

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
 Data File : PD089250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2025 19:10
 Operator : AR\AJ
 Sample : Q2452-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EP-2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 01:38:02 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...	3.550	2.881	50327603	330.2E6	17.639	19.476
28)	SA Decachlor...	9.072	8.071	58867820	266.2E6	14.988	13.466
Target Compounds							
2)	A alpha-BHC	3.999	3.393	266.4E6	1239.7E6	45.698	46.263
3)	MA gamma-BHC...	4.330	3.730	252.2E6	1138.1E6	45.179	45.972
4)	MA Heptachlor	4.929	4.082	230.8E6	1063.9E6	42.326	42.490
5)	MB Aldrin	5.271	4.368	238.6E6	1110.6E6	44.900	45.860
6)	B beta-BHC	4.516	4.025	96748585	493.6E6	43.834	45.934
7)	B delta-BHC	4.764	4.262	243.7E6	1138.4E6	47.471	45.765
8)	B Heptachlo...	5.690	4.872	208.6E6	986.4E6	43.237	45.045
9)	A Endosulfan I	6.074	5.246	194.3E6	938.2E6	43.108	45.012
10)	B gamma-Chl...	5.945	5.125	210.6E6	1072.8E6	43.980	44.844
11)	B alpha-Chl...	6.026	5.190	208.2E6	1021.3E6	43.024	44.605
12)	B 4,4'-DDE	6.195	5.374	185.7E6	1007.3E6	42.573	43.955
13)	MA Dieldrin	6.346	5.512	203.8E6	1016.7E6	42.471	43.807
14)	MA Endrin	6.573	5.788	167.5E6	944.2E6	40.608	43.482
15)	B Endosulfa...	6.785	6.080	164.4E6	857.4E6	40.739	42.451
16)	A 4,4'-DDD	6.705	5.928	155.3E6	833.3E6	45.241	43.560
17)	MA 4,4'-DDT	7.020	6.182	125.6E6	708.3E6	33.148	34.929
18)	B Endrin al...	6.914	6.258	128.0E6	641.0E6	41.774	41.867
19)	B Endosulfa...	7.148	6.481	152.2E6	804.0E6	39.656	40.975
20)	A Methoxychlor	7.492	6.753	66690609	357.9E6	33.005	33.238
21)	B Endrin ke...	7.629	6.990	166.3E6	865.2E6	40.823	40.053
22)	Mirex	8.113	7.184	119.5E6	633.9E6	39.308	38.006
23)	Chlordane-1	0.000	3.900	0	4726489	N.D.	5.070 #
24)	Chlordane-2	5.271f	4.501	238.6E6	6156016	1092.696	6.469 #
25)	Chlordane-3	5.945	5.125	210.6E6	1072.8E6	244.158	361.185 #
26)	Chlordane-4	6.026	5.190	208.2E6	1021.3E6	198.129	407.430 #
27)	Chlordane-5	0.000	6.080	0	857.4E6	N.D.	757.626 #

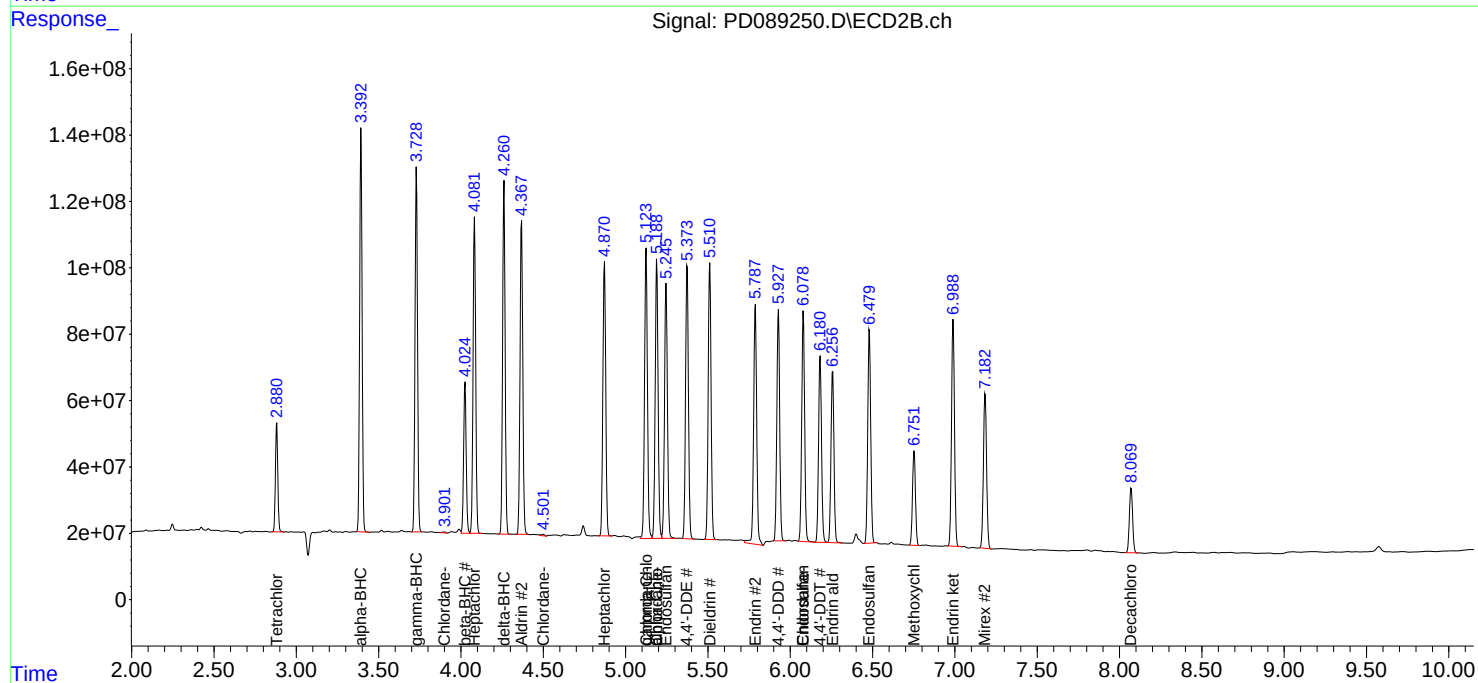
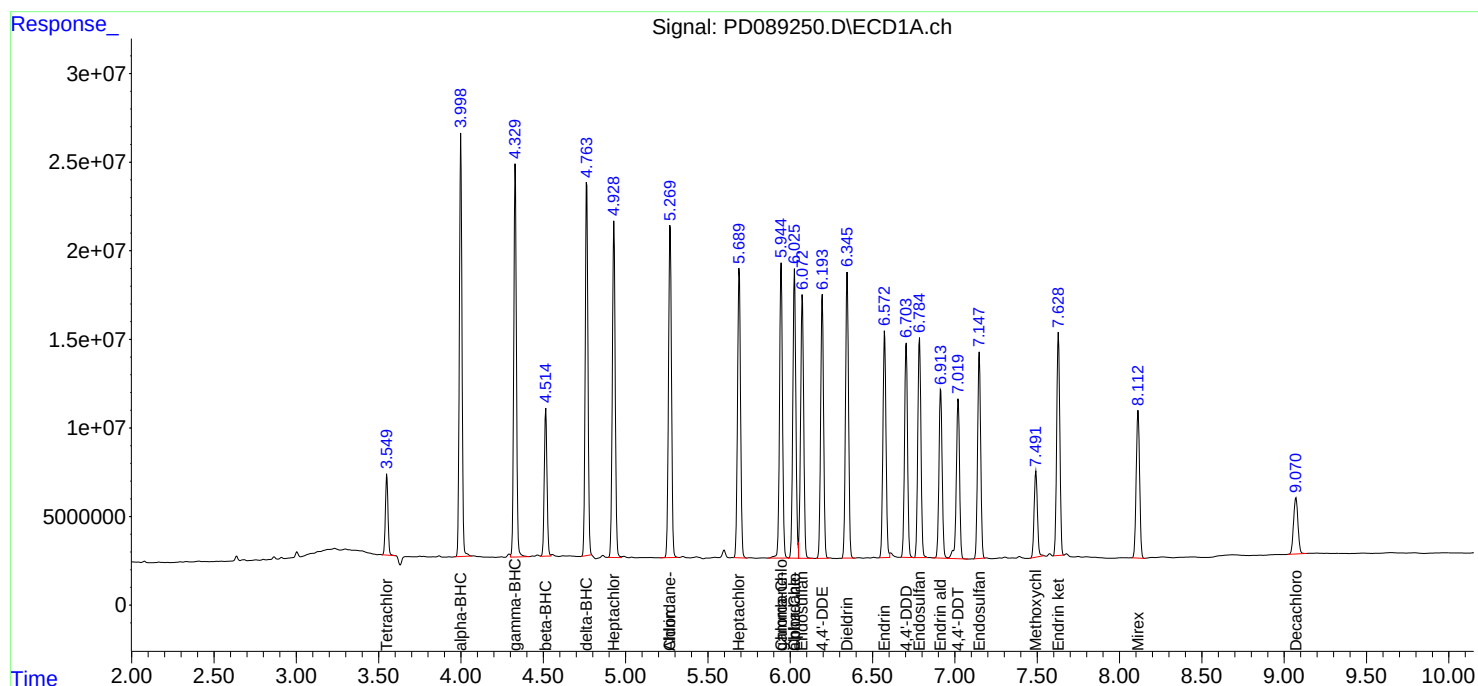
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

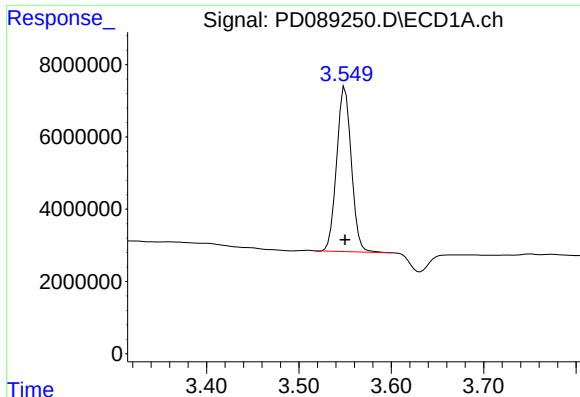
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
Data File : PD089250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2025 19:10
Operator : AR\AJ
Sample : Q2452-05MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
EP-2MSD

Integration File signal 1: autoint1.e
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Quant Time: Jul 01 01:38:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

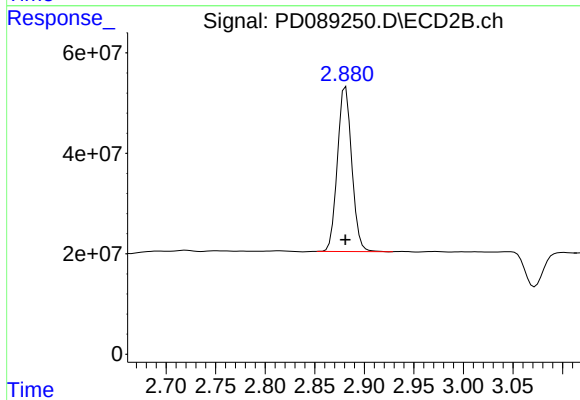




#1 Tetrachloro-m-xylene

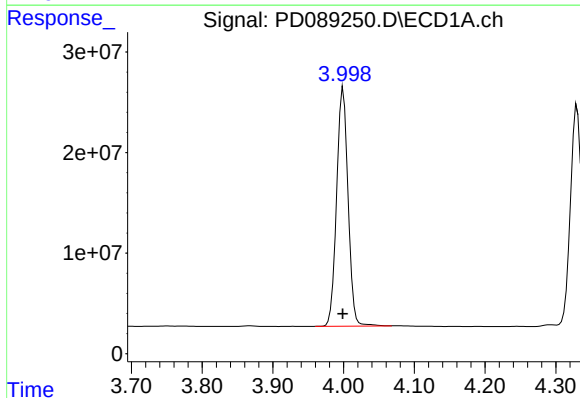
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 50327603
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



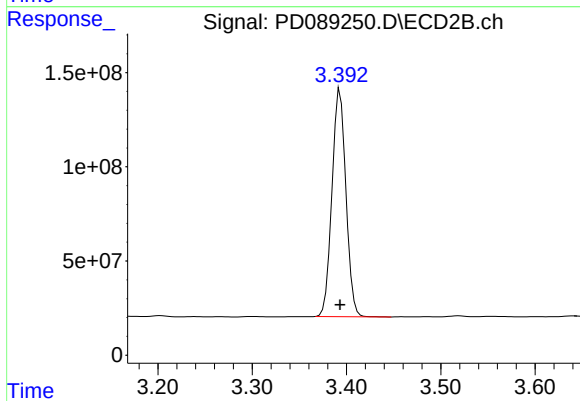
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 330187190
Conc: 19.48 ng/ml



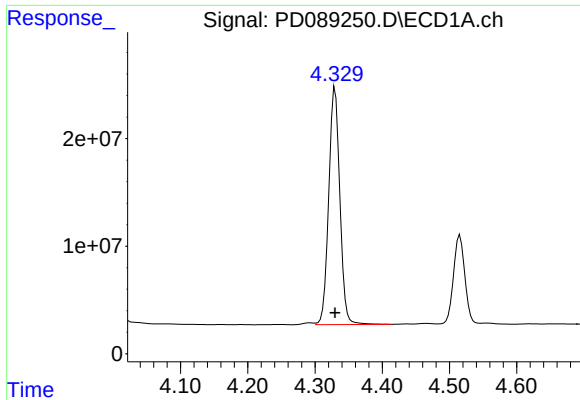
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 266375114
Conc: 45.70 ng/ml



#2 alpha-BHC

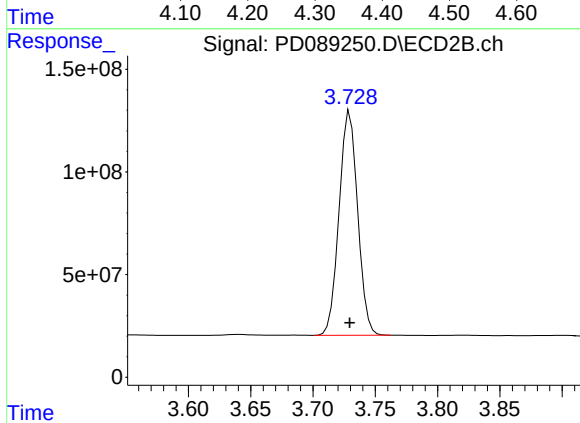
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1239716310
Conc: 46.26 ng/ml



#3 gamma-BHC (Lindane)

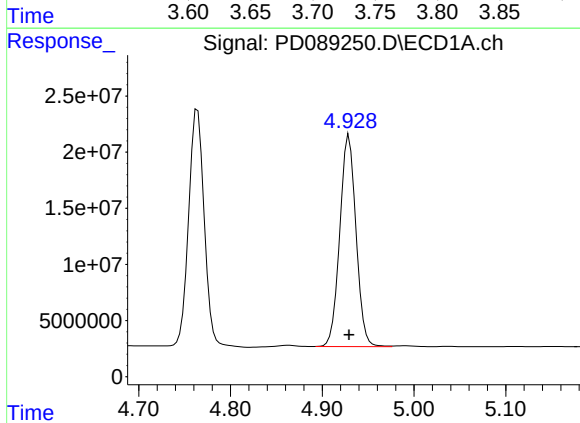
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 252175547
Conc: 45.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



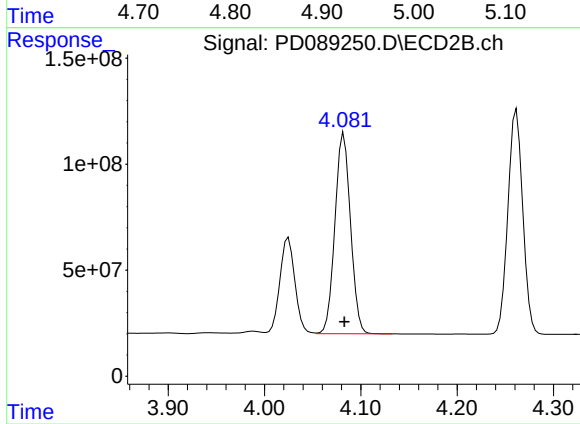
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1138129665
Conc: 45.97 ng/ml



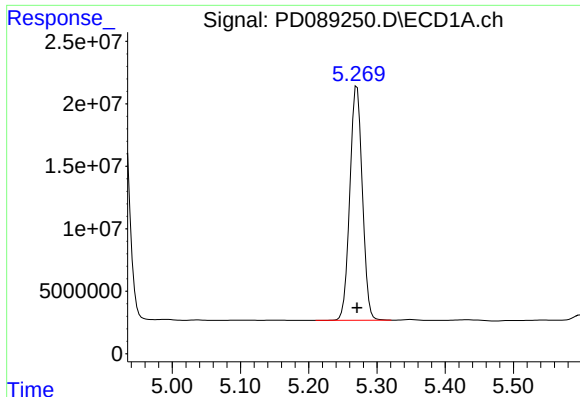
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 230761630
Conc: 42.33 ng/ml



#4 Heptachlor

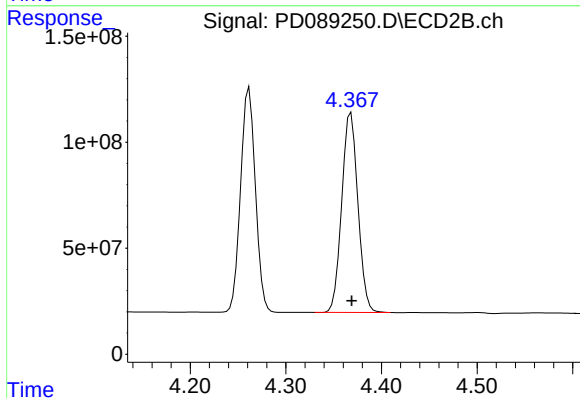
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1063888306
Conc: 42.49 ng/ml



#5 Aldrin

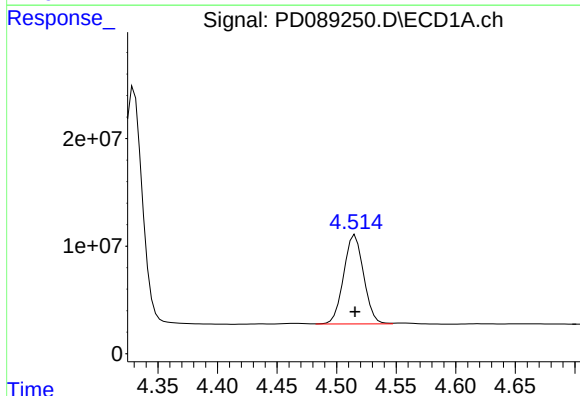
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 238550568
Conc: 44.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



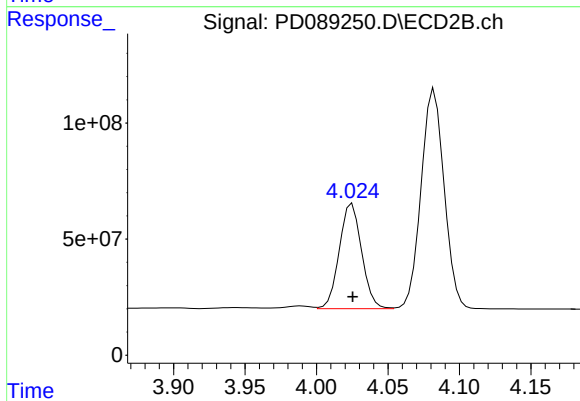
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1110611194
Conc: 45.86 ng/ml



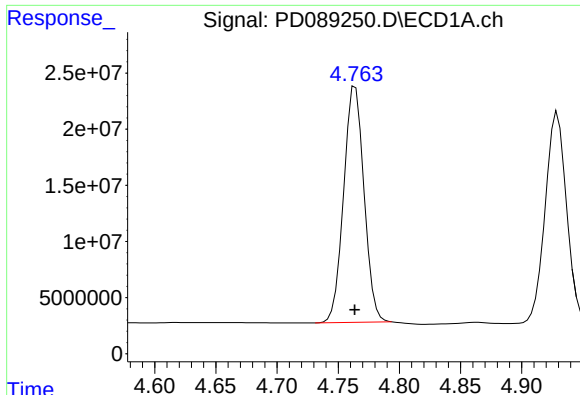
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 96748585
Conc: 43.83 ng/ml



#6 beta-BHC

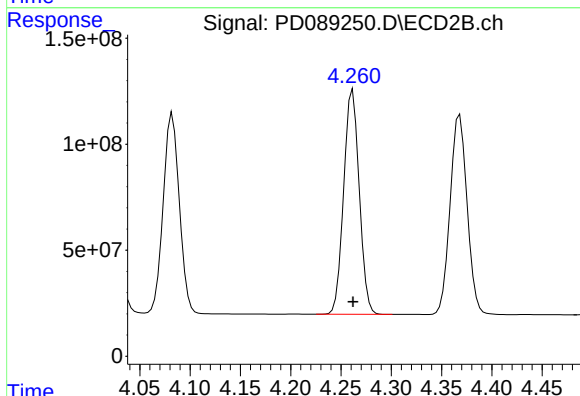
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 493619080
Conc: 45.93 ng/ml



#7 delta-BHC

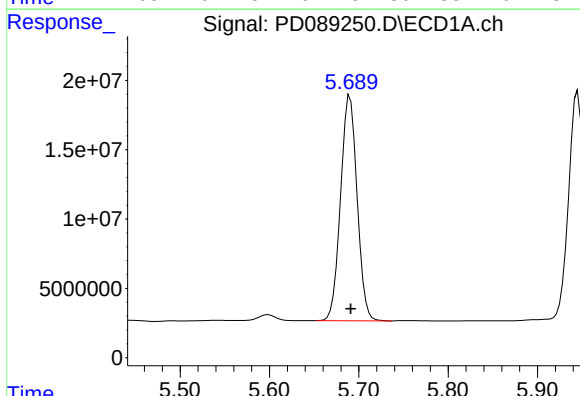
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 243662165
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



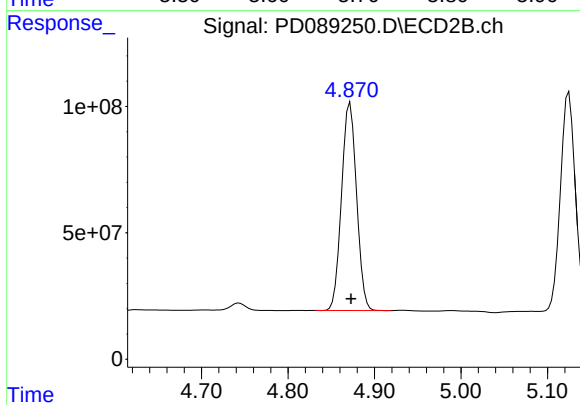
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1138353676
Conc: 45.77 ng/ml



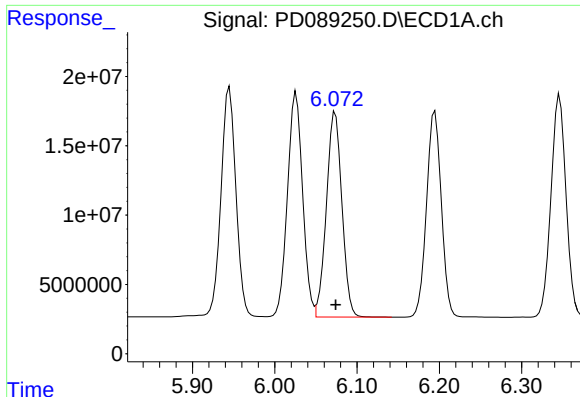
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 208571849
Conc: 43.24 ng/ml



#8 Heptachlor epoxide

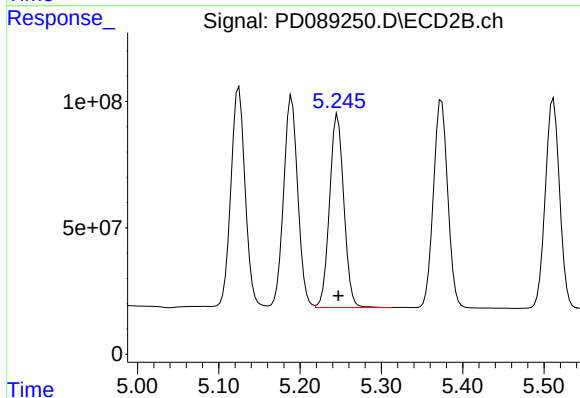
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 986400270
Conc: 45.05 ng/ml



#9 Endosulfan I

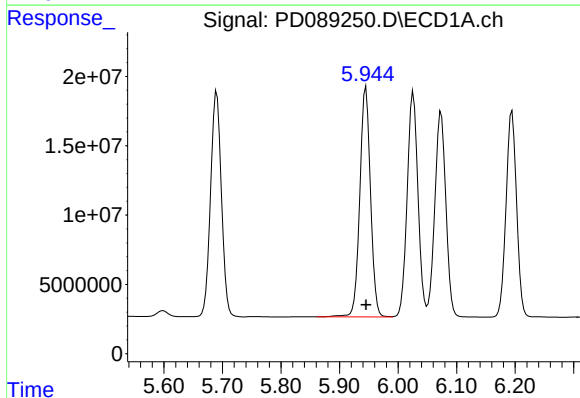
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 194308546
Conc: 43.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



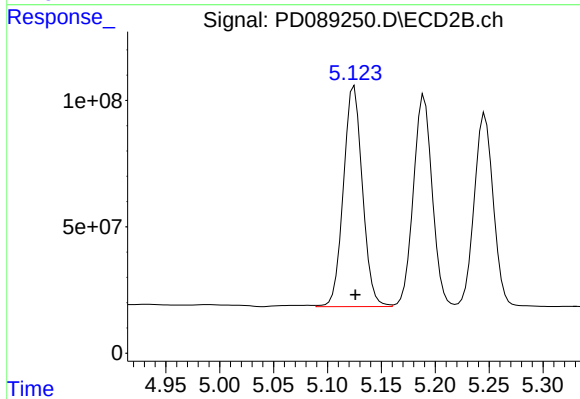
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 938164036
Conc: 45.01 ng/ml



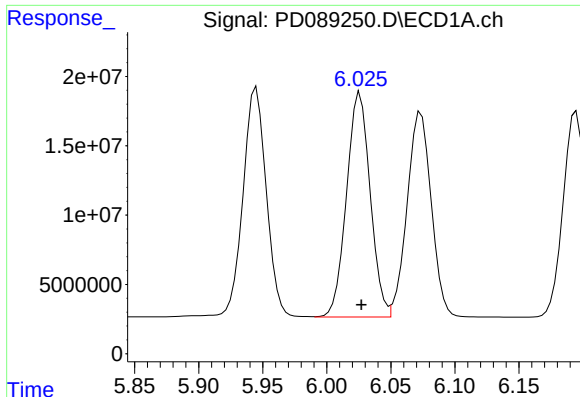
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 210581484
Conc: 43.98 ng/ml



#10 gamma-Chlordane

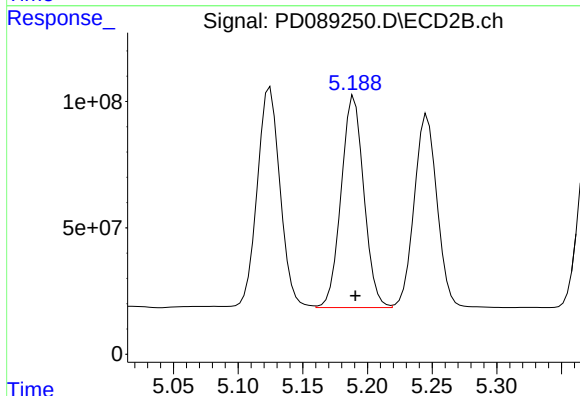
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1072790075
Conc: 44.84 ng/ml



#11 alpha-Chlordane

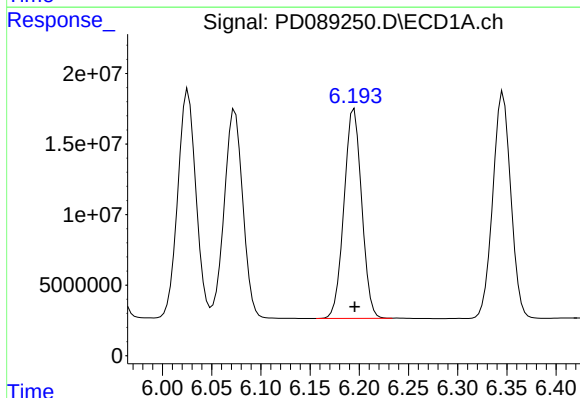
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 208175544
Conc: 43.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



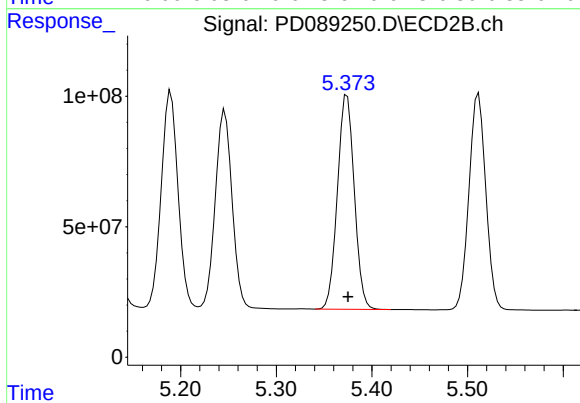
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1021312820
Conc: 44.61 ng/ml



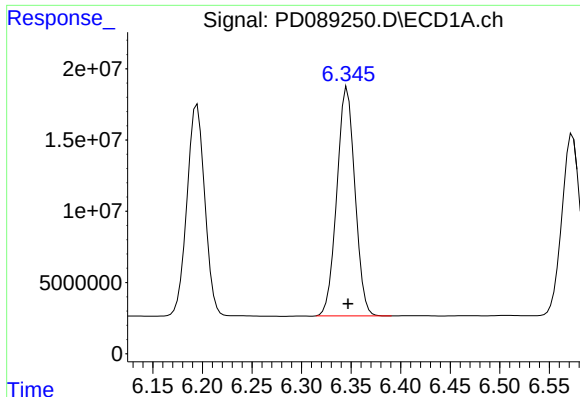
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 185662417
Conc: 42.57 ng/ml



#12 4,4'-DDE

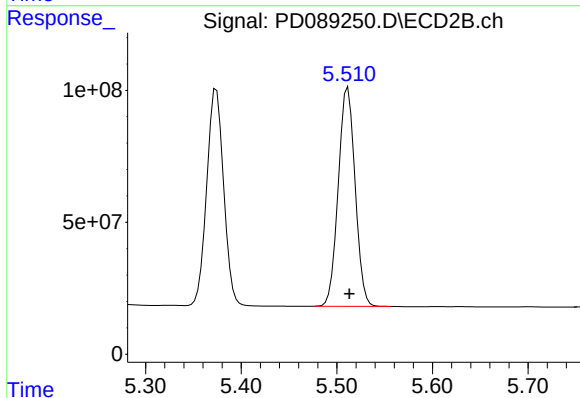
R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 1007276695
Conc: 43.96 ng/ml



#13 Dieldrin

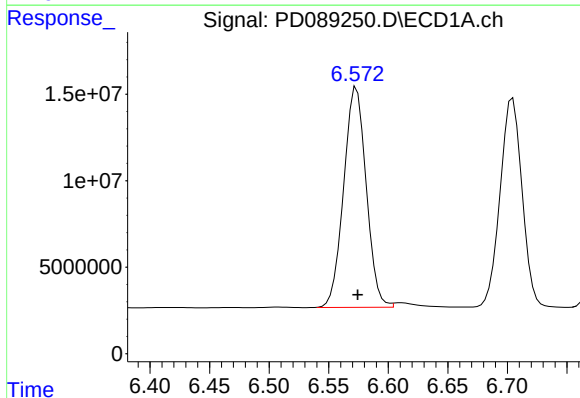
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 203754847
Conc: 42.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



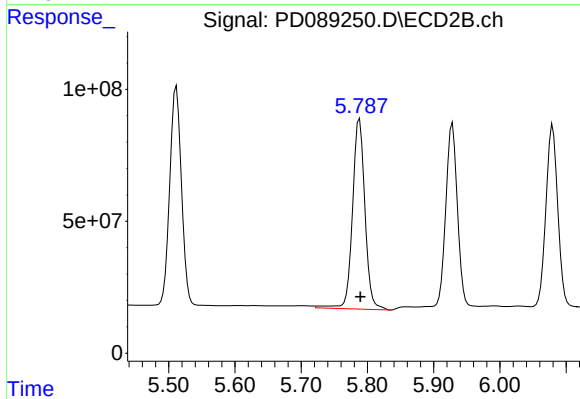
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 1016688390
Conc: 43.81 ng/ml



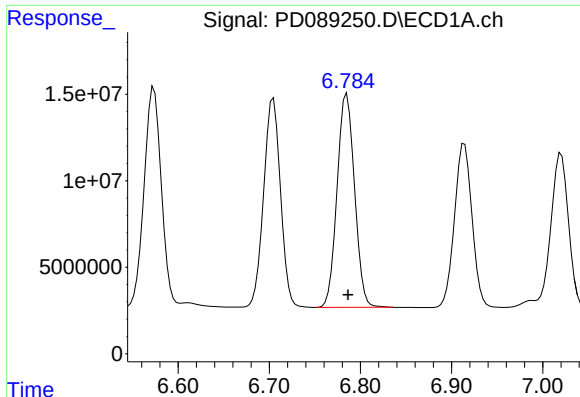
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 167533572
Conc: 40.61 ng/ml



#14 Endrin

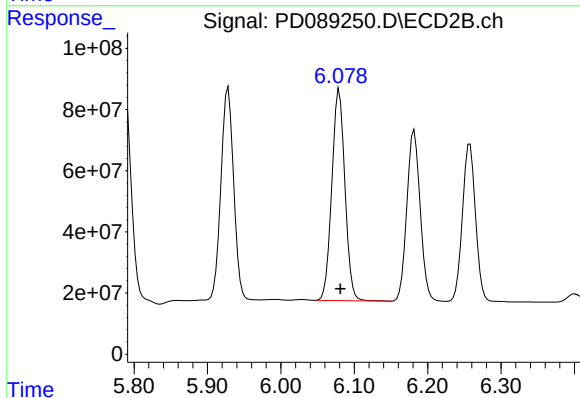
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 944161197
Conc: 43.48 ng/ml



#15 Endosulfan II

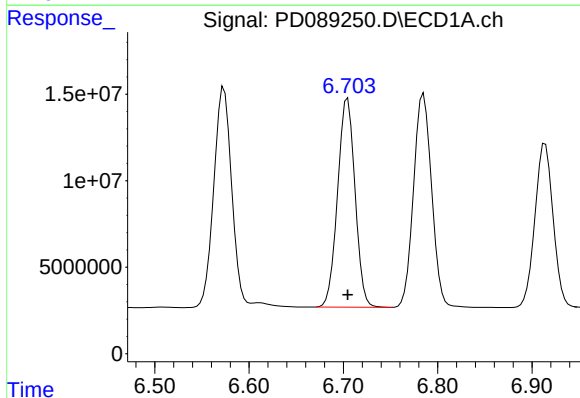
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 164446898
Conc: 40.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



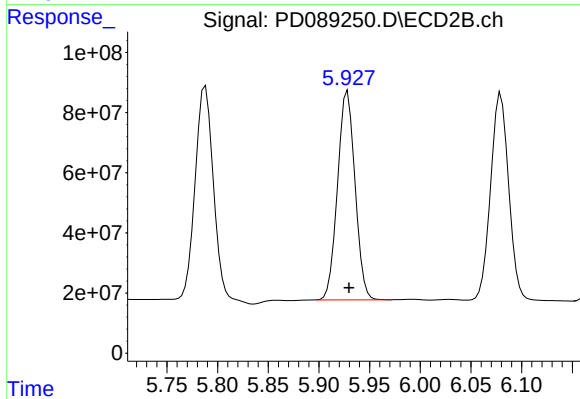
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 857375936
Conc: 42.45 ng/ml



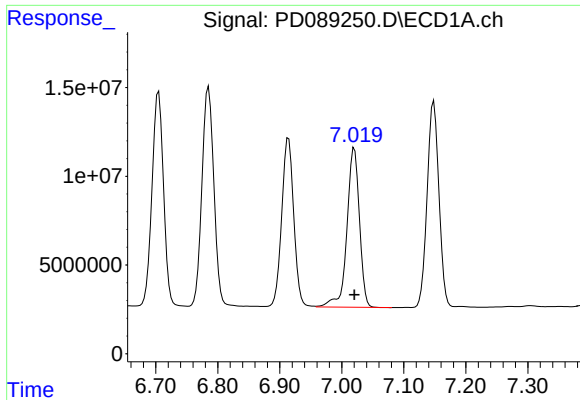
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 155268600
Conc: 45.24 ng/ml



#16 4,4'-DDD

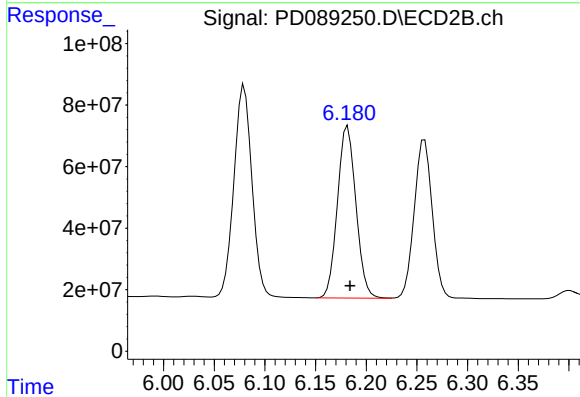
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 833283458
Conc: 43.56 ng/ml



#17 4,4'-DDT

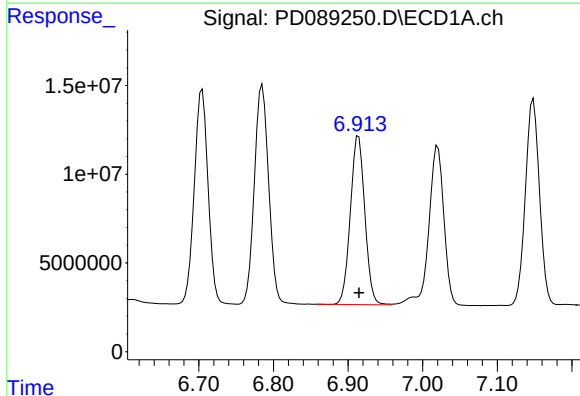
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 125572064
Conc: 33.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



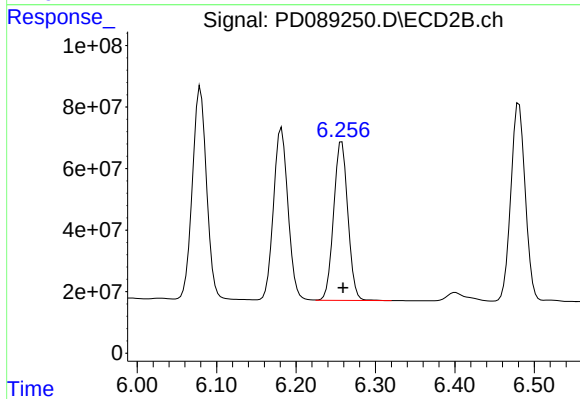
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 708336517
Conc: 34.93 ng/ml



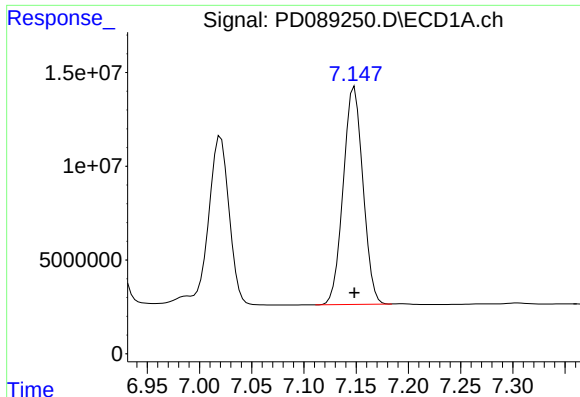
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 127992249
Conc: 41.77 ng/ml



#18 Endrin aldehyde

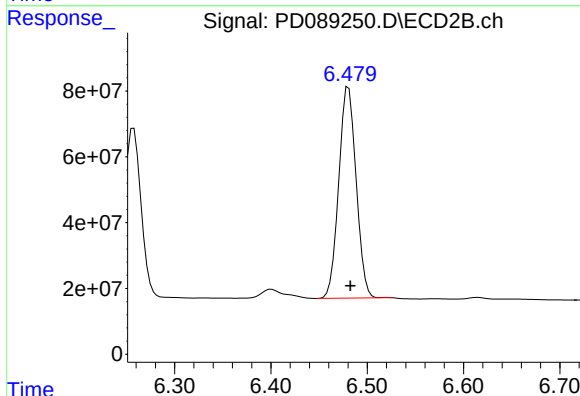
R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 641046434
Conc: 41.87 ng/ml



#19 Endosulfan Sulfate

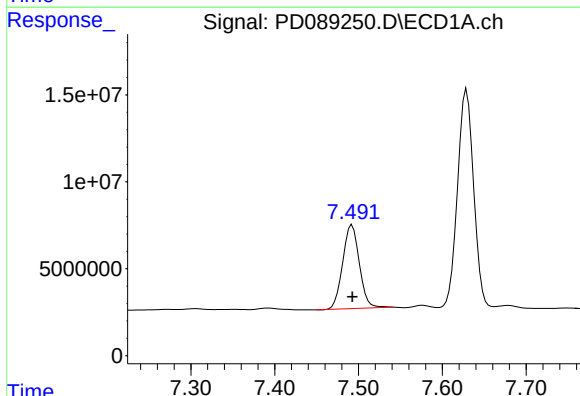
R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 152167377
Conc: 39.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



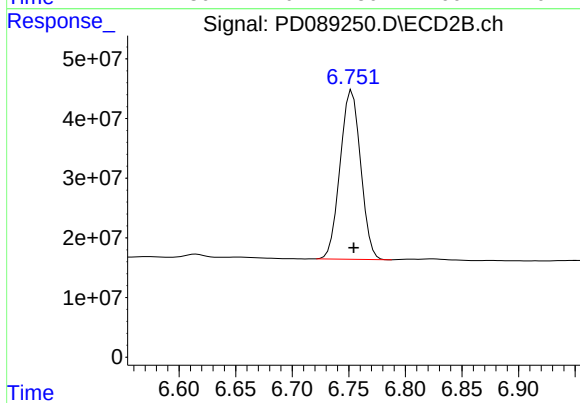
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 803974910
Conc: 40.98 ng/ml



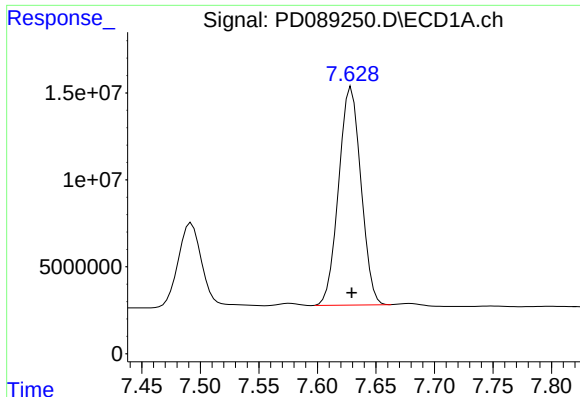
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 66690609
Conc: 33.00 ng/ml



#20 Methoxychlor

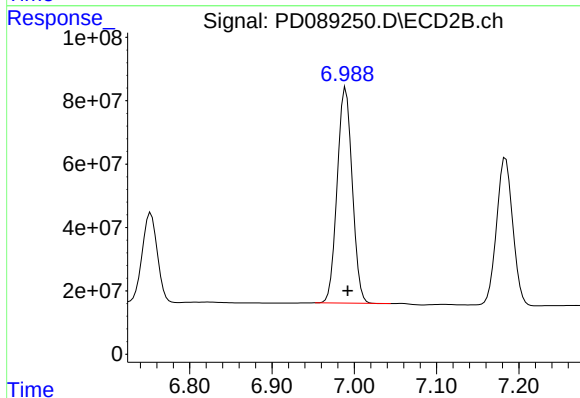
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 357908300
Conc: 33.24 ng/ml



#21 Endrin ketone

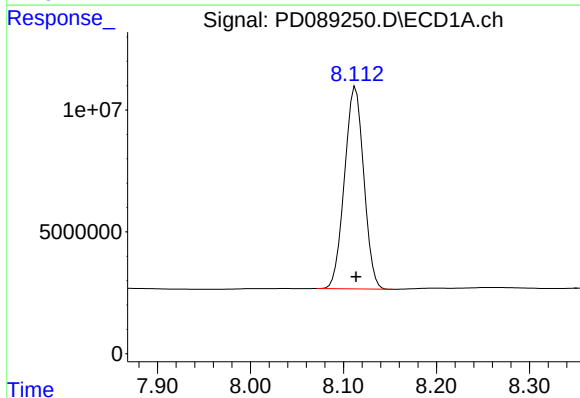
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 166273430
Conc: 40.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



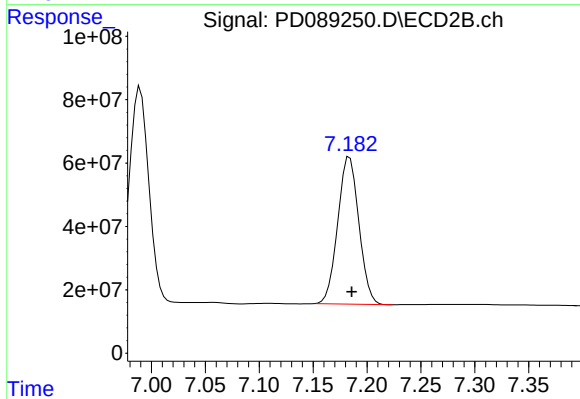
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 865214493
Conc: 40.05 ng/ml



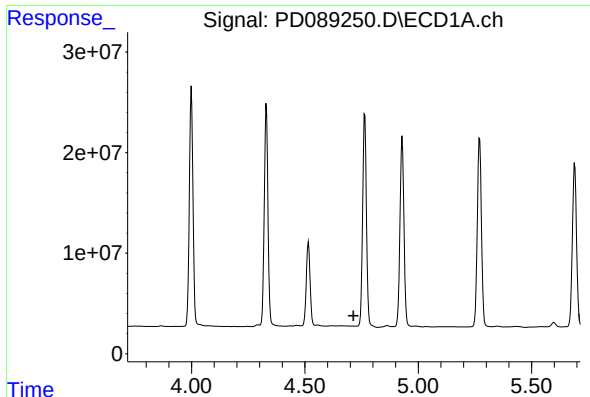
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 119502591
Conc: 39.31 ng/ml



#22 Mirex

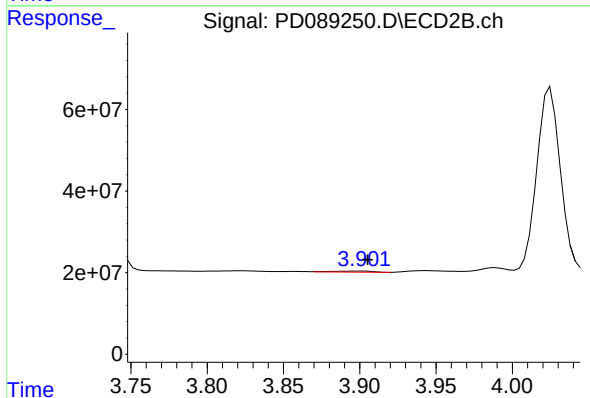
R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 633878383
Conc: 38.01 ng/ml



#23 Chlordane-1

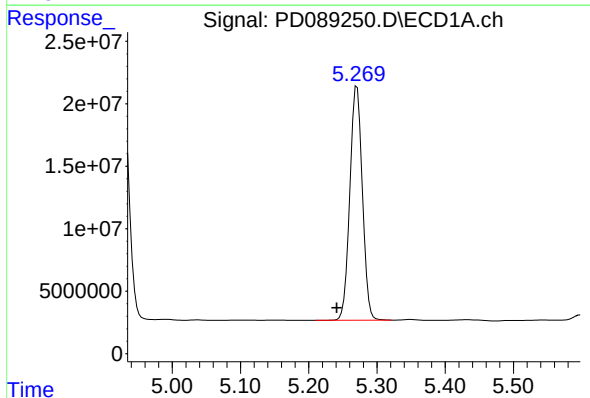
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



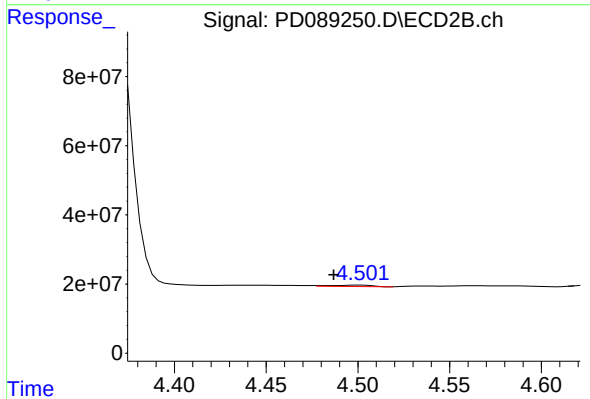
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 4726489
Conc: 5.07 ng/ml



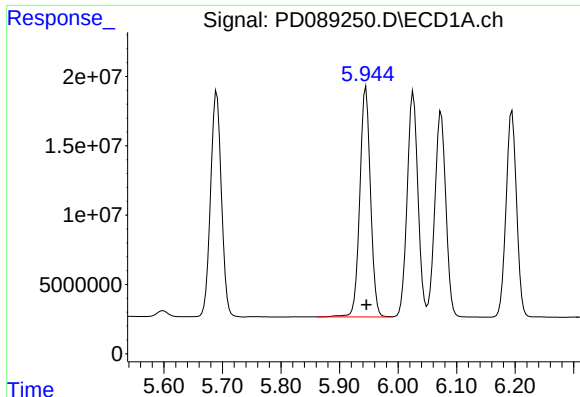
#24 Chlordane-2

R.T.: 5.271 min
Delta R.T.: 0.030 min
Response: 238550568
Conc: 1092.70 ng/ml



#24 Chlordane-2

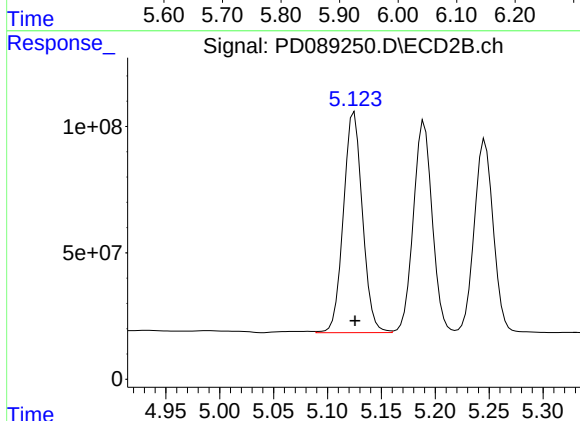
R.T.: 4.501 min
Delta R.T.: 0.014 min
Response: 6156016
Conc: 6.47 ng/ml



#25 Chlordane-3

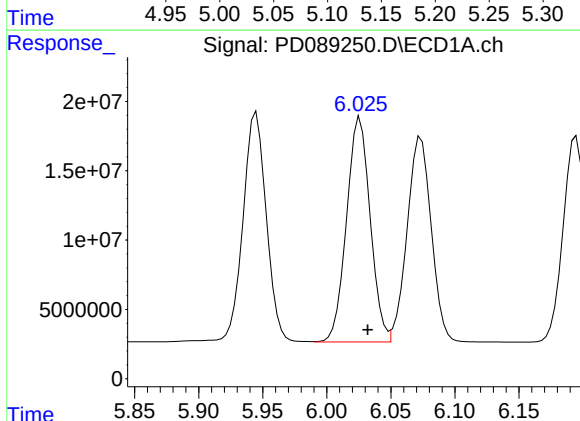
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 210581484
Conc: 244.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



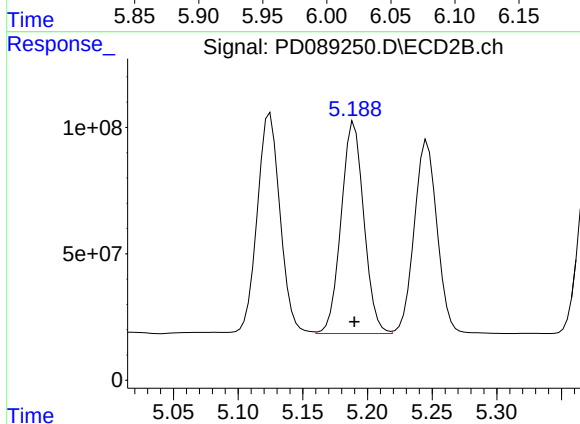
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1072790075
Conc: 361.18 ng/ml



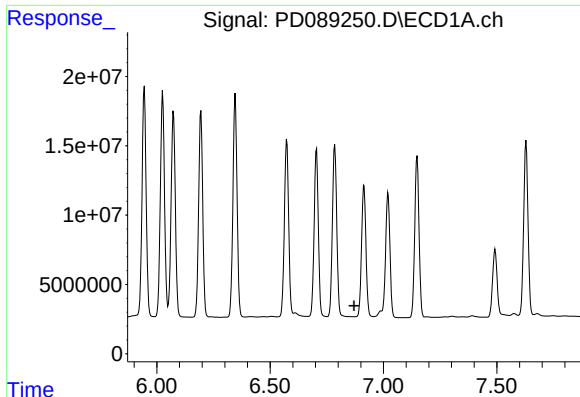
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 208175544
Conc: 198.13 ng/ml



#26 Chlordane-4

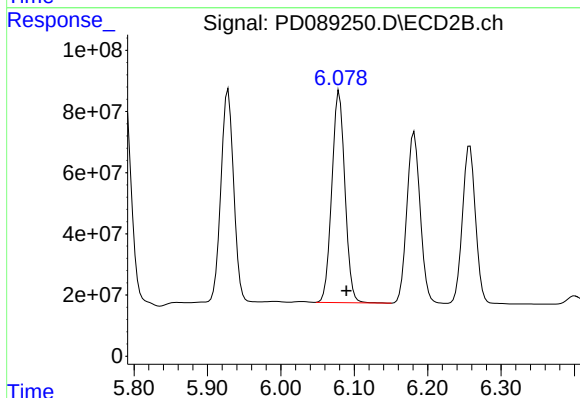
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1021312820
Conc: 407.43 ng/ml



#27 Chlordane-5

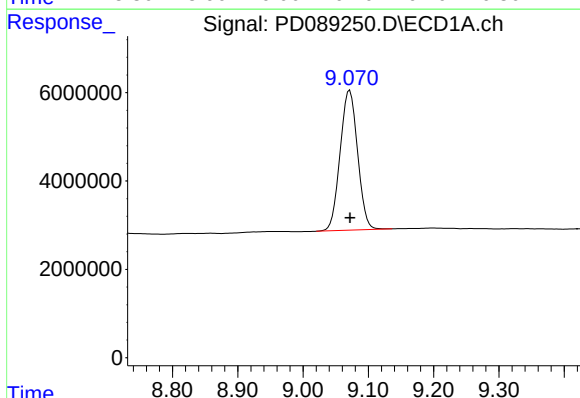
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
EP-2MSD



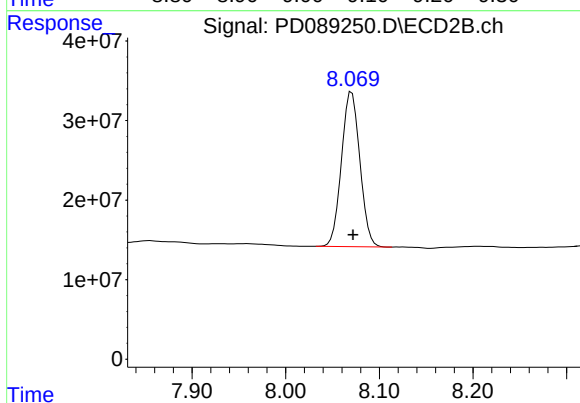
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.010 min
Response: 857375936
Conc: 757.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 58867820
Conc: 14.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 266224320
Conc: 13.47 ng/ml