

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
 Data File : PD089488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 19:42
 Operator : AR\AJ
 Sample : 02558-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-TS-Grillo-OG-070925

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 08:18:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.549	2.880	28270339	188.0E6	9.909	11.088
2)	SA Decachlor...	9.070	8.069	26938948	152.5E6	6.859	7.714
Target Compounds							
2)	A alpha-BHC	0.000	3.403	0	8736942	N.D.	0.326 #
3)	MA gamma-BHC...	4.330	3.729	299955	742578	0.054	0.030 #
4)	MA Heptachlor	4.952f	4.081	11277742	29092894	2.069	1.162 #
5)	MB Aldrin	0.000	4.367	0	12052075	N.D.	0.498 #
6)	B beta-BHC	4.538f	4.024	477610	9253280	0.216	0.861 #
7)	B delta-BHC	4.779f	4.263	547391	2101256	0.107	0.084
8)	B Heptachlo...	5.670f	4.871	1509539	33060226	0.313	1.510 #
9)	A Endosulfan I	0.000	5.252	0	11561060	N.D.	0.555 #
10)	B gamma-Chl...	5.945	5.124	34050398	139.3E6	7.111	5.824
11)	B alpha-Chl...	6.028	5.188	65605708	235.9E6	13.559	10.304
12)	B 4,4'-DDE	6.193	5.373	31326163	188.8E6	7.183	8.238
13)	MA Dieldrin	0.000	5.508	0	28427366	N.D.	1.225 #
14)	MA Endrin	6.573	5.793	694387	19502044	0.168	0.898 #
15)	B Endosulfa...	6.792	6.088	223270	57346544	0.055	2.839 #
16)	A 4,4'-DDD	6.702	5.927	6913519	33894490	2.014	1.772
17)	MA 4,4'-DDT	7.018	6.181	22210651	163.0E6	5.863	8.038 #
18)	B Endrin al...	6.928	6.276f	1615172	36552470	0.527	2.387 #
19)	B Endosulfa...	0.000	6.479	0	11119143	N.D.	0.567 #
20)	A Methoxychlor	0.000	6.734f	0	1237850	N.D.	0.115 #
21)	B Endrin ke...	7.614f	7.020f	745167	13191230	0.183	0.611 #
22)	Mirex	0.000	7.189	0	18936080	N.D.	1.135 #
23)	Chlordane-1	4.712	3.904	7937256	83608757	37.086	89.685 #
24)	Chlordane-2	5.237	4.488	14673178	67178749	67.211	70.594
25)	Chlordane-3	5.945	5.124	34050398	139.3E6	39.480	46.906
26)	Chlordane-4	6.028	5.188	65605708	235.9E6	62.440	94.121 #
27)	Chlordane-5	6.870	6.088	5279963	57346544	28.890	50.675 #

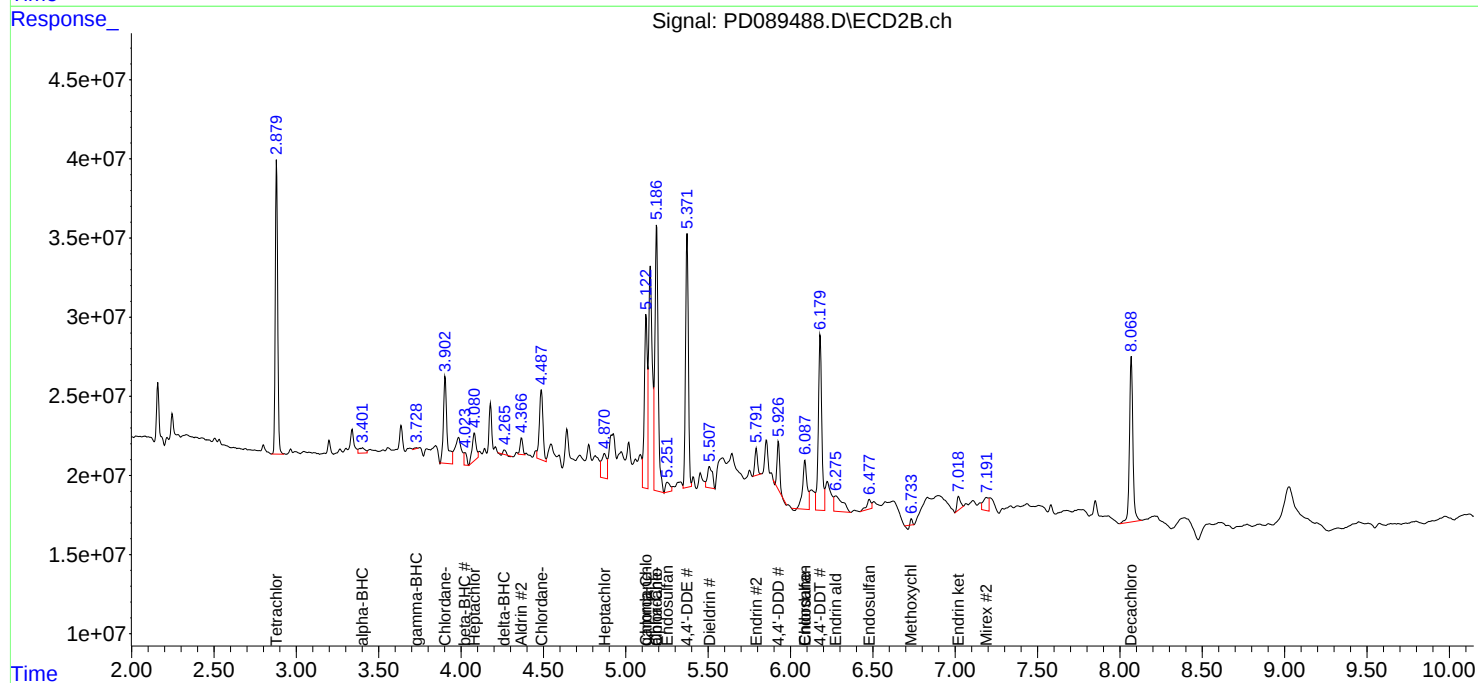
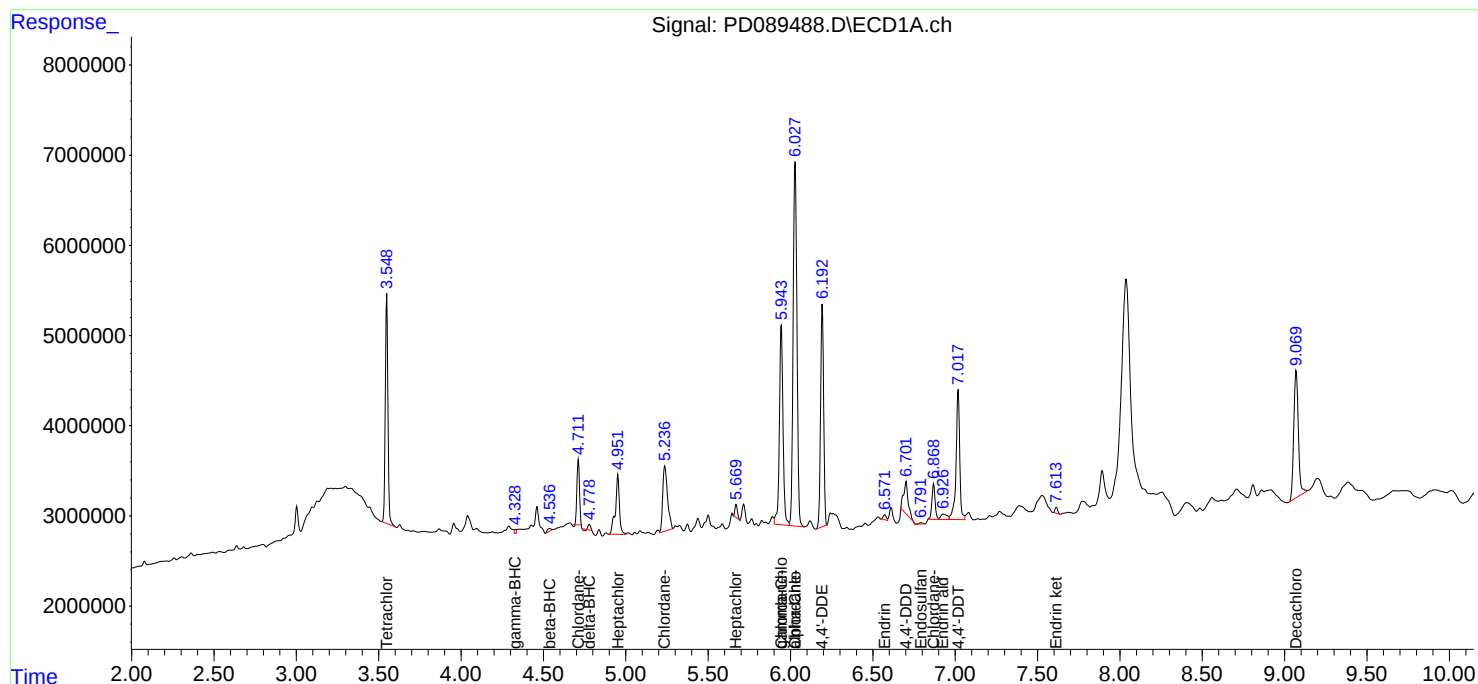
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

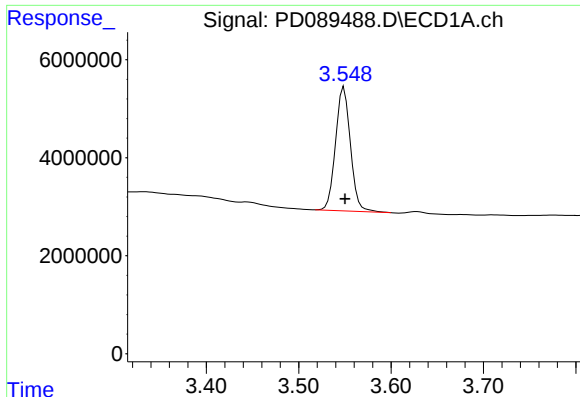
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
Data File : PD089488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2025 19:42
Operator : AR\AJ
Sample : 02558-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 08:18:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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

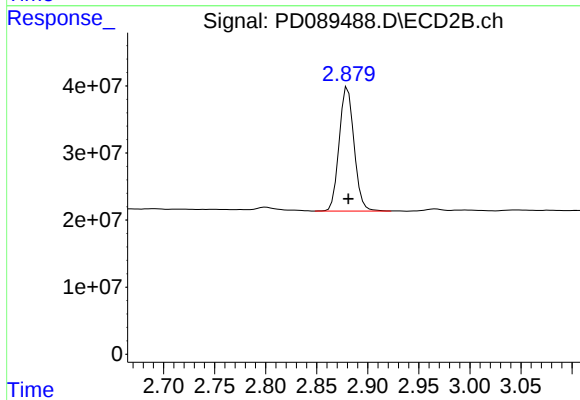




#1 Tetrachloro-m-xylene

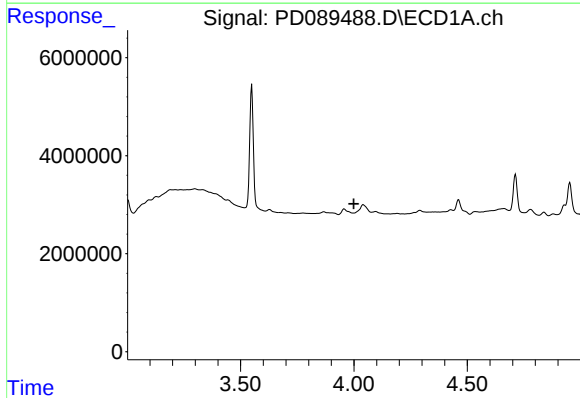
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 28270339
Conc: 9.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



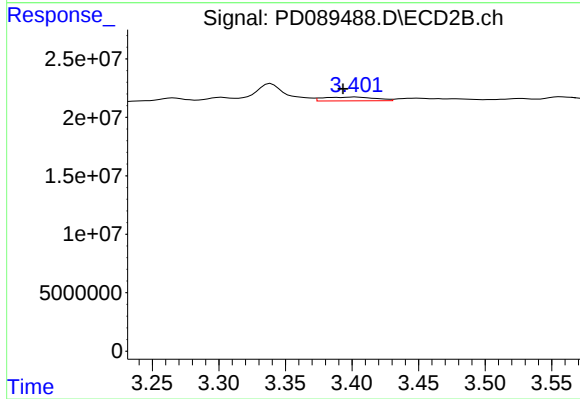
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 187971671
Conc: 11.09 ng/ml



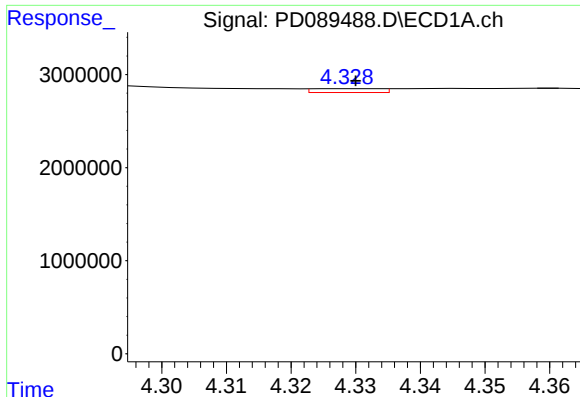
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.999 min
Response: 0
Conc: N.D.



#2 alpha-BHC

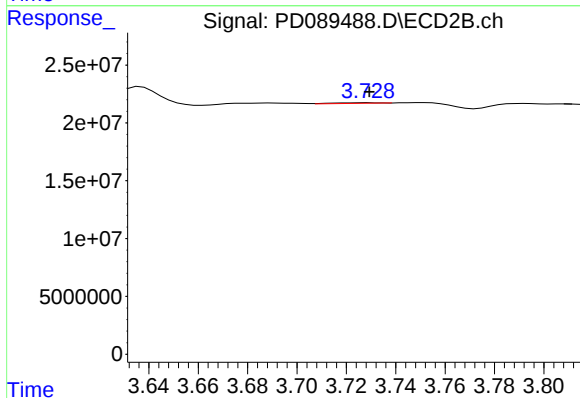
R.T.: 3.403 min
Delta R.T.: 0.010 min
Response: 8736942
Conc: 0.33 ng/ml



#3 gamma-BHC (Lindane)

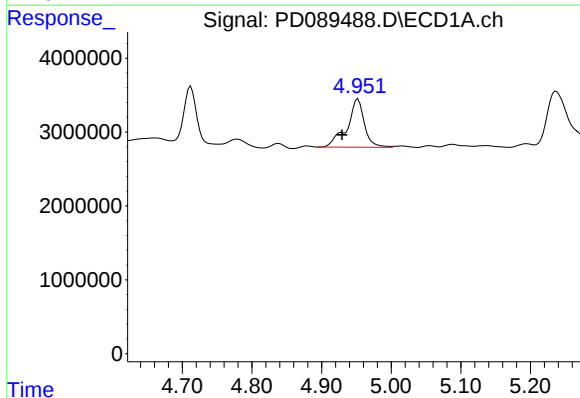
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 299955
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



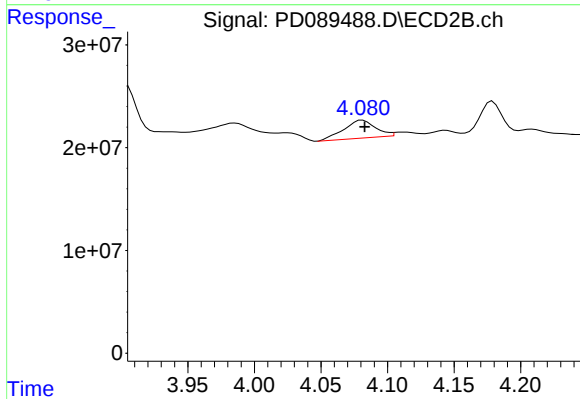
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 742578
Conc: 0.03 ng/ml



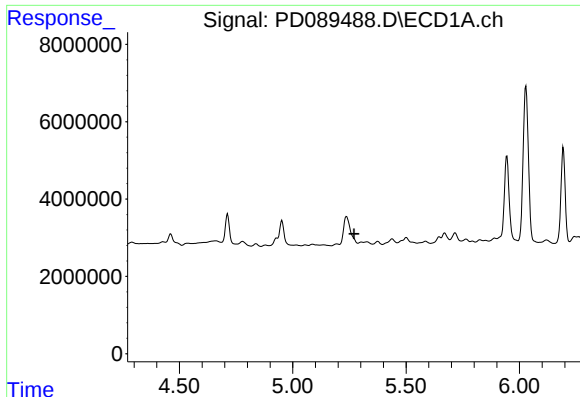
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.023 min
Response: 11277742
Conc: 2.07 ng/ml



#4 Heptachlor

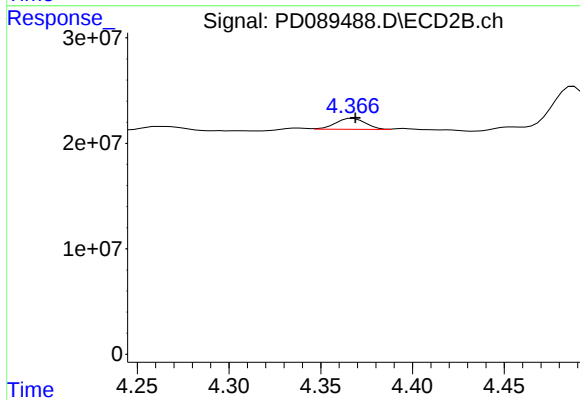
R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 29092894
Conc: 1.16 ng/ml



#5 Aldrin

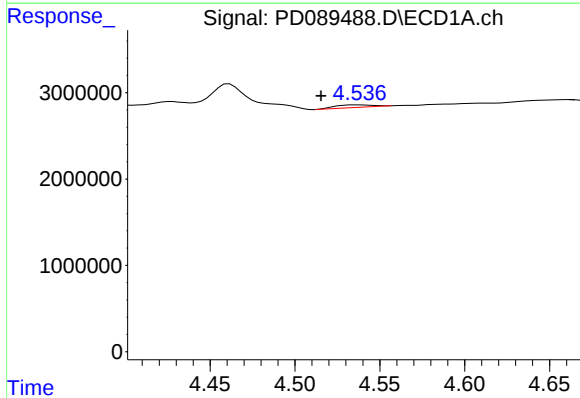
R.T.: 0.000 min
Exp R.T.: 5.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



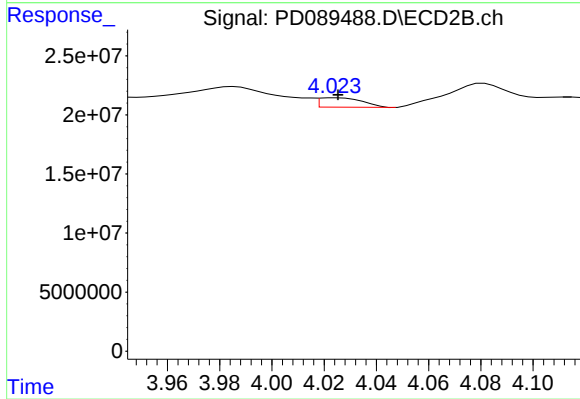
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 12052075
Conc: 0.50 ng/ml



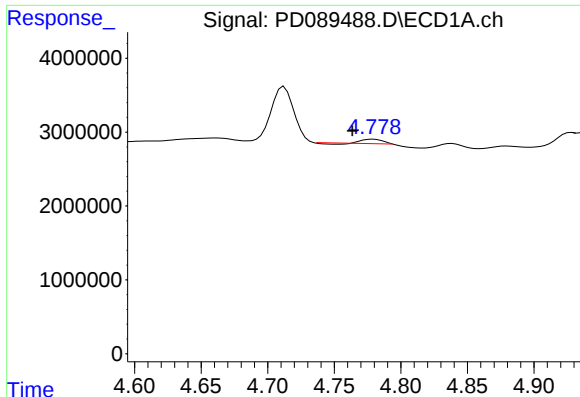
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.022 min
Response: 477610
Conc: 0.22 ng/ml



#6 beta-BHC

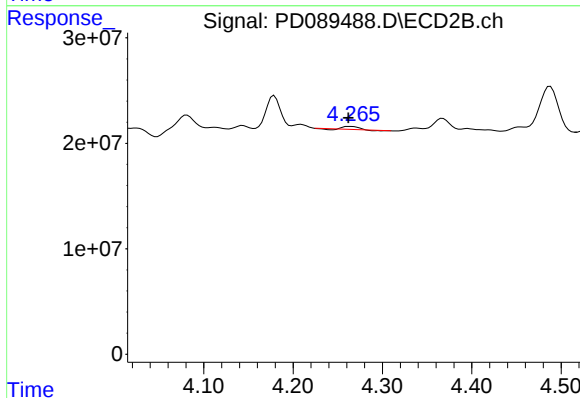
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 9253280
Conc: 0.86 ng/ml



#7 delta-BHC

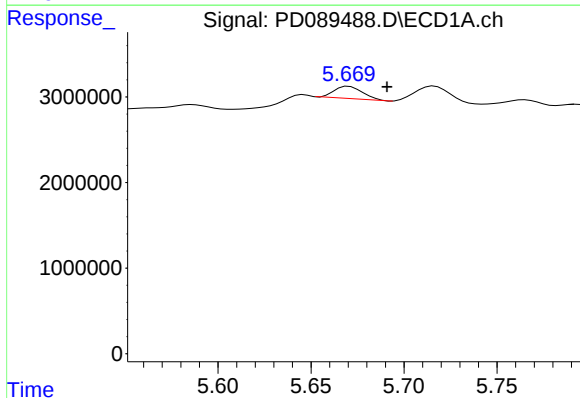
R.T.: 4.779 min
Delta R.T.: 0.016 min
Response: 547391
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



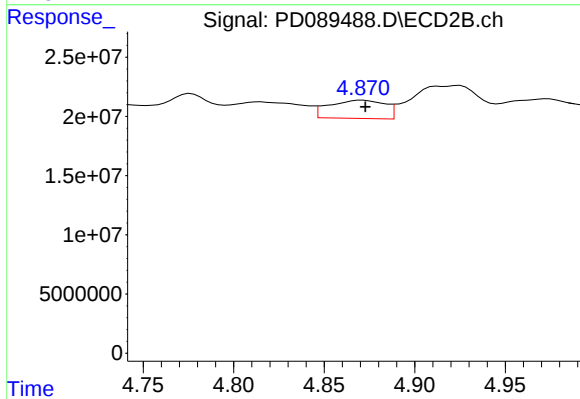
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 2101256
Conc: 0.08 ng/ml



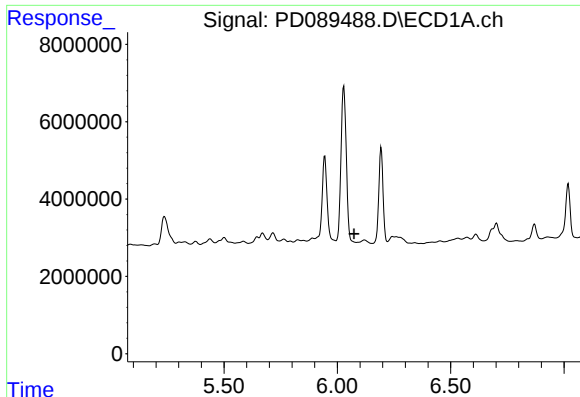
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.021 min
Response: 1509539
Conc: 0.31 ng/ml



#8 Heptachlor epoxide

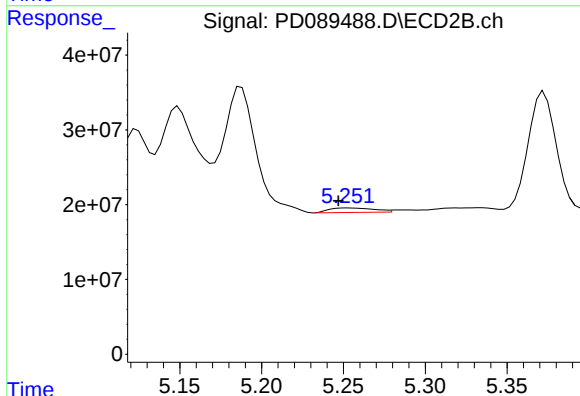
R.T.: 4.871 min
Delta R.T.: -0.001 min
Response: 33060226
Conc: 1.51 ng/ml



#9 Endosulfan I

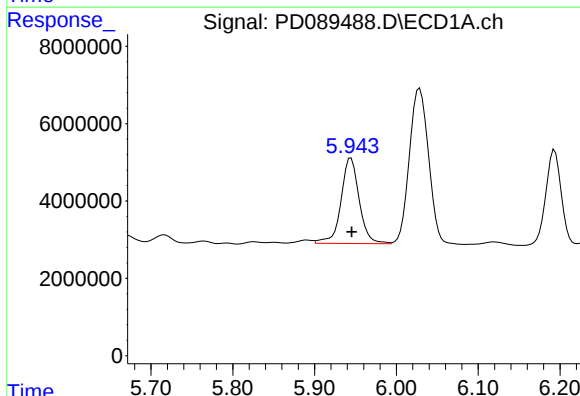
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



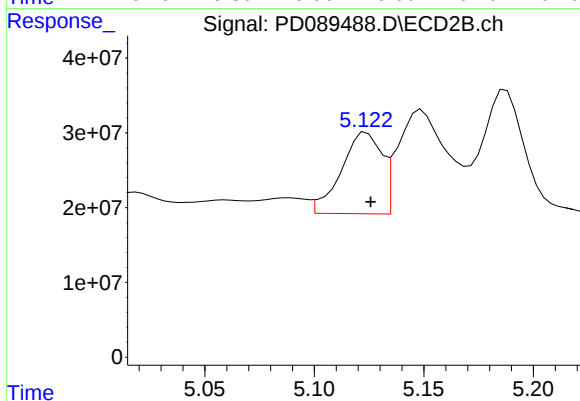
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.005 min
Response: 11561060
Conc: 0.55 ng/ml



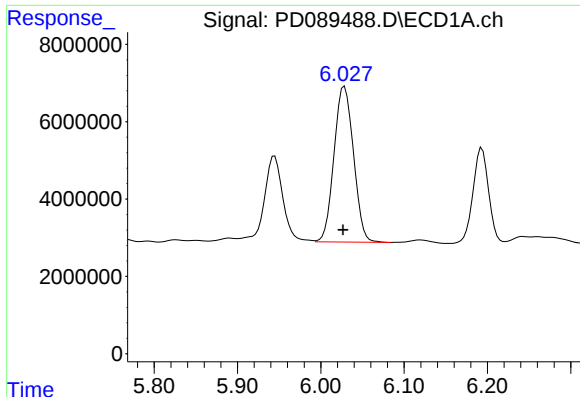
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 34050398
Conc: 7.11 ng/ml



#10 gamma-Chlordane

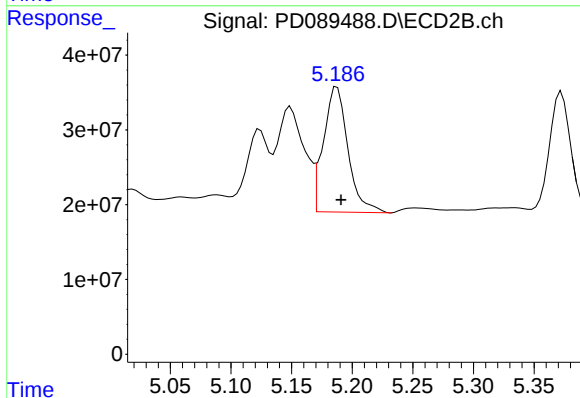
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 139319004
Conc: 5.82 ng/ml



#11 alpha-Chlordane

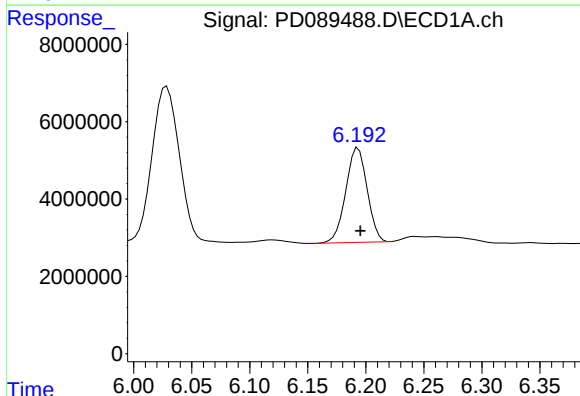
R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 65605708
Conc: 13.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



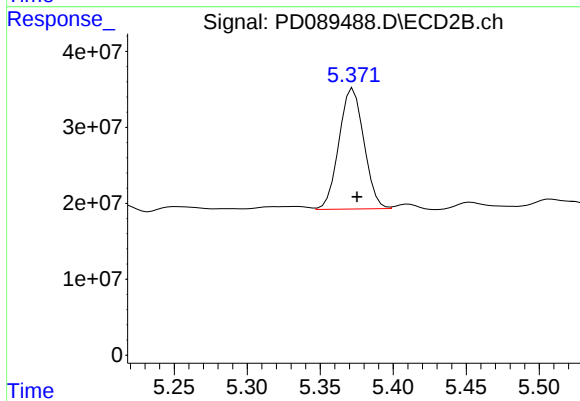
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 235935605
Conc: 10.30 ng/ml



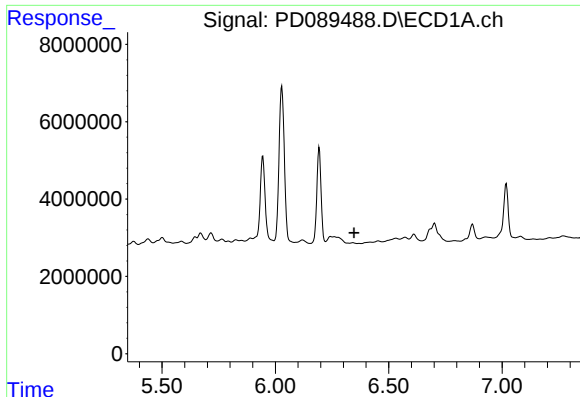
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 31326163
Conc: 7.18 ng/ml



#12 4,4'-DDE

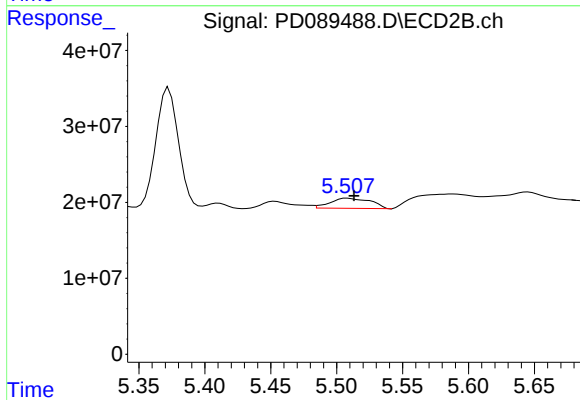
R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 188778868
Conc: 8.24 ng/ml



#13 Dieldrin

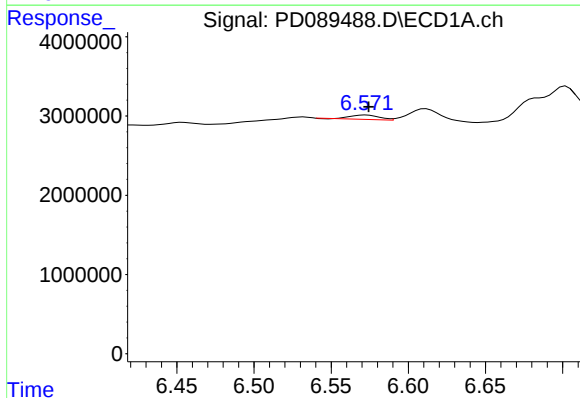
R.T.: 0.000 min
Exp R.T.: 6.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



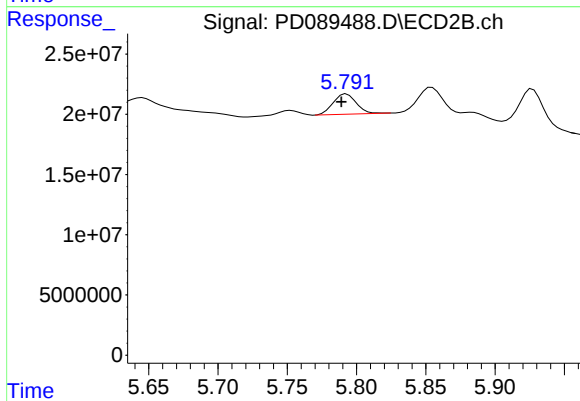
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.005 min
Response: 28427366
Conc: 1.22 ng/ml



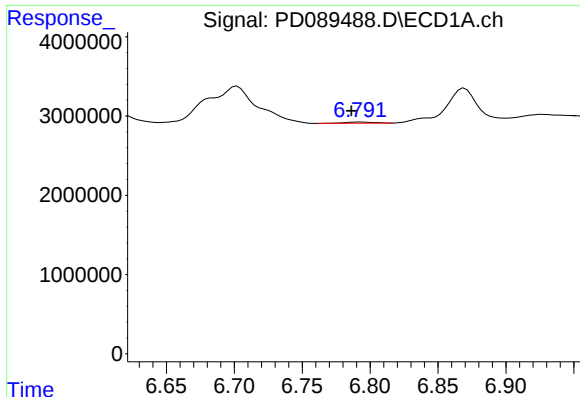
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 694387
Conc: 0.17 ng/ml



#14 Endrin

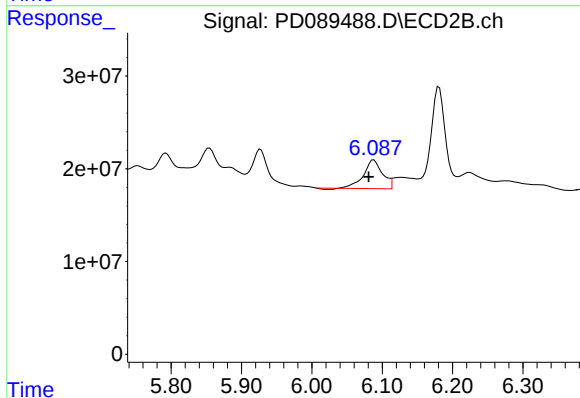
R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 19502044
Conc: 0.90 ng/ml



#15 Endosulfan II

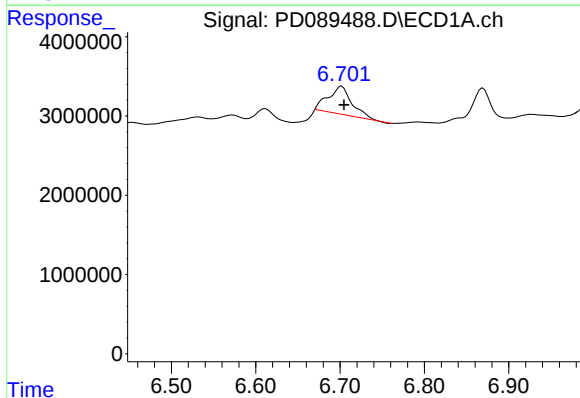
R.T.: 6.792 min
Delta R.T.: 0.006 min
Response: 223270
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



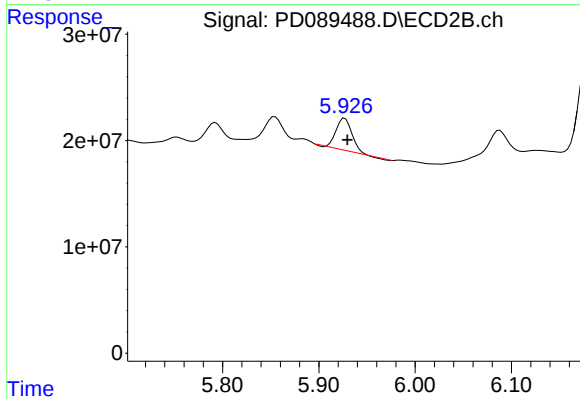
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.007 min
Response: 57346544
Conc: 2.84 ng/ml



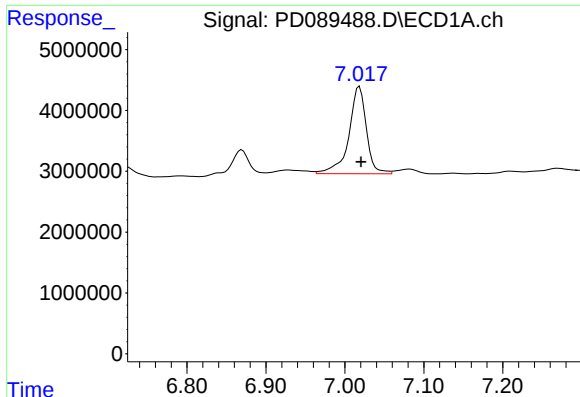
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 6913519
Conc: 2.01 ng/ml



#16 4,4'-DDD

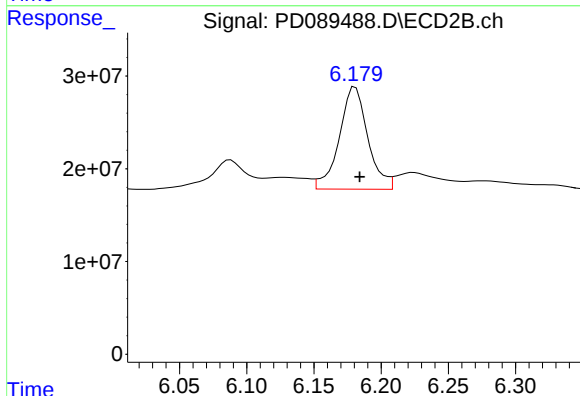
R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 33894490
Conc: 1.77 ng/ml



#17 4,4'-DDT

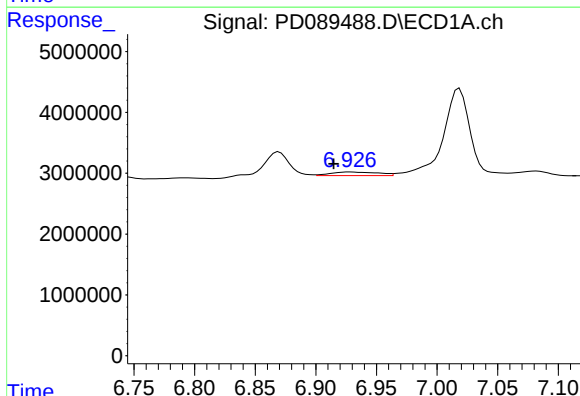
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 22210651
Conc: 5.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



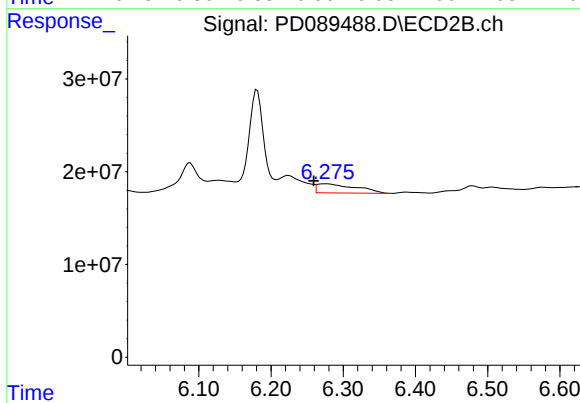
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 162997755
Conc: 8.04 ng/ml



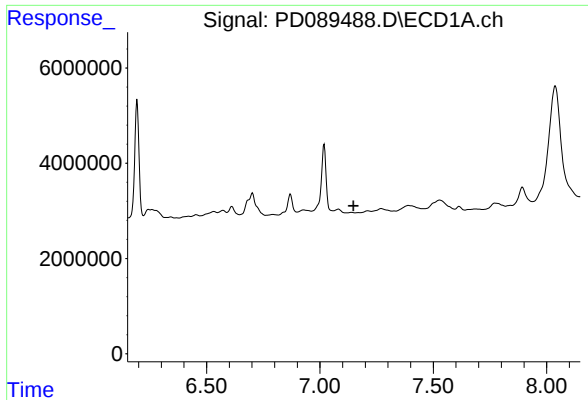
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.013 min
Response: 1615172
Conc: 0.53 ng/ml



#18 Endrin aldehyde

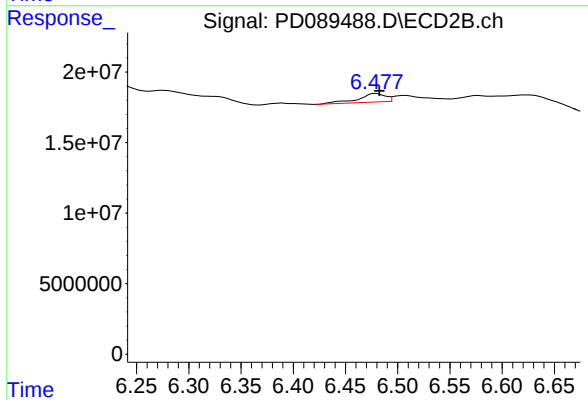
R.T.: 6.276 min
Delta R.T.: 0.016 min
Response: 36552470
Conc: 2.39 ng/ml



#19 Endosulfan Sulfate

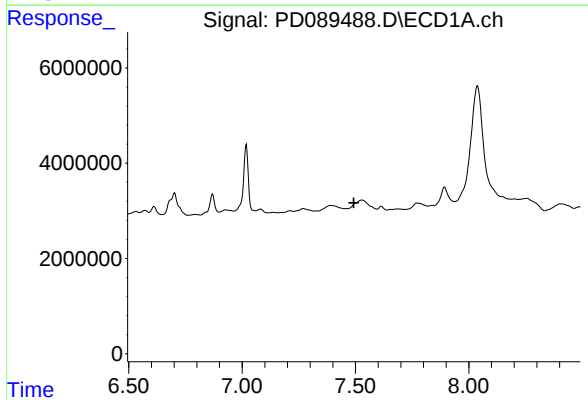
R.T.: 0.000 min
Exp R.T. : 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



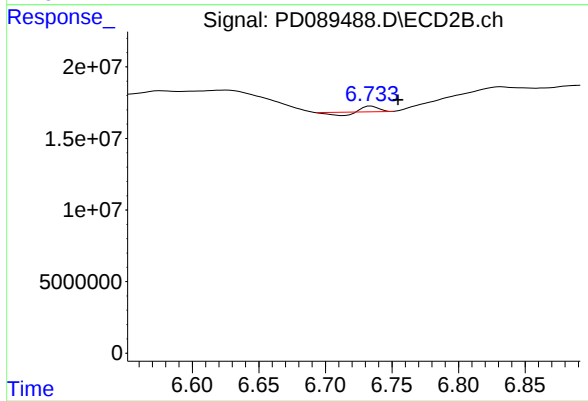
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.003 min
Response: 11119143
Conc: 0.57 ng/ml



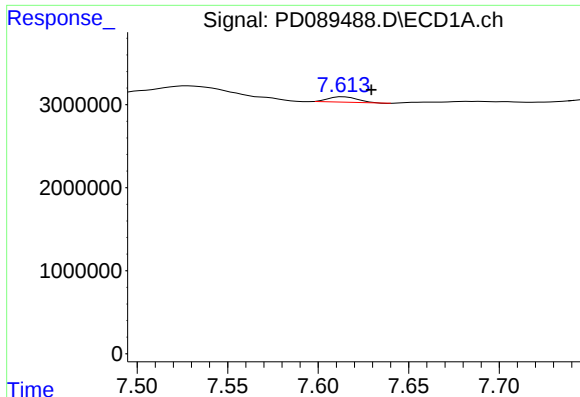
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.493 min
Response: 0
Conc: N.D.



#20 Methoxychlor

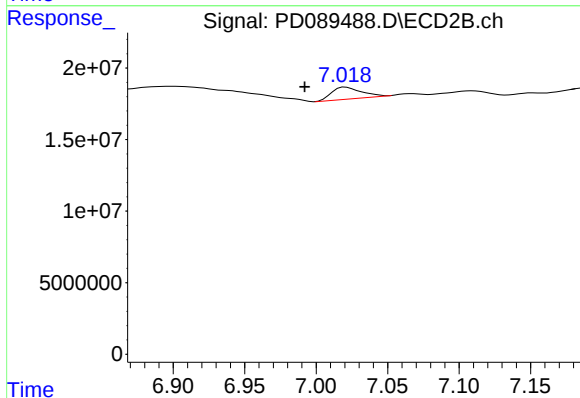
R.T.: 6.734 min
Delta R.T.: -0.020 min
Response: 1237850
Conc: 0.11 ng/ml



#21 Endrin ketone

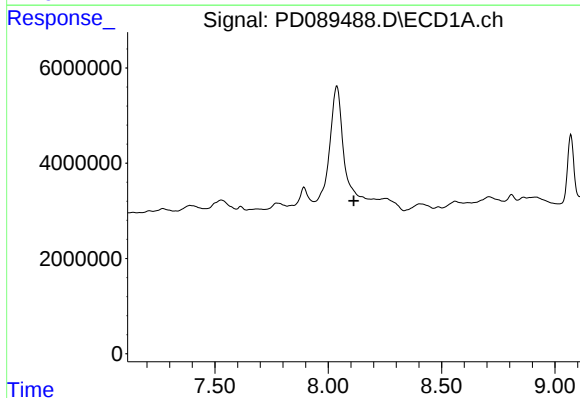
R.T.: 7.614 min
Delta R.T.: -0.015 min
Response: 745167
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



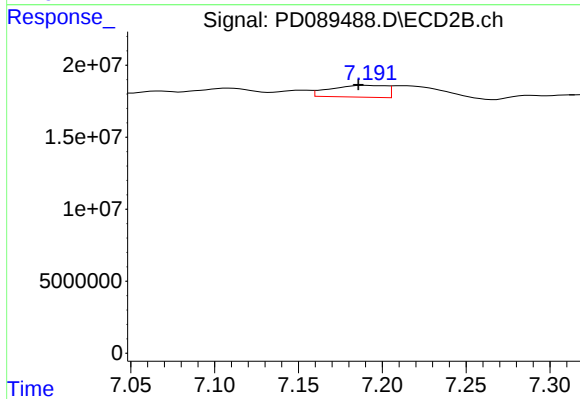
#21 Endrin ketone

R.T.: 7.020 min
Delta R.T.: 0.028 min
Response: 13191230
Conc: 0.61 ng/ml



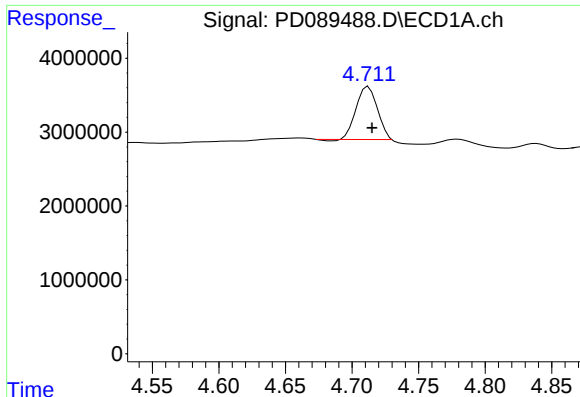
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

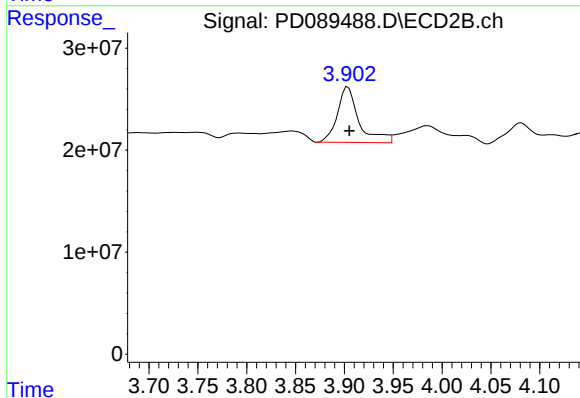
R.T.: 7.189 min
Delta R.T.: 0.004 min
Response: 18936080
Conc: 1.14 ng/ml



#23 Chlordane-1

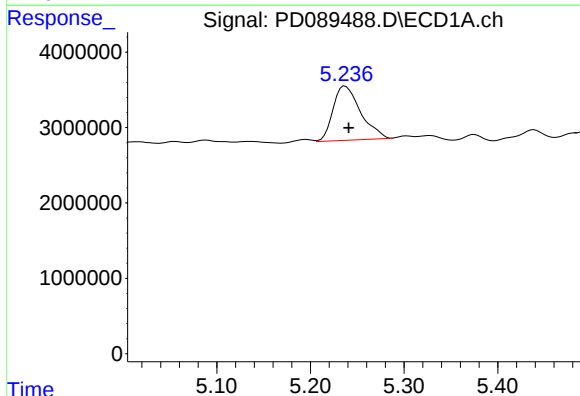
R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 7937256
Conc: 37.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



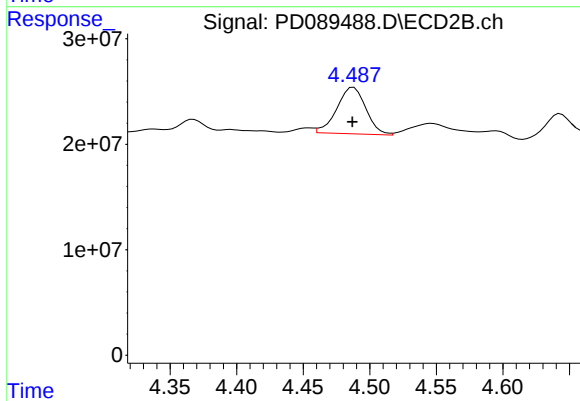
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.001 min
Response: 83608757
Conc: 89.68 ng/ml



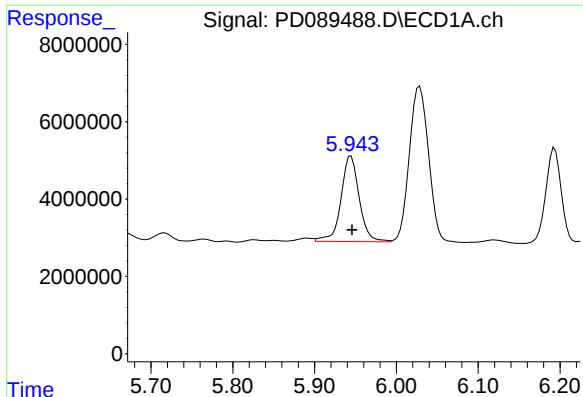
#24 Chlordane-2

R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 14673178
Conc: 67.21 ng/ml



#24 Chlordane-2

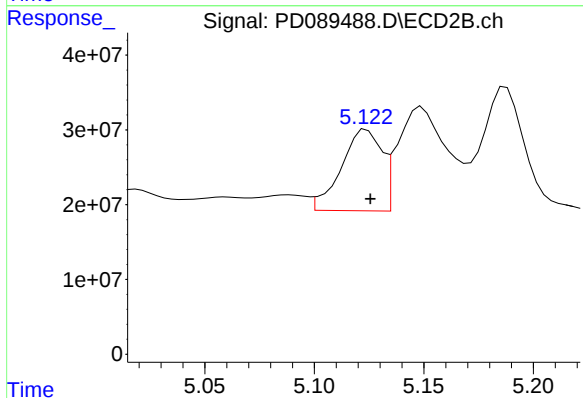
R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 67178749
Conc: 70.59 ng/ml



#25 Chlordane-3

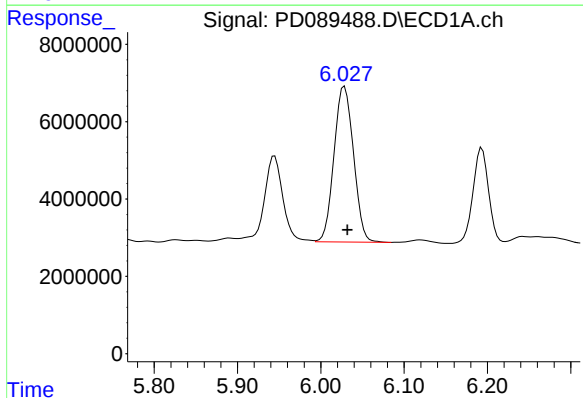
R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 34050398
Conc: 39.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



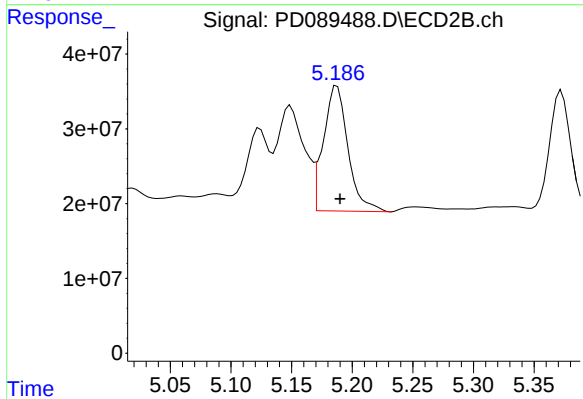
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 139319004
Conc: 46.91 ng/ml



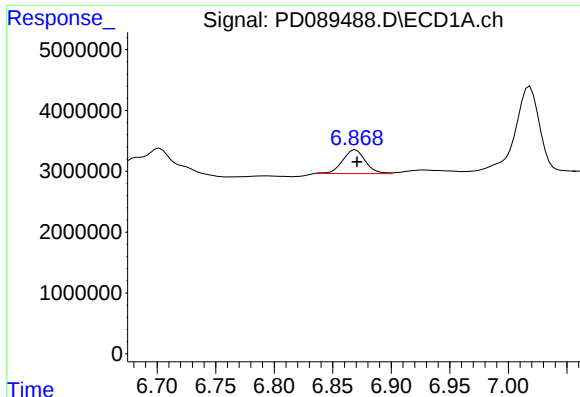
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 65605708
Conc: 62.44 ng/ml



#26 Chlordane-4

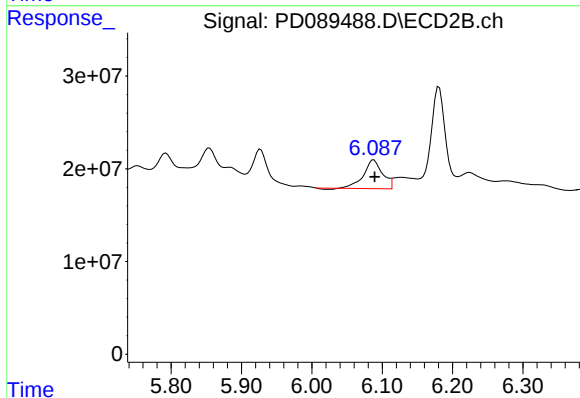
R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 235935605
Conc: 94.12 ng/ml



#27 Chlordane-5

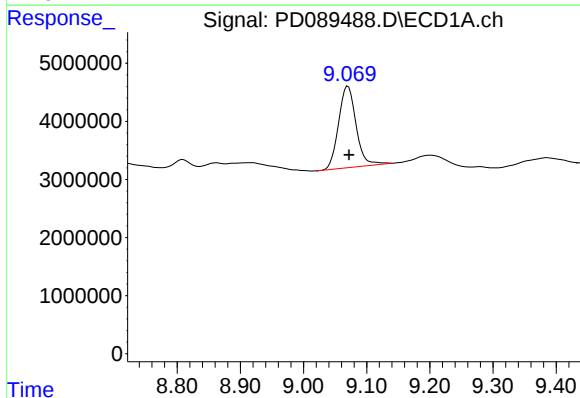
R.T.: 6.870 min
Delta R.T.: -0.001 min
Response: 5279963
Conc: 28.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
OU4-TS-Grillo-OG-070925



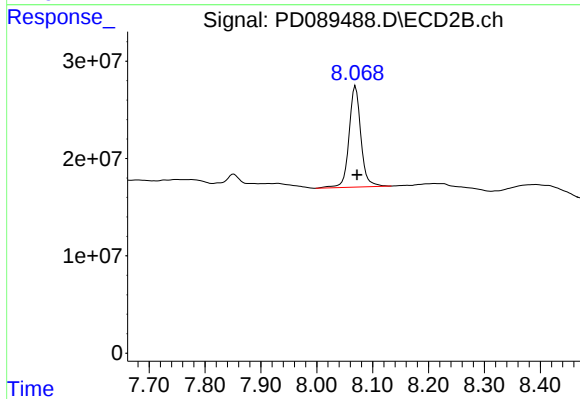
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 57346544
Conc: 50.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.002 min
Response: 26938948
Conc: 6.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 152507452
Conc: 7.71 ng/ml