

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 15:28
 Operator : AR\AJ
 Sample : Q1832-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-02MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:44:38 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...	3.552	2.900	29763607	237.8E6	14.901	16.262
2)	SA Decachlor...	9.081	8.092	53722571	207.9E6	16.240	11.253 #
Target Compounds							
2)	A alpha-BHC	4.001	3.413f	180.7E6	913.7E6	41.906	39.969
3)	MA gamma-BHC...	4.332	3.749f	182.1E6	838.3E6	43.493	38.922
4)	MA Heptachlor	4.931	4.103f	165.5E6	824.8E6	40.984	38.544
5)	MB Aldrin	5.273	4.389f	156.4E6	806.3E6	39.602	38.758
6)	B beta-BHC	4.516	4.045f	52157318	417.2E6	32.129	45.086 #
7)	B delta-BHC	4.765	4.282f	187.1E6	839.4E6	45.346	39.481
8)	B Heptachlo...	5.693	4.893f	140.3E6	726.8E6	39.250	38.465
9)	A Endosulfan I	6.076	5.270f	159.2E6	651.5E6	47.139	36.170
10)	B gamma-Chl...	5.948	5.146f	150.4E6	886.5E6	41.522	43.677
11)	B alpha-Chl...	6.029	5.211f	158.6E6	849.4E6	43.936	43.330
12)	B 4,4'-DDE	6.198	5.396f	132.2E6	889.8E6	40.072	45.179
13)	MA Dieldrin	6.348	5.533f	137.9E6	811.4E6	38.657	40.709
14)	MA Endrin	6.576	5.810f	114.1E6	704.7E6	38.256	38.712
15)	B Endosulfa...	6.787	6.101f	122.7E6	636.2E6	39.256	36.311
16)	A 4,4'-DDD	6.705	5.951f	102.6E6	496.3E6	40.790	30.286 #
17)	MA 4,4'-DDT	7.022	6.204f	137.2E6	731.3E6	49.409	42.975
18)	B Endrin al...	6.916	6.279f	92975248	478.1E6	40.284	35.944
19)	B Endosulfa...	7.150	6.502f	107.1E6	561.6E6	37.235	32.778
20)	A Methoxychlor	7.494	6.775f	43967671	284.4E6	29.321	31.178
21)	B Endrin ke...	7.631	7.011f	113.1E6	499.8E6	36.658	26.721 #
22)	Mirex	8.115	7.206f	29758884	457.9E6	12.672	30.894 #
23)	Chlordane-1	4.717	3.923	3407714	89789401	20.510	111.999 #
24)	Chlordane-2	5.223f	4.476	2007072	6980972	12.052	8.459 #
25)	Chlordane-3	5.948	5.146	150.4E6	886.5E6	222.961	350.518 #
26)	Chlordane-4	6.029	5.211	158.6E6	849.4E6	194.510	397.254 #
27)	Chlordane-5	0.000	6.101	0	636.2E6	N.D.	658.942 #

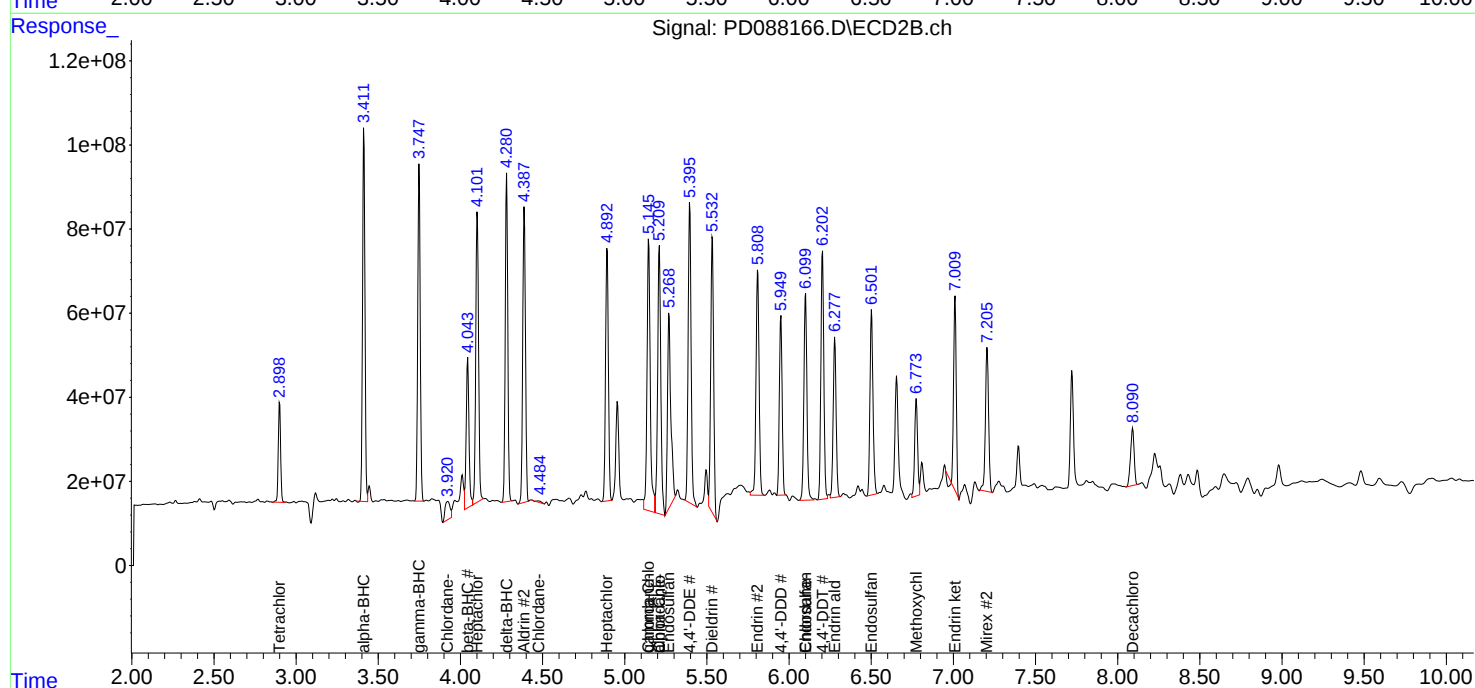
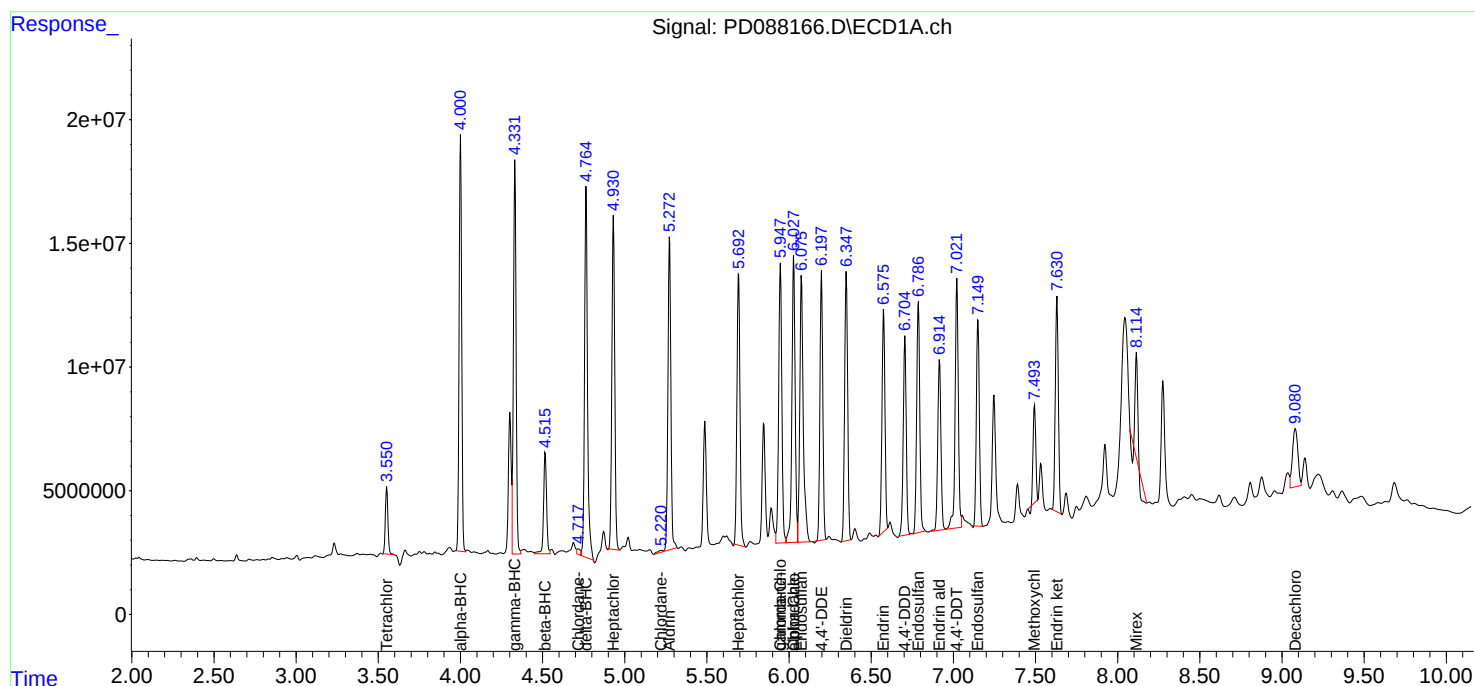
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

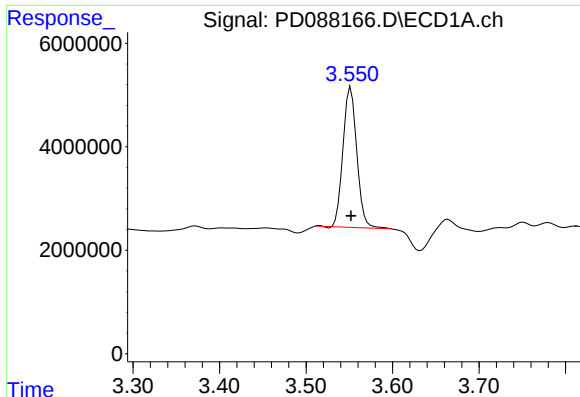
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088166.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 15:28
Operator : AR\AJ
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ALS Vial : 20 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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Quant Time: Apr 21 22:44:38 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

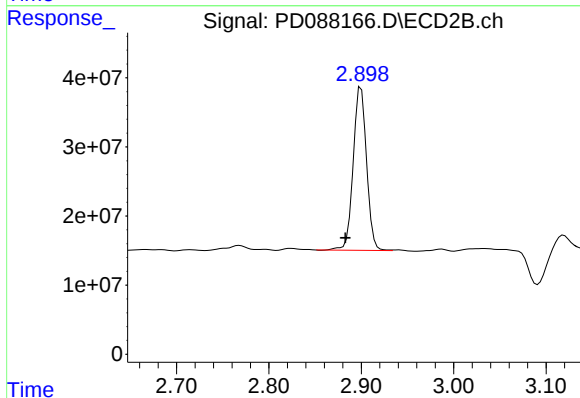




#1 Tetrachloro-m-xylene

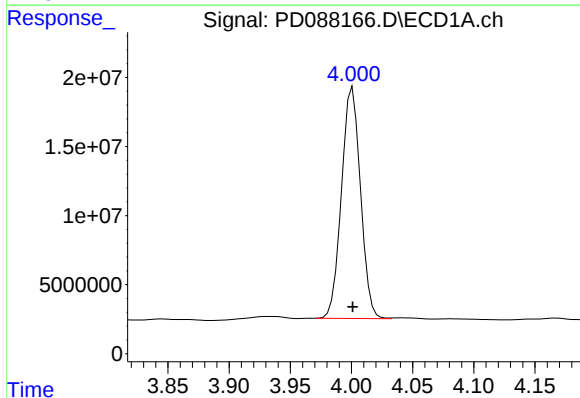
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 29763607
Conc: 14.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



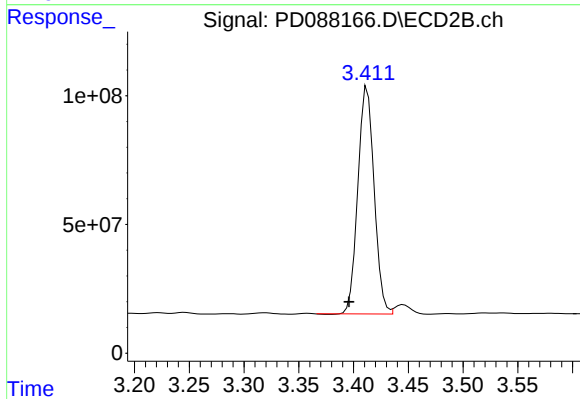
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.017 min
Response: 237775184
Conc: 16.26 ng/ml



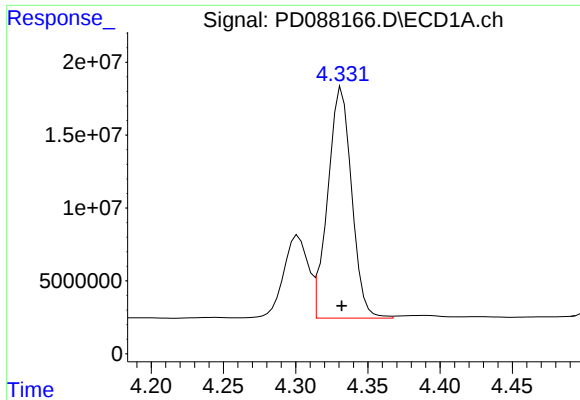
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 180697745
Conc: 41.91 ng/ml



#2 alpha-BHC

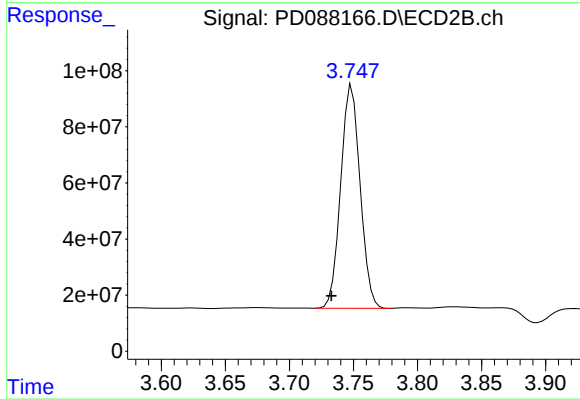
R.T.: 3.413 min
Delta R.T.: 0.016 min
Response: 913744503
Conc: 39.97 ng/ml



#3 gamma-BHC (Lindane)

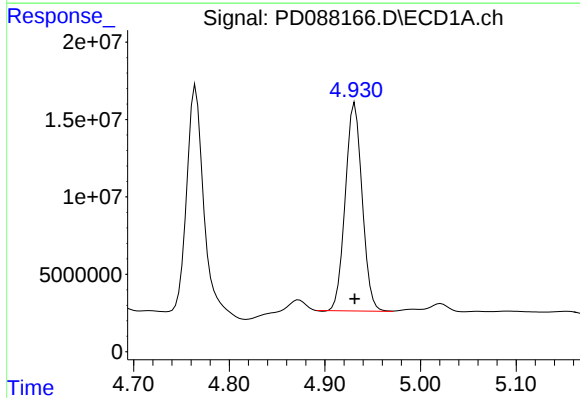
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 182129085
Conc: 43.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



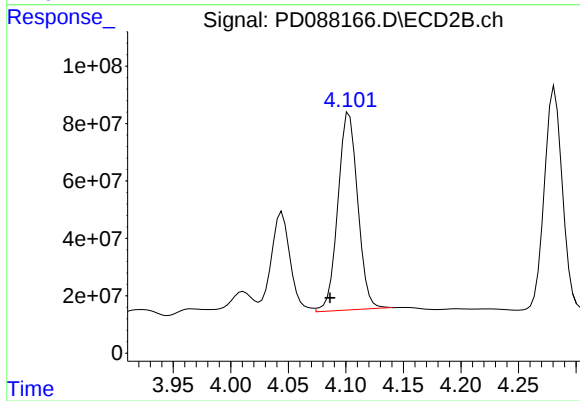
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.016 min
Response: 838322290
Conc: 38.92 ng/ml



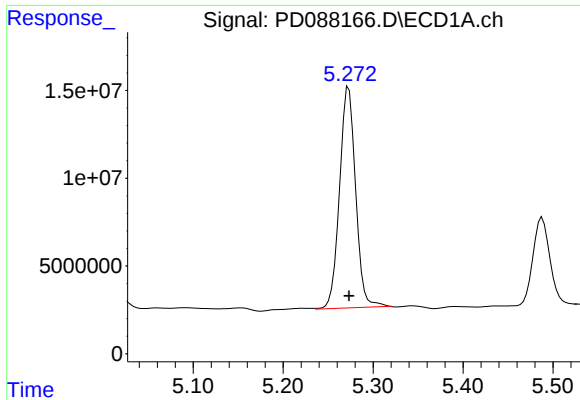
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 165533947
Conc: 40.98 ng/ml



#4 Heptachlor

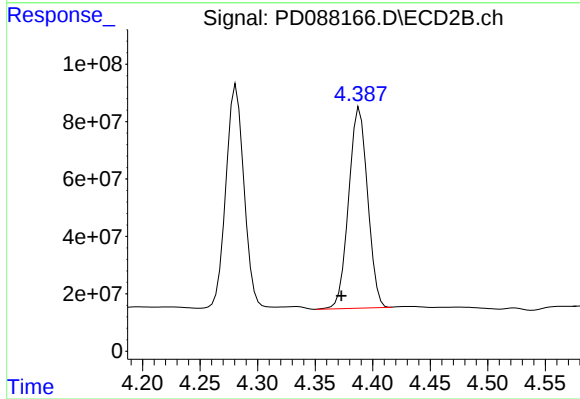
R.T.: 4.103 min
Delta R.T.: 0.016 min
Response: 824771782
Conc: 38.54 ng/ml



#5 Aldrin

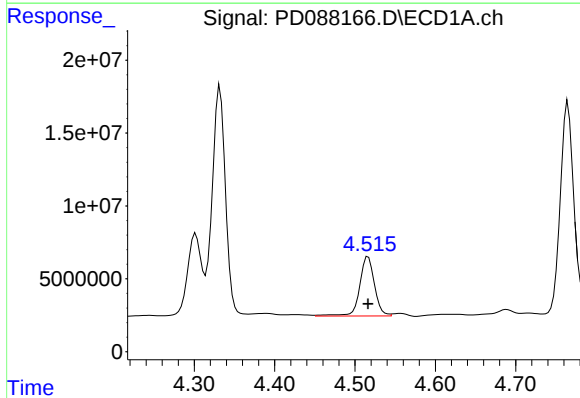
R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 156413023
Conc: 39.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



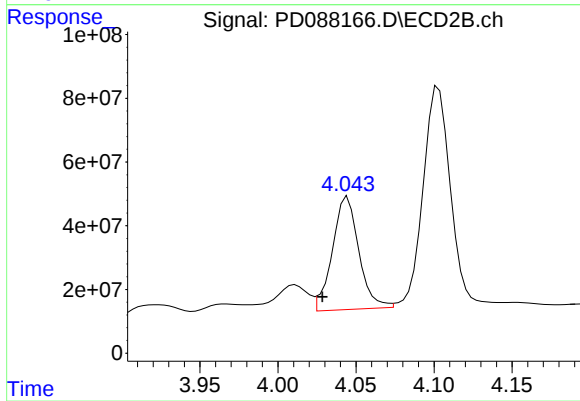
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: 0.016 min
Response: 806270424
Conc: 38.76 ng/ml



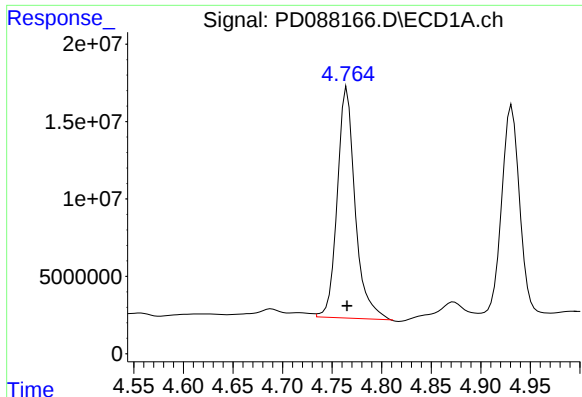
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 52157318
Conc: 32.13 ng/ml



#6 beta-BHC

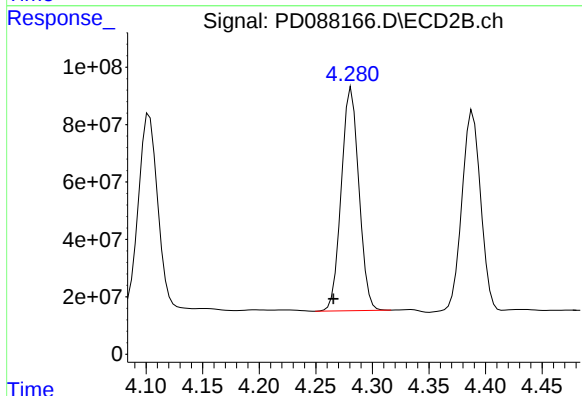
R.T.: 4.045 min
Delta R.T.: 0.016 min
Response: 417232086
Conc: 45.09 ng/ml



#7 delta-BHC

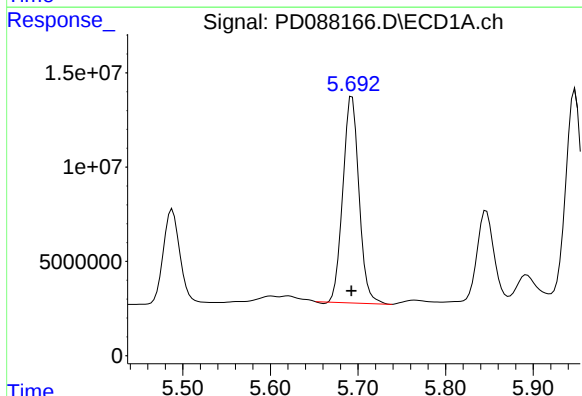
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 187050495
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



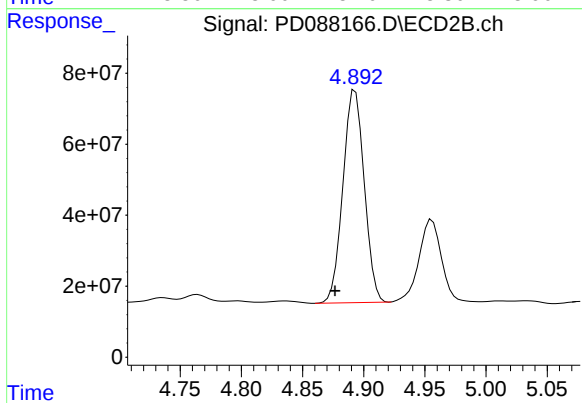
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.016 min
Response: 839432616
Conc: 39.48 ng/ml



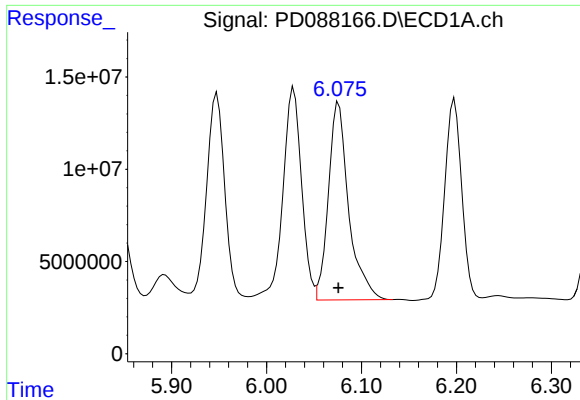
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 140279054
Conc: 39.25 ng/ml



#8 Heptachlor epoxide

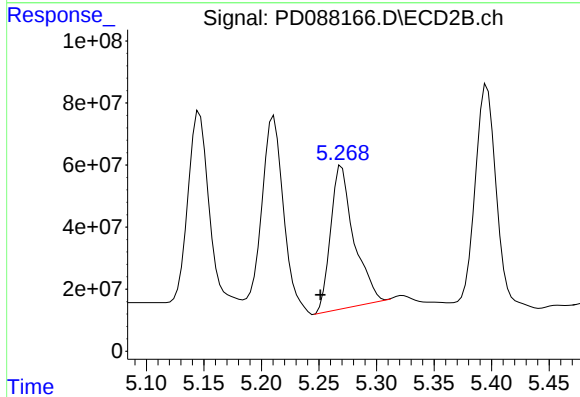
R.T.: 4.893 min
Delta R.T.: 0.016 min
Response: 726770757
Conc: 38.47 ng/ml



#9 Endosulfan I

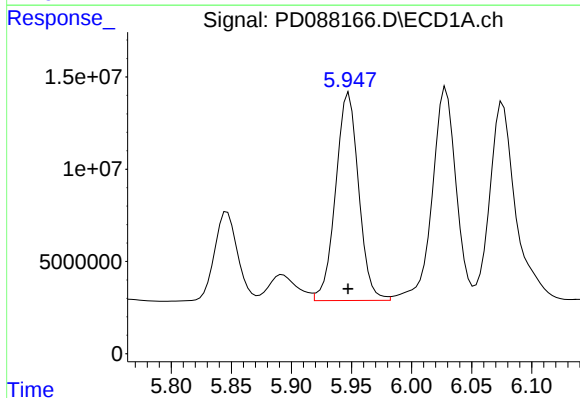
R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 159196888
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



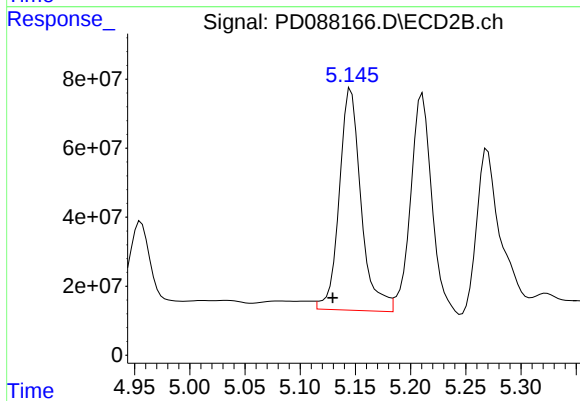
#9 Endosulfan I

R.T.: 5.270 min
Delta R.T.: 0.019 min
Response: 651516105
Conc: 36.17 ng/ml



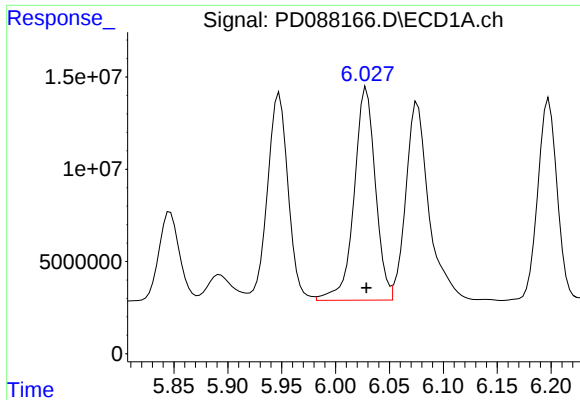
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 150393957
Conc: 41.52 ng/ml



#10 gamma-Chlordane

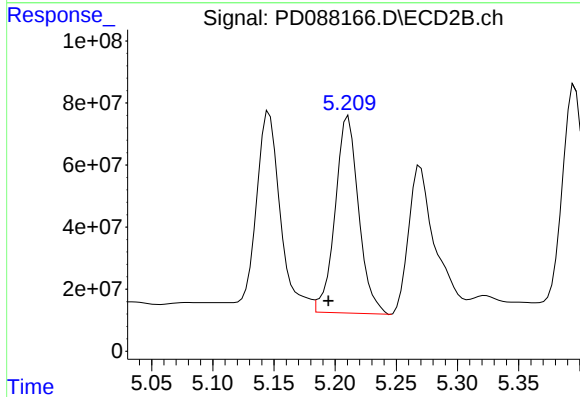
R.T.: 5.146 min
Delta R.T.: 0.016 min
Response: 886475317
Conc: 43.68 ng/ml



#11 alpha-Chlordane

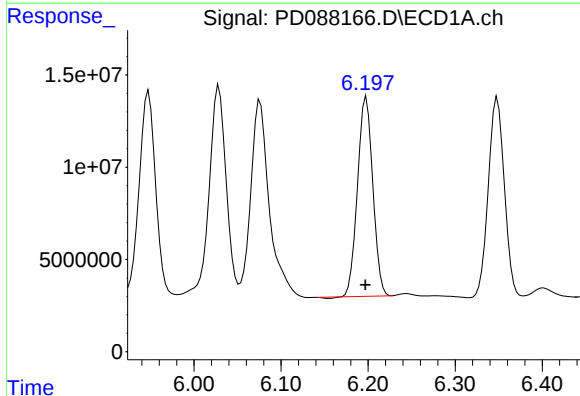
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 158589049
Conc: 43.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



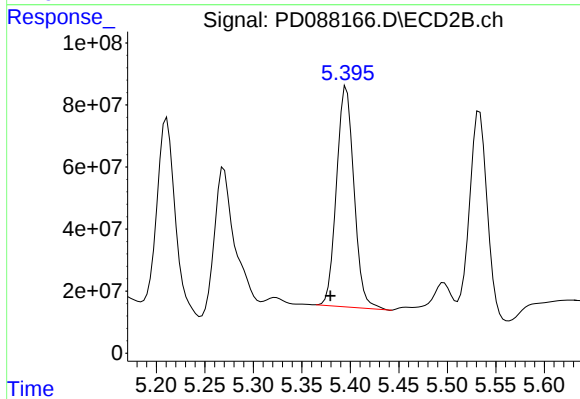
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.016 min
Response: 849389864
Conc: 43.33 ng/ml



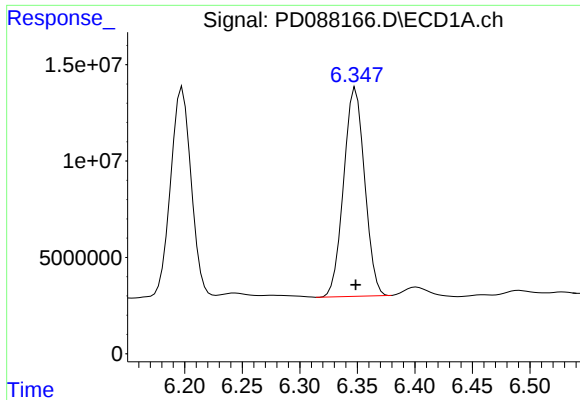
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 132166707
Conc: 40.07 ng/ml



#12 4,4'-DDE

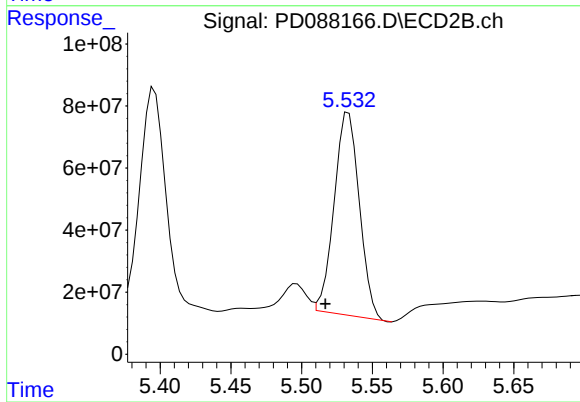
R.T.: 5.396 min
Delta R.T.: 0.016 min
Response: 889761699
Conc: 45.18 ng/ml



#13 Dieldrin

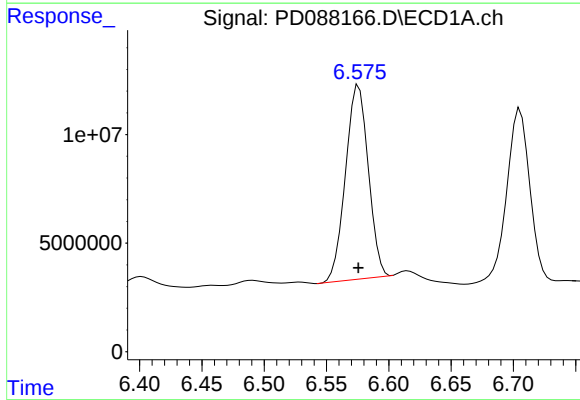
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 137947743
Conc: 38.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



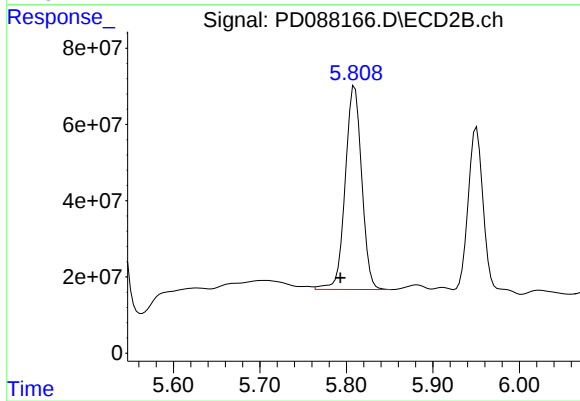
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.016 min
Response: 811443664
Conc: 40.71 ng/ml



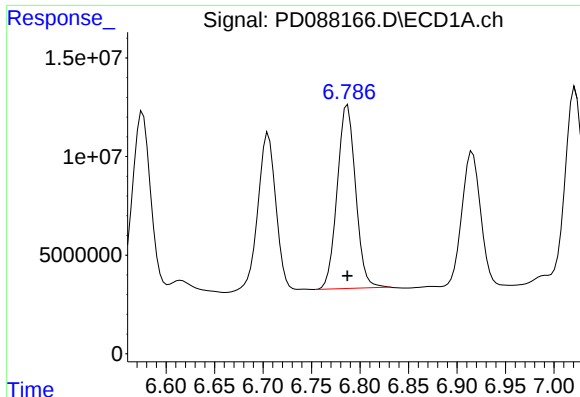
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 114100254
Conc: 38.26 ng/ml



#14 Endrin

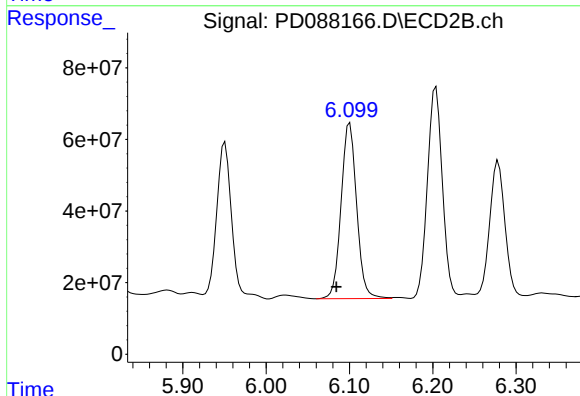
R.T.: 5.810 min
Delta R.T.: 0.017 min
Response: 704650248
Conc: 38.71 ng/ml



#15 Endosulfan II

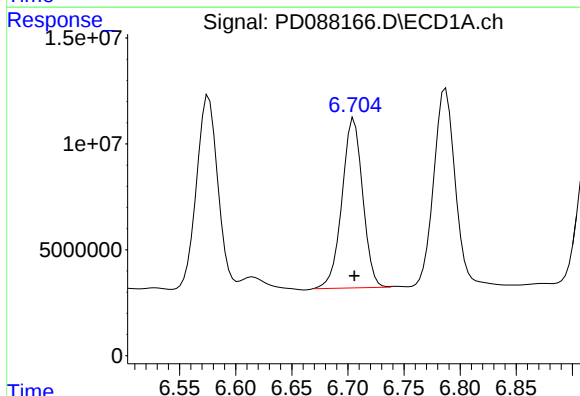
R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 122723975
Conc: 39.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



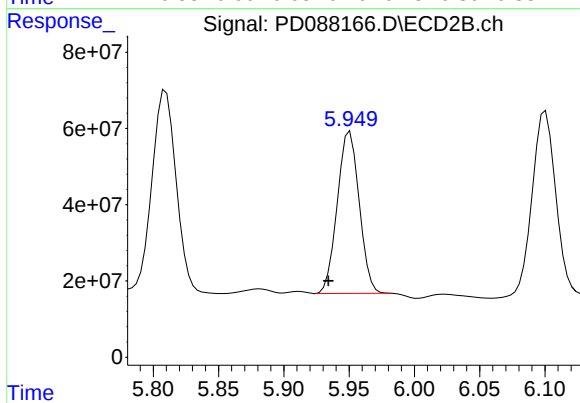
#15 Endosulfan II

R.T.: 6.101 min
Delta R.T.: 0.016 min
Response: 636224943
Conc: 36.31 ng/ml



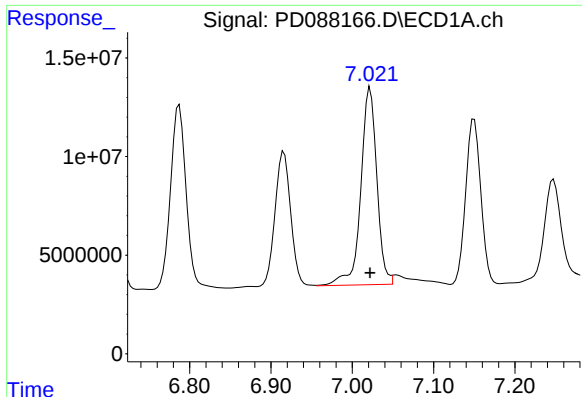
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 102584131
Conc: 40.79 ng/ml



#16 4,4'-DDD

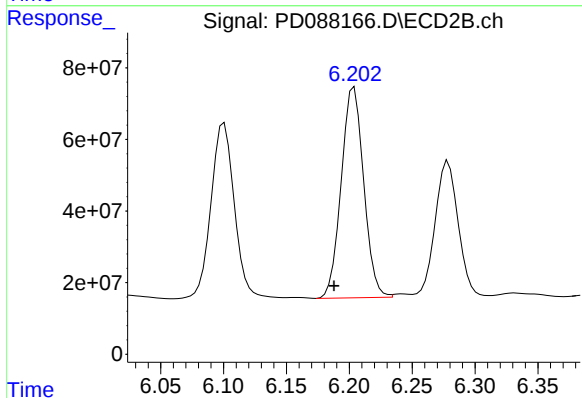
R.T.: 5.951 min
Delta R.T.: 0.017 min
Response: 496269834
Conc: 30.29 ng/ml



#17 4,4'-DDT

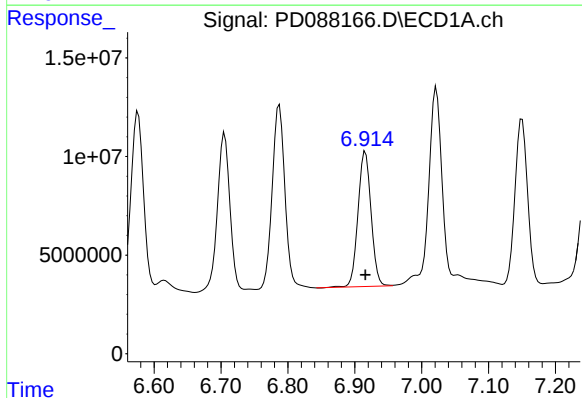
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 137236452
Conc: 49.41 ng/ml

Instrument :
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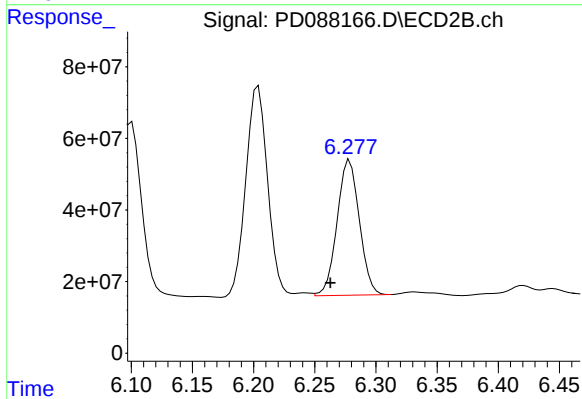
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: 0.016 min
Response: 731279160
Conc: 42.97 ng/ml



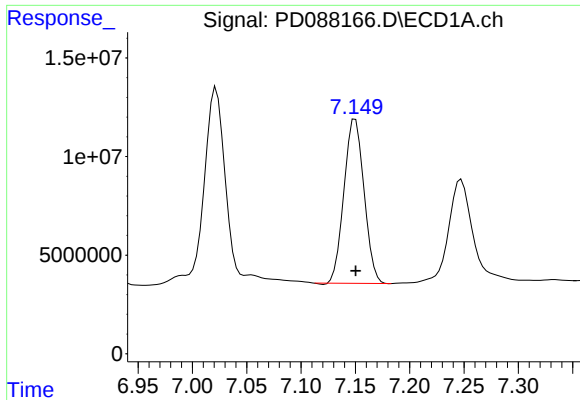
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 92975248
Conc: 40.28 ng/ml



#18 Endrin aldehyde

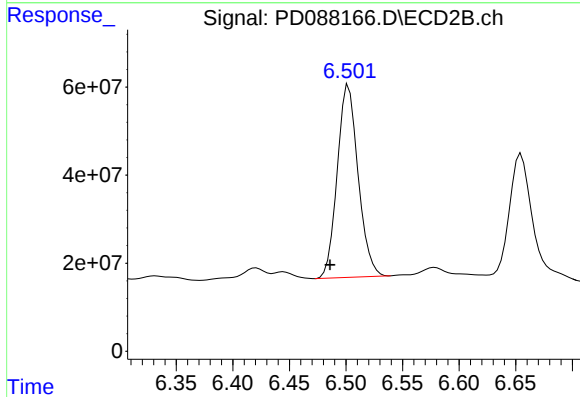
R.T.: 6.279 min
Delta R.T.: 0.016 min
Response: 478090244
Conc: 35.94 ng/ml



#19 Endosulfan Sulfate

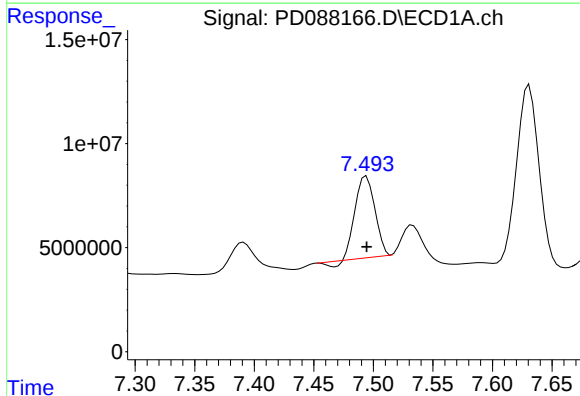
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 107081834
Conc: 37.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



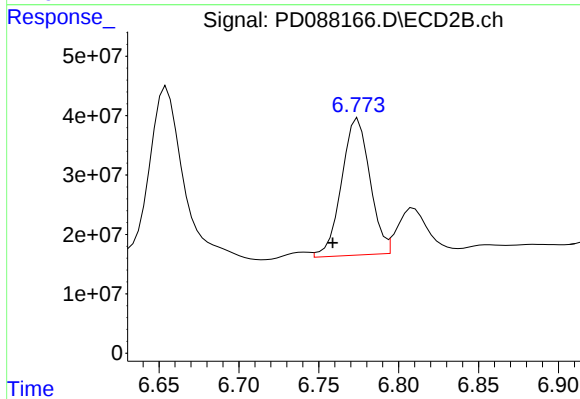
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.016 min
Response: 561587158
Conc: 32.78 ng/ml



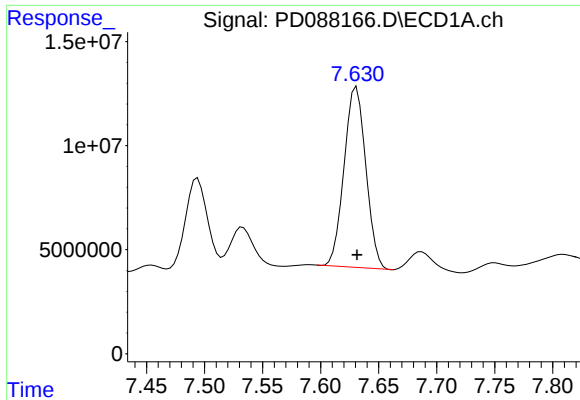
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 43967671
Conc: 29.32 ng/ml



#20 Methoxychlor

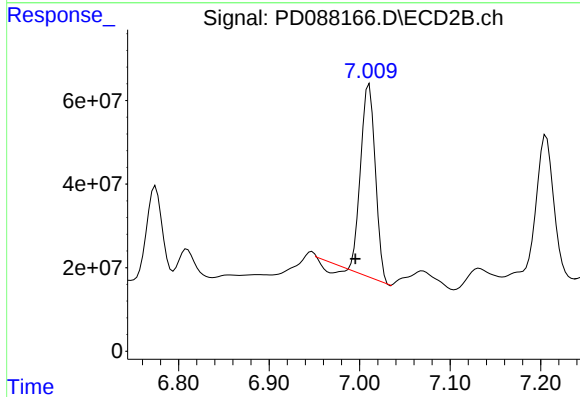
R.T.: 6.775 min
Delta R.T.: 0.016 min
Response: 284377774
Conc: 31.18 ng/ml



#21 Endrin ketone

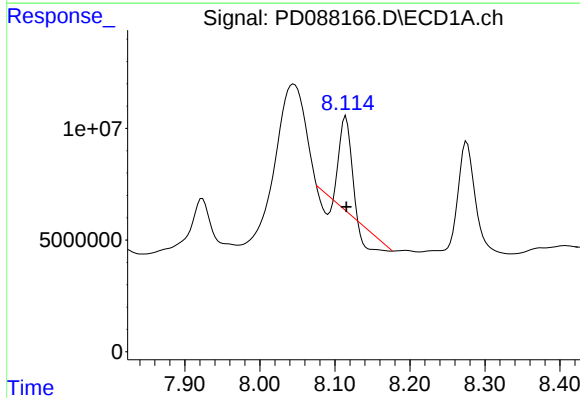
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 113149283
Conc: 36.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



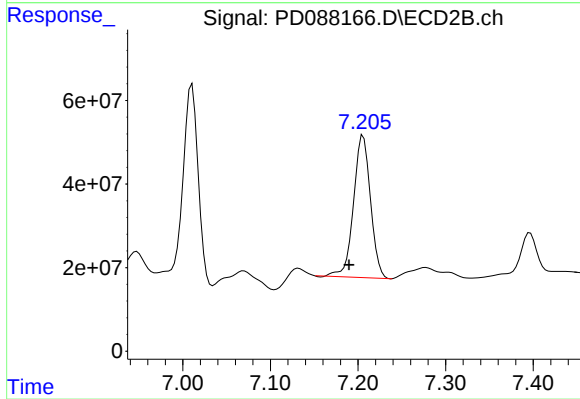
#21 Endrin ketone

R.T.: 7.011 min
Delta R.T.: 0.015 min
Response: 499792617
Conc: 26.72 ng/ml



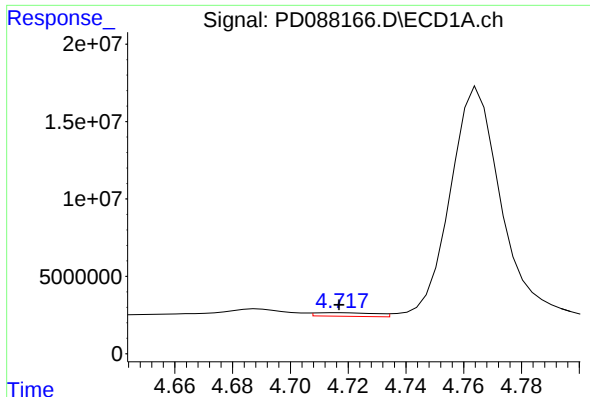
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 29758884
Conc: 12.67 ng/ml



#22 Mirex

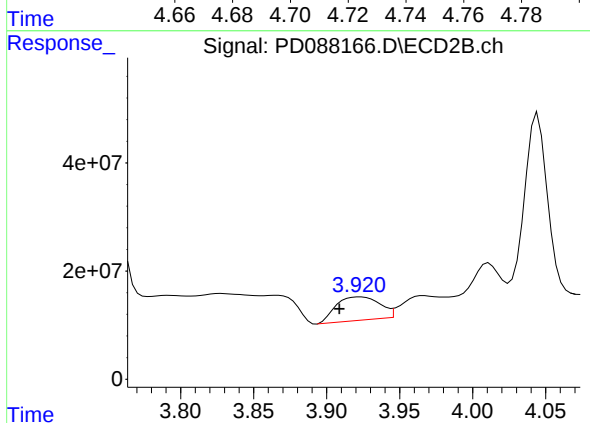
R.T.: 7.206 min
Delta R.T.: 0.016 min
Response: 457879617
Conc: 30.89 ng/ml



#23 Chlordane-1

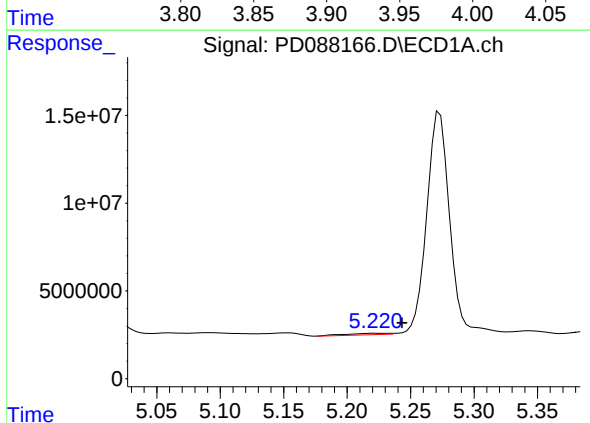
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 3407714
Conc: 20.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



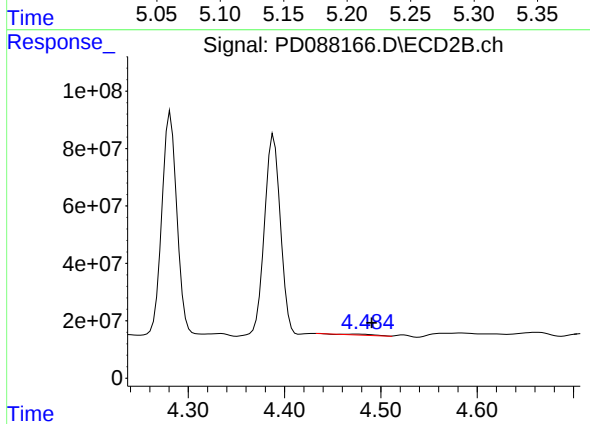
#23 Chlordane-1

R.T.: 3.923 min
Delta R.T.: 0.014 min
Response: 89789401
Conc: 112.00 ng/ml



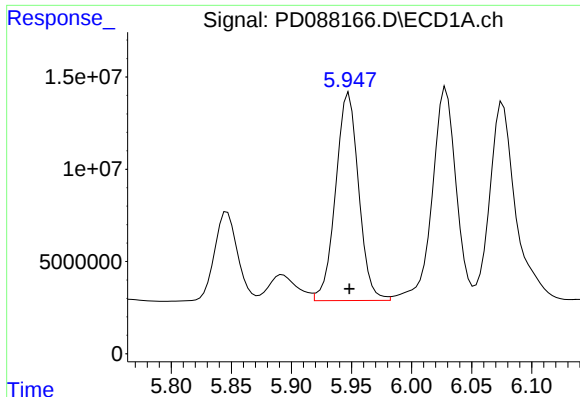
#24 Chlordane-2

R.T.: 5.223 min
Delta R.T.: -0.020 min
Response: 2007072
Conc: 12.05 ng/ml



#24 Chlordane-2

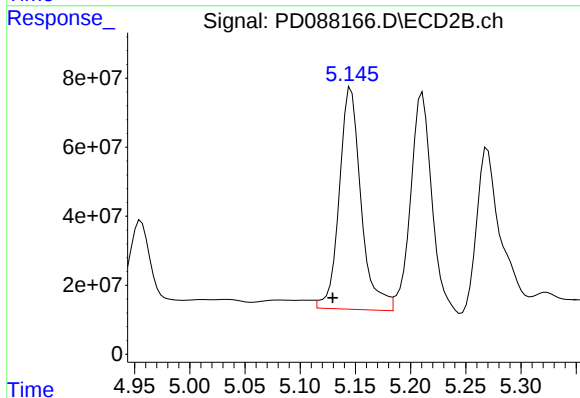
R.T.: 4.476 min
Delta R.T.: -0.015 min
Response: 6980972
Conc: 8.46 ng/ml



#25 Chlordane-3

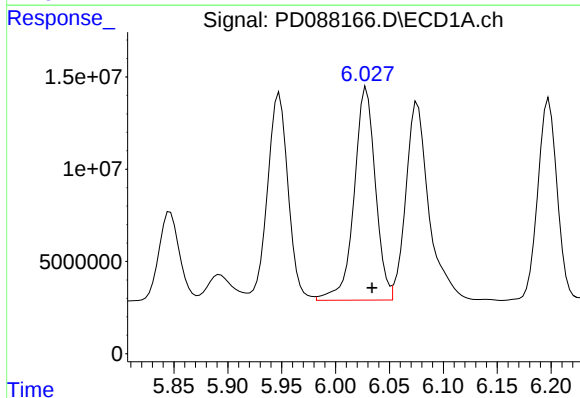
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 150393957
Conc: 222.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



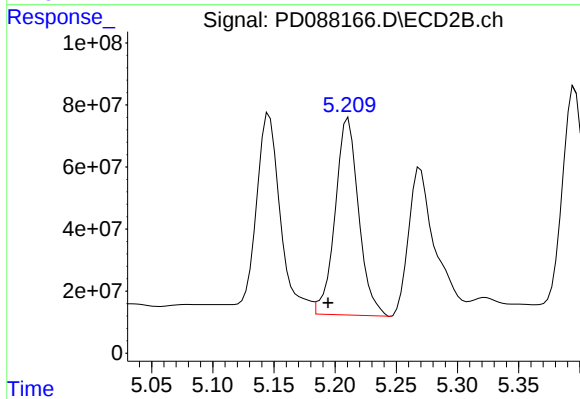
#25 Chlordane-3

R.T.: 5.146 min
Delta R.T.: 0.016 min
Response: 886475317
Conc: 350.52 ng/ml



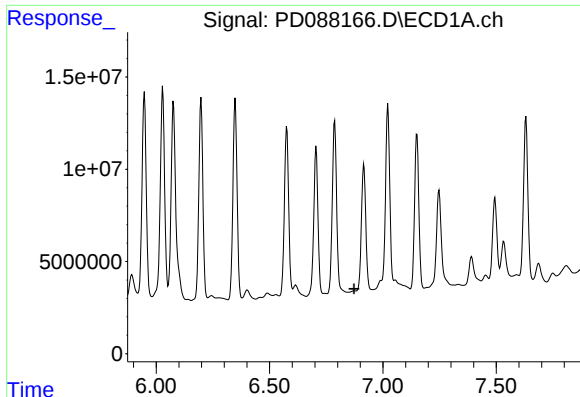
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 158589049
Conc: 194.51 ng/ml



#26 Chlordane-4

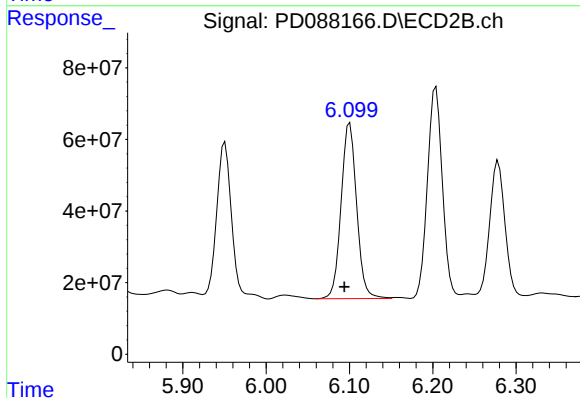
R.T.: 5.211 min
Delta R.T.: 0.017 min
Response: 849389864
Conc: 397.25 ng/ml



#27 Chlordane-5

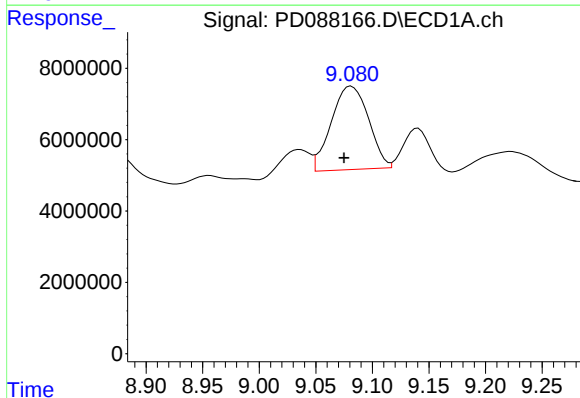
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MSD



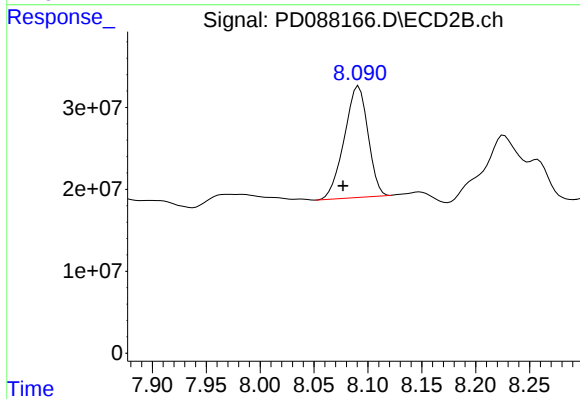
#27 Chlordane-5

R.T.: 6.101 min
Delta R.T.: 0.007 min
Response: 636224943
Conc: 658.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.006 min
Response: 53722571
Conc: 16.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.092 min
Delta R.T.: 0.015 min
Response: 207942976
Conc: 11.25 ng/ml