

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
 Data File : PD089249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2025 18:57
 Operator : AR\AJ
 Sample : Q2452-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EP-2MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 01:37:47 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	48746245	321.9E6	17.085	18.989
28)	SA Decachlor...	9.071	8.072	55949759	249.5E6	14.245	12.622
Target Compounds							
2)	A alpha-BHC	3.999	3.393	257.2E6	1210.5E6	44.129	45.173
3)	MA gamma-BHC...	4.330	3.730	244.3E6	1101.3E6	43.770	44.483
4)	MA Heptachlor	4.929	4.083	217.1E6	1025.0E6	39.821	40.937
5)	MB Aldrin	5.271	4.369	228.8E6	1076.9E6	43.057	44.470
6)	B beta-BHC	4.516	4.025	94002362	479.4E6	42.590	44.613
7)	B delta-BHC	4.764	4.262	231.1E6	1095.7E6	45.020	44.051
8)	B Heptachlo...	5.691	4.872	198.8E6	953.7E6	41.220	43.551
9)	A Endosulfan I	6.074	5.246	183.8E6	896.4E6	40.770	43.008
10)	B gamma-Chl...	5.946	5.125	197.2E6	1026.6E6	41.180	42.911
11)	B alpha-Chl...	6.026	5.189	195.5E6	976.8E6	40.401	42.662
12)	B 4,4'-DDE	6.195	5.374	177.7E6	966.0E6	40.738	42.153
13)	MA Dieldrin	6.346	5.512	193.2E6	978.7E6	40.268	42.169
14)	MA Endrin	6.574	5.789	156.5E6	870.7E6	37.927	40.100
15)	B Endosulfa...	6.786	6.080	157.9E6	809.6E6	39.109	40.084
16)	A 4,4'-DDD	6.704	5.929	144.7E6	793.0E6	42.167	41.455
17)	MA 4,4'-DDT	7.021	6.183	115.6E6	654.3E6	30.511	32.264
18)	B Endrin al...	6.914	6.258	119.6E6	599.2E6	39.050	39.138
19)	B Endosulfa...	7.149	6.481	146.0E6	753.1E6	38.047	38.381
20)	A Methoxychlor	7.492	6.753	59522521	329.8E6	29.457	30.632
21)	B Endrin ke...	7.630	6.990	156.3E6	804.1E6	38.378	37.225
22)	Mirex	8.113	7.185	113.7E6	602.6E6	37.401	36.133
23)	Chlordane-1	0.000	3.902	0	4461068	N.D.	4.785 #
24)	Chlordane-2	0.000	4.500	0	7890442	N.D.	8.292 #
25)	Chlordane-3	5.946	5.125	197.2E6	1026.6E6	228.611	345.619 #
26)	Chlordane-4	6.026	5.189	195.5E6	976.8E6	186.046	389.685 #
27)	Chlordane-5	0.000	6.080	0	809.6E6	N.D.	715.373 #

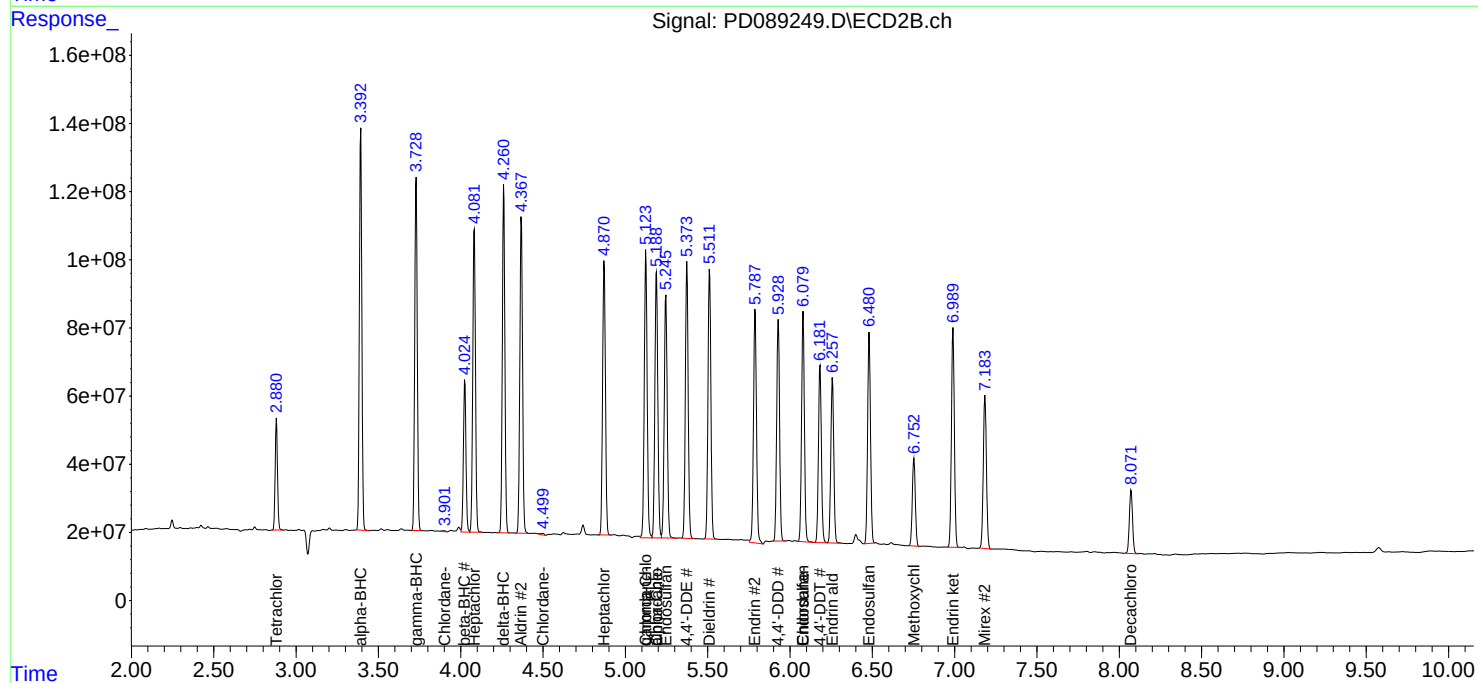
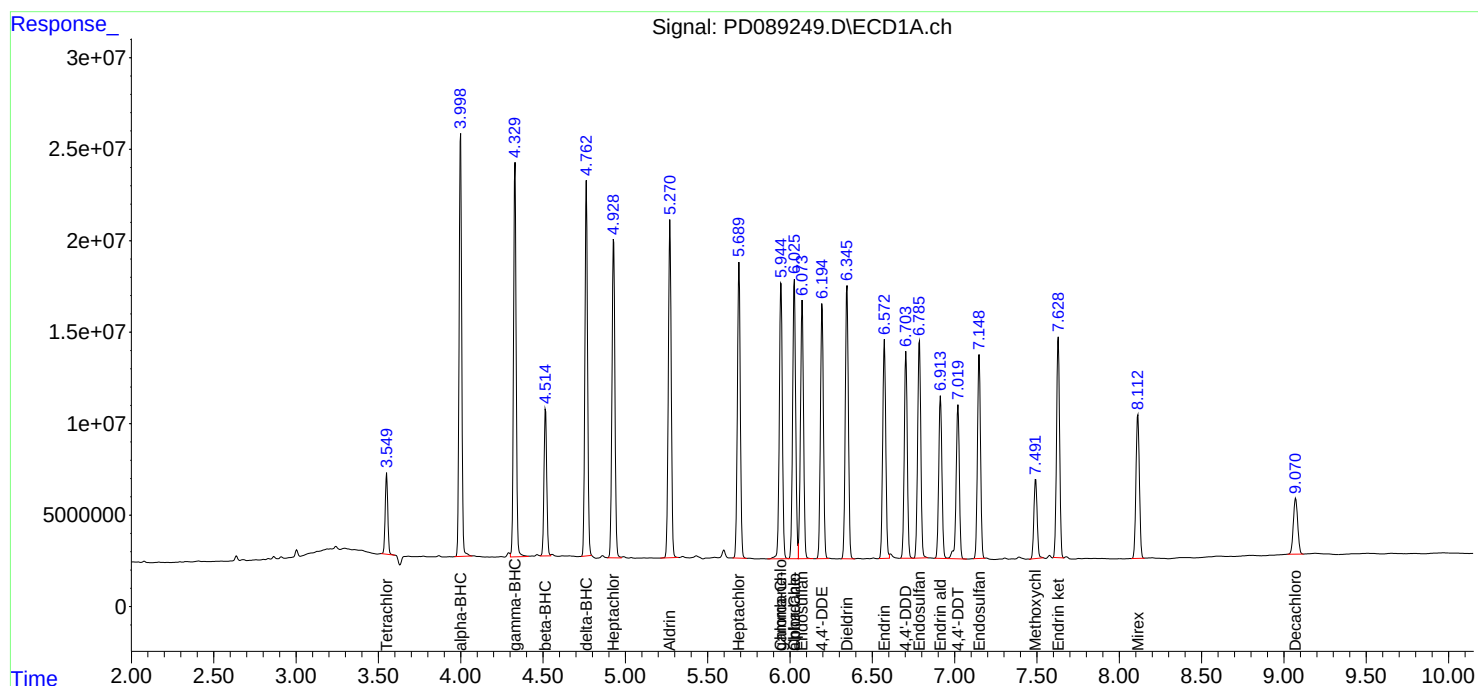
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

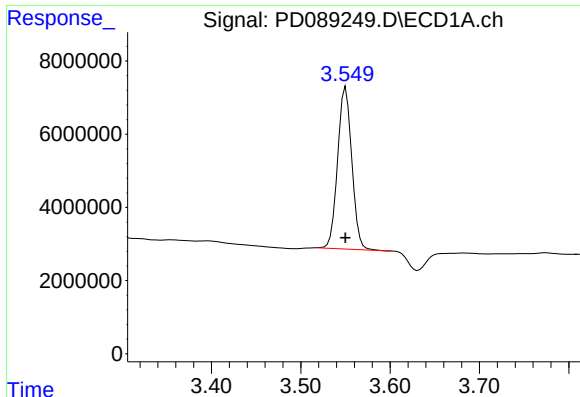
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
Data File : PD089249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2025 18:57
Operator : AR\AJ
Sample : Q2452-05MS
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ALS Vial : 20 Sample Multiplier: 1

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ECD_D
ClientSampleId :
EP-2MS

Integration File signal 1: autoint1.e
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Quant Time: Jul 01 01:37:47 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

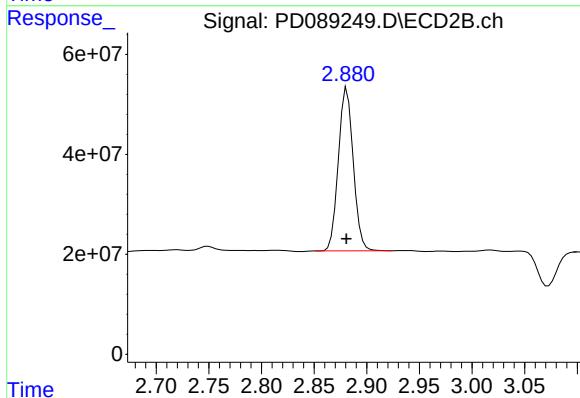




#1 Tetrachloro-m-xylene

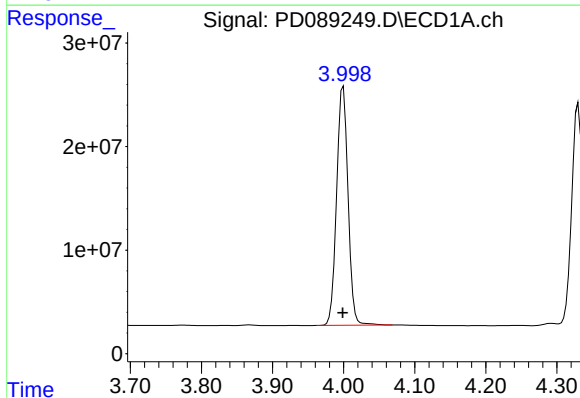
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 48746245
Conc: 17.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



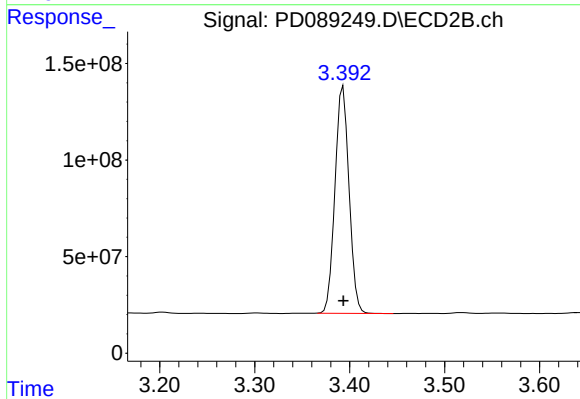
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 321915336
Conc: 18.99 ng/ml



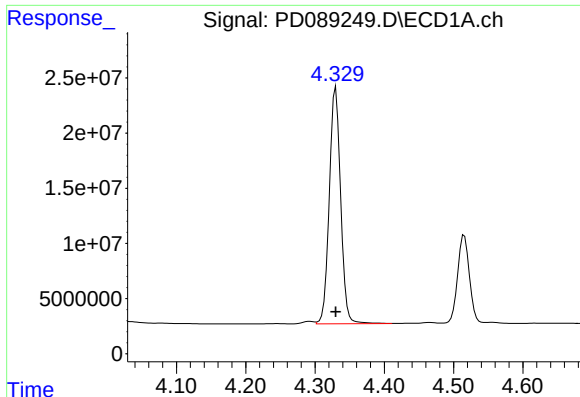
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 257230323
Conc: 44.13 ng/ml



#2 alpha-BHC

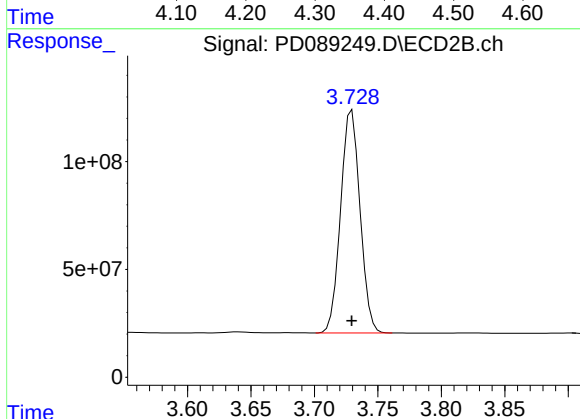
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1210517380
Conc: 45.17 ng/ml



#3 gamma-BHC (Lindane)

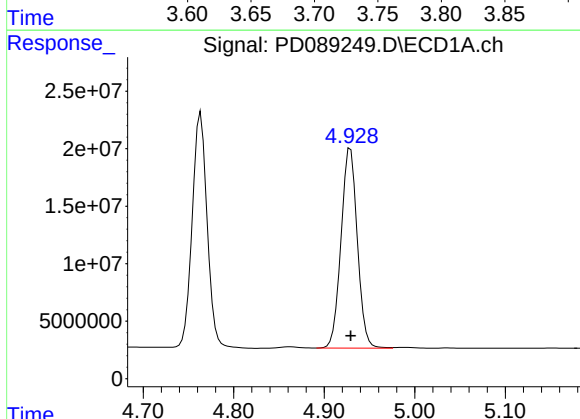
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 244309743
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



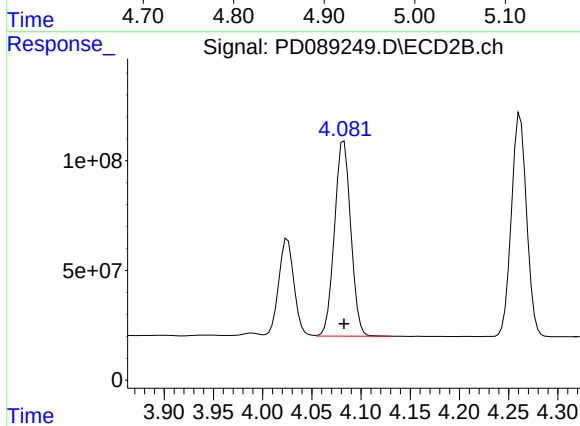
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1101253570
Conc: 44.48 ng/ml



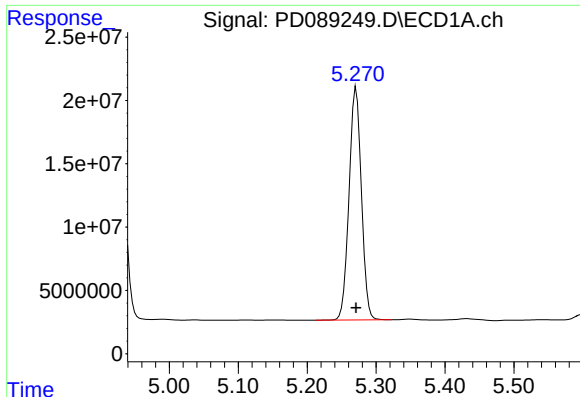
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 217104719
Conc: 39.82 ng/ml



#4 Heptachlor

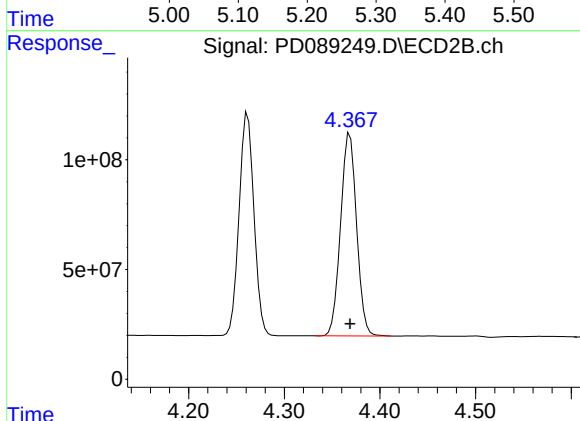
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1024992706
Conc: 40.94 ng/ml



#5 Aldrin

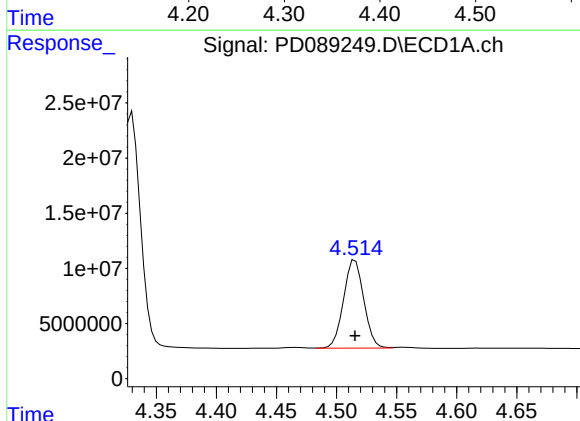
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 228762695
Conc: 43.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



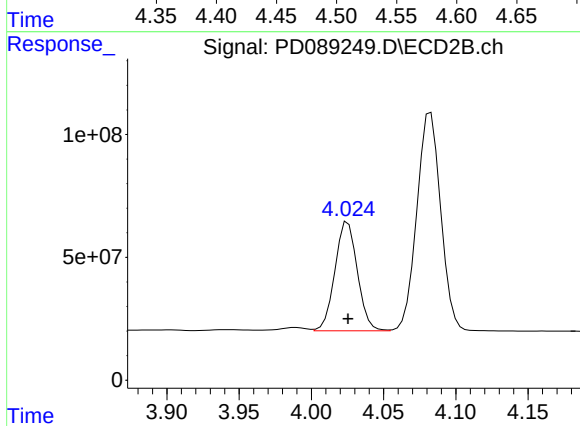
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1076939705
Conc: 44.47 ng/ml



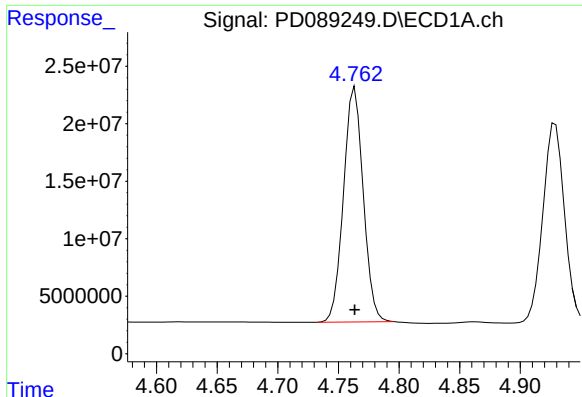
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 94002362
Conc: 42.59 ng/ml



#6 beta-BHC

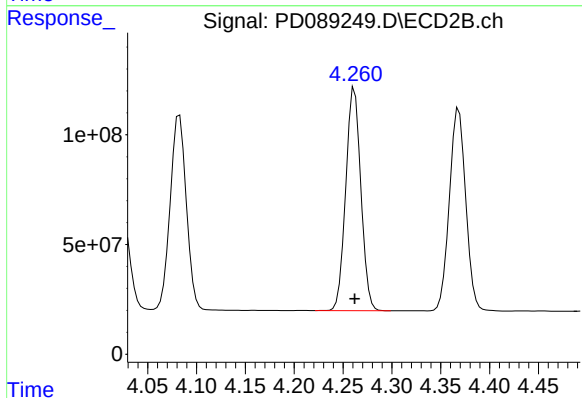
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 479423545
Conc: 44.61 ng/ml



#7 delta-BHC

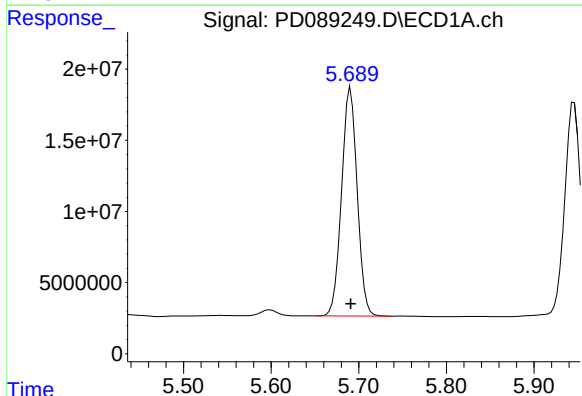
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 231083719
Conc: 45.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



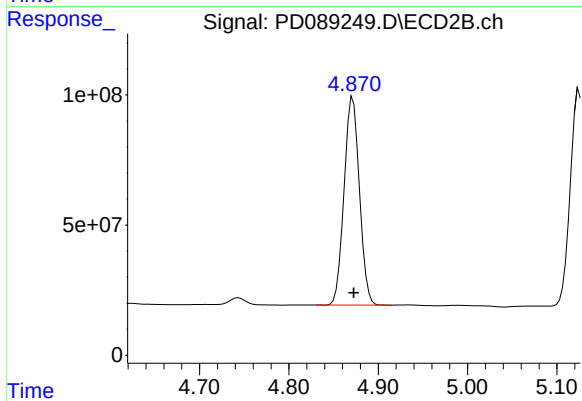
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1095716528
Conc: 44.05 ng/ml



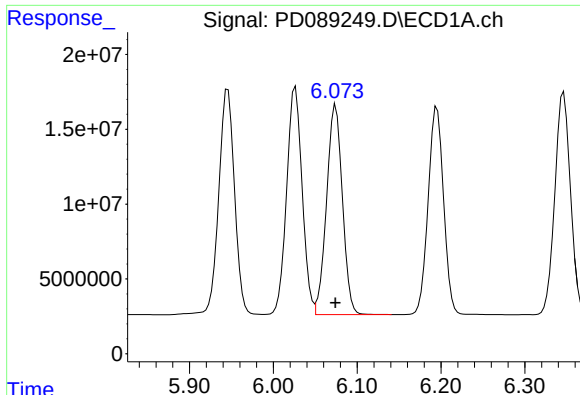
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 198841212
Conc: 41.22 ng/ml



#8 Heptachlor epoxide

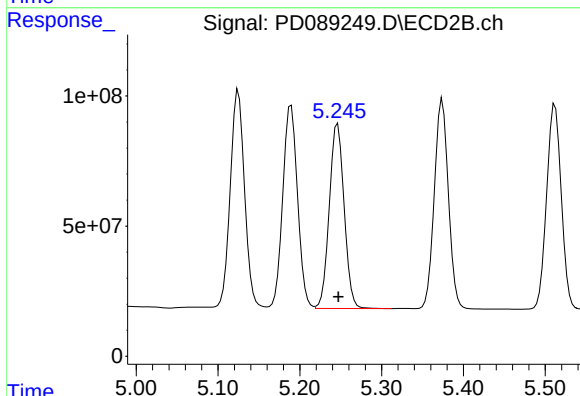
R.T.: 4.872 min
Delta R.T.: -0.001 min
Response: 953691843
Conc: 43.55 ng/ml



#9 Endosulfan I

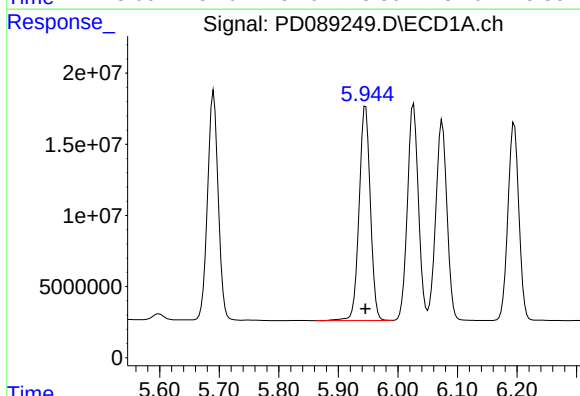
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 183766990
Conc: 40.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



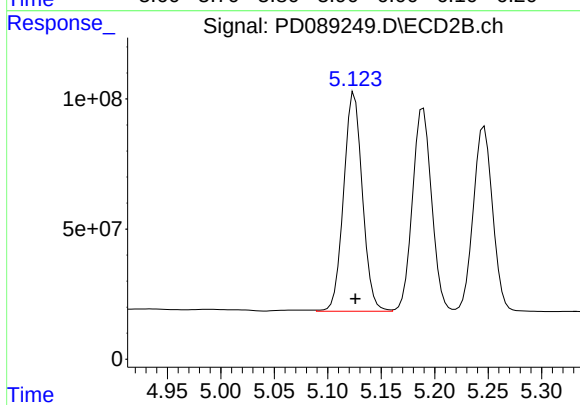
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 896385454
Conc: 43.01 ng/ml



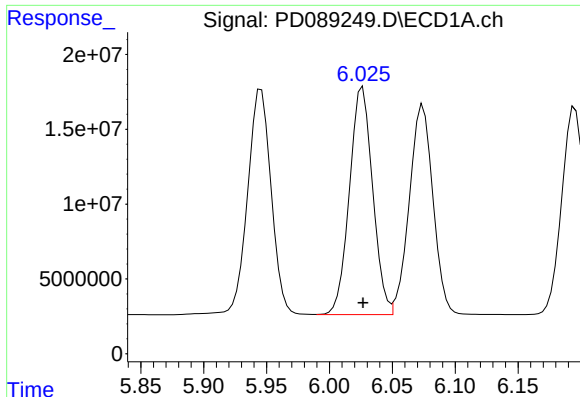
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 197173252
Conc: 41.18 ng/ml



#10 gamma-Chlordane

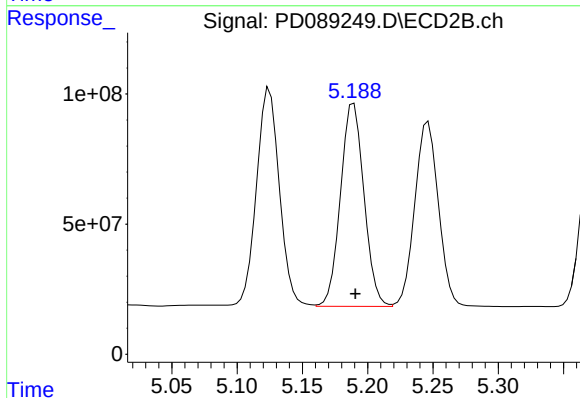
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1026558398
Conc: 42.91 ng/ml



#11 alpha-Chlordane

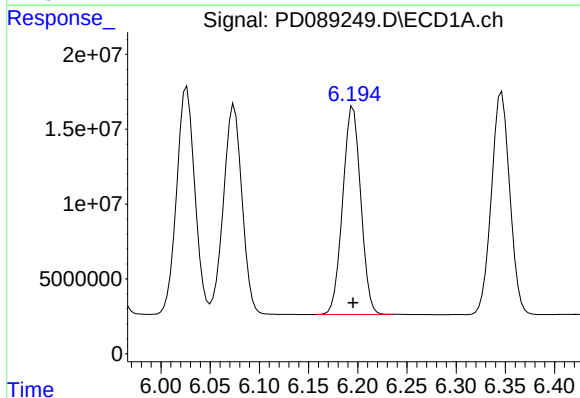
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 195480443
Conc: 40.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



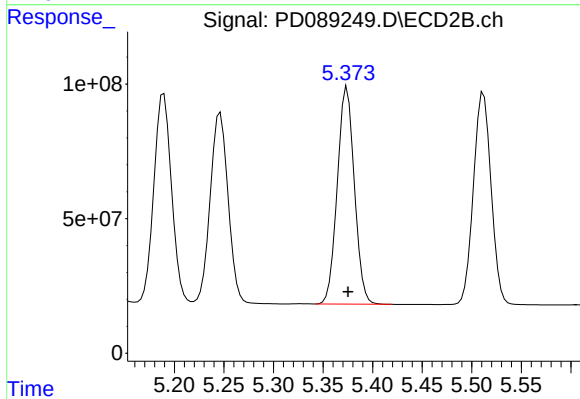
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 976832115
Conc: 42.66 ng/ml



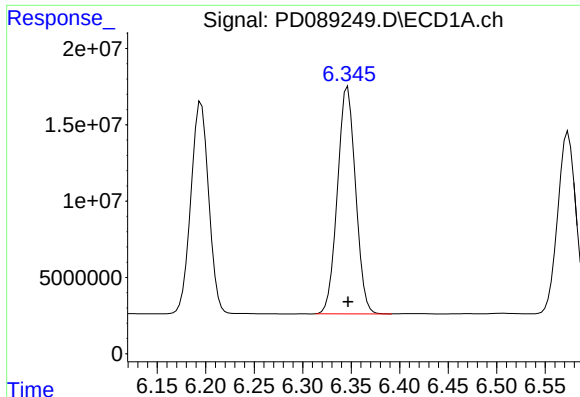
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 177659101
Conc: 40.74 ng/ml



#12 4,4'-DDE

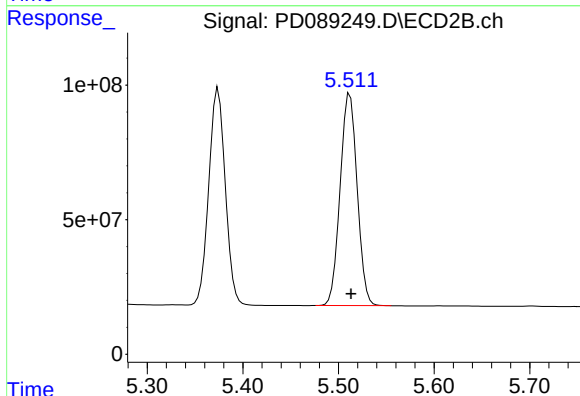
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 965985438
Conc: 42.15 ng/ml



#13 Dieldrin

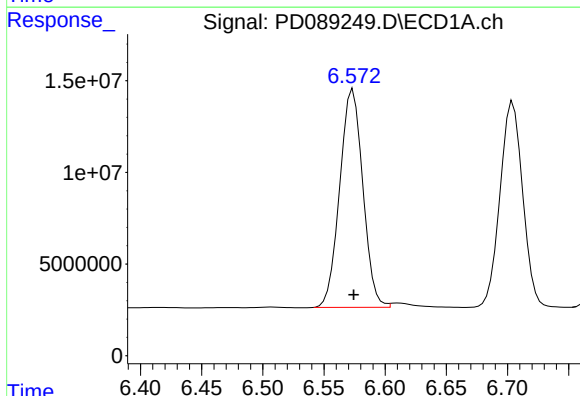
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 193184468
Conc: 40.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



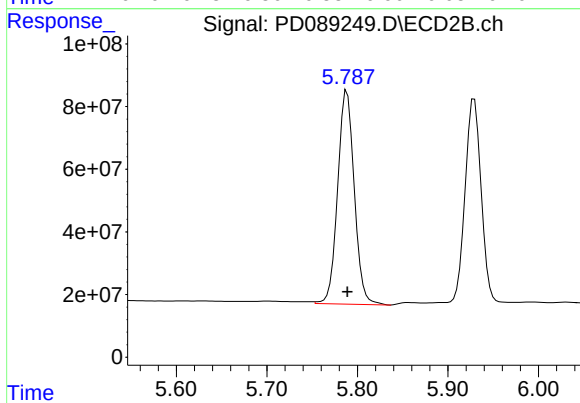
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 978679682
Conc: 42.17 ng/ml



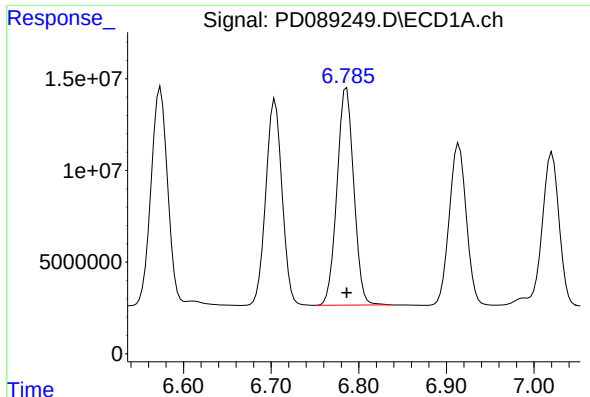
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 156469972
Conc: 37.93 ng/ml



#14 Endrin

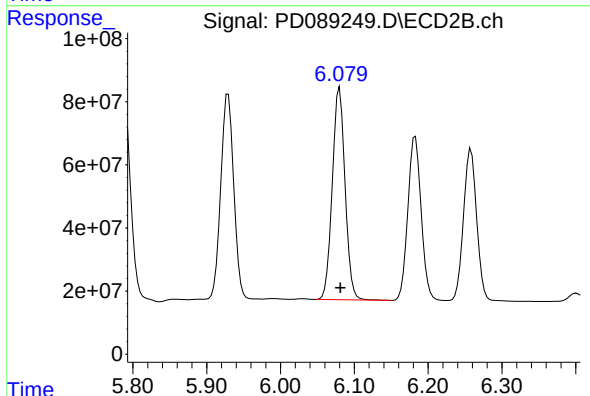
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 870729771
Conc: 40.10 ng/ml



#15 Endosulfan II

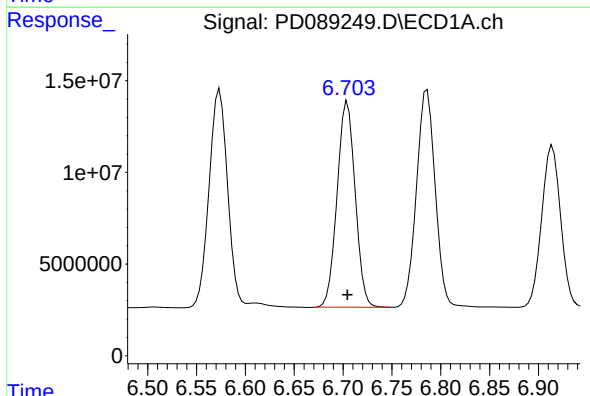
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 157867621
Conc: 39.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



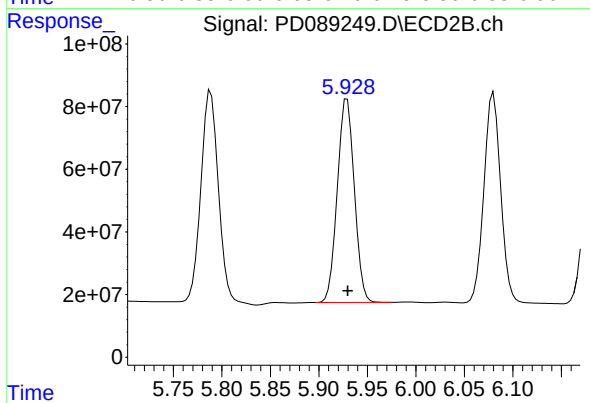
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 809559909
Conc: 40.08 ng/ml



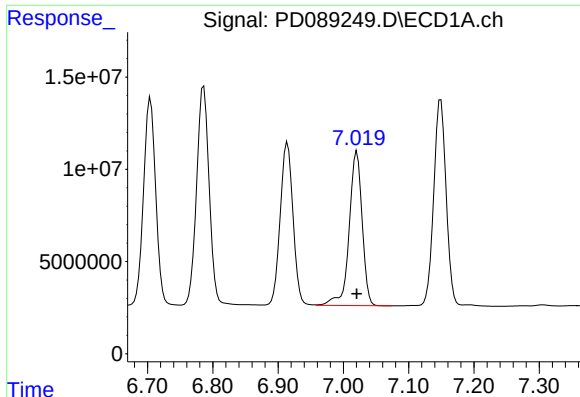
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 144718216
Conc: 42.17 ng/ml



#16 4,4'-DDD

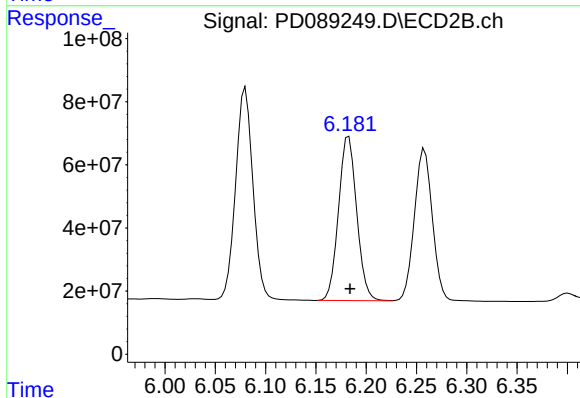
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 793012029
Conc: 41.46 ng/ml



#17 4,4'-DDT

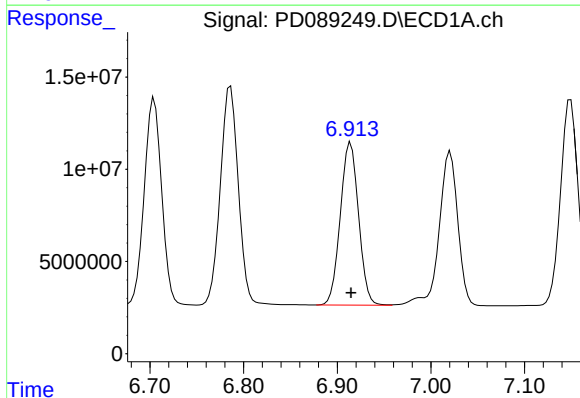
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 115582316
Conc: 30.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



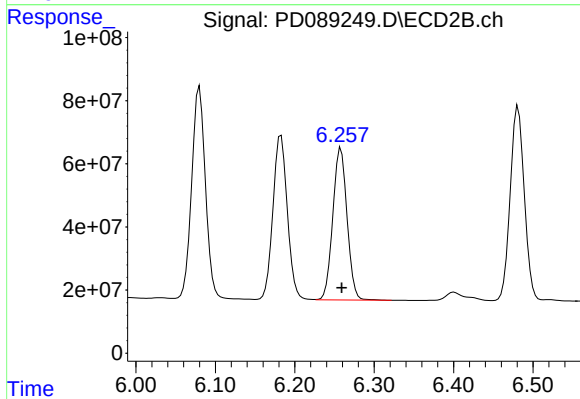
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 654296494
Conc: 32.26 ng/ml



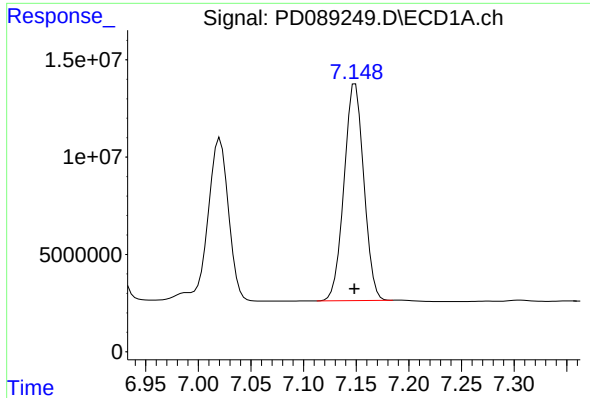
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 119646119
Conc: 39.05 ng/ml



#18 Endrin aldehyde

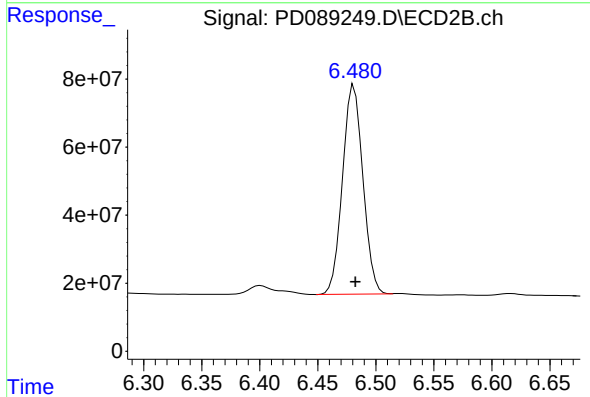
R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 599248456
Conc: 39.14 ng/ml



#19 Endosulfan Sulfate

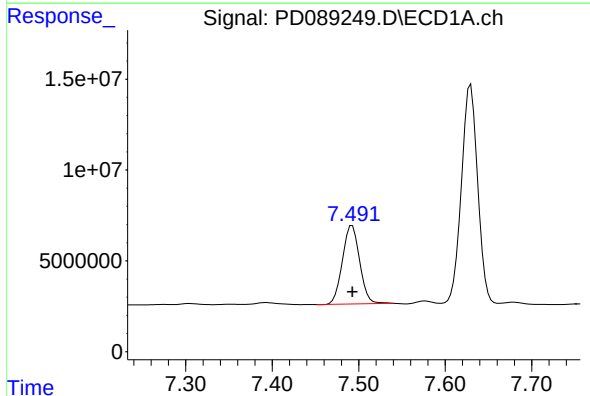
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 145996189
Conc: 38.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



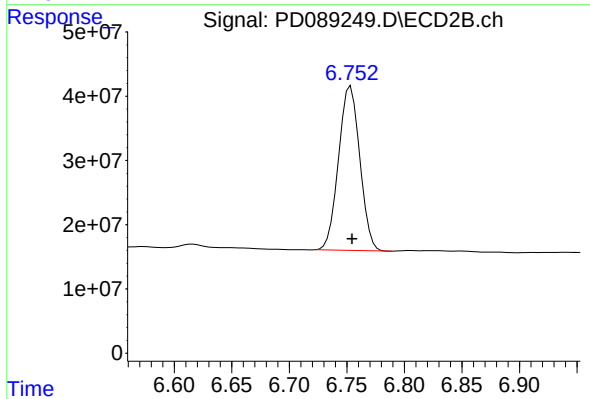
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 753083241
Conc: 38.38 ng/ml



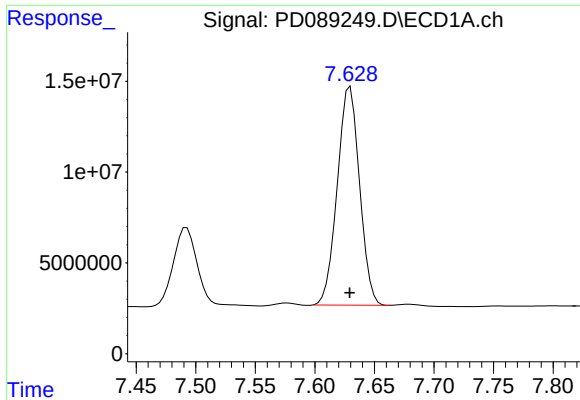
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 59522521
Conc: 29.46 ng/ml



#20 Methoxychlor

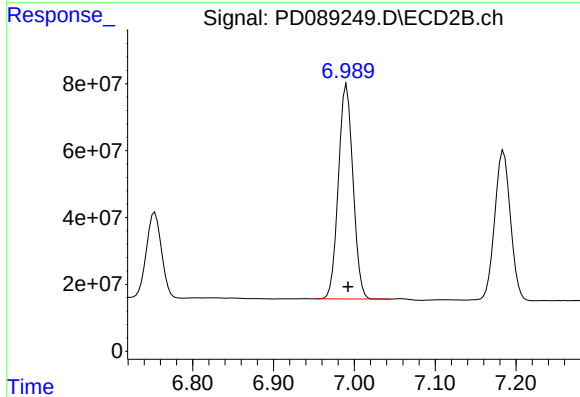
R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 329843578
Conc: 30.63 ng/ml



#21 Endrin ketone

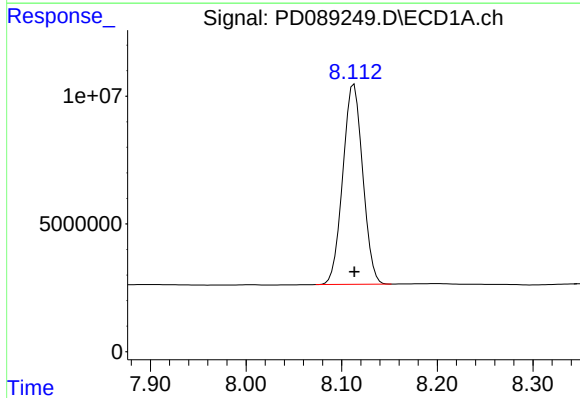
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 156316713
Conc: 38.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



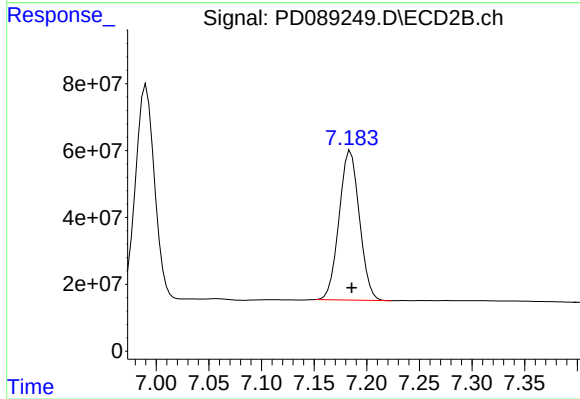
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 804126868
Conc: 37.23 ng/ml



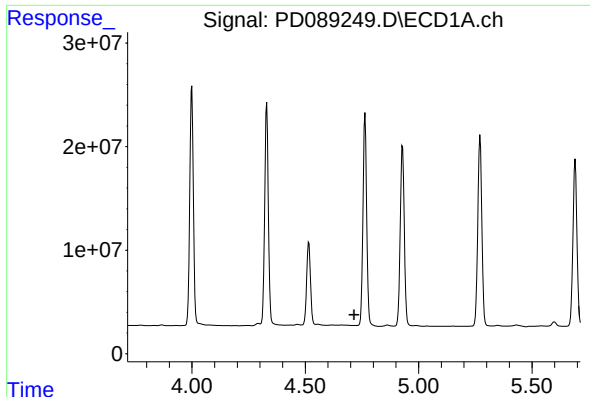
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 113704706
Conc: 37.40 ng/ml



#22 Mirex

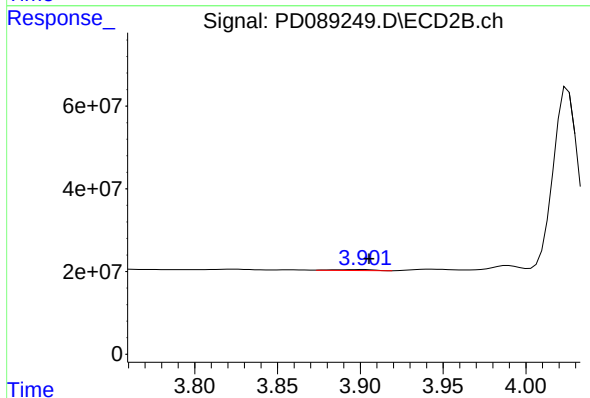
R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 602640493
Conc: 36.13 ng/ml



#23 Chlordane-1

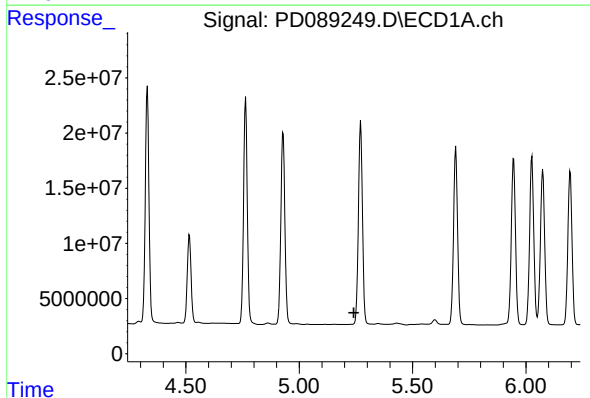
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
EP-2MS



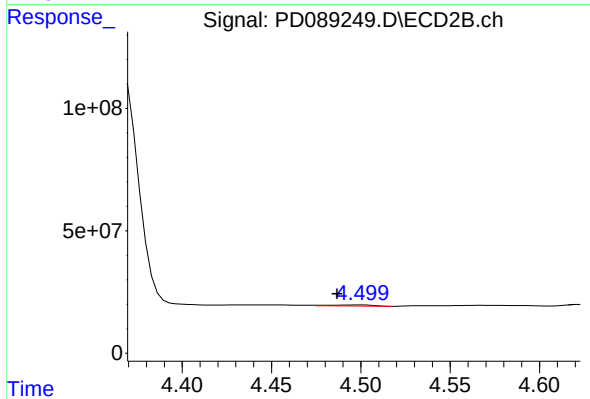
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 4461068
Conc: 4.79 ng/ml



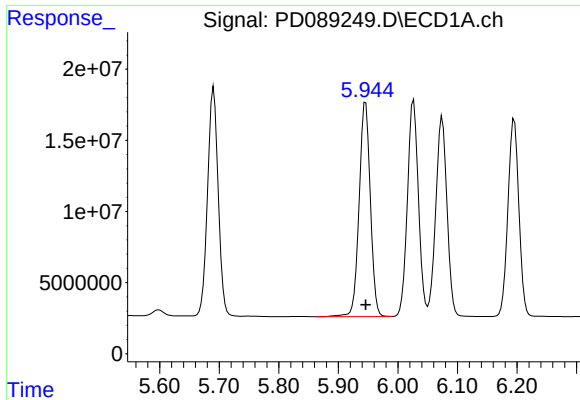
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.



#24 Chlordane-2

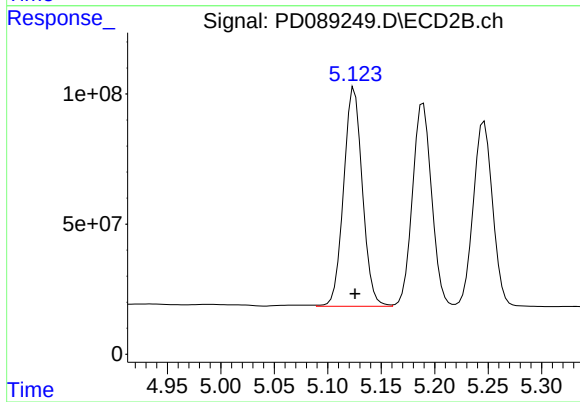
R.T.: 4.500 min
Delta R.T.: 0.014 min
Response: 7890442
Conc: 8.29 ng/ml



#25 Chlordane-3

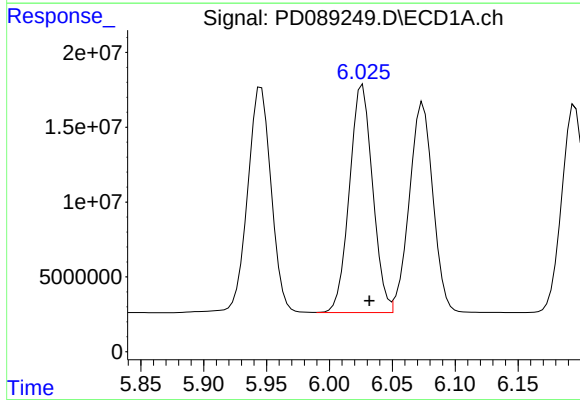
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 197173252
Conc: 228.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
EP-2MS



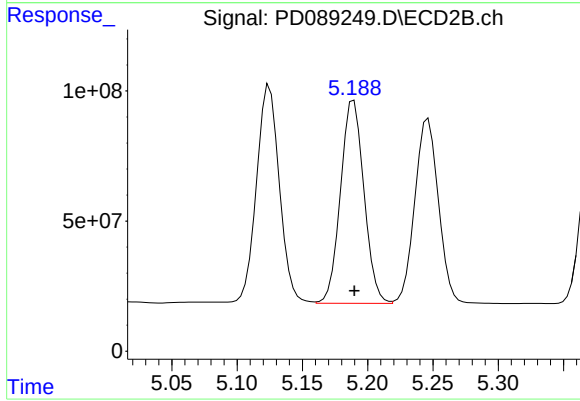
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1026558398
Conc: 345.62 ng/ml



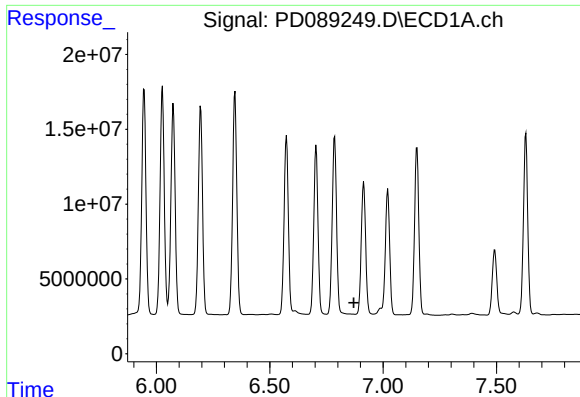
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 195480443
Conc: 186.05 ng/ml



#26 Chlordane-4

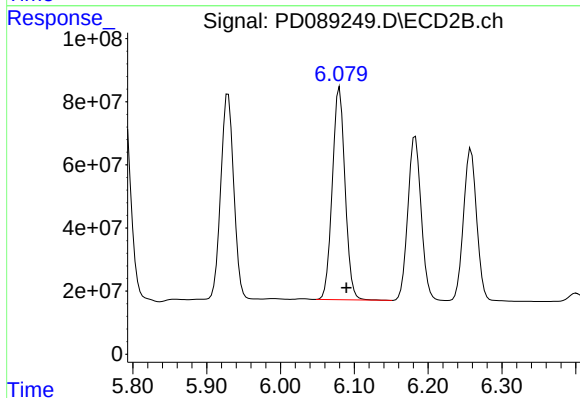
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 976832115
Conc: 389.69 ng/ml



#27 Chlordane-5

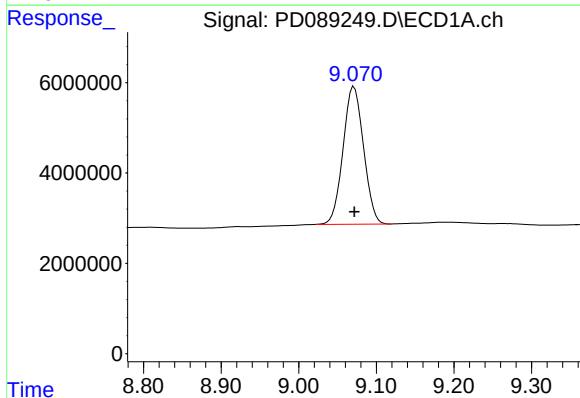
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
EP-2MS



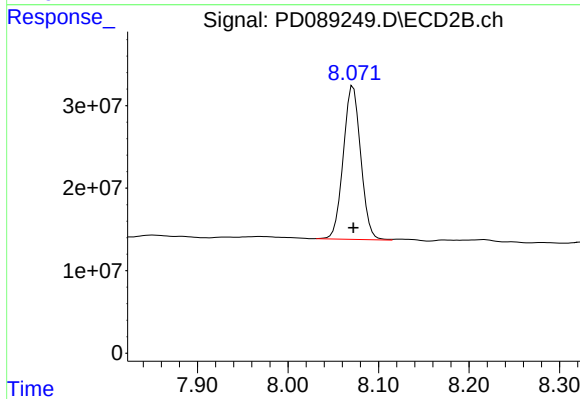
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 809559909
Conc: 715.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 55949759
Conc: 14.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 249540212
Conc: 12.62 ng/ml