

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042921\
 Data File : PD062518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2021 09:16
 Operator : AR\AJ
 Sample : PEM50
 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: Apr 29 13:17:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 29 13:14:34 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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

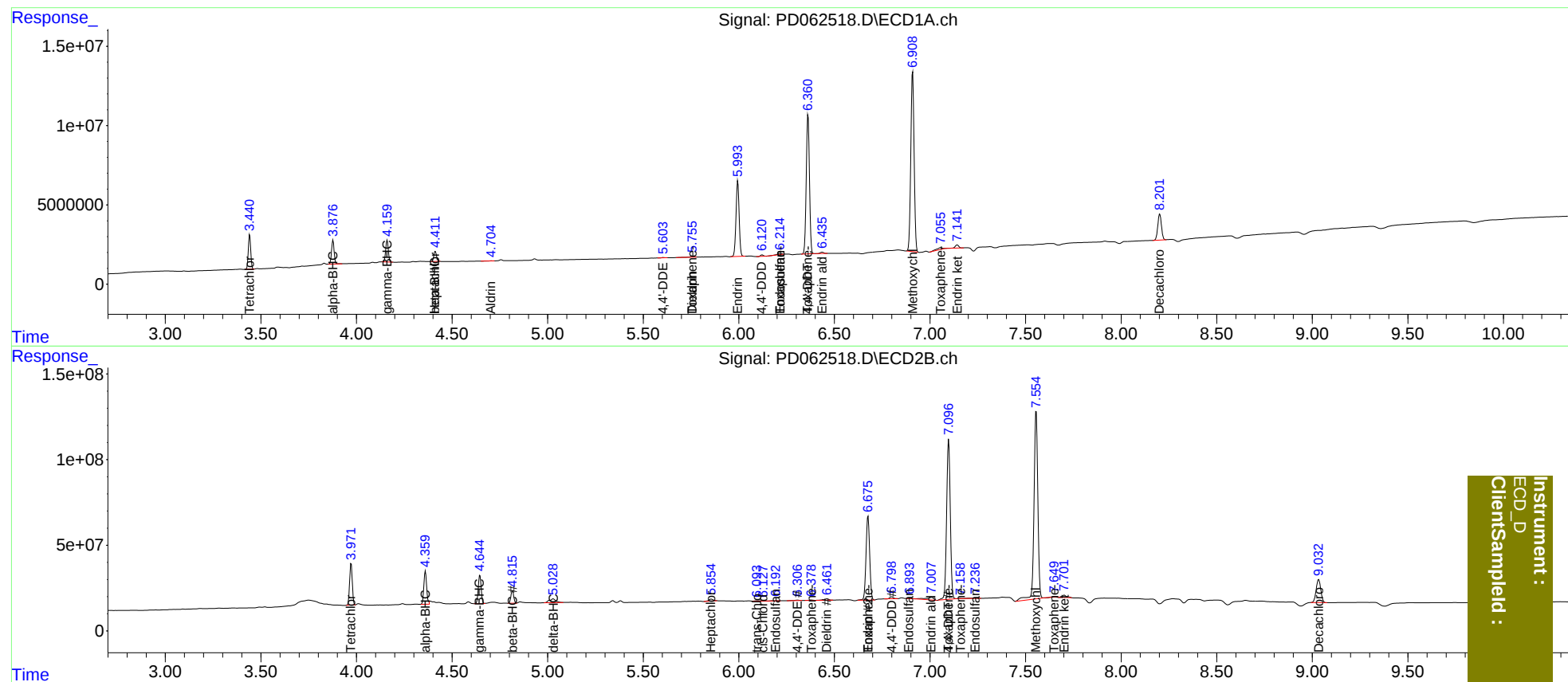
System Monitoring Compounds							
1)	SA Tetrachlo...	3.441	3.972	19065795	238.2E6	19.914	19.614
27)	SA Decachlor...	8.202	9.033	21809703	227.6E6	20.319	20.855
Target Compounds							
2)	A alpha-BHC	3.877	4.361	14129261	196.7E6	10.092	10.402
3)	MA gamma-BHC...	4.161	4.645	13152507	174.7E6	9.846	10.111
4)	MA Heptachlor	4.412f	0.000	6498757	0	5.061	N.D. #
5)	MB Aldrin	4.705	5.463	182214	713658	0.140	<MDL #
6)	B beta-BHC	4.412	4.816	6498757	75186618	10.467	9.849
7)	B delta-BHC	0.000	5.029	0	51212139	N.D.	2.760
8)	B Heptachlo...	0.000	5.855	0	18932628	N.D.	1.180
9)	A Endosulfan I	0.000	6.192	0	4073544	N.D.	0.278
10)	B trans-Chl...	0.000	6.095	0	1994922	N.D.	0.122
11)	B cis-Chlor...	0.000	6.129	0	3000639	N.D.	0.193
12)	B 4,4'-DDE	5.604	6.307	194486	4830776	0.157	0.308 #
13)	MA Dieldrin	5.757	6.462	723436	13976462	0.574	0.901 #
14)	MA Endrin	5.995	6.676	54036759	646.9E6	51.070	51.870
15)	B Endosulfa...	6.216f	6.891	1278209	2796110	1.232	0.223 #
16)	A 4,4'-DDD	6.121	6.800	884393	13696299	0.888	1.102
17)	MA 4,4'-DDT	6.362	7.098	102.2E6	1240.3E6	109.098	104.462
18)	B Endrin al...	6.436	7.009	1051631	42050605	1.179	3.842 #
19)	B Endosulfa...	0.000	7.237	0	5418634	N.D.	0.425
20)	A Methoxychlor	6.909	7.556	136.1E6	1535.7E6	255.005	270.928
21)	B Endrin ke...	7.142	7.703	2556613	18508374	2.179	1.504 #
22)	Toxaphene-1	5.757	6.379	723436	2964131	97.049	44.612 #
23)	Toxaphene-2	0.000	6.676	0	646.9E6	N.D.	7767.771
24)	Toxaphene-3	6.216	7.098	1278209	1240.3E6	155.554	11250.467 #
25)	Toxaphene-4	6.362	7.160	102.2E6	686168	5305.841	2.155 #
26)	Toxaphene-5	7.056	7.651	2540487	3564891	118.342	26.426 #

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

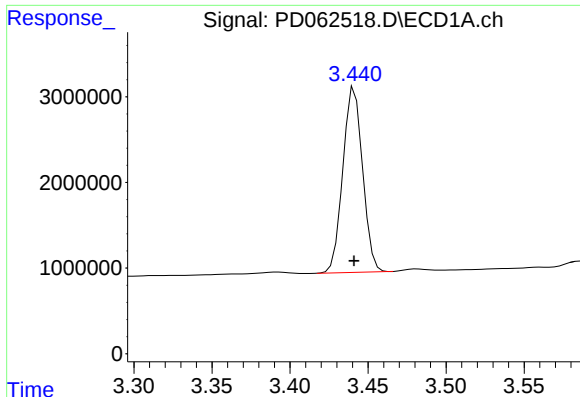
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042921\
Data File : PD062518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2021 09:16
Operator : AR\AJ
Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 13:17:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Thu Apr 29 13:14:34 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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



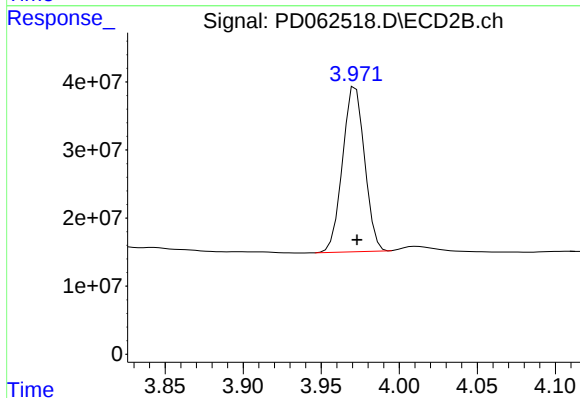
Instrument :
ECD_D
ClientSampled :



#1 Tetrachloro-m-xylene

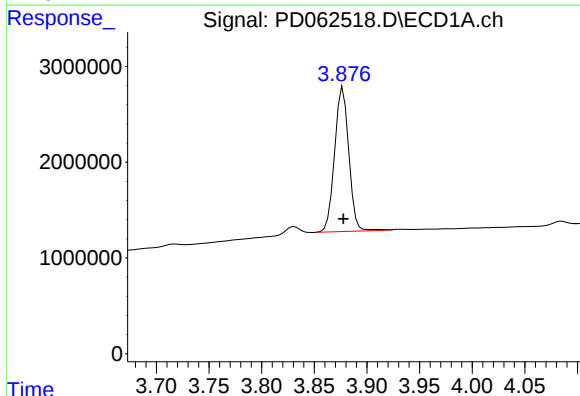
R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 19065795
Conc: 19.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



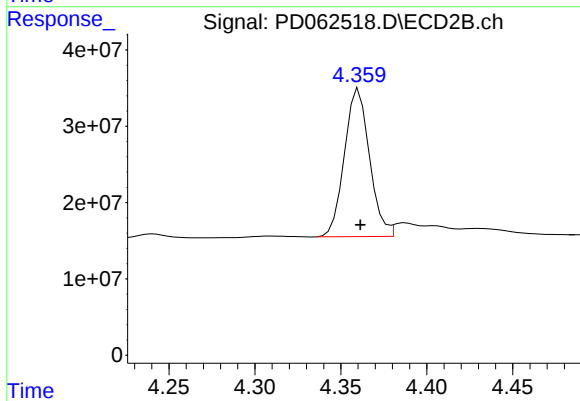
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 238182186
Conc: 19.61 ng/ml



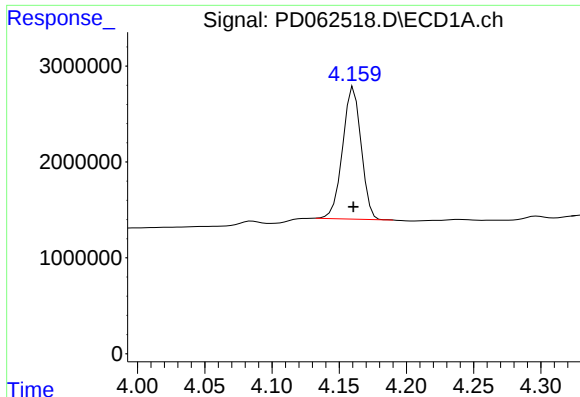
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 14129261
Conc: 10.09 ng/ml



#2 alpha-BHC

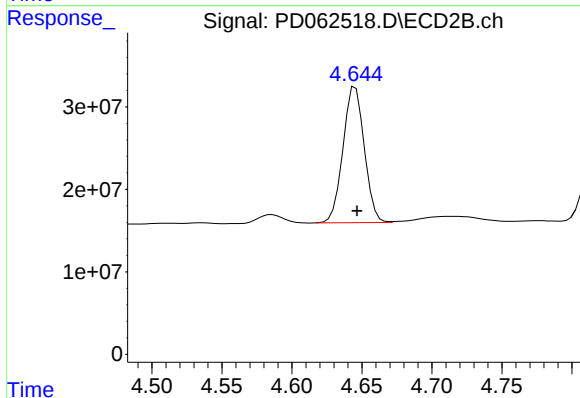
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 196721190
Conc: 10.40 ng/ml



#3 gamma-BHC (Lindane)

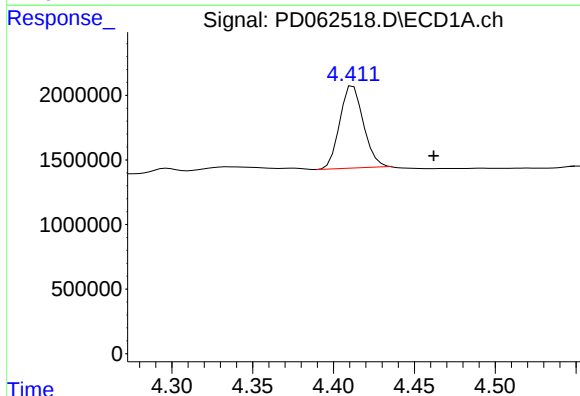
R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 13152507
Conc: 9.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



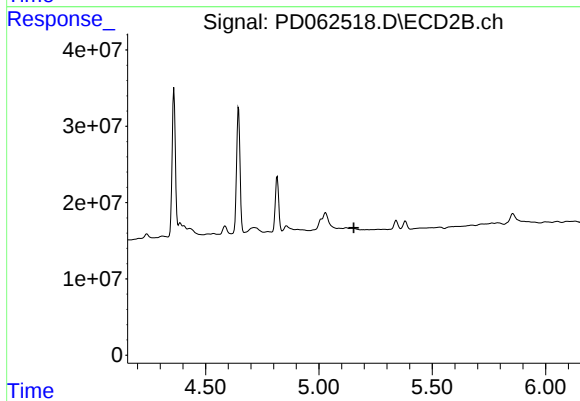
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: -0.001 min
Response: 174675214
Conc: 10.11 ng/ml



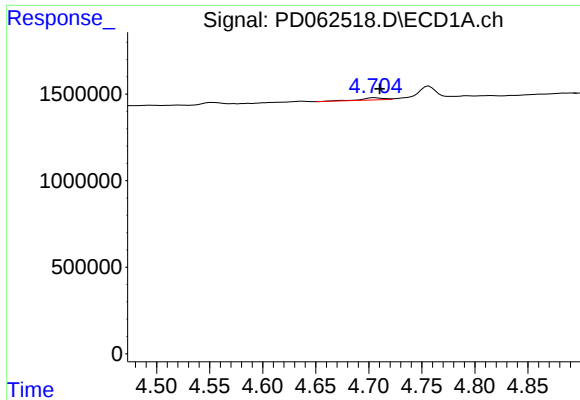
#4 Heptachlor

R.T.: 4.412 min
Delta R.T.: -0.050 min
Response: 6498757
Conc: 5.06 ng/ml



#4 Heptachlor

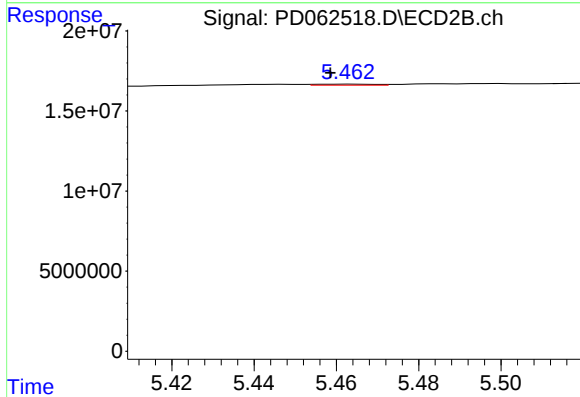
R.T.: 0.000 min
Exp R.T.: 5.154 min
Response: 0
Conc: N.D.



#5 Aldrin

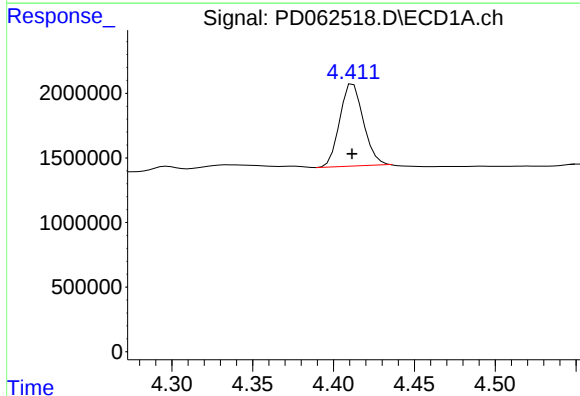
R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 182214
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



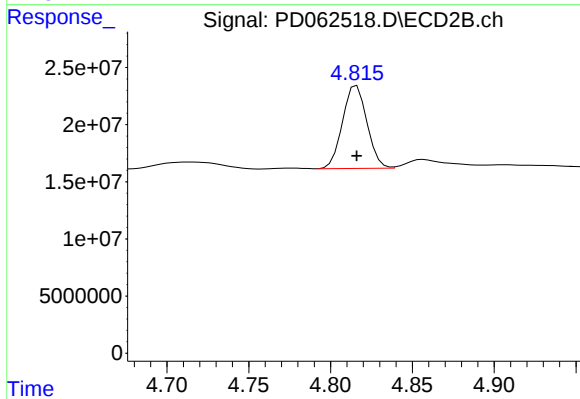
#5 Aldrin

R.T.: 5.463 min
Delta R.T.: 0.005 min
Response: 713658
Conc: N.D.



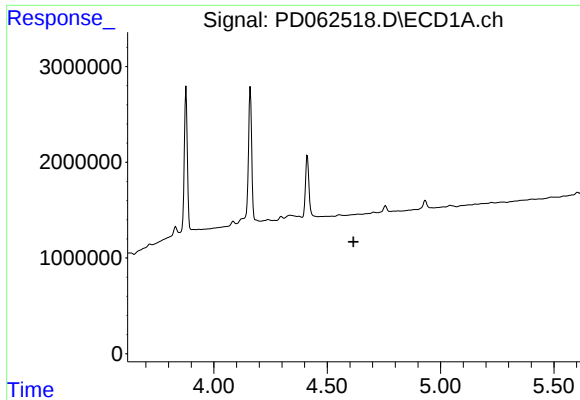
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 6498757
Conc: 10.47 ng/ml



#6 beta-BHC

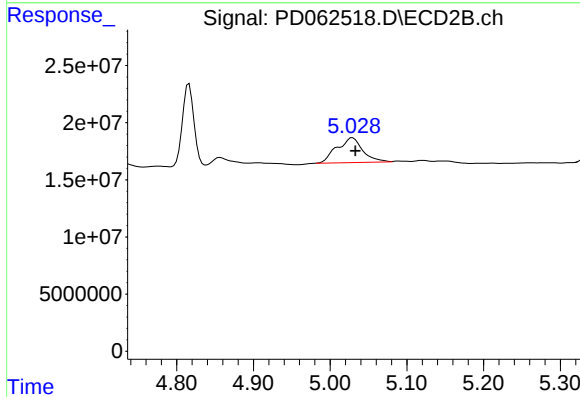
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 75186618
Conc: 9.85 ng/ml



#7 delta-BHC

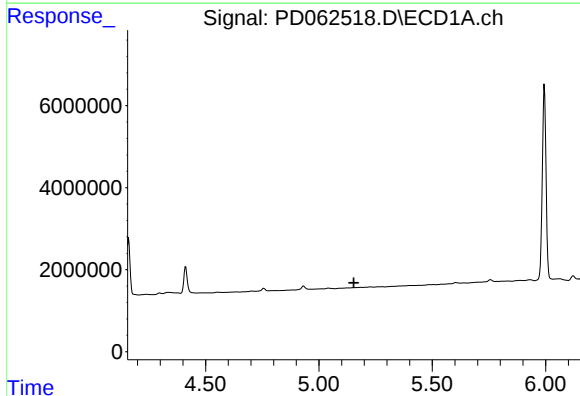
R.T.: 0.000 min
Exp R.T. : 4.616 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



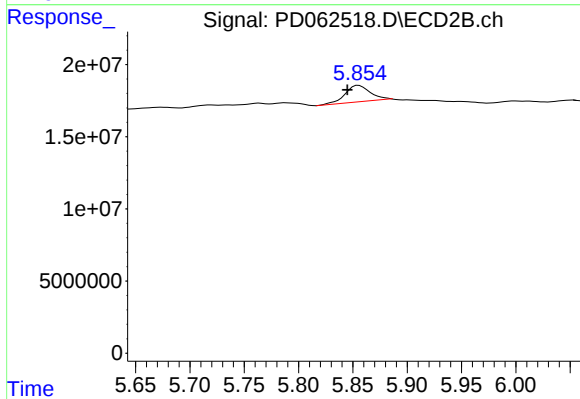
#7 delta-BHC

R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 51212139
Conc: 2.76 ng/ml



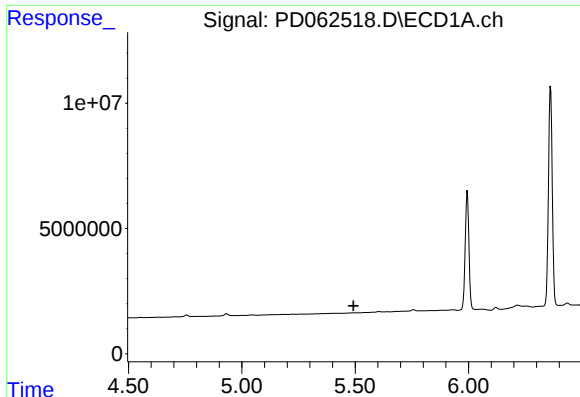
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.154 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

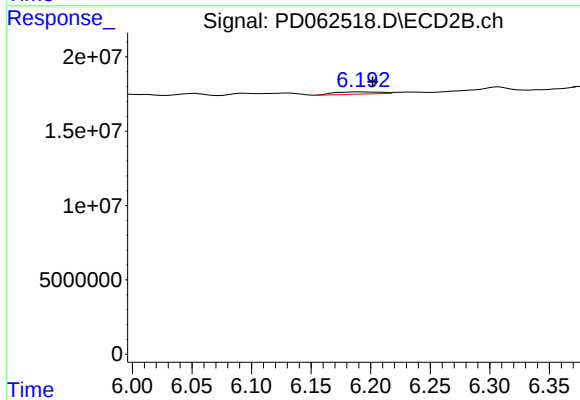
R.T.: 5.855 min
Delta R.T.: 0.010 min
Response: 18932628
Conc: 1.18 ng/ml



#9 Endosulfan I

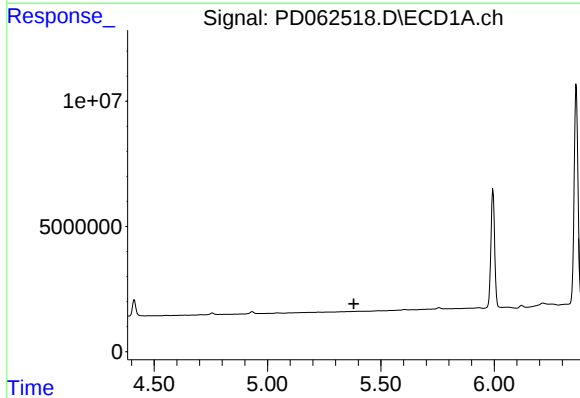
R.T.: 0.000 min
Exp R.T.: 5.493 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



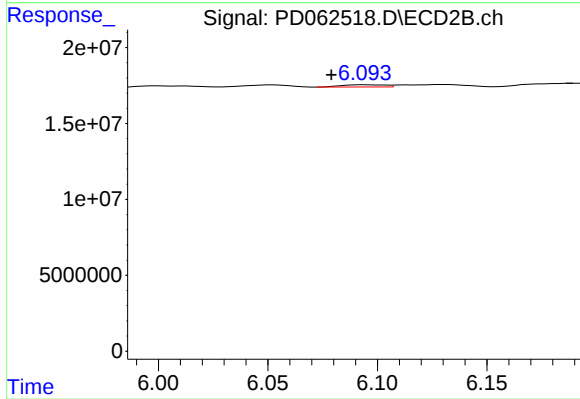
#9 Endosulfan I

R.T.: 6.192 min
Delta R.T.: -0.010 min
Response: 4073544
Conc: 0.28 ng/ml



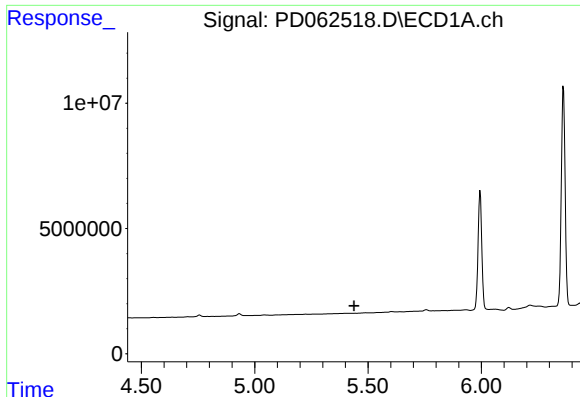
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.381 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

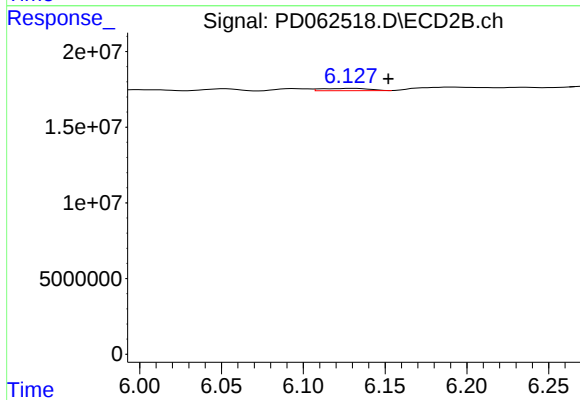
R.T.: 6.095 min
Delta R.T.: 0.016 min
Response: 1994922
Conc: 0.12 ng/ml



#11 cis-Chlordane

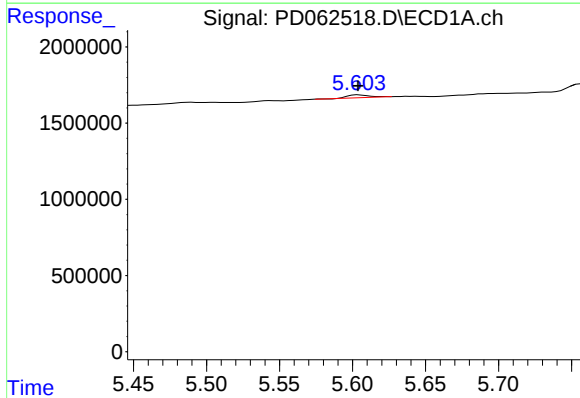
R.T.: 0.000 min
Exp R.T.: 5.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



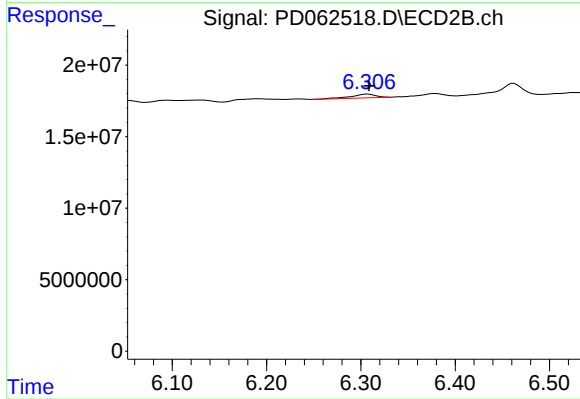
#11 cis-Chlordane

R.T.: 6.129 min
Delta R.T.: -0.023 min
Response: 3000639
Conc: 0.19 ng/ml



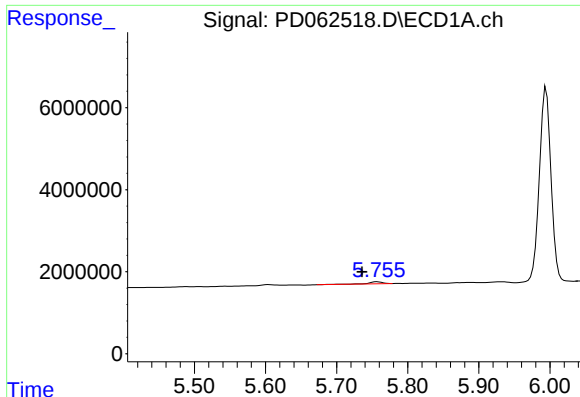
#12 4,4'-DDE

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 194486
Conc: 0.16 ng/ml



#12 4,4'-DDE

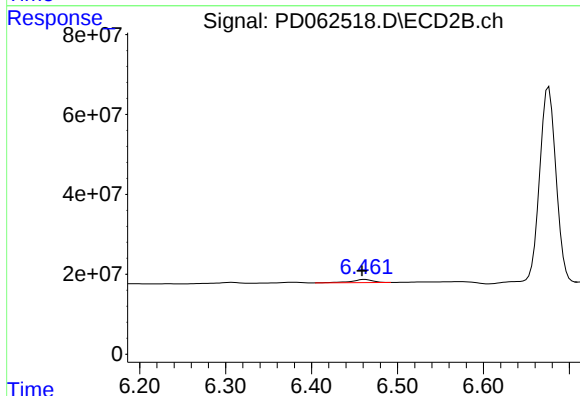
R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 4830776
Conc: 0.31 ng/ml



#13 Dieldrin

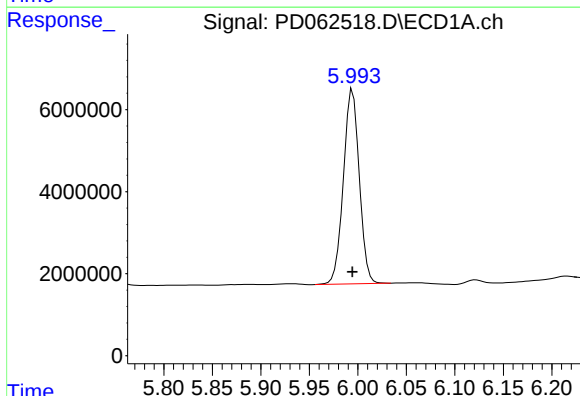
R.T.: 5.757 min
Delta R.T.: 0.021 min
Response: 723436
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



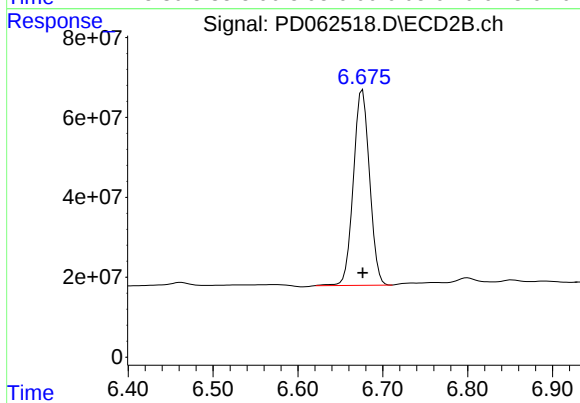
#13 Dieldrin

R.T.: 6.462 min
Delta R.T.: 0.003 min
Response: 13976462
Conc: 0.90 ng/ml



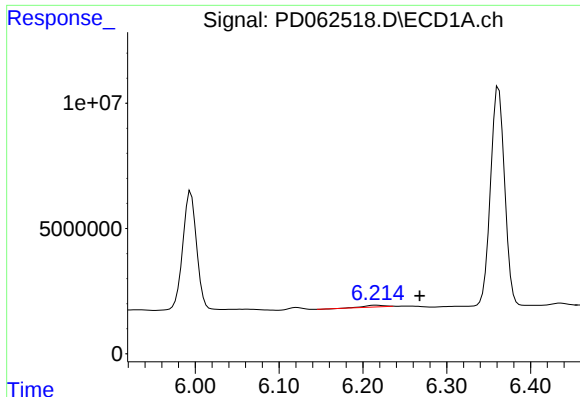
#14 Endrin

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 54036759
Conc: 51.07 ng/ml



#14 Endrin

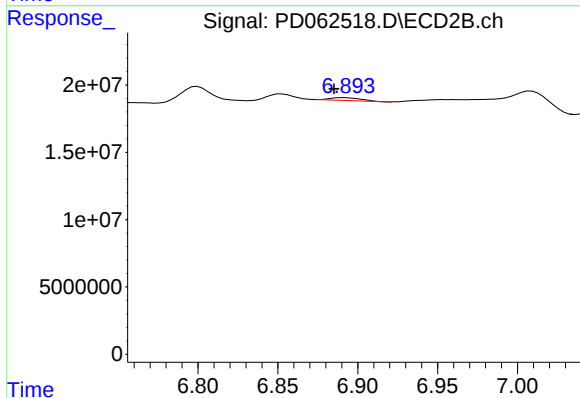
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 646895488
Conc: 51.87 ng/ml



#15 Endosulfan II

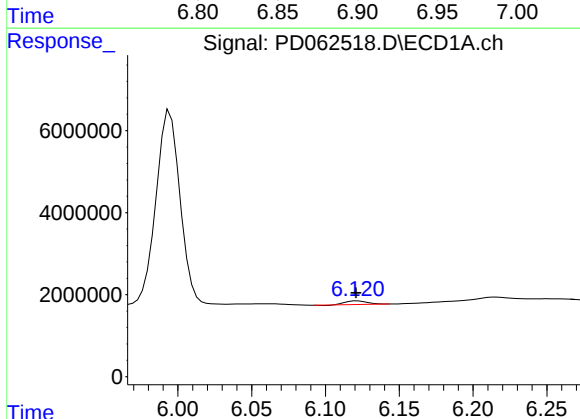
R.T.: 6.216 min
Delta R.T.: -0.052 min
Response: 1278209
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



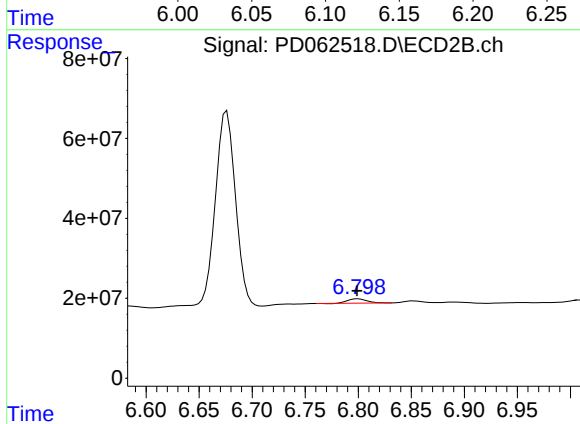
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: 0.006 min
Response: 2796110
Conc: 0.22 ng/ml



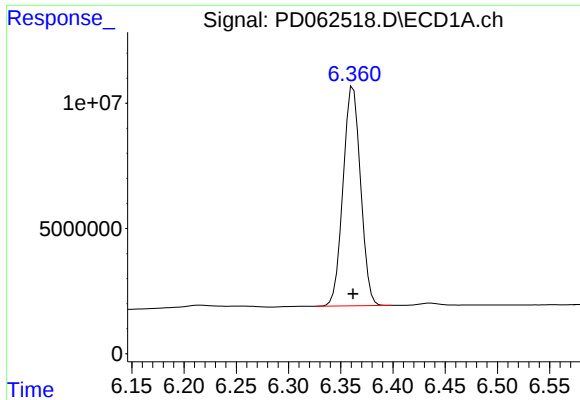
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 884393
Conc: 0.89 ng/ml



#16 4,4'-DDD

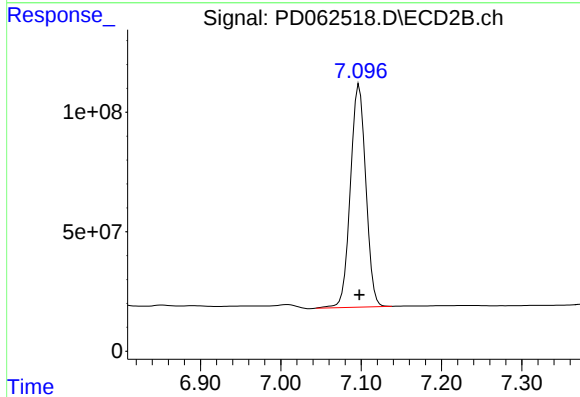
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 13696299
Conc: 1.10 ng/ml



#17 4,4'-DDT

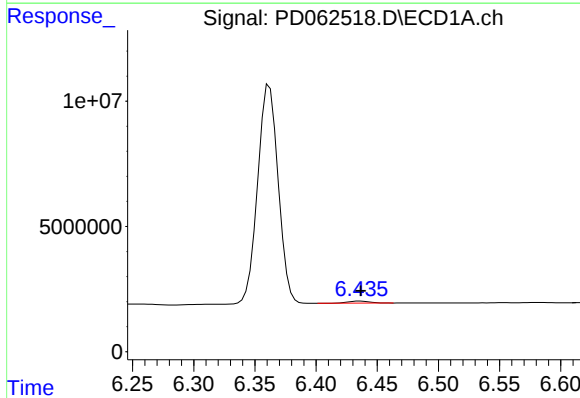
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 102185693
Conc: 109.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



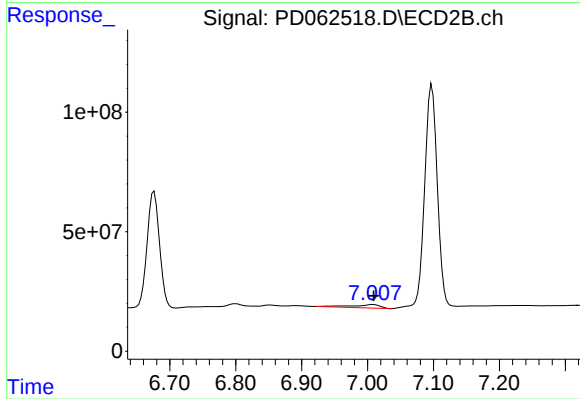
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 1240311352
Conc: 104.46 ng/ml



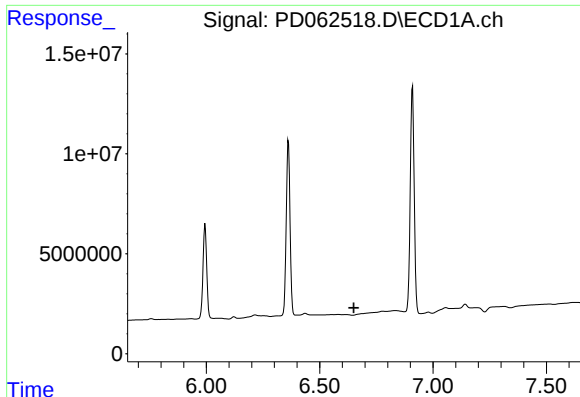
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 1051631
Conc: 1.18 ng/ml



#18 Endrin aldehyde

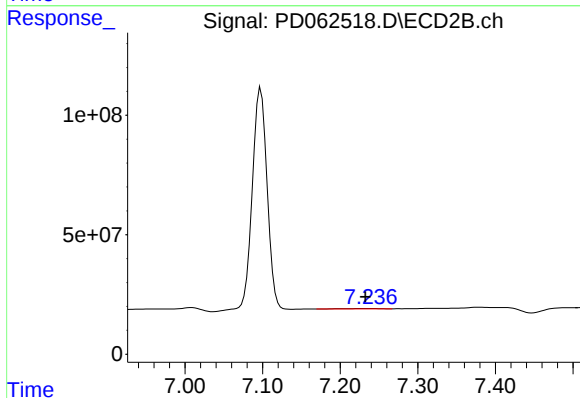
R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 42050605
Conc: 3.84 ng/ml



#19 Endosulfan Sulfate

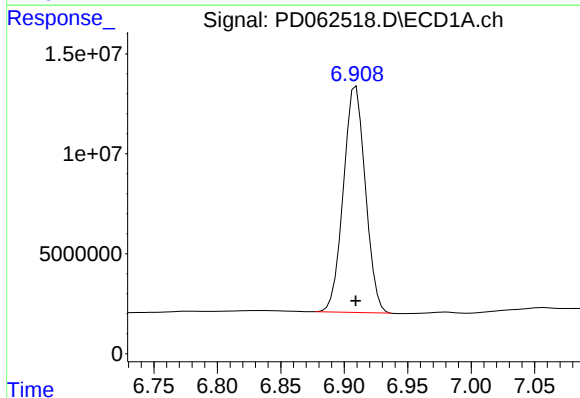
R.T.: 0.000 min
Exp R.T.: 6.650 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



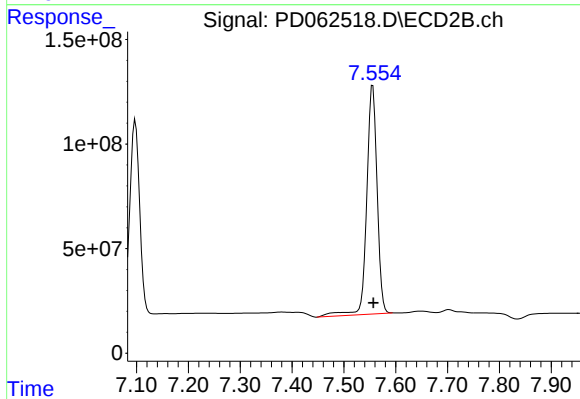
#19 Endosulfan Sulfate

R.T.: 7.237 min
Delta R.T.: 0.005 min
Response: 5418634
Conc: 0.42 ng/ml



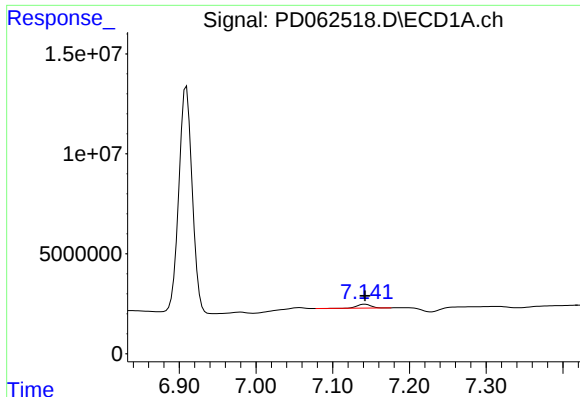
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 136061137
Conc: 255.01 ng/ml



#20 Methoxychlor

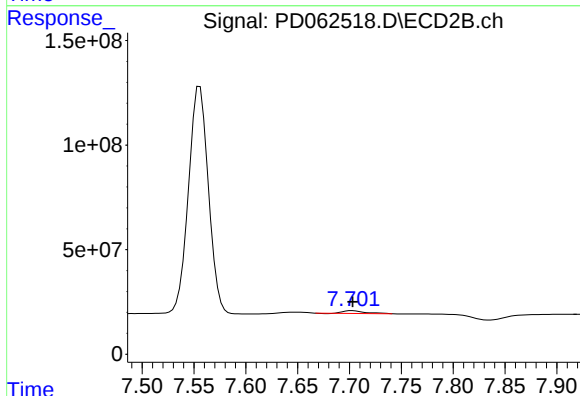
R.T.: 7.556 min
Delta R.T.: -0.001 min
Response: 1535669955
Conc: 270.93 ng/ml



#21 Endrin ketone

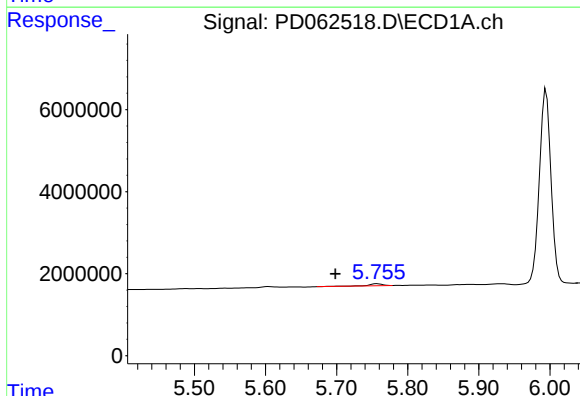
R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 2556613
Conc: 2.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



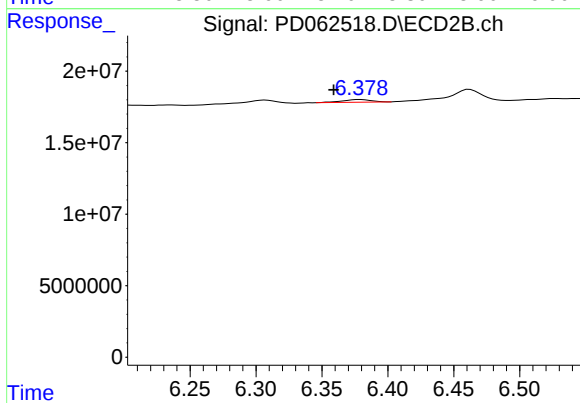
#21 Endrin ketone

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 18508374
Conc: 1.50 ng/ml



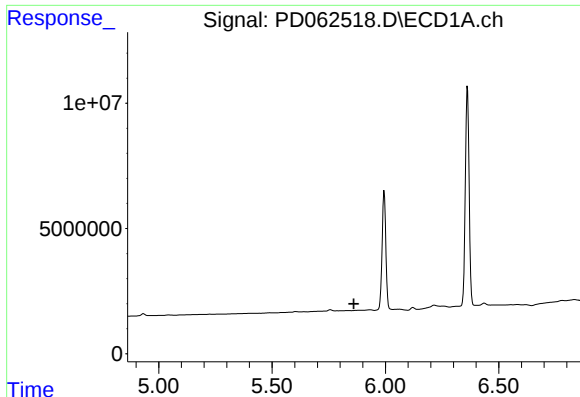
#22 Toxaphene-1

R.T.: 5.757 min
Delta R.T.: 0.058 min
Response: 723436
Conc: 97.05 ng/ml



#22 Toxaphene-1

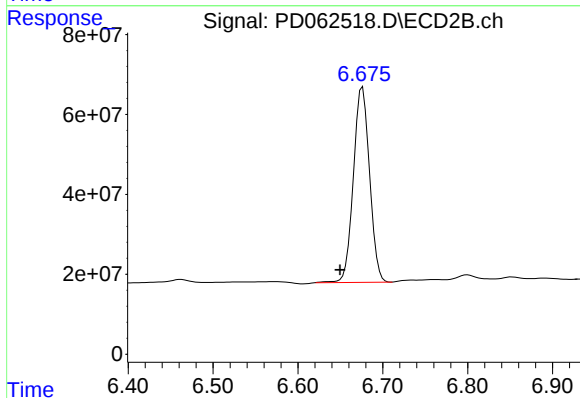
R.T.: 6.379 min
Delta R.T.: 0.020 min
Response: 2964131
Conc: 44.61 ng/ml



#23 Toxaphene-2

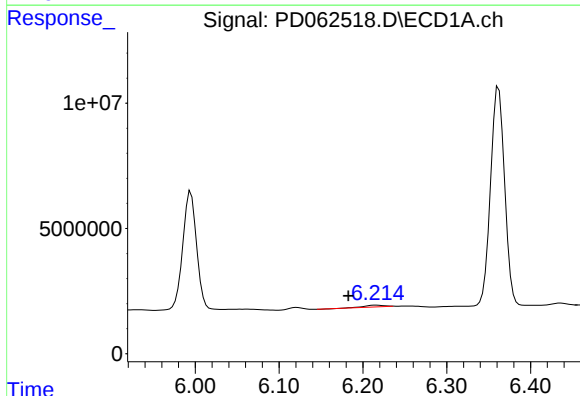
R.T.: 0.000 min
Exp R.T.: 5.860 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



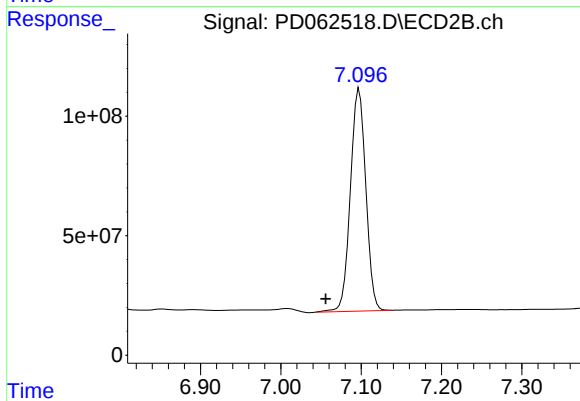
#23 Toxaphene-2

R.T.: 6.676 min
Delta R.T.: 0.026 min
Response: 646895488
Conc: 7767.77 ng/ml



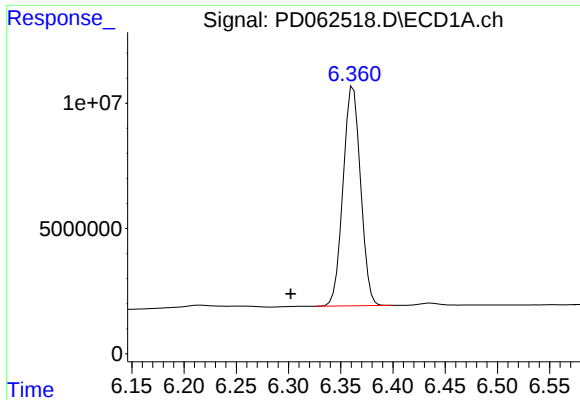
#24 Toxaphene-3

R.T.: 6.216 min
Delta R.T.: 0.033 min
Response: 1278209
Conc: 155.55 ng/ml



#24 Toxaphene-3

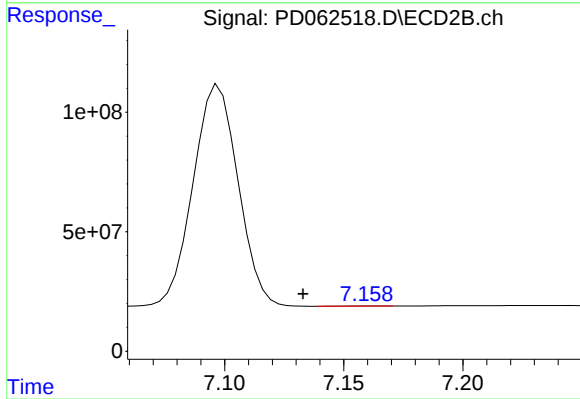
R.T.: 7.098 min
Delta R.T.: 0.041 min
Response: 1240311352
Conc: 11250.47 ng/ml



#25 Toxaphene-4

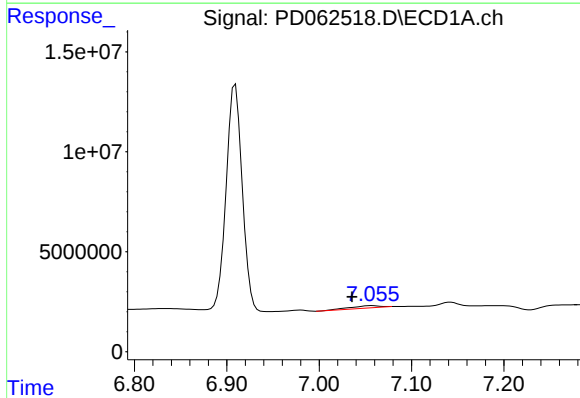
R.T.: 6.362 min
Delta R.T.: 0.060 min
Response: 102185693
Conc: 5305.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



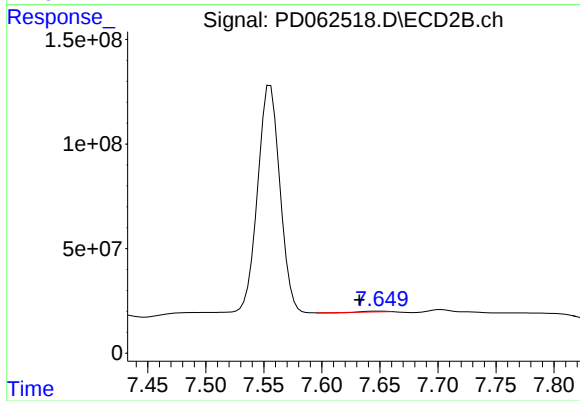
#25 Toxaphene-4

R.T.: 7.160 min
Delta R.T.: 0.027 min
Response: 686168
Conc: 2.16 ng/ml



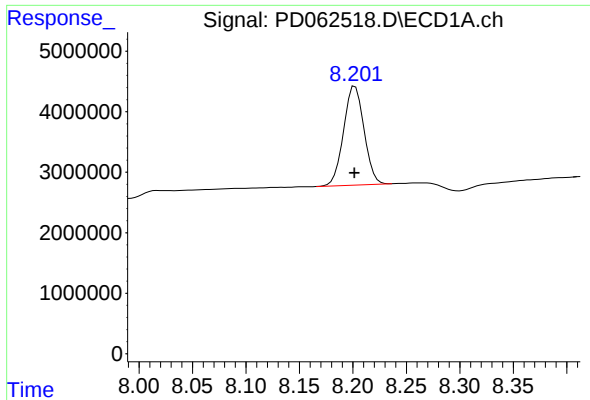
#26 Toxaphene-5

R.T.: 7.056 min
Delta R.T.: 0.021 min
Response: 2540487
Conc: 118.34 ng/ml



#26 Toxaphene-5

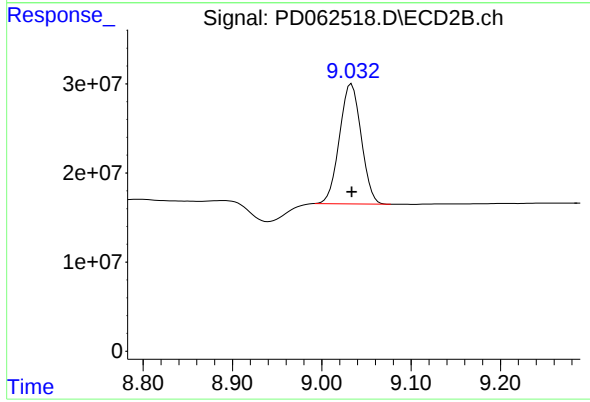
R.T.: 7.651 min
Delta R.T.: 0.018 min
Response: 3564891
Conc: 26.43 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 21809703
Conc: 20.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 227637820
Conc: 20.86 ng/ml