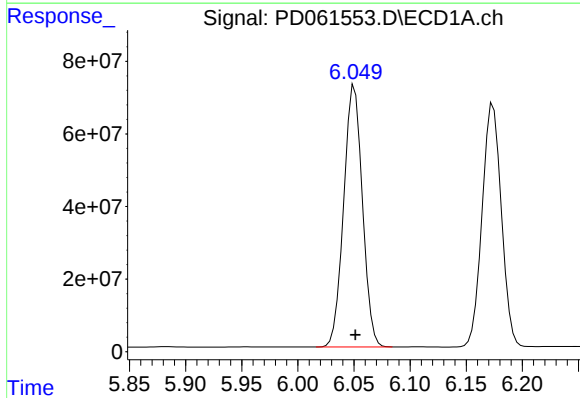
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 1442755942
Conc: 1257.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



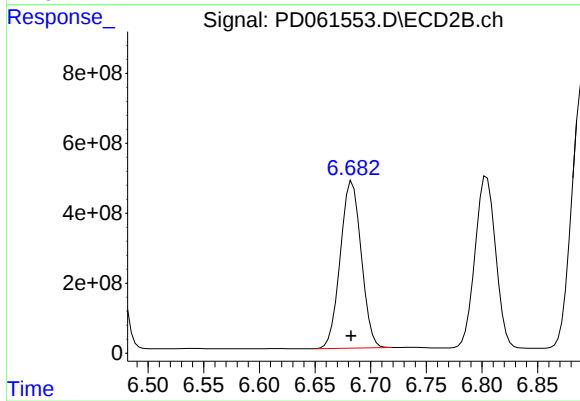
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 10942860477
Conc: 990.33 ng/ml



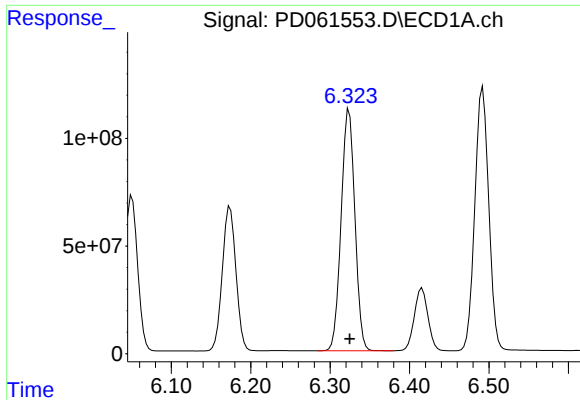
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 837987765
Conc: 793.46 ng/ml



#14 Endrin

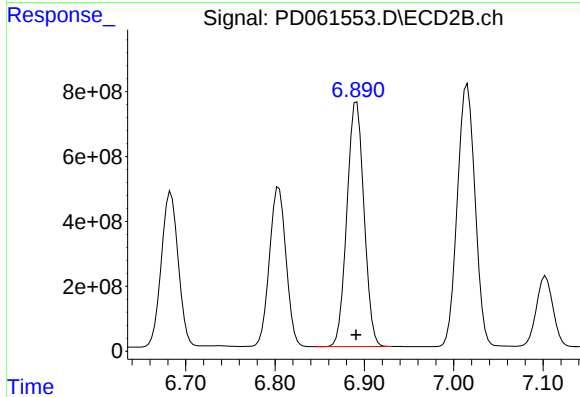
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 6256869483
Conc: 667.45 ng/ml



#15 Endosulfan II

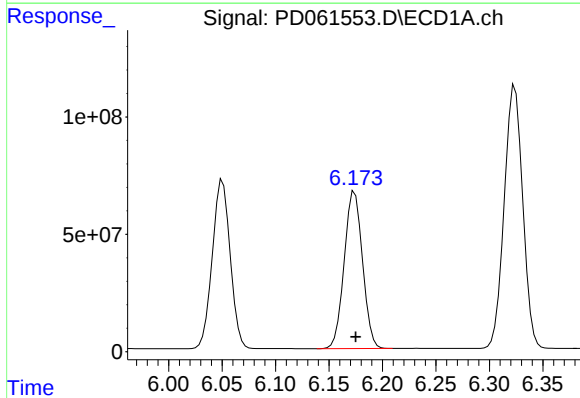
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 1350871551
Conc: 1351.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



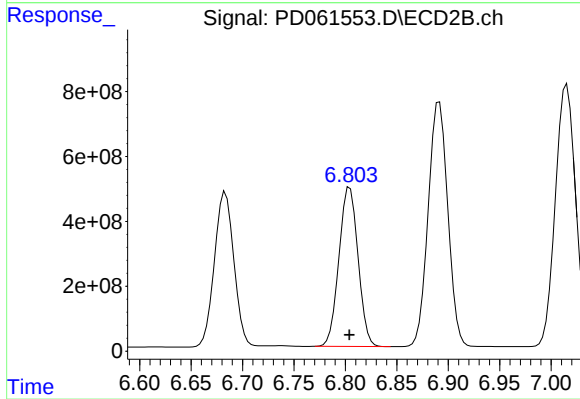
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 10003769009
Conc: 1118.76 ng/ml



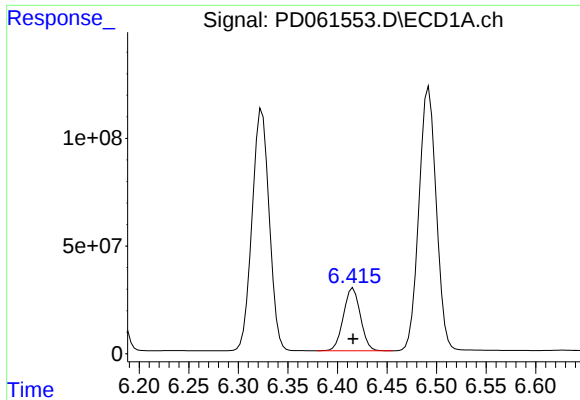
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 799481947
Conc: 860.44 ng/ml



#16 4,4'-DDD

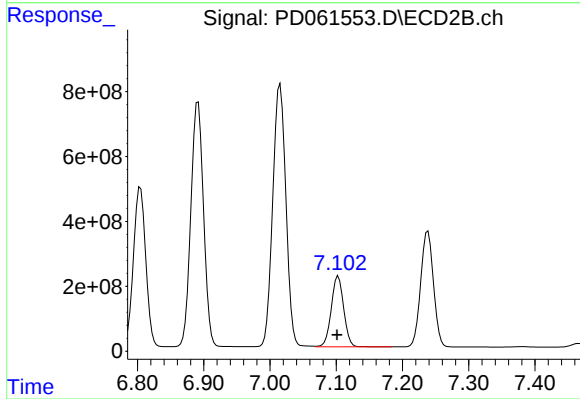
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 6340605210
Conc: 708.20 ng/ml



#17 4,4'-DDT

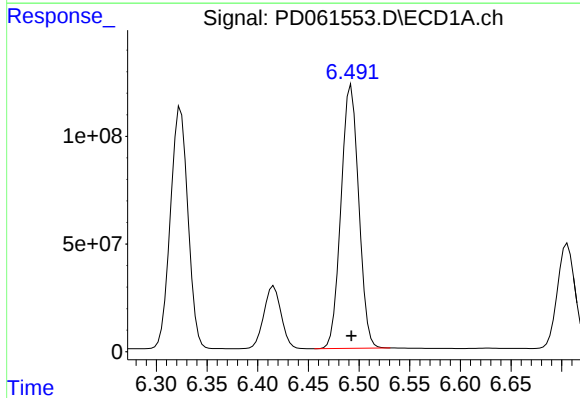
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 346537130
Conc: 348.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



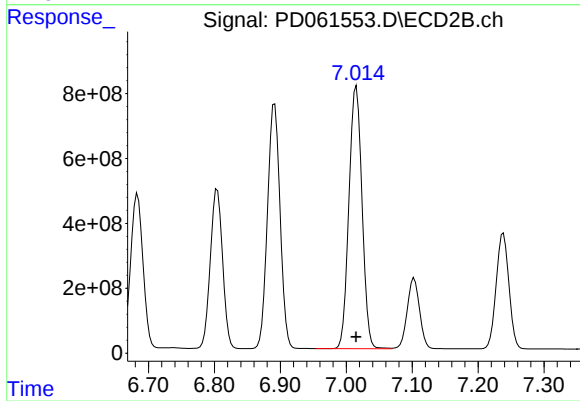
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 2832274157
Conc: 306.22 ng/ml



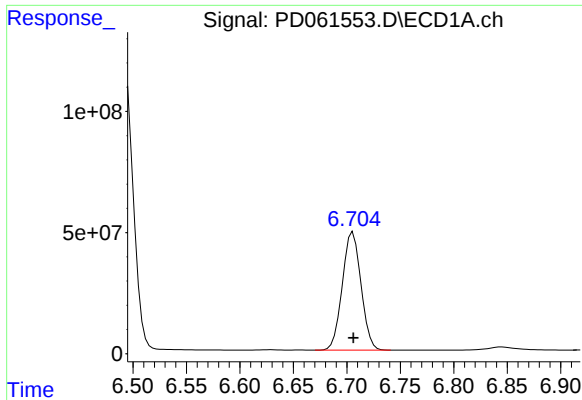
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 1483963034
Conc: 1796.77 ng/ml



#18 Endrin aldehyde

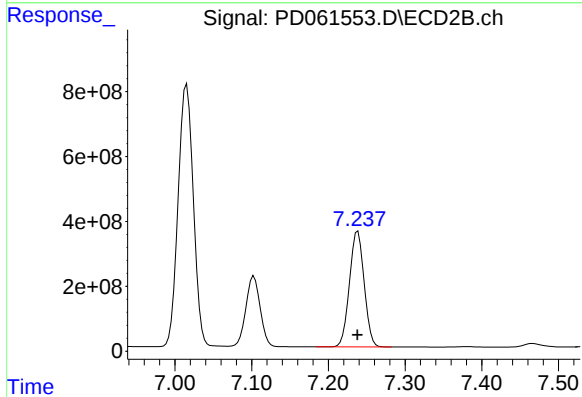
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 11172927729
Conc: 1555.38 ng/ml



#19 Endosulfan Sulfate

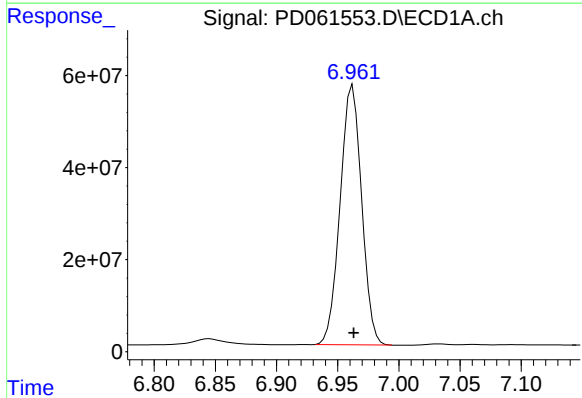
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 594206413
Conc: 571.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



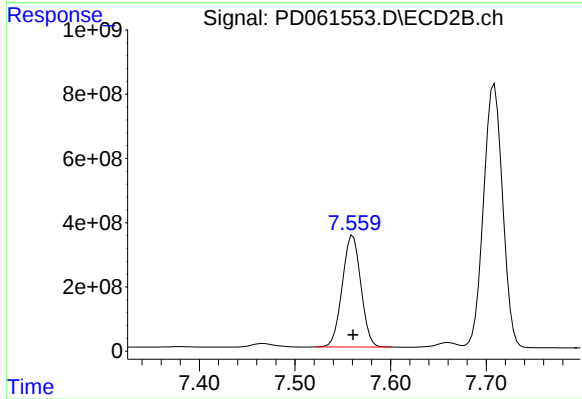
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 4776801539
Conc: 518.60 ng/ml



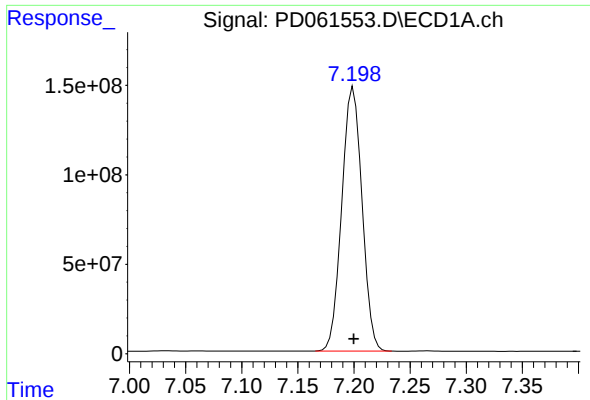
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 690231920
Conc: 1224.50 ng/ml



#20 Methoxychlor

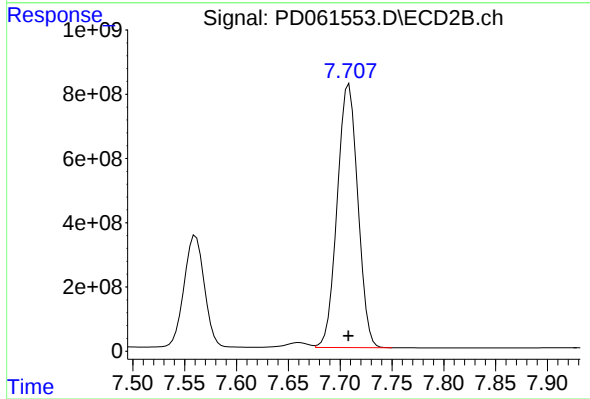
R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 4708916347
Conc: 1017.83 ng/ml



#21 Endrin ketone

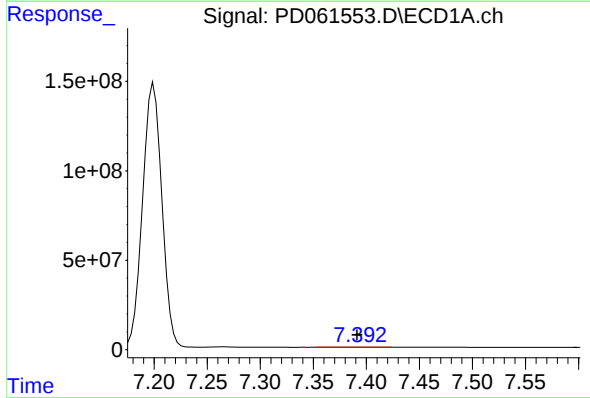
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 1856303050
Conc: 1502.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



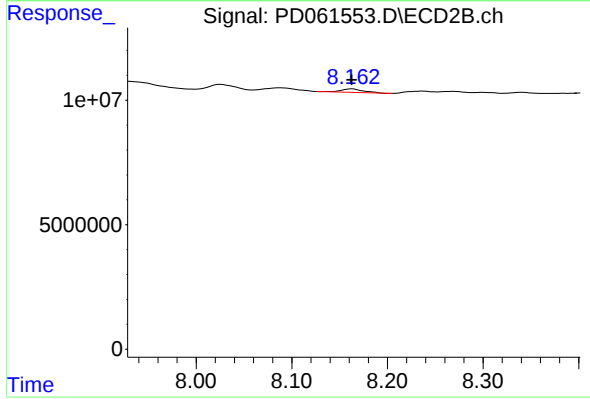
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 11349730495
Conc: 1230.35 ng/ml



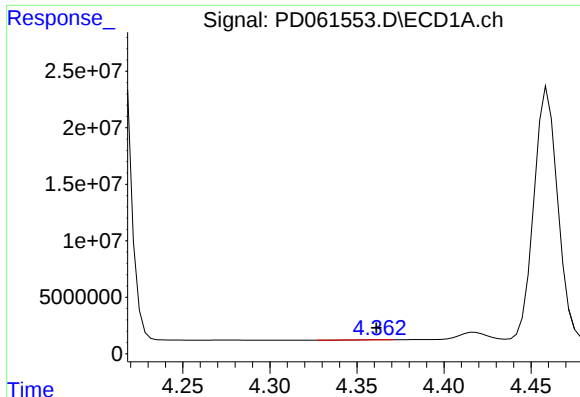
#22 Mirex

R.T.: 7.393 min
Delta R.T.: 0.002 min
Response: 929891
Conc: 0.94 ng/ml



#22 Mirex

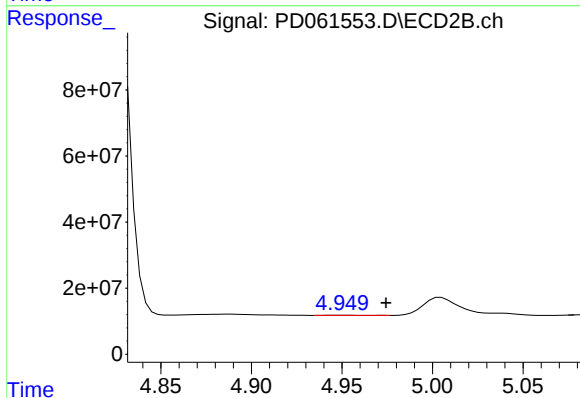
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 2228356
Conc: 0.37 ng/ml



#23 Chlordane-1

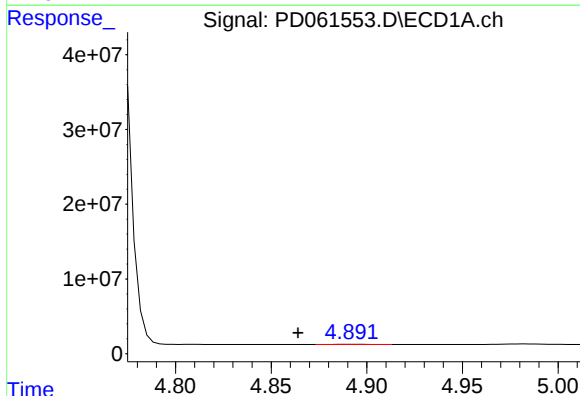
R.T.: 4.363 min
Delta R.T.: 0.002 min
Response: 32888
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



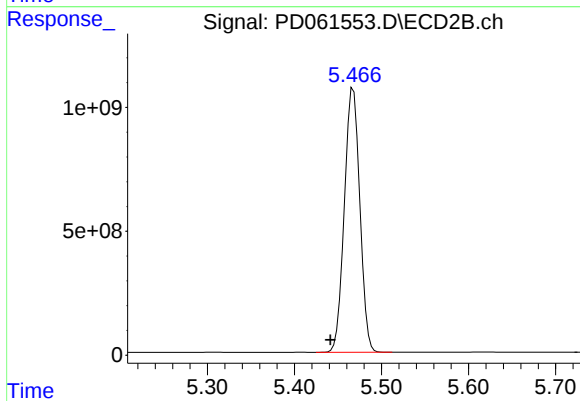
#23 Chlordane-1

R.T.: 4.950 min
Delta R.T.: -0.024 min
Response: 288344
Conc: 0.70 ng/ml



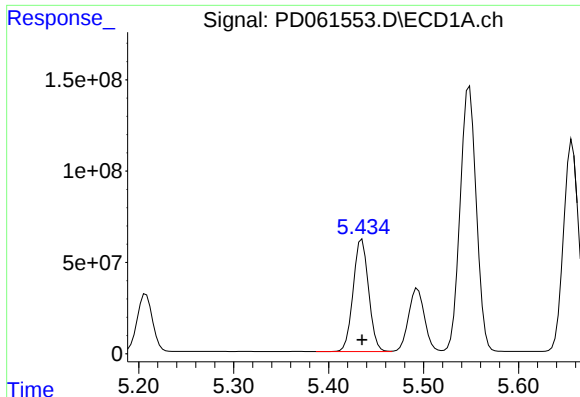
#24 Chlordane-2

R.T.: 4.892 min
Delta R.T.: 0.028 min
Response: 313792
Conc: 7.47 ng/ml



#24 Chlordane-2

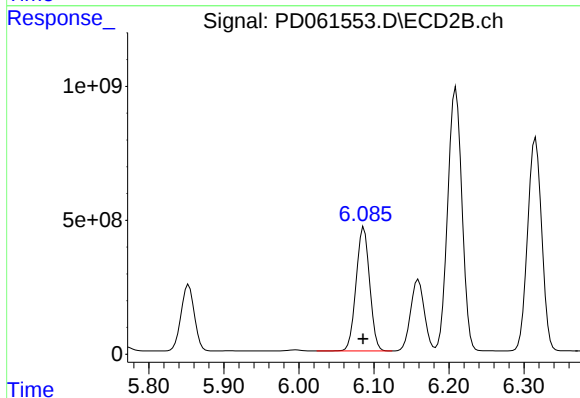
R.T.: 5.468 min
Delta R.T.: 0.026 min
Response: 13182676229
Conc: 32783.58 ng/ml



#25 Chlordane-3

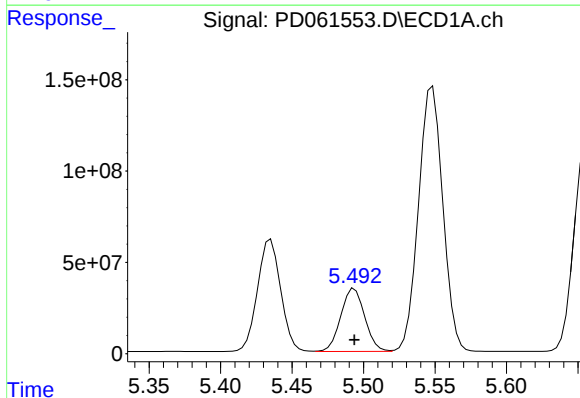
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 692968135
Conc: 5526.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



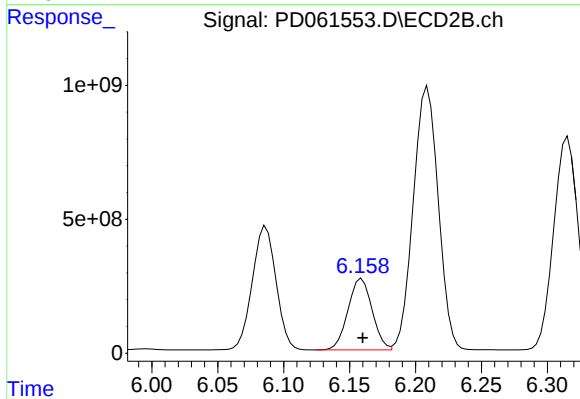
#25 Chlordane-3

R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 5800447927
Conc: 3333.21 ng/ml



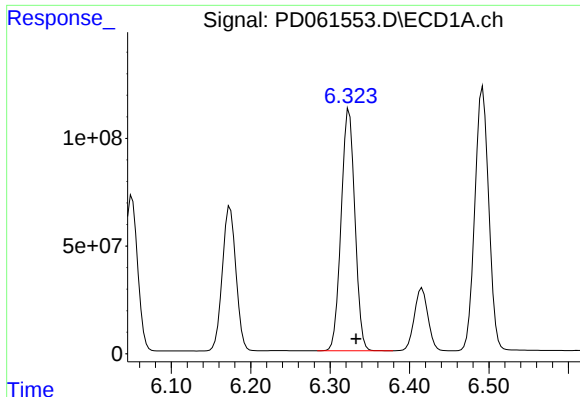
#26 Chlordane-4

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 401894653
Conc: 3850.80 ng/ml



#26 Chlordane-4

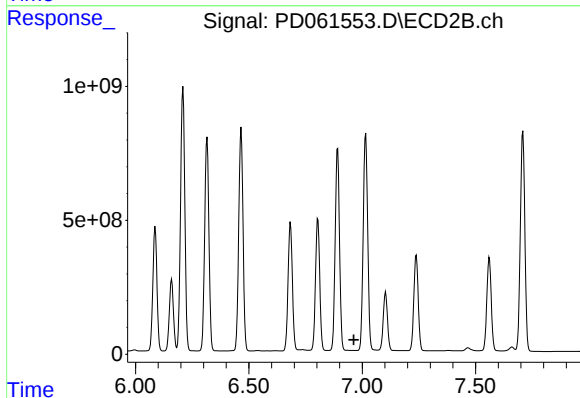
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 3374766371
Conc: 1673.42 ng/ml



#27 Chlordane-5

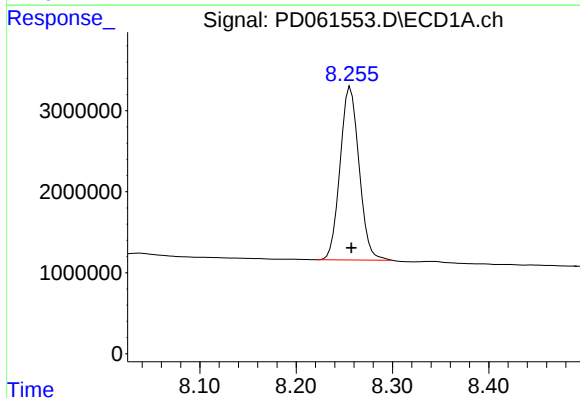
R.T.: 6.324 min
Delta R.T.: -0.009 min
Response: 1350871551
Conc: 27891.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



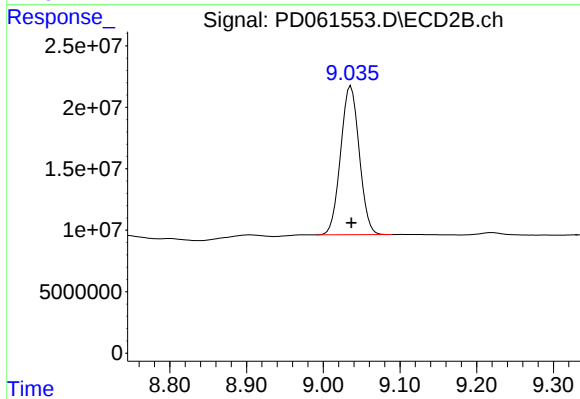
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.963 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 29214000
Conc: 24.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 204921389
Conc: 23.75 ng/ml