

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051622\
 Data File : PD069642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2022 10:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:48:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 18 13:40:55 2022
 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...	3.444	4.172	24452563	244.8E6	22.028	22.833
28)	SA Decachlor...	8.201	9.367	25688865	151.2E6	20.573	23.099
Target Compounds							
2)	A alpha-BHC	3.884	4.568	17094631	184.7E6	10.476	11.976
3)	MA gamma-BHC...	4.167	4.859	16905458	167.0E6	9.883	11.825
4)	MA Heptachlor	0.000	5.367f	0	226566	N.D.	0.017 #
5)	MB Aldrin	4.711	0.000	208259	0	0.143	N.D. #
6)	B beta-BHC	4.418	5.022	8295453	77560856	11.932	12.625
7)	B delta-BHC	0.000	5.227f	0	3126174	N.D.	0.233 #
8)	B Heptachlo...	5.128f	6.071	663552	23047525	0.484	1.948 #
9)	A Endosulfan I	0.000	6.469f	0	3381239	N.D.	0.313 #
10)	B gamma-Chl...	5.380	6.319	246186	11583294	0.177	0.995 #
11)	B alpha-Chl...	0.000	6.403	0	9872551	N.D.	0.863 #
12)	B 4,4'-DDE	5.606	6.549	1011073	8271594	0.799	0.766
13)	MA Dieldrin	0.000	6.707	0	3055769	N.D.	0.274 #
14)	MA Endrin	5.996	6.928	62252817	470.2E6	51.488	51.836
15)	B Endosulfa...	6.272	7.132	831396	16748033	0.718	1.936 #
16)	A 4,4'-DDD	6.124	7.040	5523427	62312682	5.068	7.234 #
17)	MA 4,4'-DDT	6.364	7.343	108.7E6	805.0E6	101.061	92.805
18)	B Endrin al...	6.440	7.258	1570624	15507214	1.702	2.243 #
20)	A Methoxychlor	6.914	7.795	141.3E6	921.9E6	222.399	213.851
21)	B Endrin ke...	7.145	7.958	4474629	30669437	3.178	3.392
22)	Mirex	0.000	8.423	0	96614	N.D.	0.015 #
23)	Chlordane-1	4.342f	0.000	321782	0	7.775	N.D. #
24)	Chlordane-2	0.000	5.667	0	159607	N.D.	0.348 #
25)	Chlordane-3	5.380	6.319	246186	11583294	1.809	7.115 #
26)	Chlordane-4	0.000	6.403	0	9872551	N.D.	5.207 #
27)	Chlordane-5	6.272	0.000	831396	0	18.384	N.D. #

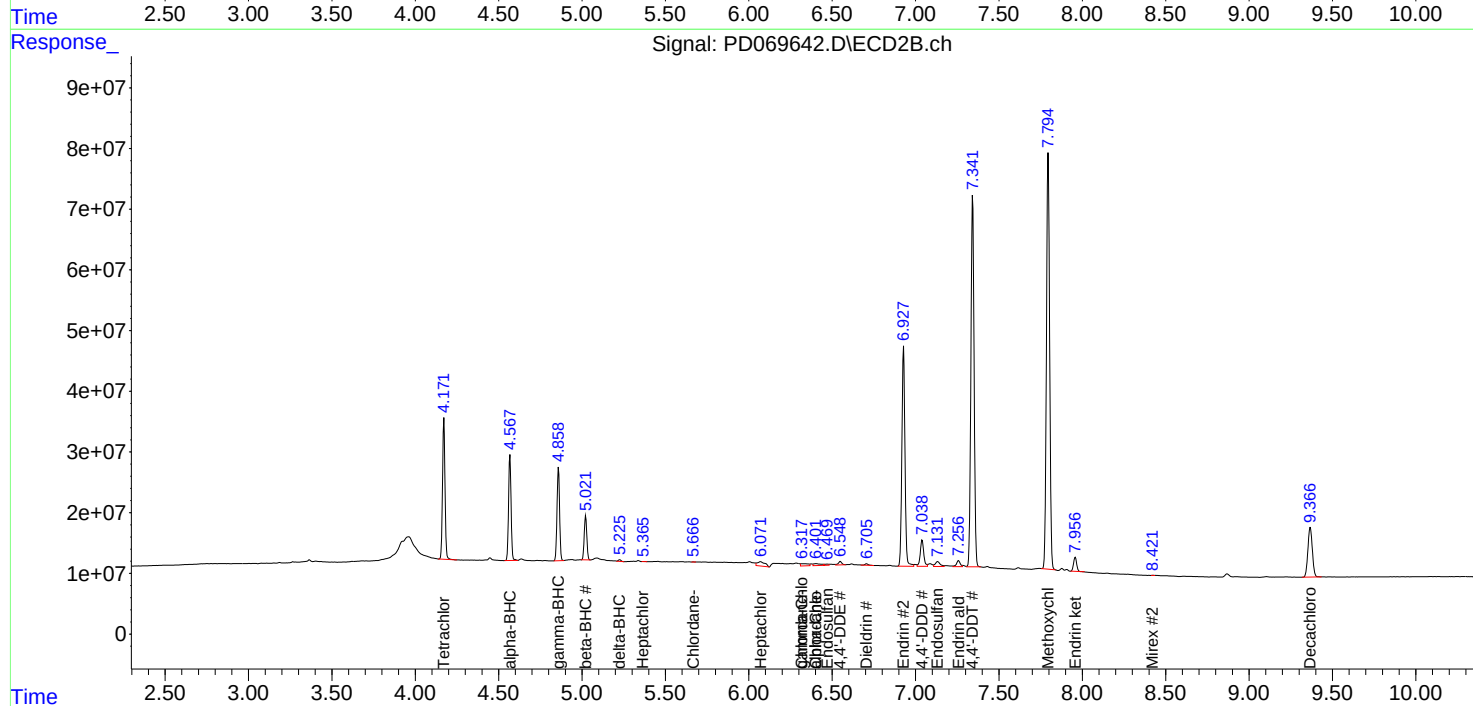
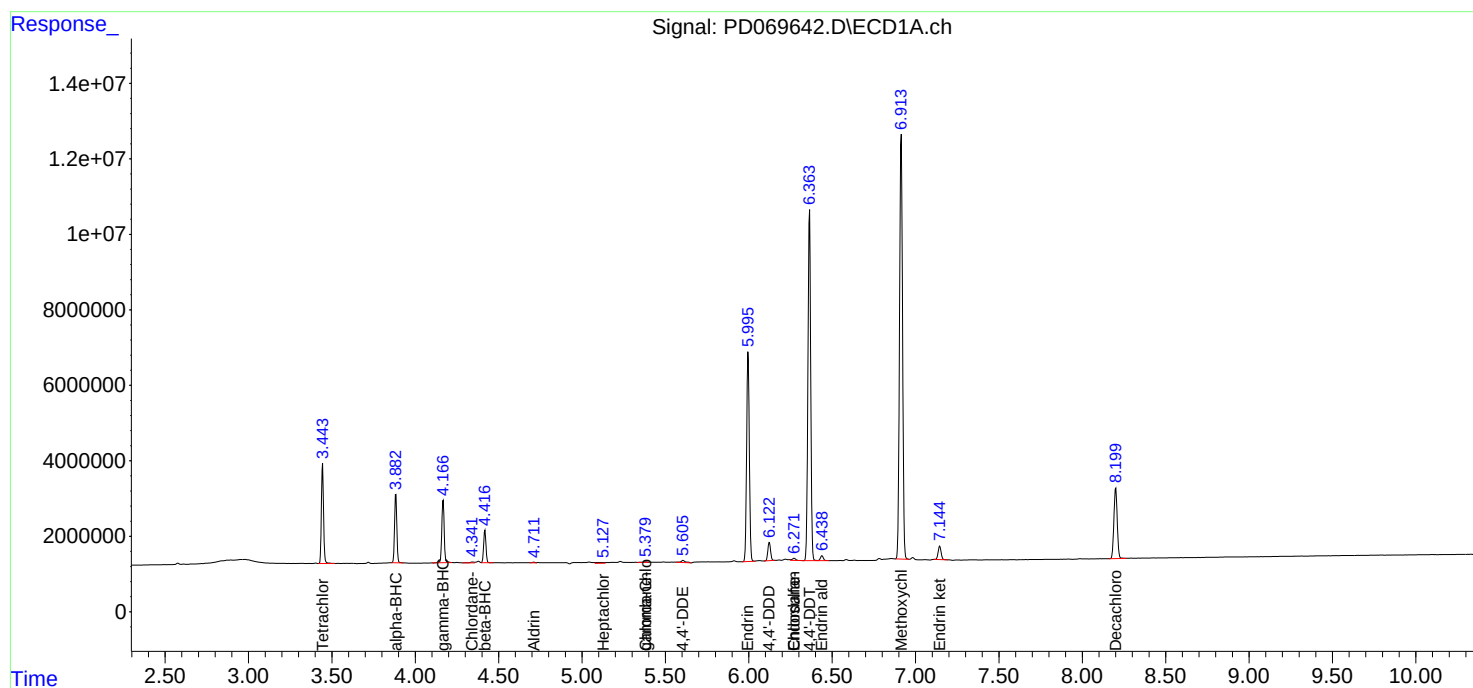
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

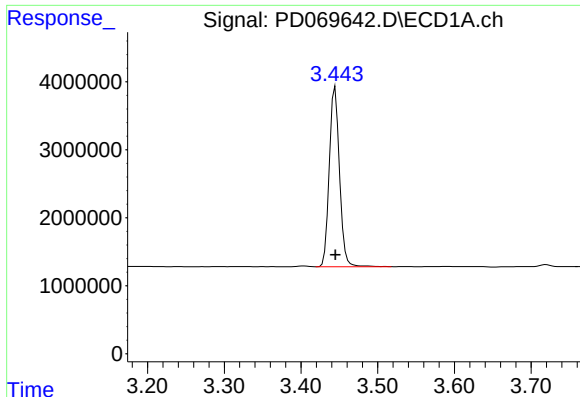
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051622\
Data File : PD069642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2022 10:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 00:48:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Mon Apr 18 13:40:55 2022
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

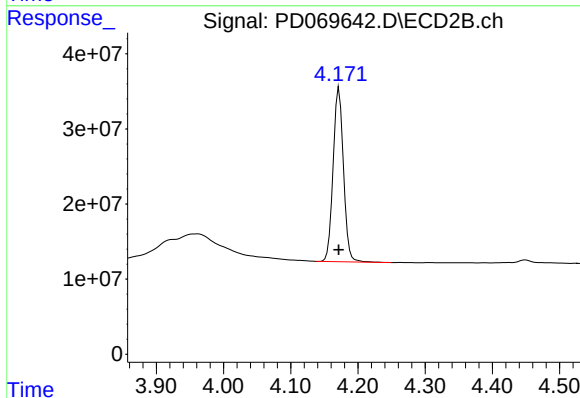




#1 Tetrachloro-m-xylene

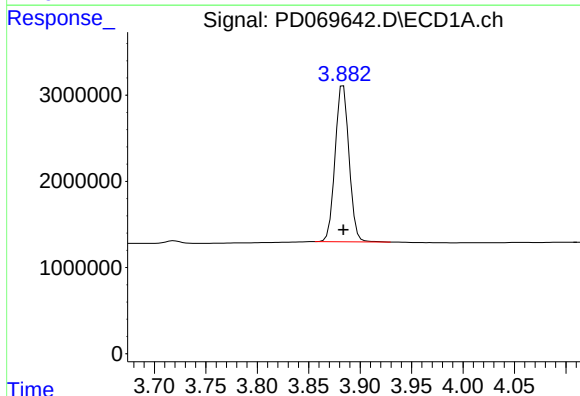
R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 24452563
Conc: 22.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



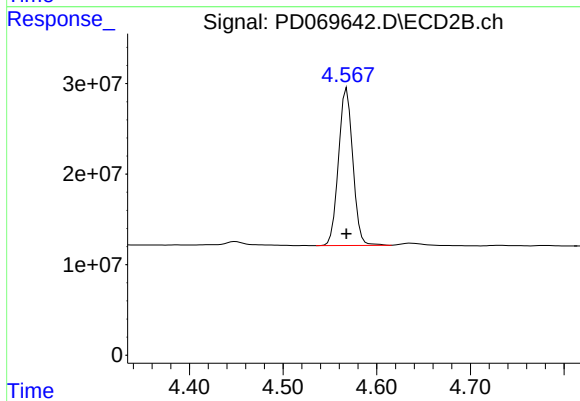
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 244802099
Conc: 22.83 ng/ml



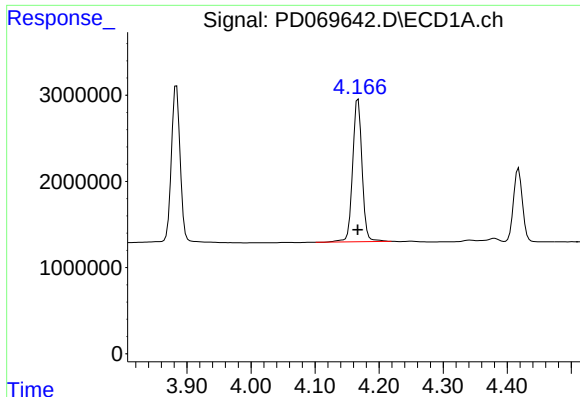
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 17094631
Conc: 10.48 ng/ml



#2 alpha-BHC

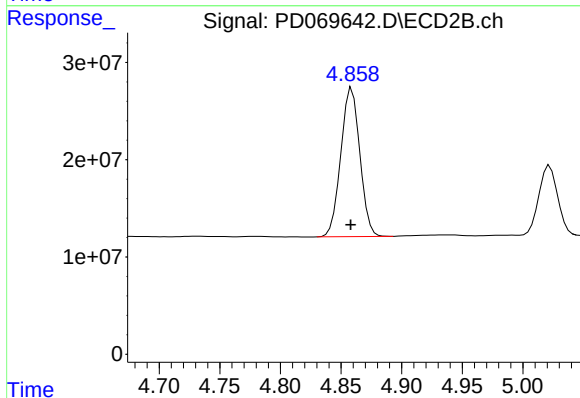
R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 184677416
Conc: 11.98 ng/ml



#3 gamma-BHC (Lindane)

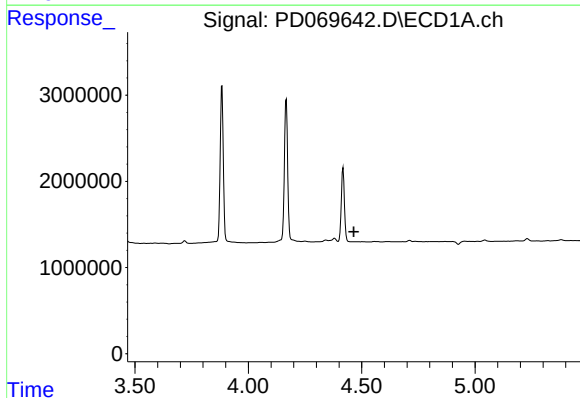
R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 16905458
Conc: 9.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



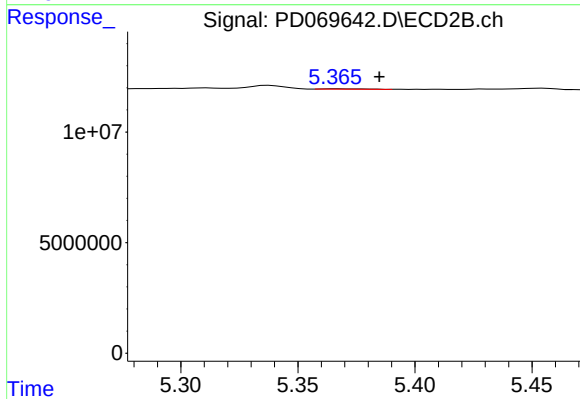
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 166968599
Conc: 11.82 ng/ml



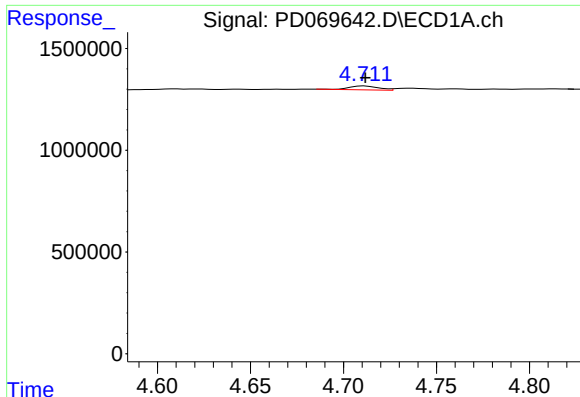
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



#4 Heptachlor

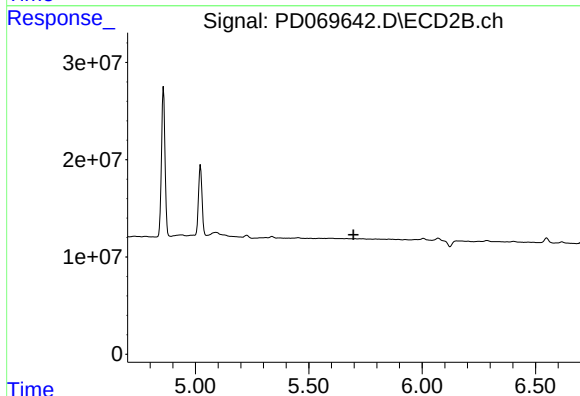
R.T.: 5.367 min
Delta R.T.: -0.018 min
Response: 226566
Conc: 0.02 ng/ml



#5 Aldrin

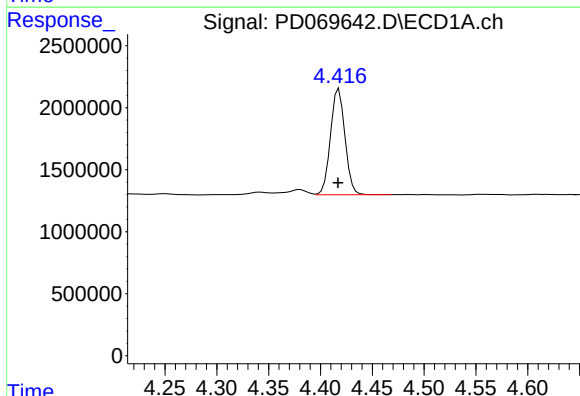
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 208259
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



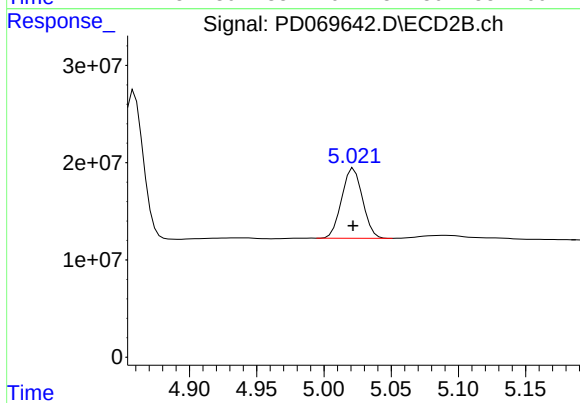
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.697 min
Response: 0
Conc: N.D.



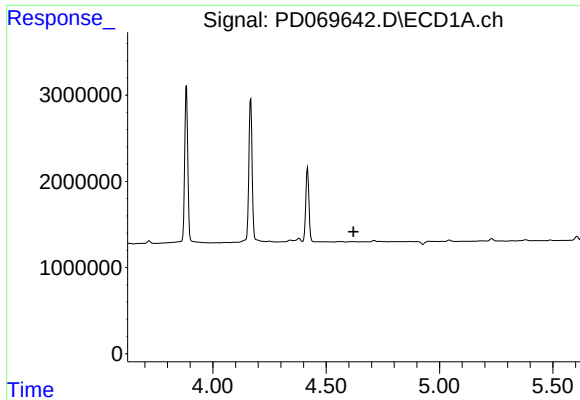
#6 beta-BHC

R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 8295453
Conc: 11.93 ng/ml



#6 beta-BHC

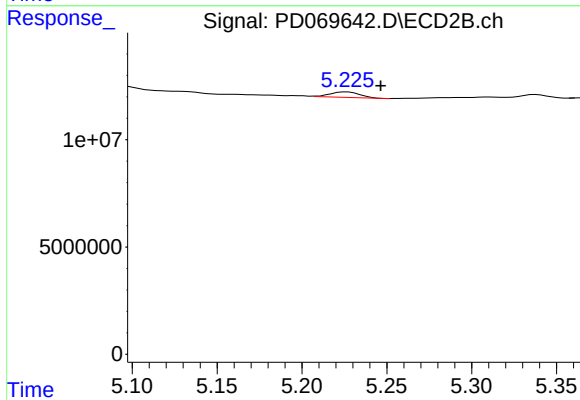
R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 77560856
Conc: 12.62 ng/ml



#7 delta-BHC

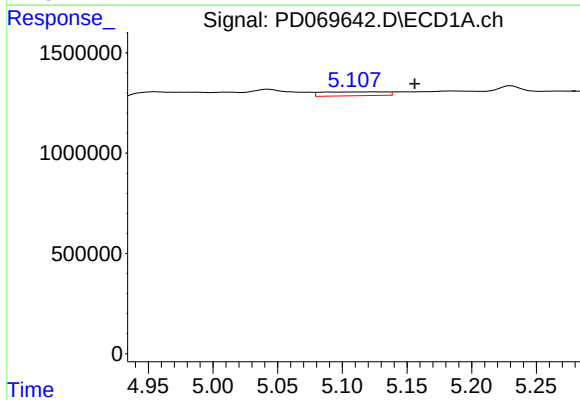
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



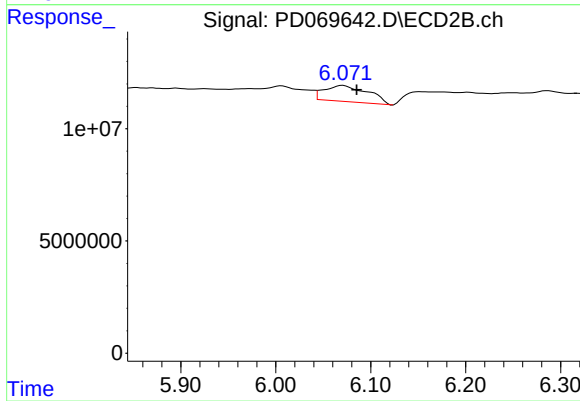
#7 delta-BHC

R.T.: 5.227 min
Delta R.T.: -0.020 min
Response: 3126174
Conc: 0.23 ng/ml



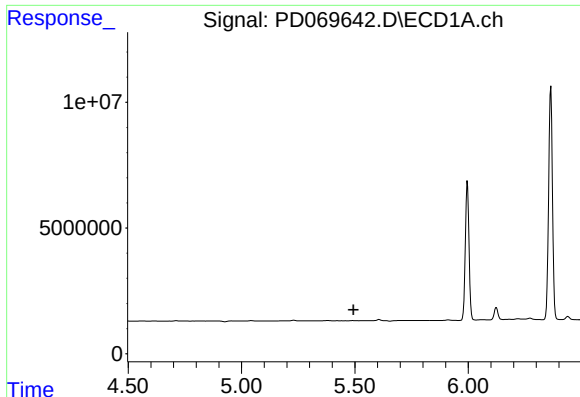
#8 Heptachlor epoxide

R.T.: 5.128 min
Delta R.T.: -0.028 min
Response: 663552
Conc: 0.48 ng/ml



#8 Heptachlor epoxide

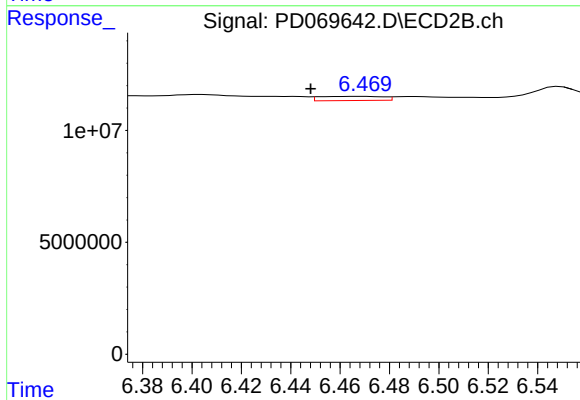
R.T.: 6.071 min
Delta R.T.: -0.015 min
Response: 23047525
Conc: 1.95 ng/ml



#9 Endosulfan I

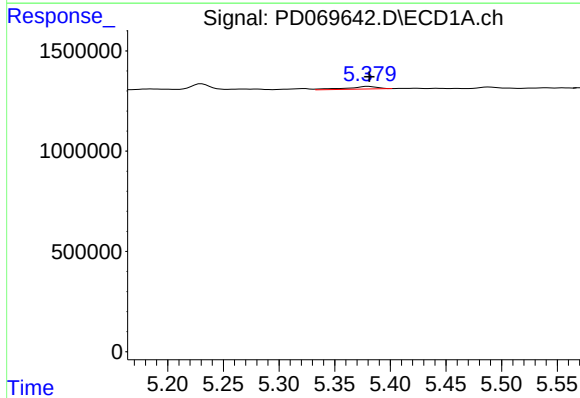
R.T.: 0.000 min
Exp R.T.: 5.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



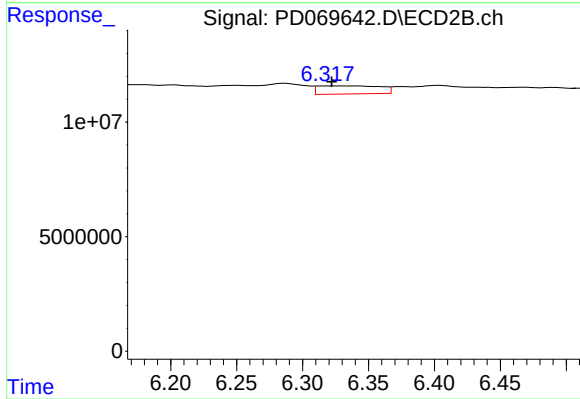
#9 Endosulfan I

R.T.: 6.469 min
Delta R.T.: 0.021 min
Response: 3381239
Conc: 0.31 ng/ml



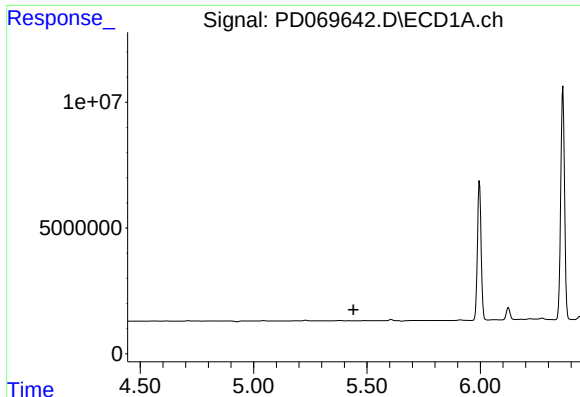
#10 gamma-Chlordane

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 246186
Conc: 0.18 ng/ml



#10 gamma-Chlordane

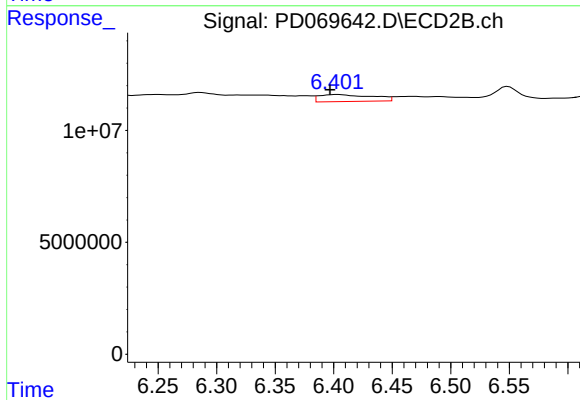
R.T.: 6.319 min
Delta R.T.: -0.003 min
Response: 11583294
Conc: 0.99 ng/ml



#11 alpha-Chlordane

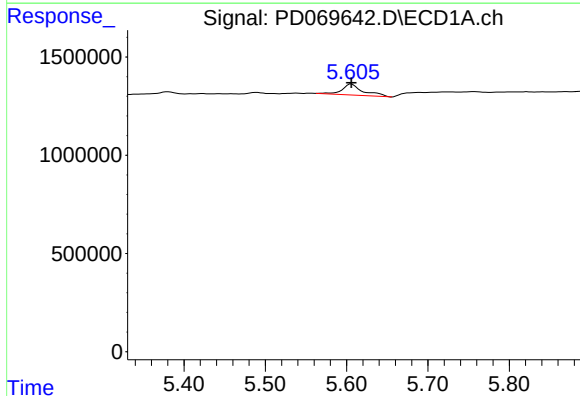
R.T.: 0.000 min
Exp R.T.: 5.441 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



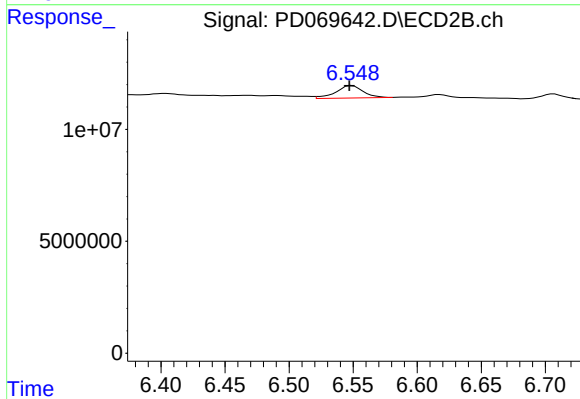
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.006 min
Response: 9872551
Conc: 0.86 ng/ml



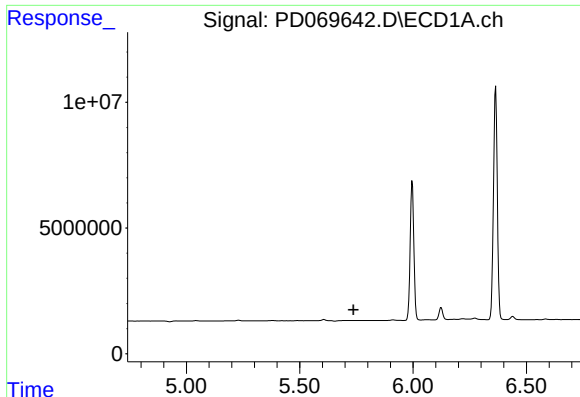
#12 4,4'-DDE

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 1011073
Conc: 0.80 ng/ml



#12 4,4'-DDE

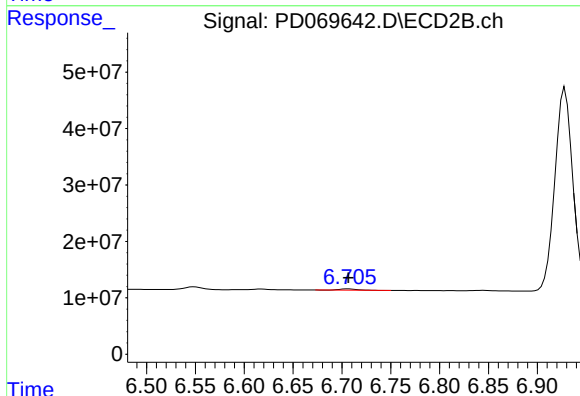
R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 8271594
Conc: 0.77 ng/ml



#13 Dieldrin

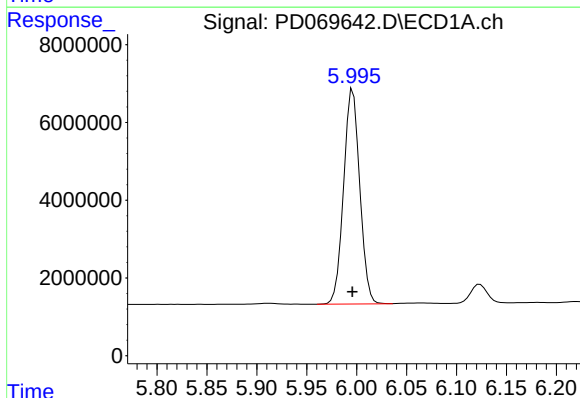
R.T.: 0.000 min
Exp R.T.: 5.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



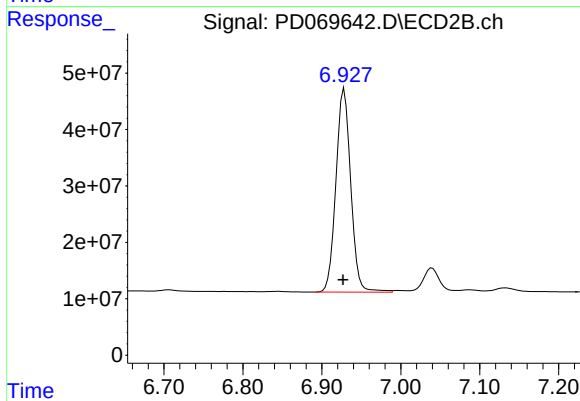
#13 Dieldrin

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 3055769
Conc: 0.27 ng/ml



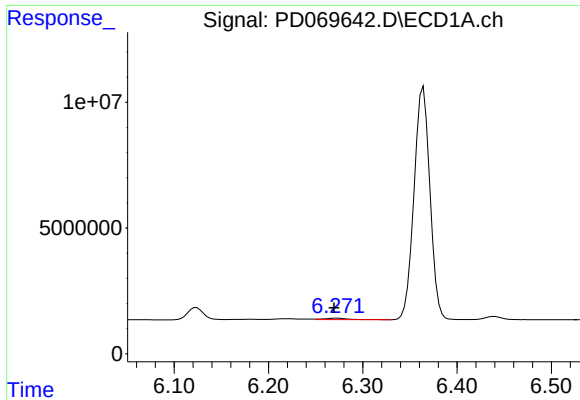
#14 Endrin

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 62252817
Conc: 51.49 ng/ml



#14 Endrin

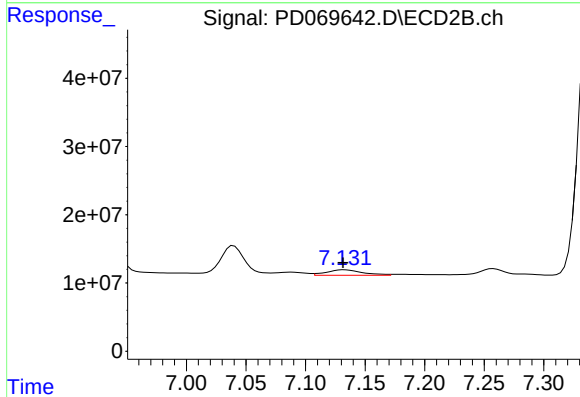
R.T.: 6.928 min
Delta R.T.: 0.002 min
Response: 470164826
Conc: 51.84 ng/ml



#15 Endosulfan II

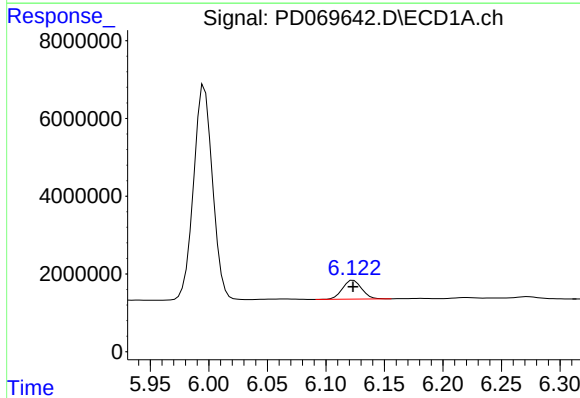
R.T.: 6.272 min
Delta R.T.: 0.003 min
Response: 831396
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



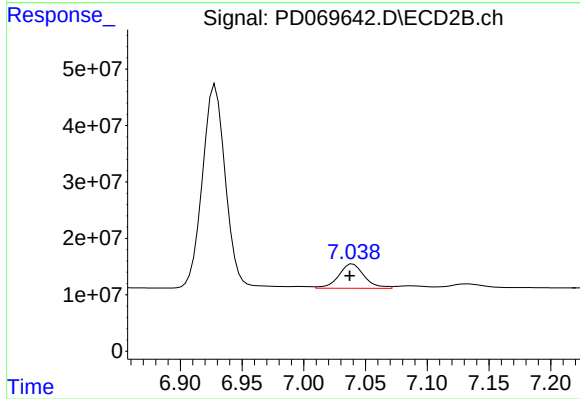
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 16748033
Conc: 1.94 ng/ml



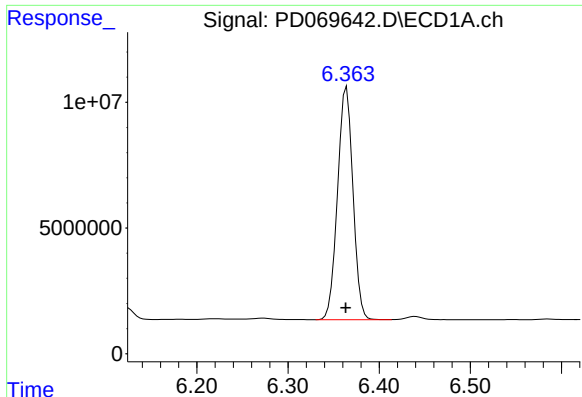
#16 4,4'-DDD

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 5523427
Conc: 5.07 ng/ml



#16 4,4'-DDD

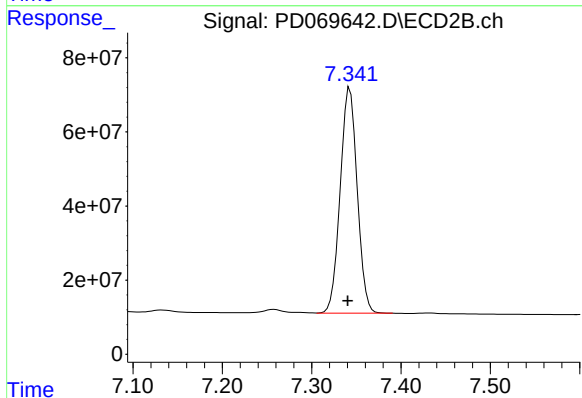
R.T.: 7.040 min
Delta R.T.: 0.002 min
Response: 62312682
Conc: 7.23 ng/ml



#17 4,4'-DDT

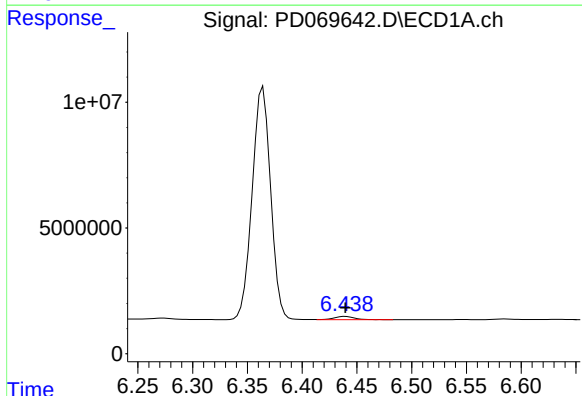
R.T.: 6.364 min
Delta R.T.: 0.001 min
Response: 108657142
Conc: 101.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



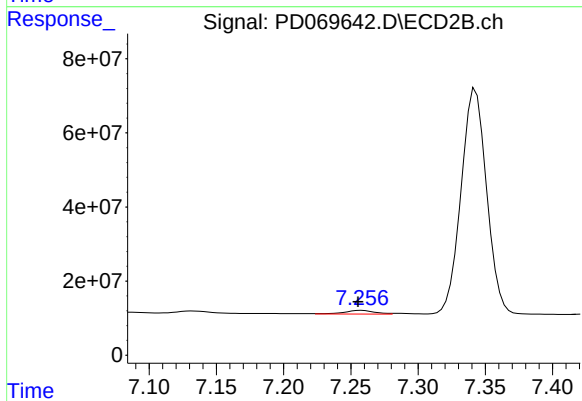
#17 4,4'-DDT

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 804968972
Conc: 92.80 ng/ml



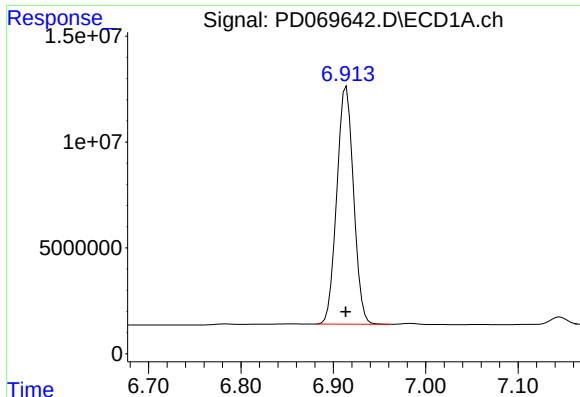
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 1570624
Conc: 1.70 ng/ml



#18 Endrin aldehyde

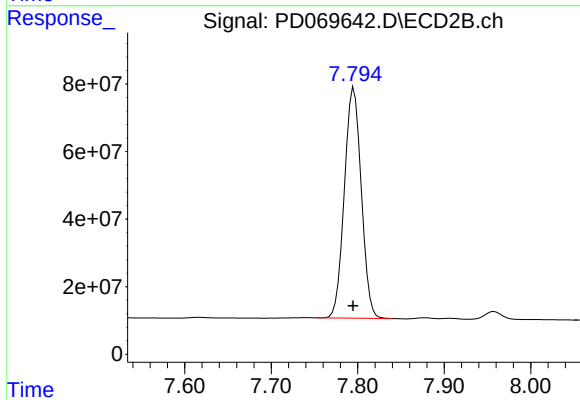
R.T.: 7.258 min
Delta R.T.: 0.002 min
Response: 15507214
Conc: 2.24 ng/ml



#20 Methoxychlor

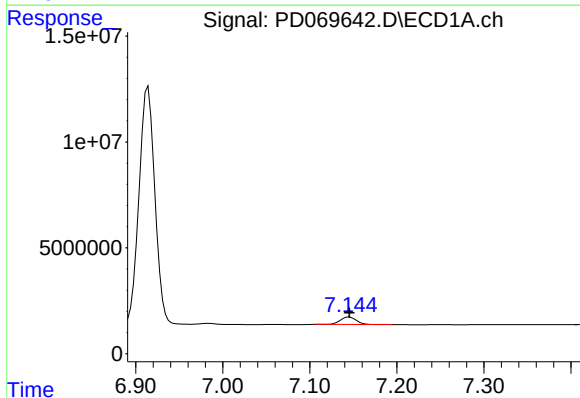
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 141278831
Conc: 222.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



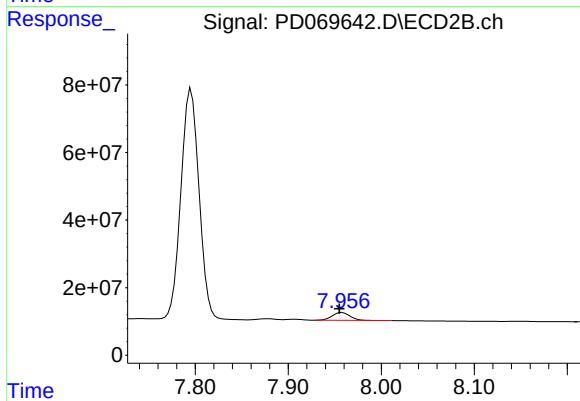
#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: 0.000 min
Response: 921929346
Conc: 213.85 ng/ml



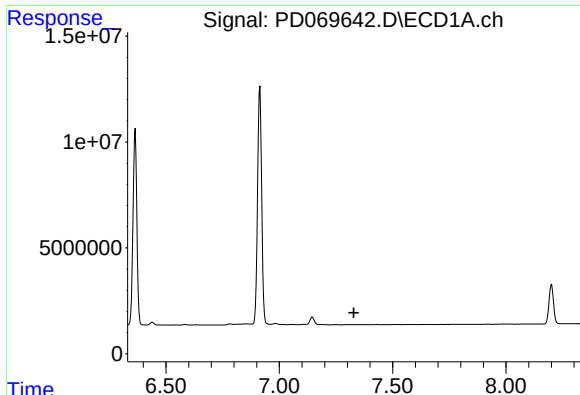
#21 Endrin ketone

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 4474629
Conc: 3.18 ng/ml



#21 Endrin ketone

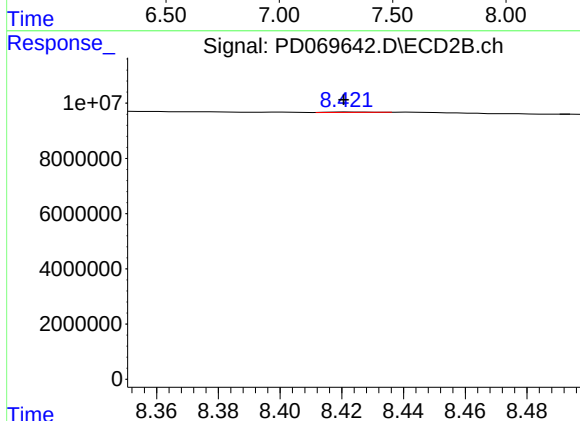
R.T.: 7.958 min
Delta R.T.: 0.003 min
Response: 30669437
Conc: 3.39 ng/ml



#22 Mirex

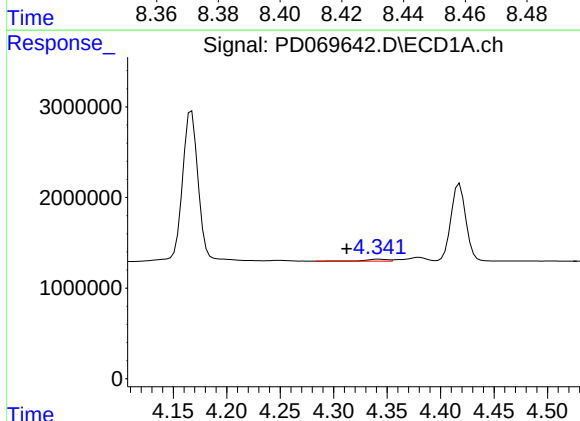
R.T.: 0.000 min
Exp R.T.: 7.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



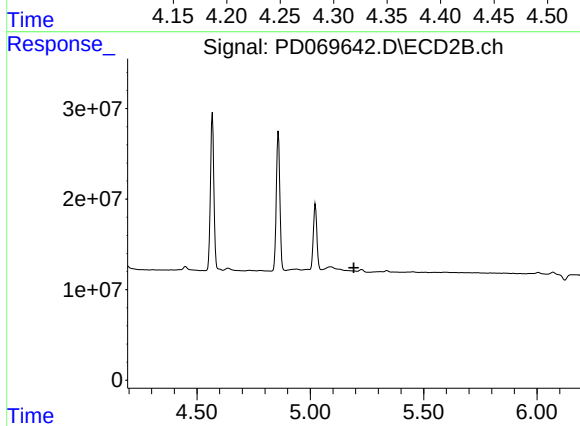
#22 Mirex

R.T.: 8.423 min
Delta R.T.: 0.002 min
Response: 96614
Conc: 0.01 ng/ml



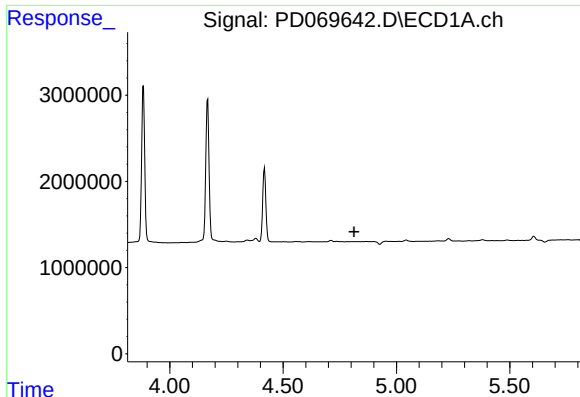
#23 Chlordane-1

R.T.: 4.342 min
Delta R.T.: 0.030 min
Response: 321782
Conc: 7.77 ng/ml



#23 Chlordane-1

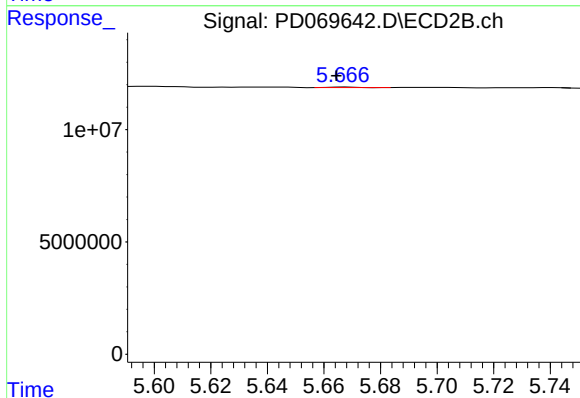
R.T.: 0.000 min
Exp R.T.: 5.191 min
Response: 0
Conc: N.D.



#24 Chlordane-2

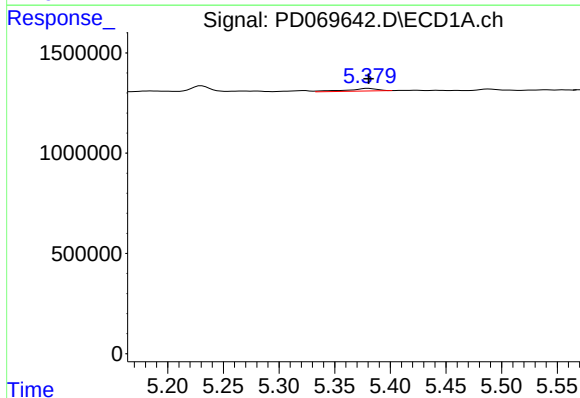
R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



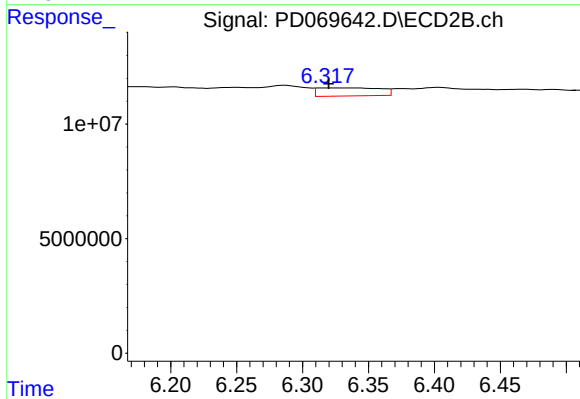
#24 Chlordane-2

R.T.: 5.667 min
Delta R.T.: 0.003 min
Response: 159607
Conc: 0.35 ng/ml



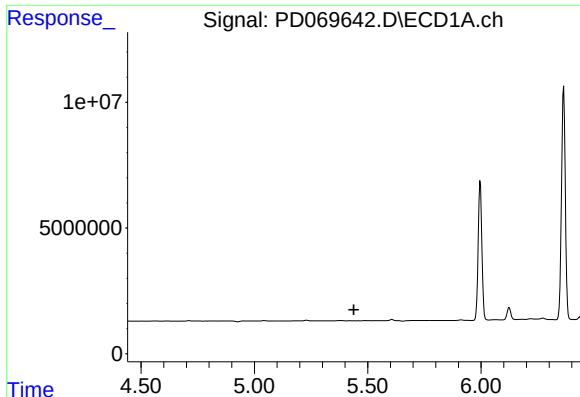
#25 Chlordane-3

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 246186
Conc: 1.81 ng/ml



#25 Chlordane-3

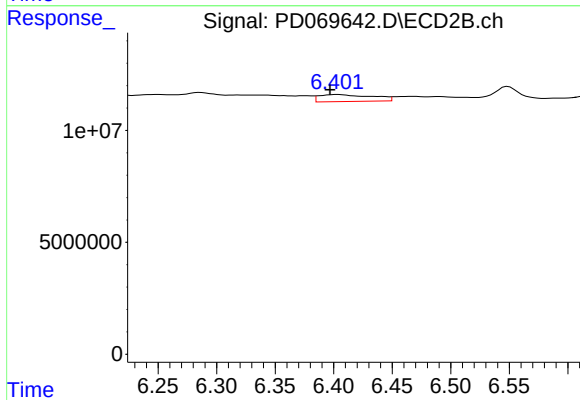
R.T.: 6.319 min
Delta R.T.: -0.001 min
Response: 11583294
Conc: 7.12 ng/ml



#26 Chlordane-4

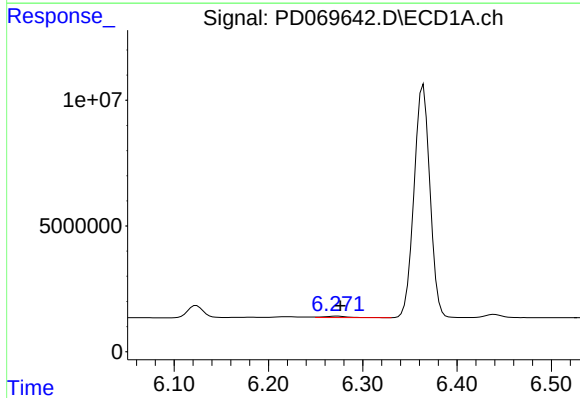
R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



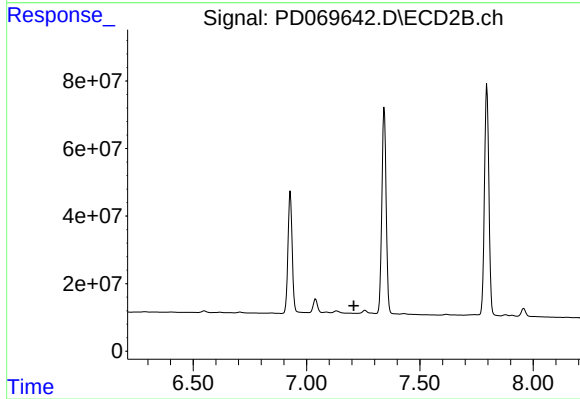
#26 Chlordane-4

R.T.: 6.403 min
Delta R.T.: 0.006 min
Response: 9872551
Conc: 5.21 ng/ml



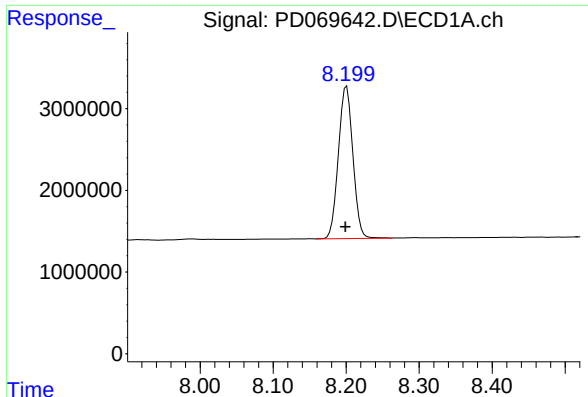
#27 Chlordane-5

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 831396
Conc: 18.38 ng/ml



#27 Chlordane-5

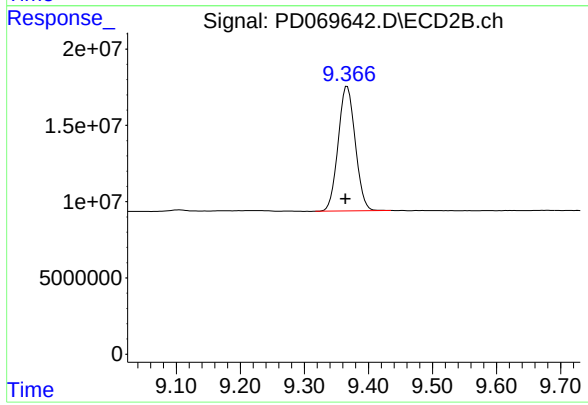
R.T.: 0.000 min
Exp R.T.: 7.208 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.201 min
Delta R.T.: 0.001 min
Response: 25688865
Conc: 20.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.367 min
Delta R.T.: 0.003 min
Response: 151159619
Conc: 23.10 ng/ml