

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090430.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 19:13
 Operator : AR\AJ
 Sample : Q3179-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:33:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.876	57410072	454.9E6	17.662	16.574
28)	SA Decachlor...	9.063	8.062	71487004	439.4E6	14.816	13.556
Target Compounds							
2)	A alpha-BHC	3.995	3.387	293.3E6	1744.9E6	41.993	39.854
3)	MA gamma-BHC...	4.325	3.723	261.3E6	1627.1E6	39.493	39.943
4)	MA Heptachlor	4.923	4.075	243.3E6	1436.1E6	36.787	35.269
5)	MB Aldrin	5.265	4.361	221.9E6	1370.7E6	34.950	34.323
6)	B beta-BHC	4.512	4.019	102.8E6	711.9E6	39.863	41.068
7)	B delta-BHC	4.760	4.256	-4498783	1622.5E6	N.D.	39.290
8)	B Heptachlo...	5.684	4.864	228.3E6	1647.1E6	39.951	44.679
9)	A Endosulfan I	6.068	5.238	204.1E6	1379.5E6	37.784	39.864
10)	B gamma-Chl...	5.940	5.117	215.6E6	1490.7E6	37.743	37.945
11)	B alpha-Chl...	6.020	5.182	164.3E6	1443.6E6	28.520	38.327 #
12)	B 4,4'-DDE	6.190	5.366	210.1E6	1454.7E6	40.348	38.002
13)	MA Dieldrin	6.340	5.504	244.6E6	1541.0E6	42.434	39.568
14)	MA Endrin	6.568	5.780	212.5E6	1428.4E6	43.424	39.865
15)	B Endosulfa...	6.780	6.072	210.3E6	1355.0E6	43.113	40.146
16)	A 4,4'-DDD	6.699	5.920	172.3E6	1263.6E6	42.038	38.967
17)	MA 4,4'-DDT	7.015	6.174	192.0E6	1365.3E6	43.129	39.713
18)	B Endrin al...	6.909	6.250	150.6E6	979.2E6	43.890	41.586
19)	B Endosulfa...	7.144	6.474	195.7E6	1302.2E6	42.540	39.834
20)	A Methoxychlor	7.487	6.744	103.6E6	694.1E6	43.965	39.887
21)	B Endrin ke...	7.624	6.982	215.6E6	1389.3E6	43.584	38.483
22)	Mirex	8.106	7.175	153.9E6	990.0E6	41.528	35.862
23)	Chlordane-1	4.712	3.913	56026	64004204	0.267	53.182 #
24)	Chlordane-2	5.265f	4.496	221.9E6	6467993	1034.193	5.172 #
25)	Chlordane-3	5.940	5.117	215.6E6	1490.7E6	257.563	393.272 #
26)	Chlordane-4	6.020	5.182	164.3E6	1443.6E6	160.993	443.354 #
27)	Chlordane-5	0.000	6.072	0	1355.0E6	N.D.	892.831 #

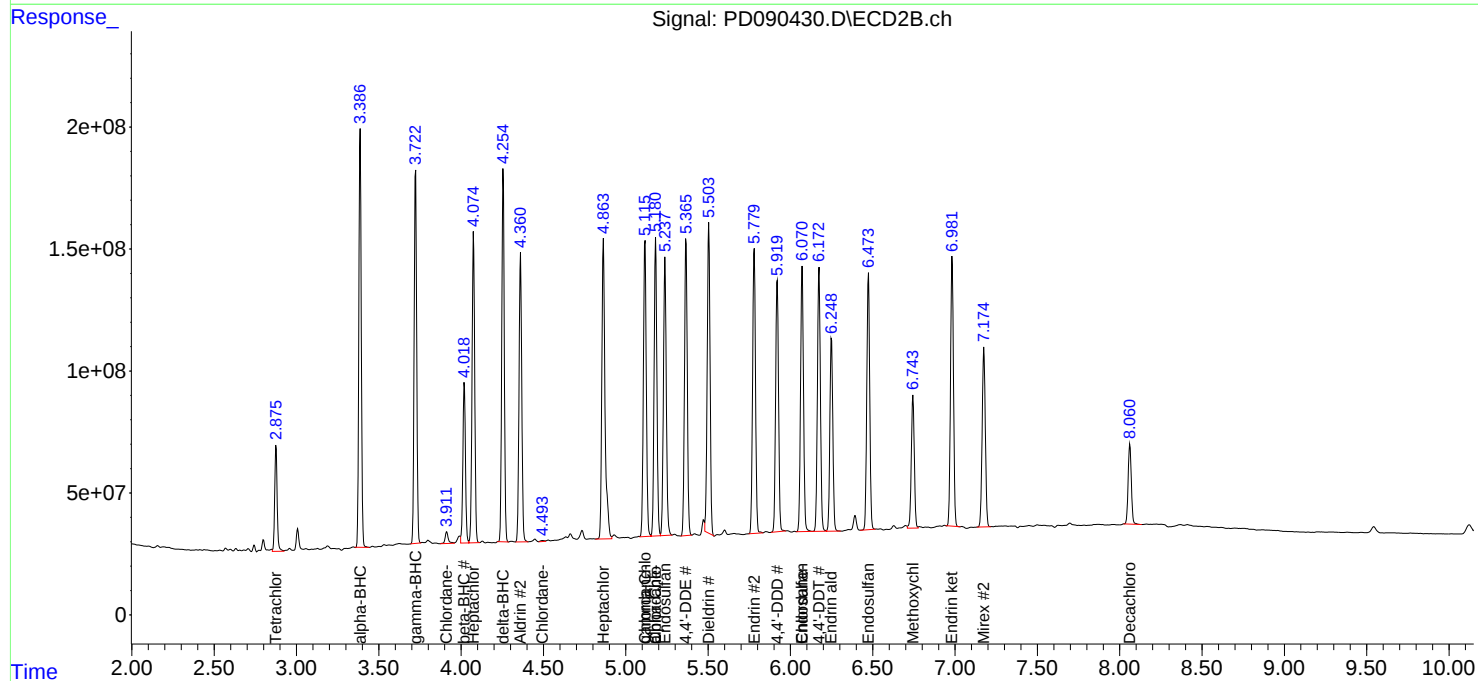
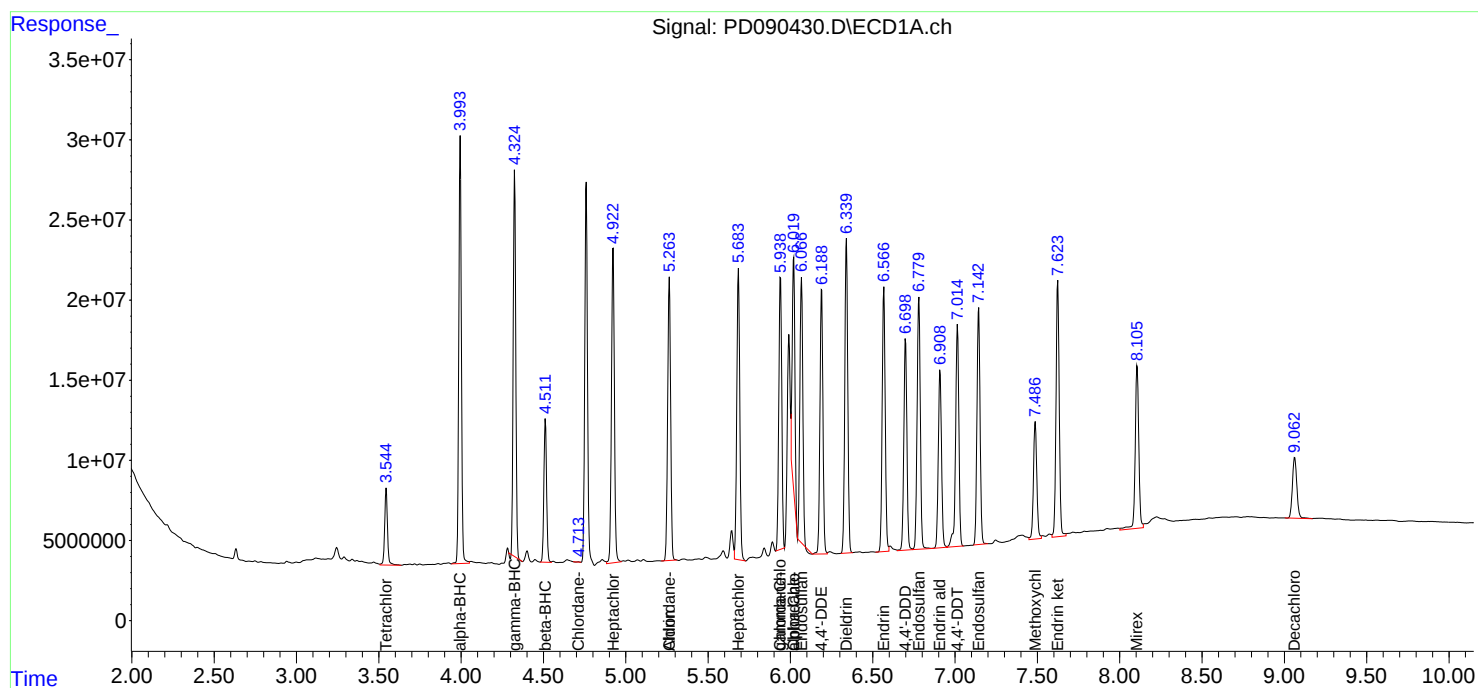
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

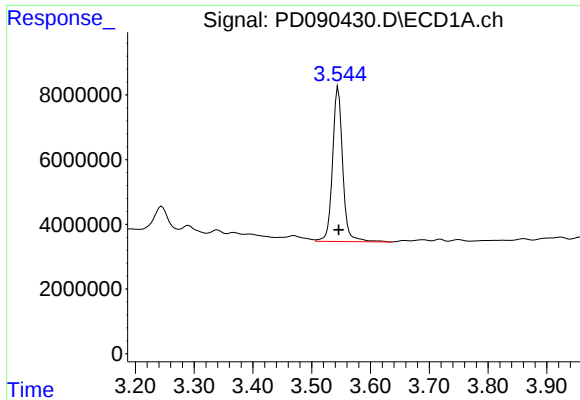
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090430.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 19:13
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:33:18 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

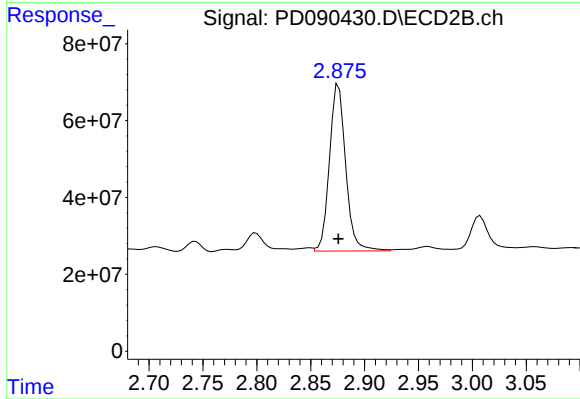




#1 Tetrachloro-m-xylene

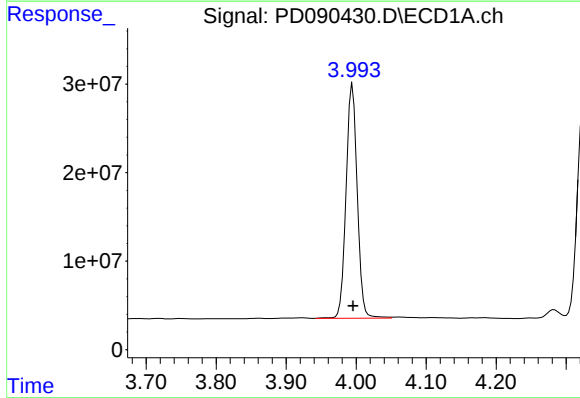
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 57410072
Conc: 17.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



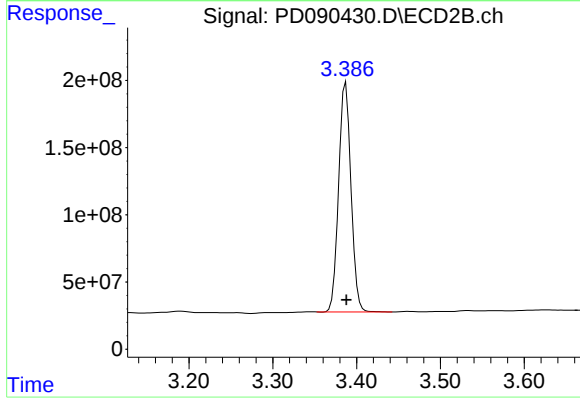
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 454943851
Conc: 16.57 ng/ml



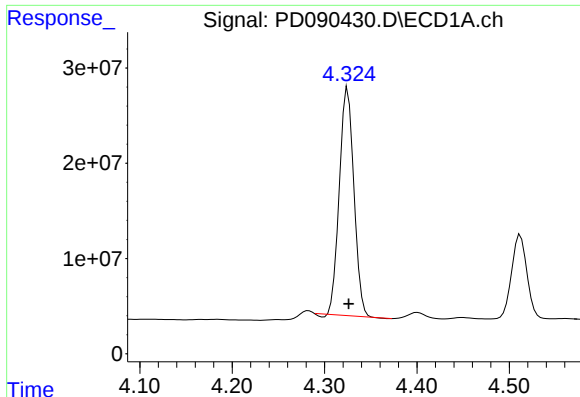
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 293299101
Conc: 41.99 ng/ml



#2 alpha-BHC

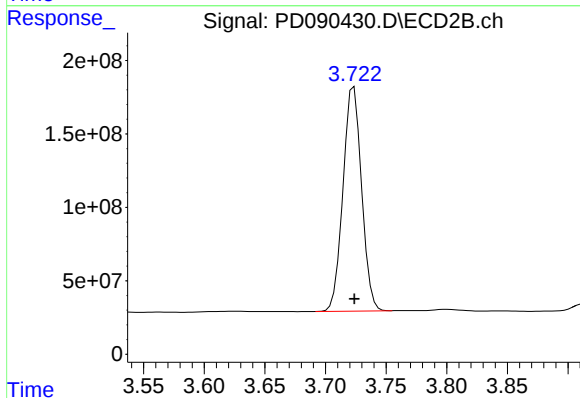
R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1744915165
Conc: 39.85 ng/ml



#3 gamma-BHC (Lindane)

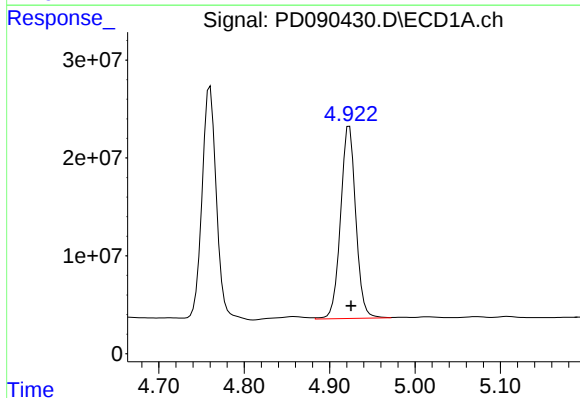
R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 261319136
Conc: 39.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



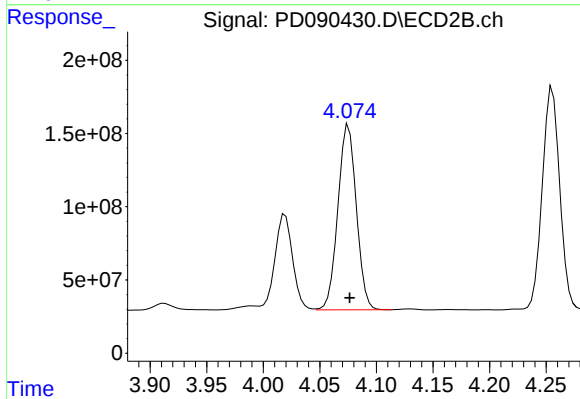
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1627097718
Conc: 39.94 ng/ml



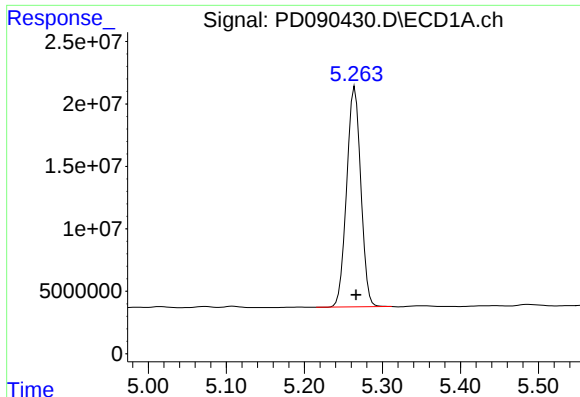
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 243256716
Conc: 36.79 ng/ml



#4 Heptachlor

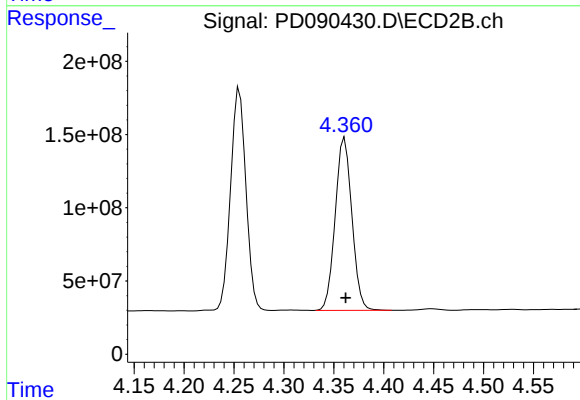
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 1436051666
Conc: 35.27 ng/ml



#5 Aldrin

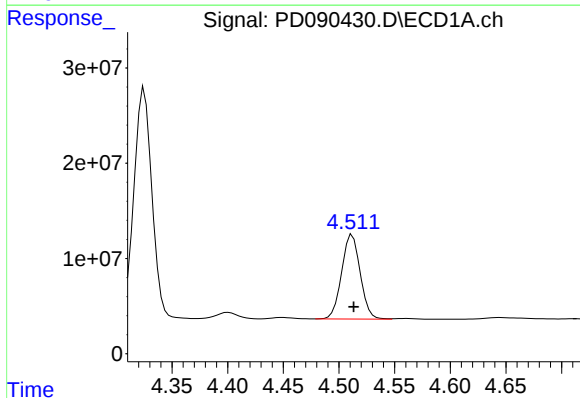
R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 221933336
Conc: 34.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



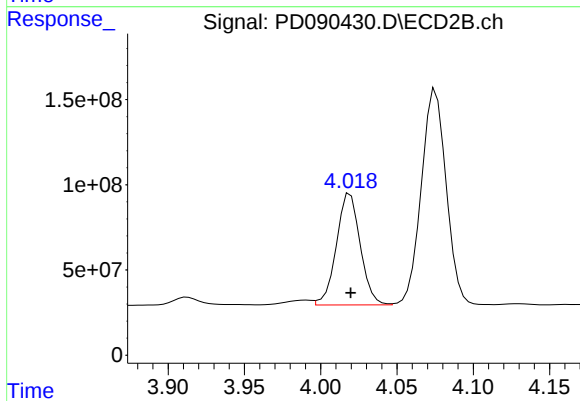
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 1370675604
Conc: 34.32 ng/ml



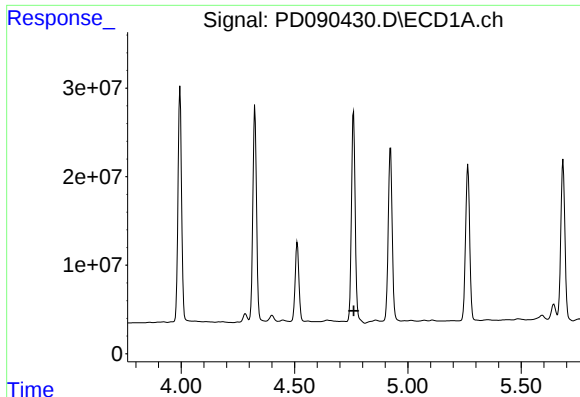
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 102842526
Conc: 39.86 ng/ml



#6 beta-BHC

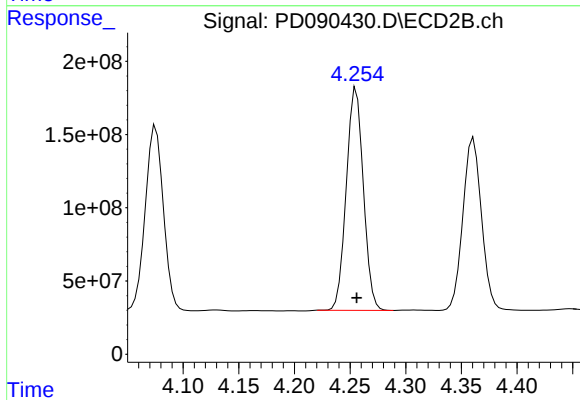
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 711929031
Conc: 41.07 ng/ml



#7 delta-BHC

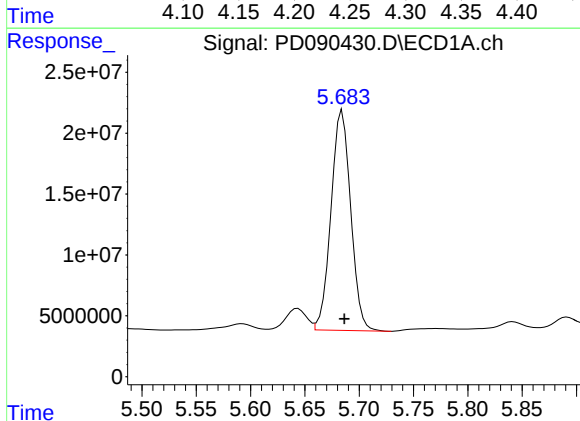
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: -4498783
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



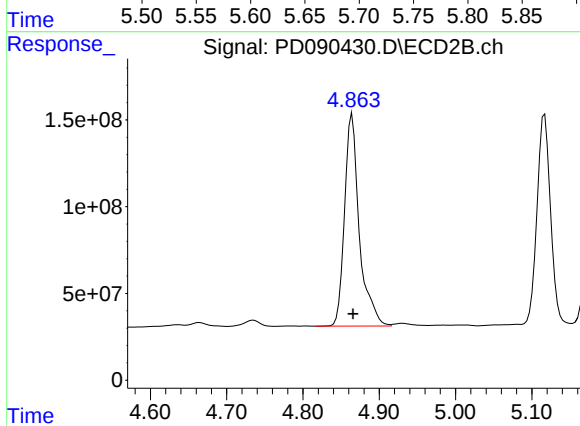
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 1622486588
Conc: 39.29 ng/ml



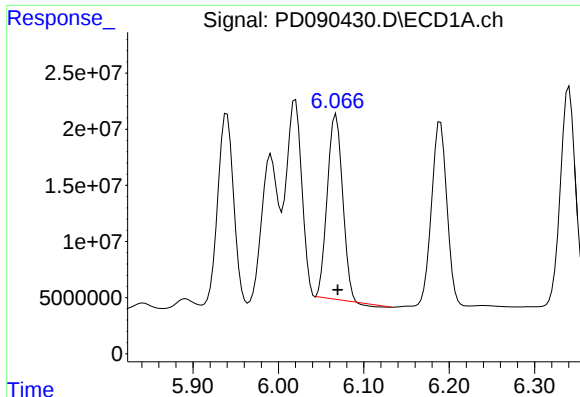
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 228317750
Conc: 39.95 ng/ml



#8 Heptachlor epoxide

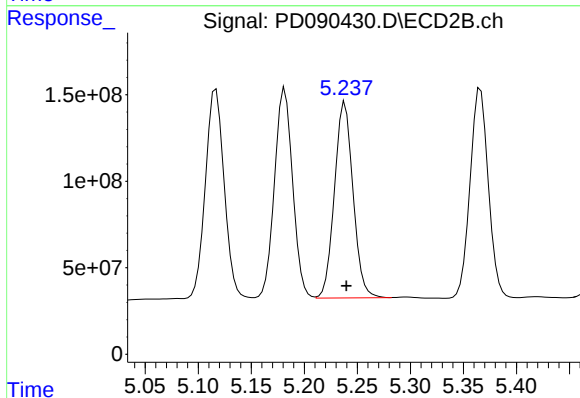
R.T.: 4.864 min
Delta R.T.: -0.001 min
Response: 1647078885
Conc: 44.68 ng/ml



#9 Endosulfan I

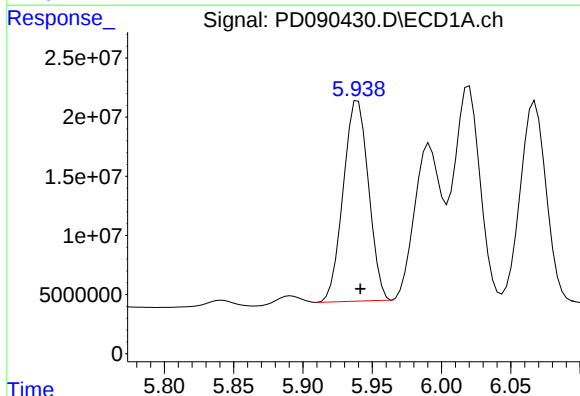
R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 204088832
Conc: 37.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



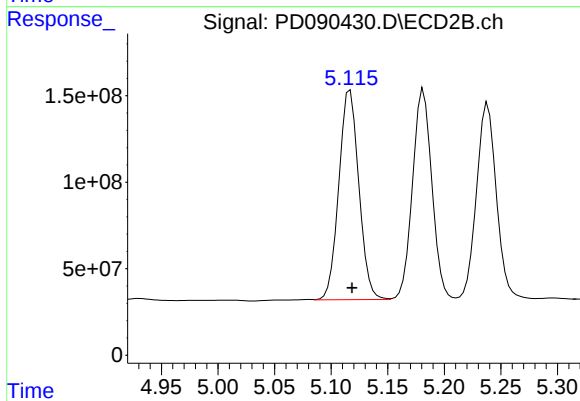
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 1379495638
Conc: 39.86 ng/ml



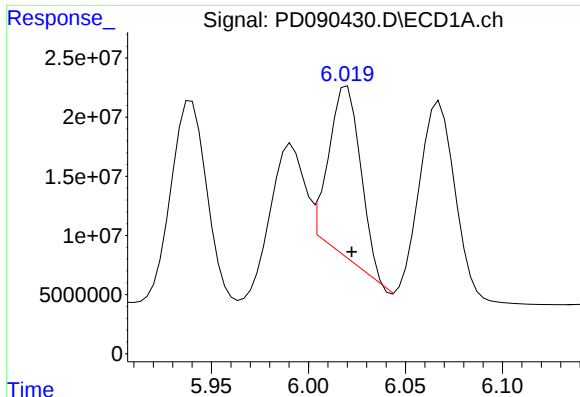
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 215583685
Conc: 37.74 ng/ml



#10 gamma-Chlordane

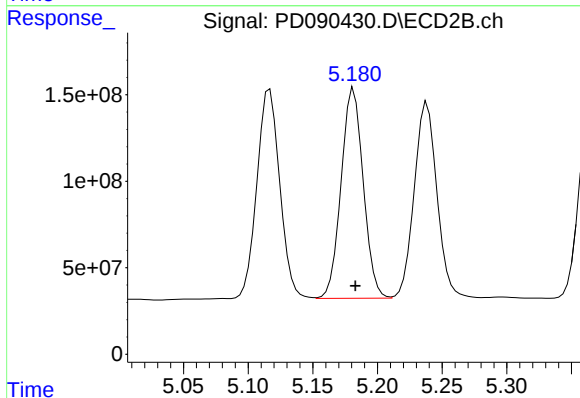
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 1490724633
Conc: 37.95 ng/ml



#11 alpha-Chlordane

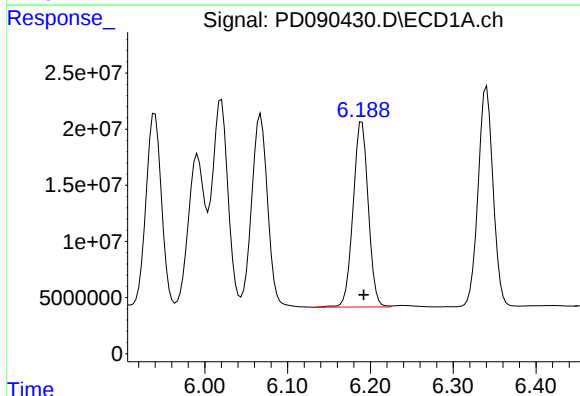
R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 164300215
Conc: 28.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



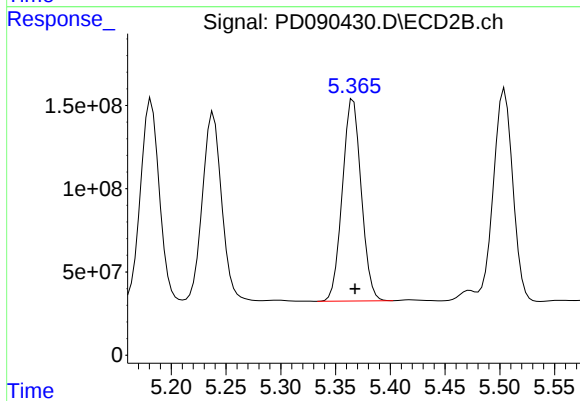
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1443579880
Conc: 38.33 ng/ml



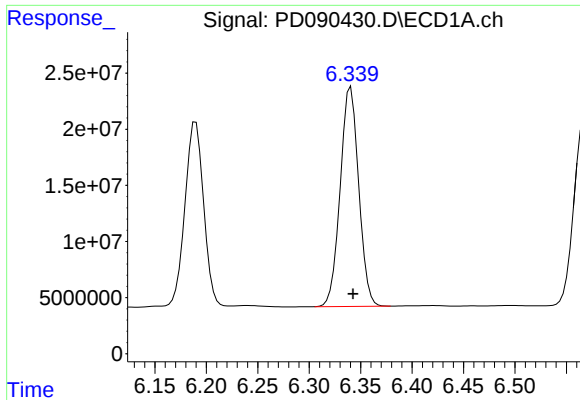
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 210115247
Conc: 40.35 ng/ml



#12 4,4'-DDE

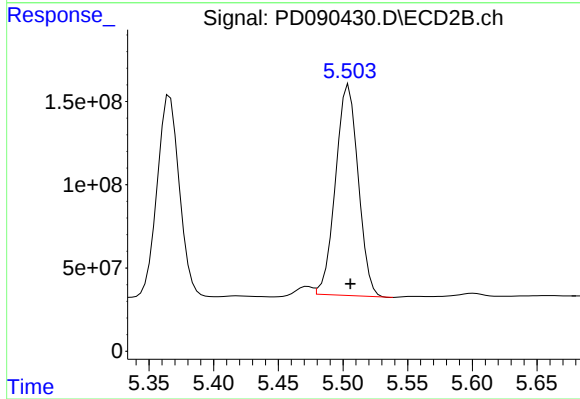
R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 1454684700
Conc: 38.00 ng/ml



#13 Dieldrin

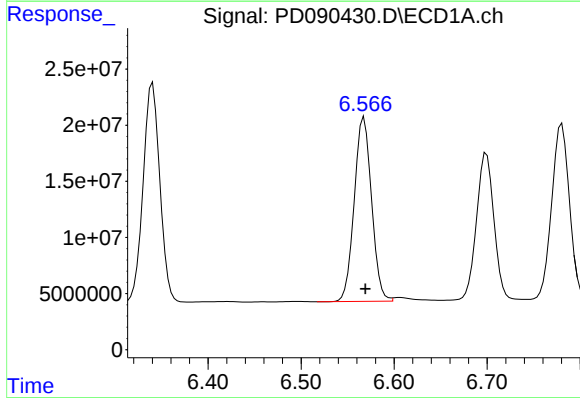
R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 244621504
Conc: 42.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



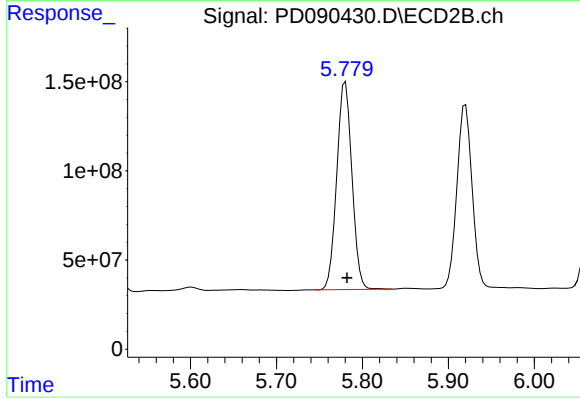
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 1541015297
Conc: 39.57 ng/ml



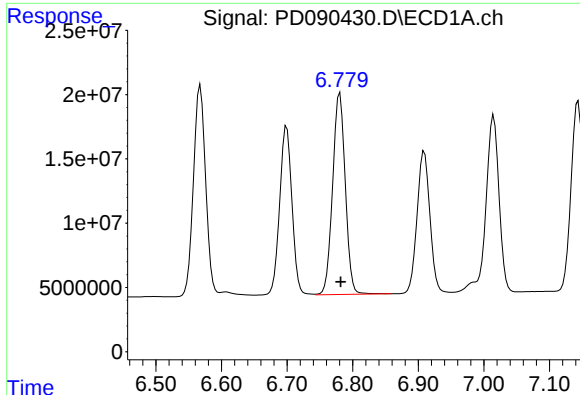
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 212516241
Conc: 43.42 ng/ml



#14 Endrin

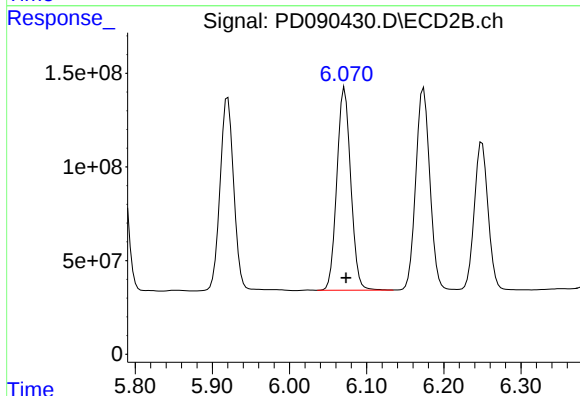
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1428444722
Conc: 39.86 ng/ml



#15 Endosulfan II

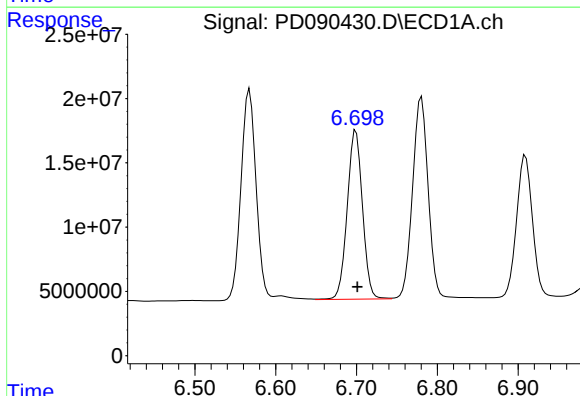
R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 210297271
Conc: 43.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



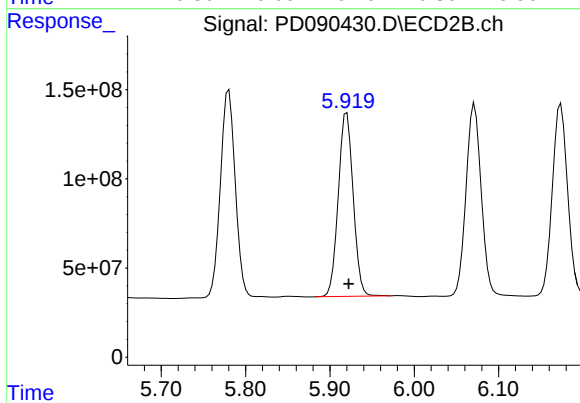
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 1354969501
Conc: 40.15 ng/ml



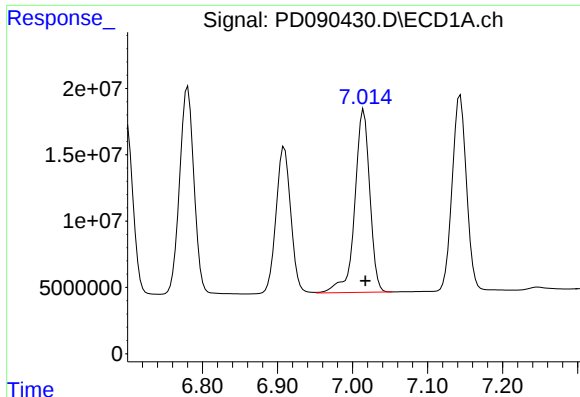
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 172264390
Conc: 42.04 ng/ml



#16 4,4'-DDD

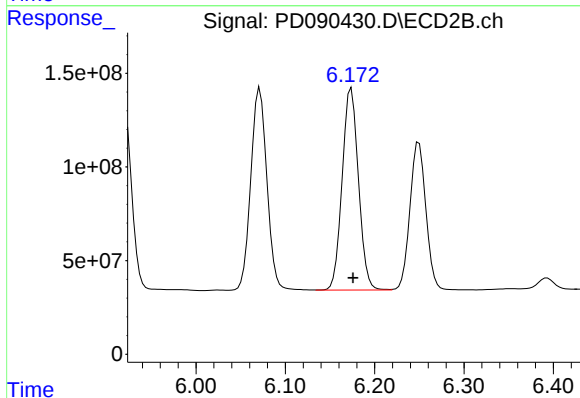
R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1263618168
Conc: 38.97 ng/ml



#17 4,4'-DDT

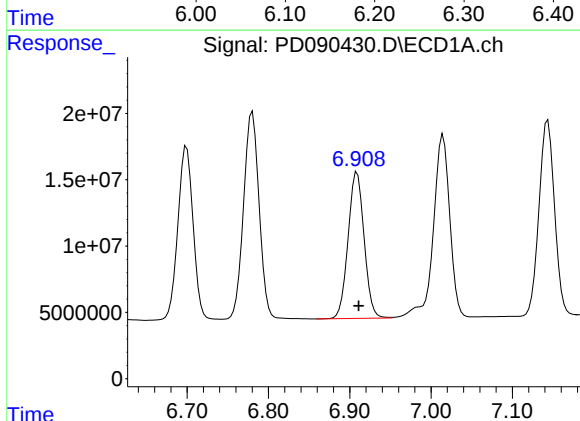
R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 192030042
Conc: 43.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



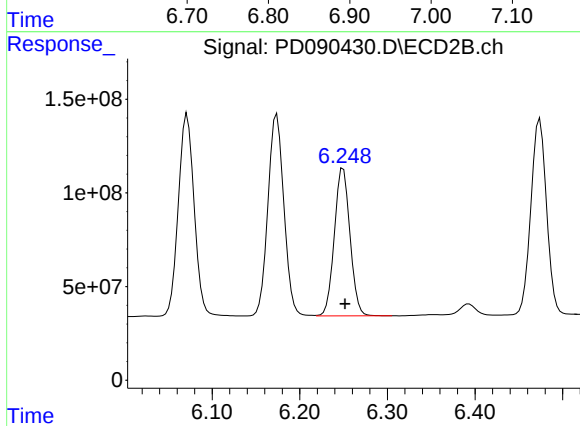
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1365289303
Conc: 39.71 ng/ml



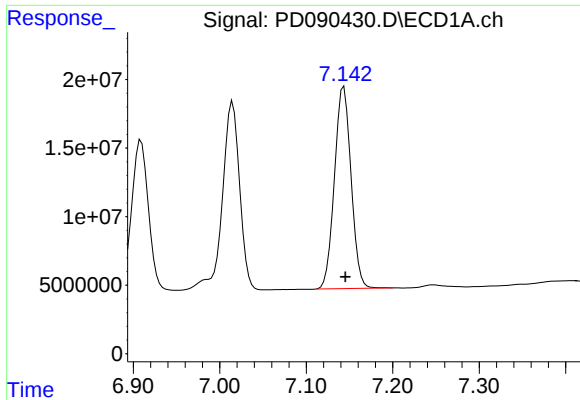
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.002 min
Response: 150568098
Conc: 43.89 ng/ml



#18 Endrin aldehyde

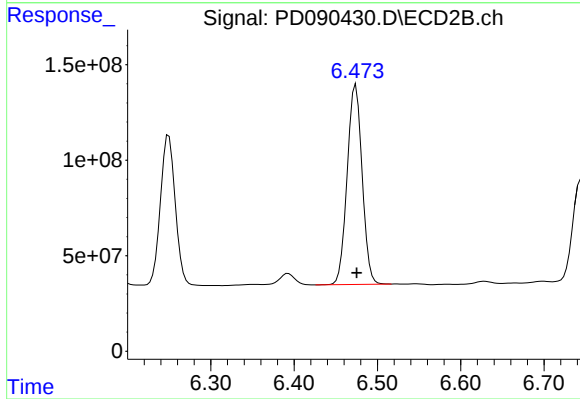
R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 979207769
Conc: 41.59 ng/ml



#19 Endosulfan Sulfate

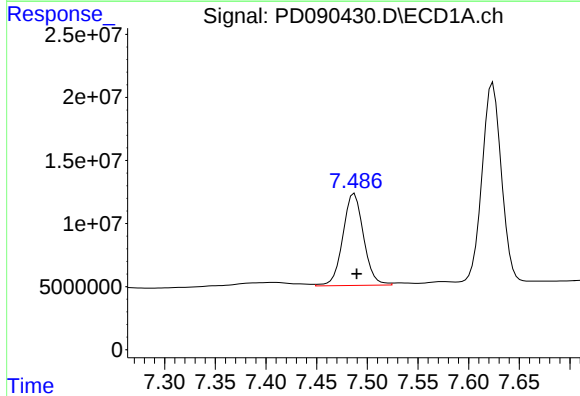
R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 195699160
Conc: 42.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



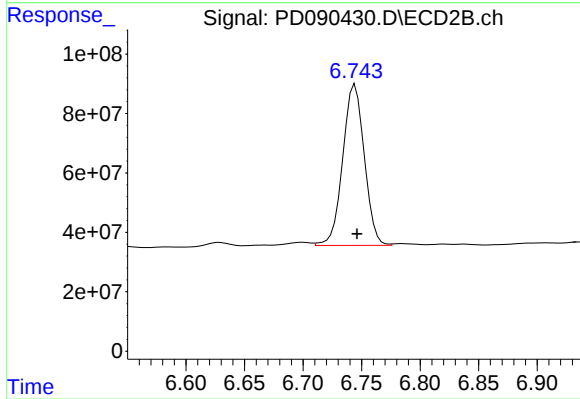
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1302174427
Conc: 39.83 ng/ml



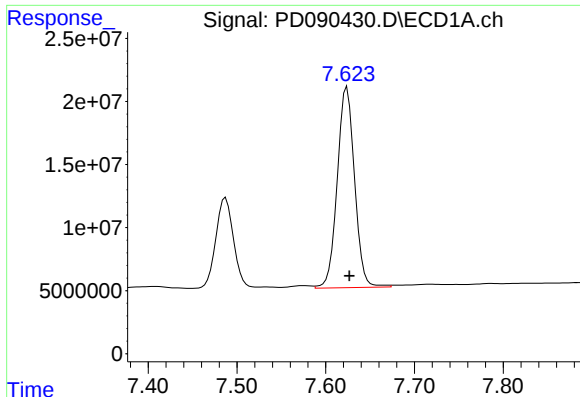
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 103604525
Conc: 43.97 ng/ml



#20 Methoxychlor

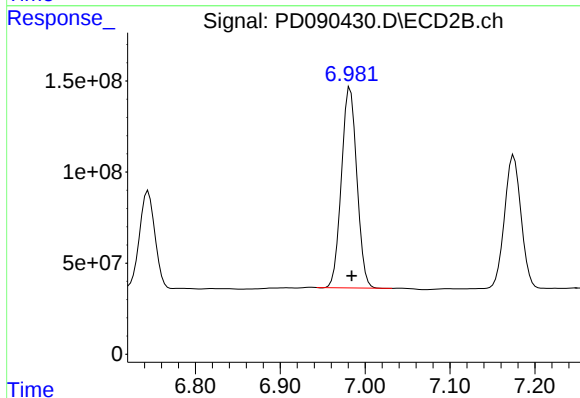
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 694056900
Conc: 39.89 ng/ml



#21 Endrin ketone

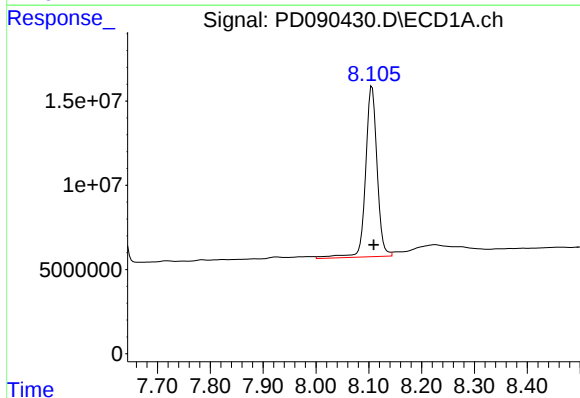
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 215628345
Conc: 43.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



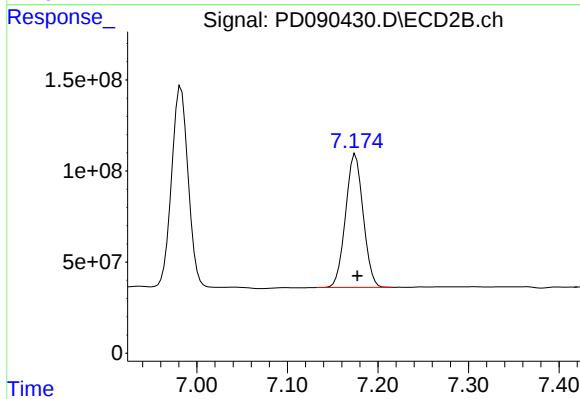
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 1389340212
Conc: 38.48 ng/ml



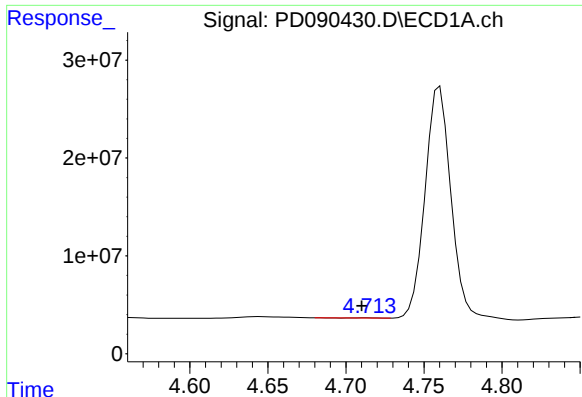
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 153853404
Conc: 41.53 ng/ml



#22 Mirex

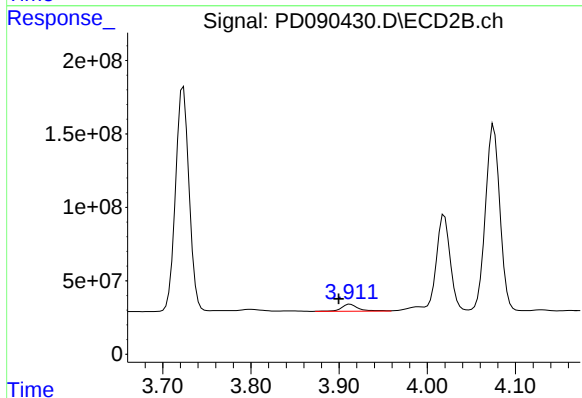
R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 990021703
Conc: 35.86 ng/ml



#23 Chlordane-1

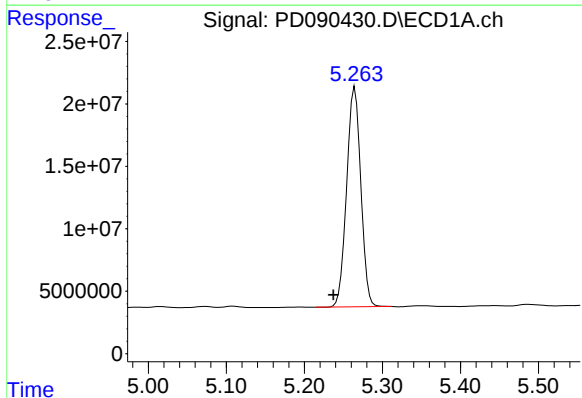
R.T.: 4.712 min
Delta R.T.: 0.002 min
Response: 56026
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :



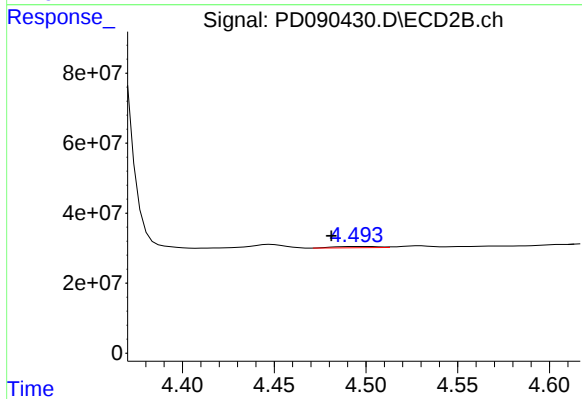
#23 Chlordane-1

R.T.: 3.913 min
Delta R.T.: 0.013 min
Response: 64004204
Conc: 53.18 ng/ml



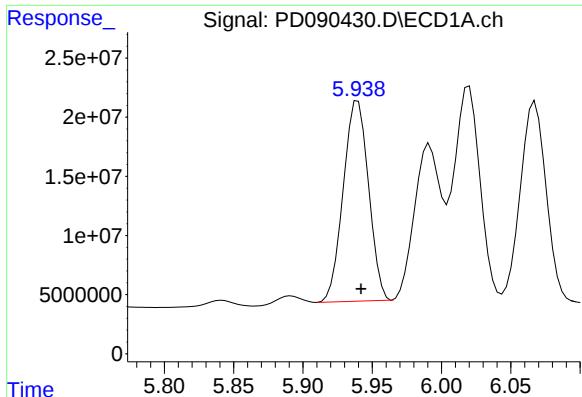
#24 Chlordane-2

R.T.: 5.265 min
Delta R.T.: 0.028 min
Response: 221933336
Conc: 1034.19 ng/ml



#24 Chlordane-2

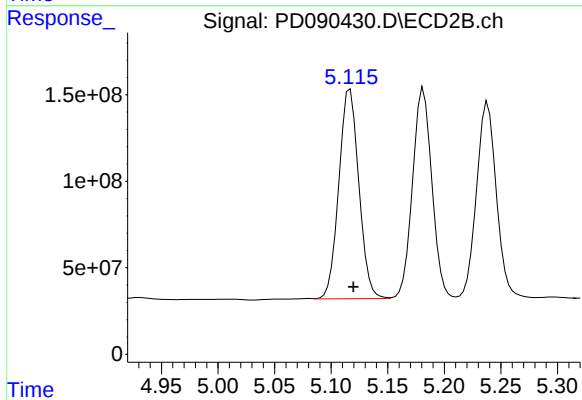
R.T.: 4.496 min
Delta R.T.: 0.015 min
Response: 6467993
Conc: 5.17 ng/ml



#25 Chlordane-3

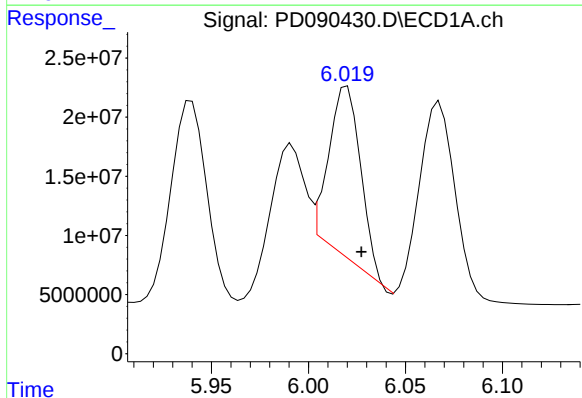
R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 215583685
Conc: 257.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



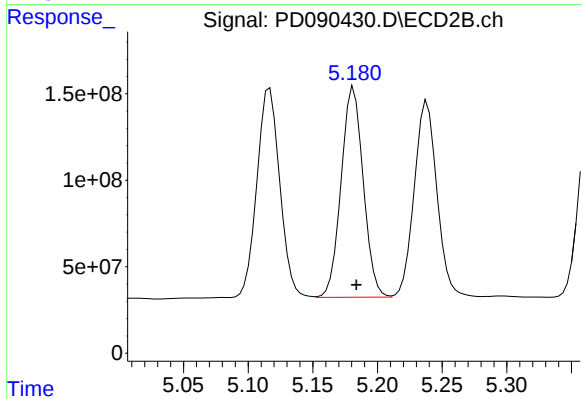
#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 1490724633
Conc: 393.27 ng/ml



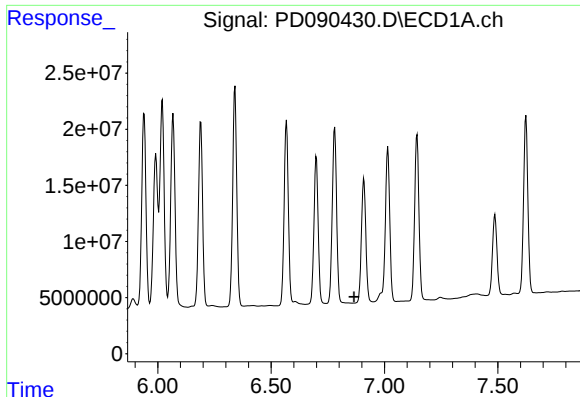
#26 Chlordane-4

R.T.: 6.020 min
Delta R.T.: -0.007 min
Response: 164300215
Conc: 160.99 ng/ml



#26 Chlordane-4

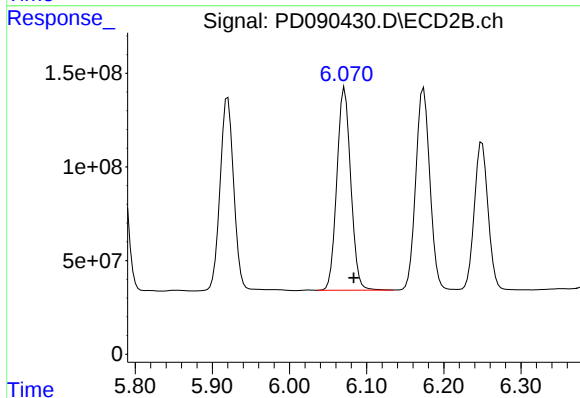
R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 1443579880
Conc: 443.35 ng/ml



#27 Chlordane-5

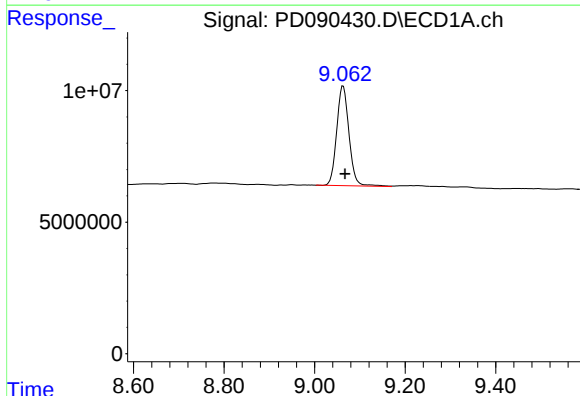
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



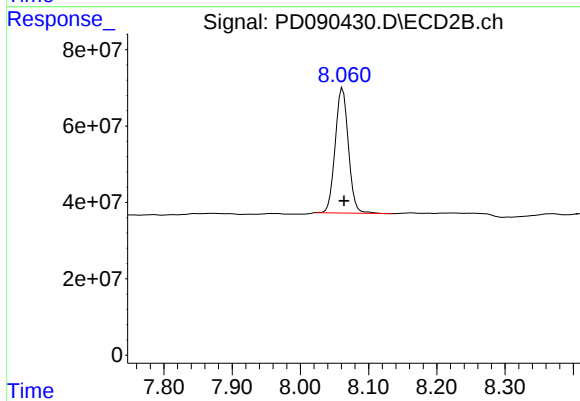
#27 Chlordane-5

R.T.: 6.072 min
Delta R.T.: -0.012 min
Response: 1354969501
Conc: 892.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.005 min
Response: 71487004
Conc: 14.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 439415485
Conc: 13.56 ng/ml