

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121321\
 Data File : PD067270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2021 09:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 02:22:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 17:33:19 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...	3.439	3.966	95422090	412.8E6	46.179	56.867
28)	SA Decachlor...	8.163	9.026	48028732	240.1E6	42.390	47.758
Target Compounds							
2)	A alpha-BHC	3.876	4.359	158.6E6	591.8E6	47.223	56.872
3)	MA gamma-BHC...	4.158	4.645	146.3E6	503.0E6	45.520	52.779
4)	MA Heptachlor	4.451	5.144	143.6E6	408.7E6	44.138	45.405
5)	MB Aldrin	4.696	5.448	148.3E6	396.1E6	46.566	47.125
6)	B beta-BHC	4.407	4.822	60332351	219.6E6	44.199	49.823
7)	B delta-BHC	4.609	5.037	141.1E6	454.8E6	47.185	49.557
8)	B Heptachlo...	5.137	5.838	131.9E6	339.7E6	45.780	48.445
9)	A Endosulfan I	5.473	6.195	117.6E6	332.9E6	45.105	47.844
10)	B gamma-Chl...	5.361	6.071	132.1E6	351.7E6	45.413	47.783
11)	B alpha-Chl...	5.419	6.142	127.1E6	346.7E6	44.737	47.603
12)	B 4,4'-DDE	5.583	6.303	118.9E6	331.9E6	44.289	47.967
13)	MA Dieldrin	5.715	6.453	128.4E6	345.2E6	45.942	47.066
14)	MA Endrin	5.972	6.671	110.5E6	290.2E6	48.388	51.681
15)	B Endosulfa...	6.245	6.886	97184638	275.5E6	43.380	45.894
16)	A 4,4'-DDD	6.097	6.798	91645785	262.6E6	43.608	44.895
17)	MA 4,4'-DDT	6.336	7.096	97110891	266.8E6	45.897	44.706
18)	B Endrin al...	6.414	7.011	71026413	210.4E6	42.472	44.858
19)	B Endosulfa...	6.625	7.234	86141331	267.3E6	42.473	44.529
20)	A Methoxychlor	6.883	7.558	44822125	132.8E6	40.409	41.231
21)	B Endrin ke...	7.117	7.707	94313494	310.2E6	41.628	42.895
22)	Mirex	7.297	8.155	67360143	218.8E6	41.992	44.668
24)	Chlordane-2	0.000	5.448f	0	396.1E6	N.D.	1485.031 #
25)	Chlordane-3	5.361	6.071	132.1E6	351.7E6	479.816	368.167
26)	Chlordane-4	5.419	6.142	127.1E6	346.7E6	556.783	311.906 #
27)	Chlordane-5	6.245	0.000	97184638	0	1069.522	N.D. #

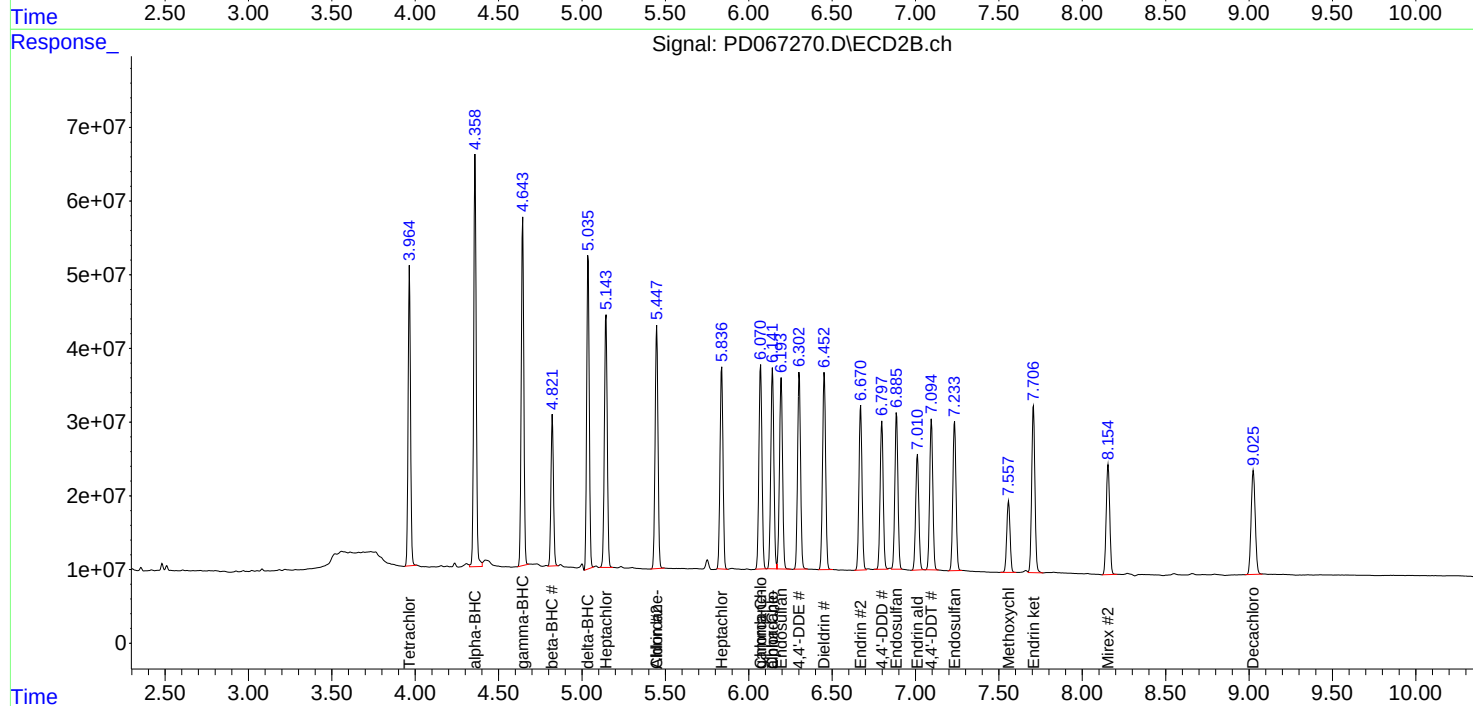
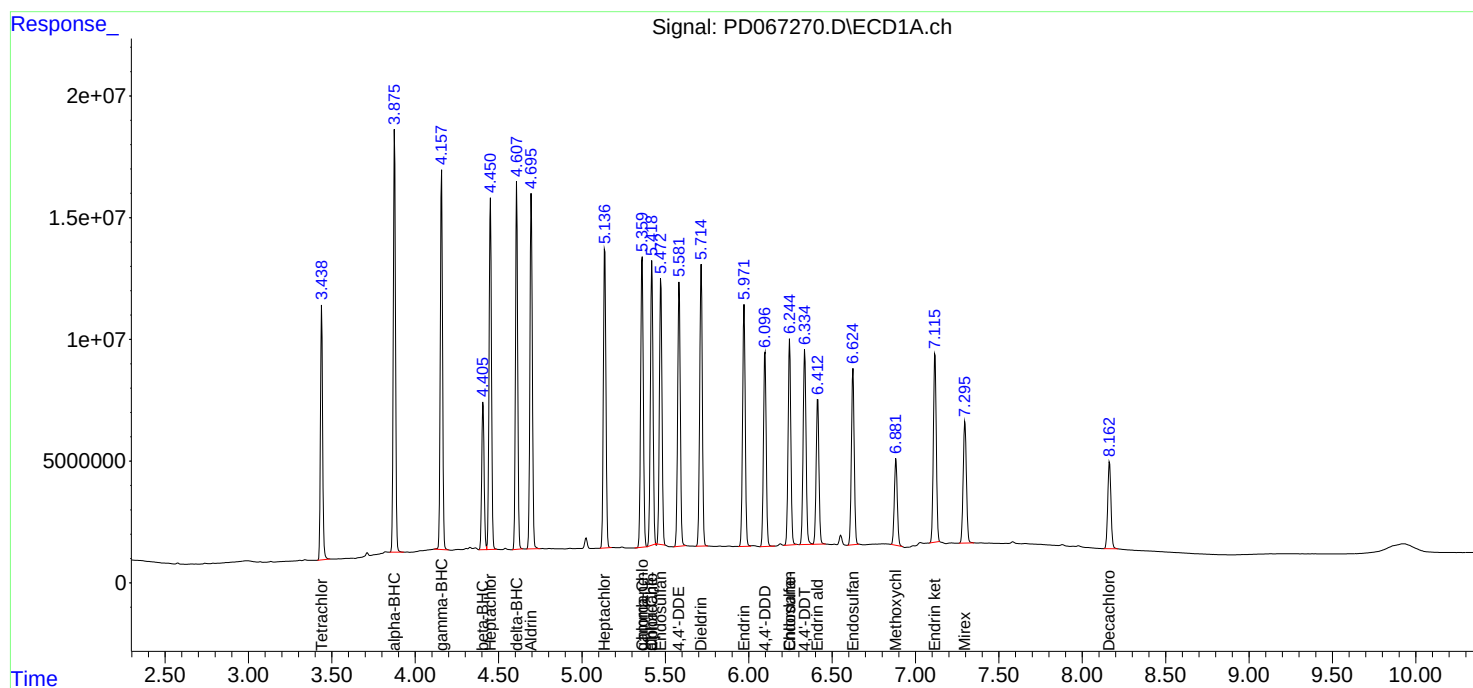
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

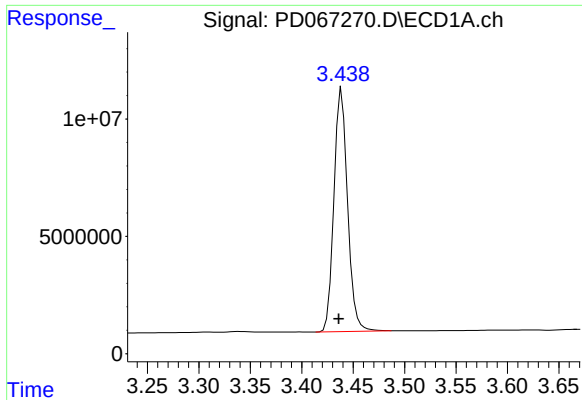
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121321\
Data File : PD067270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2021 09:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 02:22:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 17:33:19 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

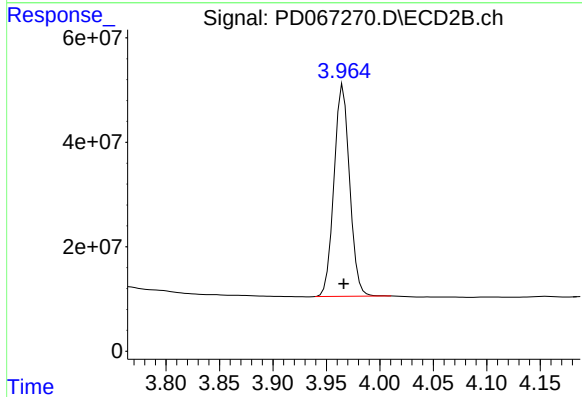




#1 Tetrachloro-m-xylene

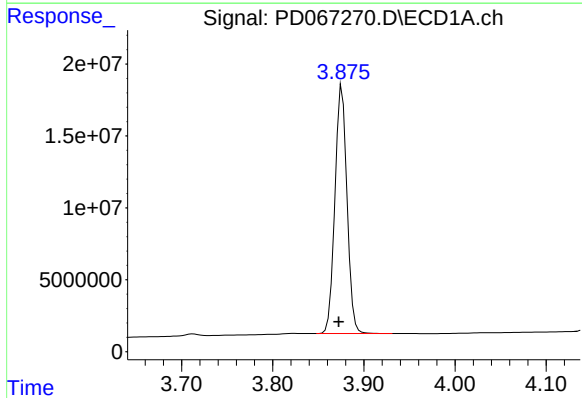
R.T.: 3.439 min
Delta R.T.: 0.003 min
Response: 95422090
Conc: 46.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



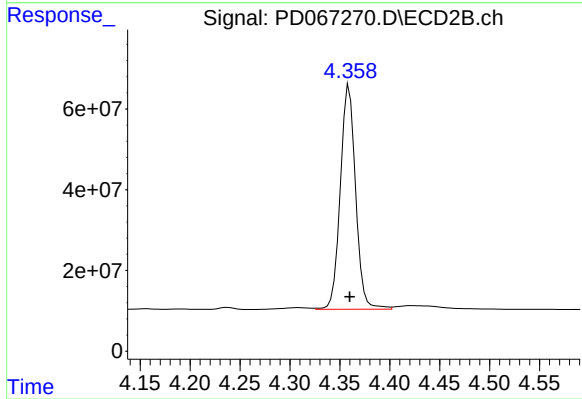
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 412752261
Conc: 56.87 ng/ml



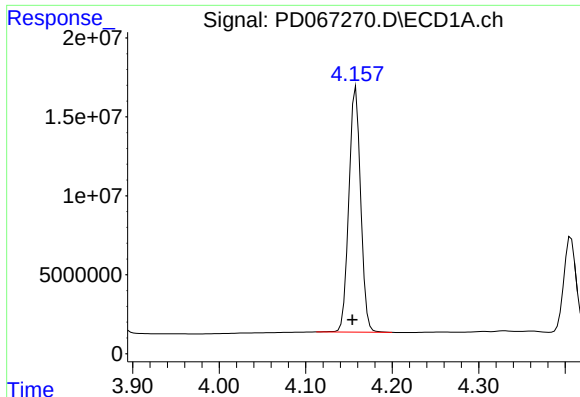
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.004 min
Response: 158625150
Conc: 47.22 ng/ml



#2 alpha-BHC

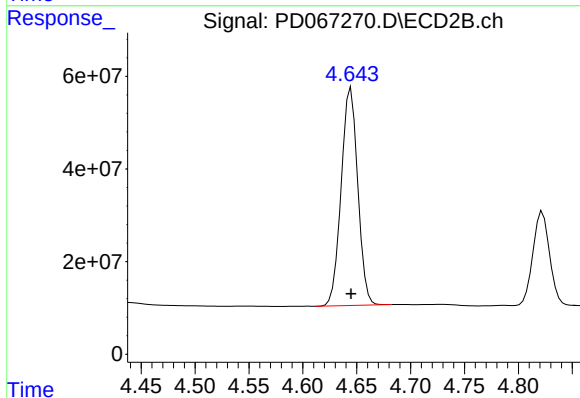
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 591840447
Conc: 56.87 ng/ml



#3 gamma-BHC (Lindane)

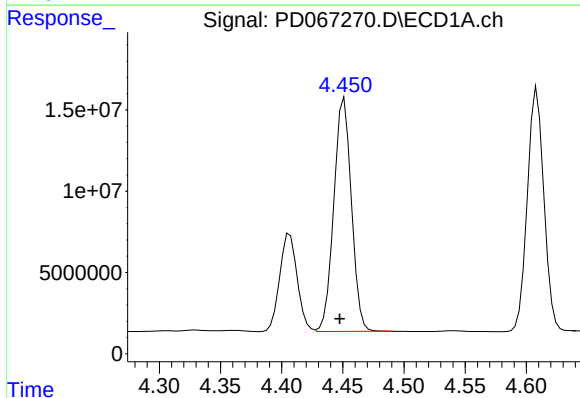
R.T.: 4.158 min
Delta R.T.: 0.004 min
Response: 146284106
Conc: 45.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



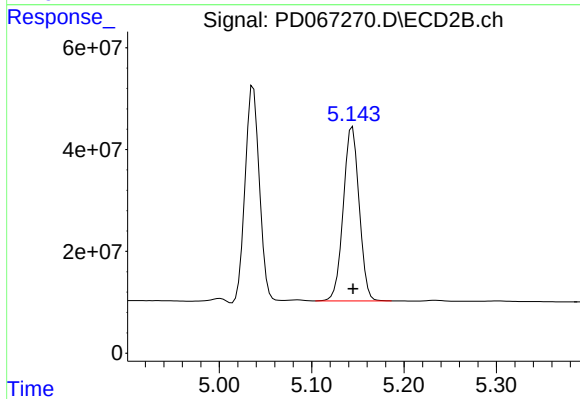
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 502971206
Conc: 52.78 ng/ml



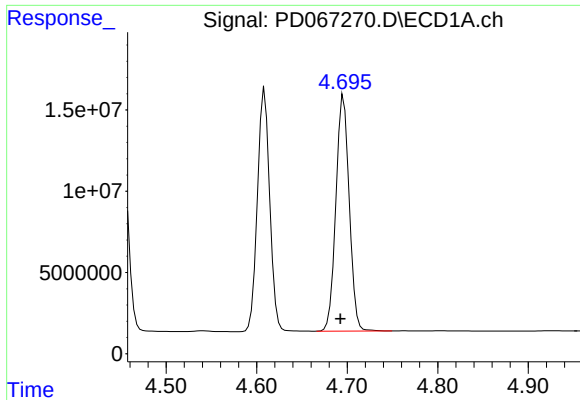
#4 Heptachlor

R.T.: 4.451 min
Delta R.T.: 0.004 min
Response: 143599594
Conc: 44.14 ng/ml



#4 Heptachlor

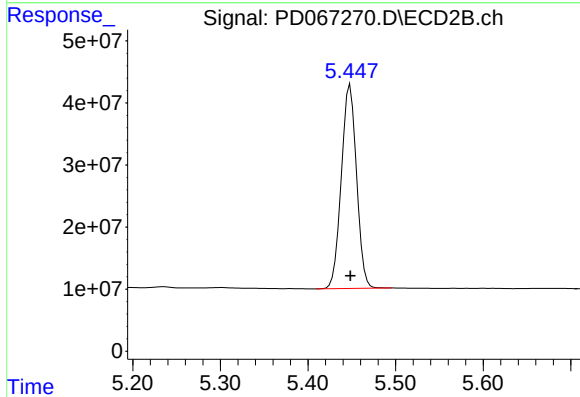
R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 408687255
Conc: 45.41 ng/ml



#5 Aldrin

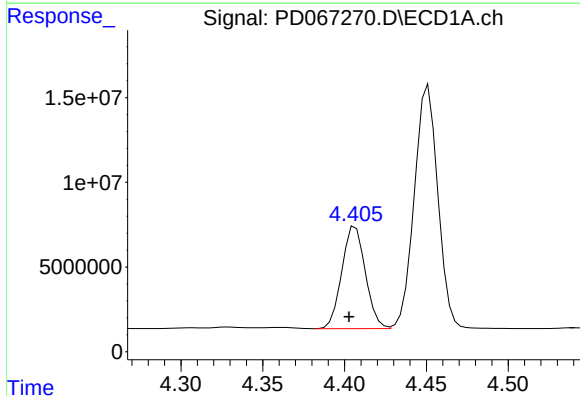
R.T.: 4.696 min
Delta R.T.: 0.004 min
Response: 148282524
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



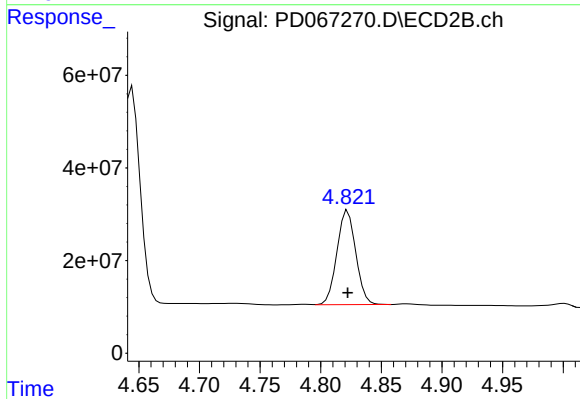
#5 Aldrin

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 396136271
Conc: 47.13 ng/ml



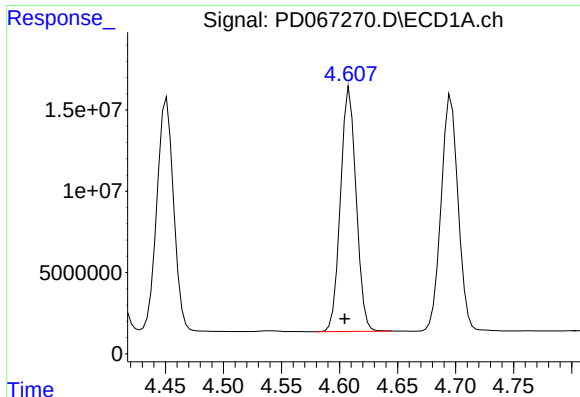
#6 beta-BHC

R.T.: 4.407 min
Delta R.T.: 0.004 min
Response: 60332351
Conc: 44.20 ng/ml



#6 beta-BHC

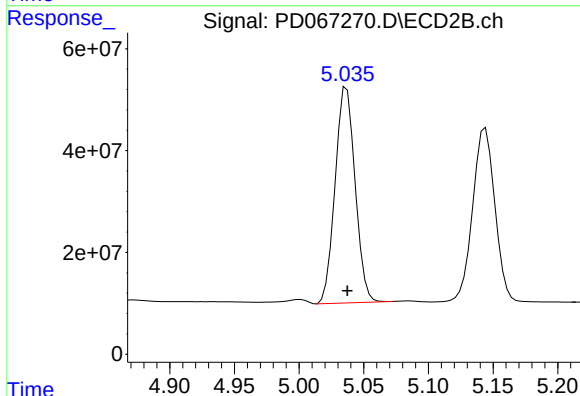
R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 219631332
Conc: 49.82 ng/ml



#7 delta-BHC

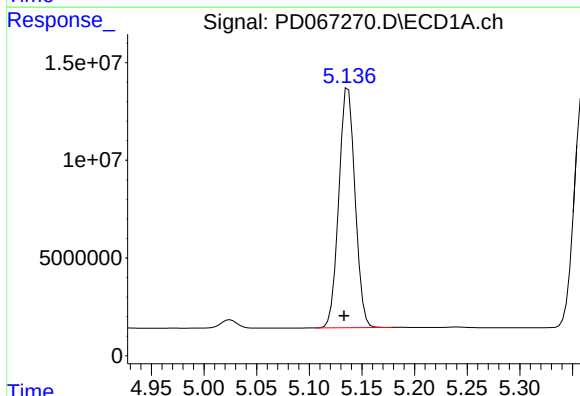
R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 141105692
Conc: 47.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



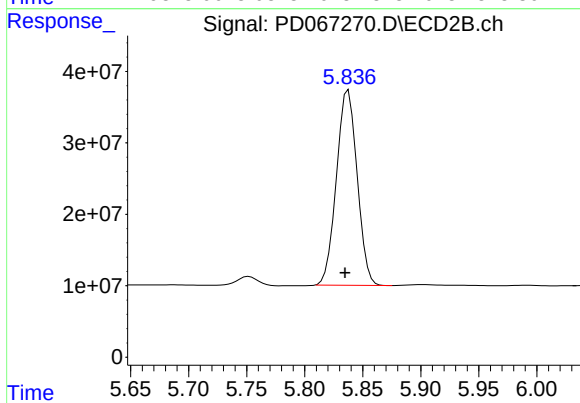
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 454797166
Conc: 49.56 ng/ml



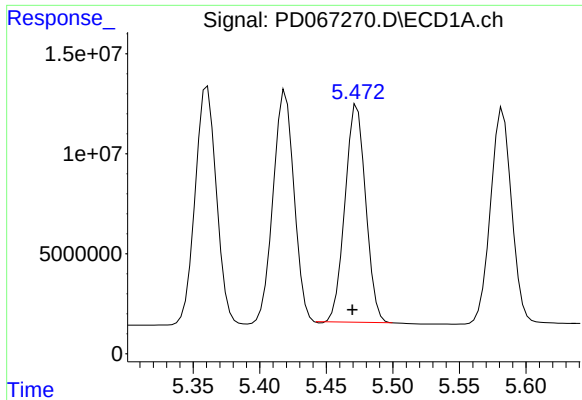
#8 Heptachlor epoxide

R.T.: 5.137 min
Delta R.T.: 0.004 min
Response: 131875174
Conc: 45.78 ng/ml



#8 Heptachlor epoxide

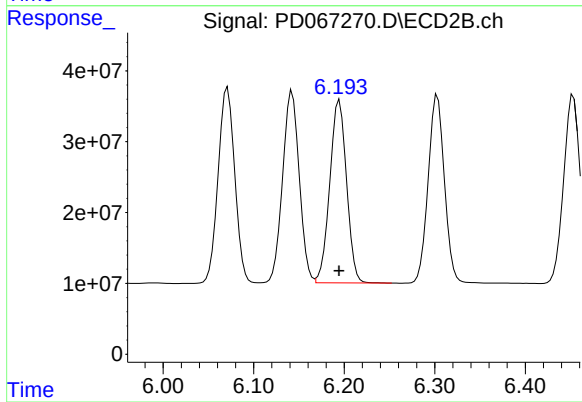
R.T.: 5.838 min
Delta R.T.: 0.003 min
Response: 339680089
Conc: 48.45 ng/ml



#9 Endosulfan I

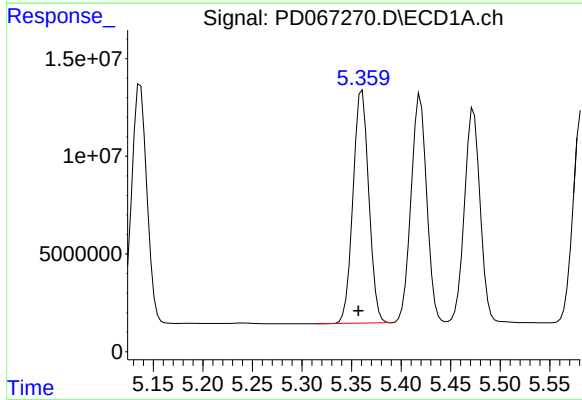
R.T.: 5.473 min
Delta R.T.: 0.004 min
Response: 117613792
Conc: 45.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



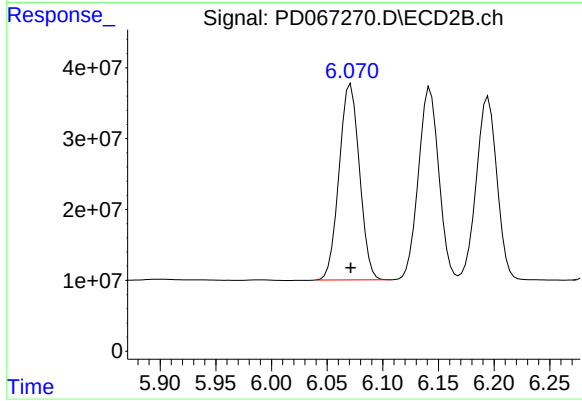
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 332872977
Conc: 47.84 ng/ml



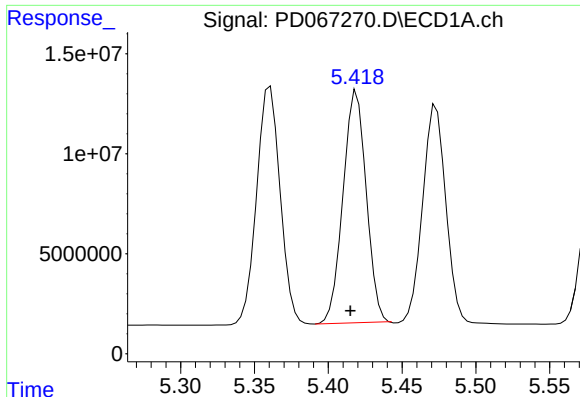
#10 gamma-Chlordane

R.T.: 5.361 min
Delta R.T.: 0.004 min
Response: 132075584
Conc: 45.41 ng/ml



#10 gamma-Chlordane

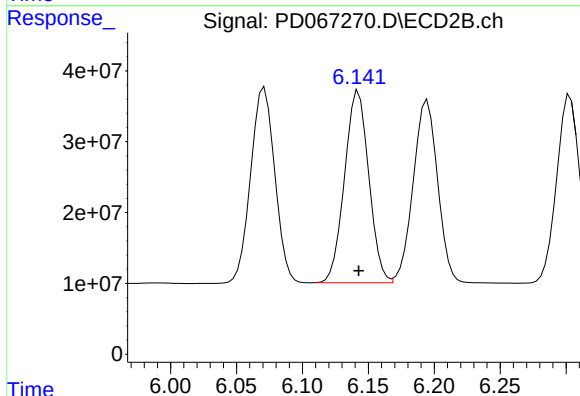
R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 351690100
Conc: 47.78 ng/ml



#11 alpha-Chlordane

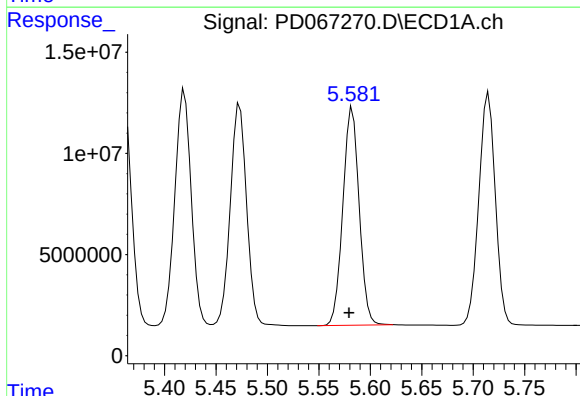
R.T.: 5.419 min
Delta R.T.: 0.004 min
Response: 127093009
Conc: 44.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



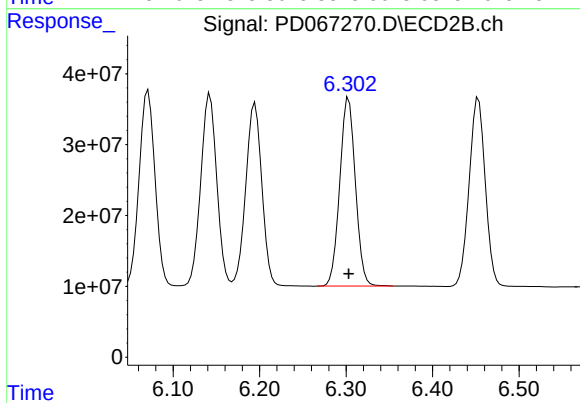
#11 alpha-Chlordane

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 346732847
Conc: 47.60 ng/ml



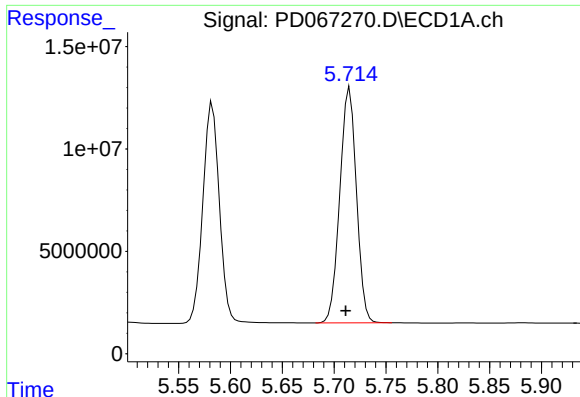
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: 0.003 min
Response: 118852326
Conc: 44.29 ng/ml



#12 4,4'-DDE

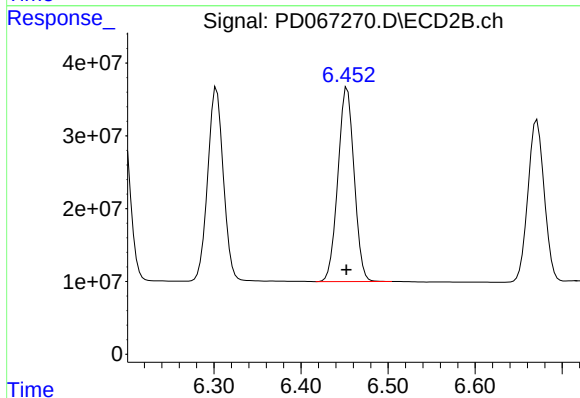
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 331905373
Conc: 47.97 ng/ml



#13 Dieldrin

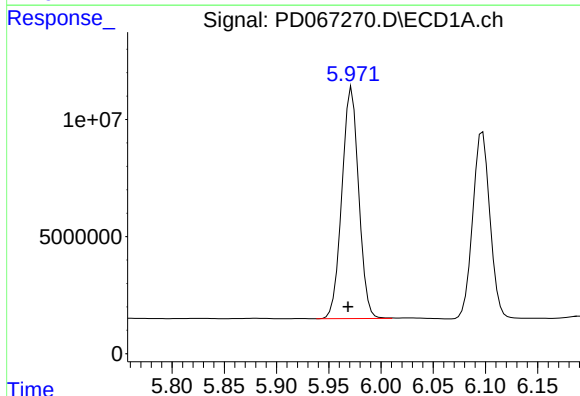
R.T.: 5.715 min
Delta R.T.: 0.004 min
Response: 128419869
Conc: 45.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



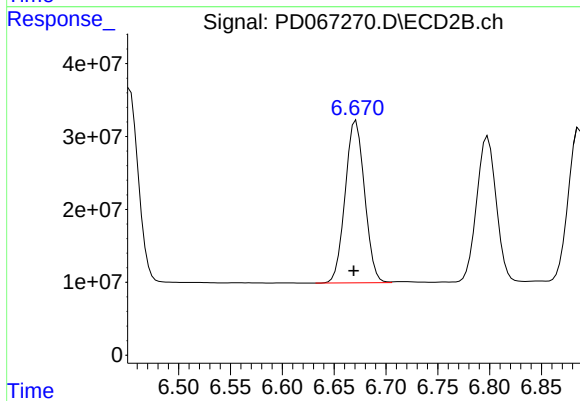
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 345164588
Conc: 47.07 ng/ml



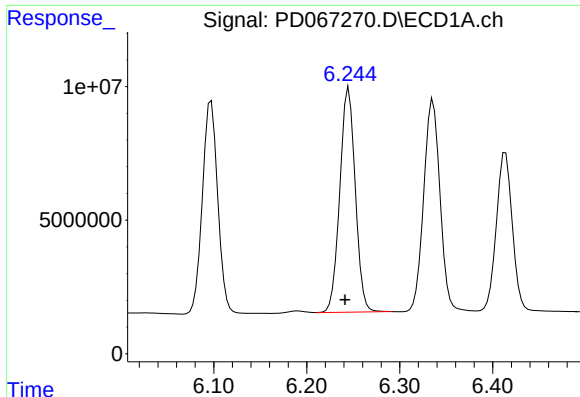
#14 Endrin

R.T.: 5.972 min
Delta R.T.: 0.004 min
Response: 110483695
Conc: 48.39 ng/ml



#14 Endrin

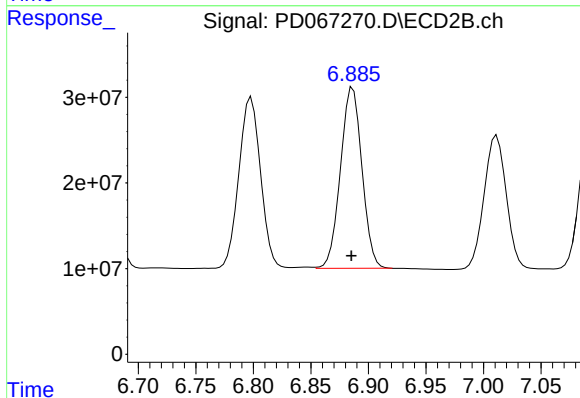
R.T.: 6.671 min
Delta R.T.: 0.002 min
Response: 290177817
Conc: 51.68 ng/ml



#15 Endosulfan II

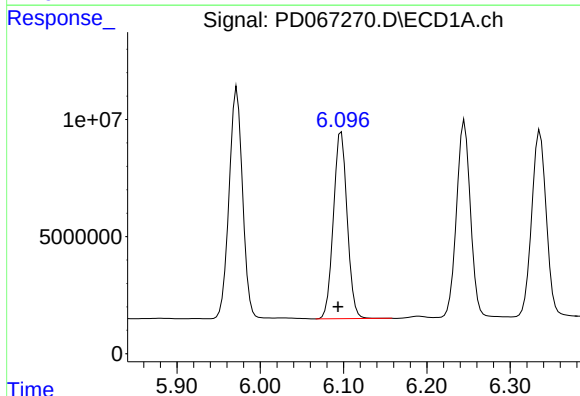
R.T.: 6.245 min
Delta R.T.: 0.004 min
Response: 97184638
Conc: 43.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



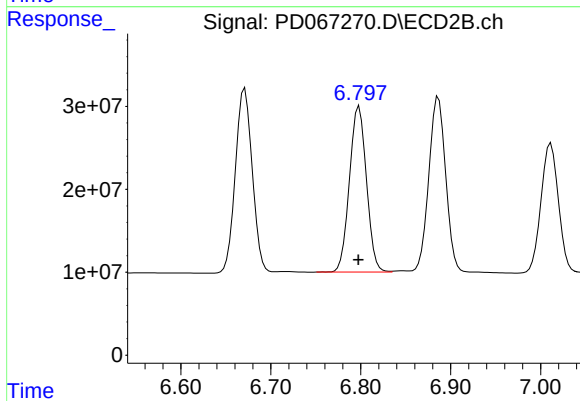
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: 0.001 min
Response: 275457031
Conc: 45.89 ng/ml



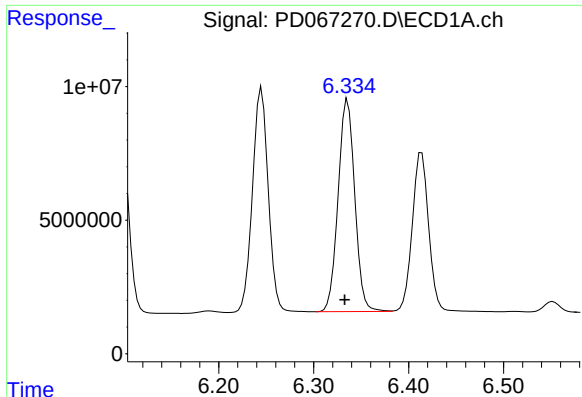
#16 4,4'-DDD

R.T.: 6.097 min
Delta R.T.: 0.004 min
Response: 91645785
Conc: 43.61 ng/ml



#16 4,4'-DDD

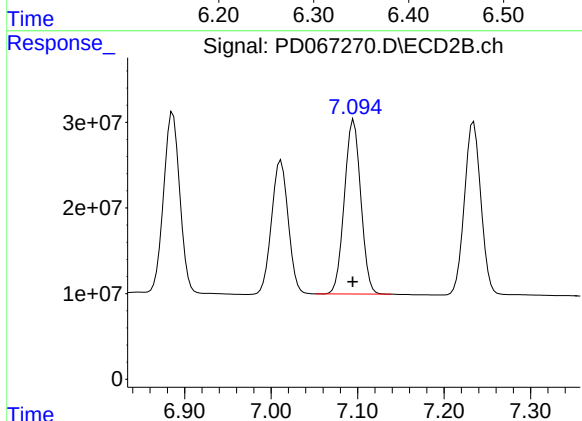
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 262553718
Conc: 44.89 ng/ml



#17 4,4'-DDT

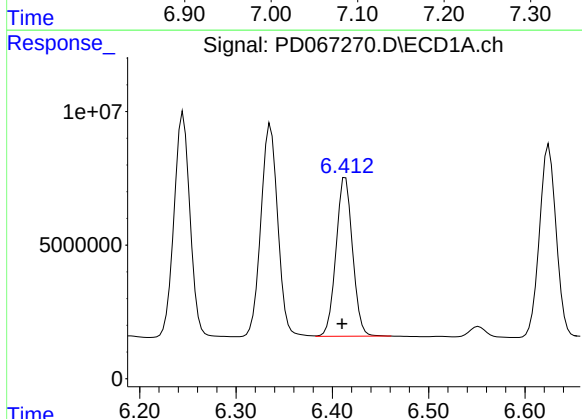
R.T.: 6.336 min
Delta R.T.: 0.003 min
Response: 97110891
Conc: 45.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



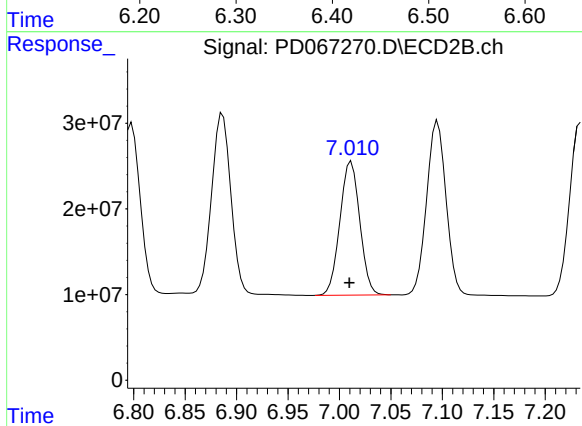
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.001 min
Response: 266820589
Conc: 44.71 ng/ml



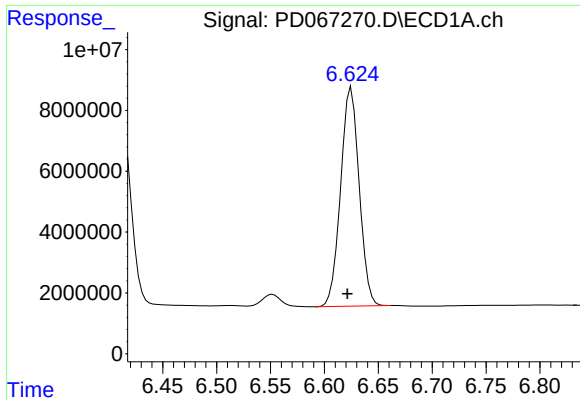
#18 Endrin aldehyde

R.T.: 6.414 min
Delta R.T.: 0.004 min
Response: 71026413
Conc: 42.47 ng/ml



#18 Endrin aldehyde

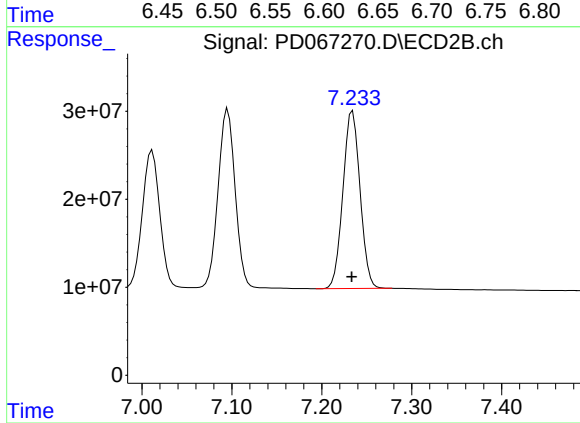
R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 210371281
Conc: 44.86 ng/ml



#19 Endosulfan Sulfate

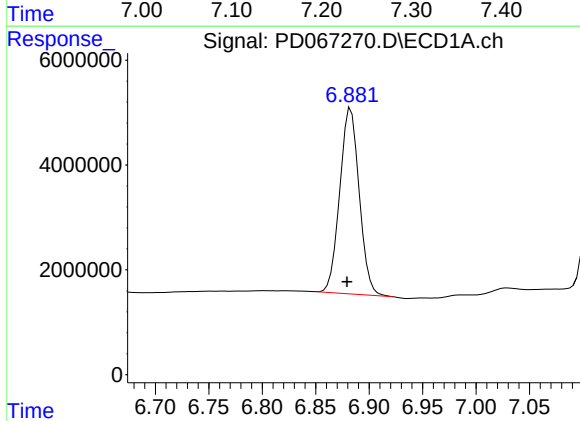
R.T.: 6.625 min
Delta R.T.: 0.004 min
Response: 86141331
Conc: 42.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



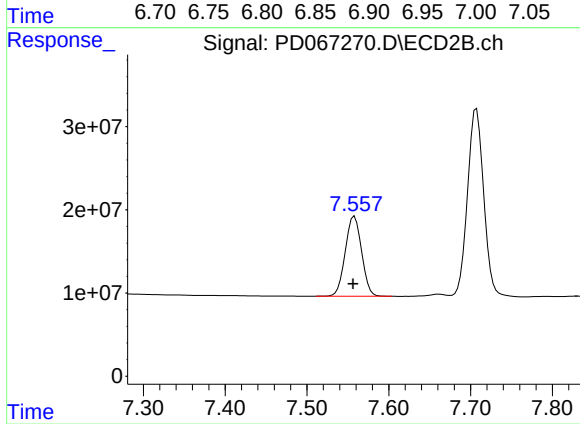
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.001 min
Response: 267346644
Conc: 44.53 ng/ml



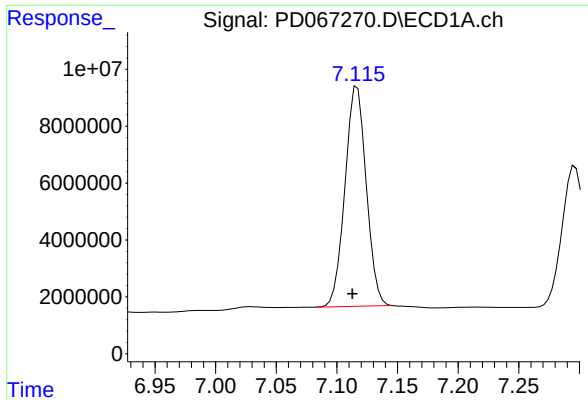
#20 Methoxychlor

R.T.: 6.883 min
Delta R.T.: 0.004 min
Response: 44822125
Conc: 40.41 ng/ml



#20 Methoxychlor

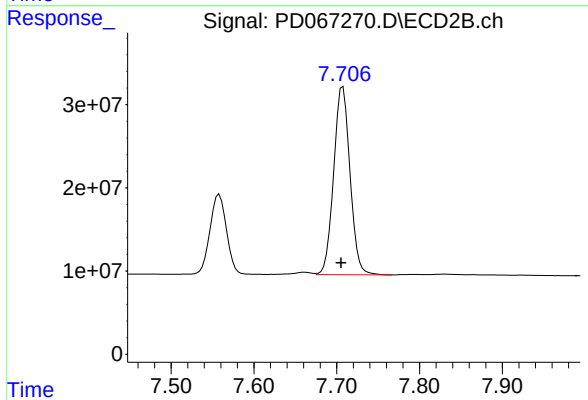
R.T.: 7.558 min
Delta R.T.: 0.002 min
Response: 132802615
Conc: 41.23 ng/ml



#21 Endrin ketone

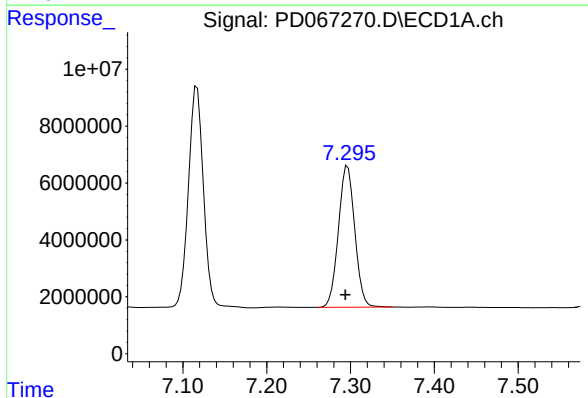
R.T.: 7.117 min
Delta R.T.: 0.004 min
Response: 94313494
Conc: 41.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



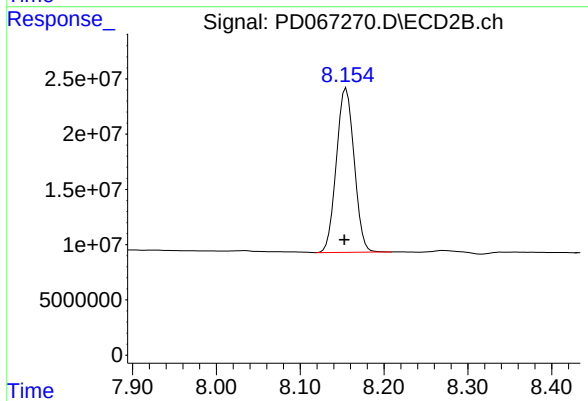
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.002 min
Response: 310223502
Conc: 42.90 ng/ml



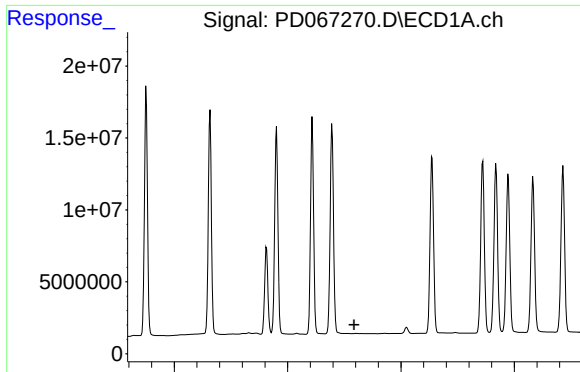
#22 Mirex

R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 67360143
Conc: 41.99 ng/ml



#22 Mirex

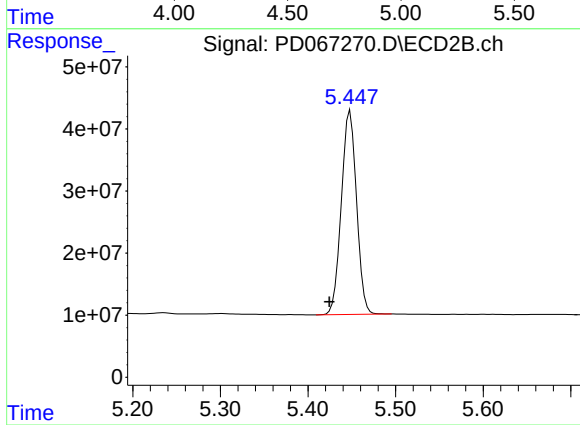
R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 218780186
Conc: 44.67 ng/ml



#24 Chlordane-2

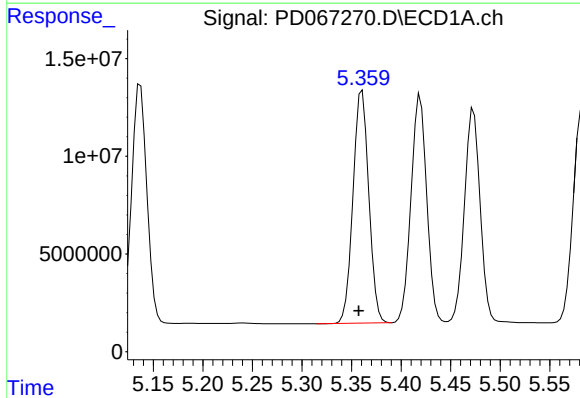
R.T.: 0.000 min
Exp R.T.: 4.794 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



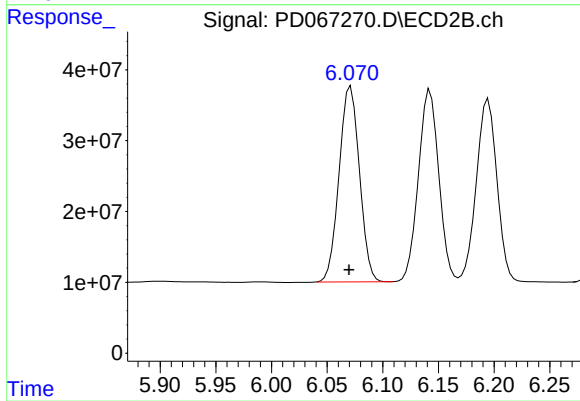
#24 Chlordane-2

R.T.: 5.448 min
Delta R.T.: 0.024 min
Response: 396136271
Conc: 1485.03 ng/ml



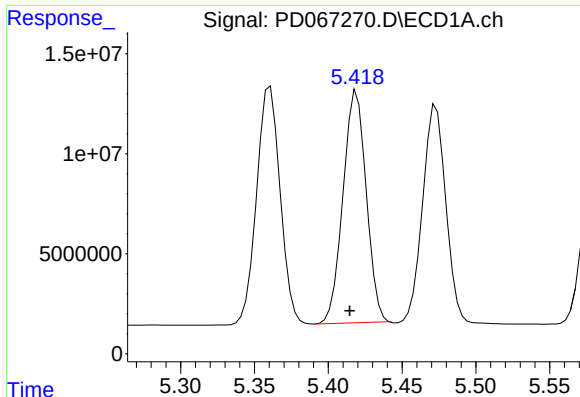
#25 Chlordane-3

R.T.: 5.361 min
Delta R.T.: 0.003 min
Response: 132075584
Conc: 479.82 ng/ml



#25 Chlordane-3

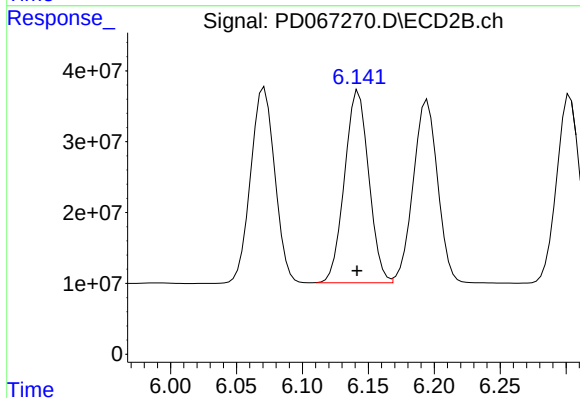
R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 351690100
Conc: 368.17 ng/ml



#26 Chlordane-4

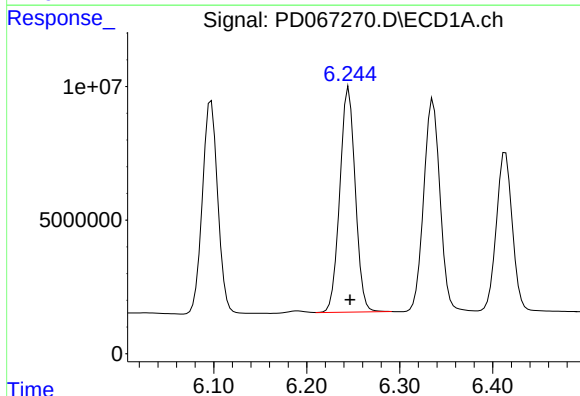
R.T.: 5.419 min
Delta R.T.: 0.005 min
Response: 127093009
Conc: 556.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



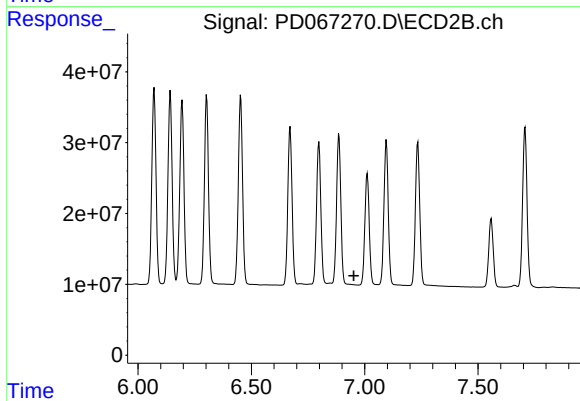
#26 Chlordane-4

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 346732847
Conc: 311.91 ng/ml



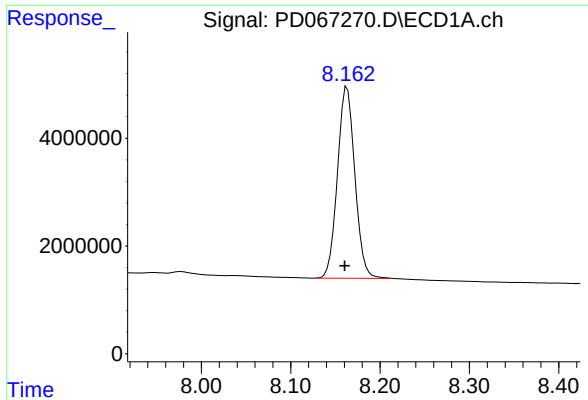
#27 Chlordane-5

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 97184638
Conc: 1069.52 ng/ml



#27 Chlordane-5

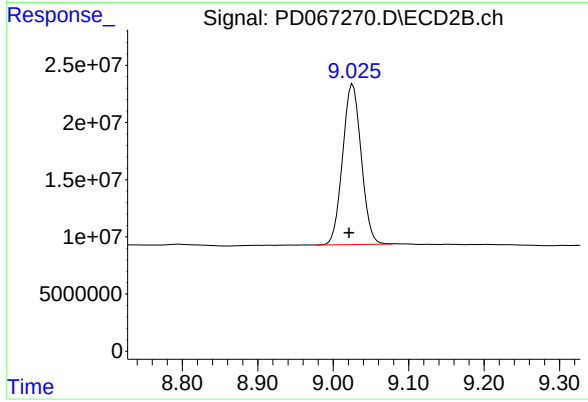
R.T.: 0.000 min
Exp R.T. : 6.952 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.163 min
Delta R.T.: 0.003 min
Response: 48028732
Conc: 42.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.005 min
Response: 240094331
Conc: 47.76 ng/ml