

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 18:13
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:47:40 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...	3.486	3.982	16228491	173.9E6	20.246	20.845
28)	SA Decachlor...	8.257	9.036	25906866	184.5E6	21.483	21.380
Target Compounds							
2)	A alpha-BHC	3.926	4.371	2918762	31736831	2.368	2.449
3)	MA gamma-BHC...	4.210	4.655	2981327	29955532	2.533	2.469
4)	MA Heptachlor	4.514	5.163	2899158	38078570	2.337	2.989 #
5)	MB Aldrin	4.763	5.467	2812674	32786621	2.401	2.742
6)	B beta-BHC	4.460	4.824	577277	12522209	1.092	2.568 #
7)	B delta-BHC	4.666	5.039	1270144	17607645	1.075	1.468 #
8)	B Heptachlo...	5.207	5.854	2902493	32822192	2.554	3.016
9)	A Endosulfan I	5.547	6.209	2815705	30584427	2.592	2.940
10)	B gamma-Chl...	5.435	6.087	3060770	34726435	2.630	3.071
11)	B alpha-Chl...	5.493	6.159	2929443	32046583	2.531	2.939
12)	B 4,4'-DDE	5.657	6.315	2595393	30728442	2.363	2.767
13)	MA Dieldrin	5.792	6.466	2748974	31302472	2.395	2.833
14)	MA Endrin	6.050	6.684	2774946	26322024	2.627	2.808
15)	B Endosulfa...	6.323	6.891	3756365	28602271	3.759	3.199
16)	A 4,4'-DDD	6.174	6.805	2001729	25453127	2.154	2.843 #
17)	MA 4,4'-DDT	6.416	7.102	3473841	27511995	3.494	2.975
18)	B Endrin al...	6.492	7.015	2616346	24544403	3.168	3.417
19)	B Endosulfa...	6.704	7.238	2291218	25830033	2.204	2.804 #
20)	A Methoxychlor	6.962	7.560	1180019	12269278	2.093	2.652 #
21)	B Endrin ke...	7.199	7.708	2777092	26994808	2.248	2.926 #
22)	Mirex	7.391	8.163	3446304	19974839	3.476	3.289
23)	Chlordane-1	4.388f	4.981	31218	4608112	0.864	11.121 #
24)	Chlordane-2	0.000	5.426f	0	73339	N.D.	0.182 #
25)	Chlordane-3	5.435	6.087	3060770	34726435	24.412	19.955
26)	Chlordane-4	5.493	6.159	2929443	32046583	28.069	15.891 #
27)	Chlordane-5	6.323	0.000	3756365	0	77.559	N.D. #

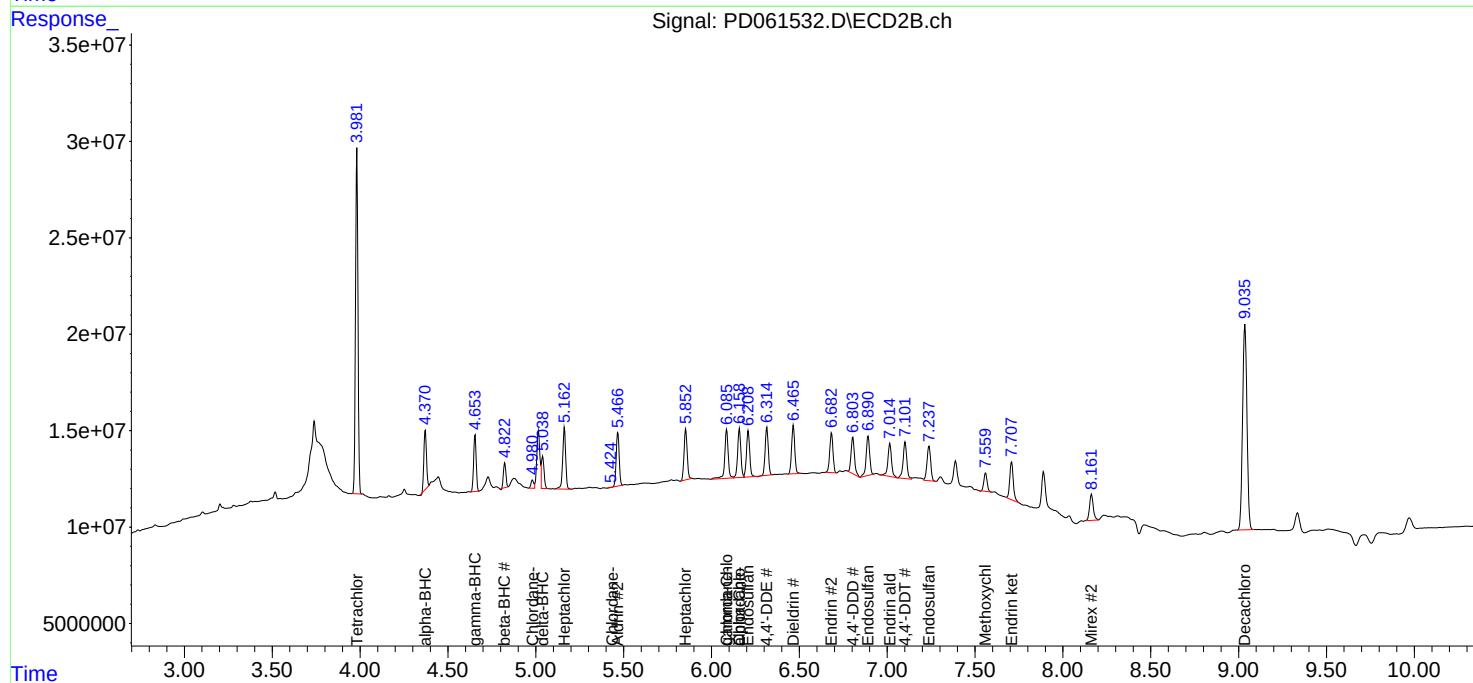
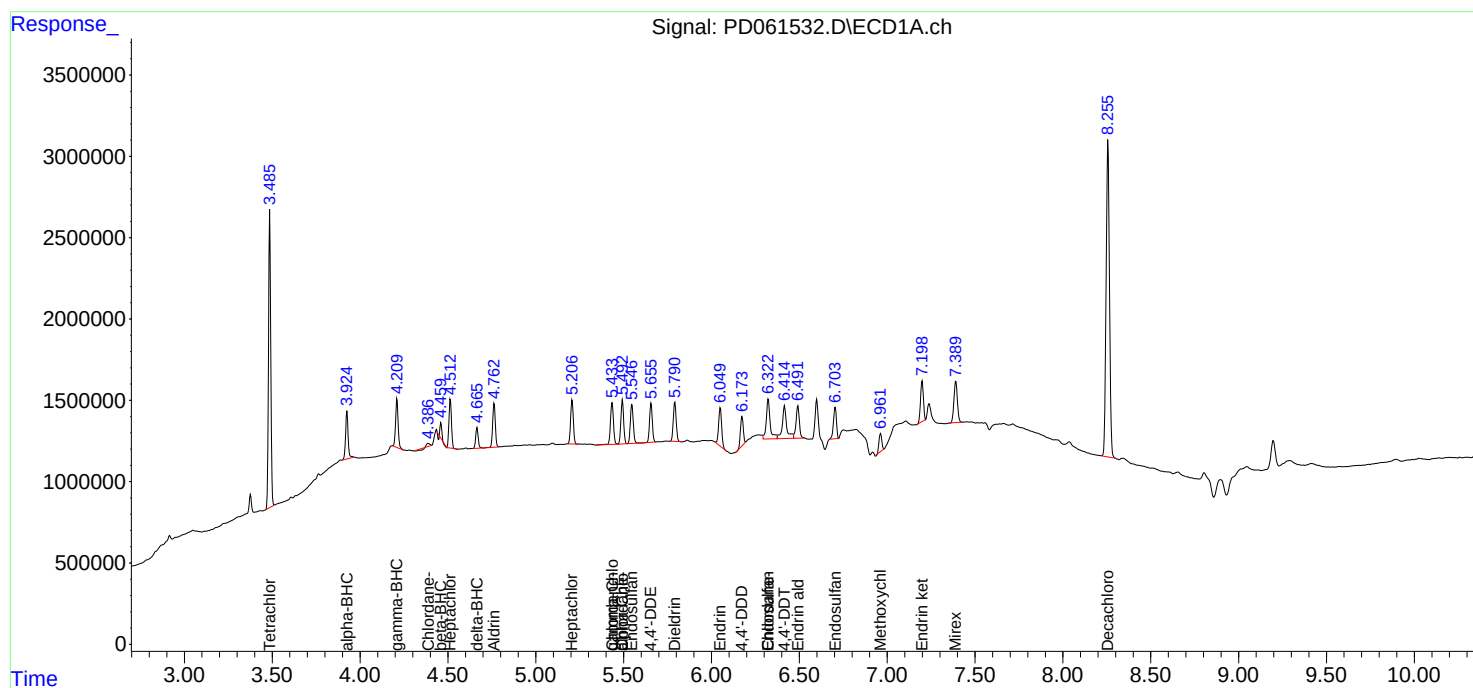
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

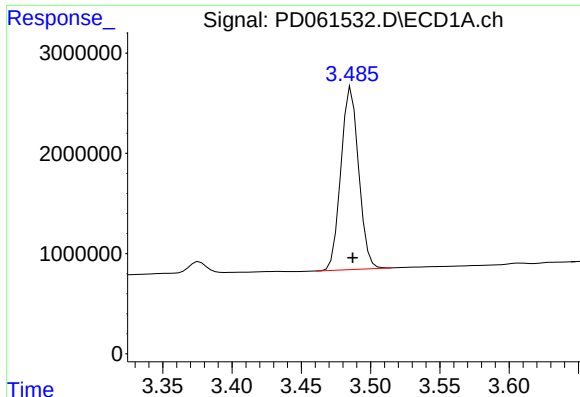
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
Data File : PD061532.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2021 18:13
Operator : AR\AJ
Sample : M1458-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 04:47:40 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
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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

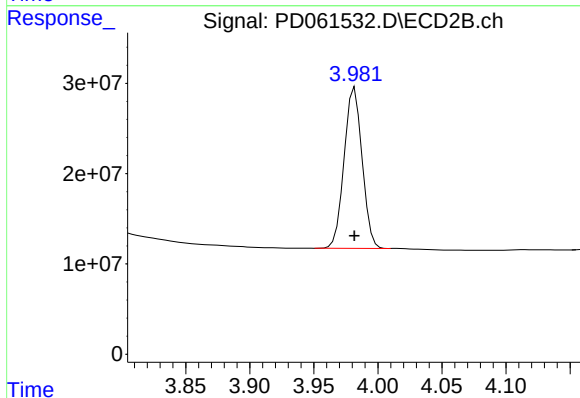




#1 Tetrachloro-m-xylene

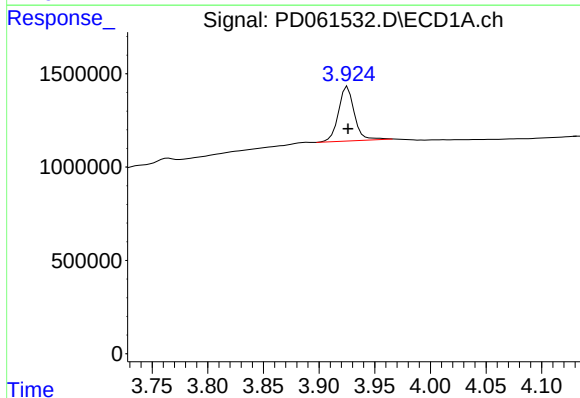
R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 16228491
Conc: 20.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



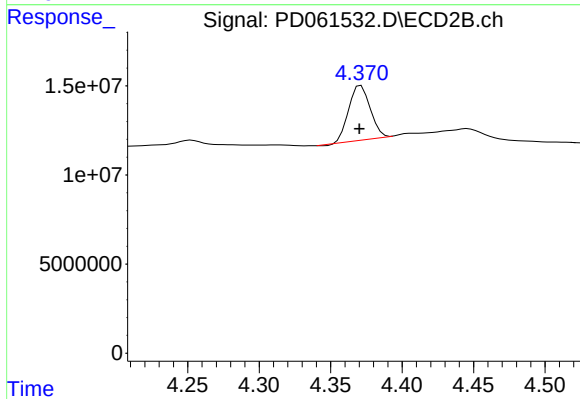
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 173910369
Conc: 20.84 ng/ml



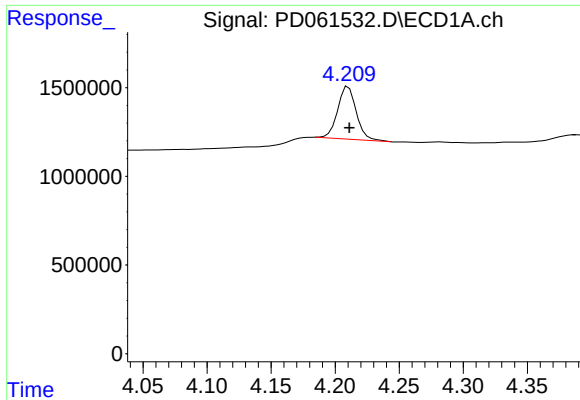
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 2918762
Conc: 2.37 ng/ml



#2 alpha-BHC

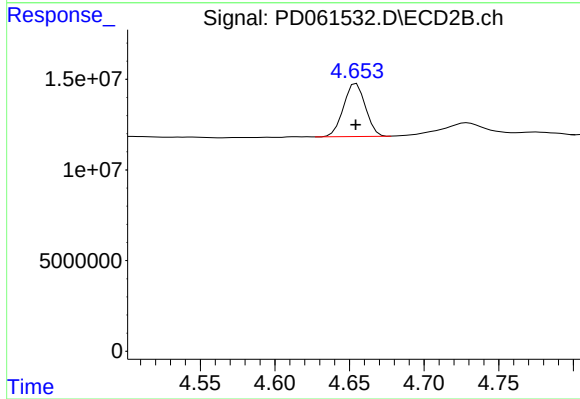
R.T.: 4.371 min
Delta R.T.: 0.001 min
Response: 31736831
Conc: 2.45 ng/ml



#3 gamma-BHC (Lindane)

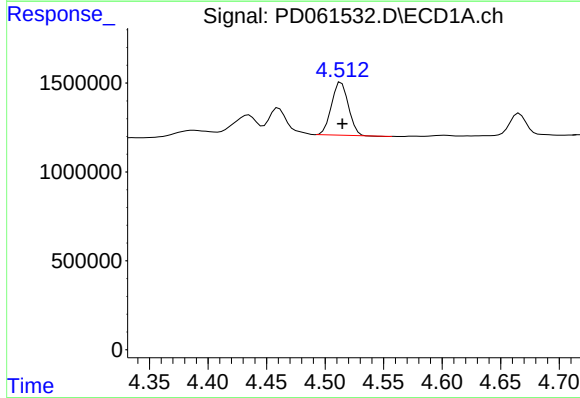
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 2981327
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



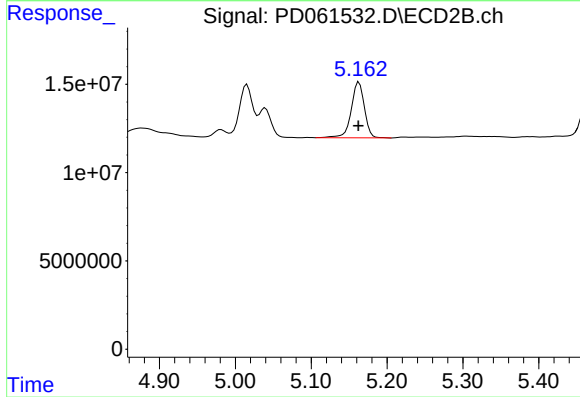
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 2995532
Conc: 2.47 ng/ml



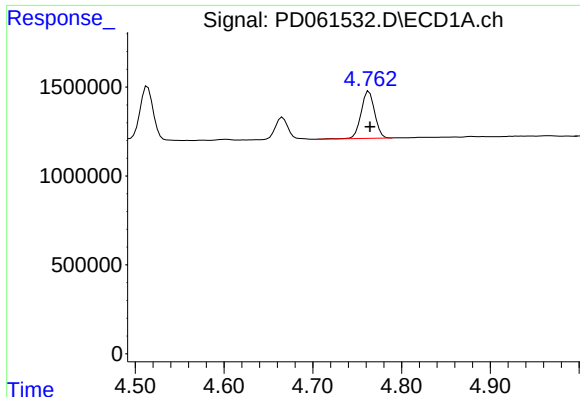
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 2899158
Conc: 2.34 ng/ml



#4 Heptachlor

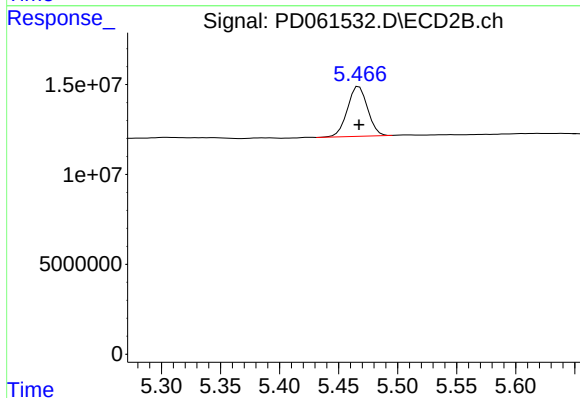
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 38078570
Conc: 2.99 ng/ml



#5 Aldrin

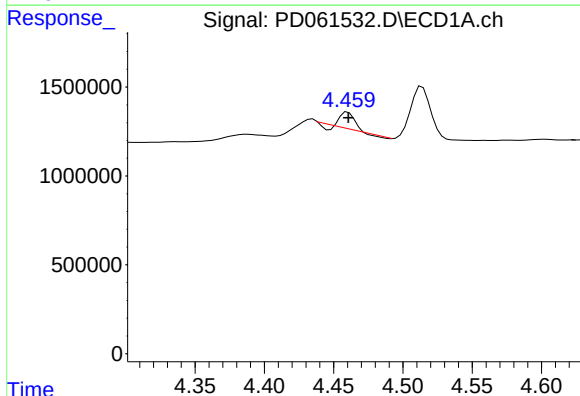
R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 2812674
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



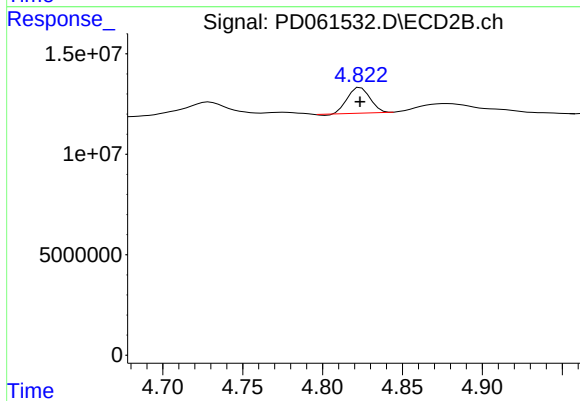
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 32786621
Conc: 2.74 ng/ml



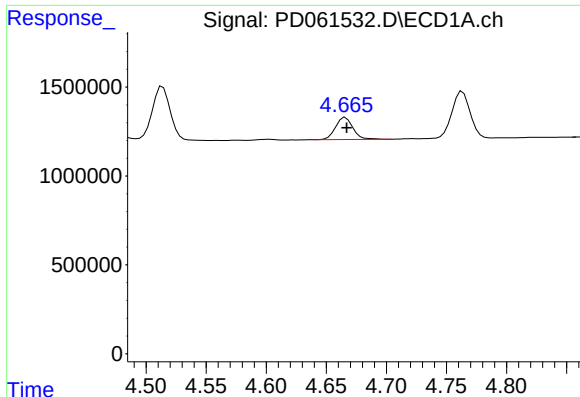
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 577277
Conc: 1.09 ng/ml



#6 beta-BHC

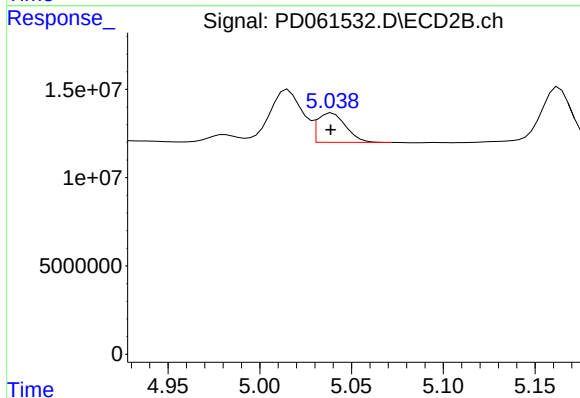
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 12522209
Conc: 2.57 ng/ml



#7 delta-BHC

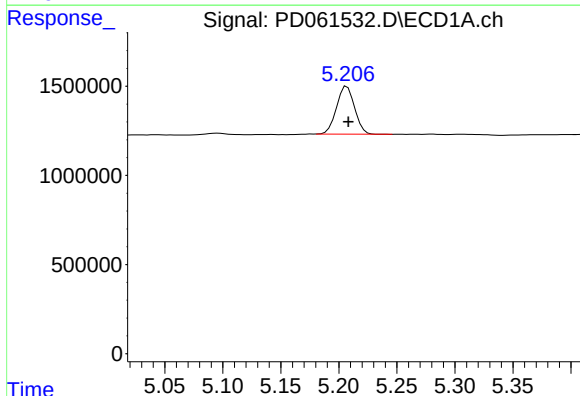
R.T.: 4.666 min
Delta R.T.: -0.001 min
Response: 1270144
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



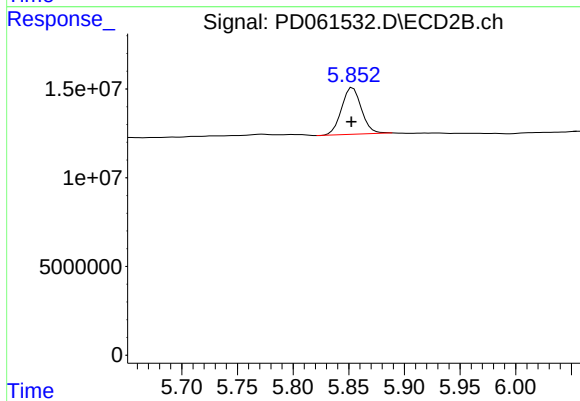
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 17607645
Conc: 1.47 ng/ml



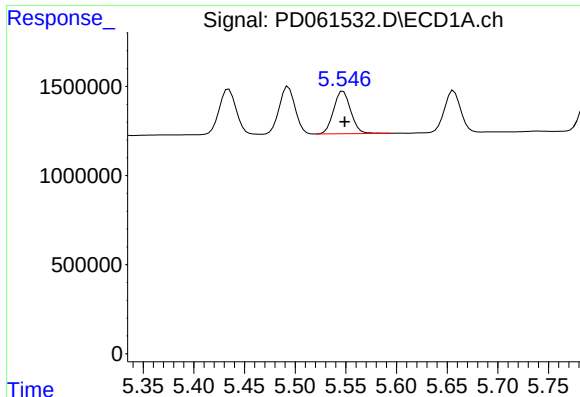
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: -0.001 min
Response: 2902493
Conc: 2.55 ng/ml



#8 Heptachlor epoxide

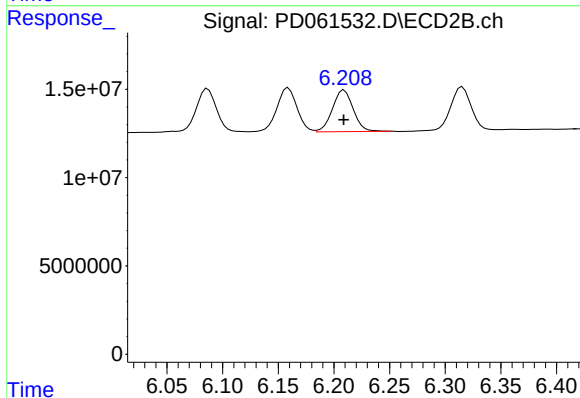
R.T.: 5.854 min
Delta R.T.: 0.001 min
Response: 32822192
Conc: 3.02 ng/ml



#9 Endosulfan I

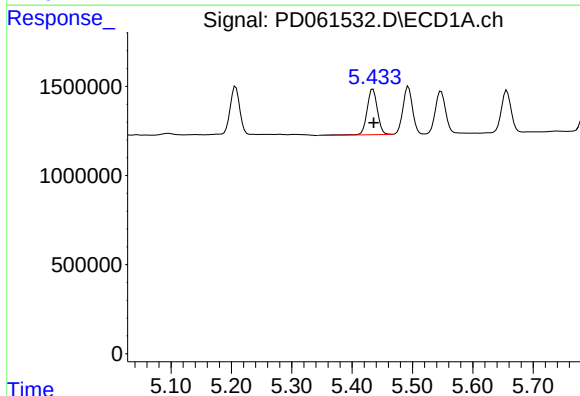
R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 2815705
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



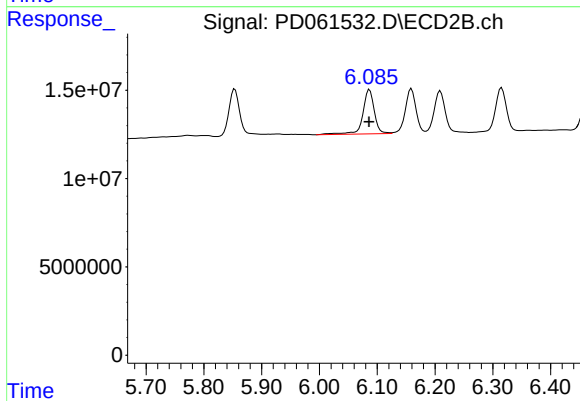
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 30584427
Conc: 2.94 ng/ml



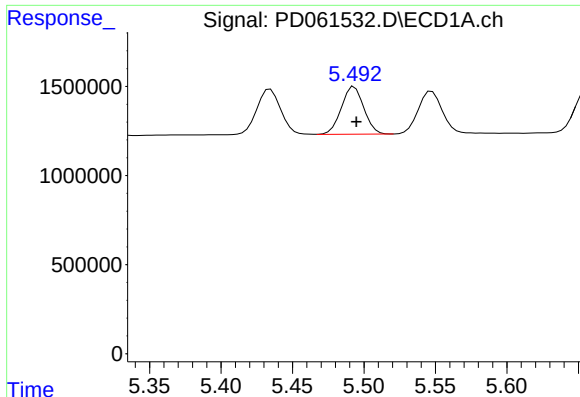
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 3060770
Conc: 2.63 ng/ml



#10 gamma-Chlordane

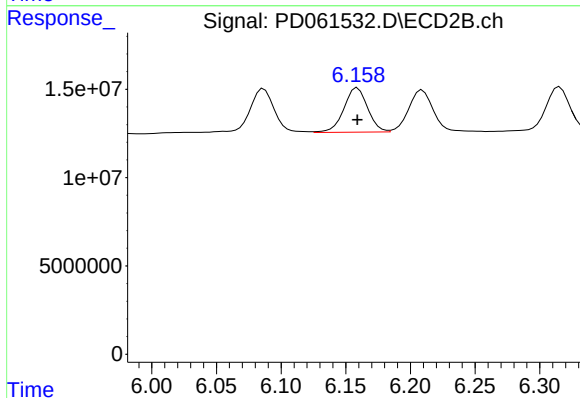
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 34726435
Conc: 3.07 ng/ml



#11 alpha-Chlordane

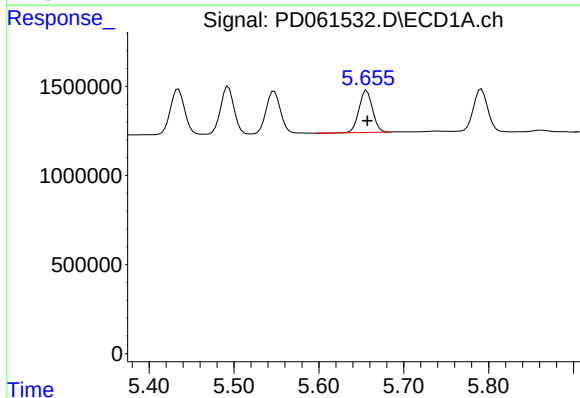
R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 2929443
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



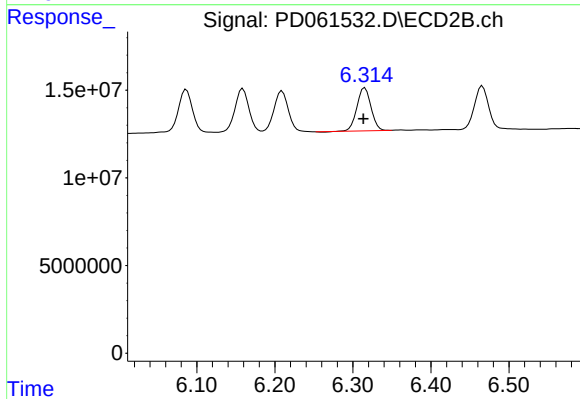
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 32046583
Conc: 2.94 ng/ml



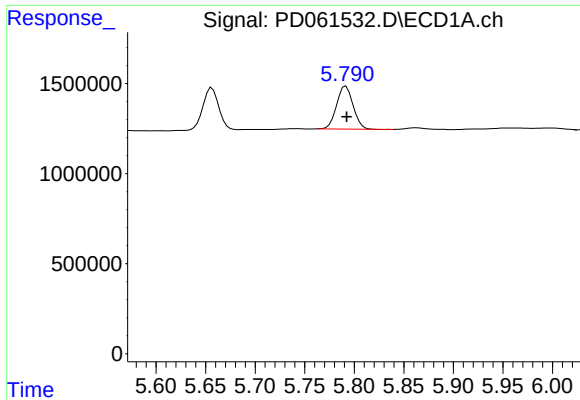
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2595393
Conc: 2.36 ng/ml



#12 4,4'-DDE

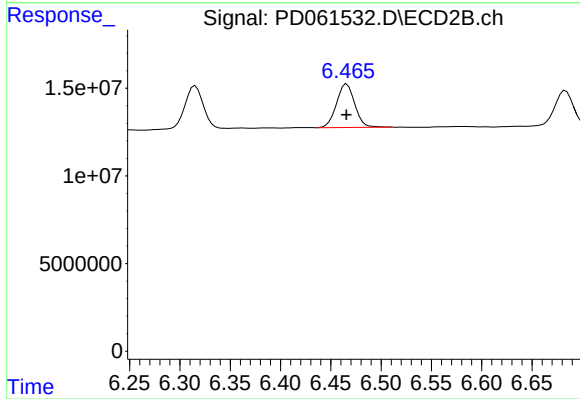
R.T.: 6.315 min
Delta R.T.: 0.002 min
Response: 30728442
Conc: 2.77 ng/ml



#13 Dieldrin

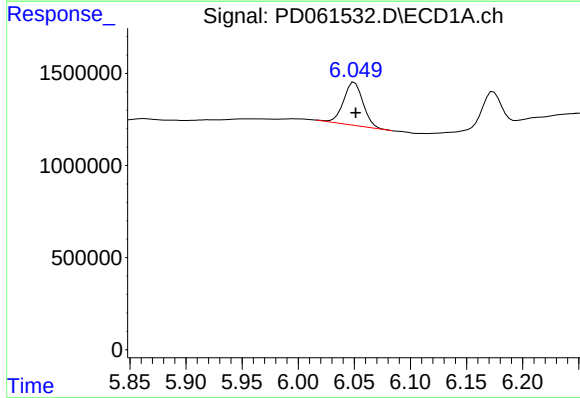
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 2748974
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



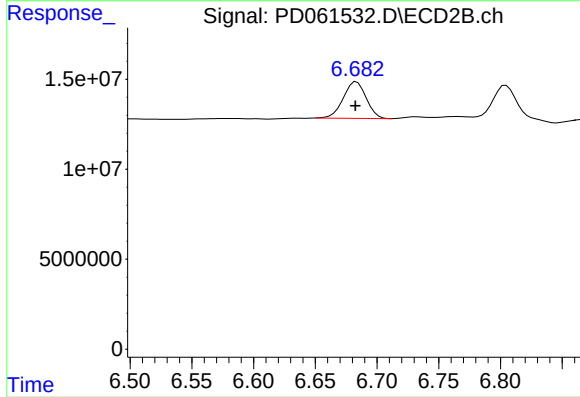
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 31302472
Conc: 2.83 ng/ml



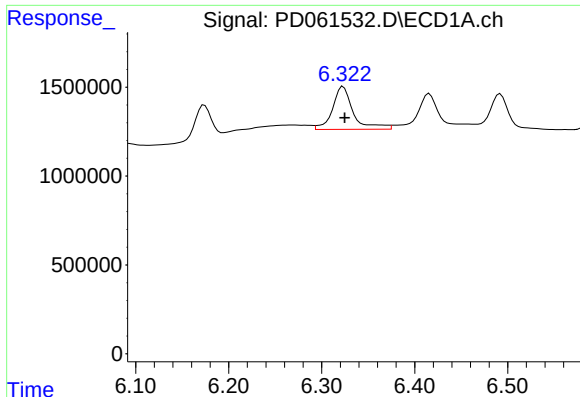
#14 Endrin

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 2774946
Conc: 2.63 ng/ml



#14 Endrin

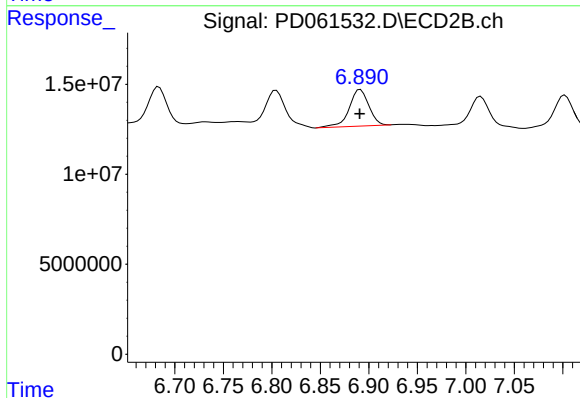
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 26322024
Conc: 2.81 ng/ml



#15 Endosulfan II

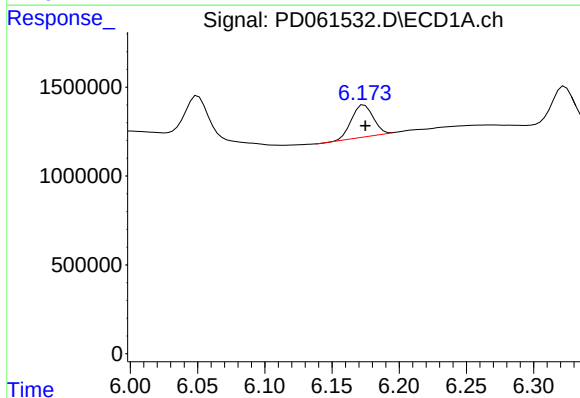
R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 3756365
Conc: 3.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



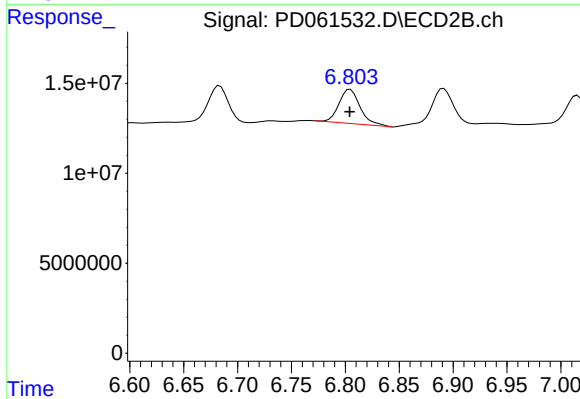
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 28602271
Conc: 3.20 ng/ml



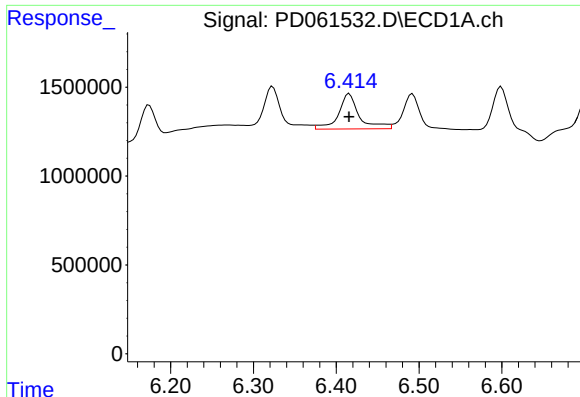
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 2001729
Conc: 2.15 ng/ml



#16 4,4'-DDD

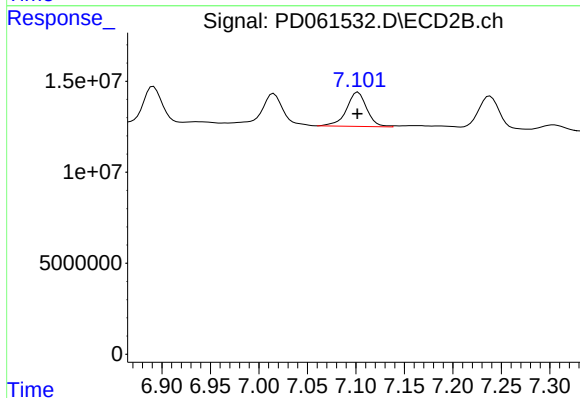
R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 25453127
Conc: 2.84 ng/ml



#17 4,4'-DDT

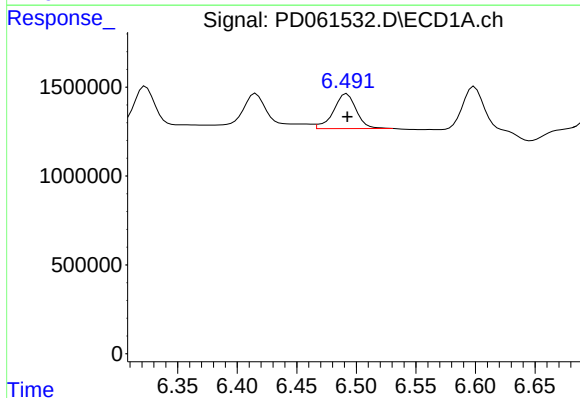
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 3473841
Conc: 3.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



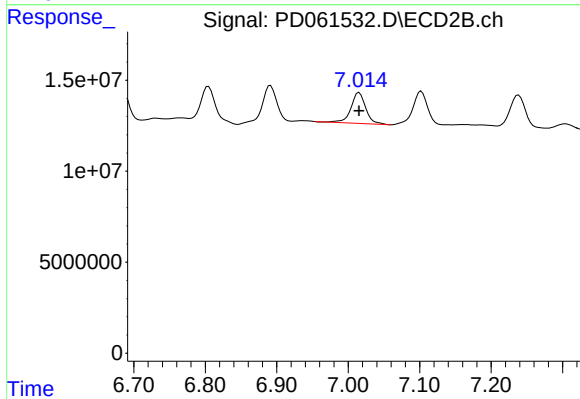
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 27511995
Conc: 2.97 ng/ml



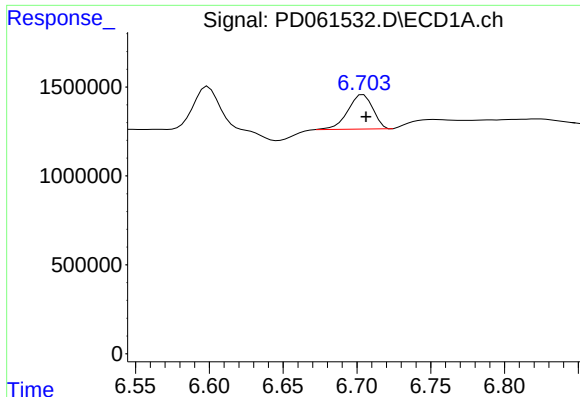
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 2616346
Conc: 3.17 ng/ml



#18 Endrin aldehyde

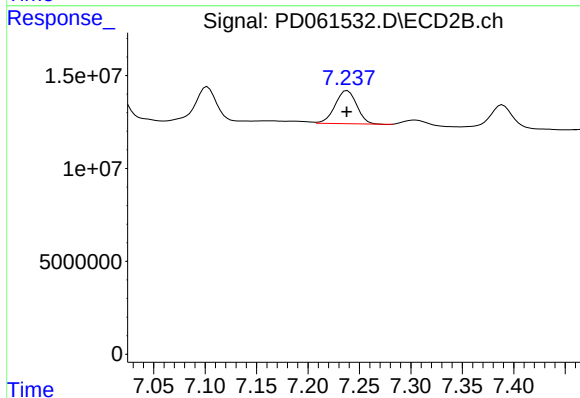
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 24544403
Conc: 3.42 ng/ml



#19 Endosulfan Sulfate

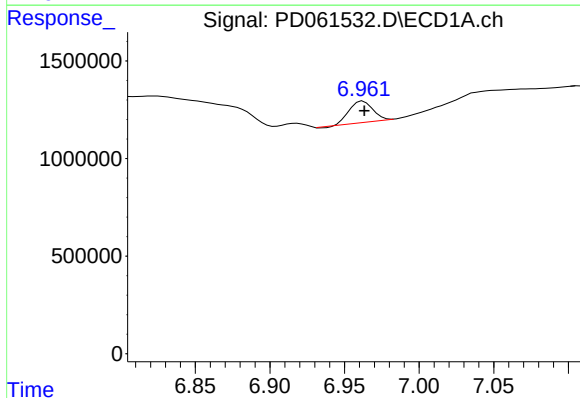
R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 2291218
Conc: 2.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



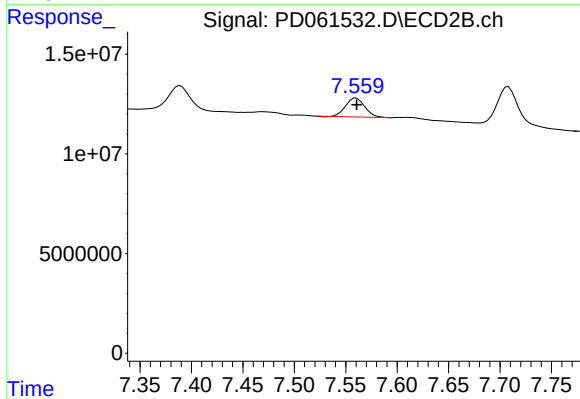
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 25830033
Conc: 2.80 ng/ml



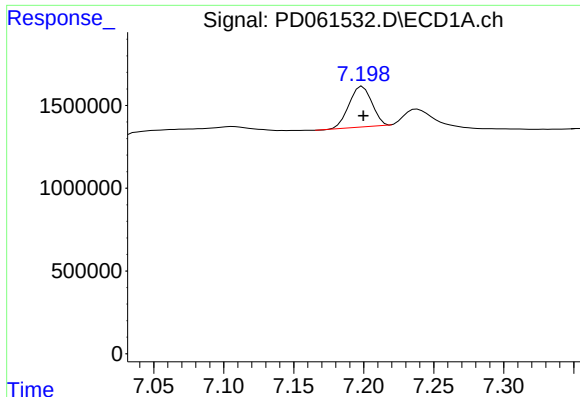
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 1180019
Conc: 2.09 ng/ml



#20 Methoxychlor

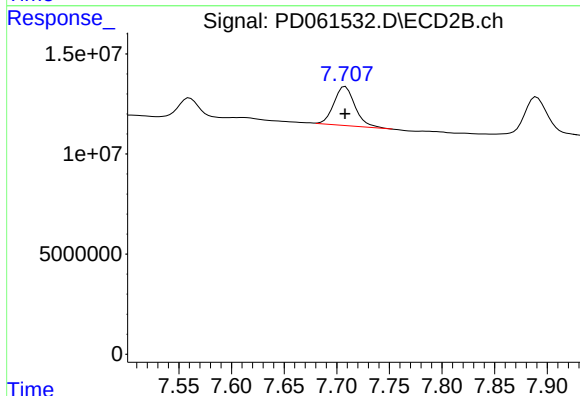
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 12269278
Conc: 2.65 ng/ml



#21 Endrin ketone

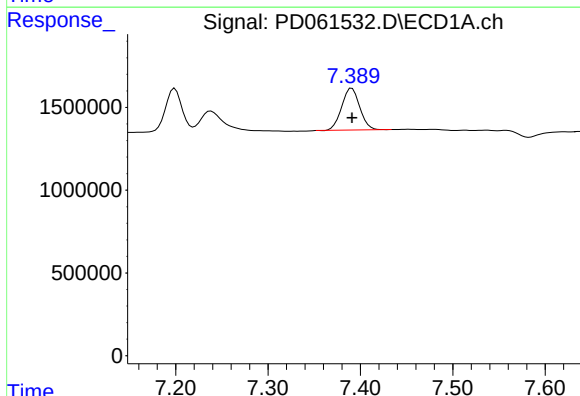
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 2777092
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



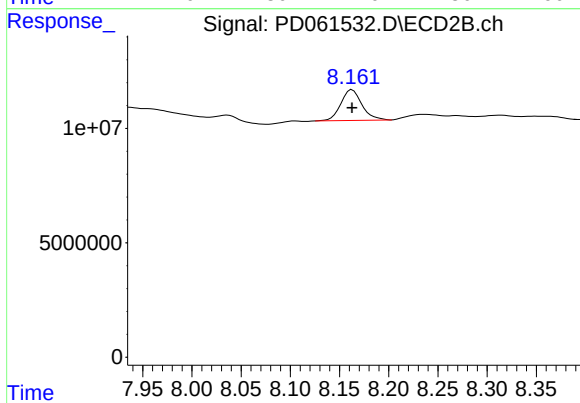
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 26994808
Conc: 2.93 ng/ml



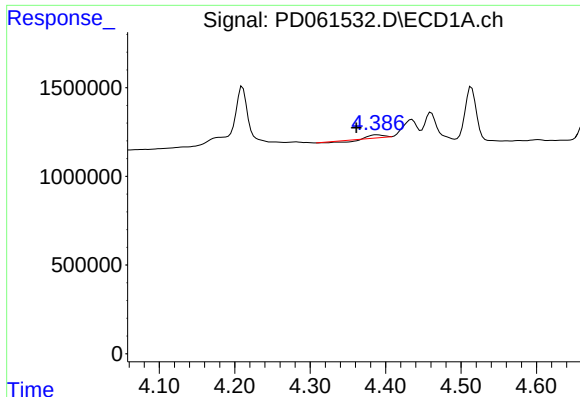
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 3446304
Conc: 3.48 ng/ml



#22 Mirex

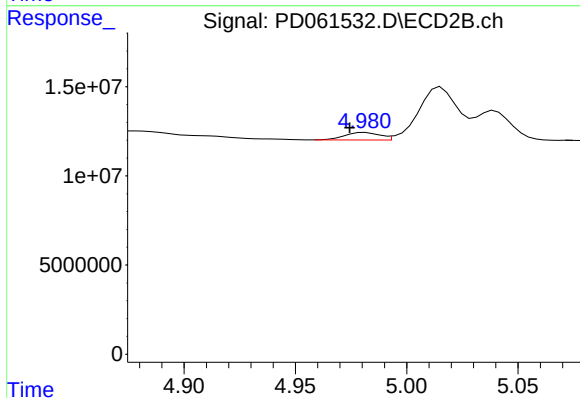
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 19974839
Conc: 3.29 ng/ml



#23 Chlordane-1

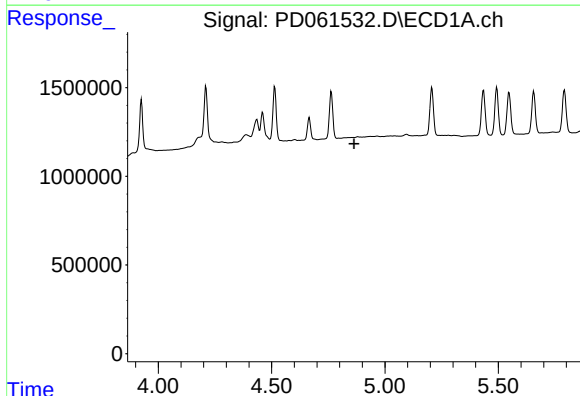
R.T.: 4.388 min
Delta R.T.: 0.027 min
Response: 31218
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



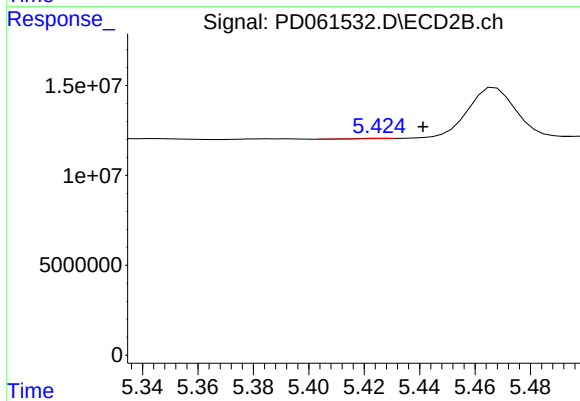
#23 Chlordane-1

R.T.: 4.981 min
Delta R.T.: 0.007 min
Response: 4608112
Conc: 11.12 ng/ml



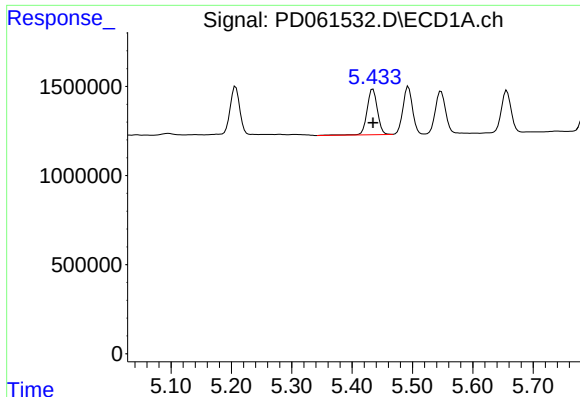
#24 Chlordane-2

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



#24 Chlordane-2

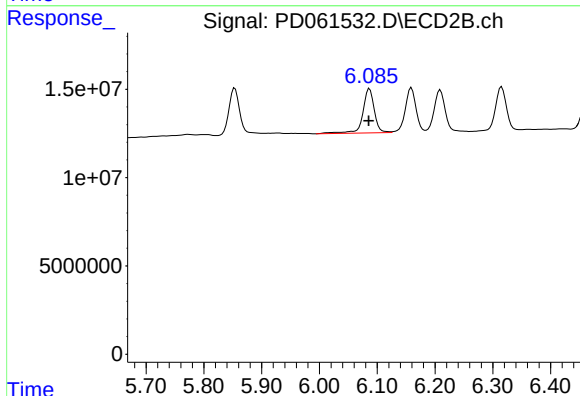
R.T.: 5.426 min
Delta R.T.: -0.015 min
Response: 73339
Conc: 0.18 ng/ml



#25 Chlordane-3

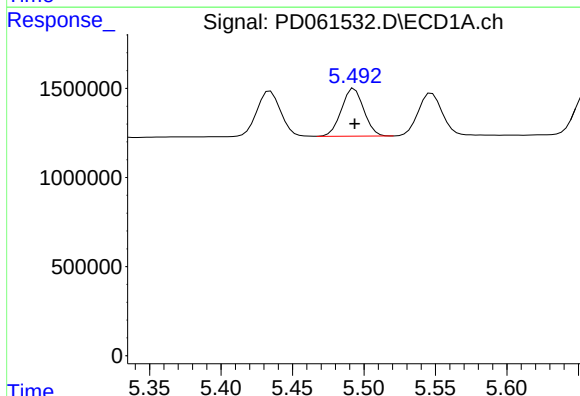
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 3060770
Conc: 24.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



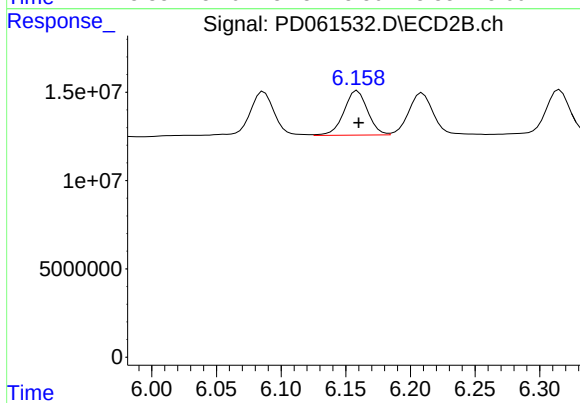
#25 Chlordane-3

R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 34726435
Conc: 19.96 ng/ml



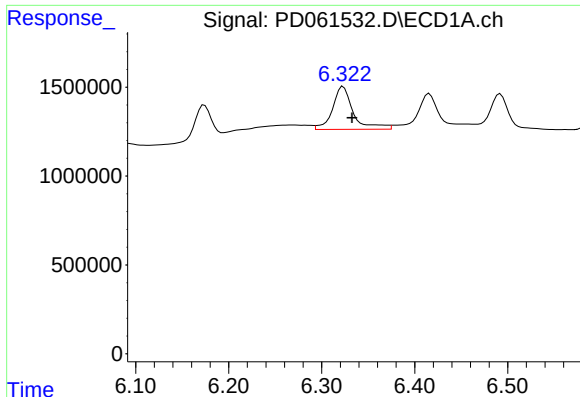
#26 Chlordane-4

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 2929443
Conc: 28.07 ng/ml



#26 Chlordane-4

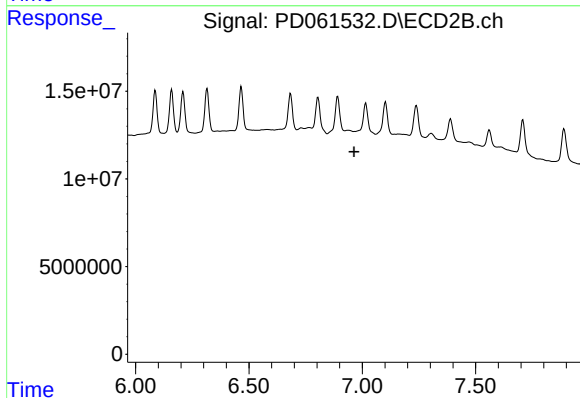
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 32046583
Conc: 15.89 ng/ml



#27 Chlordane-5

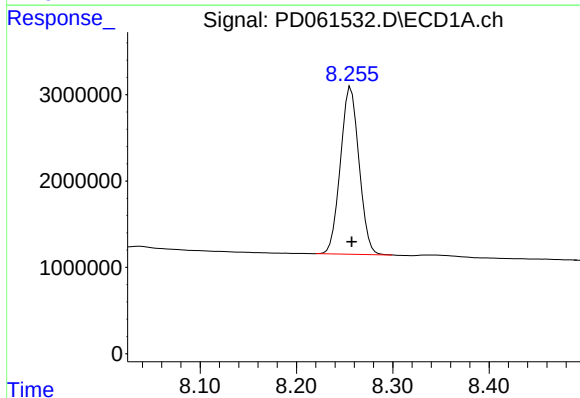
R.T.: 6.323 min
Delta R.T.: -0.009 min
Response: 3756365
Conc: 77.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



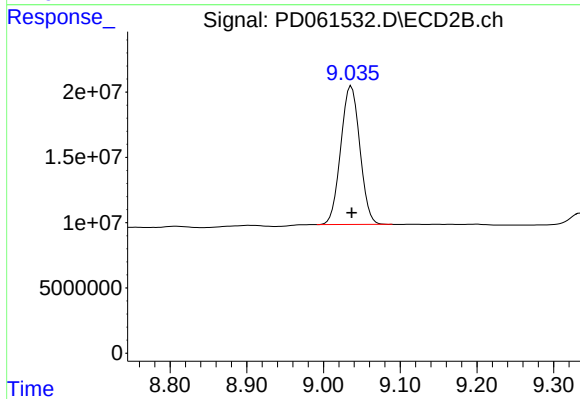
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 25906866
Conc: 21.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 184465189
Conc: 21.38 ng/ml