

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD033021\
 Data File : PD061870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2021 13:58
 Operator : AR\AJ
 Sample : M1828-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 FS-SB13(25-26)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 04:18:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 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...	3.485	3.980	18867251	224.4E6	22.534	25.830
28)	SA Decachlor...	8.255	9.037	24017260	171.8E6	19.519	18.196
Target Compounds							
2)	A alpha-BHC	3.925	4.370	58602853	592.1E6	46.399	44.018
3)	MA gamma-BHC...	4.210	4.654	57497653	548.8E6	48.429	43.998
4)	MA Heptachlor	4.513	5.162	62104337	605.4E6	53.346	46.454
5)	MB Aldrin	4.763	5.466	58898841	551.2E6	49.077	44.293
6)	B beta-BHC	4.459	4.823	26916688	251.5E6	49.359	48.693
7)	B delta-BHC	4.666	5.040	16479922	186.7E6	13.566	14.115
8)	B Heptachlo...	5.207	5.853	52211995	329.0E6	45.546	27.783 #
9)	A Endosulfan I	5.547	6.209	51044071	417.8E6	46.483	38.545
10)	B gamma-Chl...	5.434	6.086	54226532	452.6E6	46.294	38.182
11)	B alpha-Chl...	5.493	6.159	52852342	440.6E6	45.483	38.648
12)	B 4,4'-DDE	5.655	6.316	53992726	469.8E6	48.050	40.768
13)	MA Dieldrin	5.791	6.466	55725352	465.4E6	48.210	40.322
14)	MA Endrin	6.050	6.683	51607365	399.8E6	50.226	40.397
15)	B Endosulfa...	6.323	6.891	43109874	446.9E6	42.063	47.074
16)	A 4,4'-DDD	6.173	6.805	41296042	391.2E6	44.374	41.317
17)	MA 4,4'-DDT	6.415	7.103	41501738	411.1E6	46.076	43.044
18)	B Endrin al...	6.491	7.017	42104833	256.6E6	49.282	32.624 #
19)	B Endosulfa...	6.704	7.238	41049384	323.1E6	38.043	32.240
20)	A Methoxychlor	6.960	7.561	25053233	205.3E6	53.023	45.539
21)	B Endrin ke...	7.198	7.709	55357221	409.9E6	43.375	40.416
22)	Mirex	7.388	8.163	42911810	255.5E6	51.350	39.648
23)	Chlordane-1	0.000	4.960	0	1362064	N.D.	3.511 #
24)	Chlordane-2	0.000	5.466f	0	551.2E6	N.D.	1436.467 #
25)	Chlordane-3	5.434	6.086	54226532	452.6E6	467.425	273.049 #
26)	Chlordane-4	5.493	6.159	52852342	440.6E6	549.358	229.600 #
27)	Chlordane-5	6.323	0.000	43109874	0	979.018	N.D. #

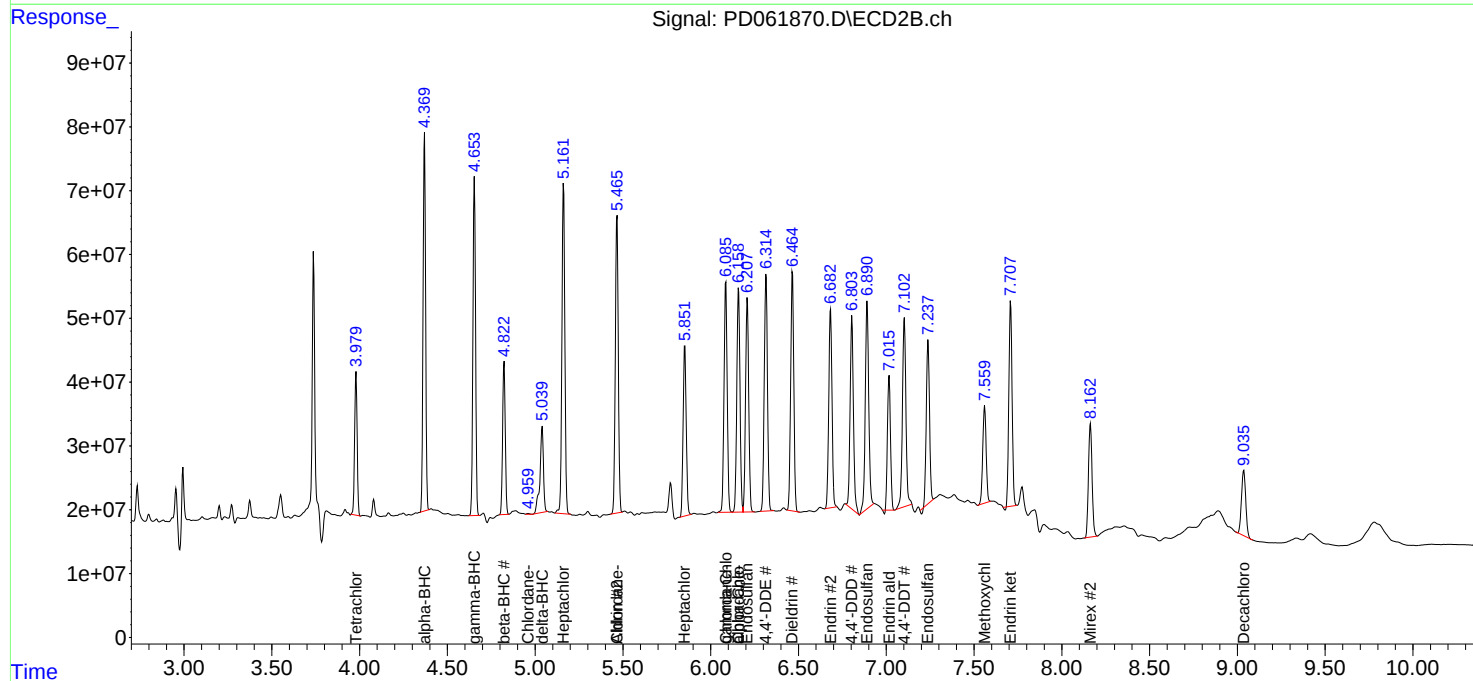
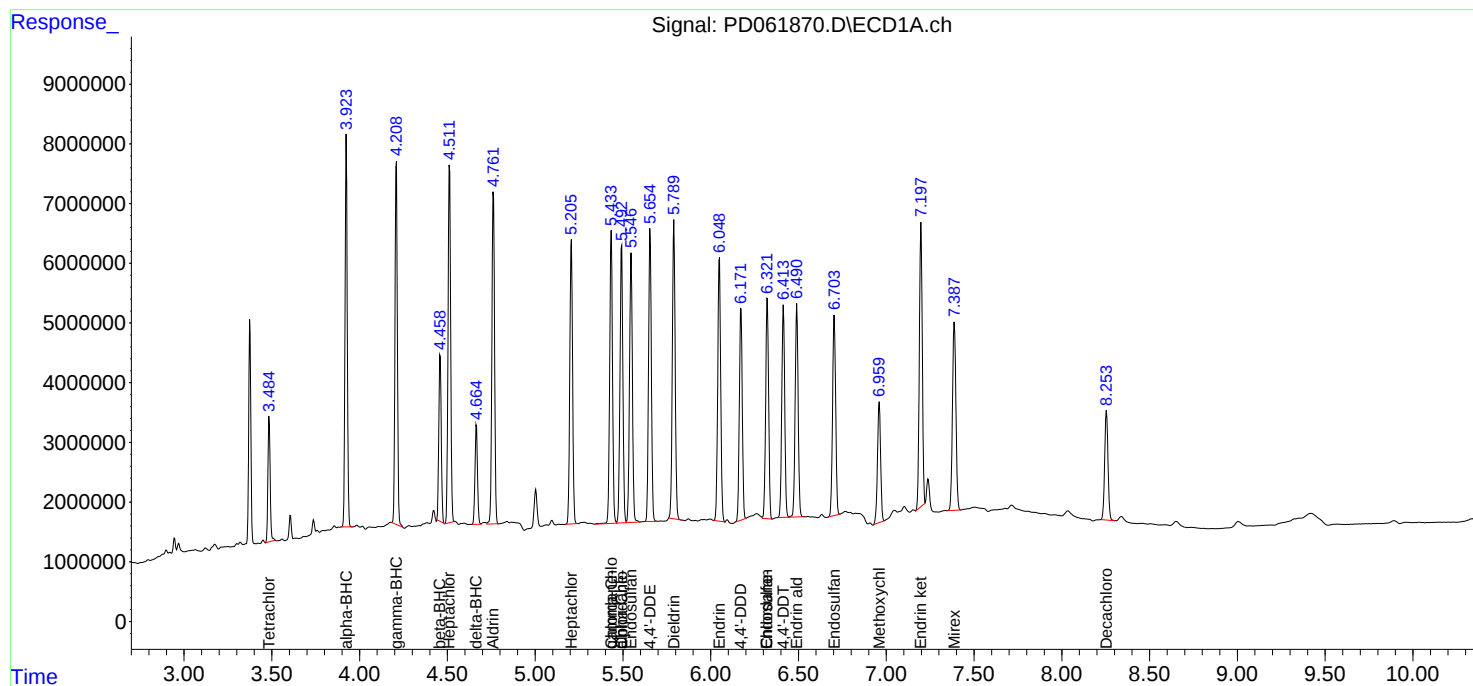
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

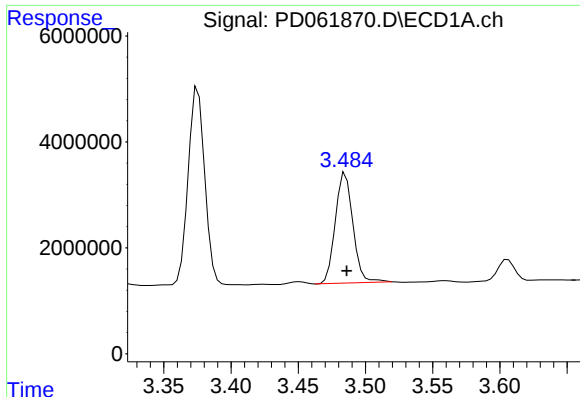
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD033021\
Data File : PD061870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2021 13:58
Operator : AR\AJ
Sample : M1828-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 04:18:54 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
Quant Title : GC Extractables
QLast Update : Tue Mar 30 04:47:56 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

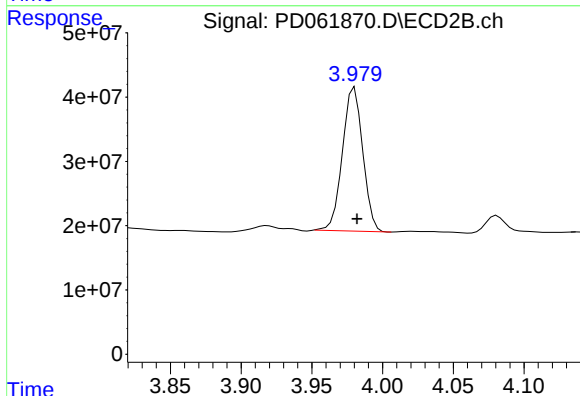




#1 Tetrachloro-m-xylene

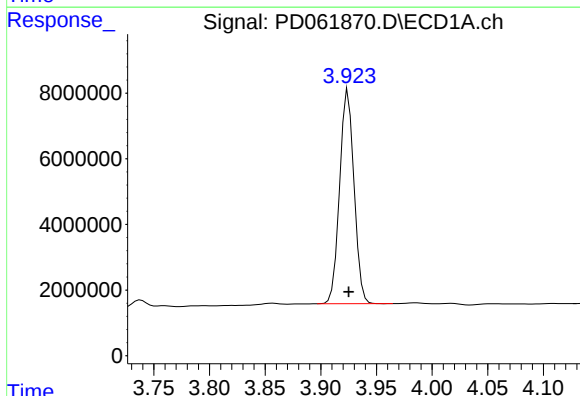
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 18867251
Conc: 22.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



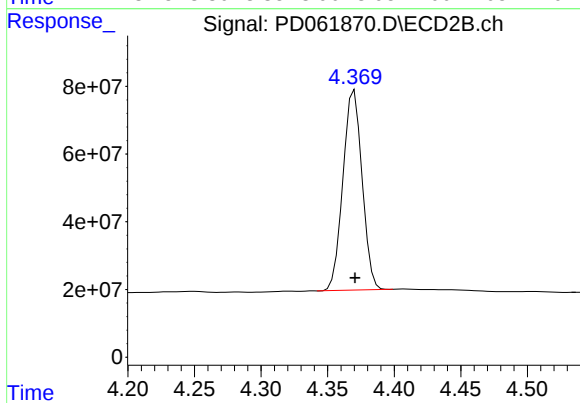
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 224435649
Conc: 25.83 ng/ml



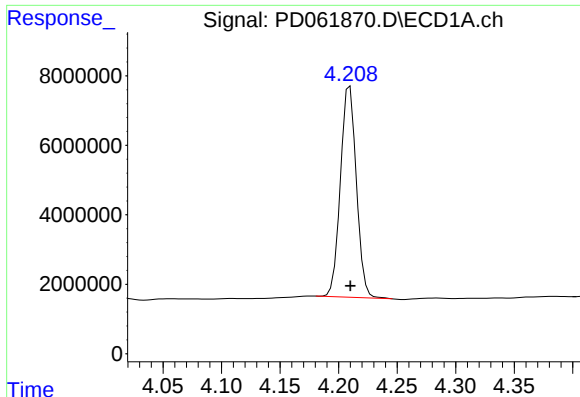
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 58602853
Conc: 46.40 ng/ml



#2 alpha-BHC

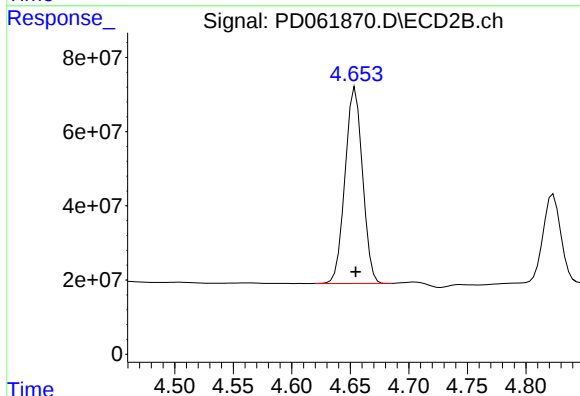
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 592073146
Conc: 44.02 ng/ml



#3 gamma-BHC (Lindane)

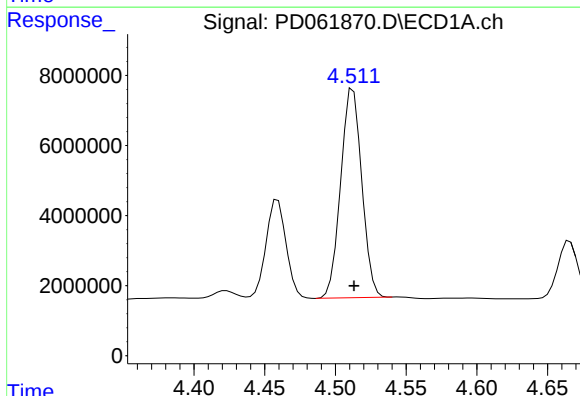
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 57497653
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



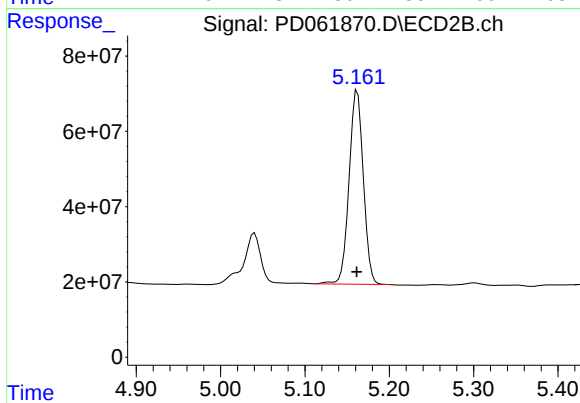
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 548823712
Conc: 44.00 ng/ml



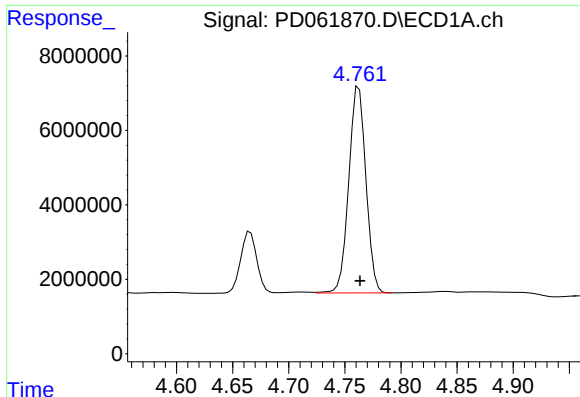
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 62104337
Conc: 53.35 ng/ml



#4 Heptachlor

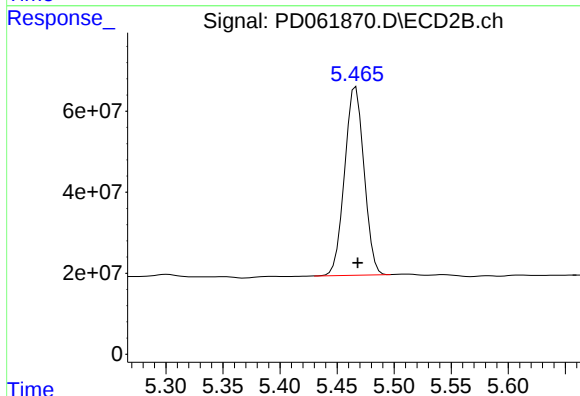
R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 605366485
Conc: 46.45 ng/ml



#5 Aldrin

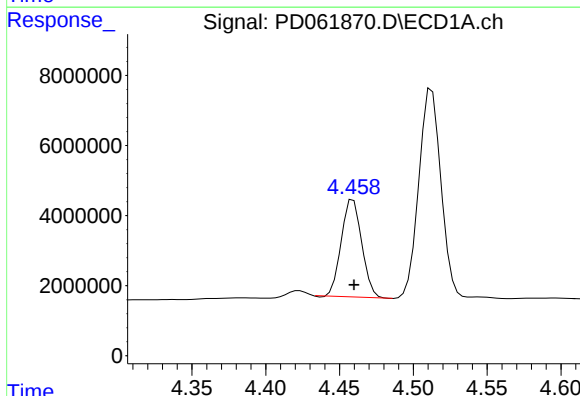
R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 58898841
Conc: 49.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



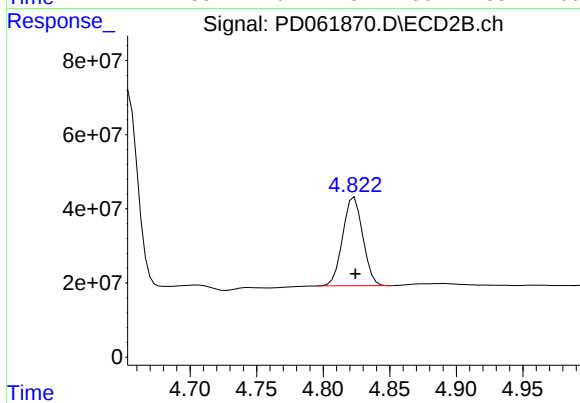
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 551192454
Conc: 44.29 ng/ml



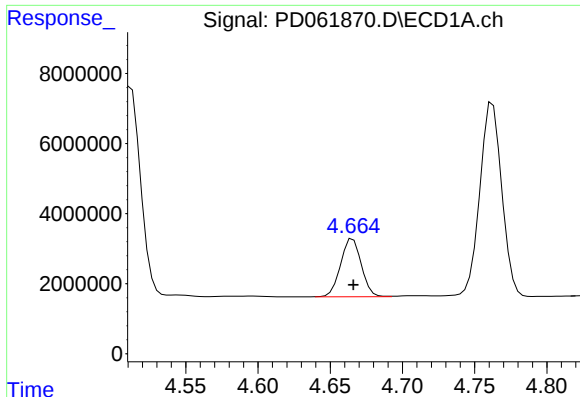
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 26916688
Conc: 49.36 ng/ml



#6 beta-BHC

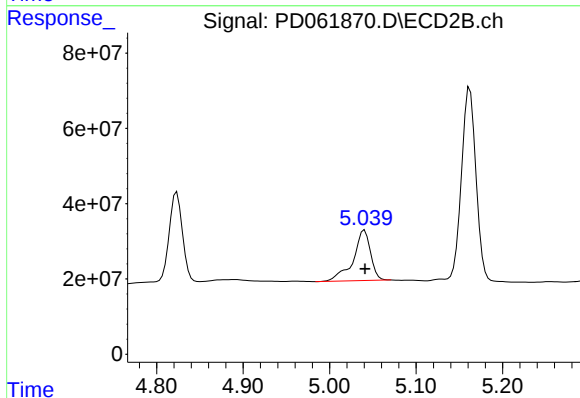
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 251507904
Conc: 48.69 ng/ml



#7 delta-BHC

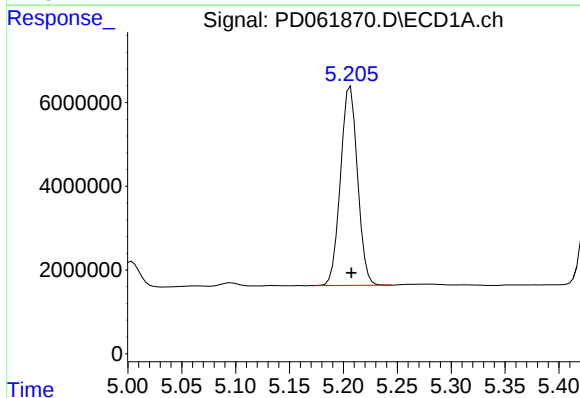
R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 16479922
Conc: 13.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



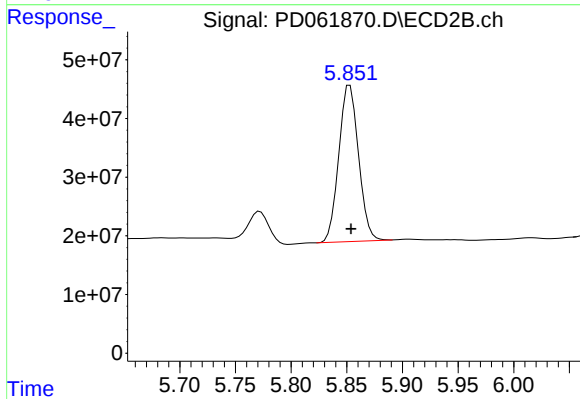
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 186694481
Conc: 14.11 ng/ml



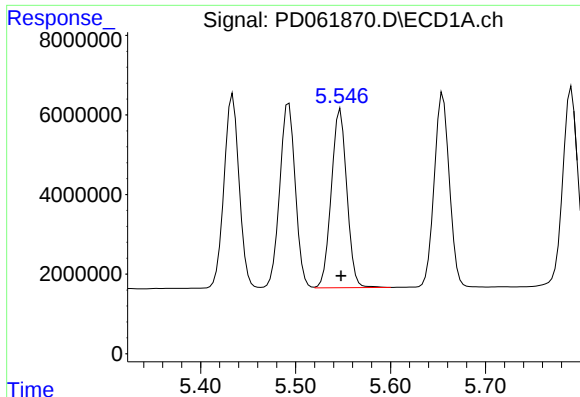
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 52211995
Conc: 45.55 ng/ml



#8 Heptachlor epoxide

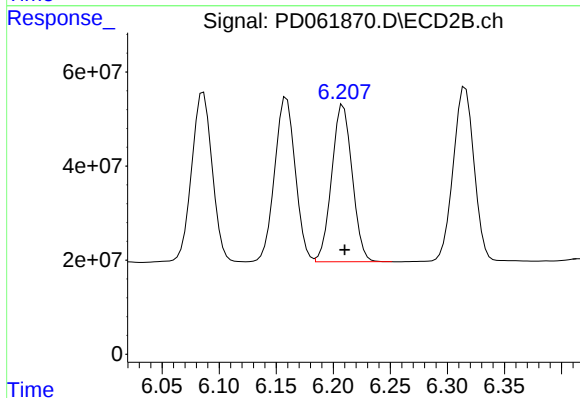
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 328977174
Conc: 27.78 ng/ml



#9 Endosulfan I

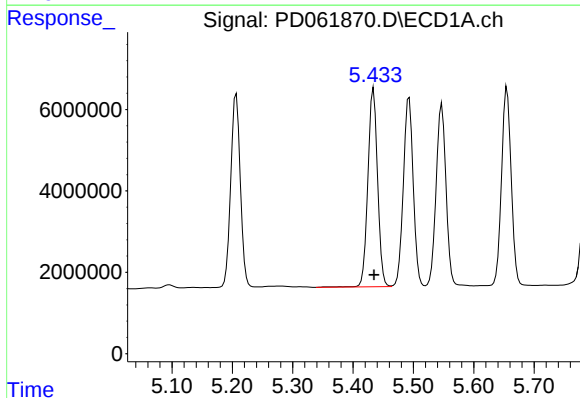
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 51044071
Conc: 46.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



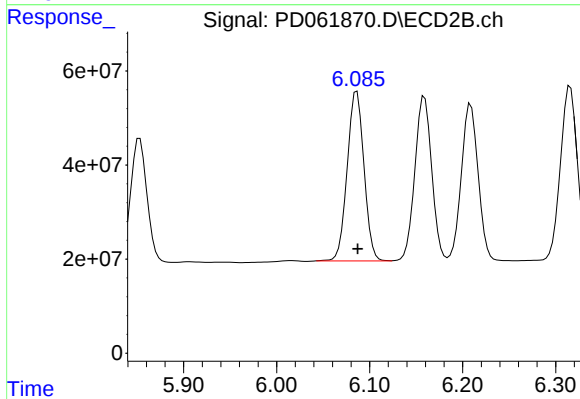
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 417831608
Conc: 38.54 ng/ml



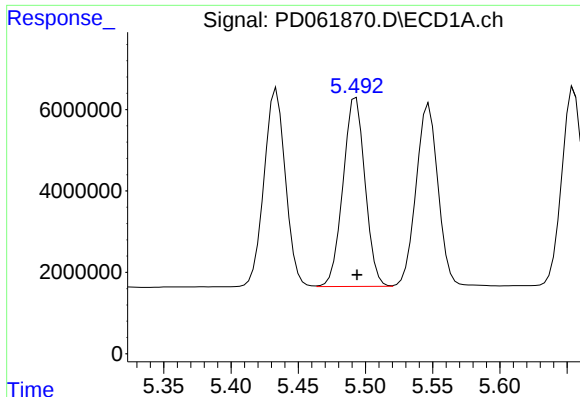
#10 gamma-Chlordane

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 54226532
Conc: 46.29 ng/ml



#10 gamma-Chlordane

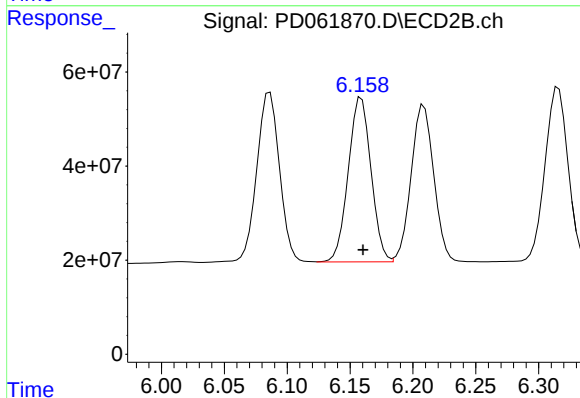
R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 452643641
Conc: 38.18 ng/ml



#11 alpha-Chlordane

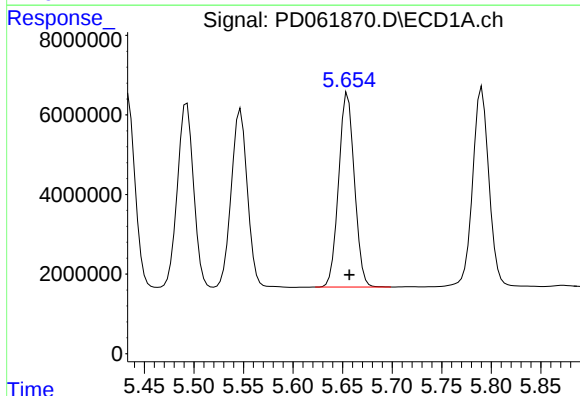
R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 52852342
Conc: 45.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



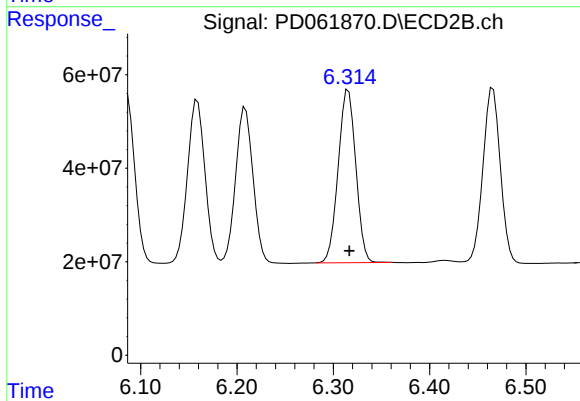
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 440590021
Conc: 38.65 ng/ml



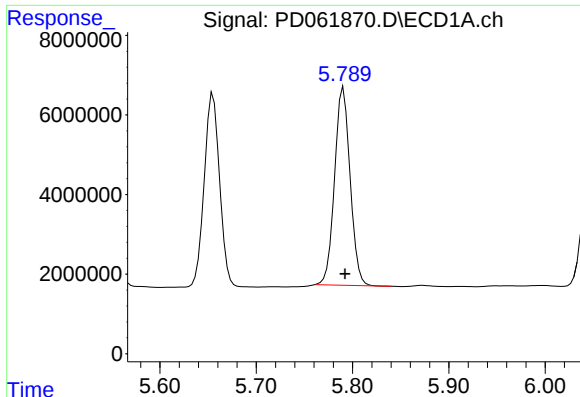
#12 4,4'-DDE

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 53992726
Conc: 48.05 ng/ml



#12 4,4'-DDE

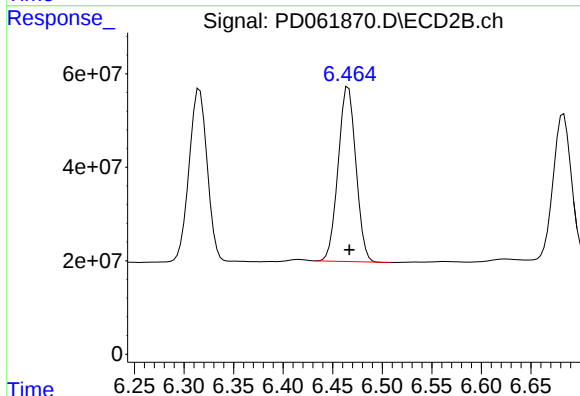
R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 469807568
Conc: 40.77 ng/ml



#13 Dieldrin

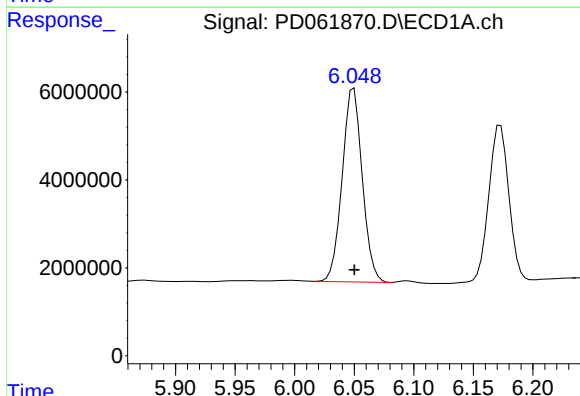
R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 55725352
Conc: 48.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



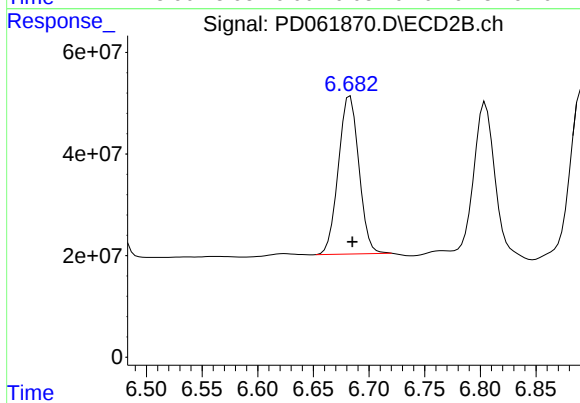
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 465424788
Conc: 40.32 ng/ml



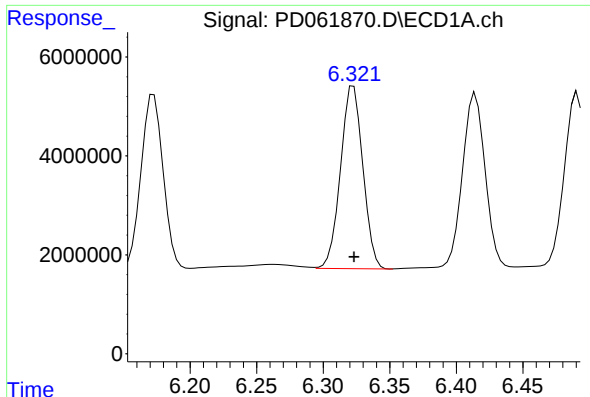
#14 Endrin

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 51607365
Conc: 50.23 ng/ml



#14 Endrin

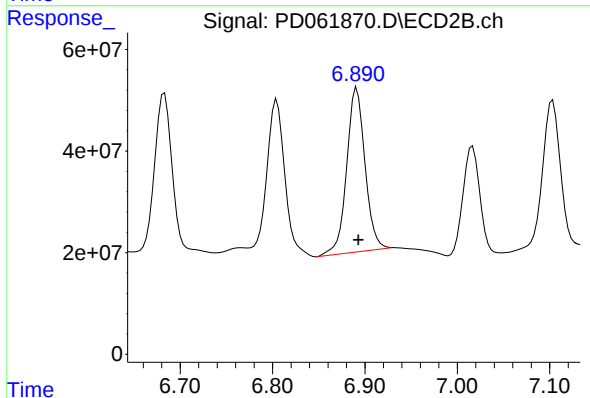
R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 399780589
Conc: 40.40 ng/ml



#15 Endosulfan II

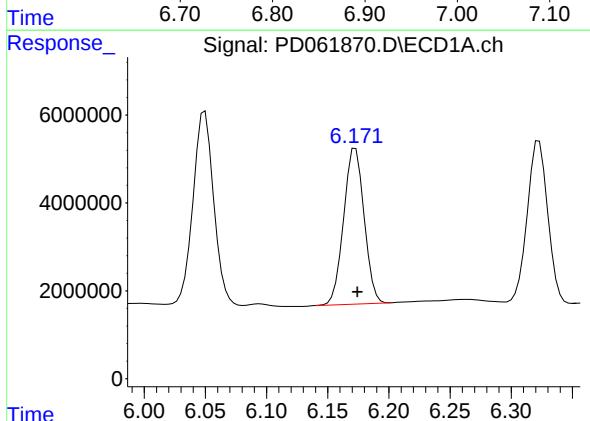
R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 43109874
Conc: 42.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



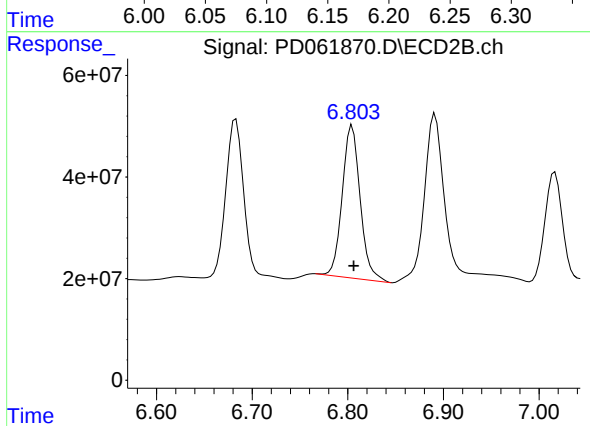
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 446948724
Conc: 47.07 ng/ml



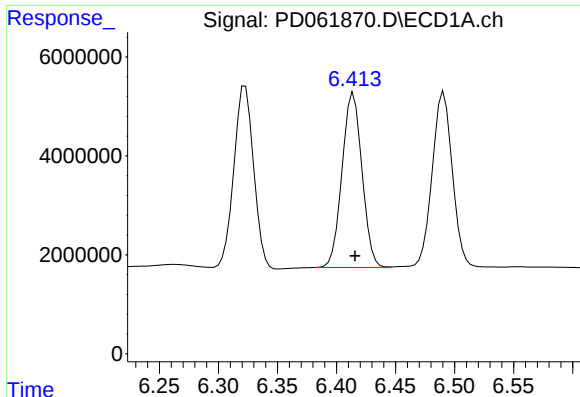
#16 4,4'-DDD

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 41296042
Conc: 44.37 ng/ml



#16 4,4'-DDD

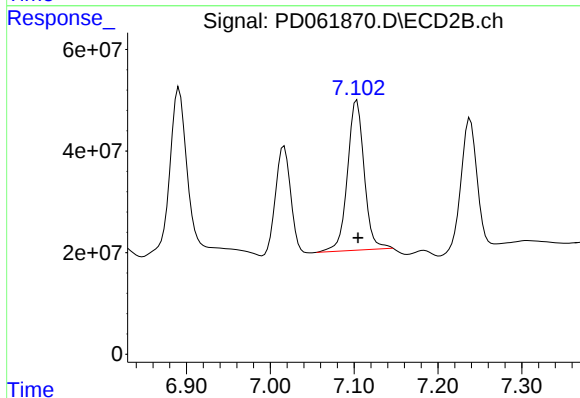
R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 391217959
Conc: 41.32 ng/ml



#17 4,4'-DDT

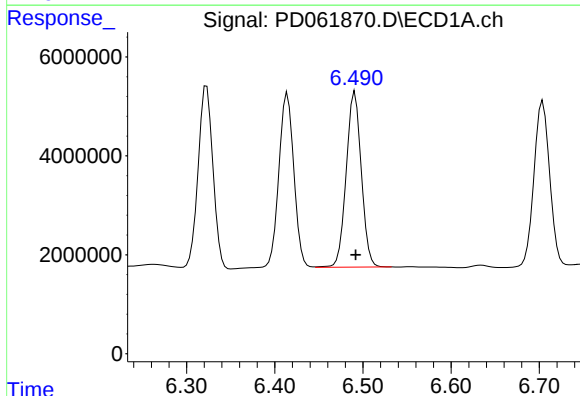
R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 41501738
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



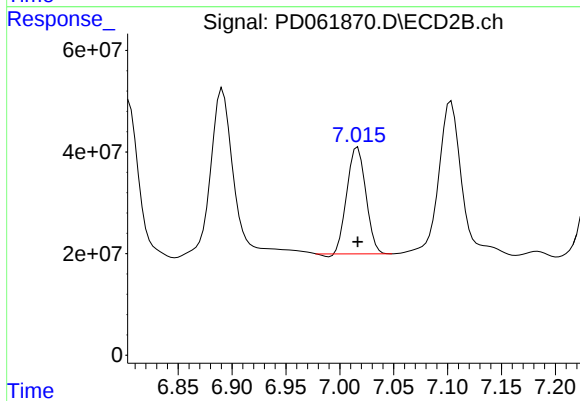
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 411137600
Conc: 43.04 ng/ml



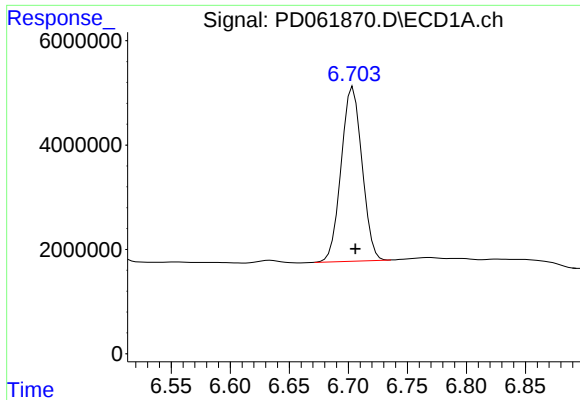
#18 Endrin aldehyde

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 42104833
Conc: 49.28 ng/ml



#18 Endrin aldehyde

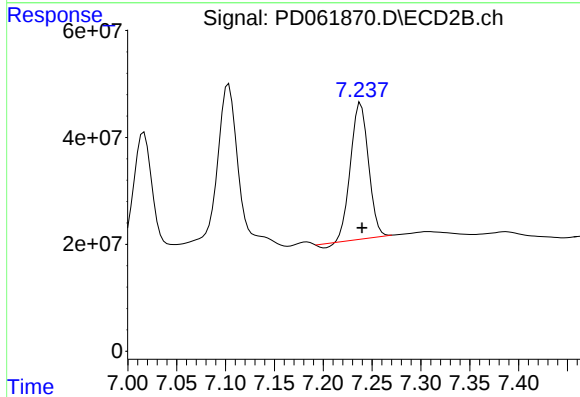
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 256566554
Conc: 32.62 ng/ml



#19 Endosulfan Sulfate

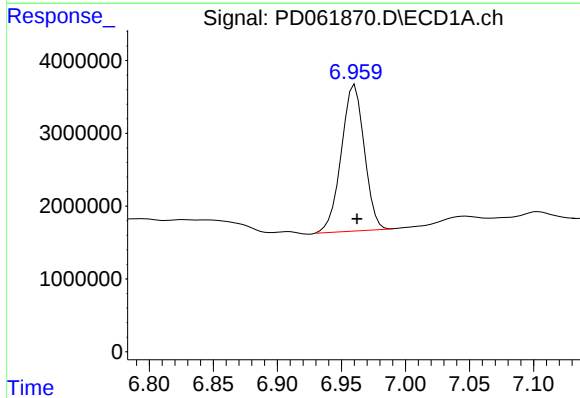
R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 41049384
Conc: 38.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



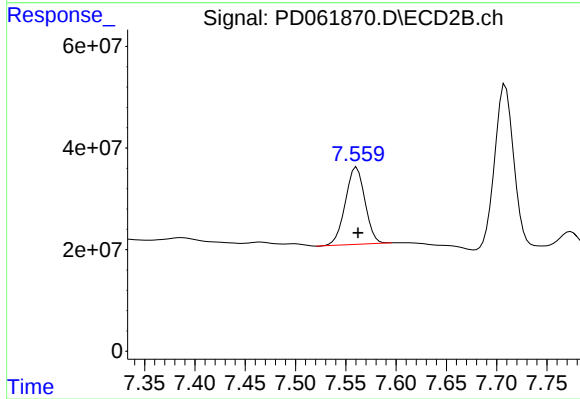
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.001 min
Response: 323117922
Conc: 32.24 ng/ml



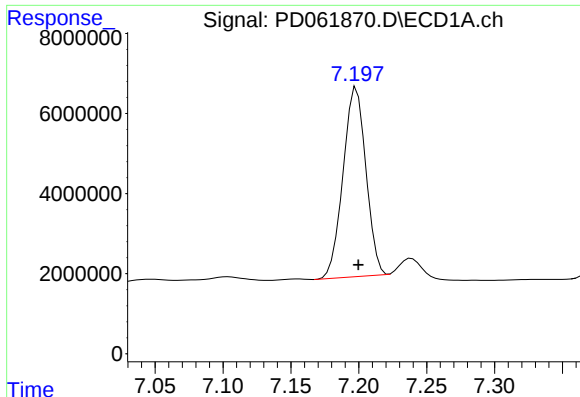
#20 Methoxychlor

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 25053233
Conc: 53.02 ng/ml



#20 Methoxychlor

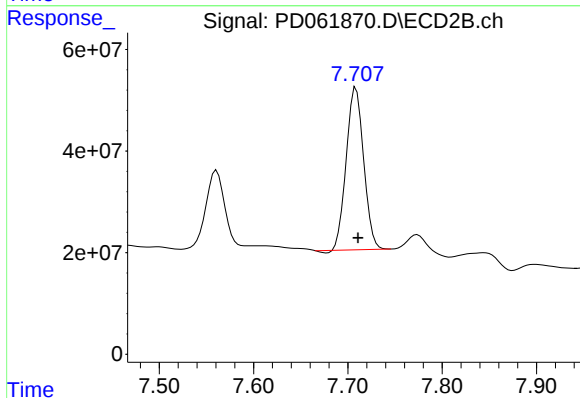
R.T.: 7.561 min
Delta R.T.: -0.002 min
Response: 205284662
Conc: 45.54 ng/ml



#21 Endrin ketone

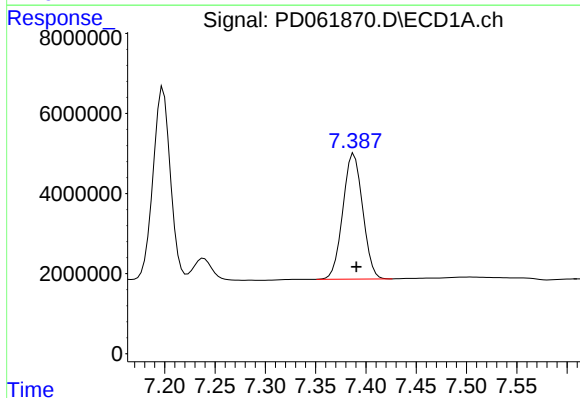
R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 55357221
Conc: 43.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



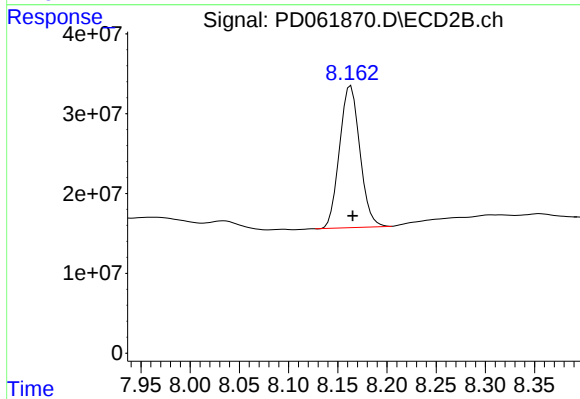
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.002 min
Response: 409925794
Conc: 40.42 ng/ml



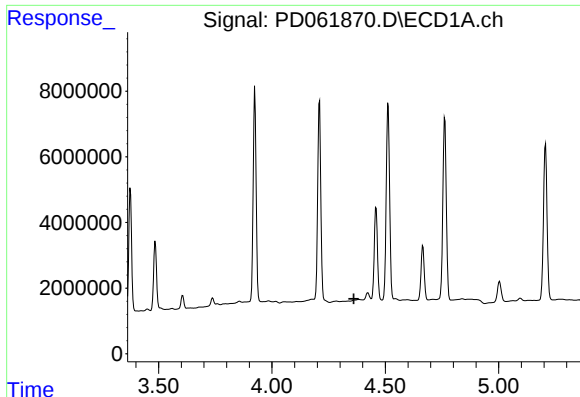
#22 Mirex

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 42911810
Conc: 51.35 ng/ml



#22 Mirex

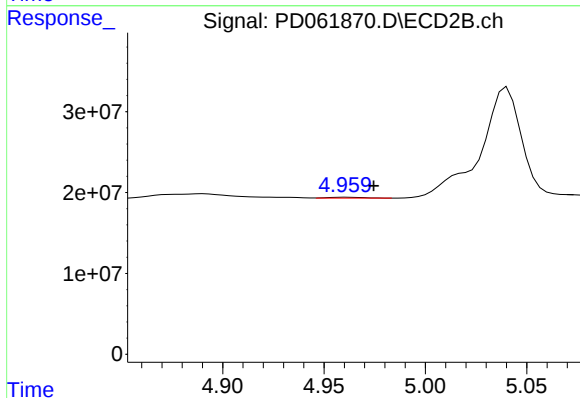
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 255513684
Conc: 39.65 ng/ml



#23 Chlordane-1

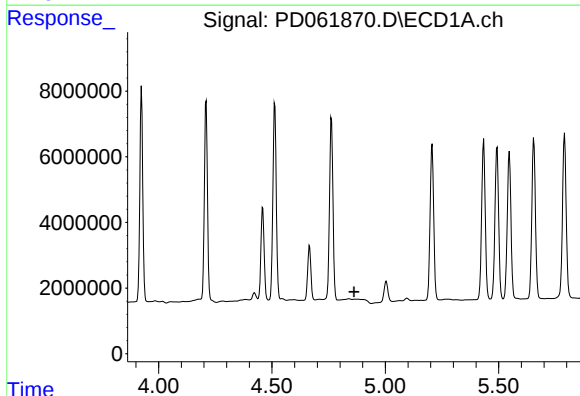
R.T.: 0.000 min
Exp R.T.: 4.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



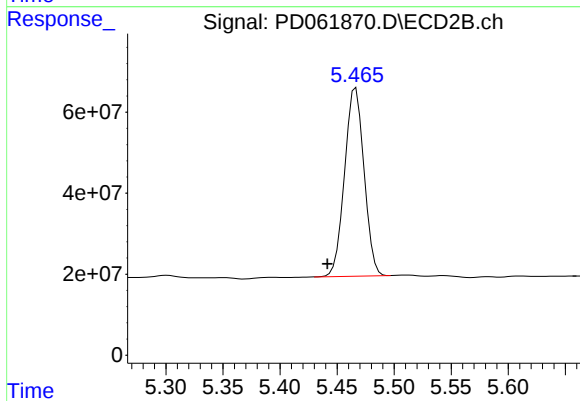
#23 Chlordane-1

R.T.: 4.960 min
Delta R.T.: -0.014 min
Response: 1362064
Conc: 3.51 ng/ml



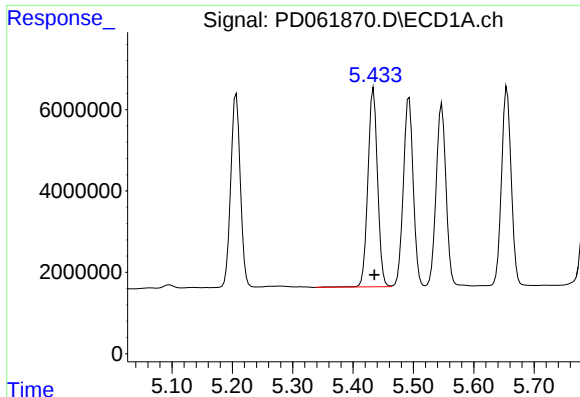
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.862 min
Response: 0
Conc: N.D.



#24 Chlordane-2

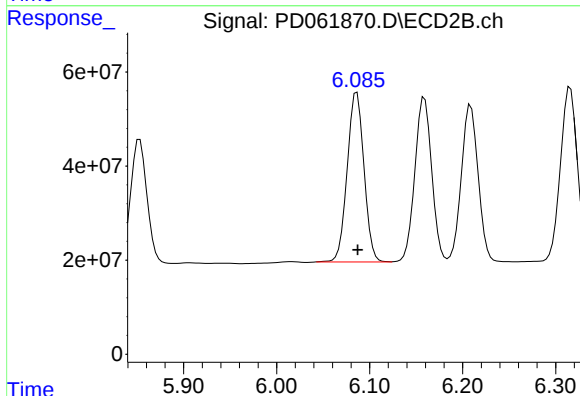
R.T.: 5.466 min
Delta R.T.: 0.025 min
Response: 551192454
Conc: 1436.47 ng/ml



#25 Chlordane-3

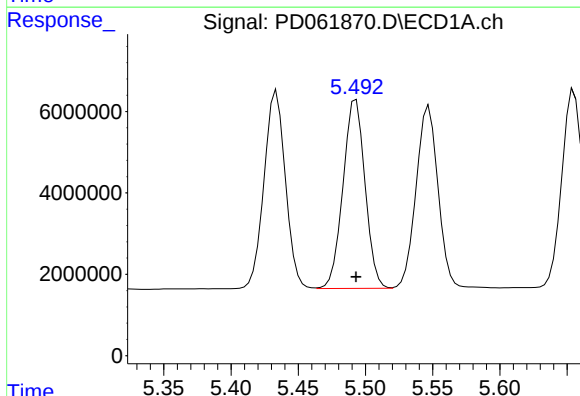
R.T.: 5.434 min
Delta R.T.: -0.001 min
Response: 54226532
Conc: 467.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



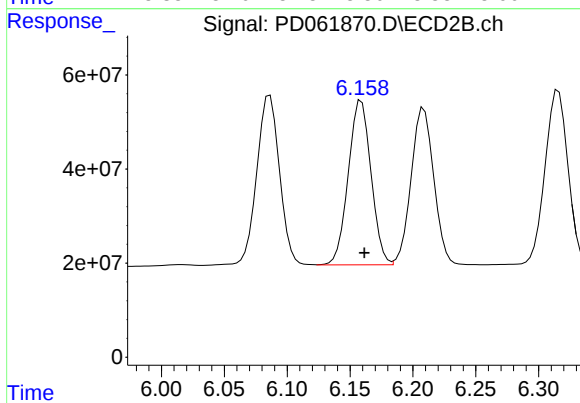
#25 Chlordane-3

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 452643641
Conc: 273.05 ng/ml



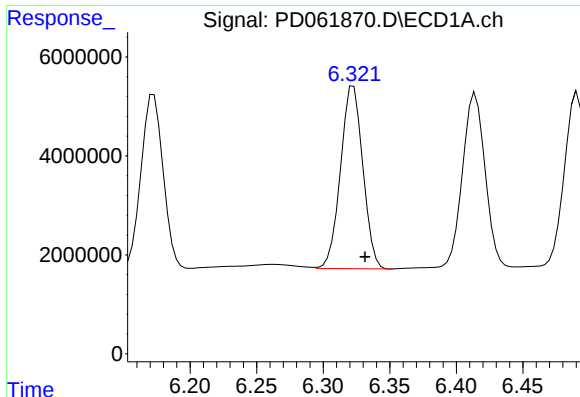
#26 Chlordane-4

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 52852342
Conc: 549.36 ng/ml



#26 Chlordane-4

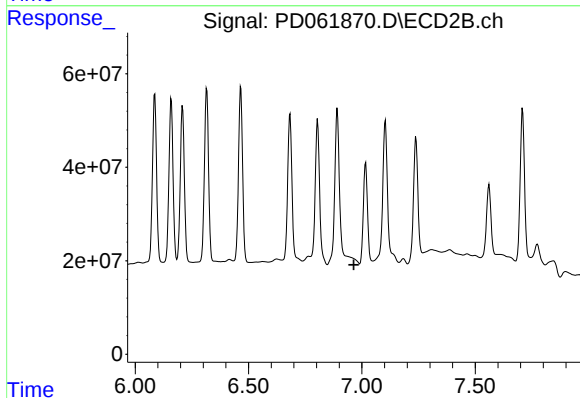
R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 440590021
Conc: 229.60 ng/ml



#27 Chlordane-5

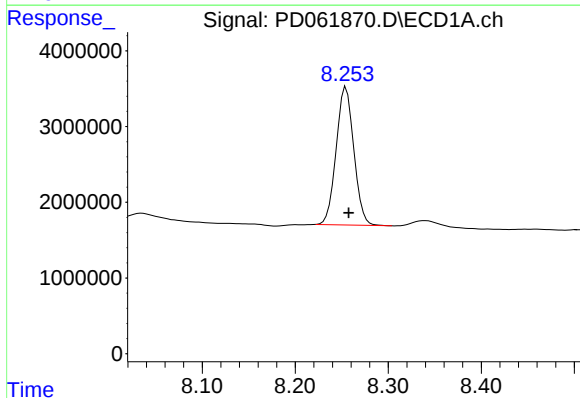
R.T.: 6.323 min
Delta R.T.: -0.009 min
Response: 43109874
Conc: 979.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
FS-SB13(25-26)MSD



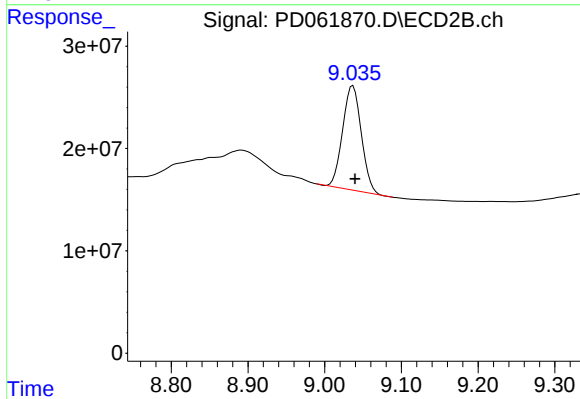
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.964 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 24017260
Conc: 19.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: -0.003 min
Response: 171779388
Conc: 18.20 ng/ml