

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 09:32
 Operator : AR\AJ
 Sample : PEM
 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: Jun 20 12:35:31 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...	3.550	2.880	54456263	348.8E6	19.086	20.574
28)	SA Decachlor...	9.075	8.073	80608847	435.3E6	20.524	22.020
Target Compounds							
2)	A alpha-BHC	3.999	3.393	51783298	285.1E6	8.884	10.640
3)	MA gamma-BHC...	4.331	3.729	51564618	265.8E6	9.238	10.735
4)	MA Heptachlor	4.929	4.079	382154	1221628	0.070	0.049 #
5)	MB Aldrin	5.258	4.365	474838	916719	0.089	0.038 #
6)	B beta-BHC	4.516	4.025	21761103	116.5E6	9.859	10.838
7)	B delta-BHC	4.758	4.258	376158	770276	0.073	0.031 #
8)	B Heptachlo...	5.683	4.870	3936859	131687	0.816	0.006 #
9)	A Endosulfan I	0.000	5.229f	0	8245481	N.D.	0.396 #
10)	B gamma-Chl...	5.943	5.124	424397	10037785	0.089	0.420 #
11)	B alpha-Chl...	6.034	5.188	963798	17981645	0.199	0.785 #
12)	B 4,4'-DDE	6.198	5.379	321708	1424801	0.074	0.062
13)	MA Dieldrin	0.000	5.512	0	156971	N.D.	0.007 #
14)	MA Endrin	6.575	5.789	199.0E6	1016.0E6	48.244	46.792
15)	B Endosulfa...	6.771f	6.089	891470	1863933	0.221	0.092 #
16)	A 4,4'-DDD	6.705	5.931	2818444	8879253	0.821	0.464 #
17)	MA 4,4'-DDT	7.023	6.184	366.5E6	1887.5E6	96.751	93.073
18)	B Endrin al...	6.918	6.257	847722	10518665	0.277	0.687 #
20)	A Methoxychlor	7.494	6.754	442.6E6	1964.2E6	219.037	182.413
21)	B Endrin ke...	7.631	6.990	1425325	13470732	0.350	0.624 #
22)	Mirex	0.000	7.178	0	5364229	N.D.	0.322 #
23)	Chlordane-1	0.000	3.904	0	927132	N.D.	0.995 #
24)	Chlordane-2	5.258	4.484	474838	8874512	2.175	9.326 #
25)	Chlordane-3	5.943	5.124	424397	10037785	0.492	3.379 #
26)	Chlordane-4	6.034	5.188	963798	17981645	0.917	7.173 #
27)	Chlordane-5	6.871	6.089	322143	1863933	1.763	1.647

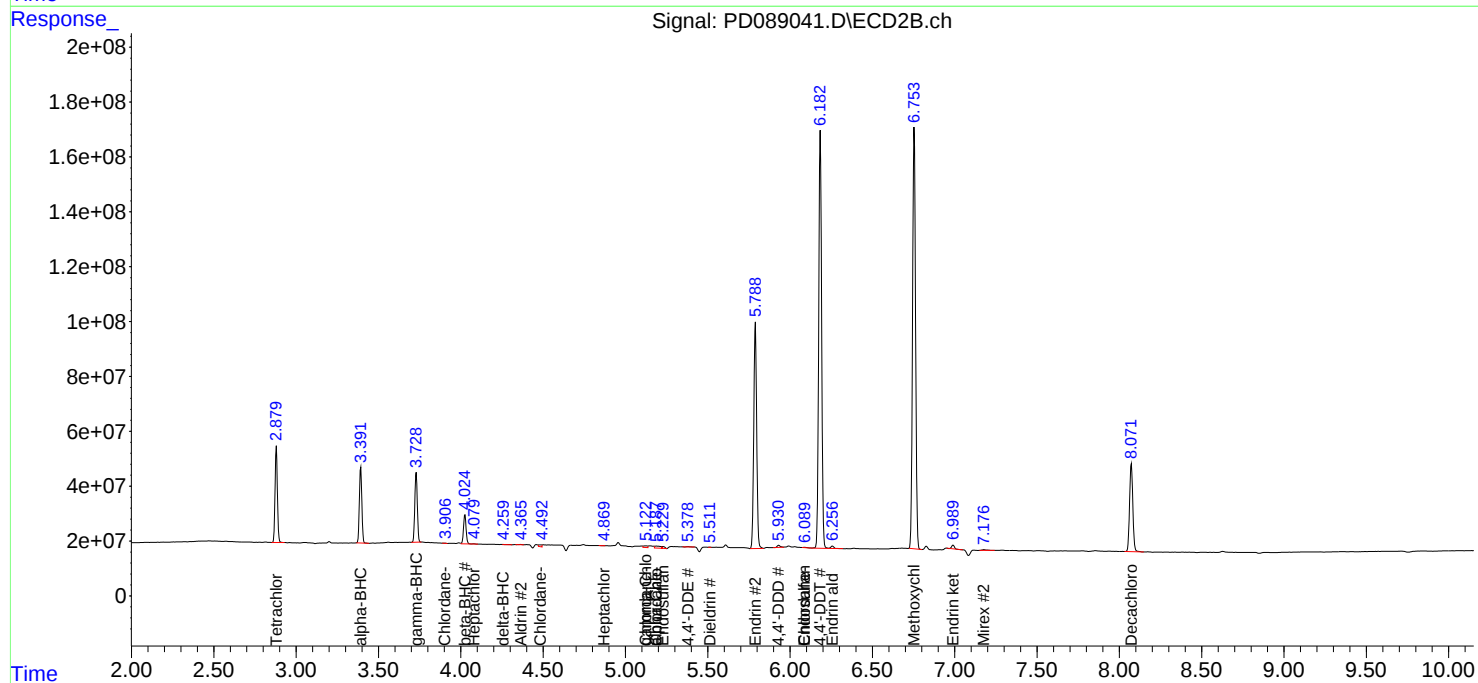
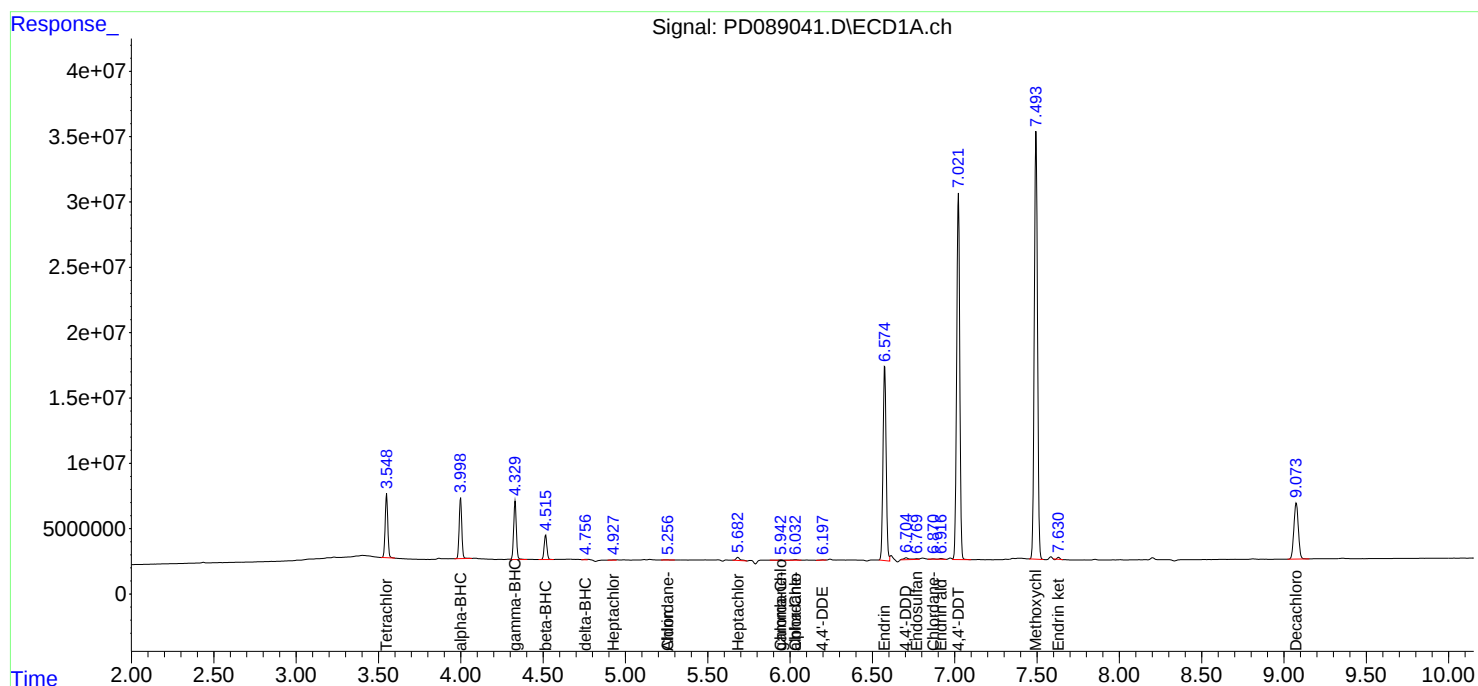
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

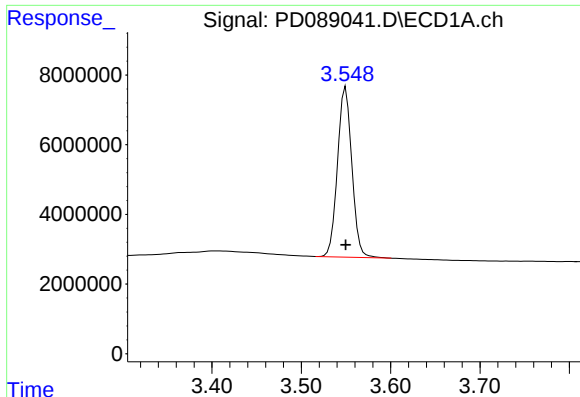
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
Data File : PD089041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 09:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 12:35:31 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

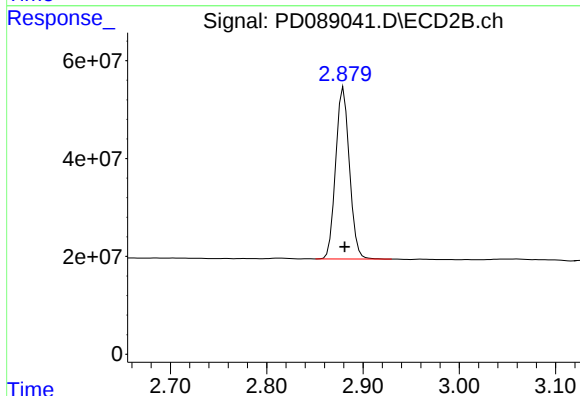




#1 Tetrachloro-m-xylene

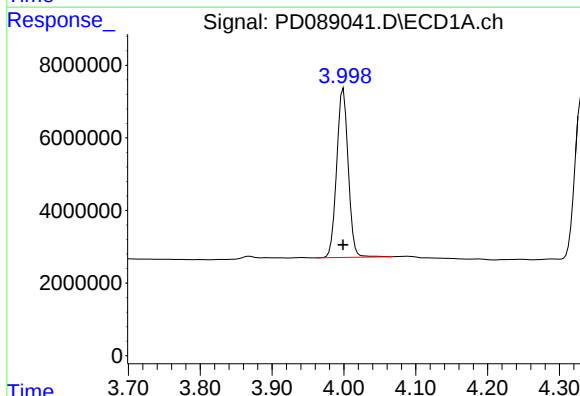
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 54456263
Conc: 19.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



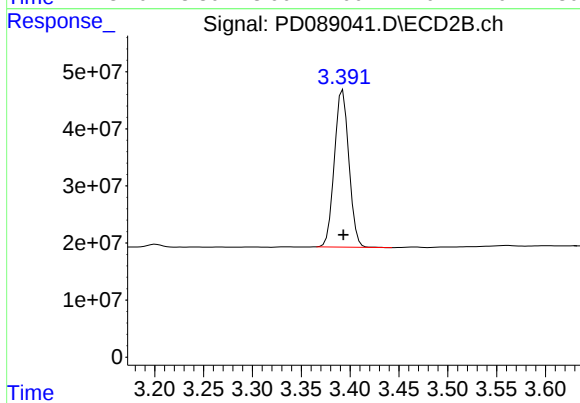
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 348792974
Conc: 20.57 ng/ml



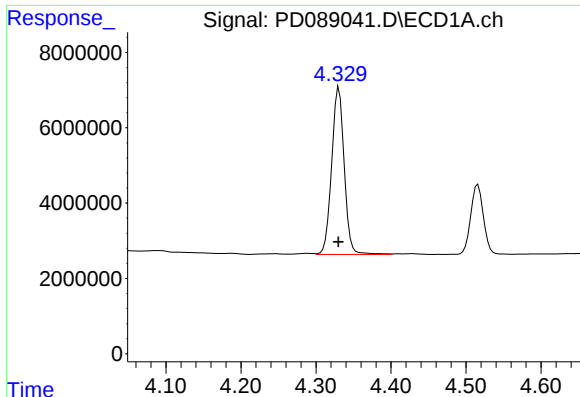
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 51783298
Conc: 8.88 ng/ml



#2 alpha-BHC

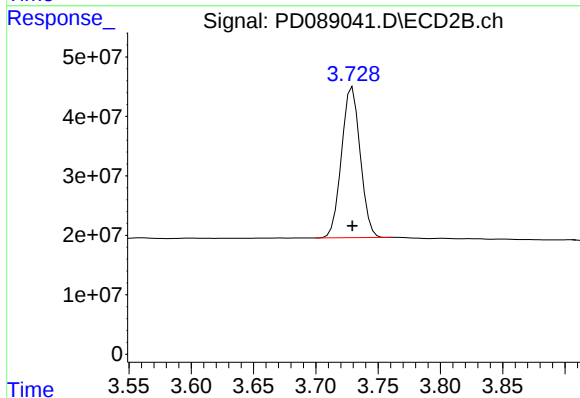
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 285114224
Conc: 10.64 ng/ml



#3 gamma-BHC (Lindane)

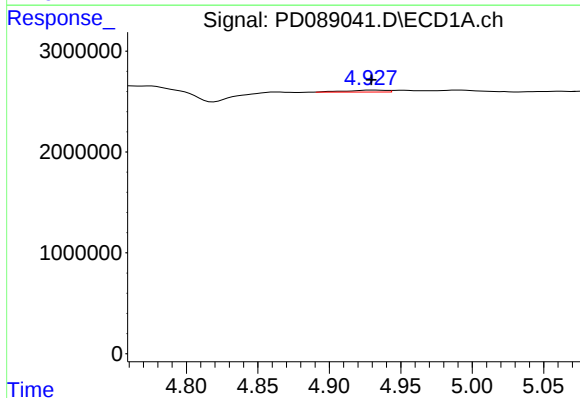
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 51564618
Conc: 9.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



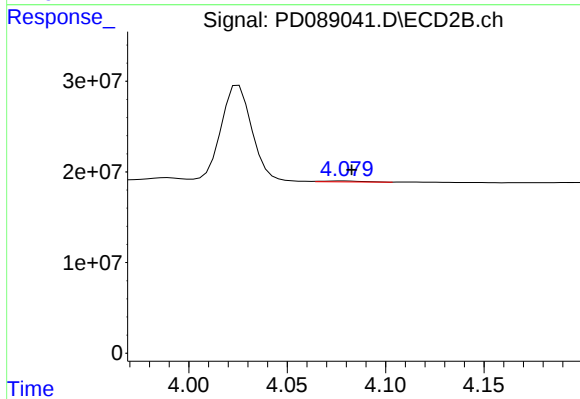
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 265773426
Conc: 10.74 ng/ml



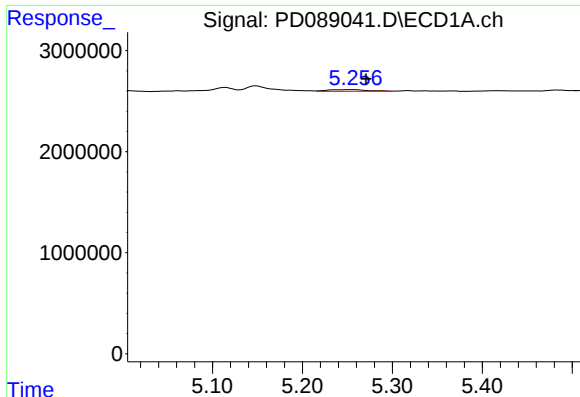
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 382154
Conc: 0.07 ng/ml



#4 Heptachlor

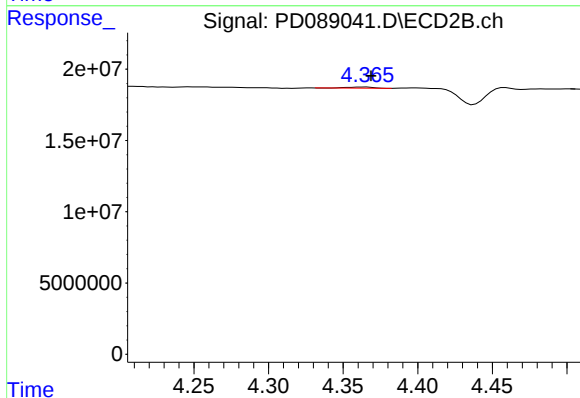
R.T.: 4.079 min
Delta R.T.: -0.004 min
Response: 1221628
Conc: 0.05 ng/ml



#5 Aldrin

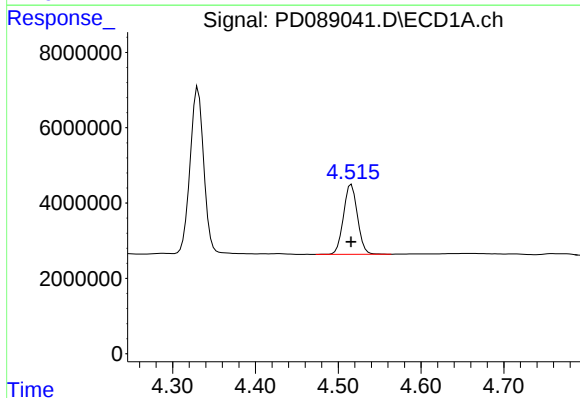
R.T.: 5.258 min
Delta R.T.: -0.013 min
Response: 474838
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



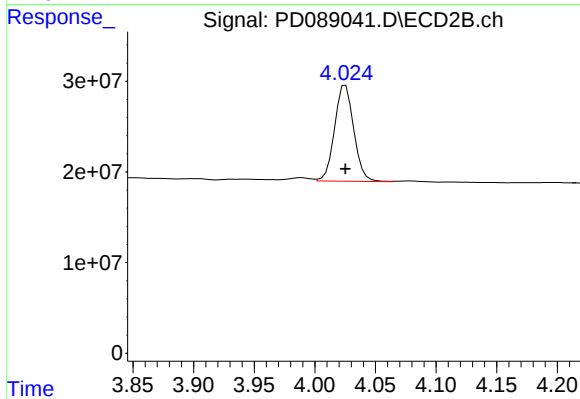
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.003 min
Response: 916719
Conc: 0.04 ng/ml



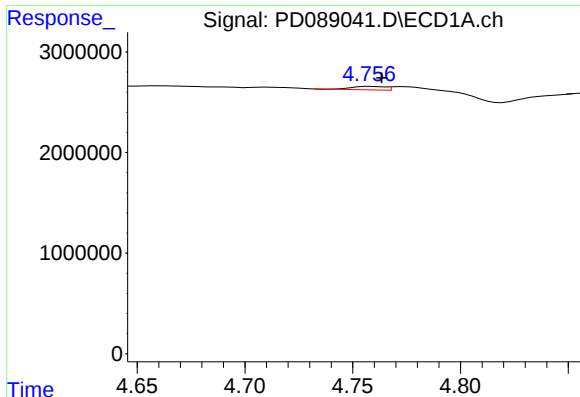
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 21761103
Conc: 9.86 ng/ml



#6 beta-BHC

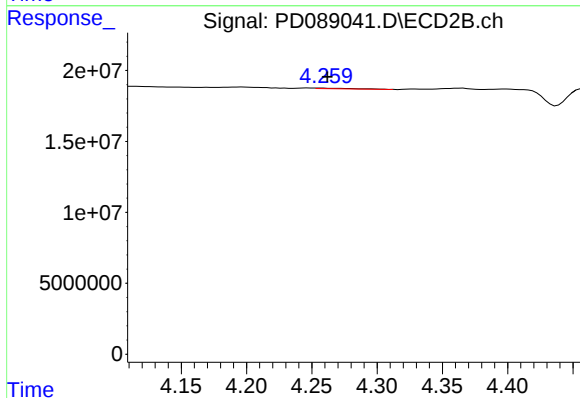
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 116472322
Conc: 10.84 ng/ml



#7 delta-BHC

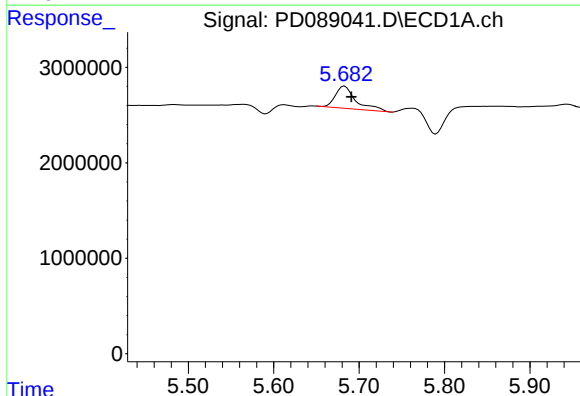
R.T.: 4.758 min
Delta R.T.: -0.006 min
Response: 376158
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



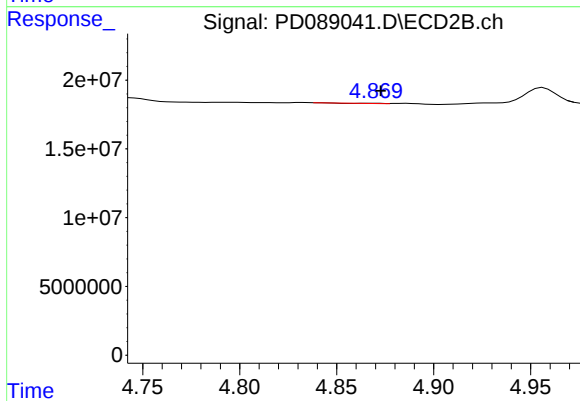
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.004 min
Response: 770276
Conc: 0.03 ng/ml



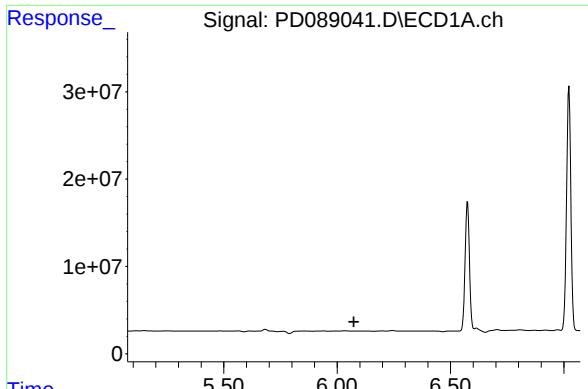
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.008 min
Response: 3936859
Conc: 0.82 ng/ml



#8 Heptachlor epoxide

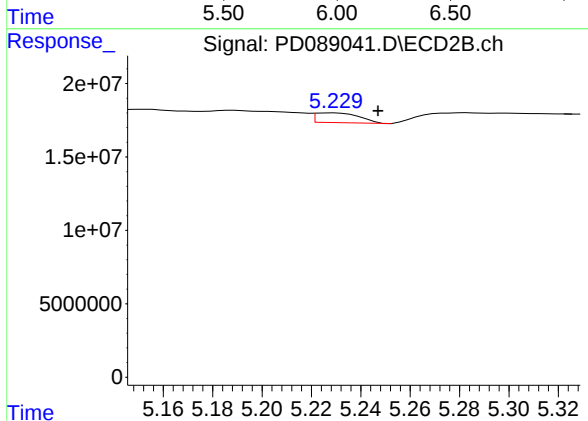
R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 131687
Conc: 0.01 ng/ml



#9 Endosulfan I

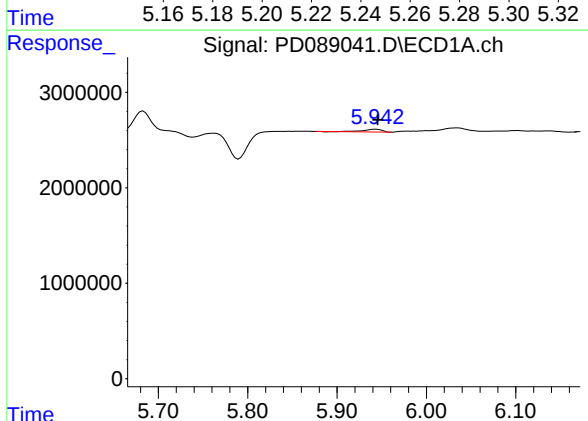
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



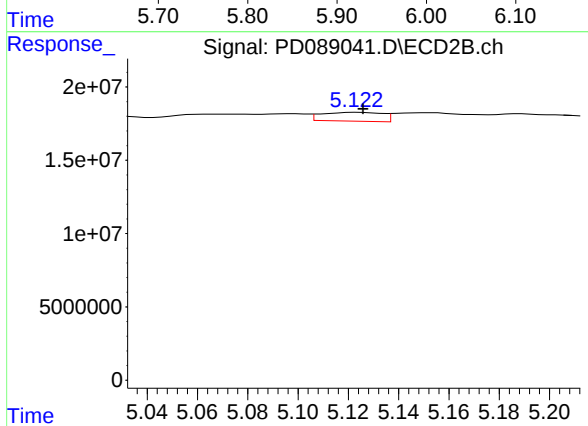
#9 Endosulfan I

R.T.: 5.229 min
Delta R.T.: -0.018 min
Response: 8245481
Conc: 0.40 ng/ml



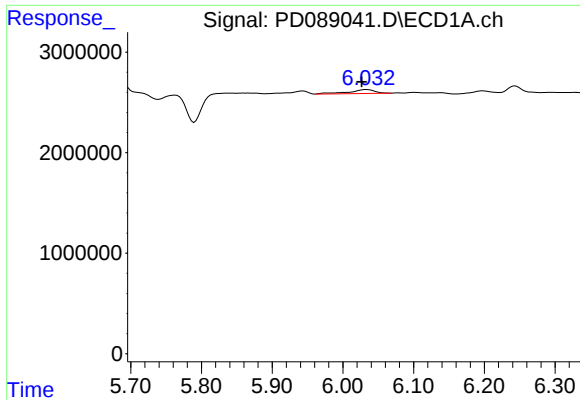
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 424397
Conc: 0.09 ng/ml



#10 gamma-Chlordane

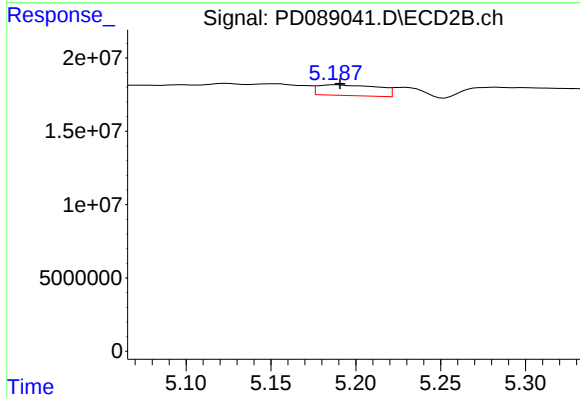
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 10037785
Conc: 0.42 ng/ml



#11 alpha-Chlordane

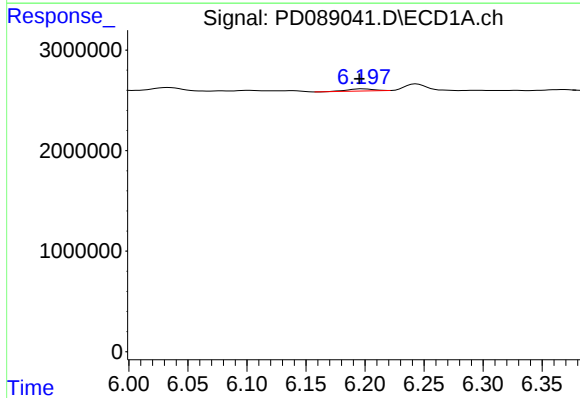
R.T.: 6.034 min
Delta R.T.: 0.007 min
Response: 963798
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



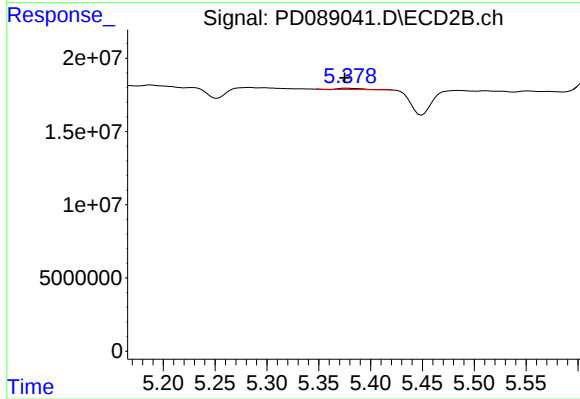
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 17981645
Conc: 0.79 ng/ml



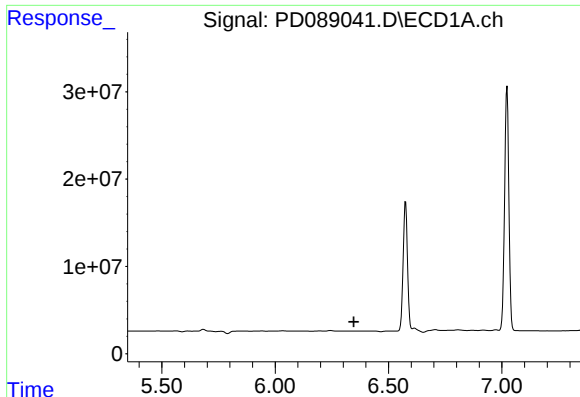
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 321708
Conc: 0.07 ng/ml



#12 4,4'-DDE

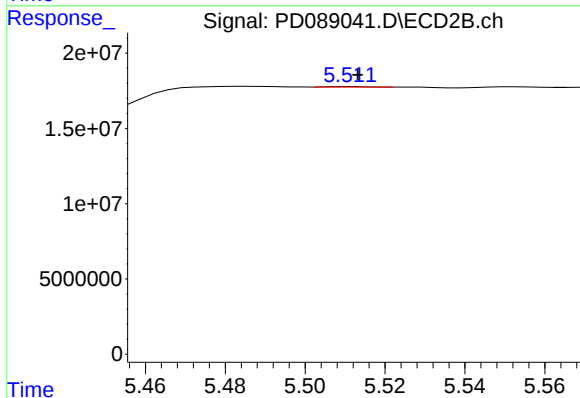
R.T.: 5.379 min
Delta R.T.: 0.004 min
Response: 1424801
Conc: 0.06 ng/ml



#13 Dieldrin

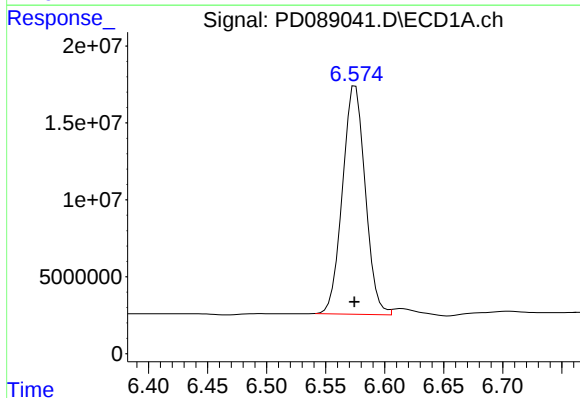
R.T.: 0.000 min
Exp R.T.: 6.347 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



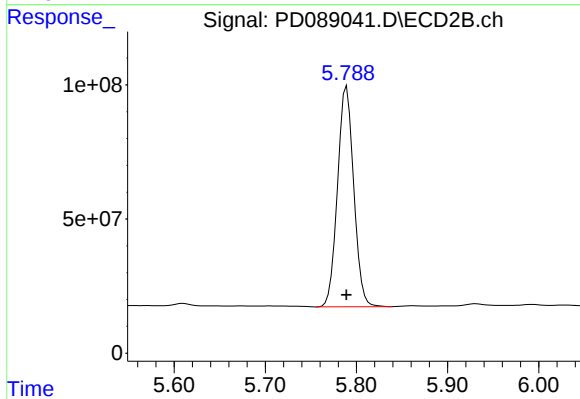
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 156971
Conc: 0.01 ng/ml



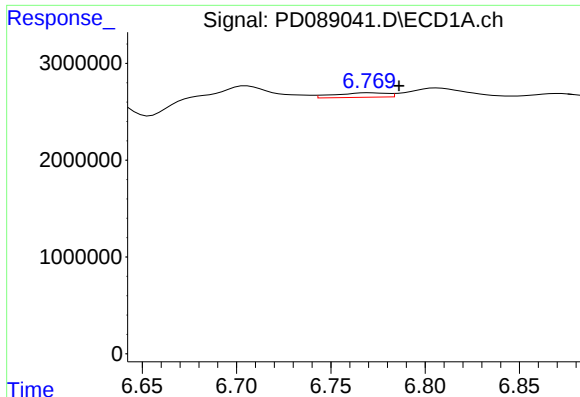
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 199036150
Conc: 48.24 ng/ml



#14 Endrin

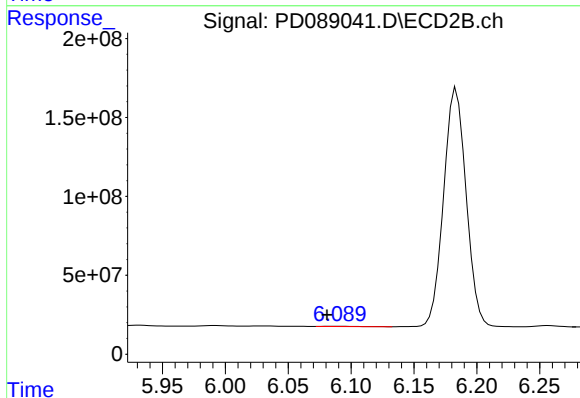
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1016030162
Conc: 46.79 ng/ml



#15 Endosulfan II

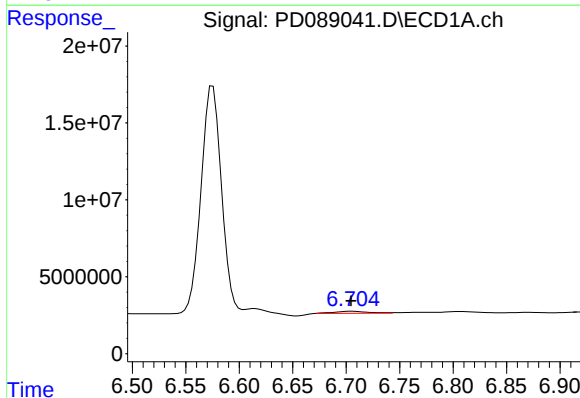
R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 891470
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



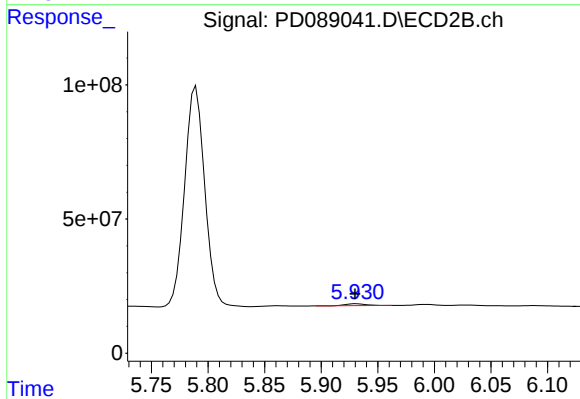
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.008 min
Response: 1863933
Conc: 0.09 ng/ml



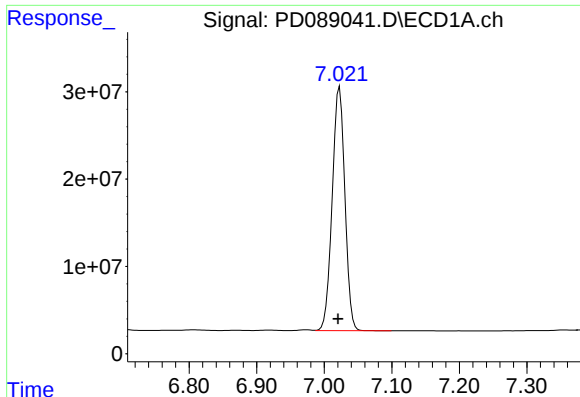
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 2818444
Conc: 0.82 ng/ml



#16 4,4'-DDD

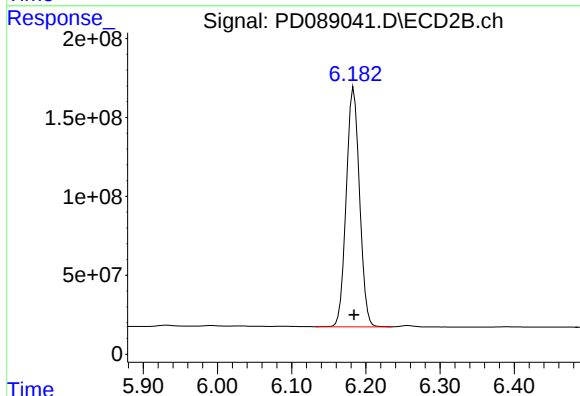
R.T.: 5.931 min
Delta R.T.: 0.001 min
Response: 8879253
Conc: 0.46 ng/ml



#17 4,4'-DDT

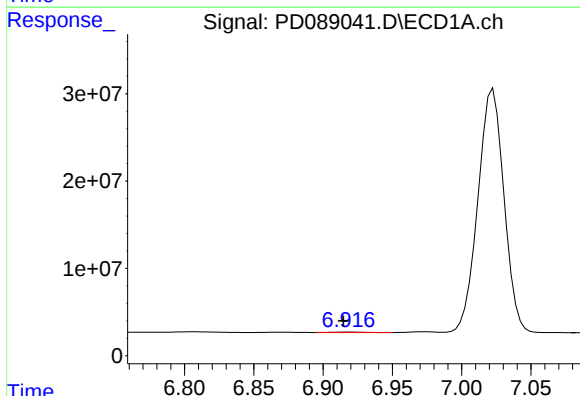
R.T.: 7.023 min
Delta R.T.: 0.002 min
Response: 366513441
Conc: 96.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



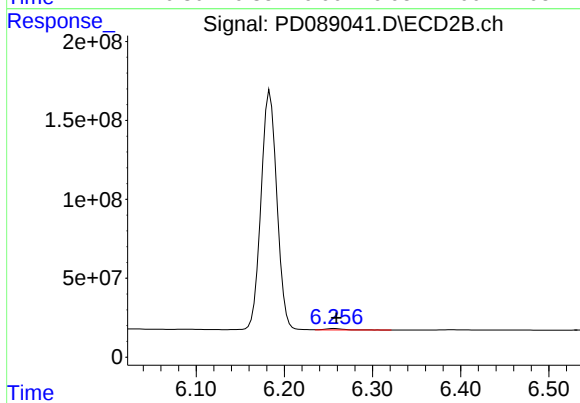
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 1887453358
Conc: 93.07 ng/ml



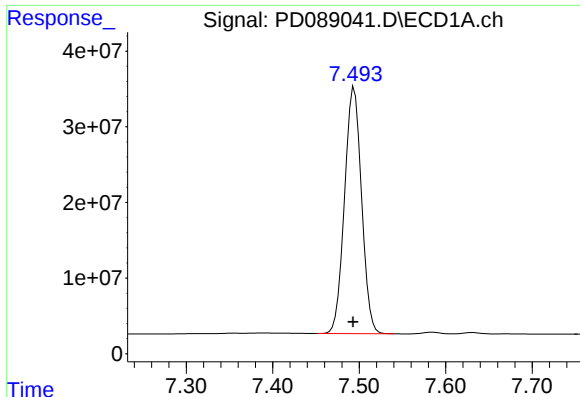
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 847722
Conc: 0.28 ng/ml



#18 Endrin aldehyde

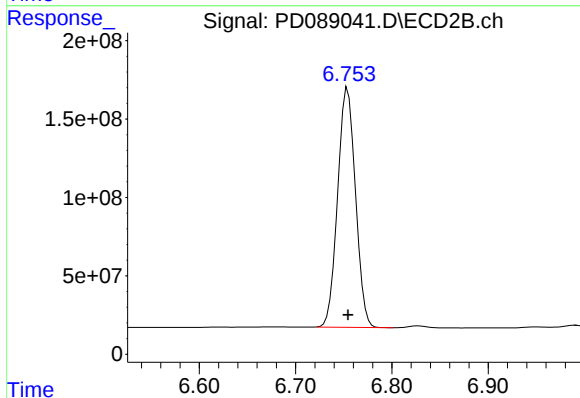
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 10518665
Conc: 0.69 ng/ml



#20 Methoxychlor

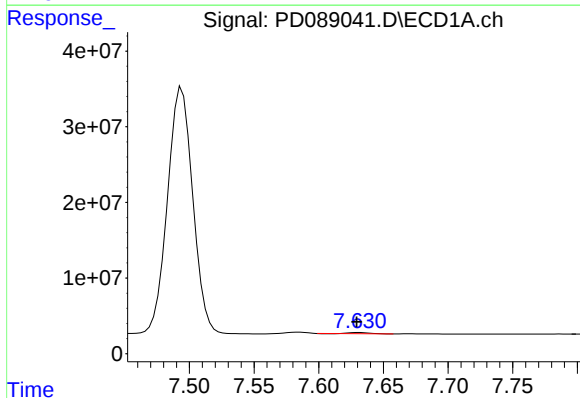
R.T.: 7.494 min
Delta R.T.: 0.002 min
Response: 442592831
Conc: 219.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



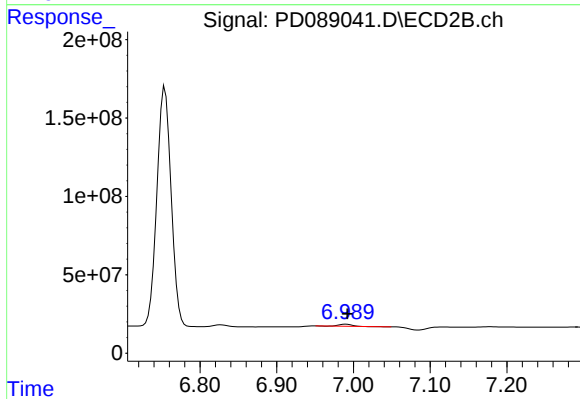
#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 1964241282
Conc: 182.41 ng/ml



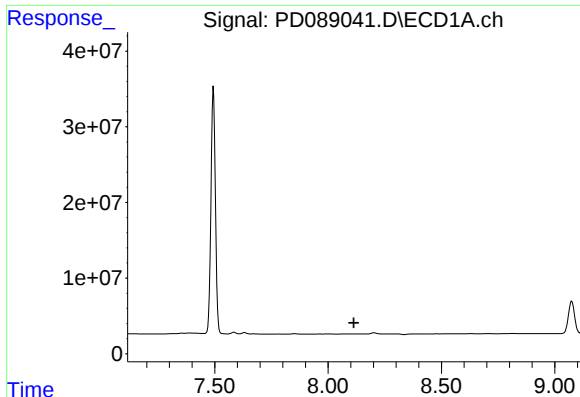
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.002 min
Response: 1425325
Conc: 0.35 ng/ml



#21 Endrin ketone

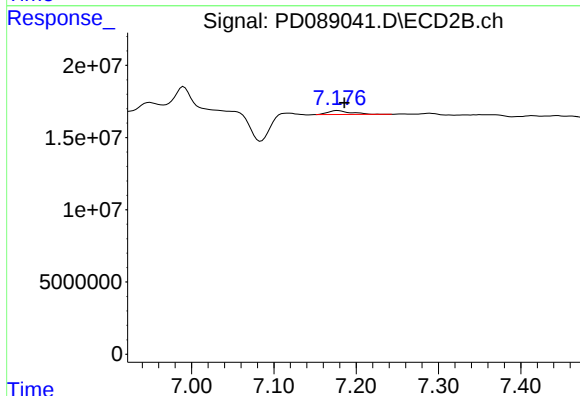
R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 13470732
Conc: 0.62 ng/ml



#22 Mirex

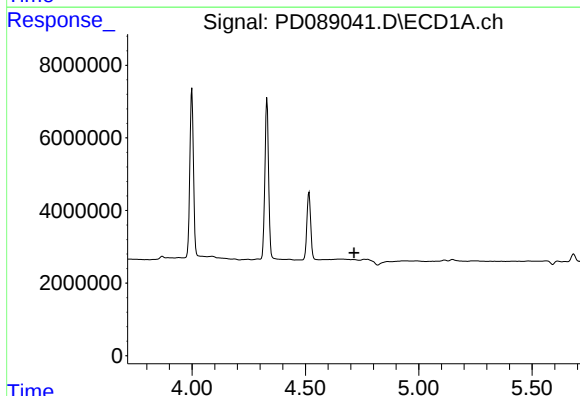
R.T.: 0.000 min
Exp R.T.: 8.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



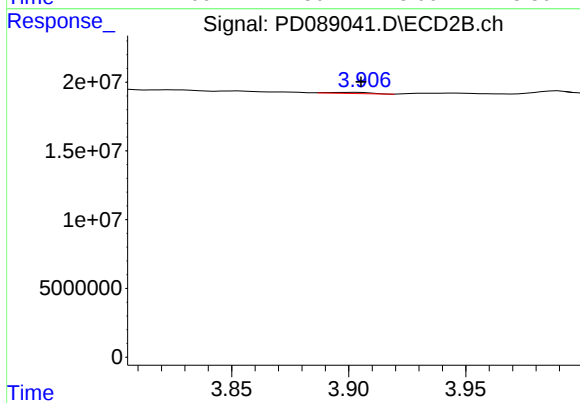
#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.008 min
Response: 5364229
Conc: 0.32 ng/ml



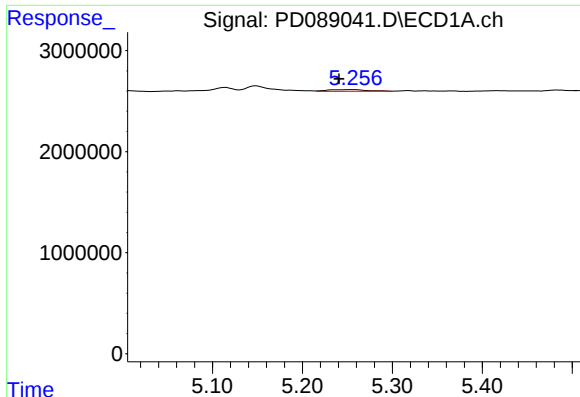
#23 Chlordane-1

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



#23 Chlordane-1

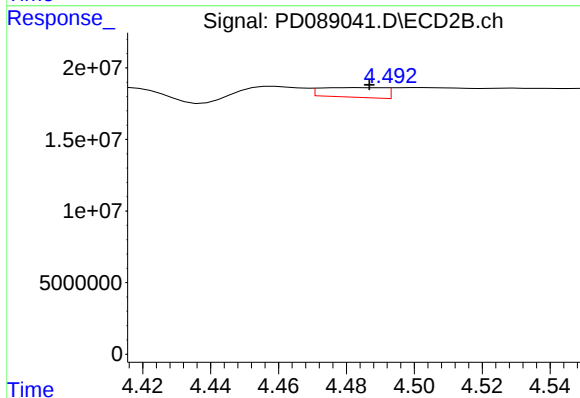
R.T.: 3.904 min
Delta R.T.: -0.002 min
Response: 927132
Conc: 0.99 ng/ml



#24 Chlordane-2

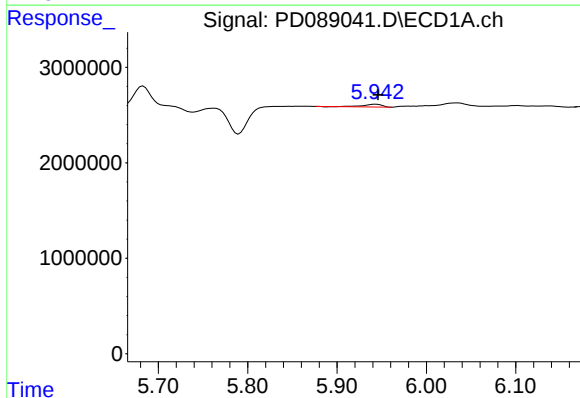
R.T.: 5.258 min
Delta R.T.: 0.017 min
Response: 474838
Conc: 2.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



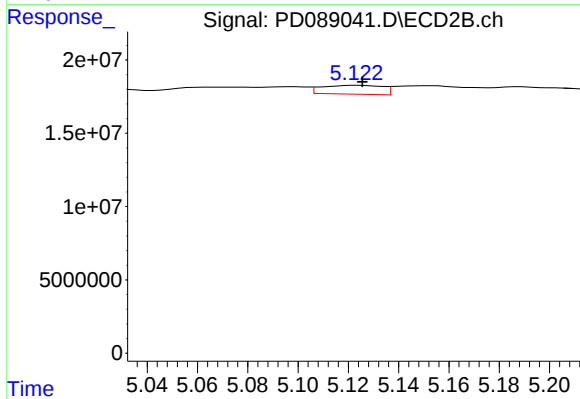
#24 Chlordane-2

R.T.: 4.484 min
Delta R.T.: -0.003 min
Response: 8874512
Conc: 9.33 ng/ml



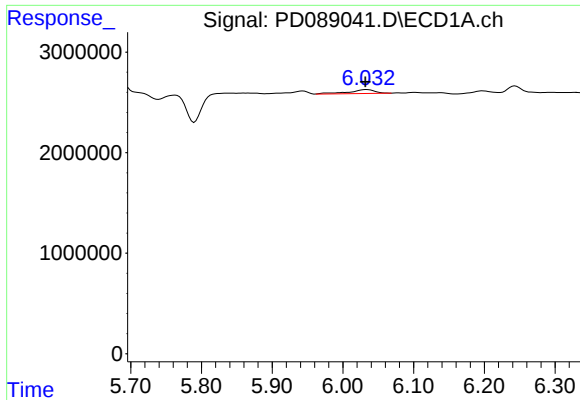
#25 Chlordane-3

R.T.: 5.943 min
Delta R.T.: -0.003 min
Response: 424397
Conc: 0.49 ng/ml



#25 Chlordane-3

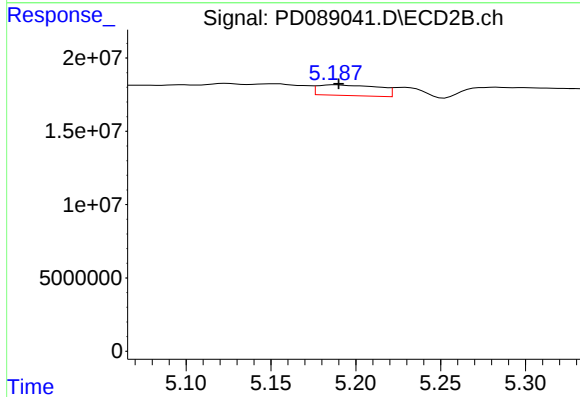
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 10037785
Conc: 3.38 ng/ml



#26 Chlordane-4

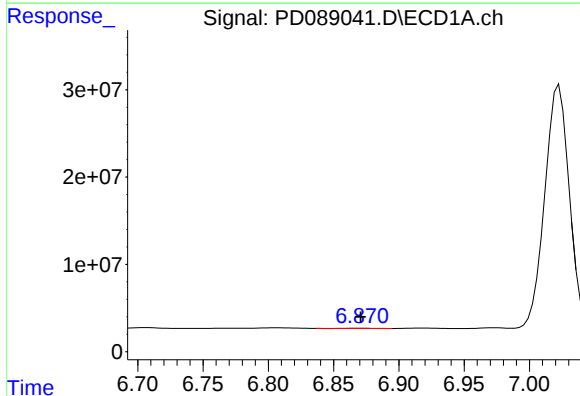
R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 963798
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



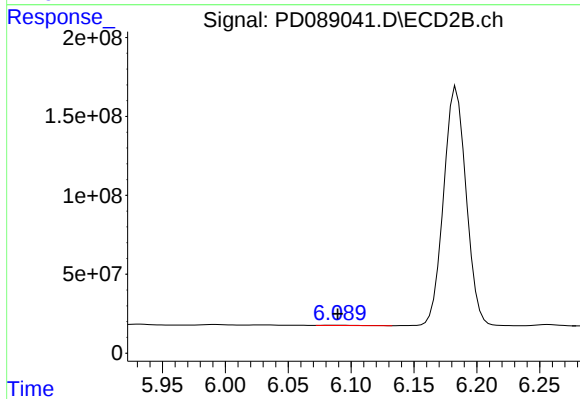
#26 Chlordane-4

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 17981645
Conc: 7.17 ng/ml



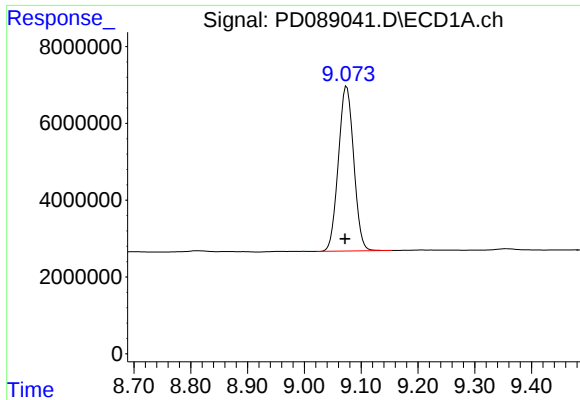
#27 Chlordane-5

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 322143
Conc: 1.76 ng/ml



#27 Chlordane-5

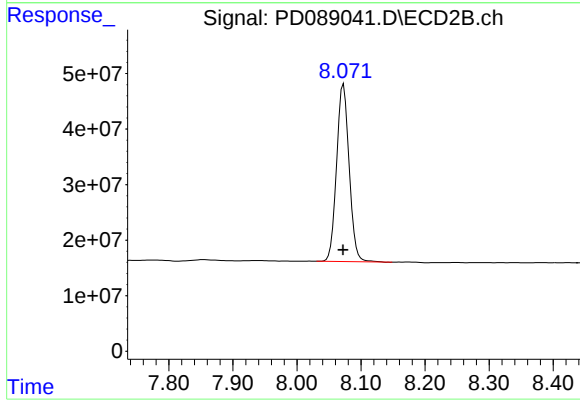
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 1863933
Conc: 1.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.003 min
Response: 80608847
Conc: 20.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 435342986
Conc: 22.02 ng/ml