

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
 Data File : PD089165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 13:12
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : PEST LOD 1PPB SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:29:02 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...	3.551	2.881	46985969	298.4E6	16.468	17.603
2)	SA Decachlor...	9.071	8.070	56969943	262.0E6	14.505	13.251
Target Compounds							
2)	A alpha-BHC	3.999	3.393	4099954	27938680	0.703	1.043 #
3)	MA gamma-BHC...	4.330	3.730	4672786	25786226	0.837	1.042
4)	MA Heptachlor	4.929	4.082	4308631	24519959	0.790	0.979
5)	MB Aldrin	5.271	4.369	3919570	24362720	0.738	1.006 #
6)	B beta-BHC	4.516	4.025	2021951	12301813	0.916	1.145
7)	B delta-BHC	4.765	4.262	5423617	26992444	1.057	1.085
8)	B Heptachlo...	5.690	4.872	4415248	23190610	0.915	1.059
9)	A Endosulfan I	6.074	5.246	3661247	23423612	0.812	1.124 #
10)	B gamma-Chl...	5.945	5.125	3597538	31398389	0.751	1.312 #
11)	B alpha-Chl...	6.026	5.189	4215686	27425952	0.871	1.198 #
12)	B 4,4'-DDE	6.194	5.374	2974353	23224472	0.682	1.013 #
13)	MA Dieldrin	6.346	5.512	3300375	21905715	0.688	0.944 #
14)	MA Endrin	6.573	5.790	3394981	27854081	0.823	1.283 #
15)	B Endosulfa...	6.785	6.079	3102830	20583602	0.769	1.019 #
16)	A 4,4'-DDD	6.704	5.928	2553551	18752695	0.744	0.980 #
17)	MA 4,4'-DDT	7.020	6.183	2867936	14546800	0.757	0.717
18)	B Endrin al...	6.914	6.257	4123278	13545442	1.346	0.885 #
19)	B Endosulfa...	7.149	6.481	3146867	18140021	0.820	0.925
20)	A Methoxychlor	7.492	6.756	1719868	22617251	0.851	2.100 #
21)	B Endrin ke...	7.630	6.990	3664099	17895658	0.900	0.828
22)	Mirex	8.113	7.183	4109941	14822508	1.352	0.889 #
23)	Chlordane-1	0.000	3.928f	0	254472	N.D.	0.273 #
24)	Chlordane-2	5.271f	0.000	3919570	0	17.954	N.D. #
25)	Chlordane-3	5.945	5.125	3597538	31398389	4.171	10.571 #
26)	Chlordane-4	6.026	5.189	4215686	27425952	4.012	10.941 #
27)	Chlordane-5	6.868	6.079	394613	20583602	2.159	18.189 #

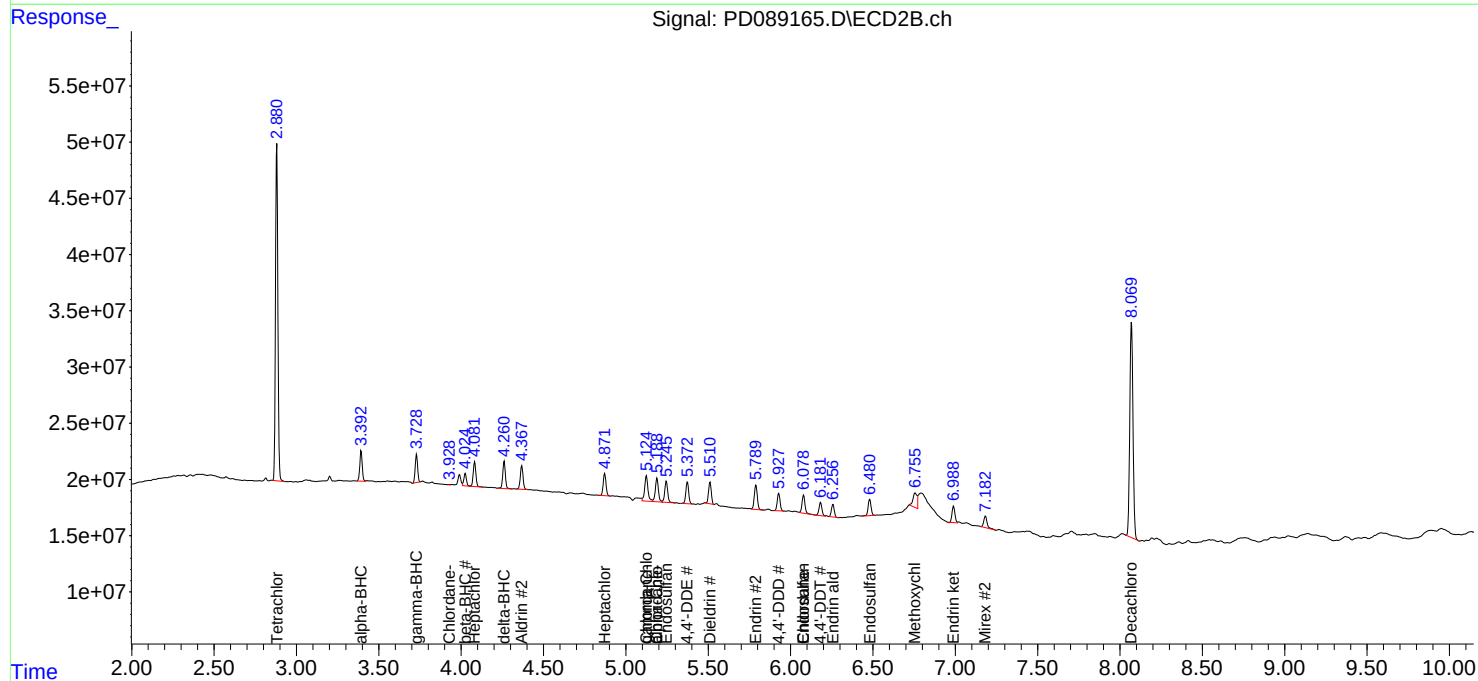
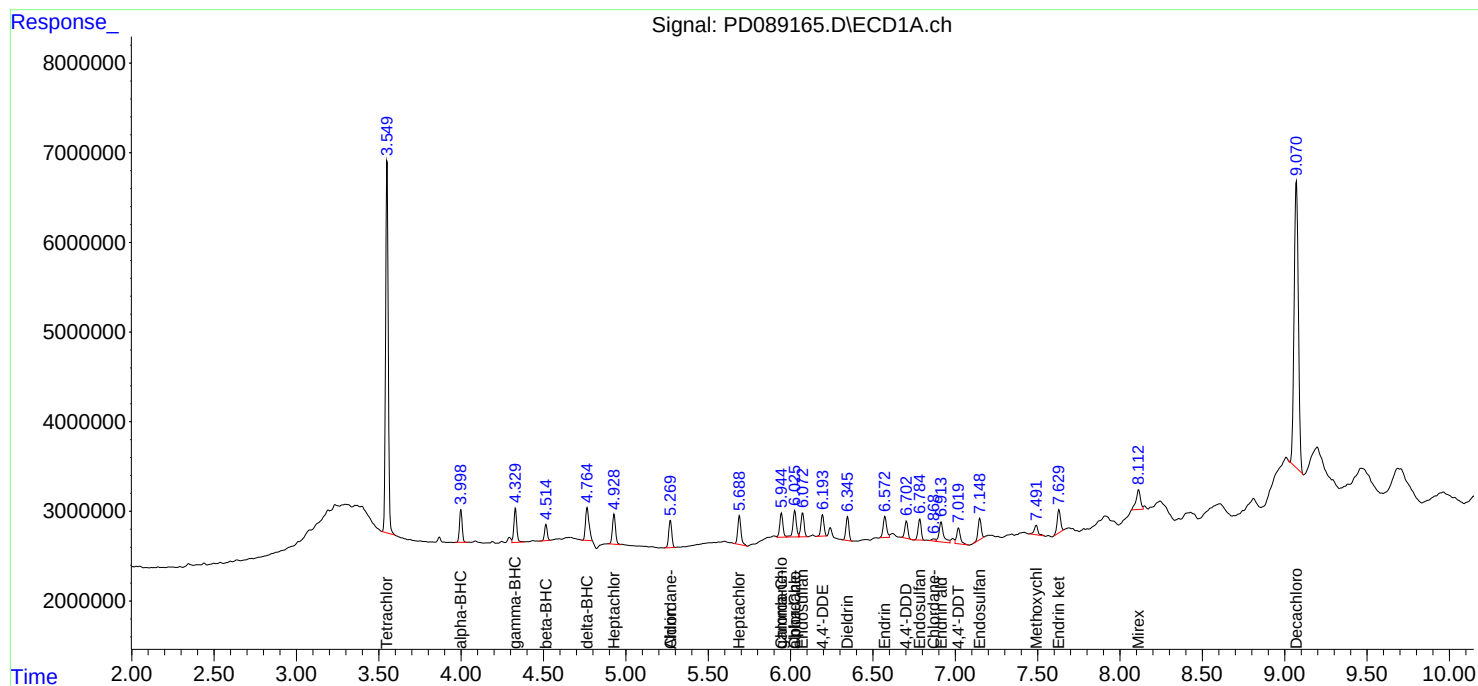
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

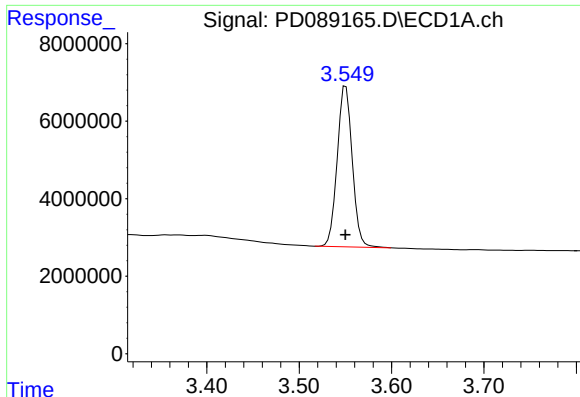
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
Data File : PD089165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:12
Operator : AR\AJ
Sample : Q2126-01
Misc : PEST LOD 1PPB SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:02 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

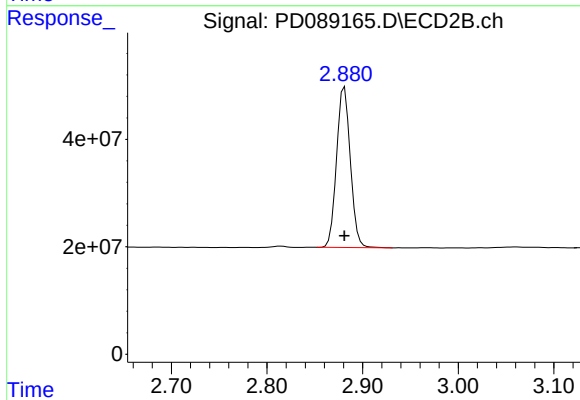




#1 Tetrachloro-m-xylene

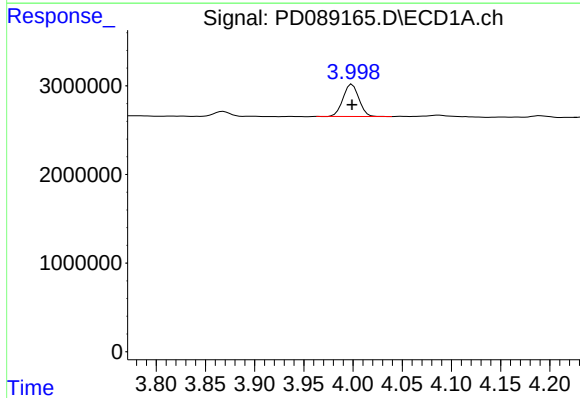
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 46985969
Conc: 16.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



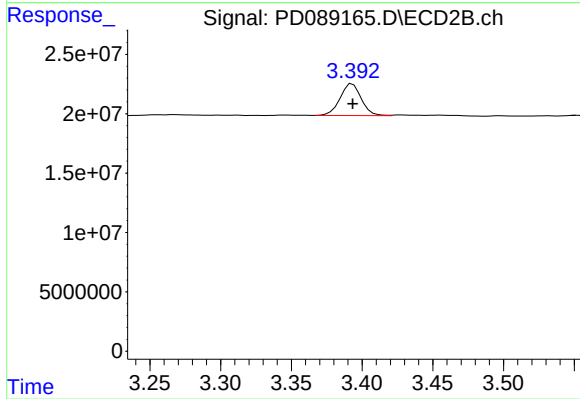
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 298419057
Conc: 17.60 ng/ml



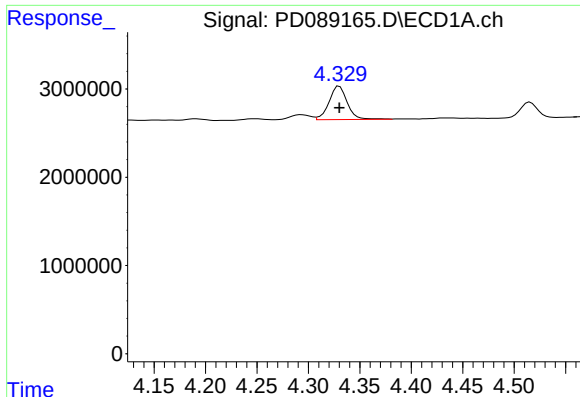
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 4099954
Conc: 0.70 ng/ml



#2 alpha-BHC

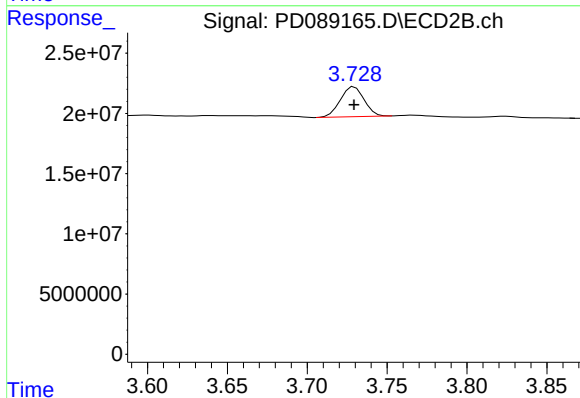
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 27938680
Conc: 1.04 ng/ml



#3 gamma-BHC (Lindane)

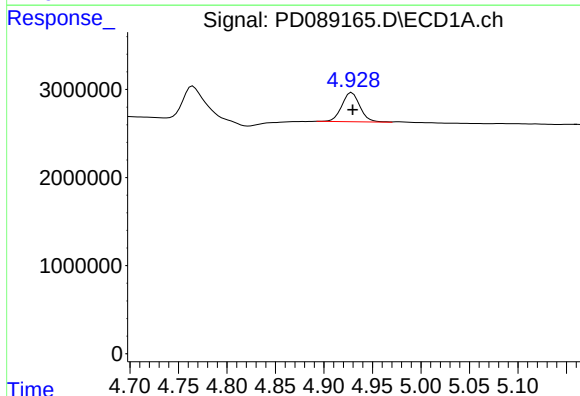
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 4672786
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



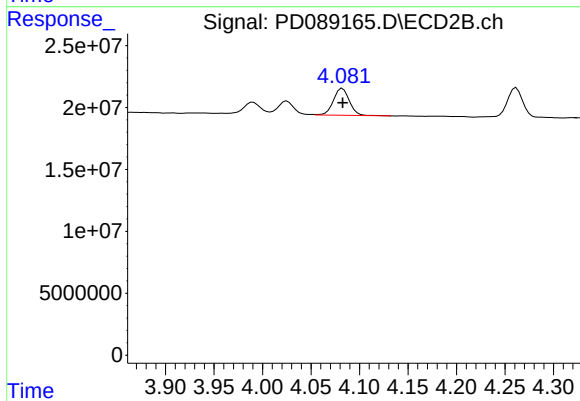
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 25786226
Conc: 1.04 ng/ml



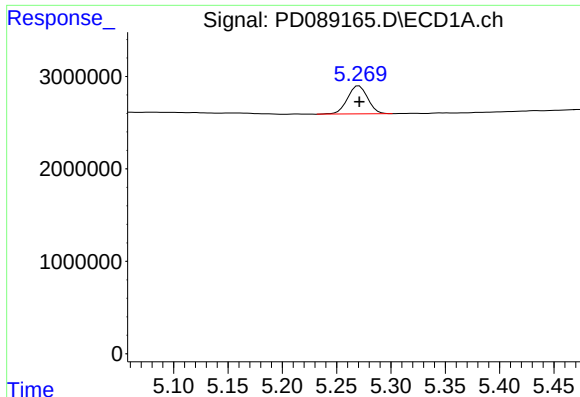
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 4308631
Conc: 0.79 ng/ml



#4 Heptachlor

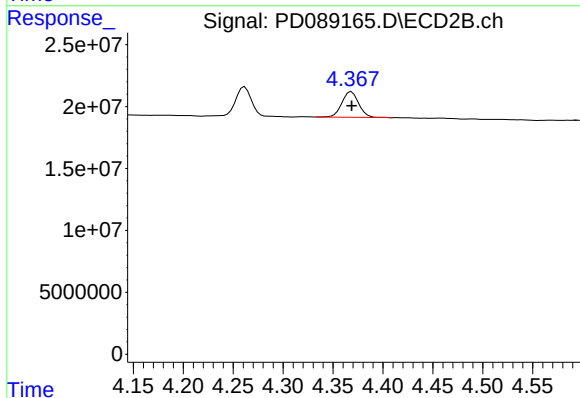
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 24519959
Conc: 0.98 ng/ml



#5 Aldrin

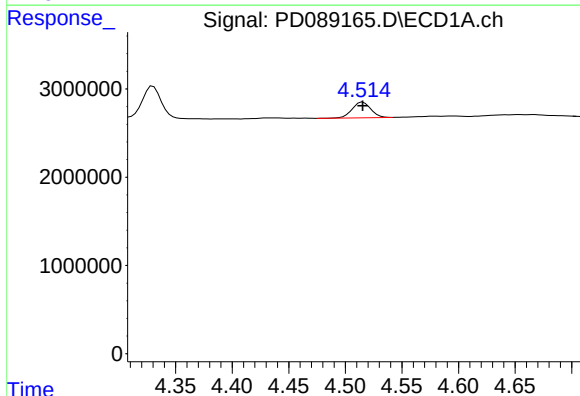
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 3919570
Conc: 0.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



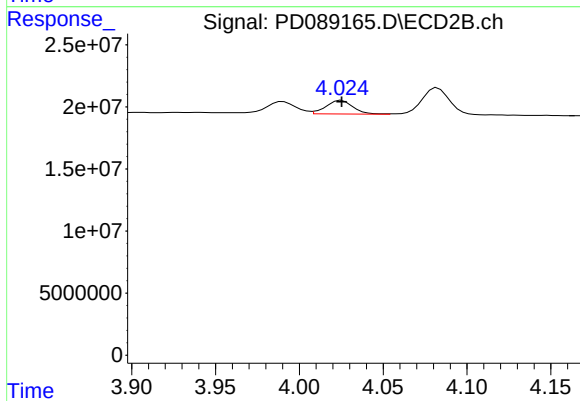
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 24362720
Conc: 1.01 ng/ml



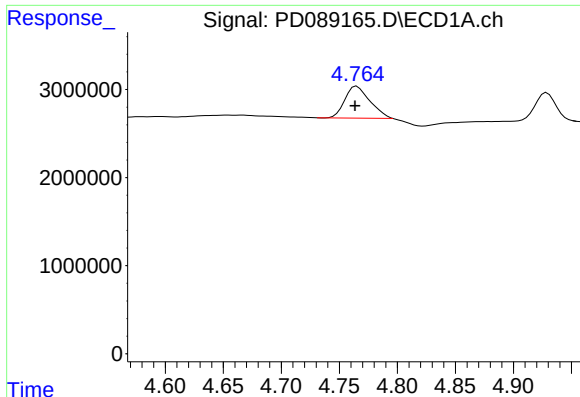
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2021951
Conc: 0.92 ng/ml



#6 beta-BHC

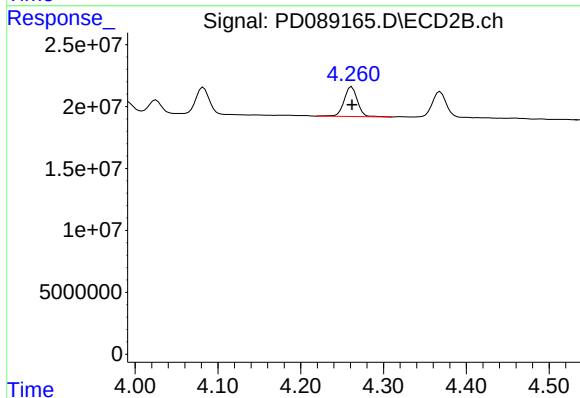
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 12301813
Conc: 1.14 ng/ml



#7 delta-BHC

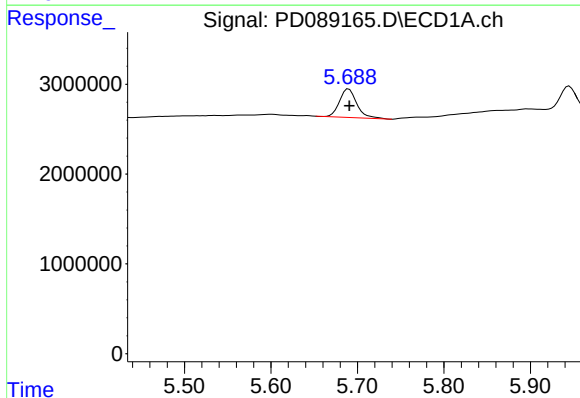
R.T.: 4.765 min
Delta R.T.: 0.002 min
Response: 5423617
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



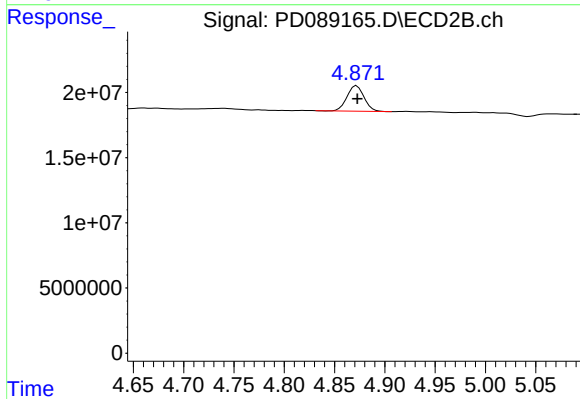
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 26992444
Conc: 1.09 ng/ml



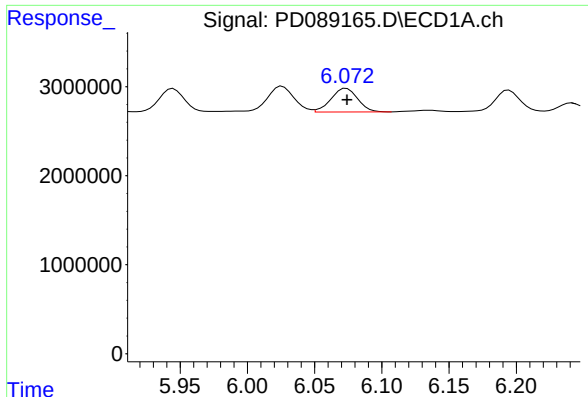
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 4415248
Conc: 0.92 ng/ml



#8 Heptachlor epoxide

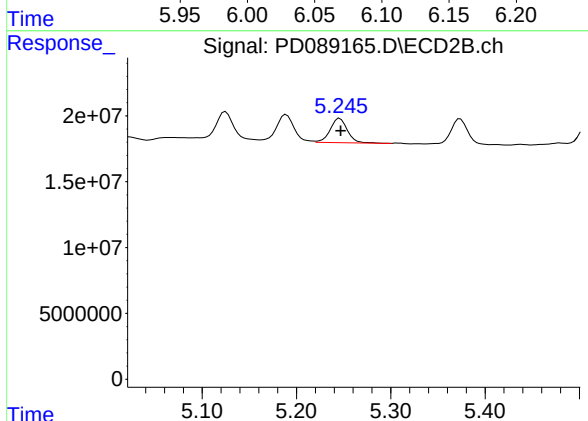
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 23190610
Conc: 1.06 ng/ml



#9 Endosulfan I

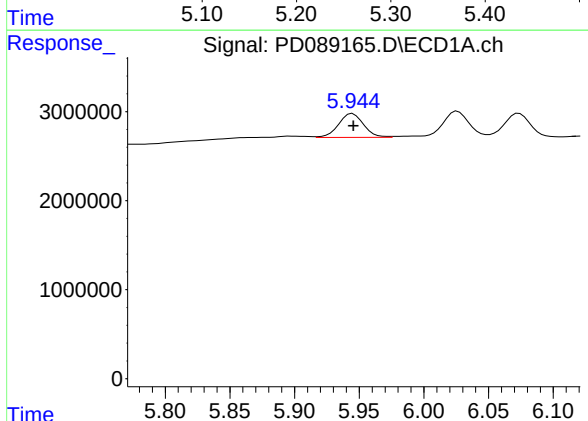
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 3661247
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



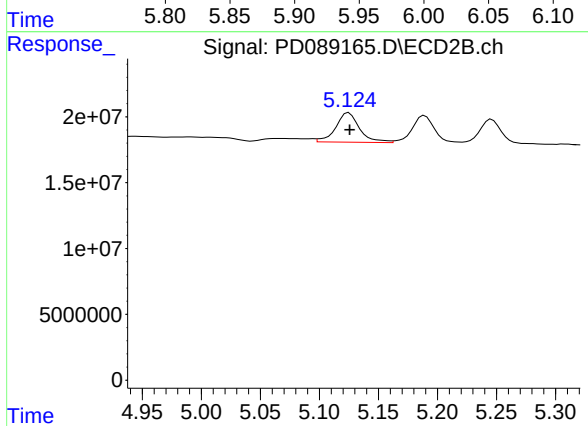
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.001 min
Response: 23423612
Conc: 1.12 ng/ml



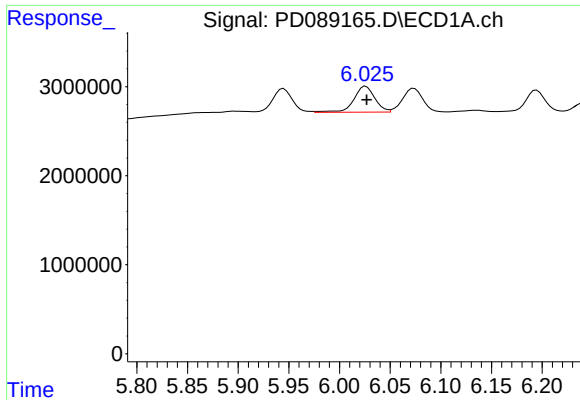
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3597538
Conc: 0.75 ng/ml



#10 gamma-Chlordane

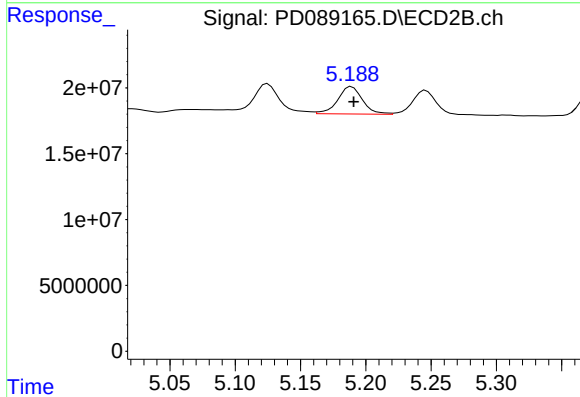
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 31398389
Conc: 1.31 ng/ml



#11 alpha-Chlordane

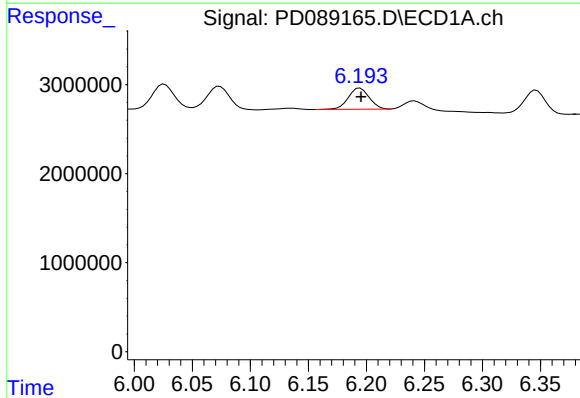
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 4215686
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



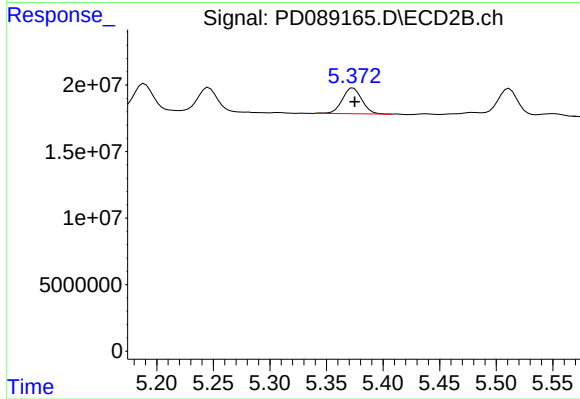
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 27425952
Conc: 1.20 ng/ml



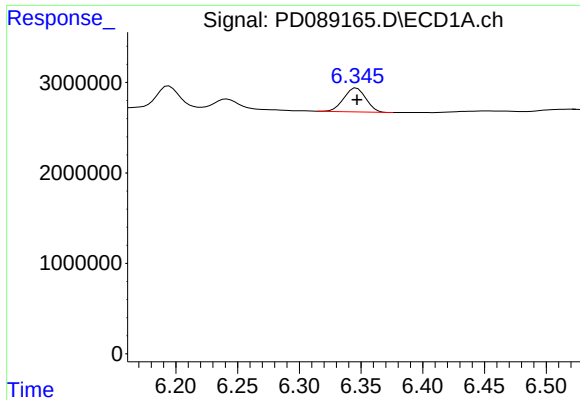
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 2974353
Conc: 0.68 ng/ml



#12 4,4'-DDE

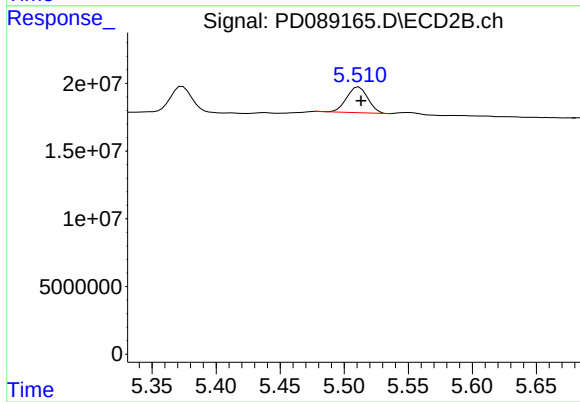
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 23224472
Conc: 1.01 ng/ml



#13 Dieldrin

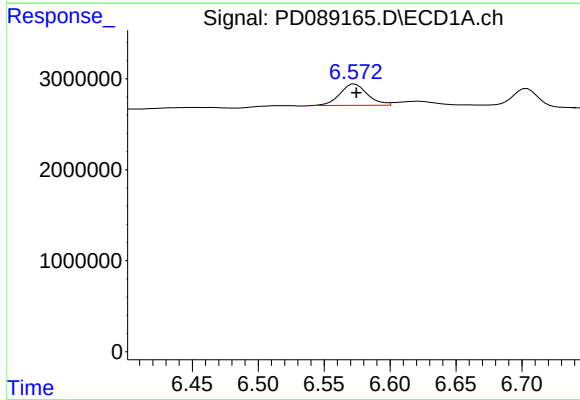
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 3300375
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



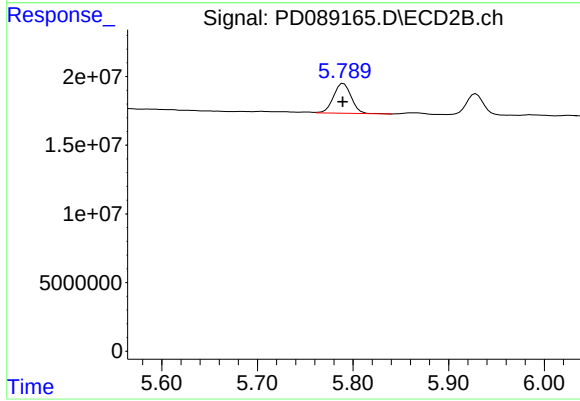
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 21905715
Conc: 0.94 ng/ml



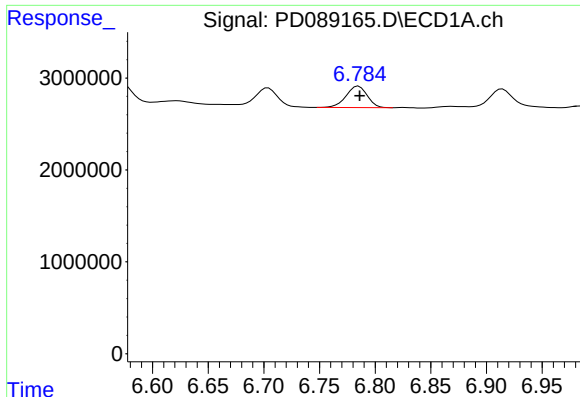
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 3394981
Conc: 0.82 ng/ml



#14 Endrin

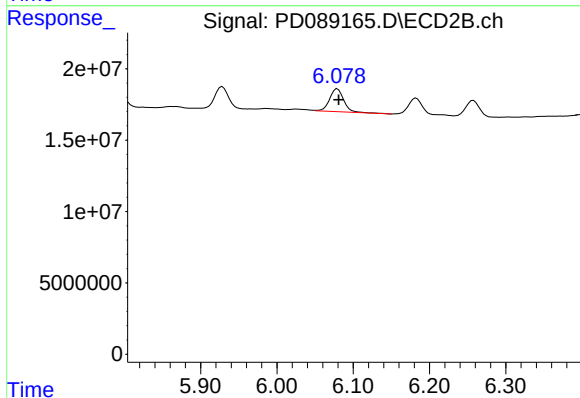
R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 27854081
Conc: 1.28 ng/ml



#15 Endosulfan II

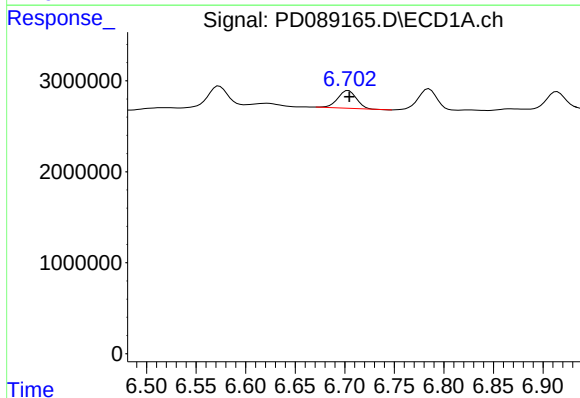
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 3102830
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



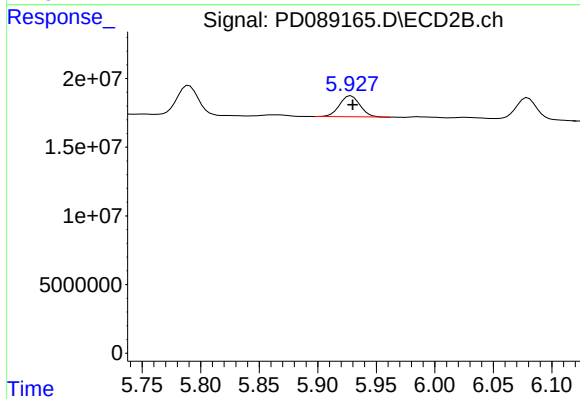
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 20583602
Conc: 1.02 ng/ml



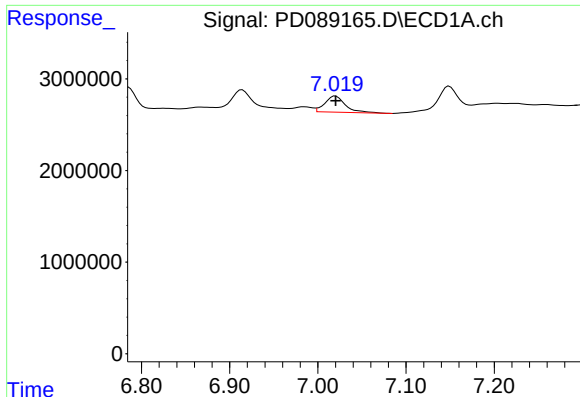
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 2553551
Conc: 0.74 ng/ml



#16 4,4'-DDD

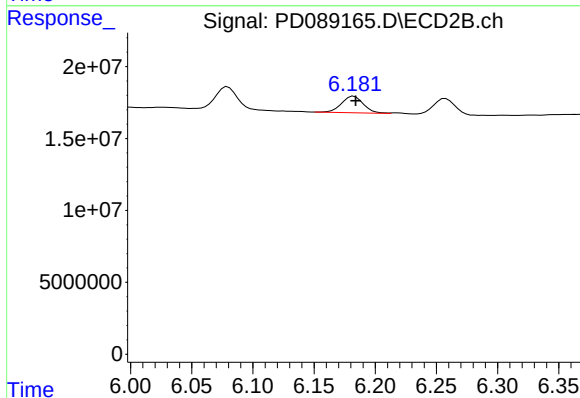
R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 18752695
Conc: 0.98 ng/ml



#17 4,4'-DDT

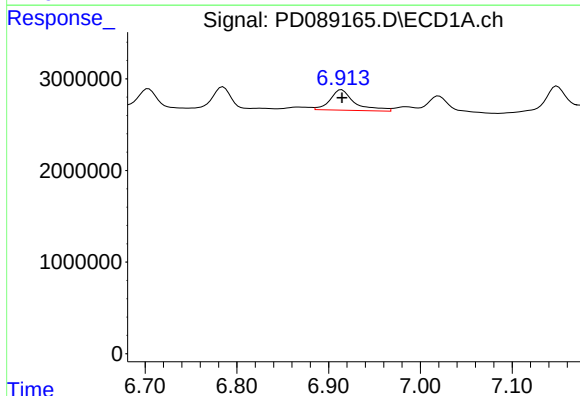
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 2867936
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



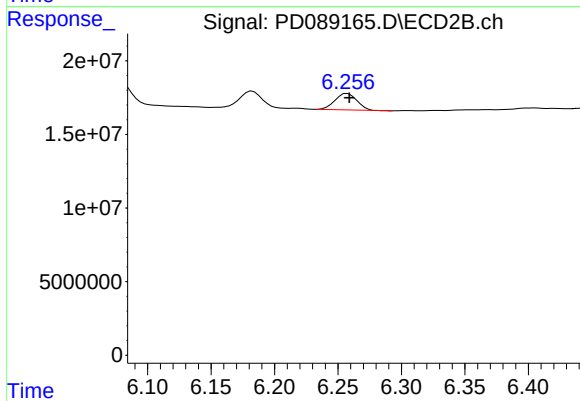
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 14546800
Conc: 0.72 ng/ml



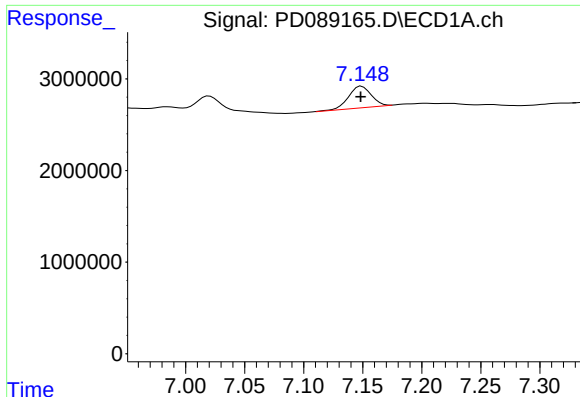
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 4123278
Conc: 1.35 ng/ml



#18 Endrin aldehyde

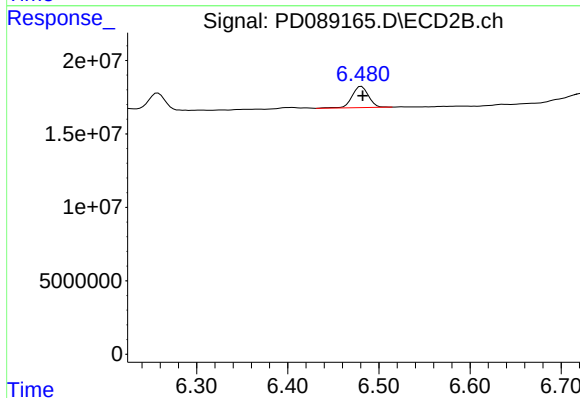
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 13545442
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

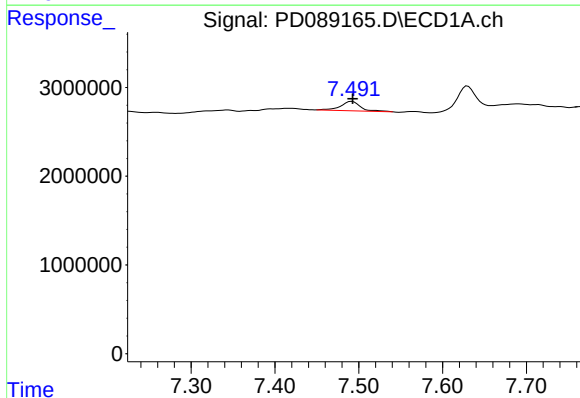
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 3146867
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



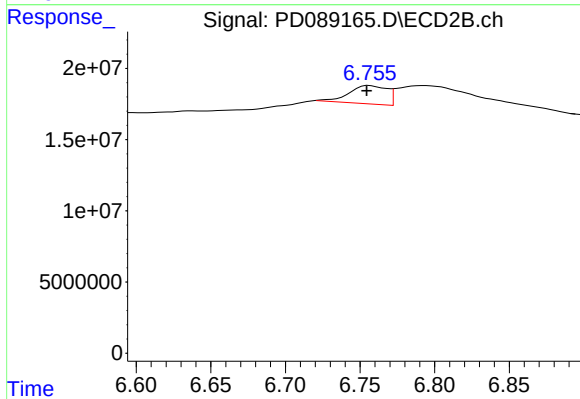
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 18140021
Conc: 0.92 ng/ml



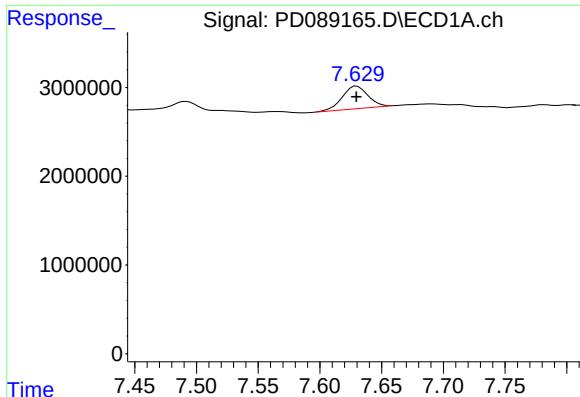
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 1719868
Conc: 0.85 ng/ml



#20 Methoxychlor

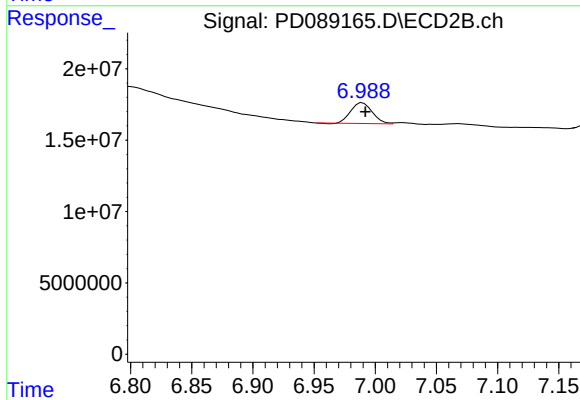
R.T.: 6.756 min
Delta R.T.: 0.002 min
Response: 22617251
Conc: 2.10 ng/ml



#21 Endrin ketone

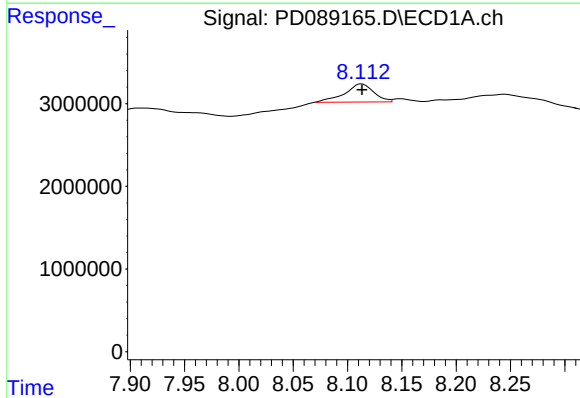
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 3664099
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



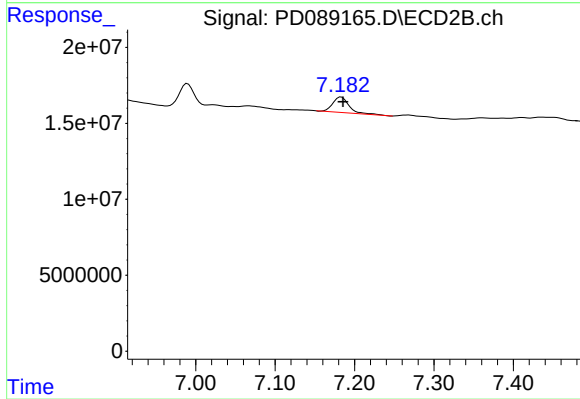
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 17895658
Conc: 0.83 ng/ml



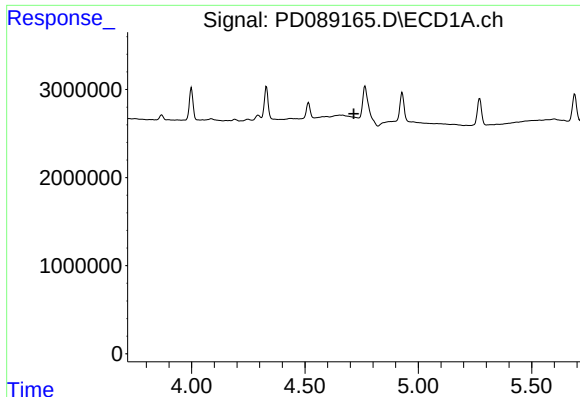
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 4109941
Conc: 1.35 ng/ml



#22 Mirex

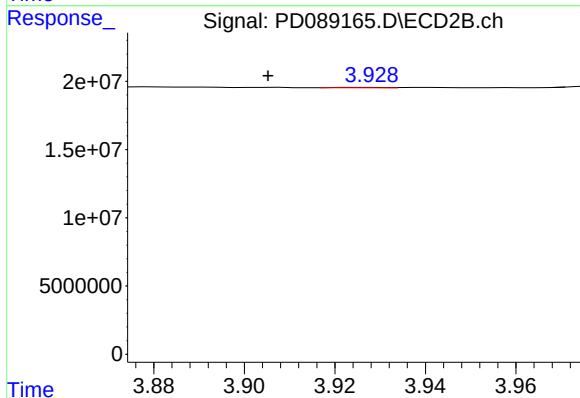
R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 14822508
Conc: 0.89 ng/ml



#23 Chlordane-1

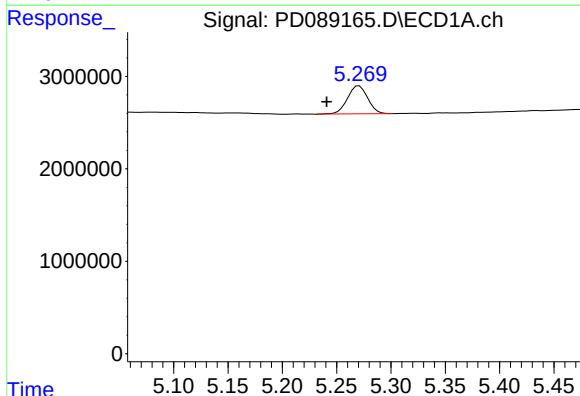
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



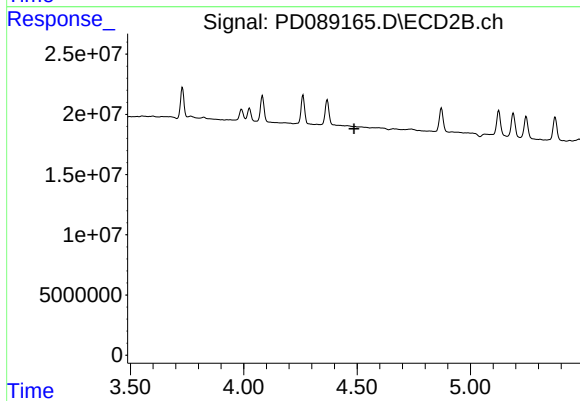
#23 Chlordane-1

R.T.: 3.928 min
Delta R.T.: 0.022 min
Response: 254472
Conc: 0.27 ng/ml



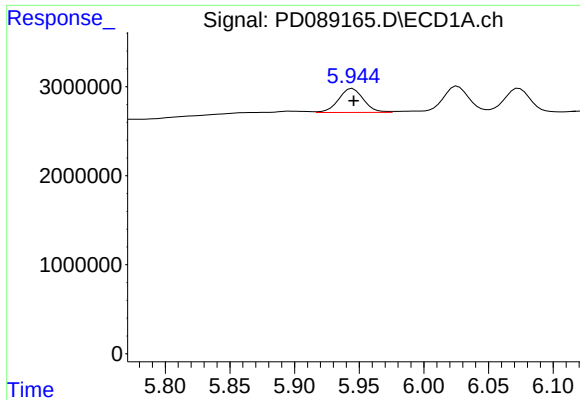
#24 Chlordane-2

R.T.: 5.271 min
Delta R.T.: 0.030 min
Response: 3919570
Conc: 17.95 ng/ml



#24 Chlordane-2

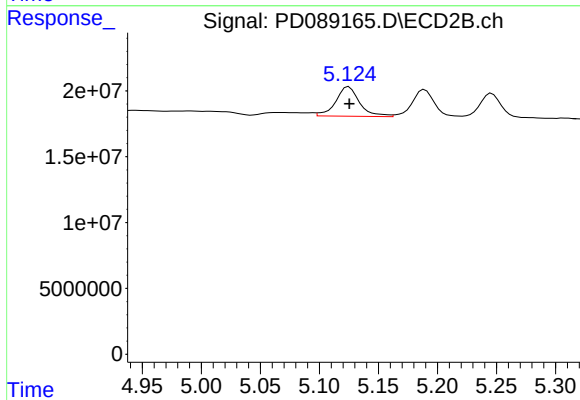
R.T.: 0.000 min
Exp R.T.: 4.487 min
Response: 0
Conc: N.D.



#25 Chlordane-3

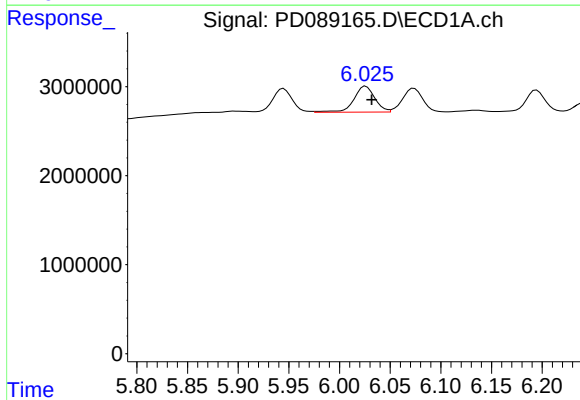
R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 3597538
Conc: 4.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



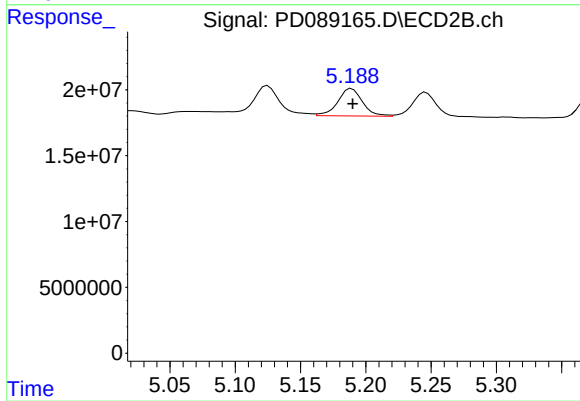
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 31398389
Conc: 10.57 ng/ml



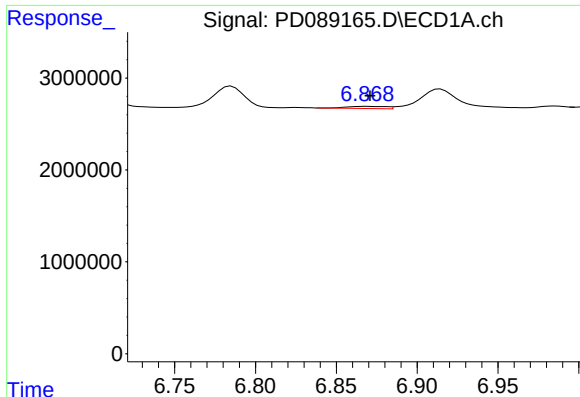
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 4215686
Conc: 4.01 ng/ml



#26 Chlordane-4

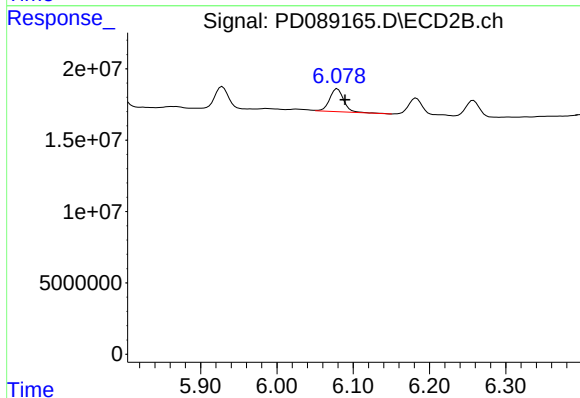
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 27425952
Conc: 10.94 ng/ml



#27 Chlordane-5

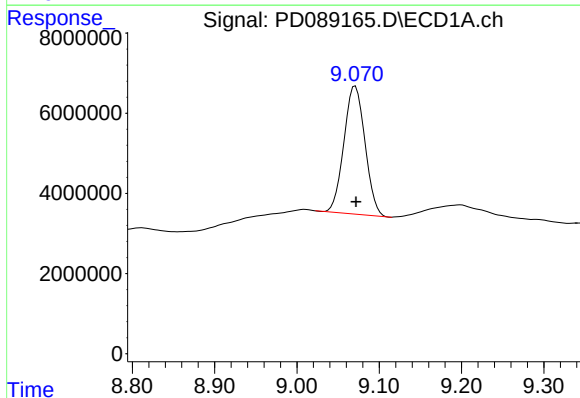
R.T.: 6.868 min
Delta R.T.: -0.002 min
Response: 394613
Conc: 2.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



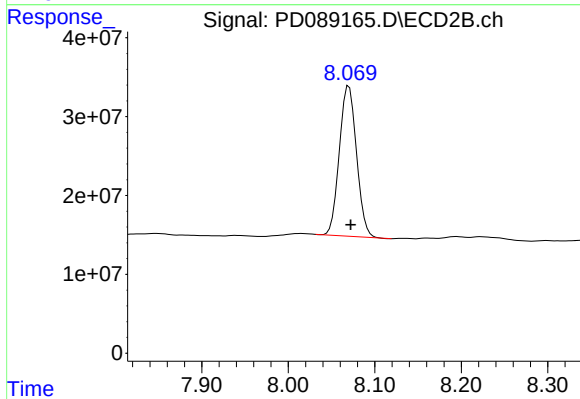
#27 Chlordane-5

R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 20583602
Conc: 18.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 56969943
Conc: 14.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 261963893
Conc: 13.25 ng/ml