

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050525\
 Data File : PD088441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 21:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

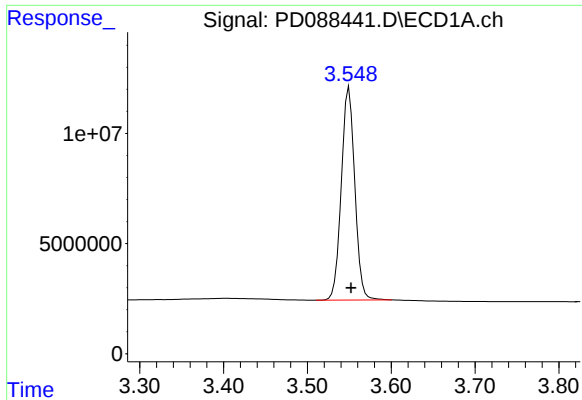
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:49:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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	108.1E6	712.9E6	54.106	48.759
28)	SA Decachlor...	9.072	8.074	169.0E6	836.5E6	51.082	45.267
Target Compounds							
2)	A alpha-BHC	3.999	3.394	244.3E6	1130.4E6	56.655	49.446
3)	MA gamma-BHC...	4.330	3.730	233.0E6	1040.4E6	55.650	48.303
4)	MA Heptachlor	4.929	4.084	206.7E6	941.3E6	51.171	43.988
5)	MB Aldrin	5.271	4.370	222.8E6	1037.7E6	56.412	49.883
6)	B beta-BHC	4.514	4.026	90119970	461.2E6	55.514	49.837
7)	B delta-BHC	4.763	4.263	237.9E6	1050.7E6	57.669	49.417
8)	B Heptachlo...	5.691	4.873	196.6E6	914.8E6	55.004	48.418
9)	A Endosulfan I	6.074	5.248	188.8E6	836.5E6	55.906	46.443
10)	B gamma-Chl...	5.945	5.127	206.6E6	989.9E6	57.035	48.772
11)	B alpha-Chl...	6.026	5.191	201.8E6	947.8E6	55.910	48.352
12)	B 4,4'-DDE	6.195	5.376	179.1E6	981.0E6	54.314	49.812
13)	MA Dieldrin	6.347	5.514	201.4E6	969.2E6	56.431	48.624
14)	MA Endrin	6.574	5.790	156.7E6	850.7E6	52.545	46.738
15)	B Endosulfa...	6.785	6.082	170.3E6	842.5E6	54.485	48.082
16)	A 4,4'-DDD	6.704	5.931	152.2E6	867.3E6	60.536	52.926
17)	MA 4,4'-DDT	7.020	6.185	117.8E6	590.0E6	42.415	34.673
18)	B Endrin al...	6.914	6.260	121.5E6	613.5E6	52.633	46.126
19)	B Endosulfa...	7.148	6.483	158.2E6	812.4E6	55.013	47.419
20)	A Methoxychlor	7.492	6.755	62434798	323.6E6	41.636	35.479
21)	B Endrin ke...	7.629	6.992	169.6E6	888.2E6	54.943	47.487
22)	Mirex	8.113	7.187	125.7E6	684.8E6	53.506	46.204
23)	Chlordane-1	0.000	3.895	0	1621889	N.D.	2.023 #
24)	Chlordane-2	5.271f	4.508	222.8E6	52139654	1337.925	63.176 #
25)	Chlordane-3	5.945	5.127	206.6E6	989.9E6	306.261	391.406 #
26)	Chlordane-4	6.026	5.191	201.8E6	947.8E6	247.522	443.296 #
27)	Chlordane-5	0.000	6.082	0	842.5E6	N.D.	872.562 #

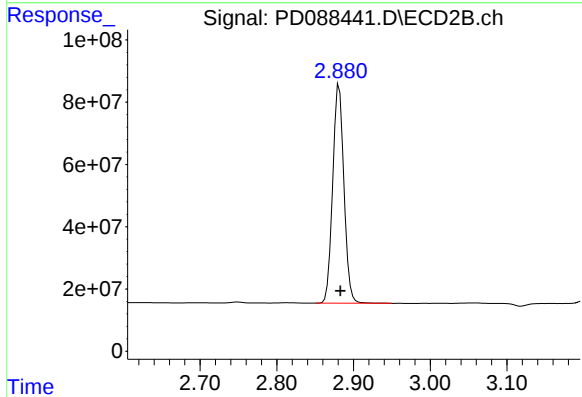
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

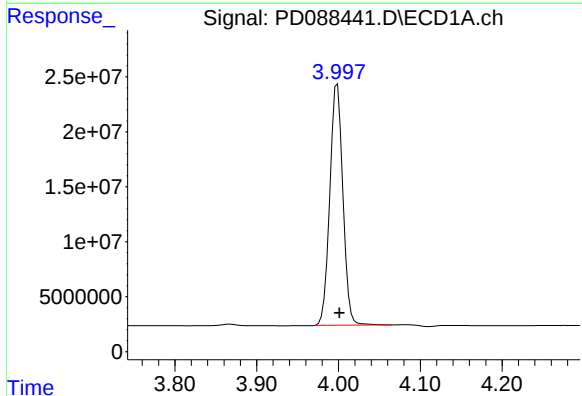
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 108070644
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



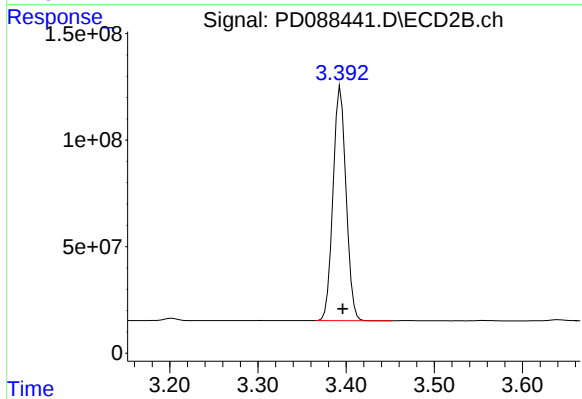
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 712942444
Conc: 48.76 ng/ml



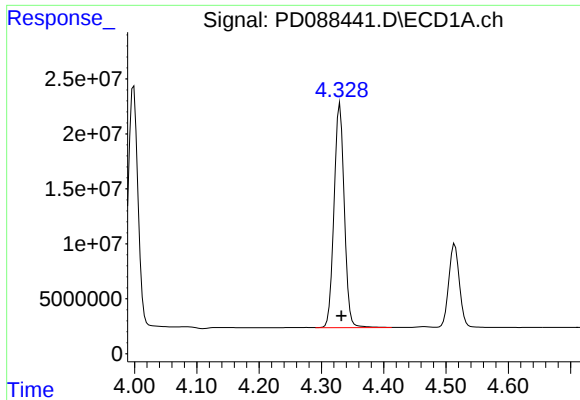
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 244296900
Conc: 56.66 ng/ml



#2 alpha-BHC

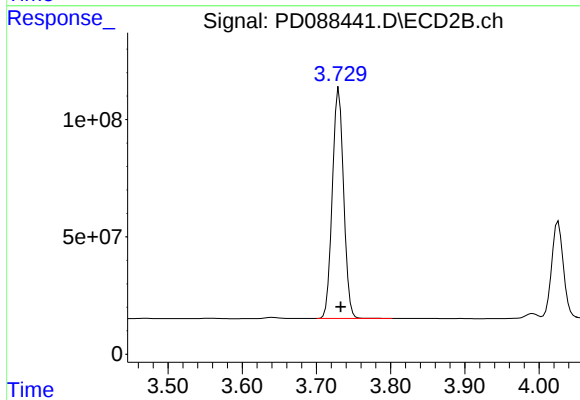
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 1130418182
Conc: 49.45 ng/ml



#3 gamma-BHC (Lindane)

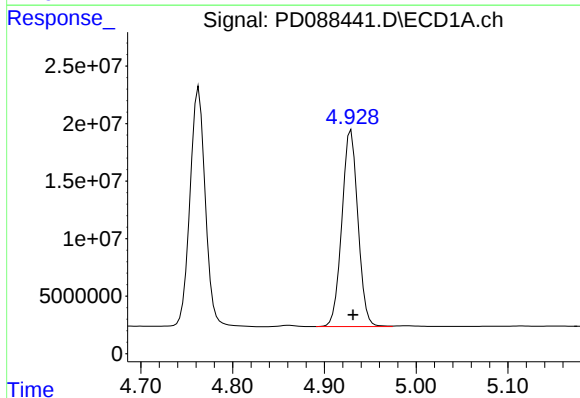
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 233032801
Conc: 55.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



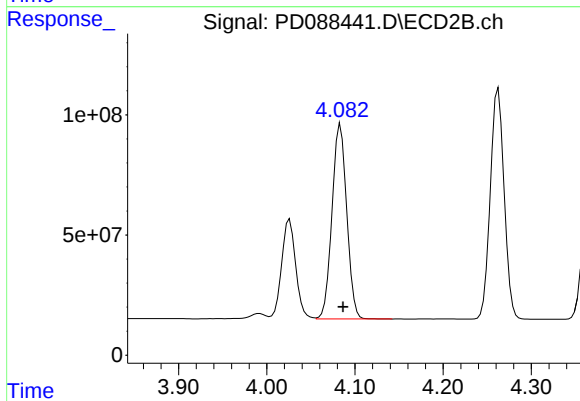
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.003 min
Response: 1040378093
Conc: 48.30 ng/ml



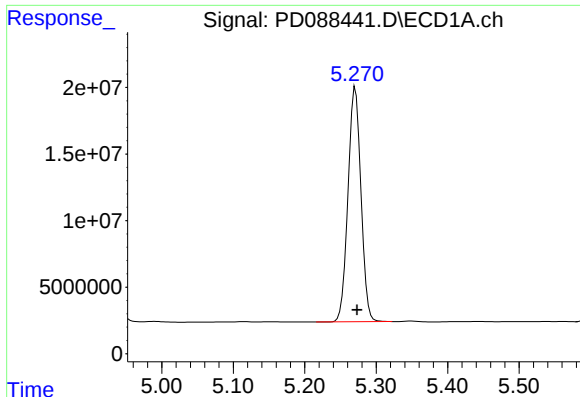
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 206676081
Conc: 51.17 ng/ml



#4 Heptachlor

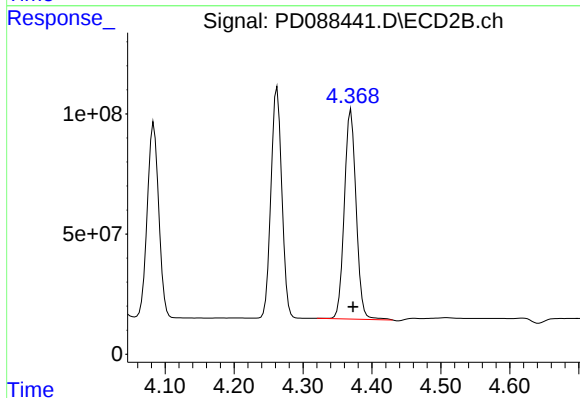
R.T.: 4.084 min
Delta R.T.: -0.003 min
Response: 941267502
Conc: 43.99 ng/ml



#5 Aldrin

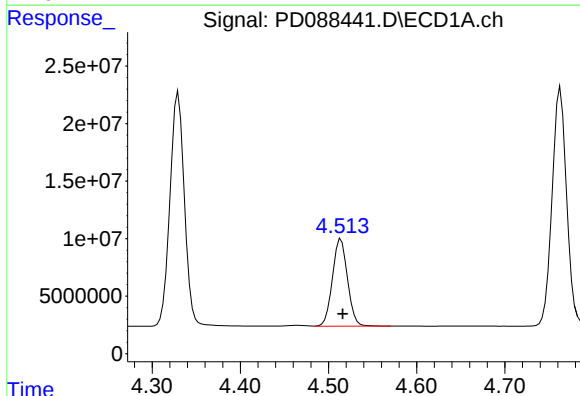
R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 222802995
Conc: 56.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



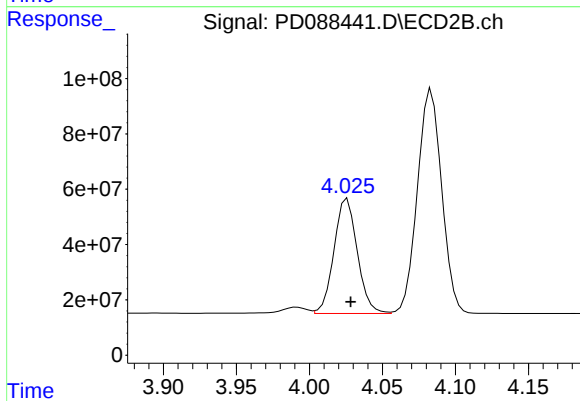
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 1037701766
Conc: 49.88 ng/ml



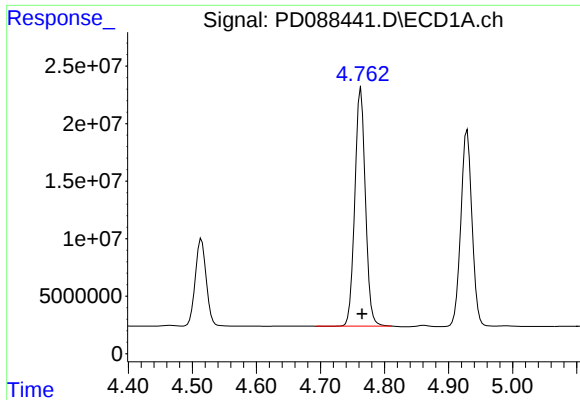
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 90119970
Conc: 55.51 ng/ml



#6 beta-BHC

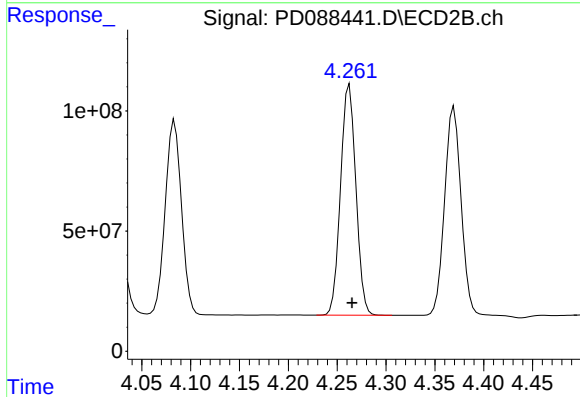
R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 461196018
Conc: 49.84 ng/ml



#7 delta-BHC

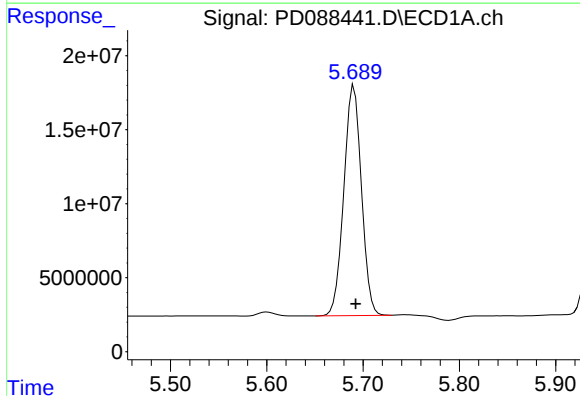
R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 237882288
Conc: 57.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



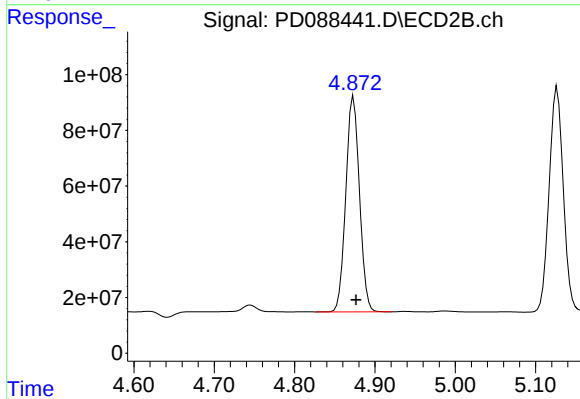
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.003 min
Response: 1050690664
Conc: 49.42 ng/ml



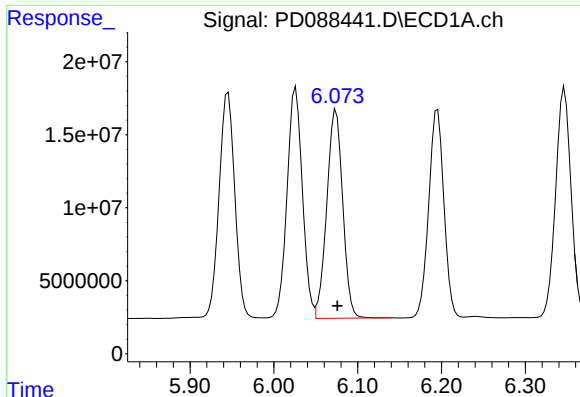
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 196580264
Conc: 55.00 ng/ml



#8 Heptachlor epoxide

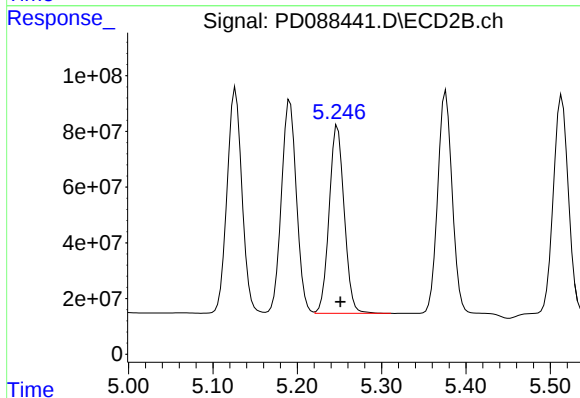
R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 914815558
Conc: 48.42 ng/ml



#9 Endosulfan I

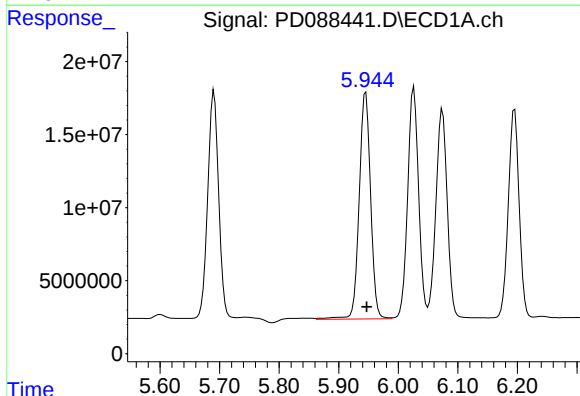
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 188801374
Conc: 55.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



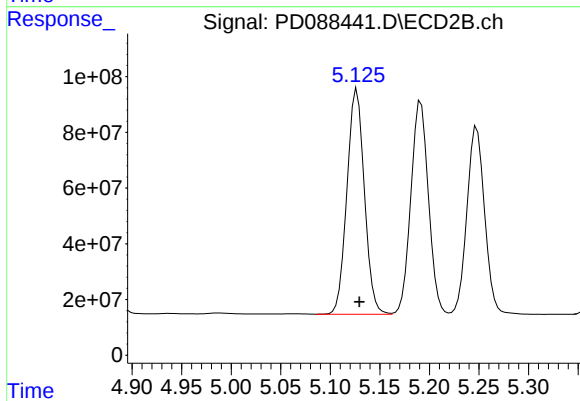
#9 Endosulfan I

R.T.: 5.248 min
Delta R.T.: -0.003 min
Response: 836549706
Conc: 46.44 ng/ml



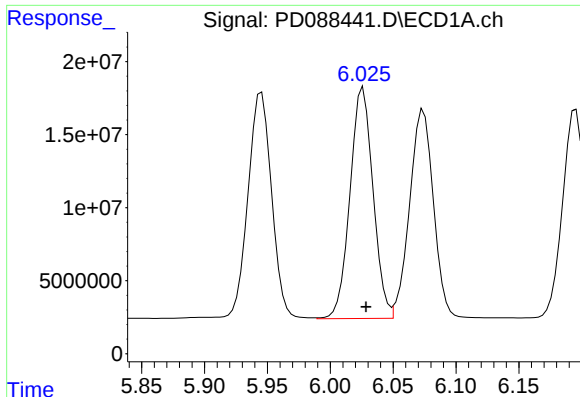
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 206582461
Conc: 57.03 ng/ml



#10 gamma-Chlordane

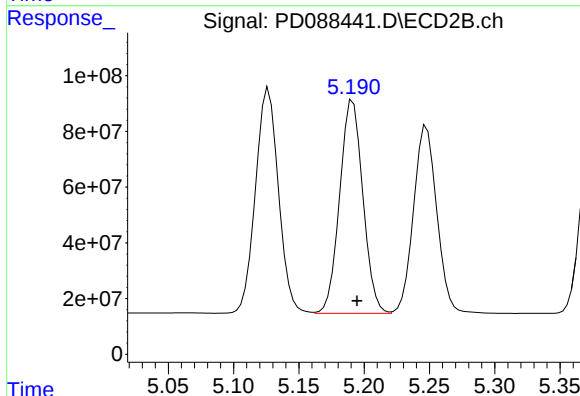
R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 989881508
Conc: 48.77 ng/ml



#11 alpha-Chlordane

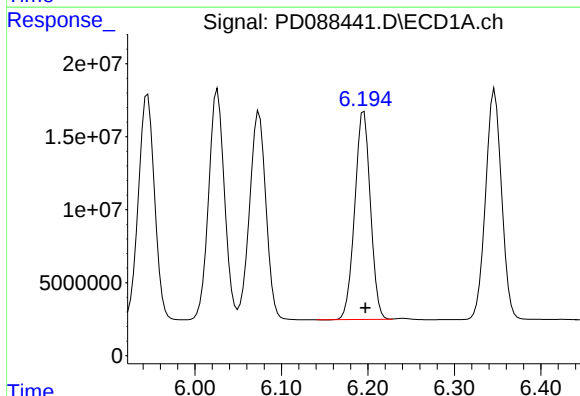
R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 201811349
Conc: 55.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



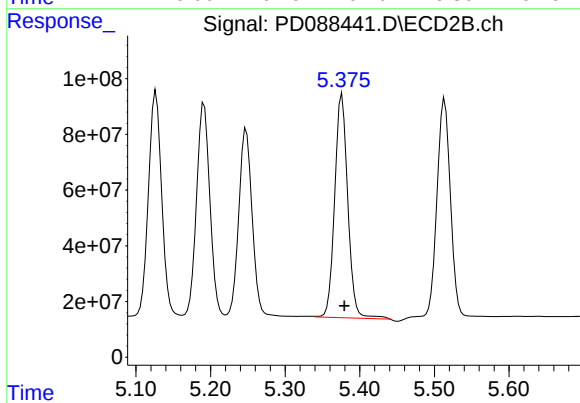
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 947834914
Conc: 48.35 ng/ml



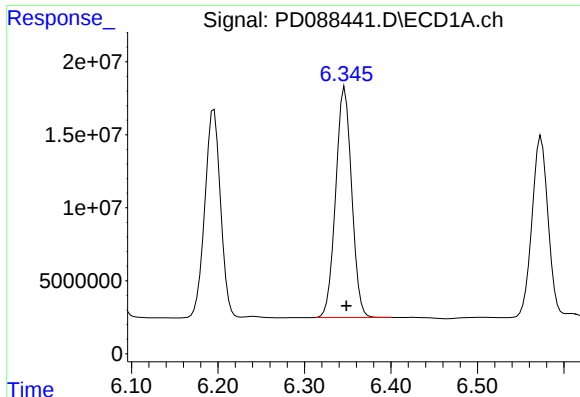
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 179141228
Conc: 54.31 ng/ml



#12 4,4'-DDE

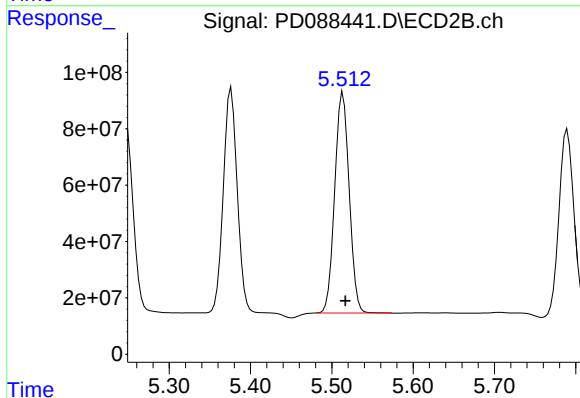
R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 981003835
Conc: 49.81 ng/ml



#13 Dieldrin

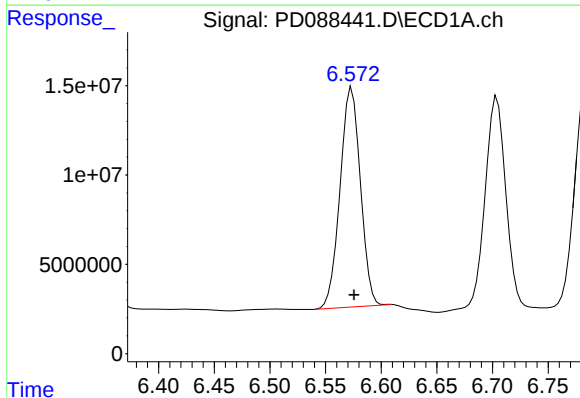
R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 201375165
Conc: 56.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



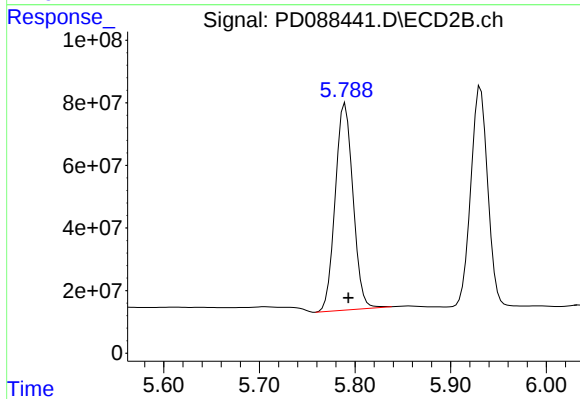
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 969218058
Conc: 48.62 ng/ml



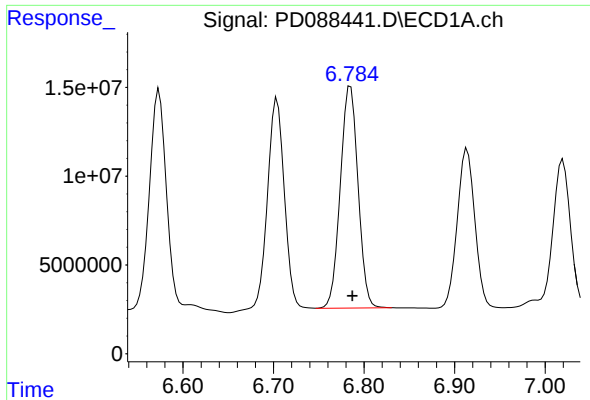
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 156720355
Conc: 52.55 ng/ml



#14 Endrin

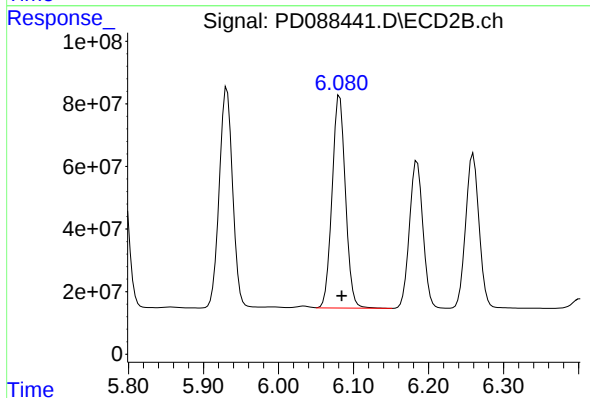
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 850733197
Conc: 46.74 ng/ml



#15 Endosulfan II

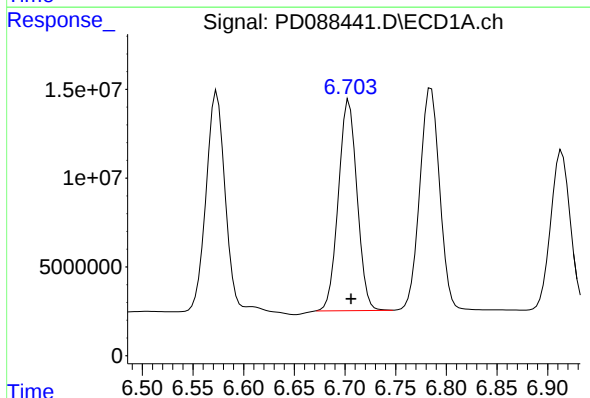
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 170330605
Conc: 54.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



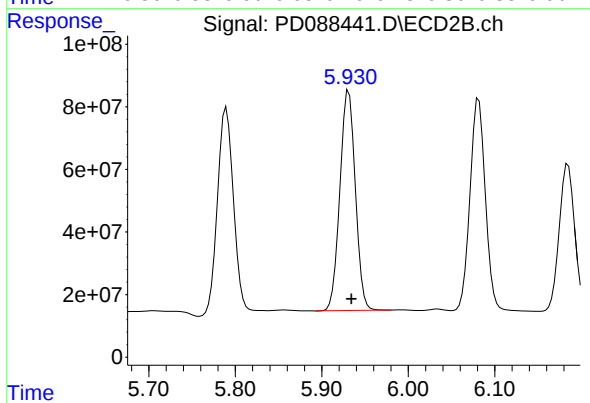
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.003 min
Response: 842479782
Conc: 48.08 ng/ml



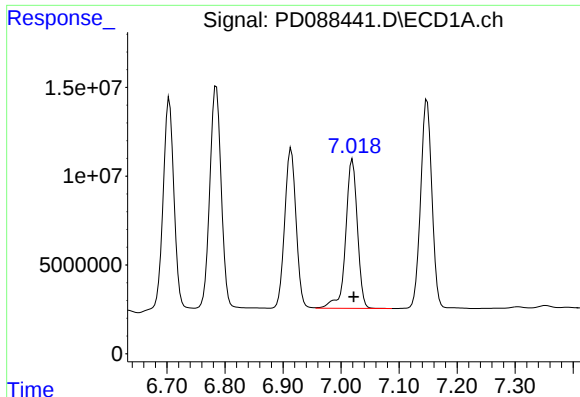
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 152245981
Conc: 60.54 ng/ml



#16 4,4'-DDD

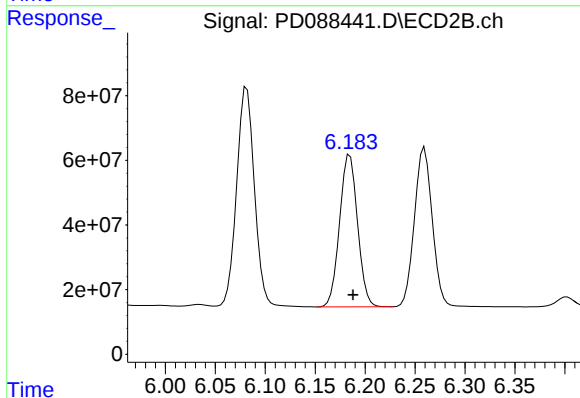
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 867250715
Conc: 52.93 ng/ml



#17 4,4'-DDT

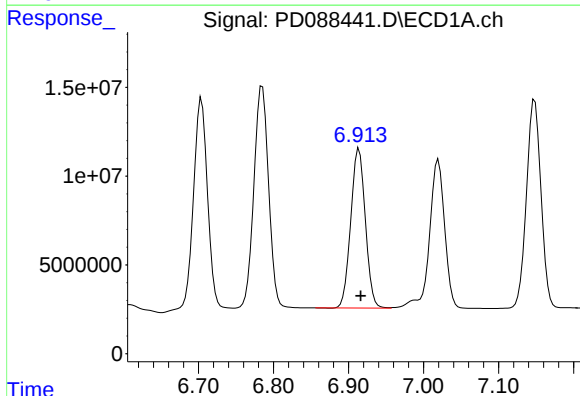
R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 117809203
Conc: 42.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



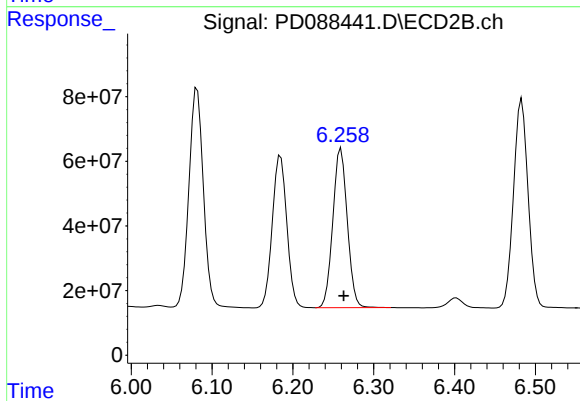
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 590013746
Conc: 34.67 ng/ml



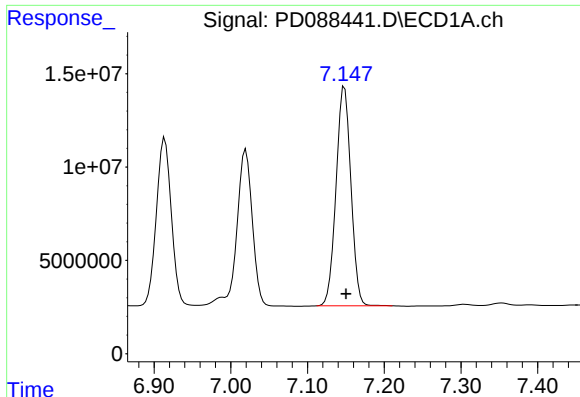
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.002 min
Response: 121476280
Conc: 52.63 ng/ml



#18 Endrin aldehyde

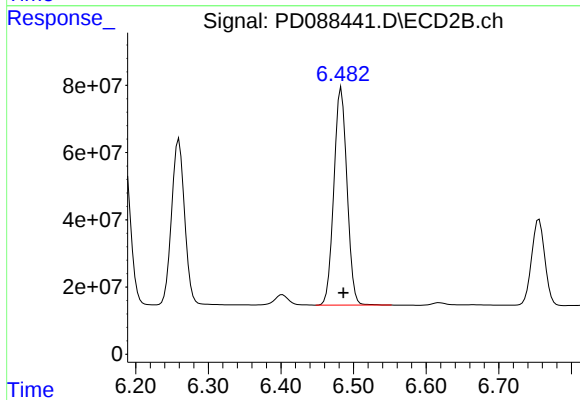
R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 613524774
Conc: 46.13 ng/ml



#19 Endosulfan Sulfate

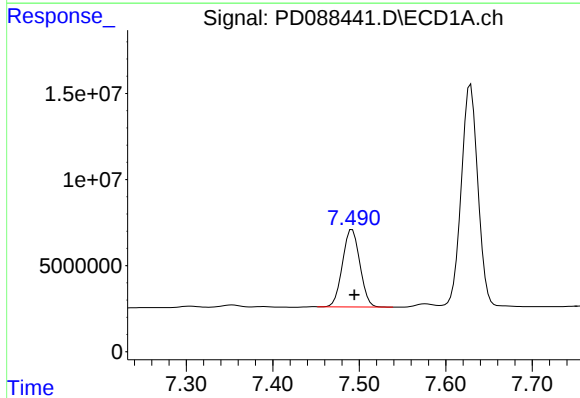
R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 158207820
Conc: 55.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



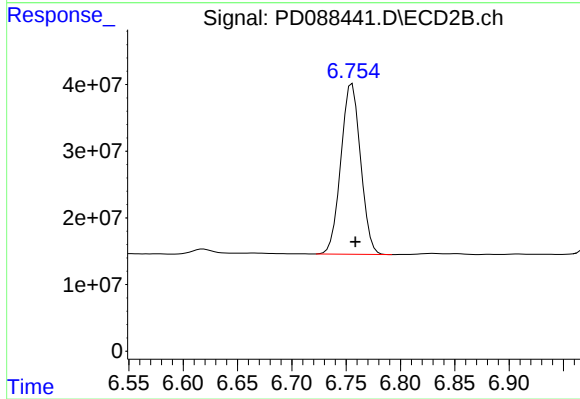
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 812438519
Conc: 47.42 ng/ml



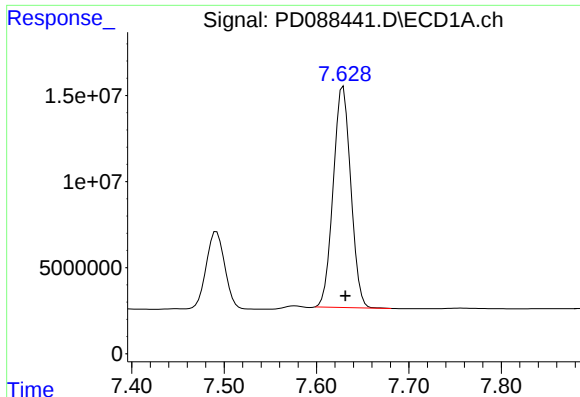
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 62434798
Conc: 41.64 ng/ml



#20 Methoxychlor

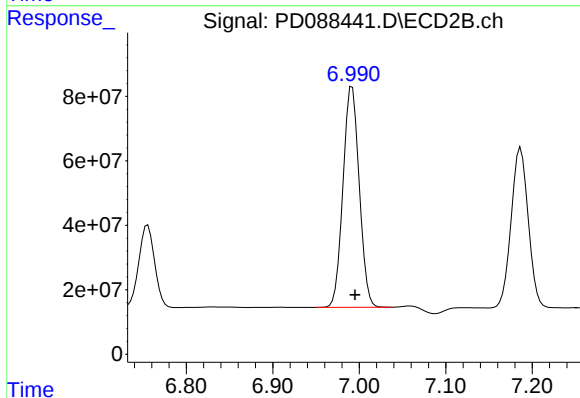
R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 323605691
Conc: 35.48 ng/ml



#21 Endrin ketone

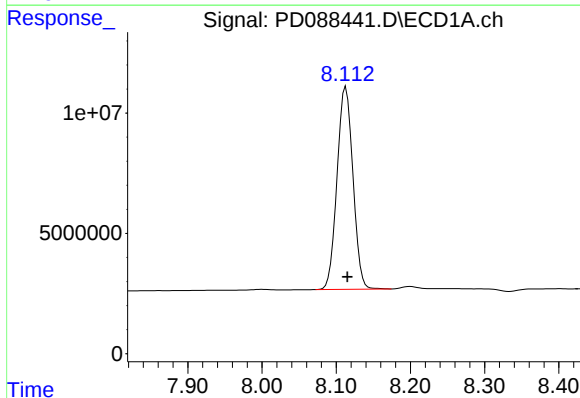
R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 169586785
Conc: 54.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



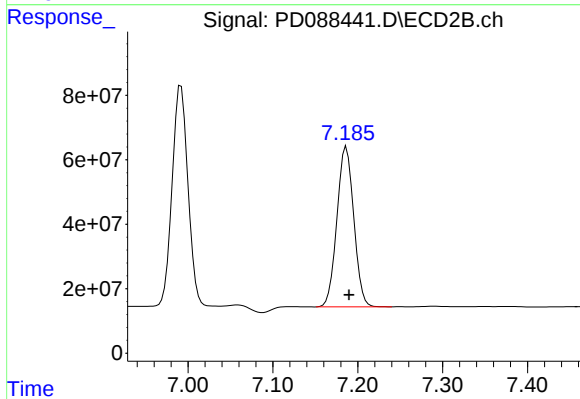
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 888191655
Conc: 47.49 ng/ml



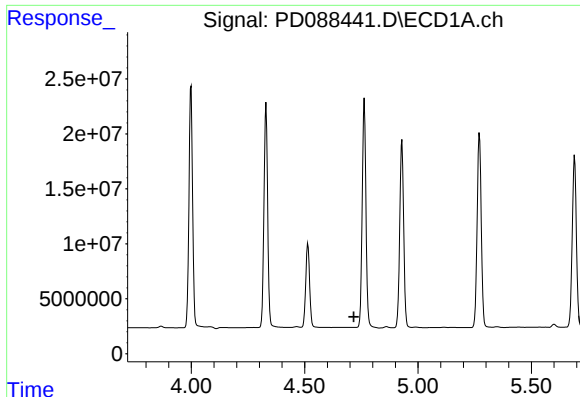
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 125650299
Conc: 53.51 ng/ml



#22 Mirex

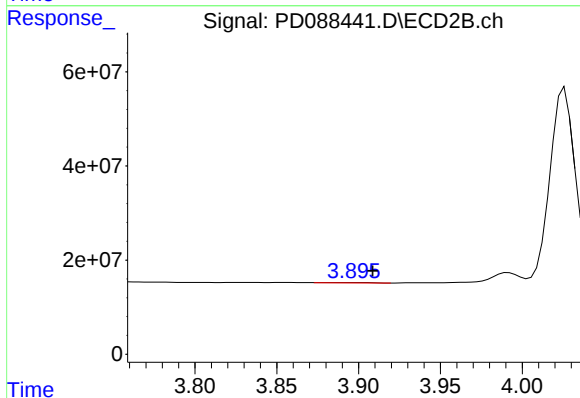
R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 684783708
Conc: 46.20 ng/ml



#23 Chlordane-1

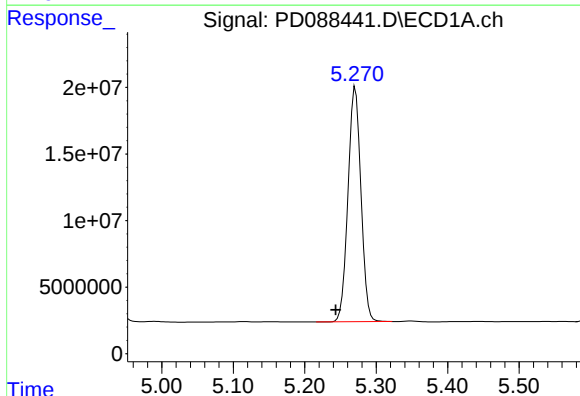
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



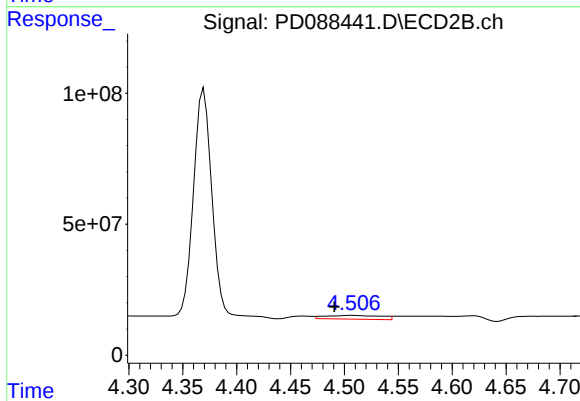
#23 Chlordane-1

R.T.: 3.895 min
Delta R.T.: -0.014 min
Response: 1621889
Conc: 2.02 ng/ml



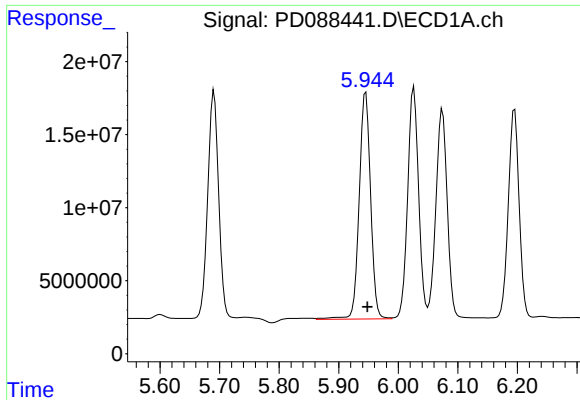
#24 Chlordane-2

R.T.: 5.271 min
Delta R.T.: 0.028 min
Response: 222802995
Conc: 1337.92 ng/ml



#24 Chlordane-2

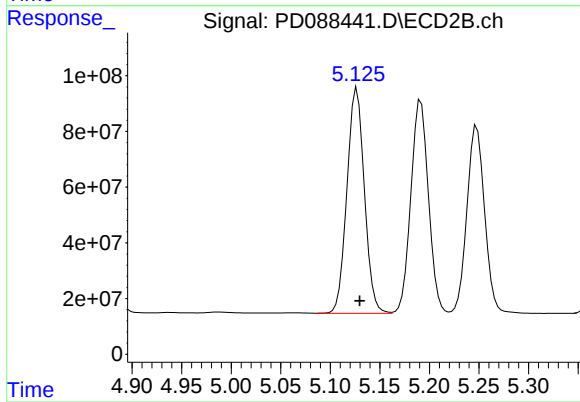
R.T.: 4.508 min
Delta R.T.: 0.017 min
Response: 52139654
Conc: 63.18 ng/ml



#25 Chlordane-3

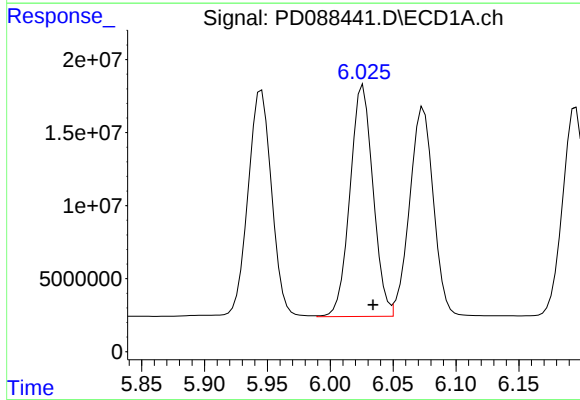
R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 206582461
Conc: 306.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



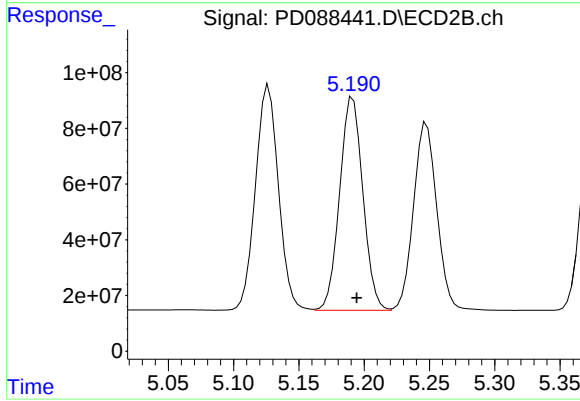
#25 Chlordane-3

R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 989881508
Conc: 391.41 ng/ml



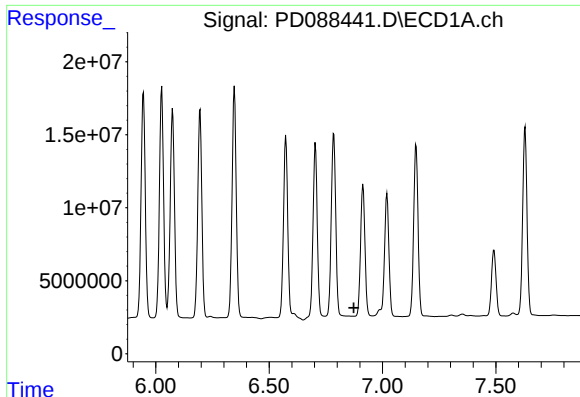
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.008 min
Response: 201811349
Conc: 247.52 ng/ml



#26 Chlordane-4

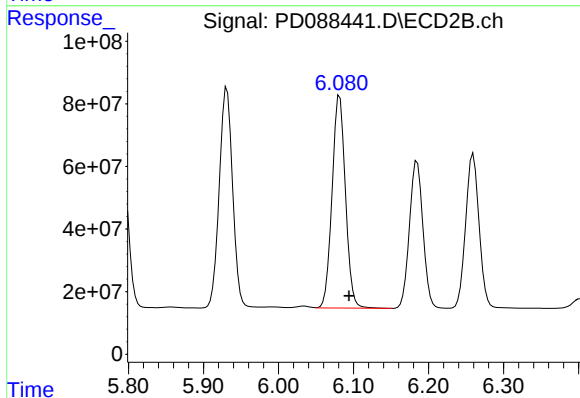
R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 947834914
Conc: 443.30 ng/ml



#27 Chlordane-5

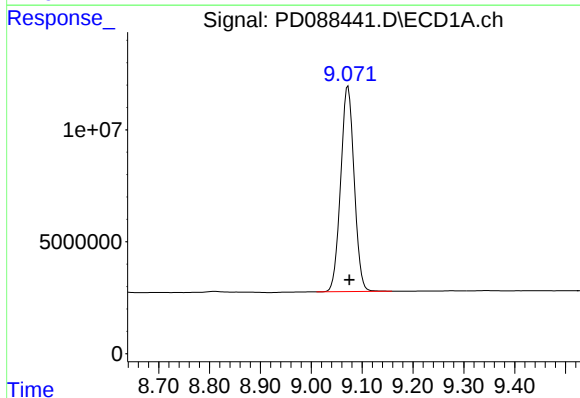
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



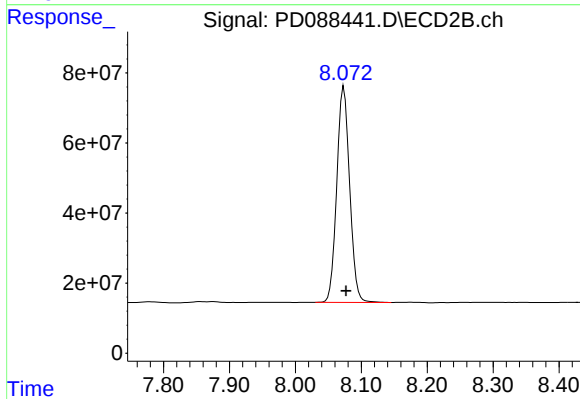
#27 Chlordane-5

R.T.: 6.082 min
Delta R.T.: -0.012 min
Response: 842479782
Conc: 872.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.003 min
Response: 168983773
Conc: 51.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 836510445
Conc: 45.27 ng/ml