

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 18:27
 Operator : AR\AJ
 Sample : M1458-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:47:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 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...	3.487	3.982	15497441	167.9E6	19.334	20.120
28)	SA Decachlor...	8.256	9.036	24824061	177.1E6	20.585	20.529
Target Compounds							
2)	A alpha-BHC	3.926	4.371	5343887	61277884	4.336	4.728
3)	MA gamma-BHC...	4.211	4.654	5544151	58553546	4.710	4.826
4)	MA Heptachlor	4.514	5.163	5867044	71602854	4.729	5.621
5)	MB Aldrin	4.764	5.467	5551461	64829133	4.739	5.421
6)	B beta-BHC	4.460	4.824	1577357	25517493	2.983	5.232 #
7)	B delta-BHC	4.667	5.039	2402329	32781849	2.033	2.734 #
8)	B Heptachlo...	5.207	5.853	5725564	61768477	5.037	5.676
9)	A Endosulfan I	5.548	6.209	5441926	57648455	5.009	5.541
10)	B gamma-Chl...	5.436	6.087	5748772	61251963	4.940	5.416
11)	B alpha-Chl...	5.494	6.159	5770740	59825288	4.985	5.487
12)	B 4,4'-DDE	5.657	6.315	5203675	59026515	4.739	5.314
13)	MA Dieldrin	5.792	6.465	5511067	62742083	4.802	5.678
14)	MA Endrin	6.051	6.683	5264122	49501994	4.984	5.281
15)	B Endosulfa...	6.324	6.892	6014196	50586518	6.018	5.657
16)	A 4,4'-DDD	6.174	6.804	4255419	47971471	4.580	5.358
17)	MA 4,4'-DDT	6.416	7.103	5263221	51220319	5.293	5.538
18)	B Endrin al...	6.492	7.015	4685969	44912606	5.674	6.252
19)	B Endosulfa...	6.705	7.238	4429495	45928852	4.261	4.986
20)	A Methoxychlor	6.962	7.560	2591281	24440712	4.597	5.283
21)	B Endrin ke...	7.199	7.708	5793187	47393488	4.689	5.138
22)	Mirex	7.390	8.163	6178793	34798131	6.232	5.729
23)	Chlordane-1	4.387f	4.981	108087	3894482	2.993	9.399 #
24)	Chlordane-2	0.000	5.467f	0	64829133	N.D.	161.222 #
25)	Chlordane-3	5.436	6.087	5748772	61251963	45.851	35.198
26)	Chlordane-4	5.494	6.159	5770740	59825288	55.293	29.665 #
27)	Chlordane-5	6.324	0.000	6014196	0	124.177	N.D. #

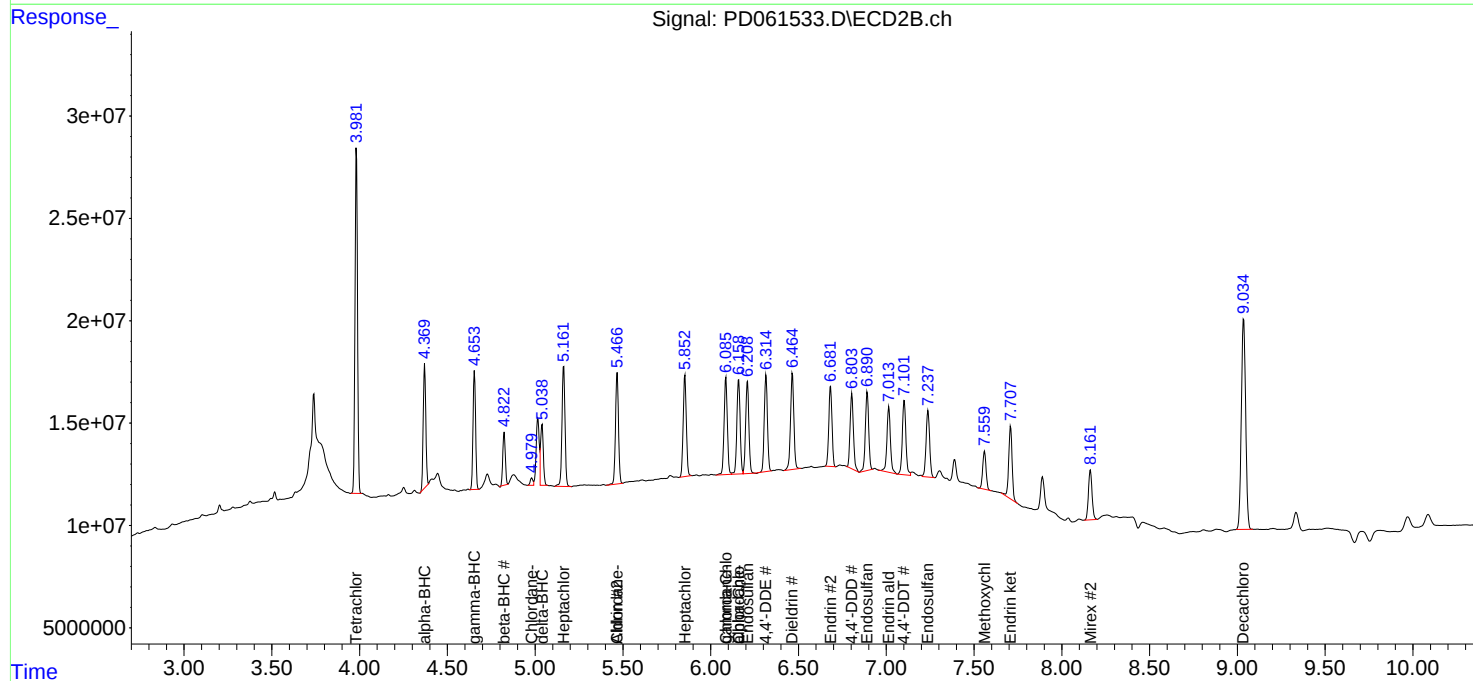
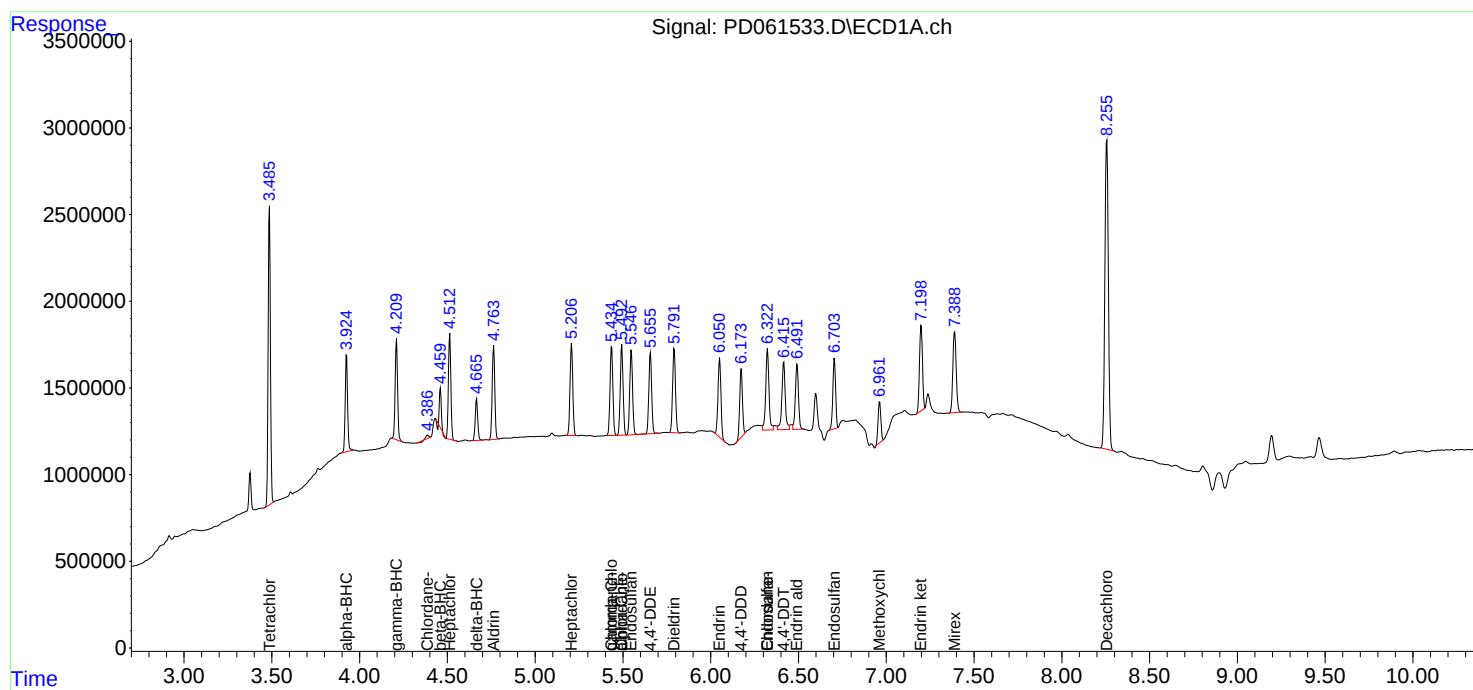
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

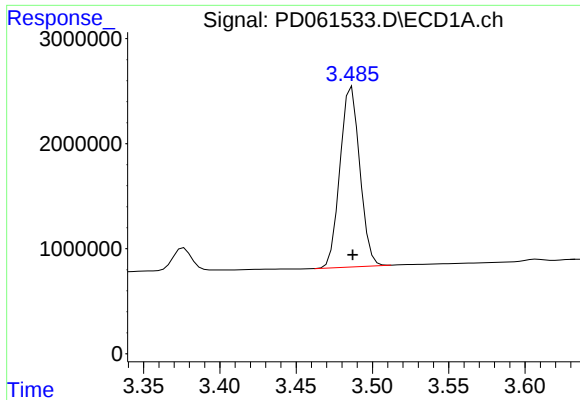
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 18:27
 Operator : AR\AJ
 Sample : M1458-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:47:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 2021
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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

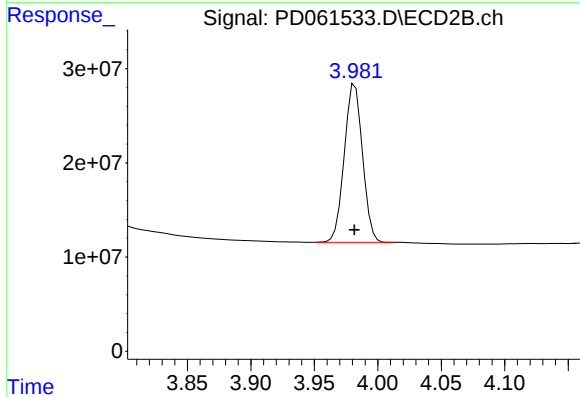




#1 Tetrachloro-m-xylene

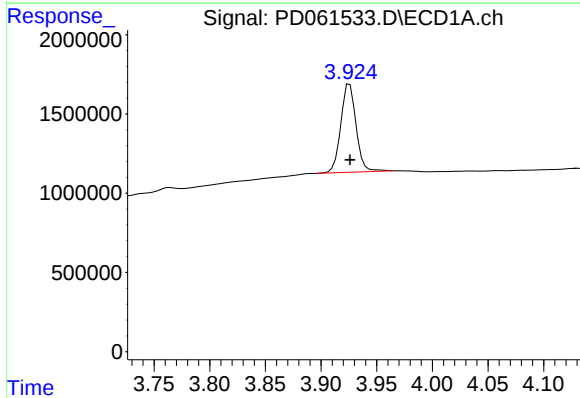
R.T.: 3.487 min
Delta R.T.: 0.000 min
Response: 15497441
Conc: 19.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



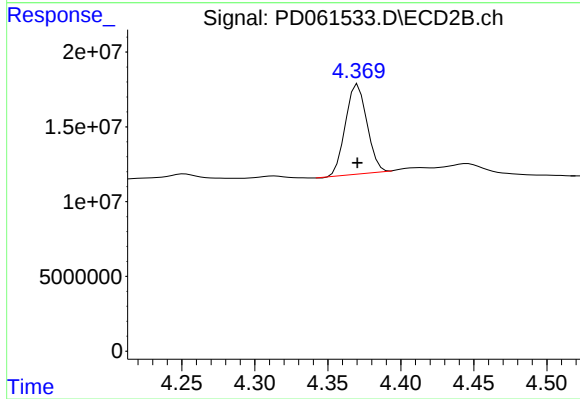
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 167860699
Conc: 20.12 ng/ml



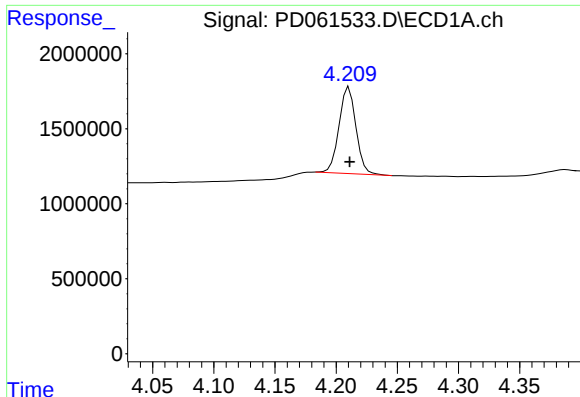
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 5343887
Conc: 4.34 ng/ml



#2 alpha-BHC

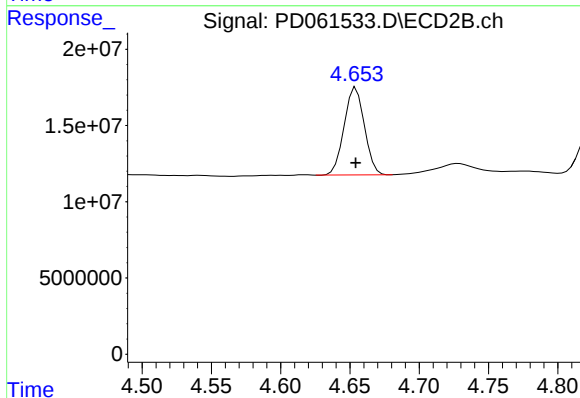
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 61277884
Conc: 4.73 ng/ml



#3 gamma-BHC (Lindane)

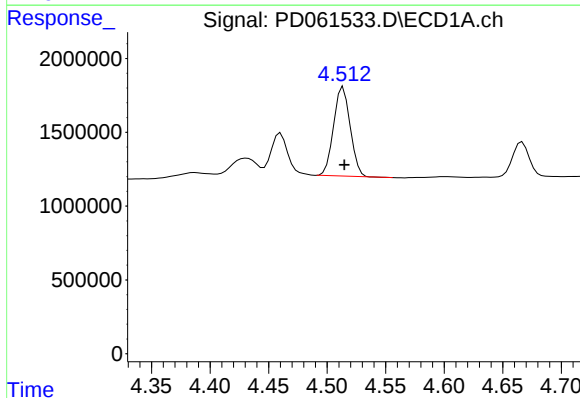
R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 5544151
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



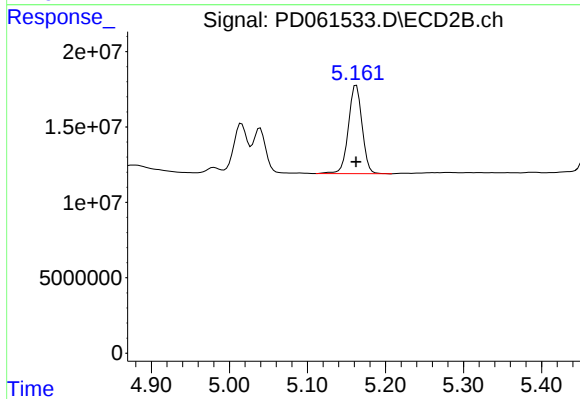
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 58553546
Conc: 4.83 ng/ml



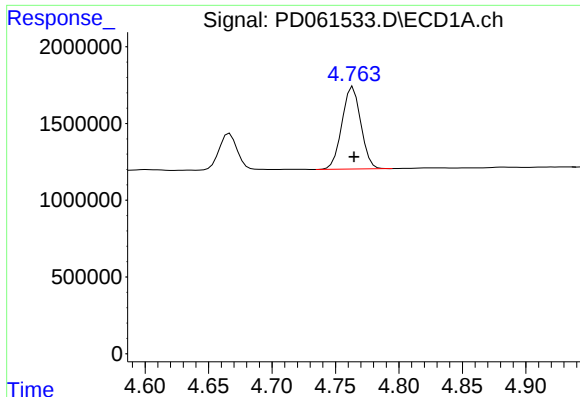
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 5867044
Conc: 4.73 ng/ml



#4 Heptachlor

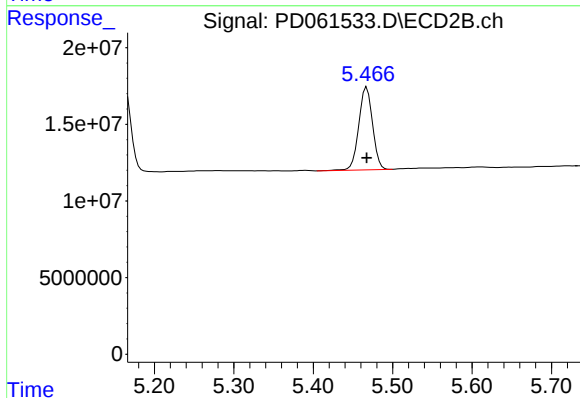
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 71602854
Conc: 5.62 ng/ml



#5 Aldrin

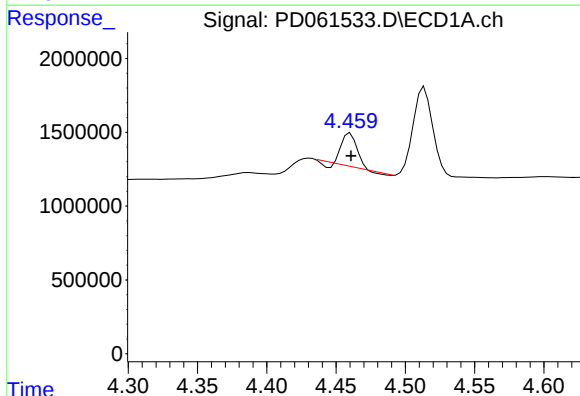
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 5551461
Conc: 4.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



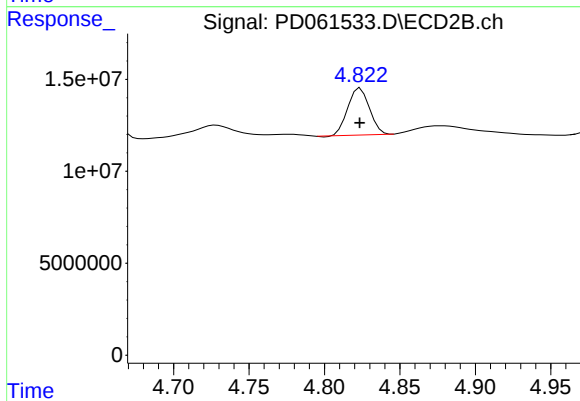
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 64829133
Conc: 5.42 ng/ml



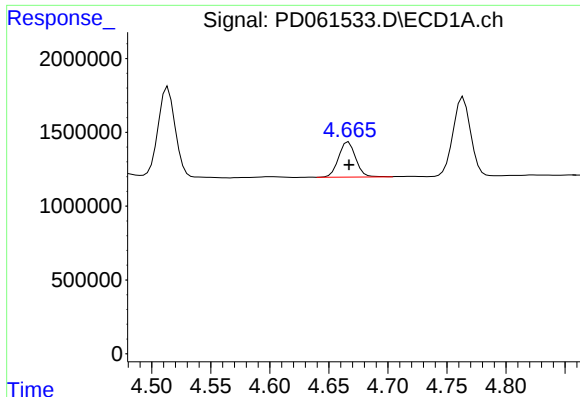
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 1577357
Conc: 2.98 ng/ml



#6 beta-BHC

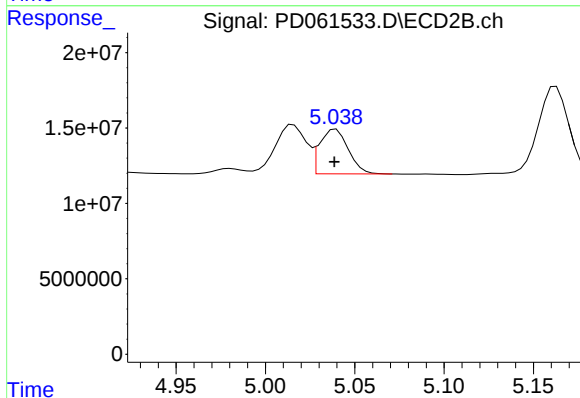
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 25517493
Conc: 5.23 ng/ml



#7 delta-BHC

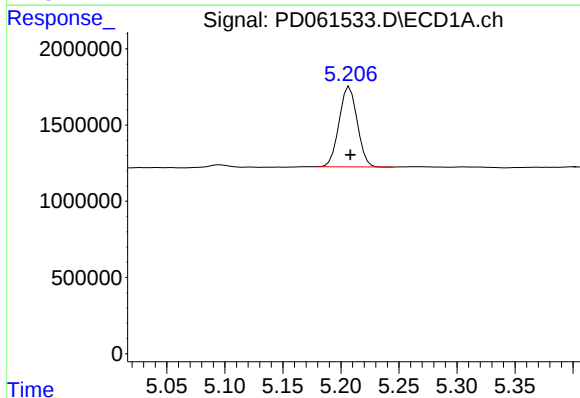
R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 2402329
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



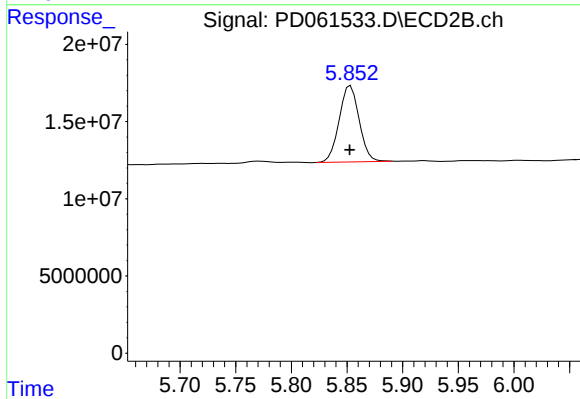
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 32781849
Conc: 2.73 ng/ml



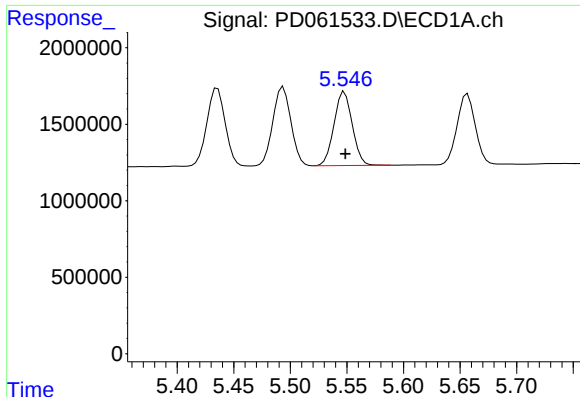
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 5725564
Conc: 5.04 ng/ml



#8 Heptachlor epoxide

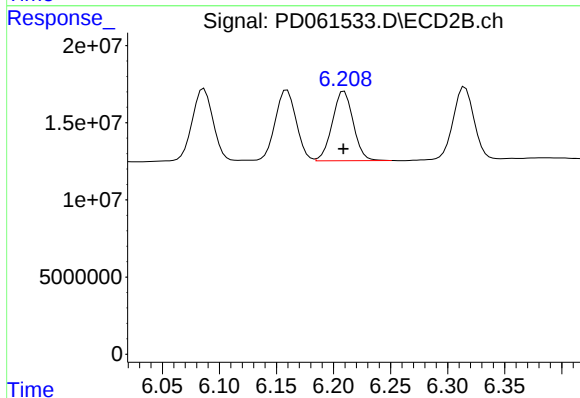
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 61768477
Conc: 5.68 ng/ml



#9 Endosulfan I

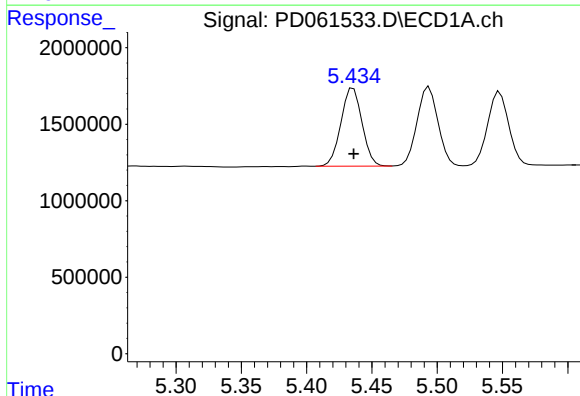
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 5441926
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



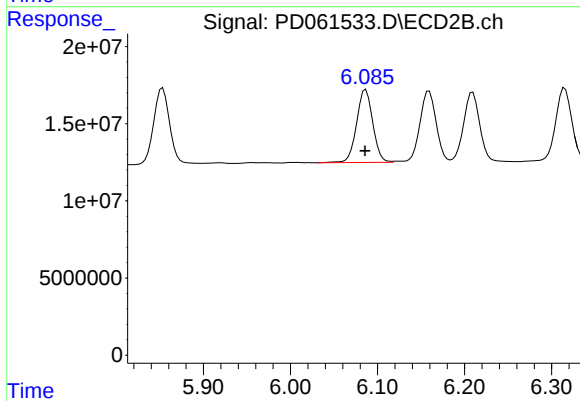
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 57648455
Conc: 5.54 ng/ml



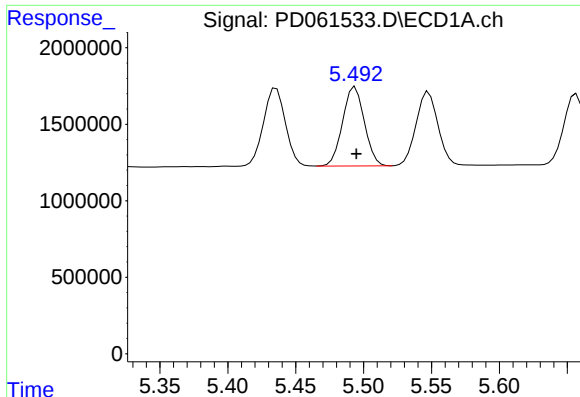
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 5748772
Conc: 4.94 ng/ml



#10 gamma-Chlordane

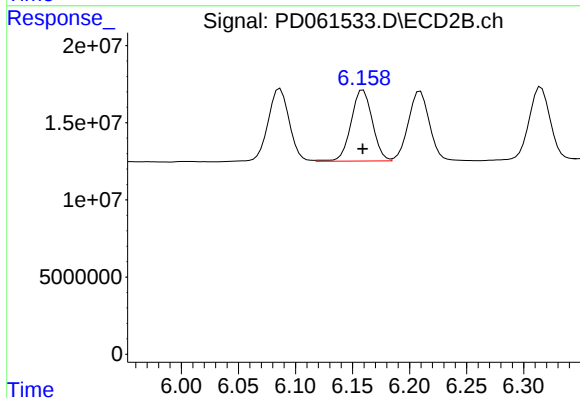
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 61251963
Conc: 5.42 ng/ml



#11 alpha-Chlordane

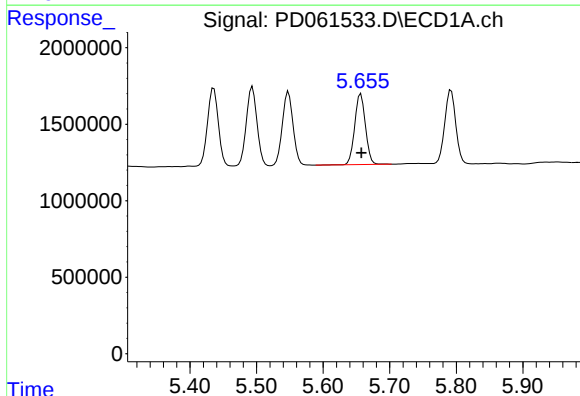
R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 5770740
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



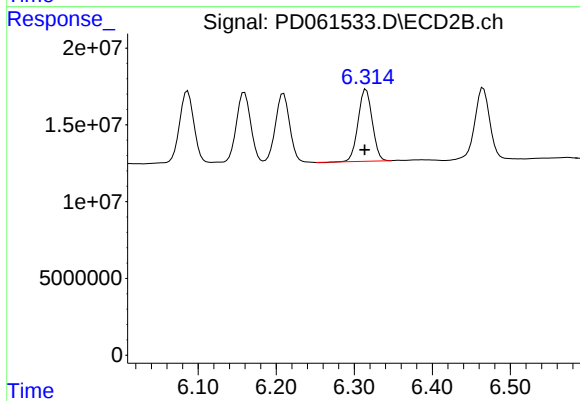
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 59825288
Conc: 5.49 ng/ml



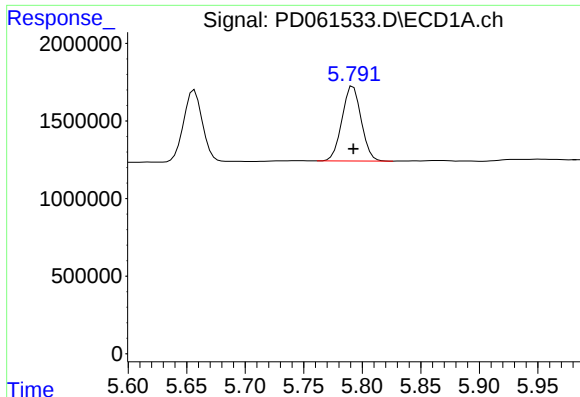
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 5203675
Conc: 4.74 ng/ml



#12 4,4'-DDE

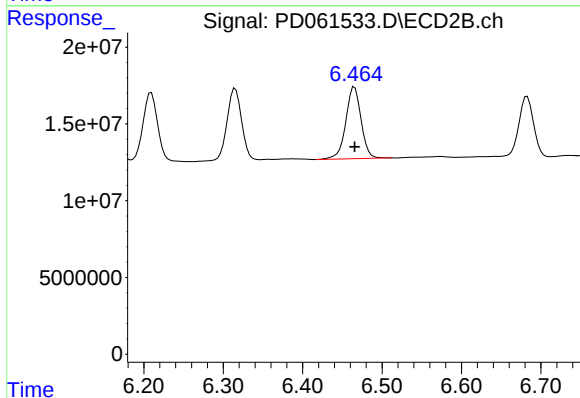
R.T.: 6.315 min
Delta R.T.: 0.002 min
Response: 59026515
Conc: 5.31 ng/ml



#13 Dieldrin

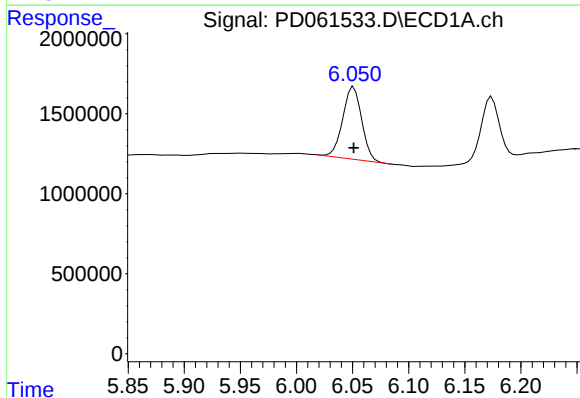
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 5511067
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



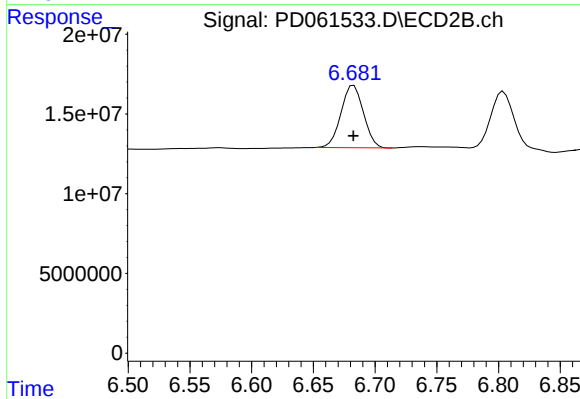
#13 Dieldrin

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 62742083
Conc: 5.68 ng/ml



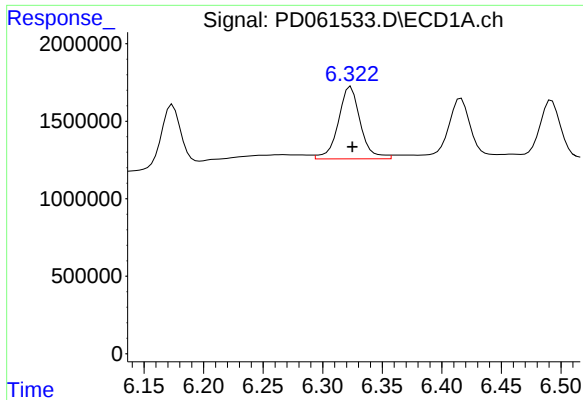
#14 Endrin

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 5264122
Conc: 4.98 ng/ml



#14 Endrin

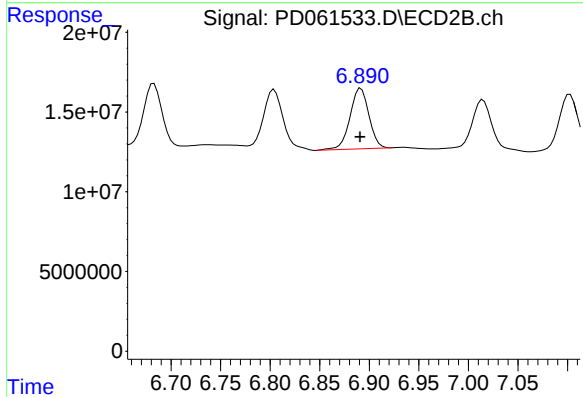
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 49501994
Conc: 5.28 ng/ml



#15 Endosulfan II

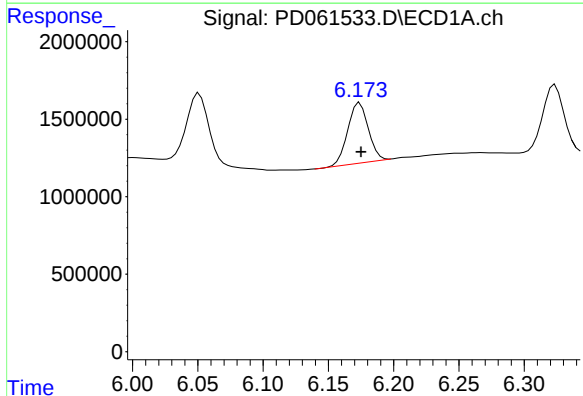
R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 6014196
Conc: 6.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



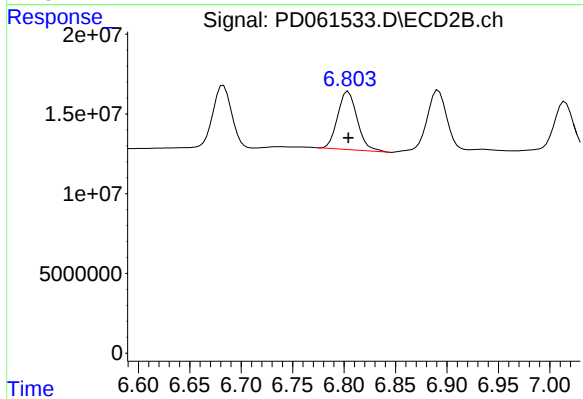
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.001 min
Response: 50586518
Conc: 5.66 ng/ml



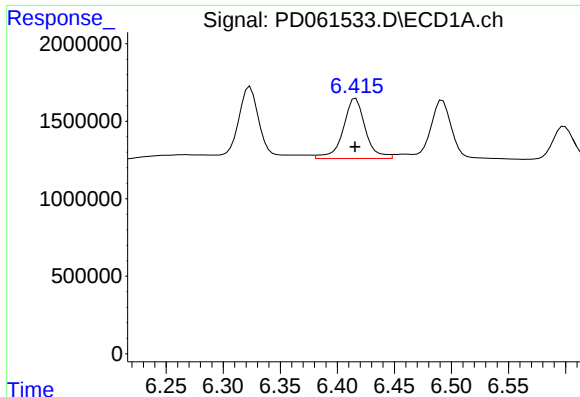
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 4255419
Conc: 4.58 ng/ml



#16 4,4'-DDD

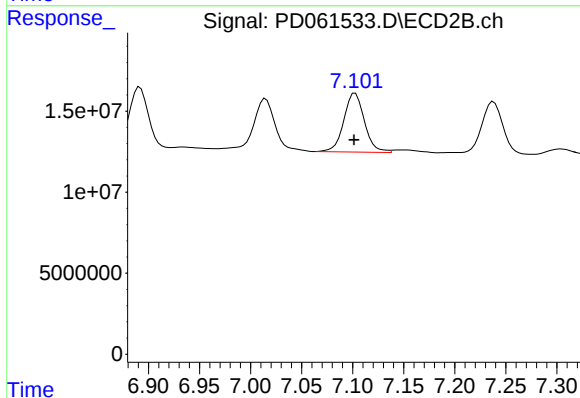
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 47971471
Conc: 5.36 ng/ml



#17 4,4'-DDT

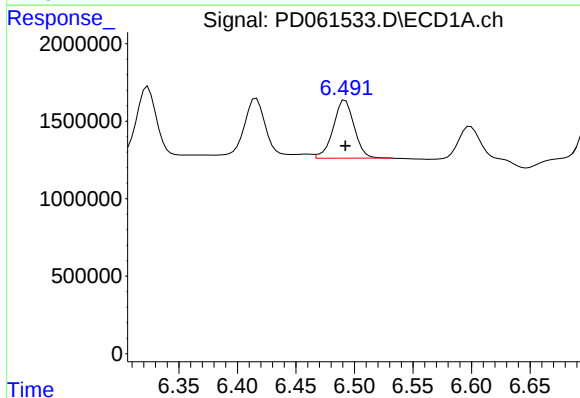
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 5263221
Conc: 5.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



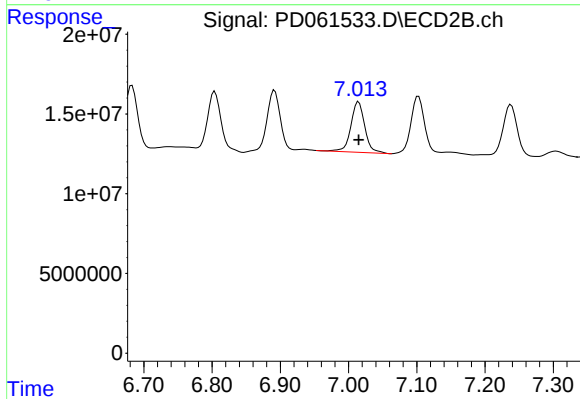
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 51220319
Conc: 5.54 ng/ml



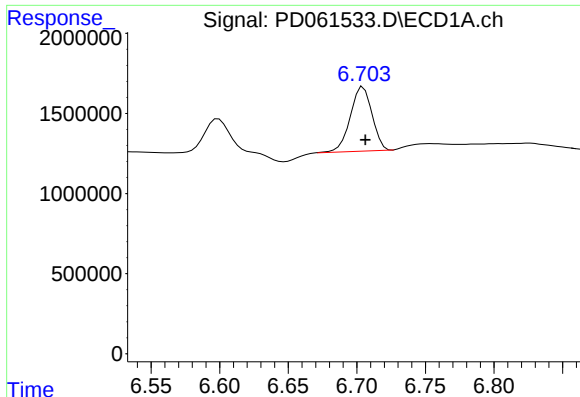
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 4685969
Conc: 5.67 ng/ml



#18 Endrin aldehyde

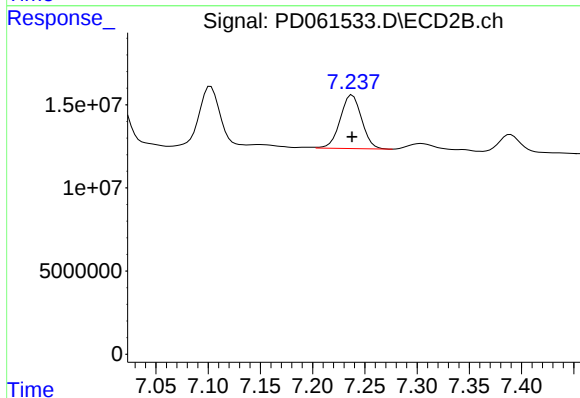
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 44912606
Conc: 6.25 ng/ml



#19 Endosulfan Sulfate

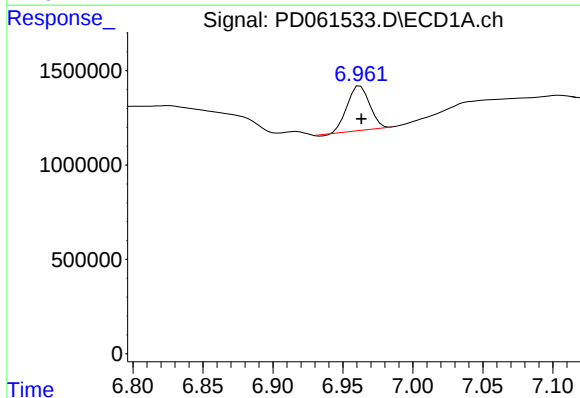
R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 4429495
Conc: 4.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



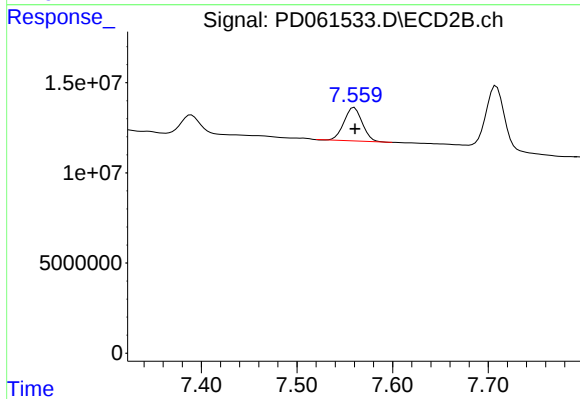
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 45928852
Conc: 4.99 ng/ml



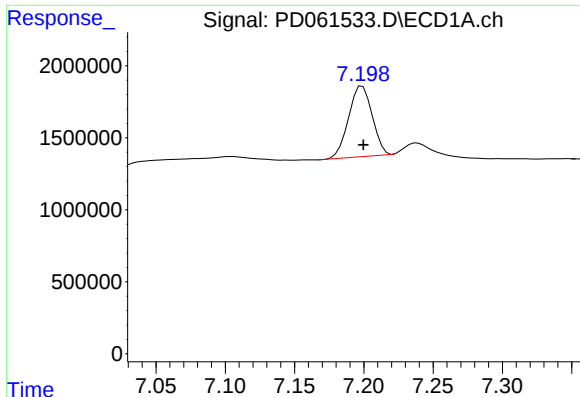
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2591281
Conc: 4.60 ng/ml



#20 Methoxychlor

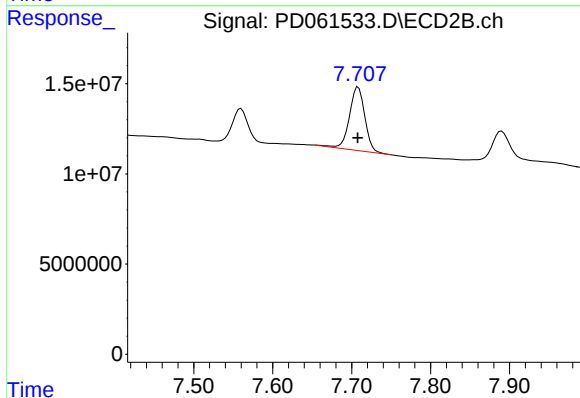
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 24440712
Conc: 5.28 ng/ml



#21 Endrin ketone

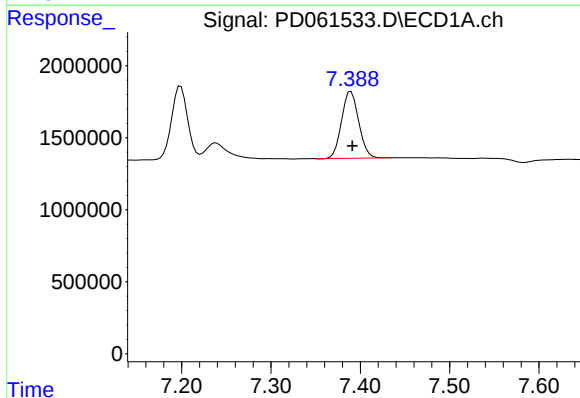
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 5793187
Conc: 4.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



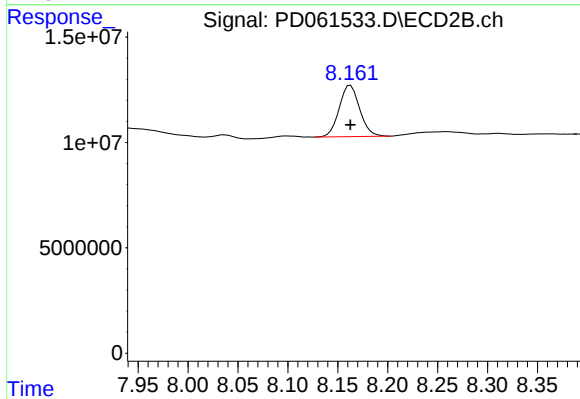
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 47393488
Conc: 5.14 ng/ml



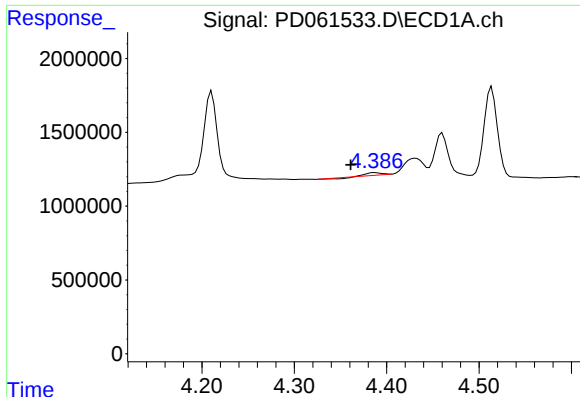
#22 Mirex

R.T.: 7.390 min
Delta R.T.: -0.001 min
Response: 6178793
Conc: 6.23 ng/ml



#22 Mirex

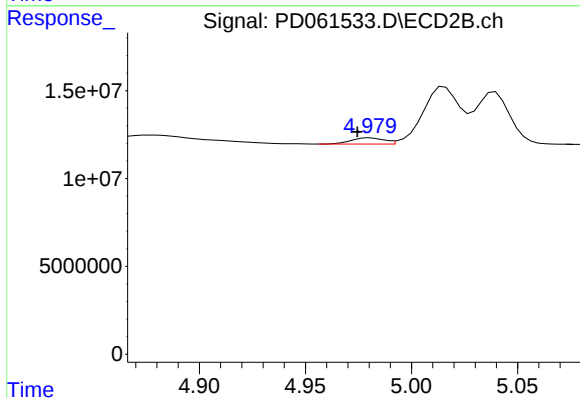
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 34798131
Conc: 5.73 ng/ml



#23 Chlordane-1

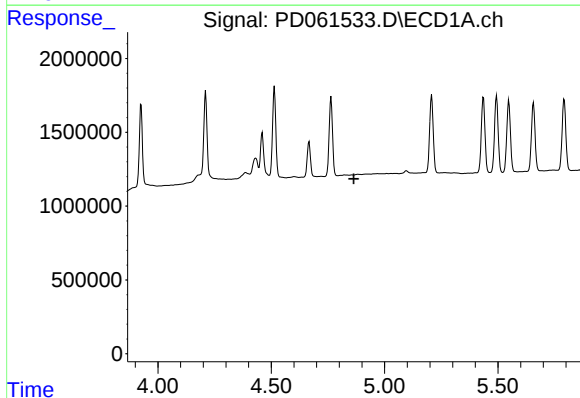
R.T.: 4.387 min
Delta R.T.: 0.026 min
Response: 108087
Conc: 2.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



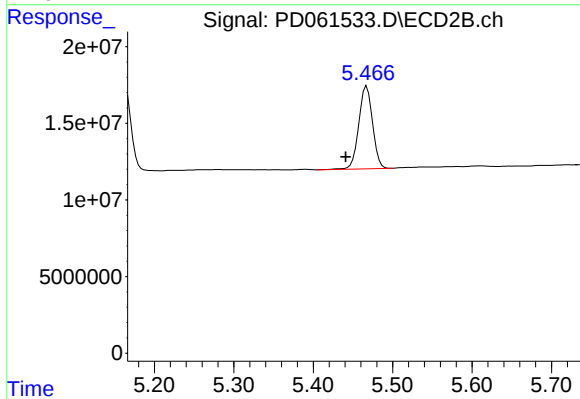
#23 Chlordane-1

R.T.: 4.981 min
Delta R.T.: 0.006 min
Response: 3894482
Conc: 9.40 ng/ml



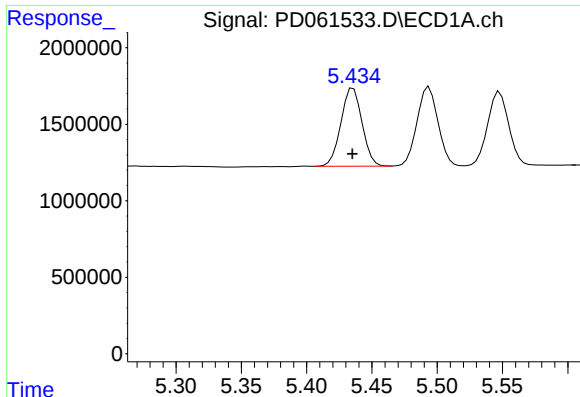
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



#24 Chlordane-2

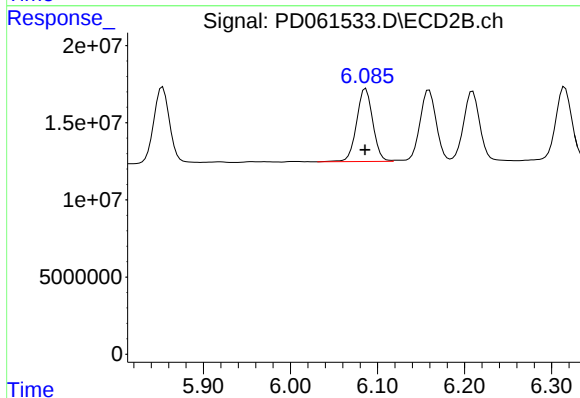
R.T.: 5.467 min
Delta R.T.: 0.026 min
Response: 64829133
Conc: 161.22 ng/ml



#25 Chlordane-3

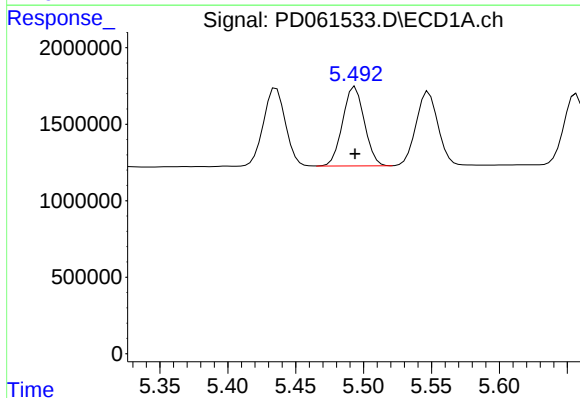
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 5748772
Conc: 45.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



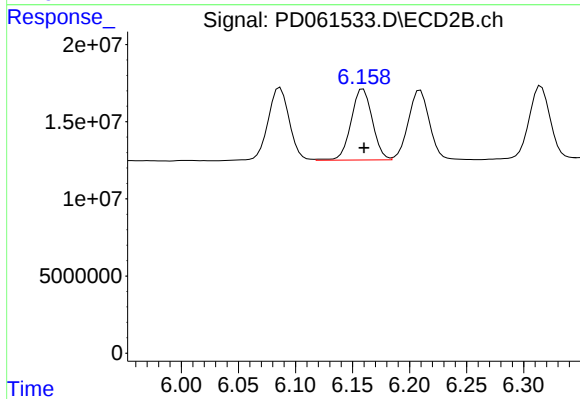
#25 Chlordane-3

R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 61251963
Conc: 35.20 ng/ml



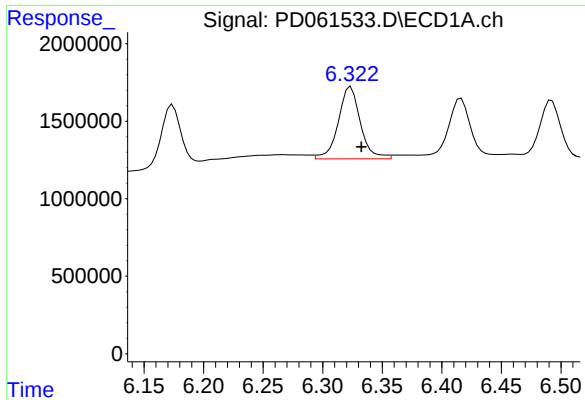
#26 Chlordane-4

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 5770740
Conc: 55.29 ng/ml



#26 Chlordane-4

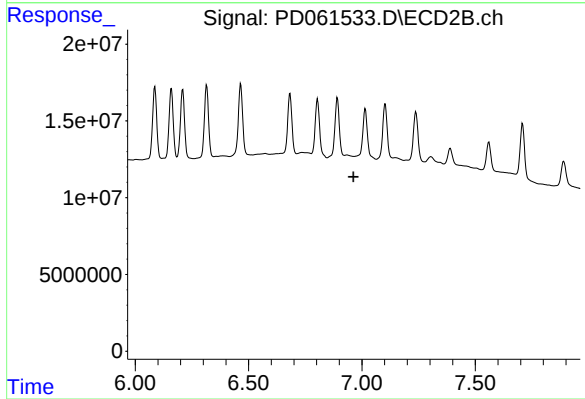
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 59825288
Conc: 29.67 ng/ml



#27 Chlordane-5

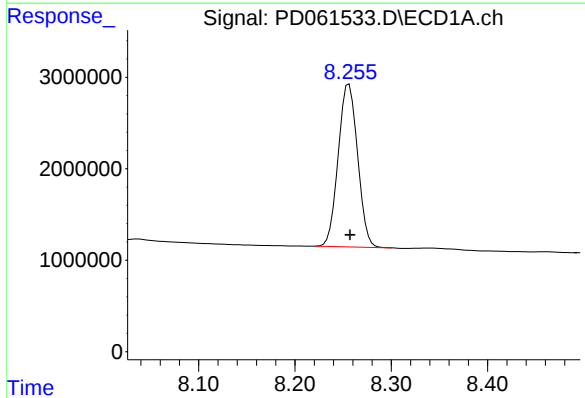
R.T.: 6.324 min
Delta R.T.: -0.009 min
Response: 6014196
Conc: 124.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



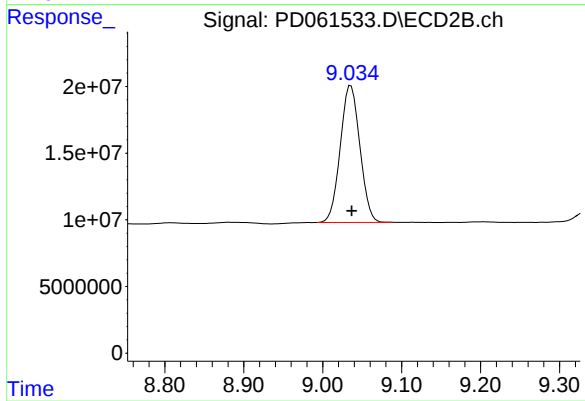
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.963 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.256 min
Delta R.T.: -0.001 min
Response: 24824061
Conc: 20.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: -0.001 min
Response: 177128897
Conc: 20.53 ng/ml