

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 17:28
 Operator : AR\AJ
 Sample : Q2137-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MOO-25-0151MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 01:43:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	2.880	69374416	216.5E6	32.062	14.313 #
28)	SA Decachlor...	9.073	8.073	75759614	336.1E6	22.137	18.413
Target Compounds							
2)	A alpha-BHC	3.998	3.392	177.4E6	908.4E6	37.131	38.003
3)	MA gamma-BHC...	4.329	3.729	258.9E6	1775.8E6	56.251	80.115 #
4)	MA Heptachlor	4.926	4.083	272.6E6	1301.7E6	60.970	57.970
5)	MB Aldrin	5.270	4.368	177.4E6	734.4E6	40.361	33.491
6)	B beta-BHC	4.514	4.025	121.7E6	345.0E6	67.490	35.418 #
7)	B delta-BHC	4.745f	4.260	350.4E6	961.4E6	82.912	43.122 #
8)	B Heptachlo...	5.691	4.872	197.7E6	701.7E6	49.798	35.310 #
9)	A Endosulfan I	6.073	5.247	160.8E6	671.1E6	42.740	35.362
10)	B gamma-Chl...	5.945	5.125	166.8E6	752.3E6	41.826	35.265
11)	B alpha-Chl...	6.025	5.189	171.5E6	850.4E6	42.803	41.233
12)	B 4,4'-DDE	6.195	5.375	125.9E6	760.3E6	35.063	36.373
13)	MA Dieldrin	6.346	5.511	174.7E6	537.9E6	43.553	25.559 #
14)	MA Endrin	6.574	5.789	144.4E6	714.7E6	42.278	37.062
15)	B Endosulfa...	6.785	6.080	147.6E6	652.3E6	42.855	35.600
16)	A 4,4'-DDD	6.704	5.929	110.8E6	536.8E6	39.788	30.862
17)	MA 4,4'-DDT	7.020	6.183	149.9E6	616.5E6	48.013	33.989 #
18)	B Endrin al...	6.914	6.258	34784111	148.7E6	13.510	10.677
19)	B Endosulfa...	7.148	6.482	135.5E6	620.4E6	42.300	34.939
20)	A Methoxychlor	7.492	6.754	69258539	336.2E6	41.458	35.114
21)	B Endrin ke...	7.629	6.991	147.4E6	704.5E6	43.061	36.414
22)	Mirex	8.113	7.185	115.2E6	533.5E6	44.356	35.093
23)	Chlordane-1	4.745f	3.899	350.4E6	27900956	1944.437	33.765 #
24)	Chlordane-2	5.234	4.470	4995966	28337014	27.225	33.574
25)	Chlordane-3	5.945	5.125	166.8E6	752.3E6	225.494	285.292 #
26)	Chlordane-4	6.025	5.189	171.5E6	850.4E6	191.343	384.371 #
27)	Chlordane-5	6.867	6.080	826786	652.3E6	5.434	651.708 #

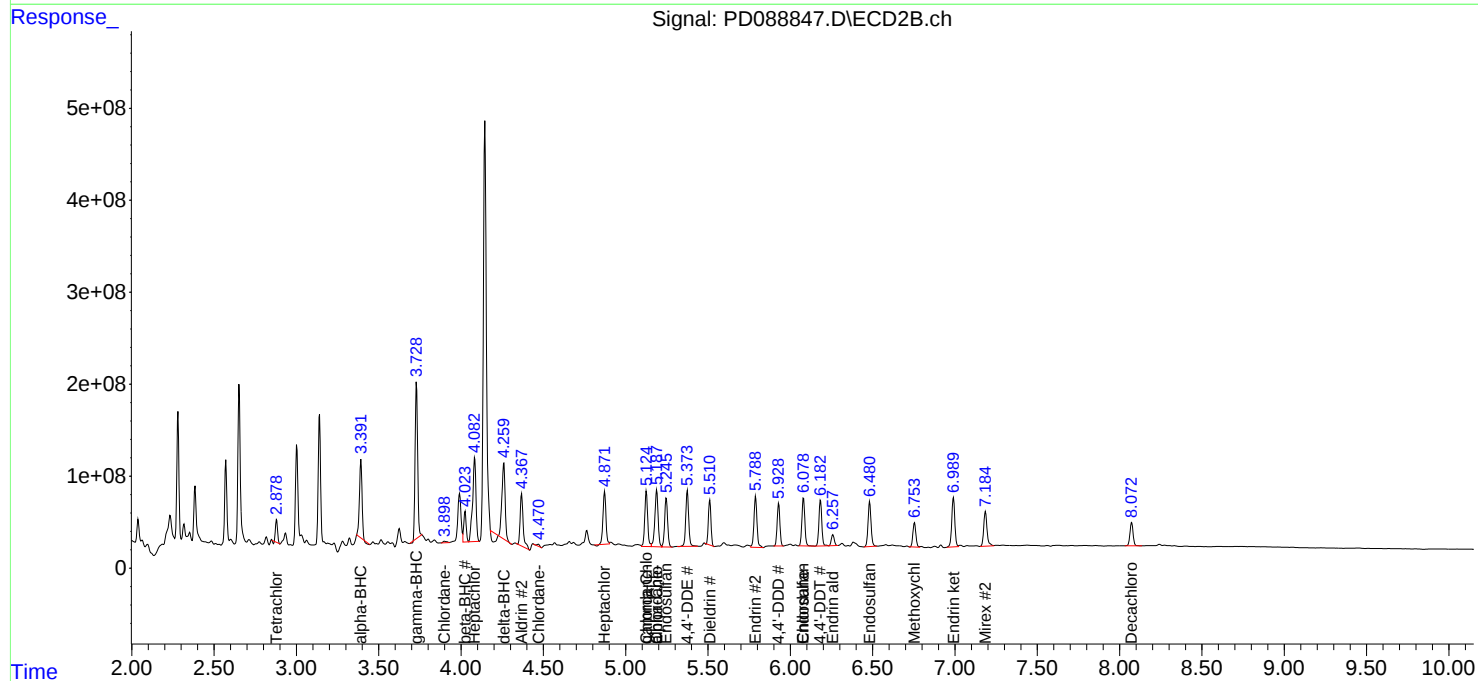
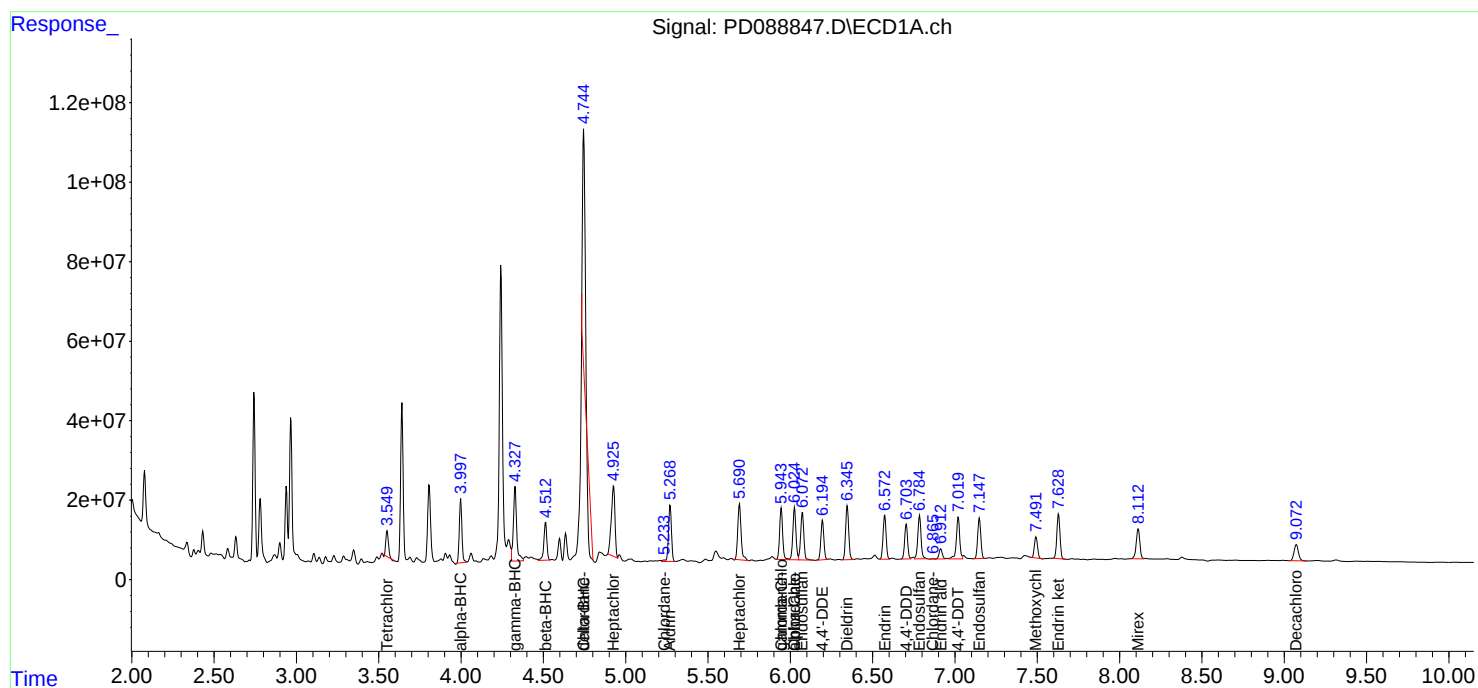
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

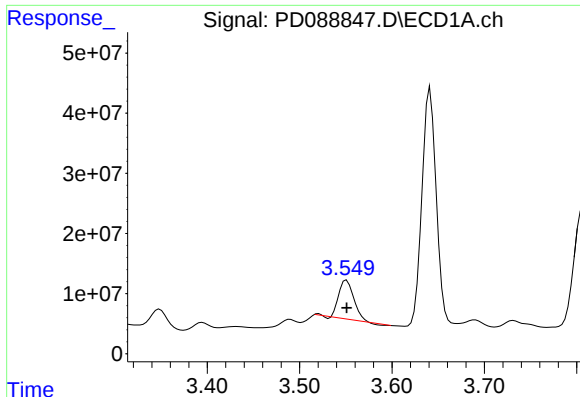
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088847.D
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Acq On : 09 Jun 2025 17:28
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Integration File signal 1: autoint1.e
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Quant Time: Jun 10 01:43:29 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

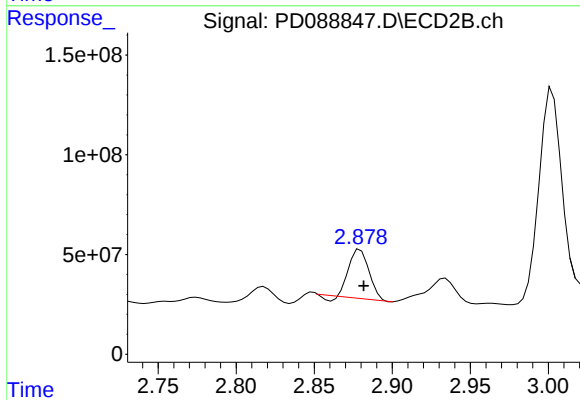




#1 Tetrachloro-m-xylene

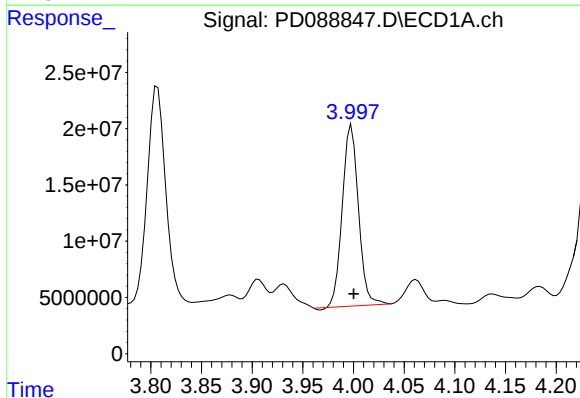
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 69374416
Conc: 32.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



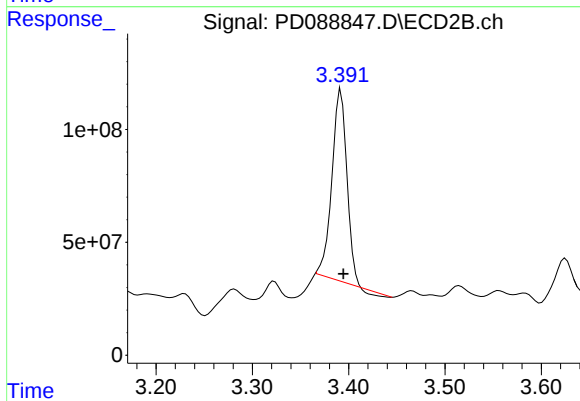
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 216513140
Conc: 14.31 ng/ml



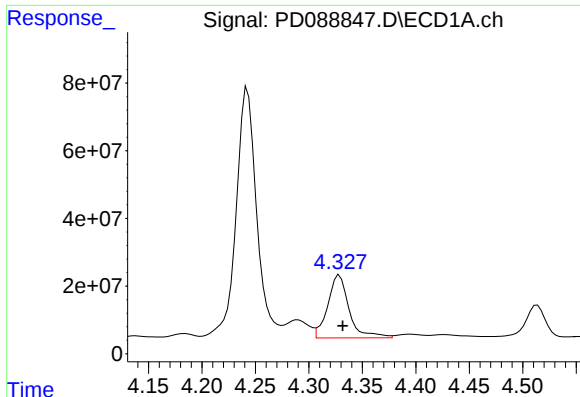
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 177358710
Conc: 37.13 ng/ml



#2 alpha-BHC

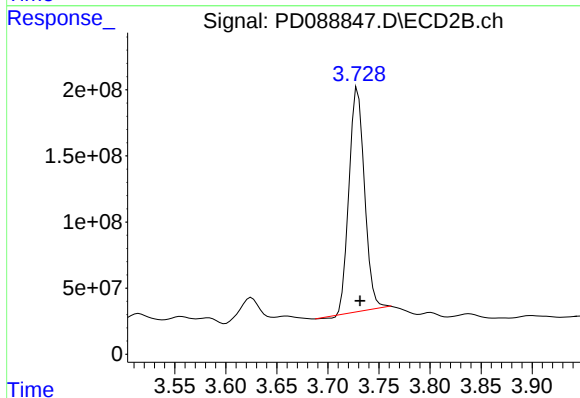
R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 908425448
Conc: 38.00 ng/ml



#3 gamma-BHC (Lindane)

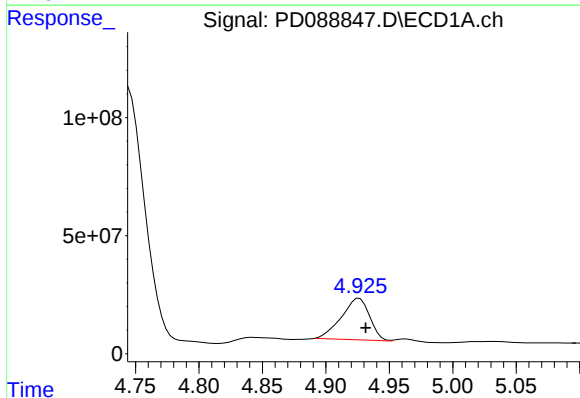
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 258908715
Conc: 56.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



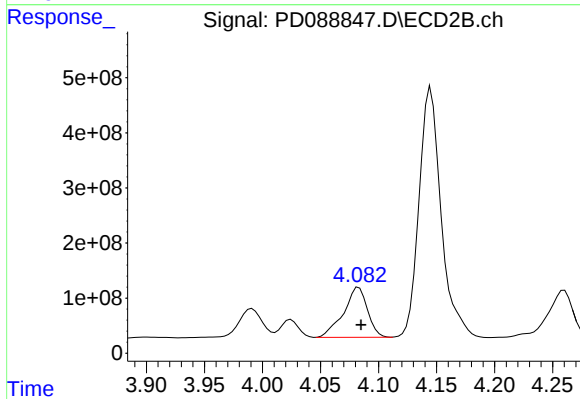
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.002 min
Response: 1775795812
Conc: 80.11 ng/ml



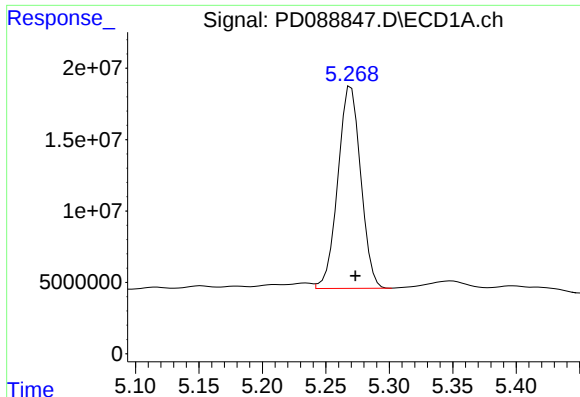
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 272608283
Conc: 60.97 ng/ml



#4 Heptachlor

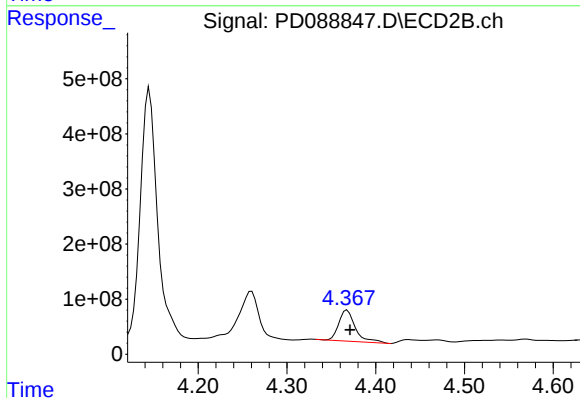
R.T.: 4.083 min
Delta R.T.: -0.002 min
Response: 1301720468
Conc: 57.97 ng/ml



#5 Aldrin

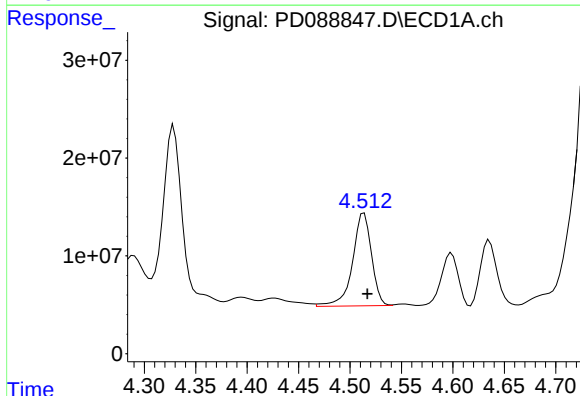
R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 177367570
Conc: 40.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



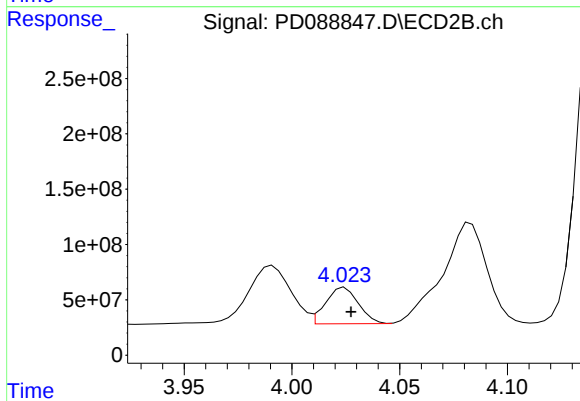
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 734443468
Conc: 33.49 ng/ml



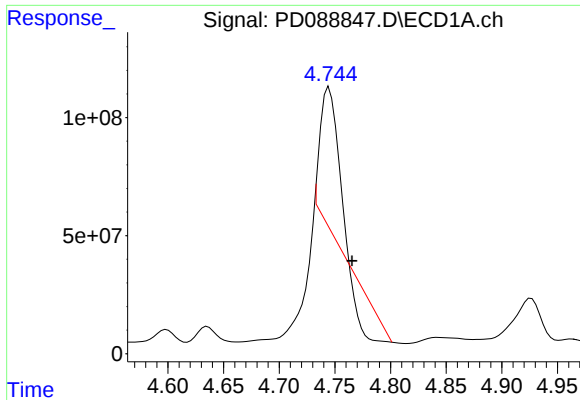
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 121694788
Conc: 67.49 ng/ml



#6 beta-BHC

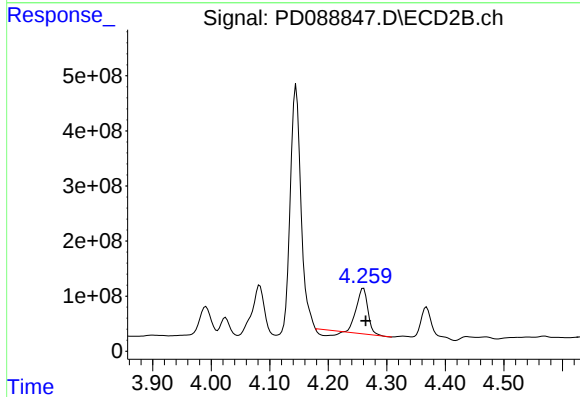
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 345034311
Conc: 35.42 ng/ml



#7 delta-BHC

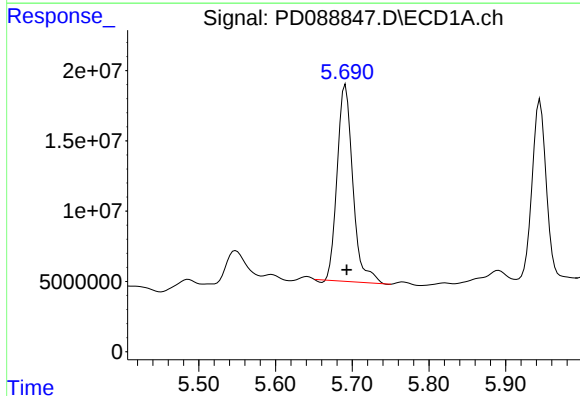
R.T.: 4.745 min
Delta R.T.: -0.021 min
Response: 350398456
Conc: 82.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



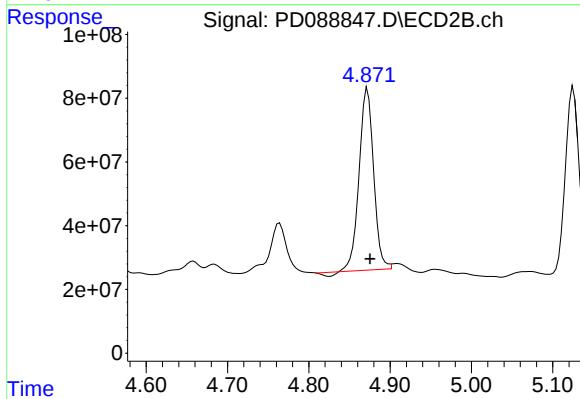
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.004 min
Response: 961372754
Conc: 43.12 ng/ml



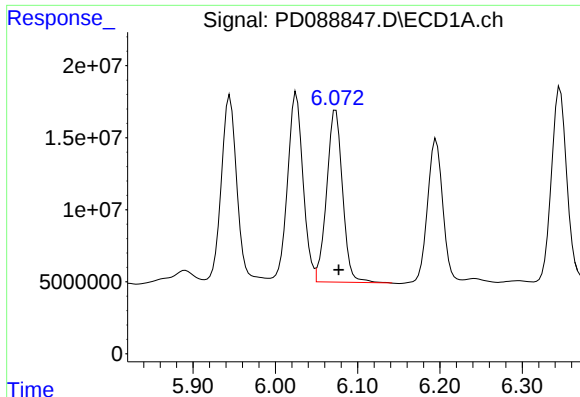
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 197661956
Conc: 49.80 ng/ml



#8 Heptachlor epoxide

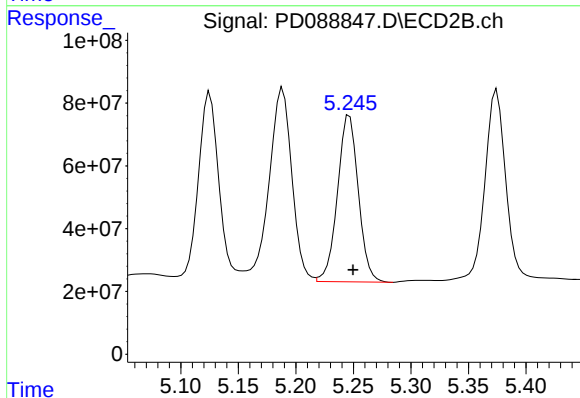
R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 701652758
Conc: 35.31 ng/ml



#9 Endosulfan I

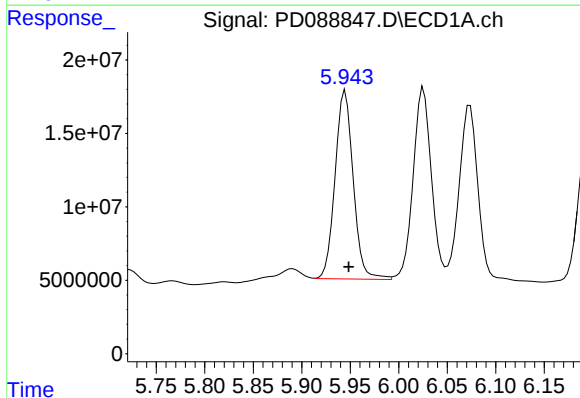
R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 160826783
Conc: 42.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



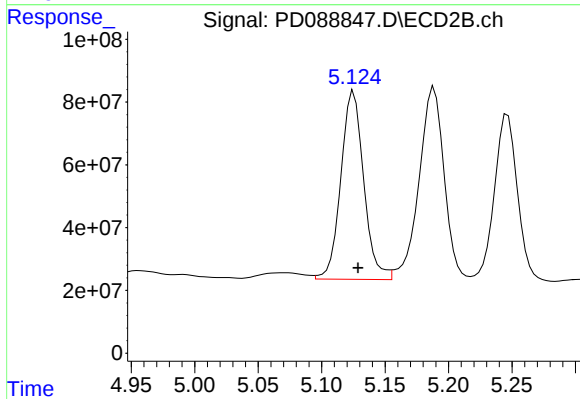
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 671118829
Conc: 35.36 ng/ml



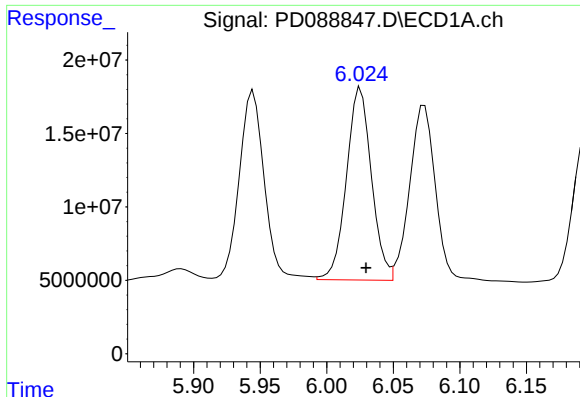
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 166843577
Conc: 41.83 ng/ml



#10 gamma-Chlordane

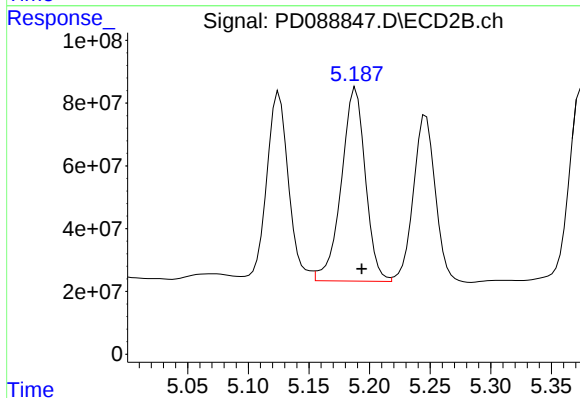
R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 752266962
Conc: 35.26 ng/ml



#11 alpha-Chlordane

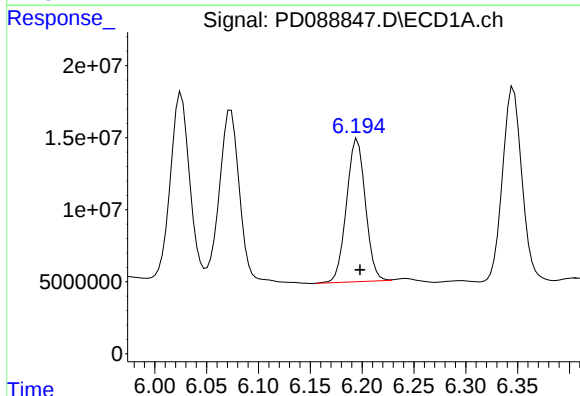
R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 171478672
Conc: 42.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



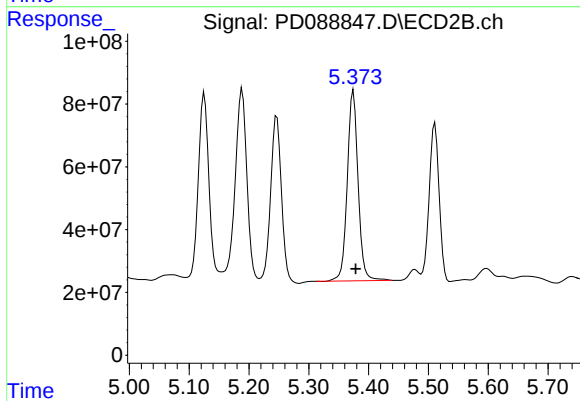
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 850417396
Conc: 41.23 ng/ml



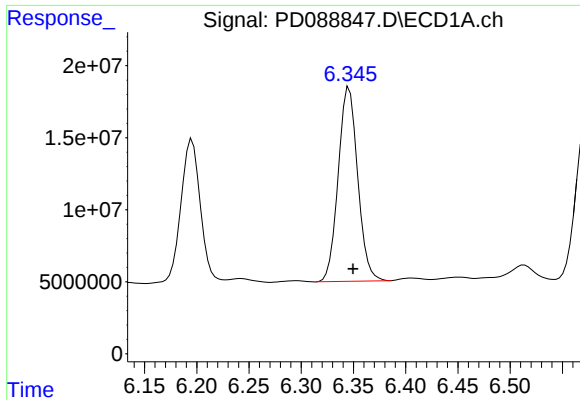
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 125854327
Conc: 35.06 ng/ml



#12 4,4'-DDE

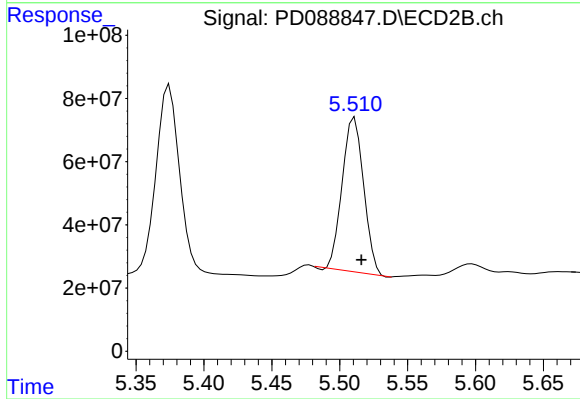
R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 760293111
Conc: 36.37 ng/ml



#13 Dieldrin

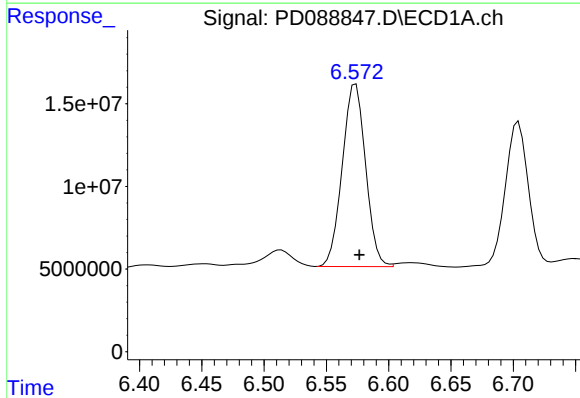
R.T.: 6.346 min
Delta R.T.: -0.004 min
Response: 174721467
Conc: 43.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



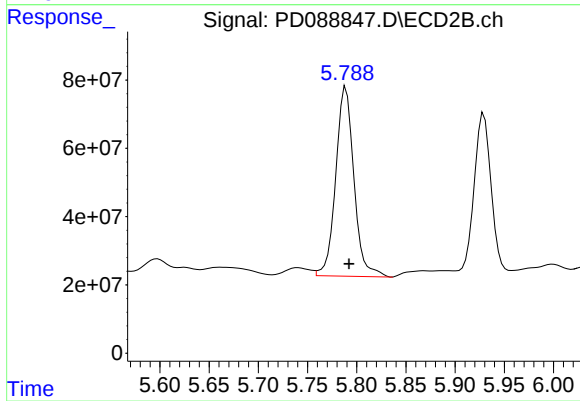
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 537851244
Conc: 25.56 ng/ml



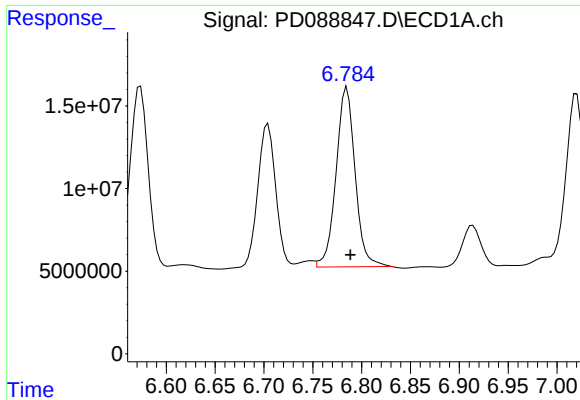
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 144385997
Conc: 42.28 ng/ml



#14 Endrin

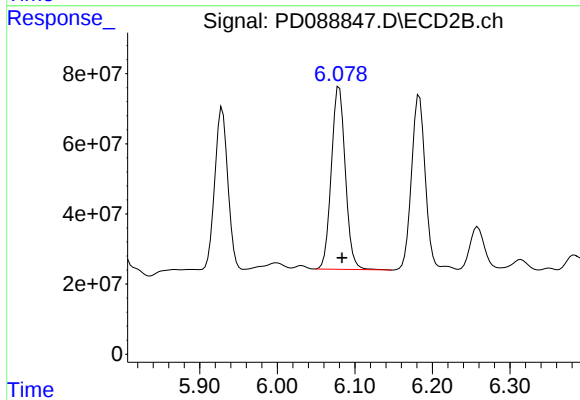
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 714712141
Conc: 37.06 ng/ml



#15 Endosulfan II

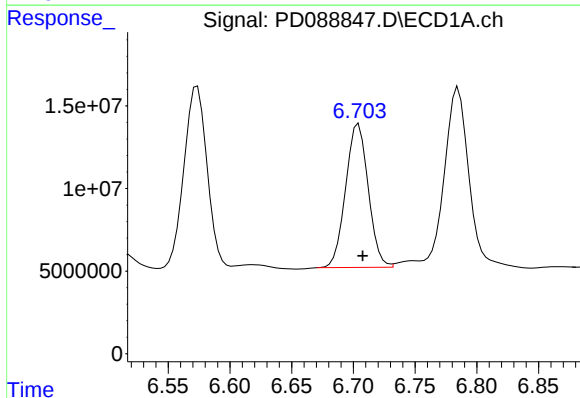
R.T.: 6.785 min
Delta R.T.: -0.004 min
Response: 147576375
Conc: 42.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



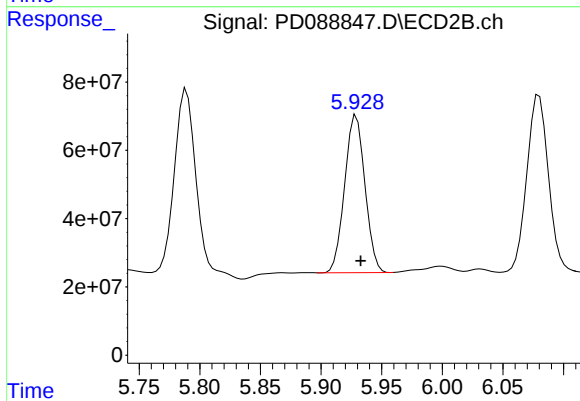
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 652264708
Conc: 35.60 ng/ml



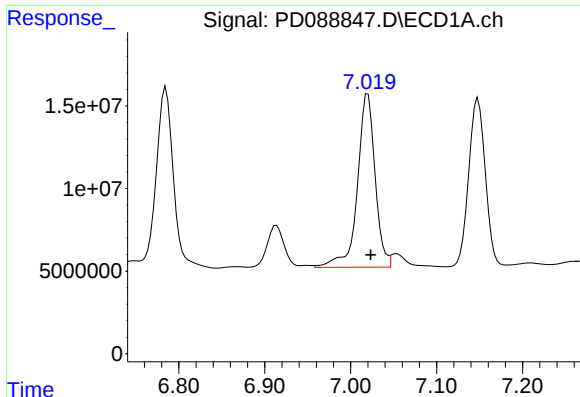
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 110813003
Conc: 39.79 ng/ml



#16 4,4'-DDD

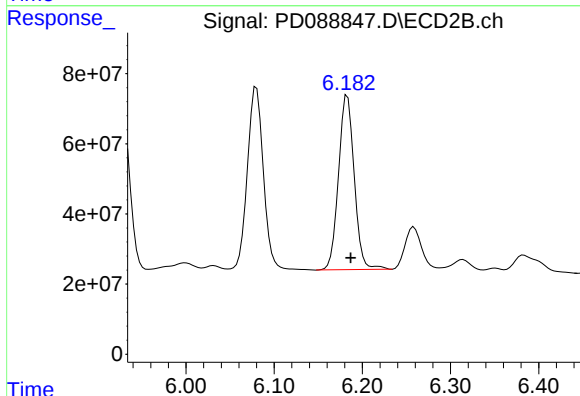
R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 536765639
Conc: 30.86 ng/ml



#17 4,4'-DDT

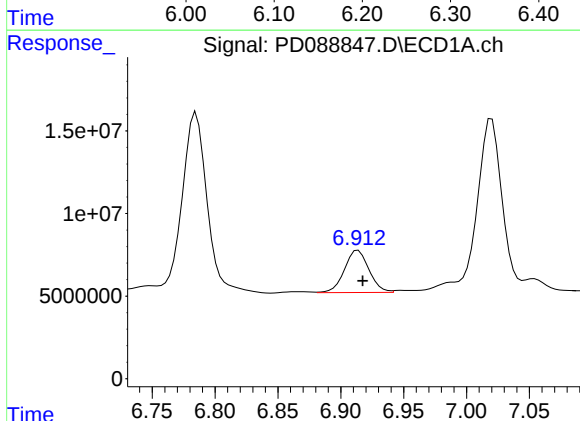
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 149897025
Conc: 48.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



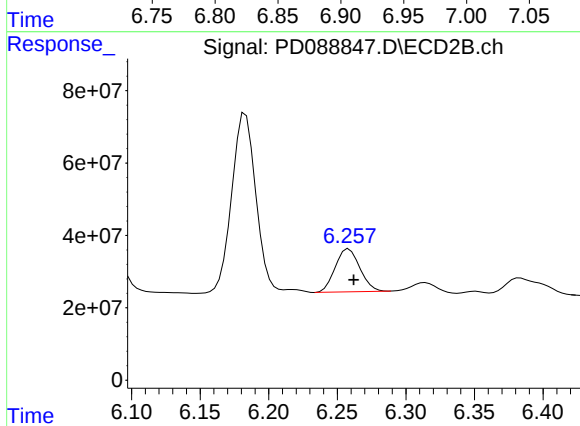
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 616473151
Conc: 33.99 ng/ml



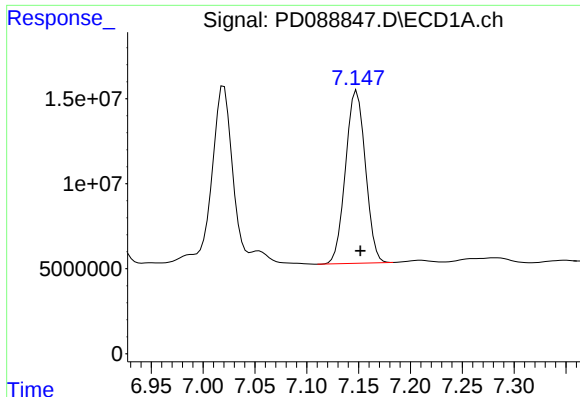
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 34784111
Conc: 13.51 ng/ml



#18 Endrin aldehyde

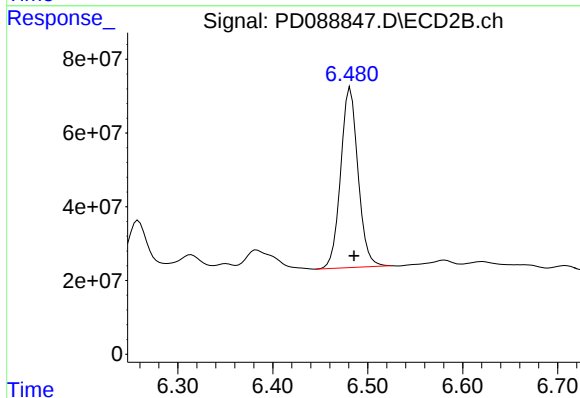
R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 148716210
Conc: 10.68 ng/ml



#19 Endosulfan Sulfate

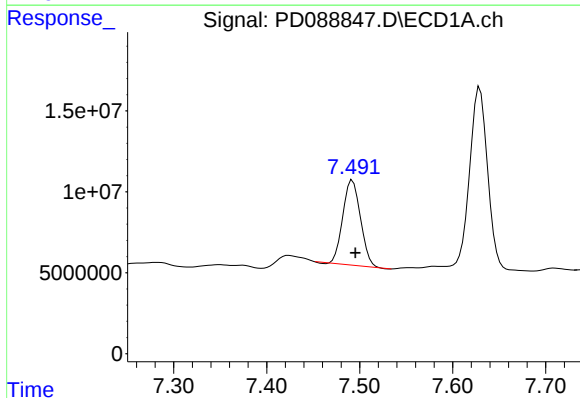
R.T.: 7.148 min
Delta R.T.: -0.003 min
Response: 135491262
Conc: 42.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



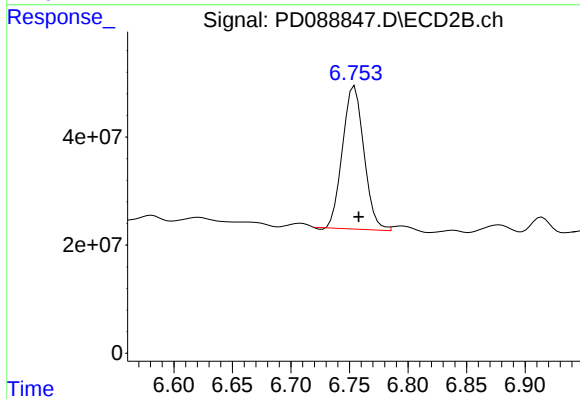
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 620363932
Conc: 34.94 ng/ml



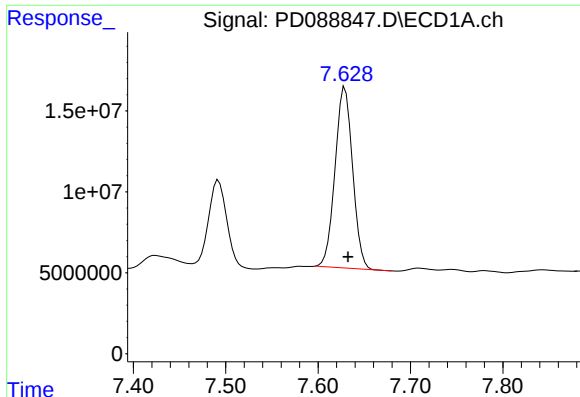
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 69258539
Conc: 41.46 ng/ml



#20 Methoxychlor

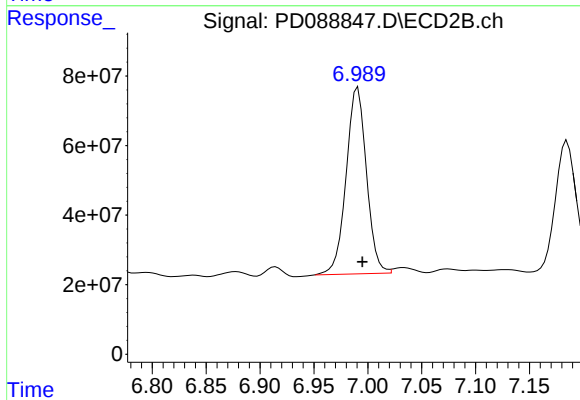
R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 336212934
Conc: 35.11 ng/ml



#21 Endrin ketone

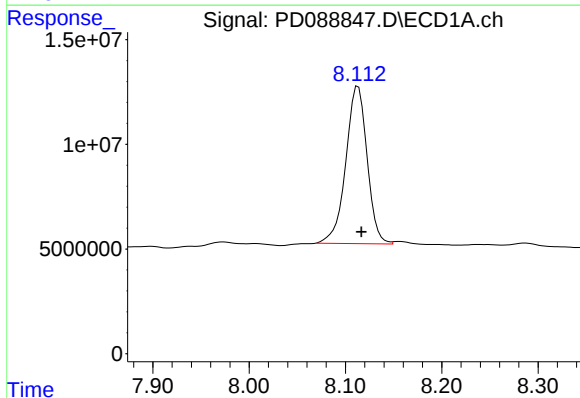
R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 147403191
Conc: 43.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



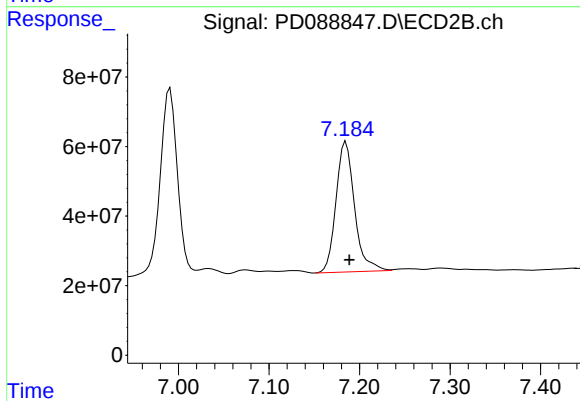
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 704510828
Conc: 36.41 ng/ml



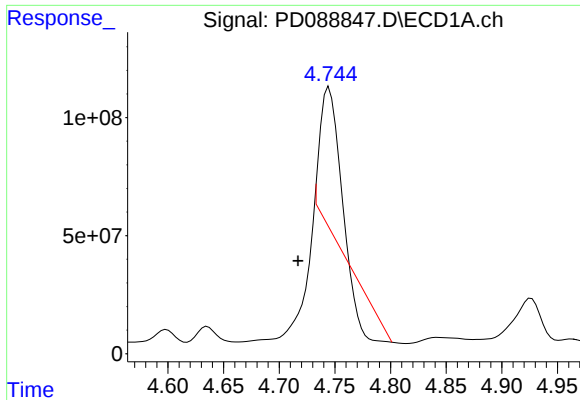
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 115247863
Conc: 44.36 ng/ml



#22 Mirex

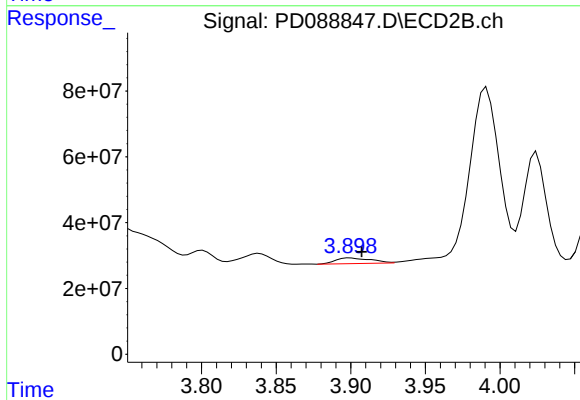
R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 533491917
Conc: 35.09 ng/ml



#23 Chlordane-1

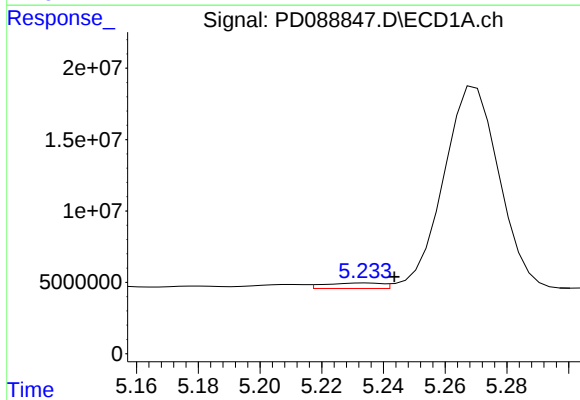
R.T.: 4.745 min
Delta R.T.: 0.028 min
Response: 350398456
Conc: 1944.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



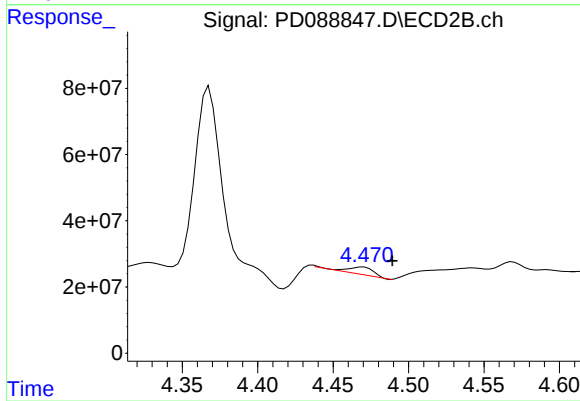
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.008 min
Response: 27900956
Conc: 33.76 ng/ml



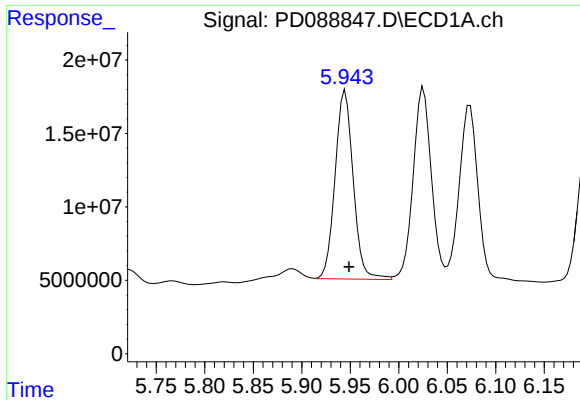
#24 Chlordane-2

R.T.: 5.234 min
Delta R.T.: -0.009 min
Response: 4995966
Conc: 27.23 ng/ml



#24 Chlordane-2

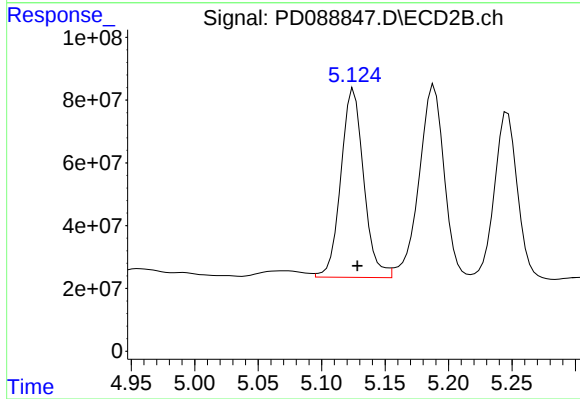
R.T.: 4.470 min
Delta R.T.: -0.019 min
Response: 28337014
Conc: 33.57 ng/ml



#25 Chlordane-3

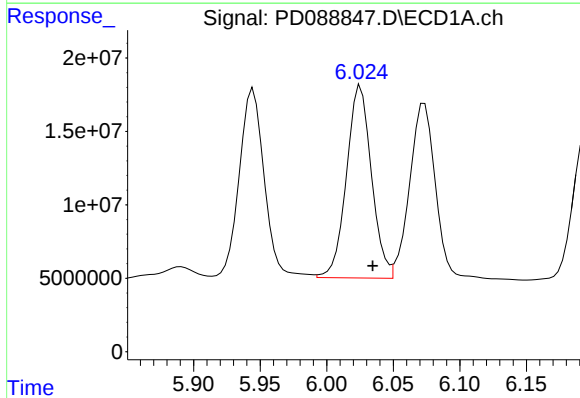
R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 166843577
Conc: 225.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



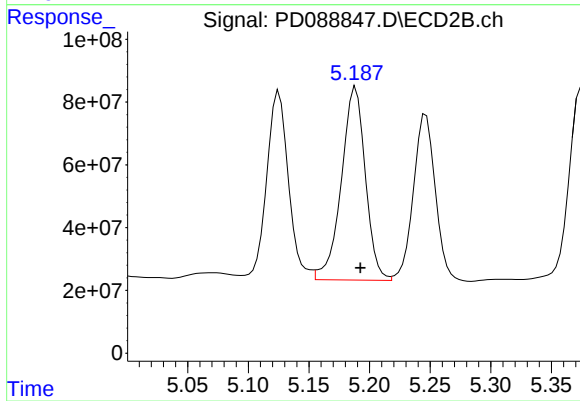
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 752266962
Conc: 285.29 ng/ml



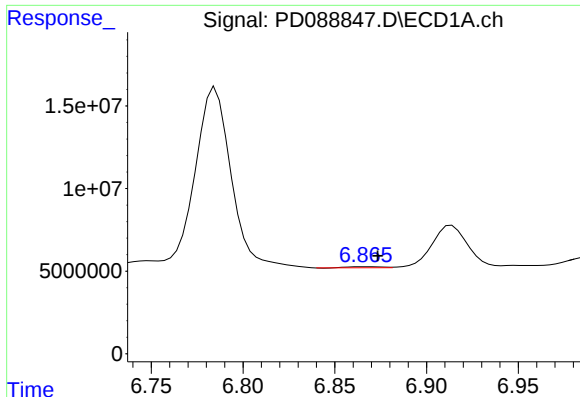
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.009 min
Response: 171478672
Conc: 191.34 ng/ml



#26 Chlordane-4

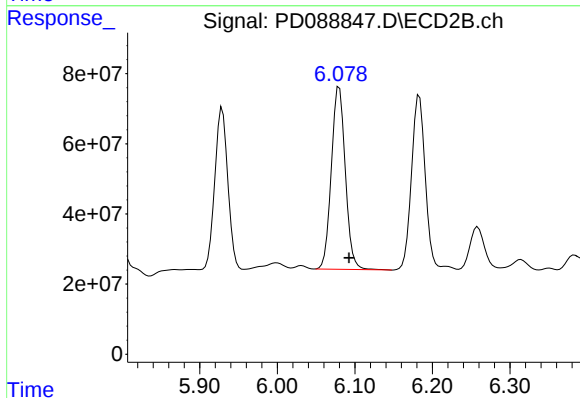
R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 850417396
Conc: 384.37 ng/ml



#27 Chlordane-5

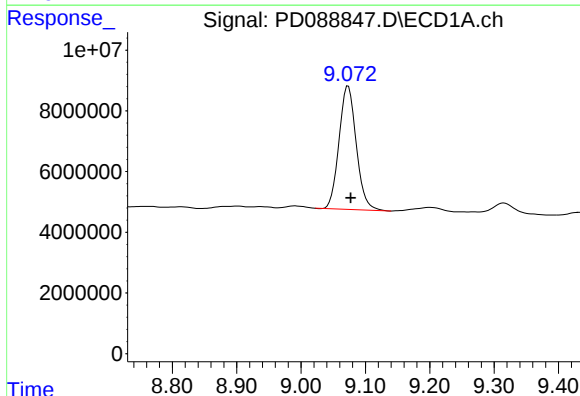
R.T.: 6.867 min
Delta R.T.: -0.007 min
Response: 826786
Conc: 5.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0151MSD



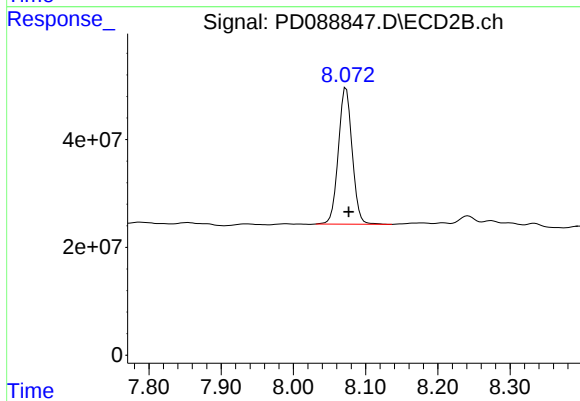
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.012 min
Response: 652264708
Conc: 651.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.004 min
Response: 75759614
Conc: 22.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 336145252
Conc: 18.41 ng/ml