

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020923\
 Data File : PD073878.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2023 09:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

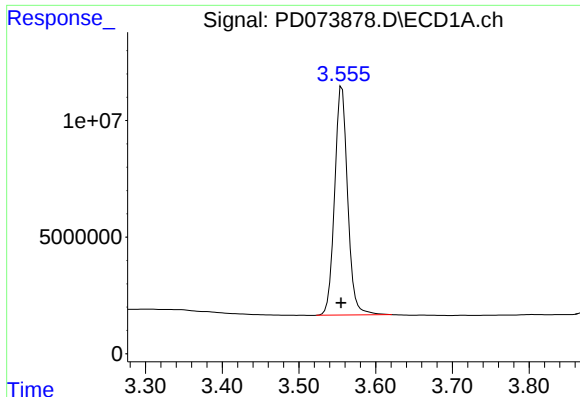
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 21:28:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.556	2.775	115.7E6	59668749	49.477	46.870
28)	SA Decachlor...	9.100	7.931	122.8E6	53082956	43.576	45.625
Target Compounds							
2)	A alpha-BHC	4.012	3.279	209.4E6	92176225	52.717	54.099
3)	MA gamma-BHC...	4.346	3.609	191.5E6	84638062	52.162	56.269
4)	MA Heptachlor	4.939	3.952	193.2E6	77772829	52.017	58.079
5)	MB Aldrin	5.282	4.233	188.1E6	83539064	52.188	51.719
6)	B beta-BHC	4.539	3.905	78270999	35917079	50.454	54.197
7)	B delta-BHC	4.789	4.136	190.5E6	84382744	56.601	55.205
8)	B Heptachlo...	5.708	4.736	165.7E6	74518913	51.926	55.381
9)	A Endosulfan I	6.095	5.107	155.5E6	69108286	50.629	51.399
10)	B gamma-Chl...	5.964	4.987	177.7E6	76629136	53.981	51.777
11)	B alpha-Chl...	6.045	5.051	168.7E6	75598673	51.134	50.827
12)	B 4,4'-DDE	6.216	5.242	152.6E6	70440161	50.515	52.790
13)	MA Dieldrin	6.371	5.372	160.9E6	73654480	50.452	56.190
14)	MA Endrin	6.601	5.648	133.0E6	62090496	49.058	55.836
15)	B Endosulfa...	6.819	5.941	129.4E6	59753378	48.854	51.307
16)	A 4,4'-DDD	6.733	5.796	125.1E6	59115136	50.738	57.372
17)	MA 4,4'-DDT	7.049	6.048	131.1E6	55741183	47.096	54.115
18)	B Endrin al...	6.949	6.121	99761430	46336709	45.988	52.536
19)	B Endosulfa...	7.184	6.344	129.4E6	58856012	48.309	52.286
20)	A Methoxychlor	7.524	6.625	67896332	29140883	43.829	55.676 #
21)	B Endrin ke...	7.671	6.851	145.4E6	69634082	48.098	54.348
22)	Mirex	8.148	7.036	103.6E6	51690737	45.068	49.219
24)	Chlordane-2	5.282f	4.363	188.1E6	878990	1486.960	17.603 #
25)	Chlordane-3	5.964	4.987	177.7E6	76629136	379.601	530.805 #
26)	Chlordane-4	6.045	5.051	168.7E6	75598673	294.687	542.350 #
27)	Chlordane-5	0.000	5.941	0	59753378	N.D.	1189.113 #

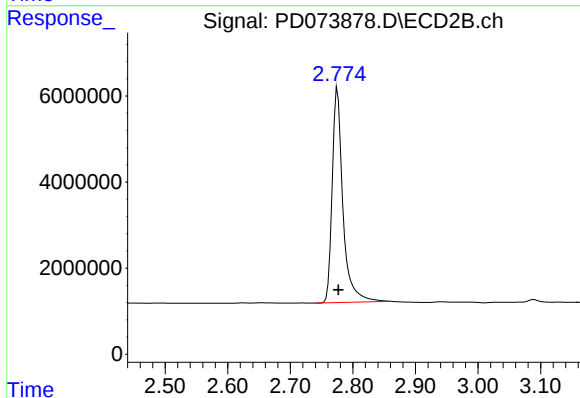
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

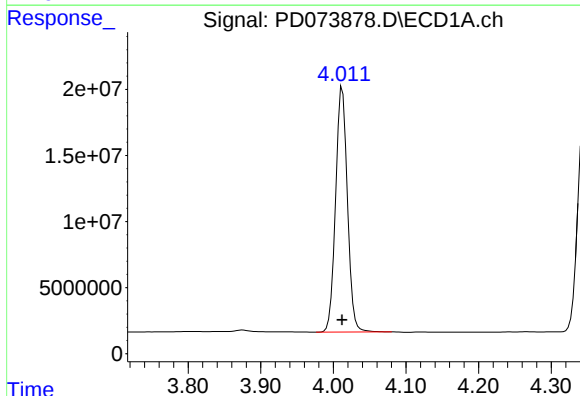
R.T.: 3.556 min
Delta R.T.: 0.001 min
Response: 115653057
Conc: 49.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



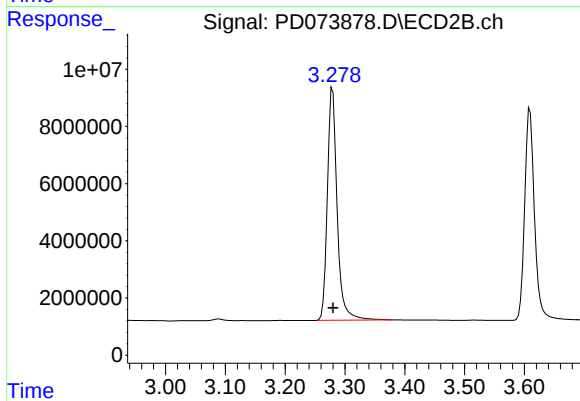
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.001 min
Response: 59668749
Conc: 46.87 ng/ml



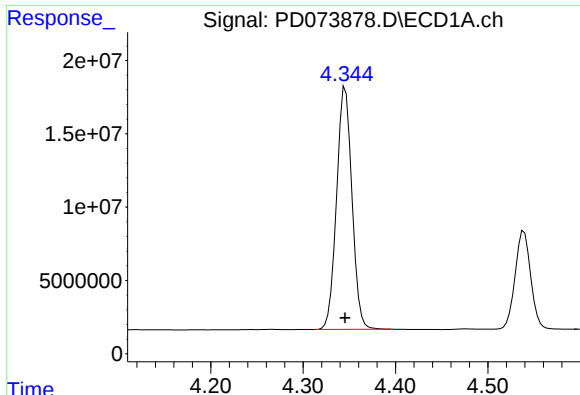
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 209382924
Conc: 52.72 ng/ml



#2 alpha-BHC

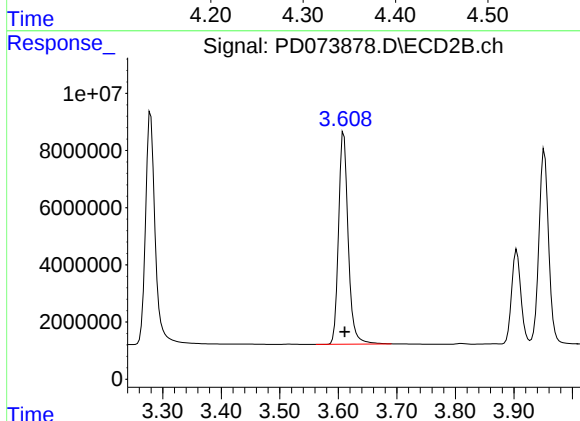
R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 92176225
Conc: 54.10 ng/ml



#3 gamma-BHC (Lindane)

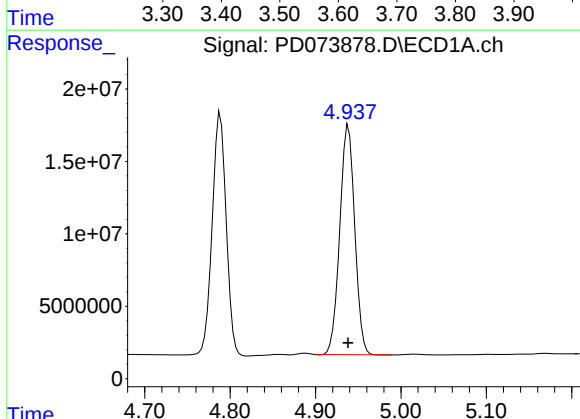
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 191516151
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



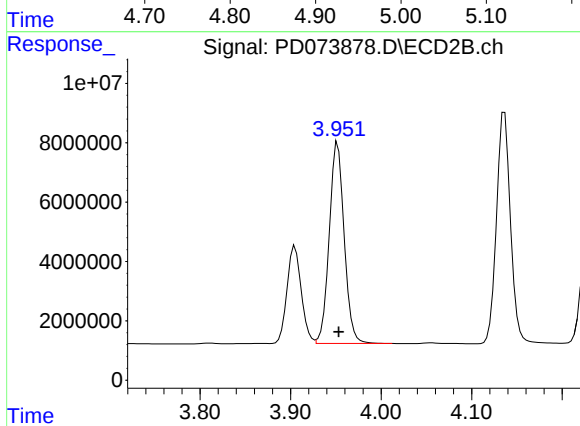
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 84638062
Conc: 56.27 ng/ml



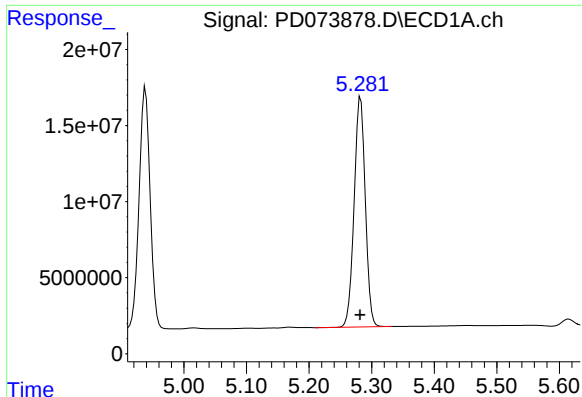
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 193157965
Conc: 52.02 ng/ml



#4 Heptachlor

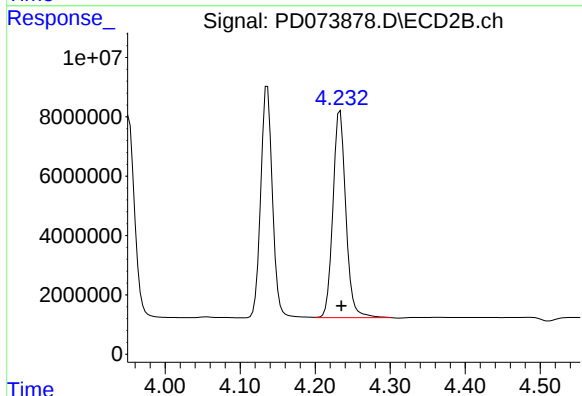
R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 77772829
Conc: 58.08 ng/ml



#5 Aldrin

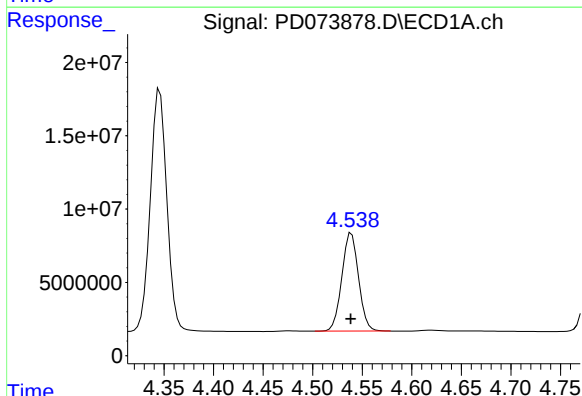
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 188123979
Conc: 52.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



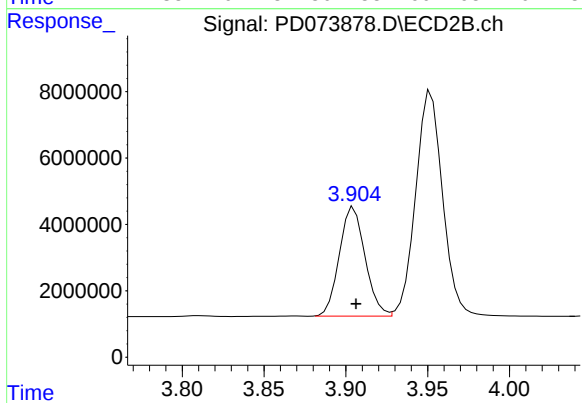
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 83539064
Conc: 51.72 ng/ml



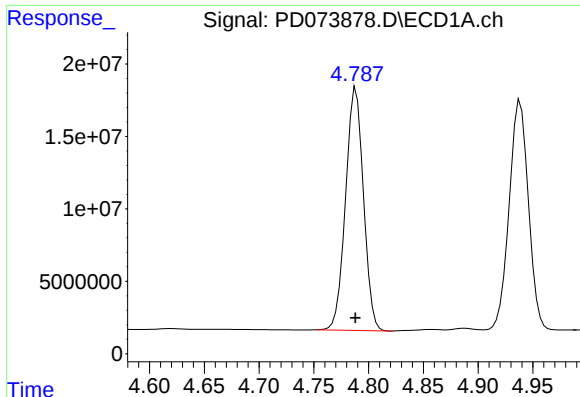
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 78270999
Conc: 50.45 ng/ml



#6 beta-BHC

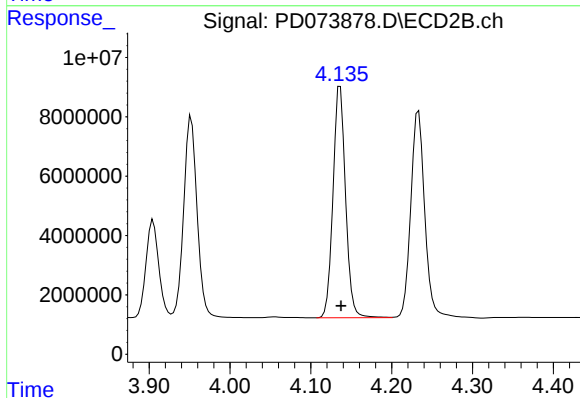
R.T.: 3.905 min
Delta R.T.: -0.001 min
Response: 35917079
Conc: 54.20 ng/ml



#7 delta-BHC

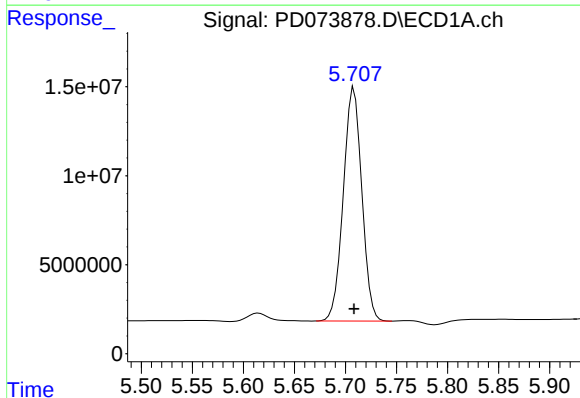
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 190465331
Conc: 56.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



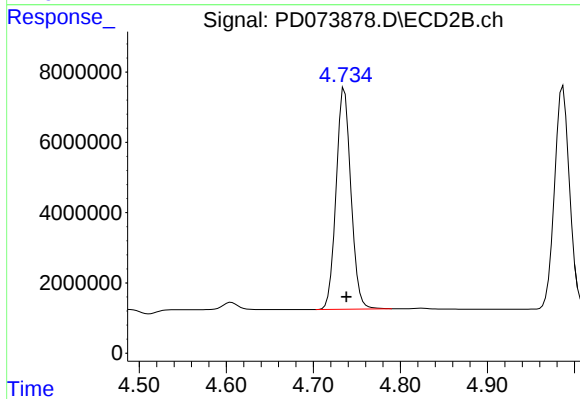
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.001 min
Response: 84382744
Conc: 55.21 ng/ml



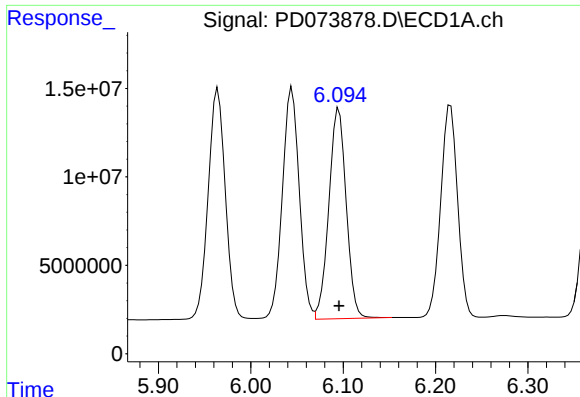
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 165714477
Conc: 51.93 ng/ml



#8 Heptachlor epoxide

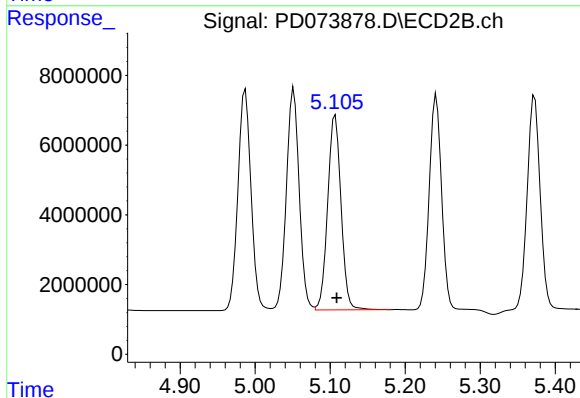
R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 74518913
Conc: 55.38 ng/ml



#9 Endosulfan I

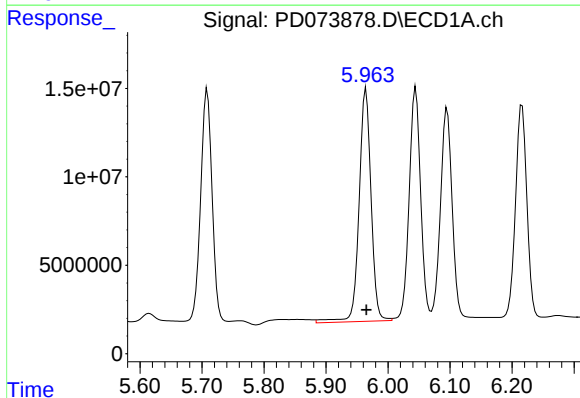
R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 155462735
Conc: 50.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



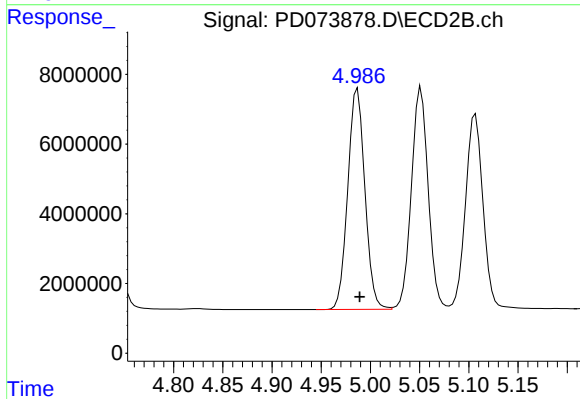
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 69108286
Conc: 51.40 ng/ml



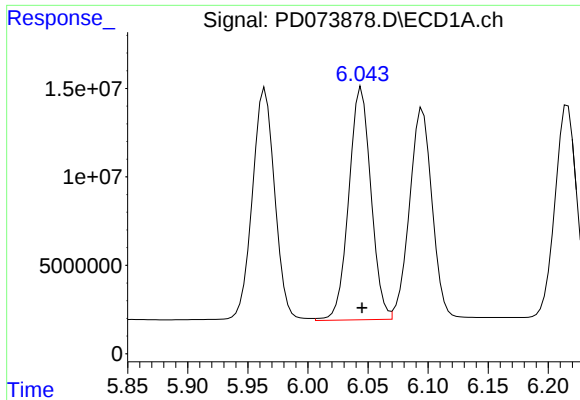
#10 gamma-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 177727317
Conc: 53.98 ng/ml



#10 gamma-Chlordane

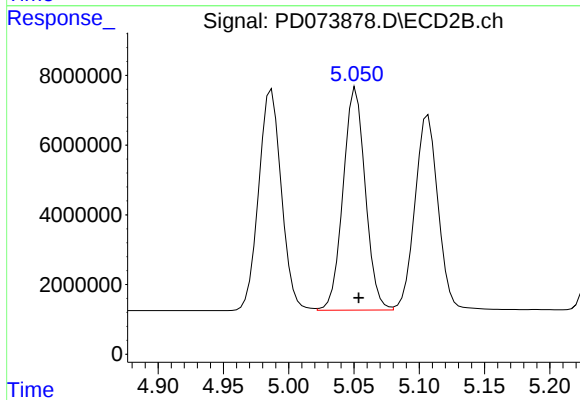
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 76629136
Conc: 51.78 ng/ml



#11 alpha-Chlordane

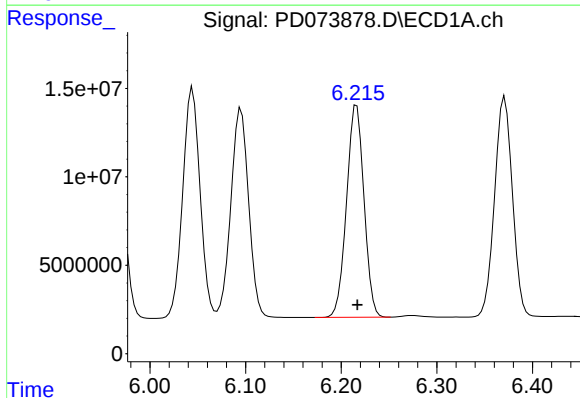
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 168684198
Conc: 51.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



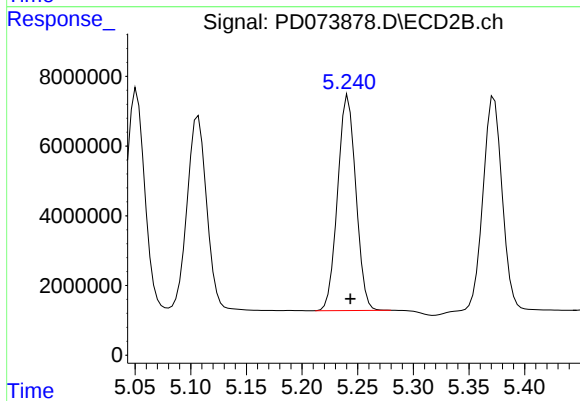
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 75598673
Conc: 50.83 ng/ml



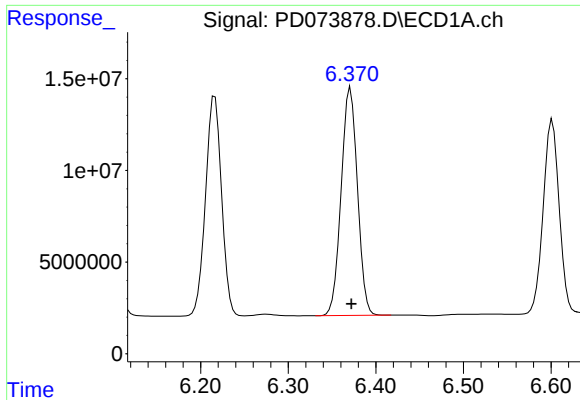
#12 4,4'-DDE

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 152571459
Conc: 50.51 ng/ml



#12 4,4'-DDE

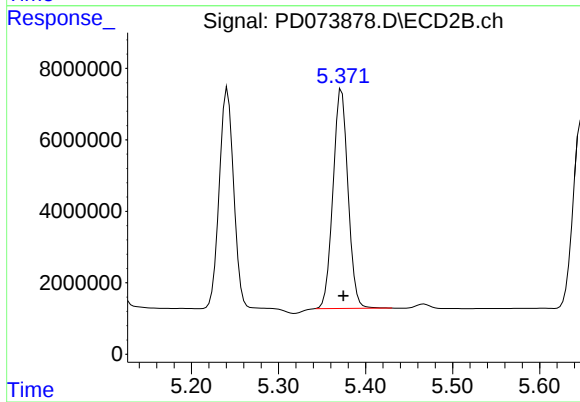
R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 70440161
Conc: 52.79 ng/ml



#13 Dieldrin

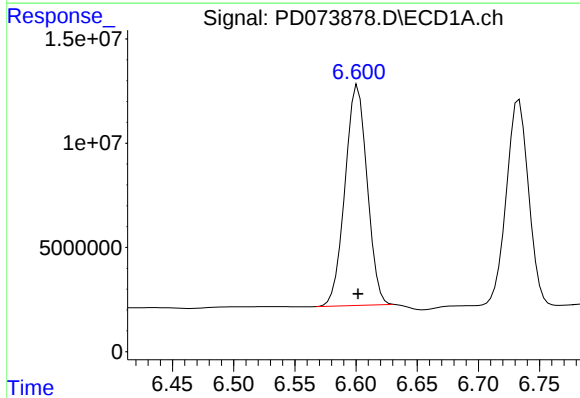
R.T.: 6.371 min
Delta R.T.: -0.001 min
Response: 160864056
Conc: 50.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



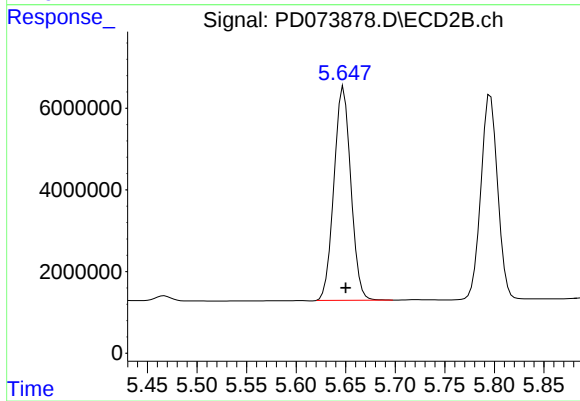
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 73654480
Conc: 56.19 ng/ml



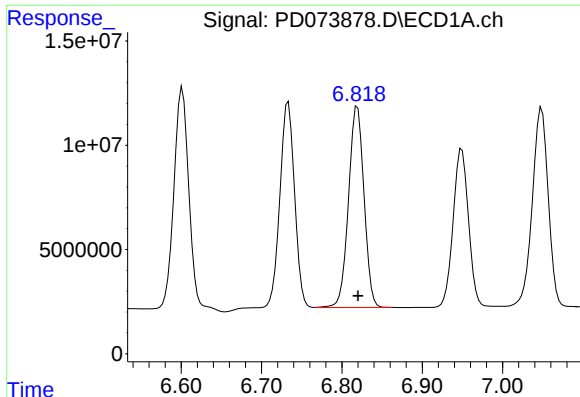
#14 Endrin

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 132996810
Conc: 49.06 ng/ml



#14 Endrin

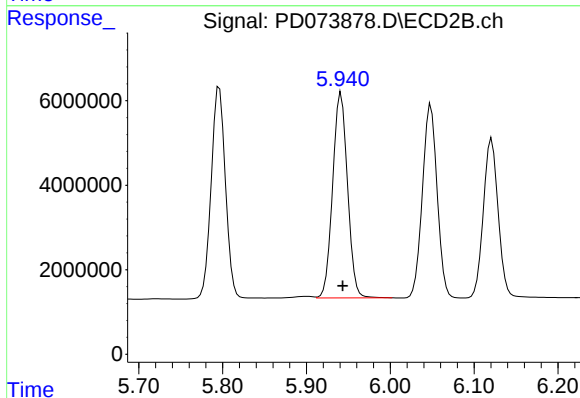
R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 62090496
Conc: 55.84 ng/ml



#15 Endosulfan II

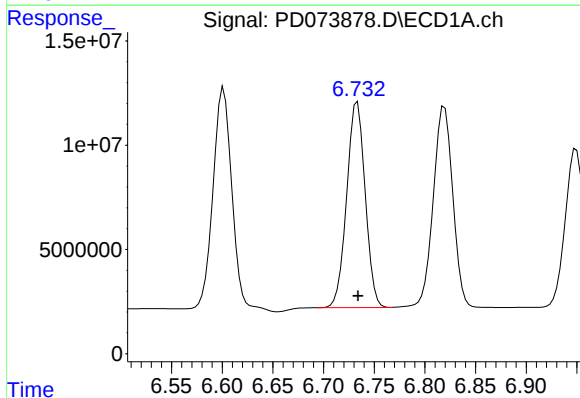
R.T.: 6.819 min
Delta R.T.: 0.000 min
Response: 129371162
Conc: 48.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



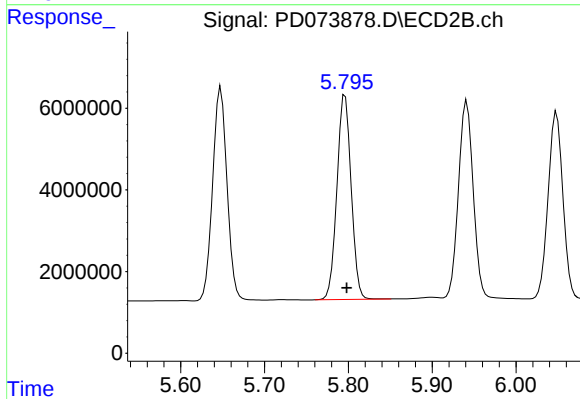
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 59753378
Conc: 51.31 ng/ml



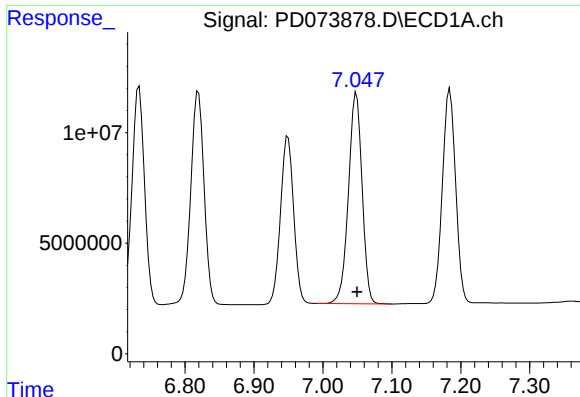
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 125136261
Conc: 50.74 ng/ml



#16 4,4'-DDD

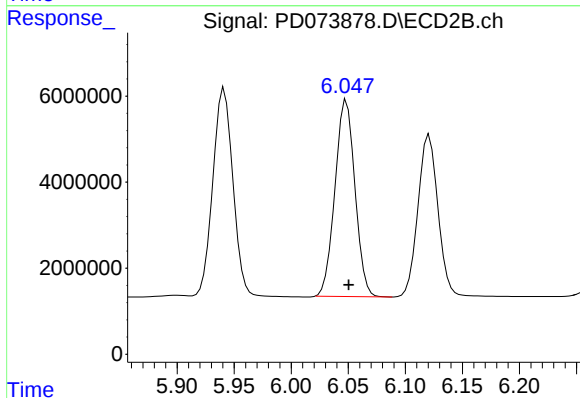
R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 59115136
Conc: 57.37 ng/ml



#17 4,4'-DDT

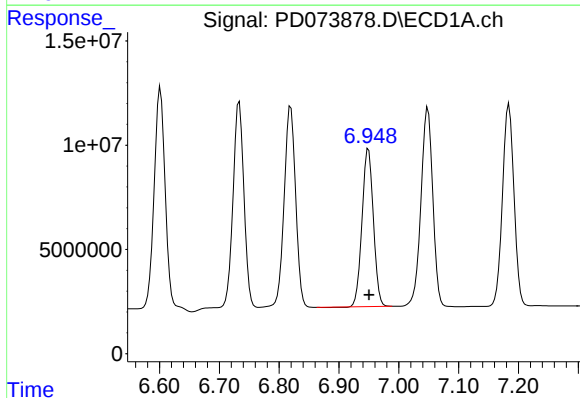
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 131120639
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



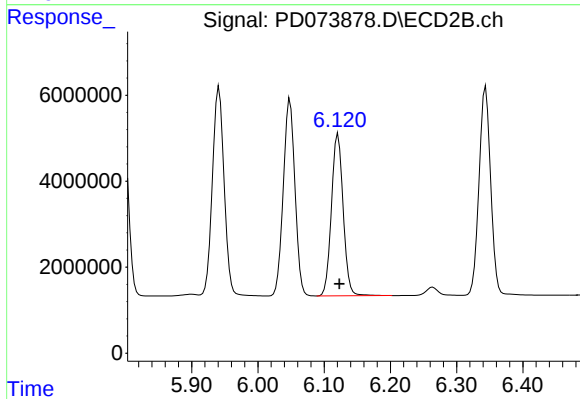
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 55741183
Conc: 54.12 ng/ml



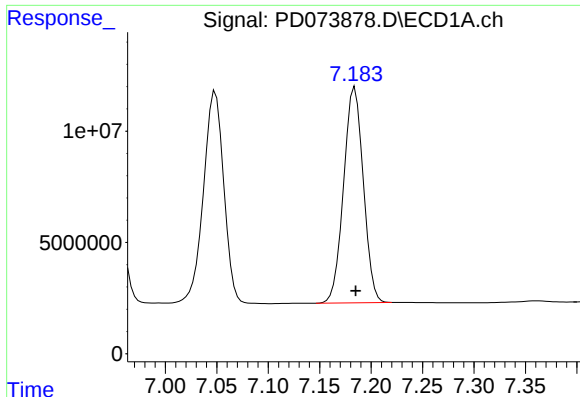
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 99761430
Conc: 45.99 ng/ml



#18 Endrin aldehyde

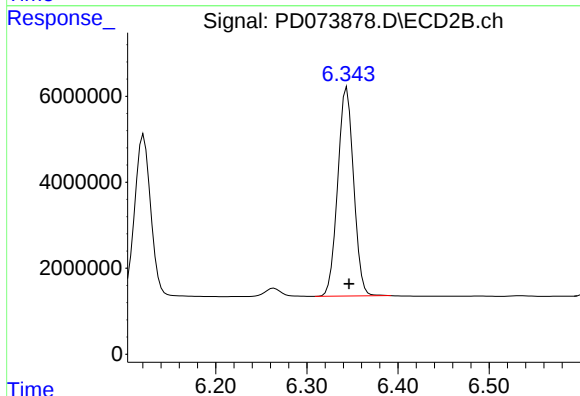
R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 46336709
Conc: 52.54 ng/ml



#19 Endosulfan Sulfate

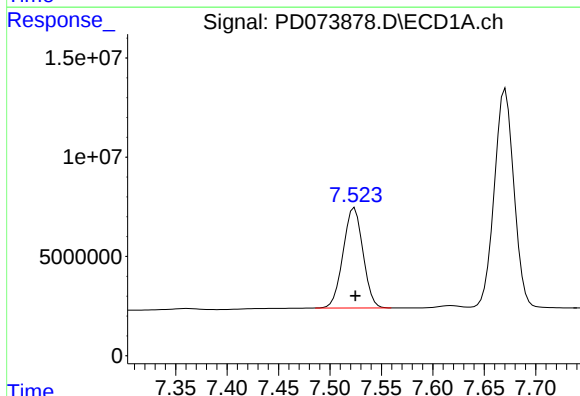
R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 129350714
Conc: 48.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



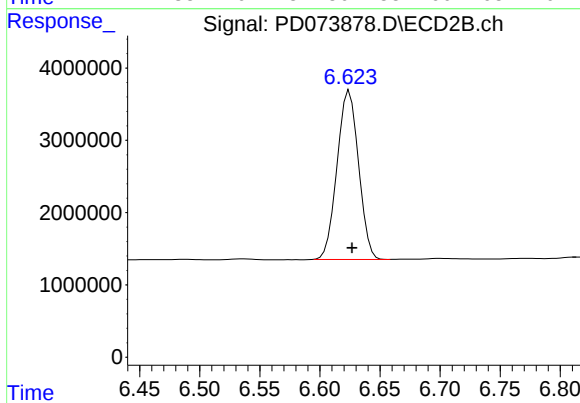
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 58856012
Conc: 52.29 ng/ml



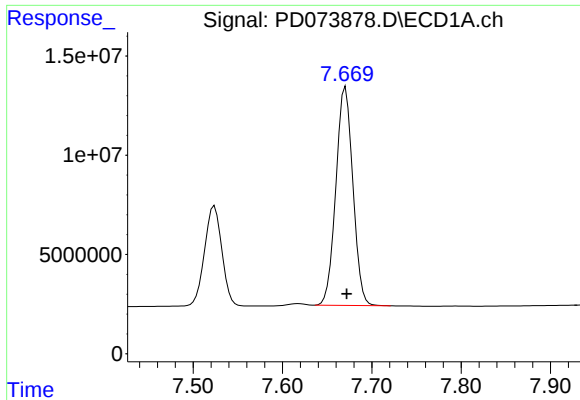
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 67896332
Conc: 43.83 ng/ml



#20 Methoxychlor

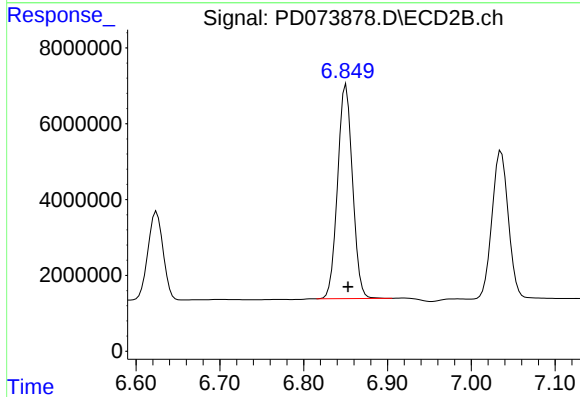
R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 29140883
Conc: 55.68 ng/ml



#21 Endrin ketone

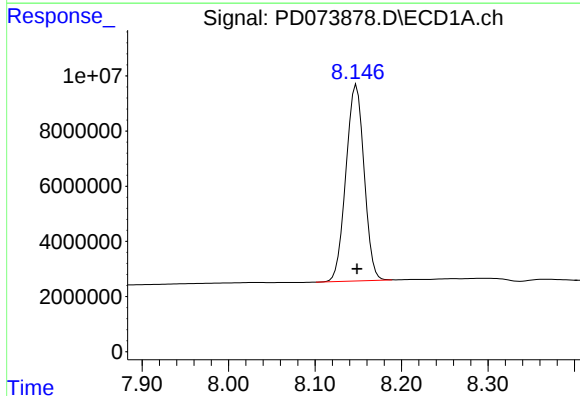
R.T.: 7.671 min
Delta R.T.: -0.001 min
Response: 145445437
Conc: 48.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



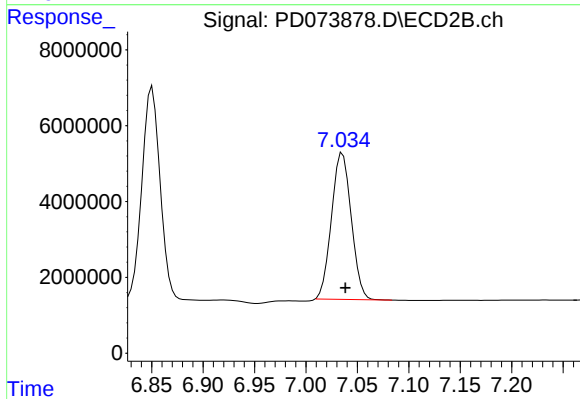
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 69634082
Conc: 54.35 ng/ml



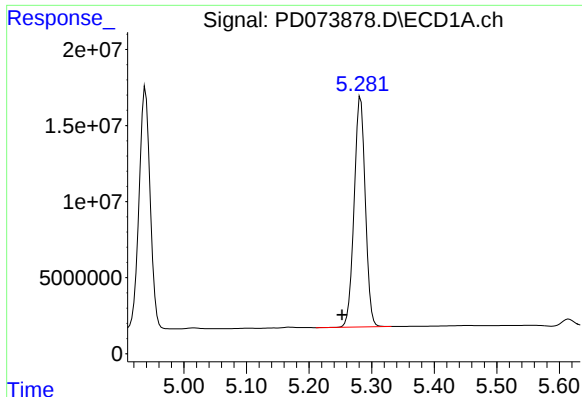
#22 Mirex

R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 103557969
Conc: 45.07 ng/ml



#22 Mirex

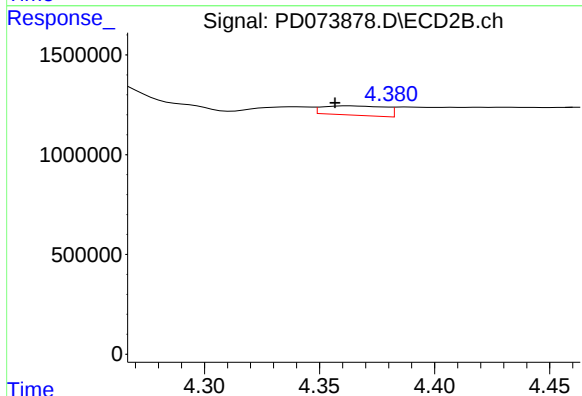
R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 51690737
Conc: 49.22 ng/ml



#24 Chlordane-2

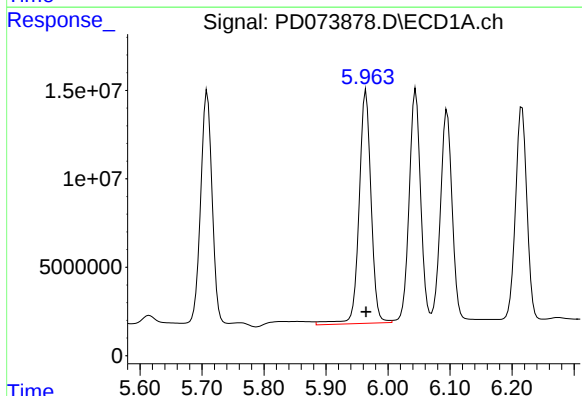
R.T.: 5.282 min
Delta R.T.: 0.030 min
Response: 188123979
Conc: 1486.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



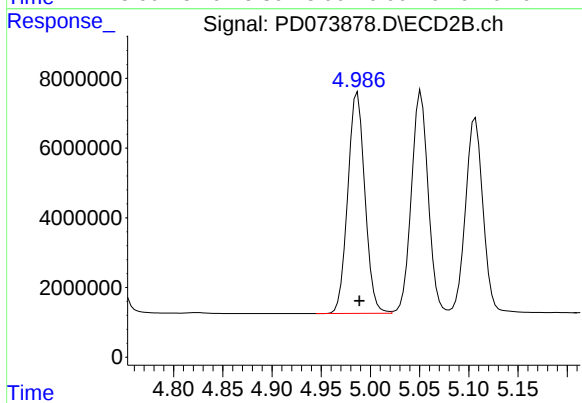
#24 Chlordane-2

R.T.: 4.363 min
Delta R.T.: 0.006 min
Response: 878990
Conc: 17.60 ng/ml



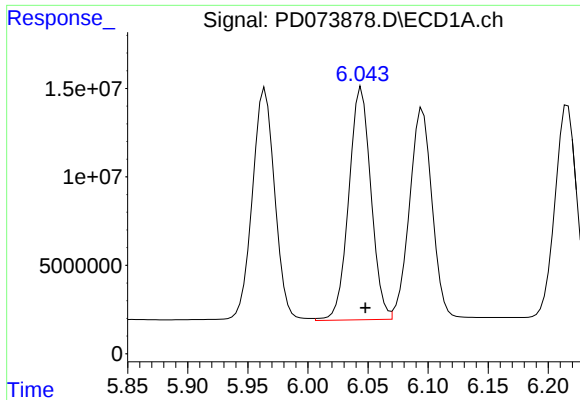
#25 Chlordane-3

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 177727317
Conc: 379.60 ng/ml



#25 Chlordane-3

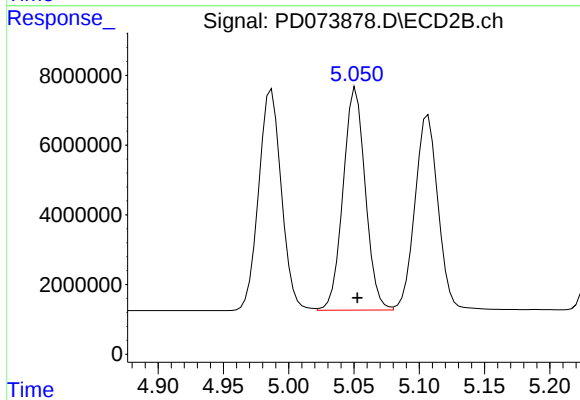
R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 76629136
Conc: 530.80 ng/ml



#26 Chlordane-4

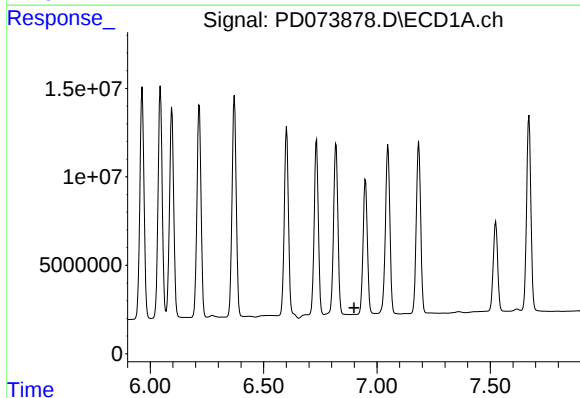
R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 168684198
Conc: 294.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



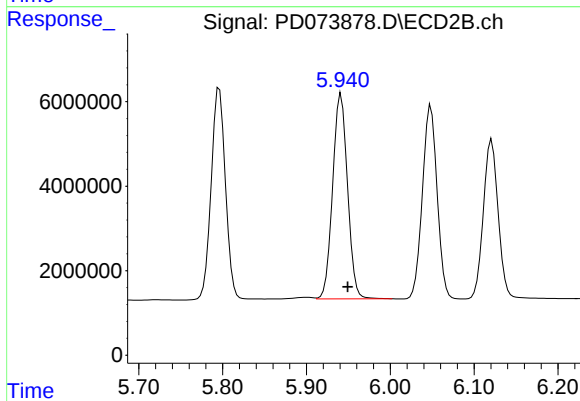
#26 Chlordane-4

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 75598673
Conc: 542.35 ng/ml



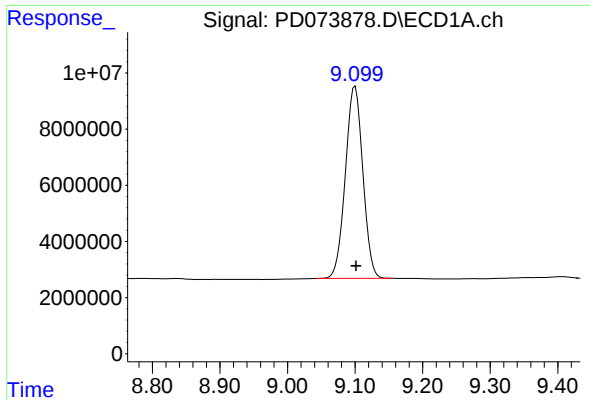
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.900 min
Response: 0
Conc: N.D.



#27 Chlordane-5

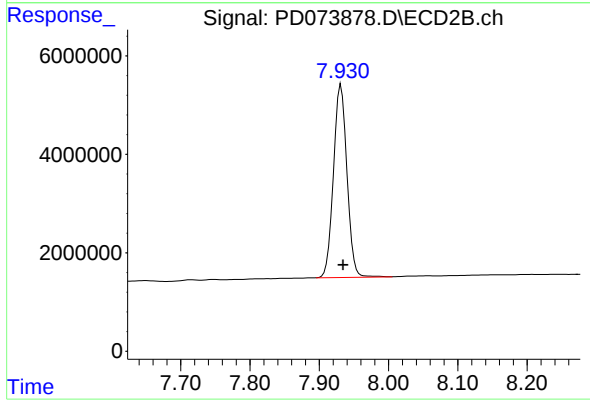
R.T.: 5.941 min
Delta R.T.: -0.008 min
Response: 59753378
Conc: 1189.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: -0.002 min
Response: 122799705
Conc: 43.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 53082956
Conc: 45.62 ng/ml