

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 12:25
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/20/2025
 Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 12:51:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 12:41:43 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	2.882	11569731	87743326	5.347	5.800
28) SA Decachlor...	9.077	8.076	19763753	110.7E6	5.775	6.062
Target Compounds						
2) A alpha-BHC	4.000	3.394	21526558	133.6E6	4.507	5.590
3) MA gamma-BHC...	4.331	3.731	21657318	125.1E6	4.705	5.645
4) MA Heptachlor	4.930	4.084	22201889	130.3E6	4.940m	5.801
5) MB Aldrin	5.273	4.370	21861853	125.7E6	4.975	5.734
6) B beta-BHC	4.516	4.027	9793458	58294427	5.431	5.984
7) B delta-BHC	4.764	4.264	20011375	126.5E6	4.735	5.674
8) B Heptachlo...	5.691	4.874	20863576	117.3E6	5.267m	5.903
9) A Endosulfan I	6.076	5.249	19604836	111.8E6	5.210	5.892
10) B gamma-Chl...	5.948	5.128	20203660	123.9E6	5.065	5.808
11) B alpha-Chl...	6.029	5.192	20755365	120.4E6	5.181	5.840
12) B 4,4'-DDE	6.198	5.378	17503651	121.5E6	4.877	5.812
13) MA Dieldrin	6.349	5.515	19976132	122.7E6	4.979	5.830
14) MA Endrin	6.577	5.792	17082110	114.2E6	5.002	5.923
15) B Endosulfa...	6.788	6.083	18646050	108.1E6	5.415	5.903
16) A 4,4'-DDD	6.707	5.932	13611843	100.6E6	4.887	5.786
17) MA 4,4'-DDT	7.023	6.186	15258865	97907648	4.887	5.398
18) B Endrin al...	6.917	6.261	14132008	84167396	5.489	6.043
19) B Endosulfa...	7.152	6.485	17063513	105.5E6	5.327	5.940
20) A Methoxychlor	7.496	6.758	9112300	55786563	5.455	5.826
21) B Endrin ke...	7.633	6.995	17773939	114.1E6	5.192	5.898
22) Mirex	8.117	7.189	15159249	92799571	5.834	6.104

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 12:25
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

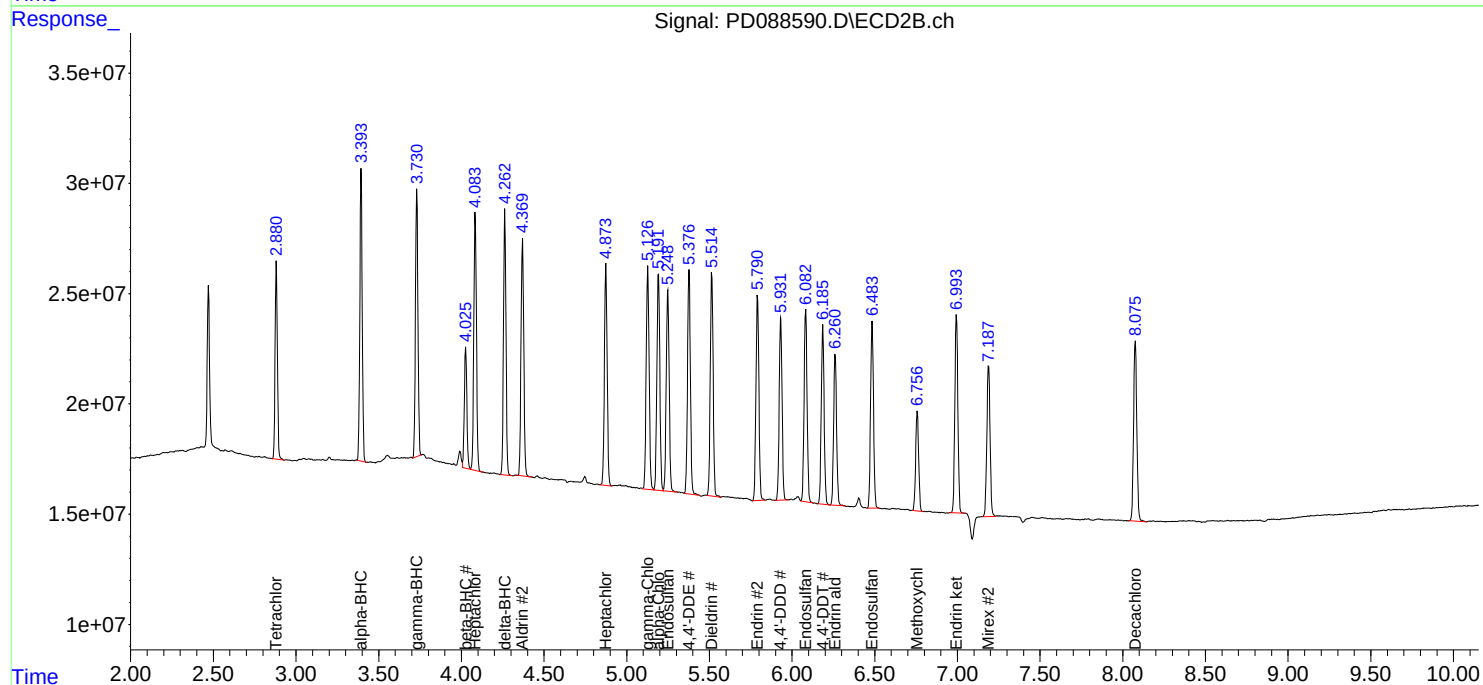
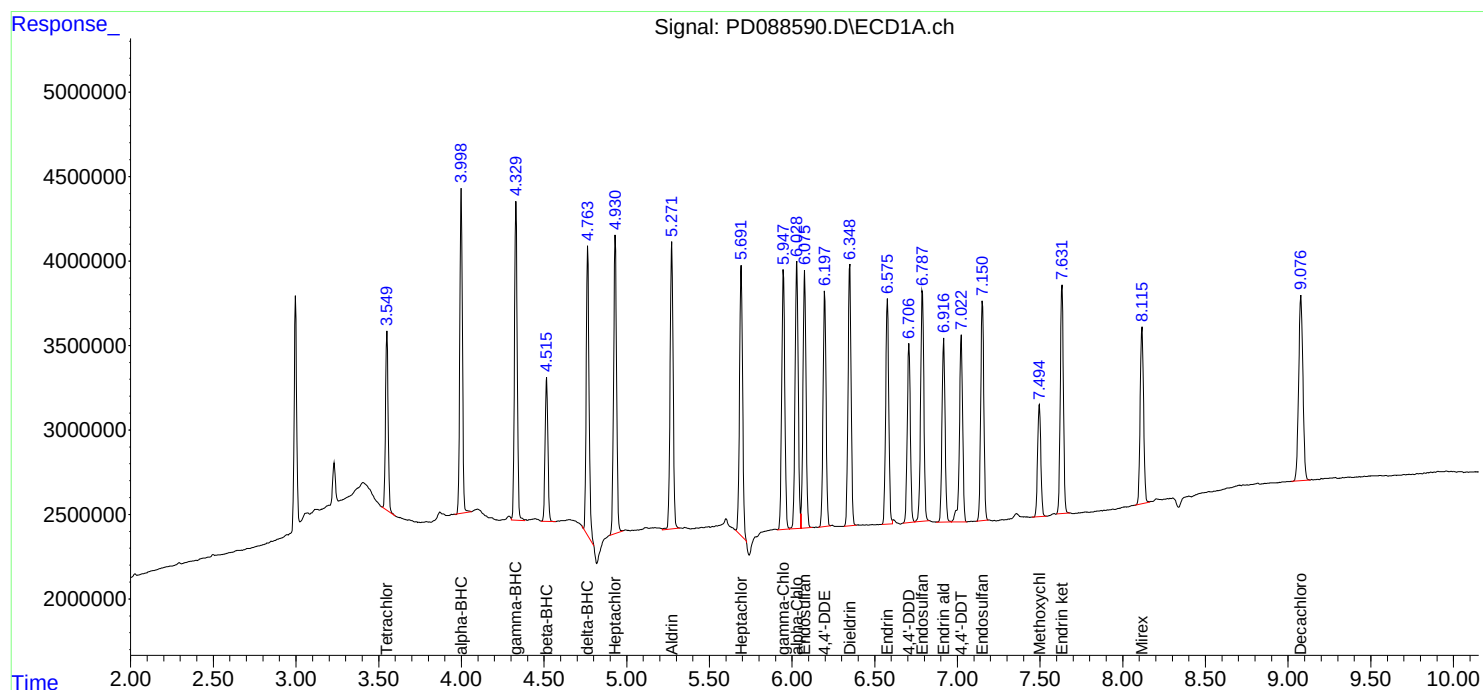
APPROVED

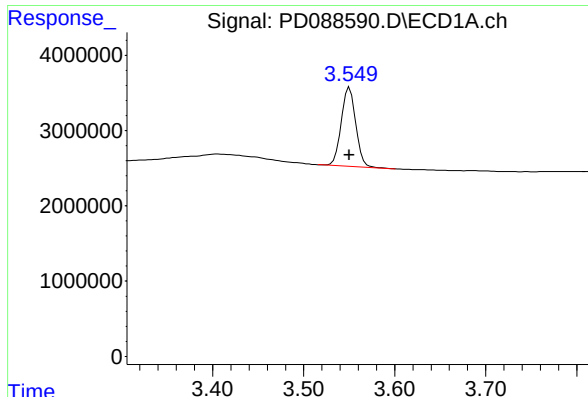
Reviewed By :Abdul Mirza 05/20/2025

Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 12:51:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 12:41:43 2025
Response via : Initial Calibration
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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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





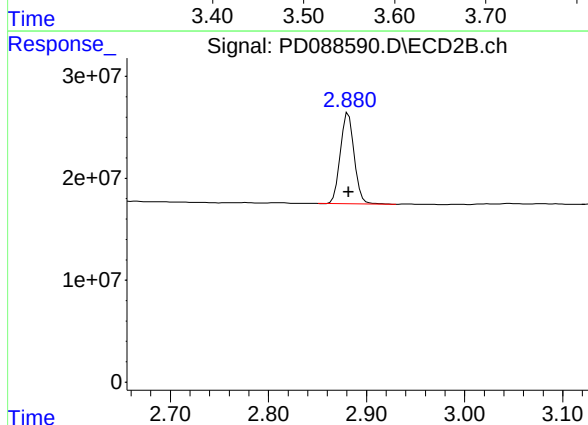
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 11569731
Conc: 5.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

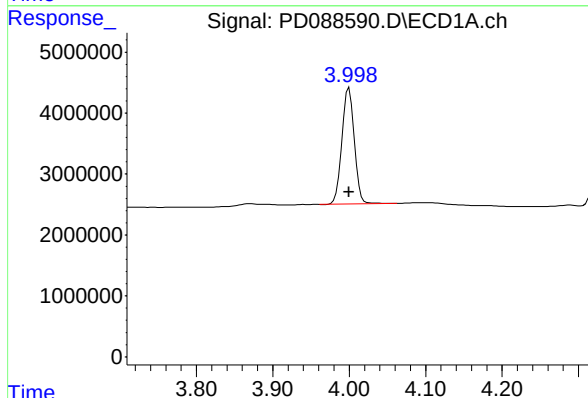
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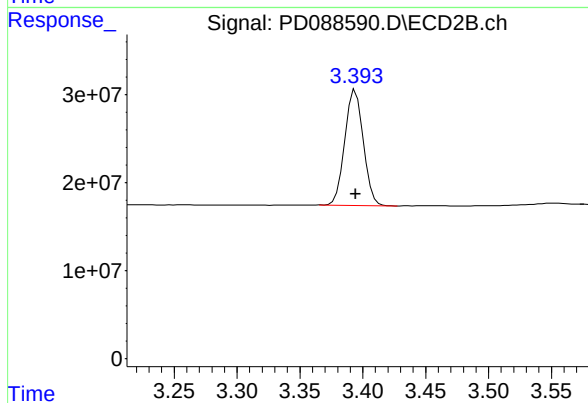
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 87743326
Conc: 5.80 ng/ml



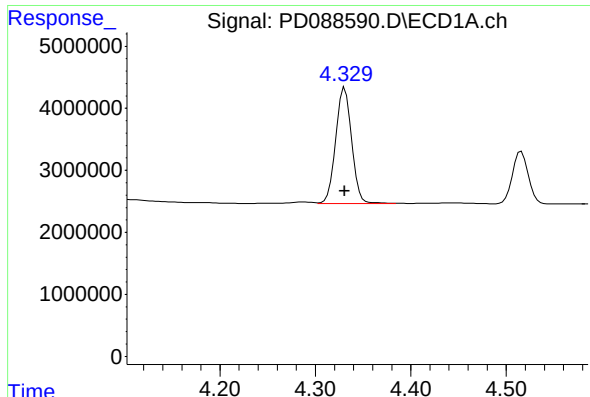
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 21526558
Conc: 4.51 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 133631486
Conc: 5.59 ng/ml



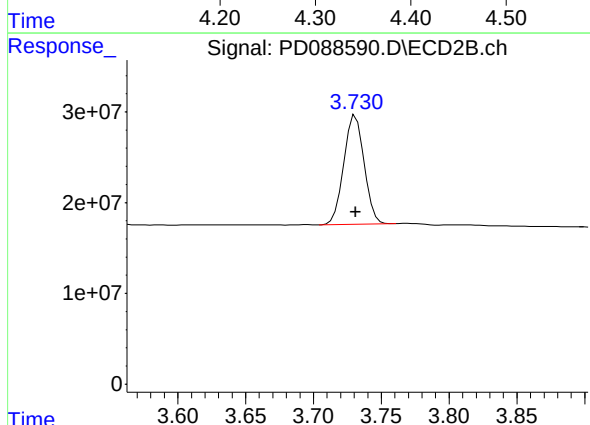
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 21657318
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

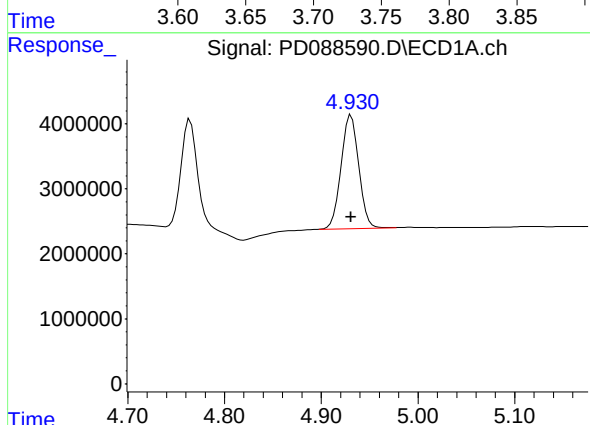
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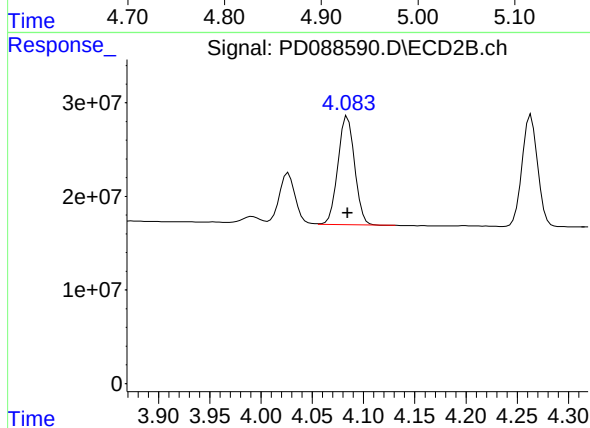
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 125133932
Conc: 5.65 ng/ml



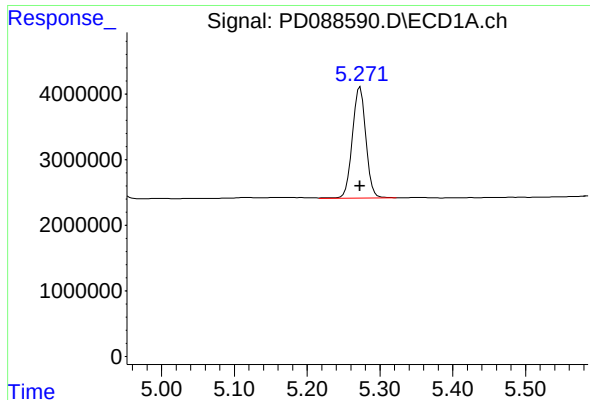
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 22201889
Conc: 4.94 ng/ml m



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 130254372
Conc: 5.80 ng/ml



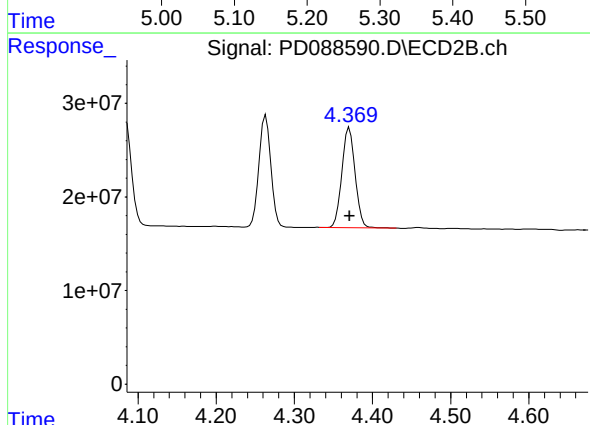
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 21861853
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

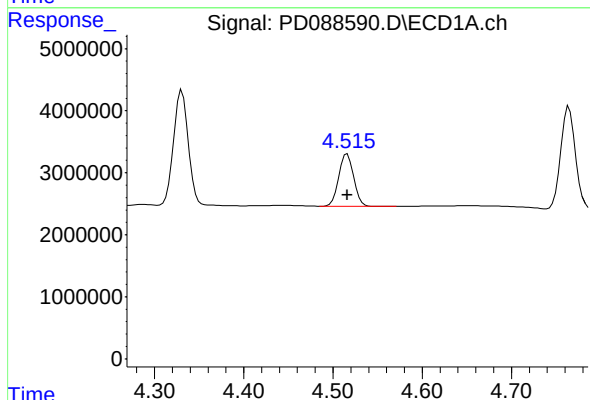
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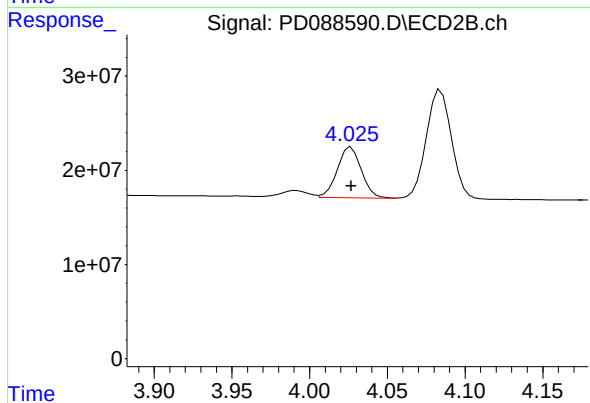
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 125739574
Conc: 5.73 ng/ml



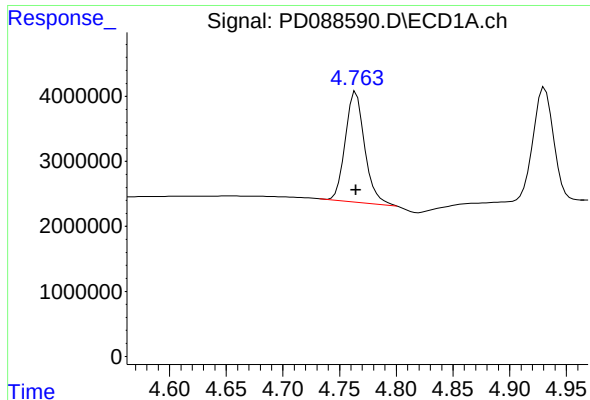
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 9793458
Conc: 5.43 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 58294427
Conc: 5.98 ng/ml



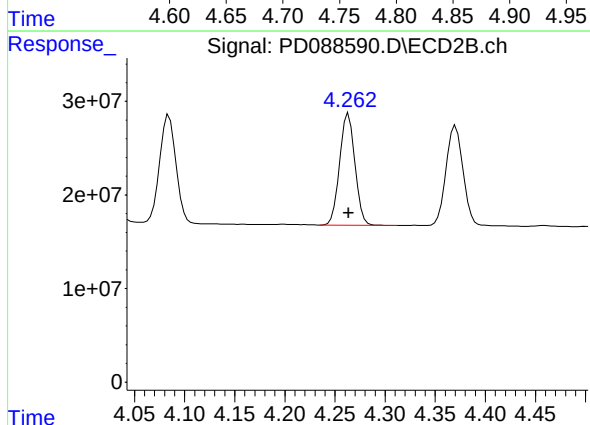
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 20011375
Conc: 4.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

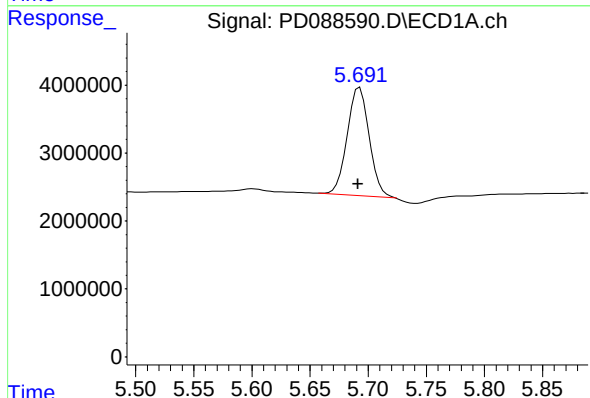
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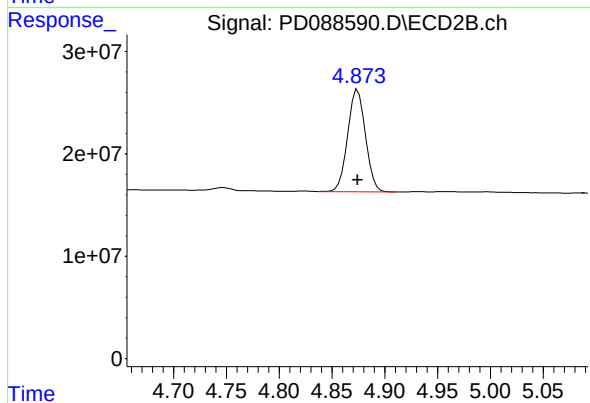
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 126492727
Conc: 5.67 ng/ml



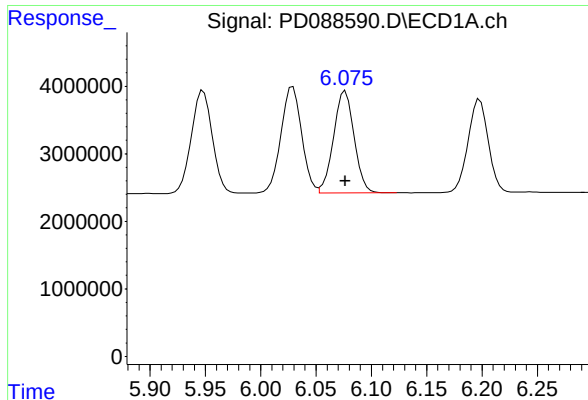
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 20863576
Conc: 5.27 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 117295268
Conc: 5.90 ng/ml



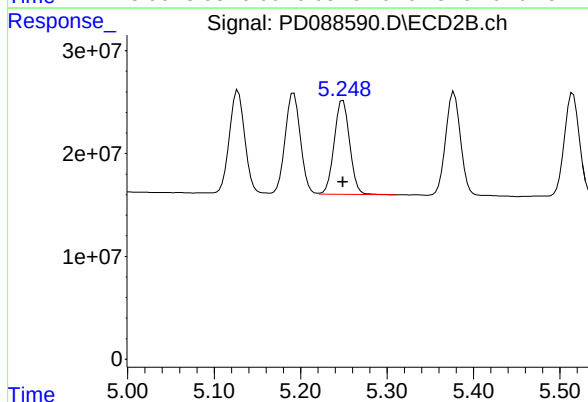
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 19604836
Conc: 5.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

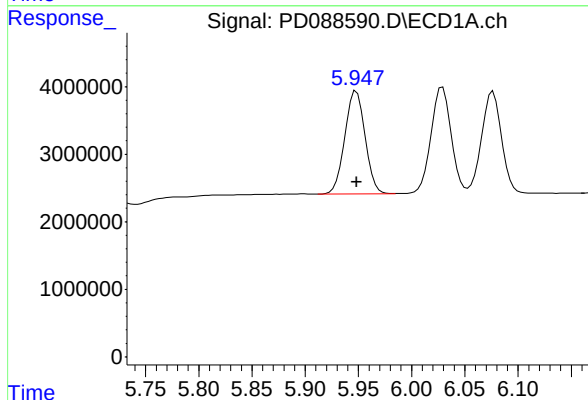
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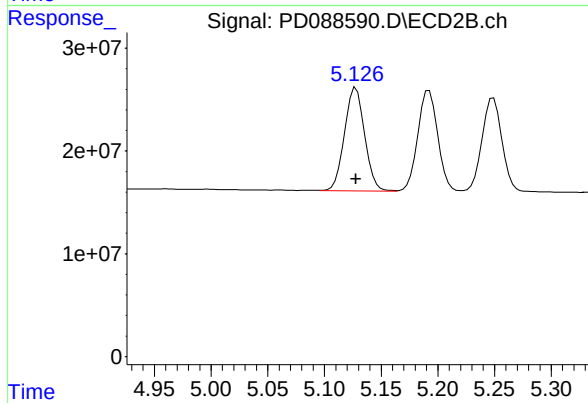
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 111827302
Conc: 5.89 ng/ml



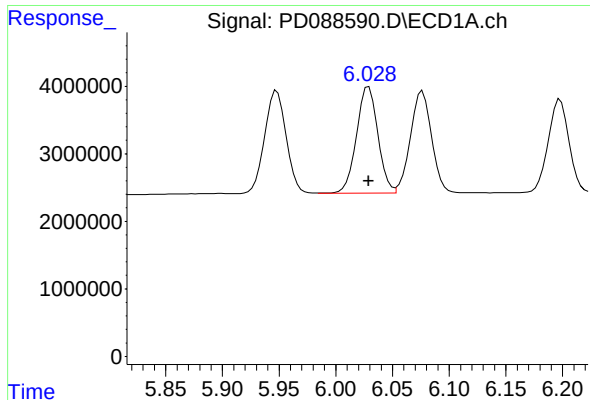
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 20203660
Conc: 5.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 123892575
Conc: 5.81 ng/ml



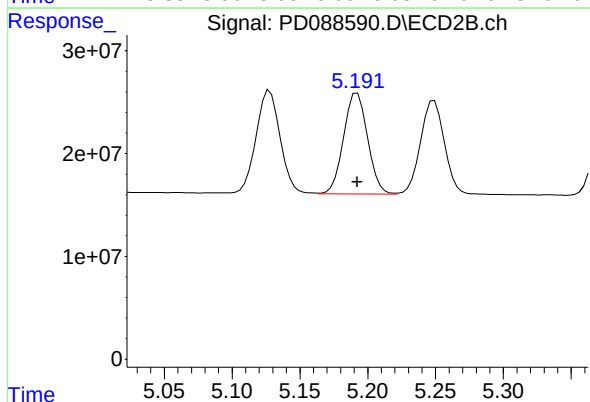
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 20755365
Conc: 5.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

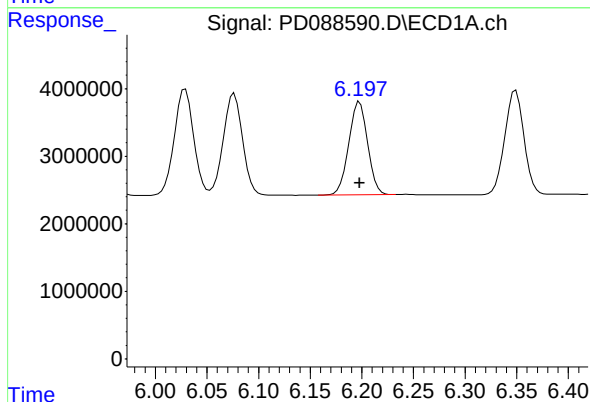
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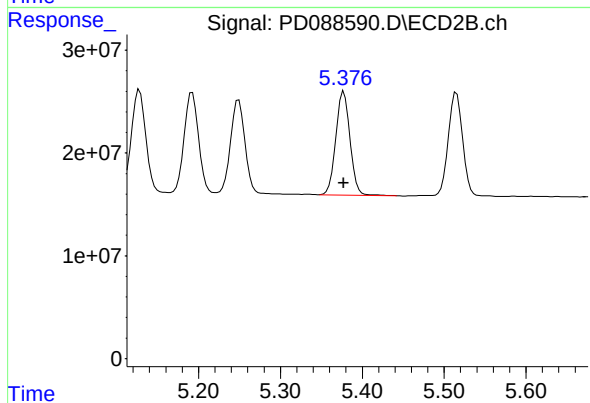
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 120444919
Conc: 5.84 ng/ml



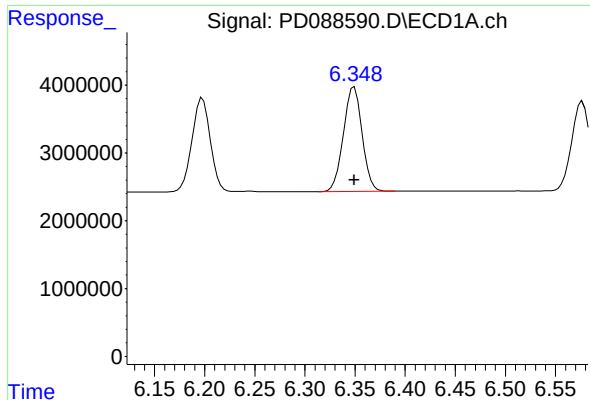
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 17503651
Conc: 4.88 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 121489802
Conc: 5.81 ng/ml



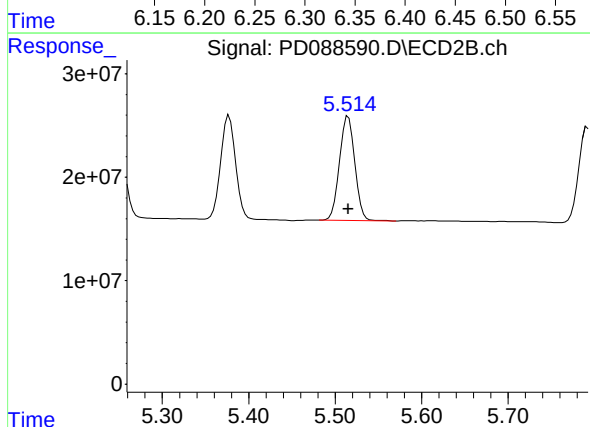
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 19976132
Conc: 4.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

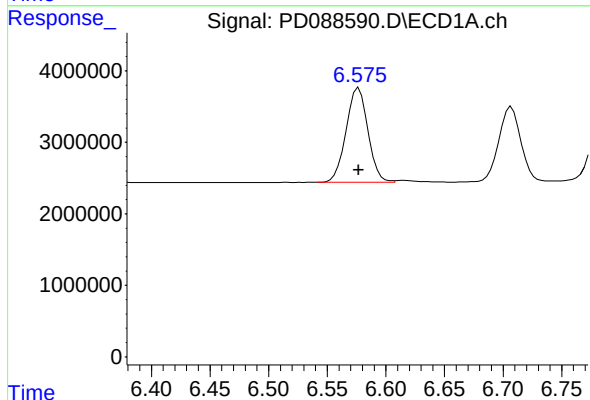
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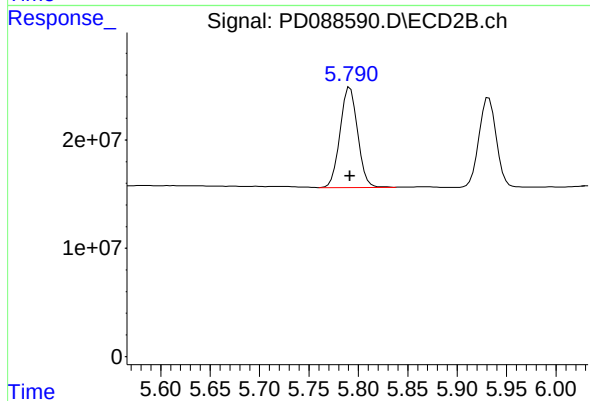
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 122680748
Conc: 5.83 ng/ml



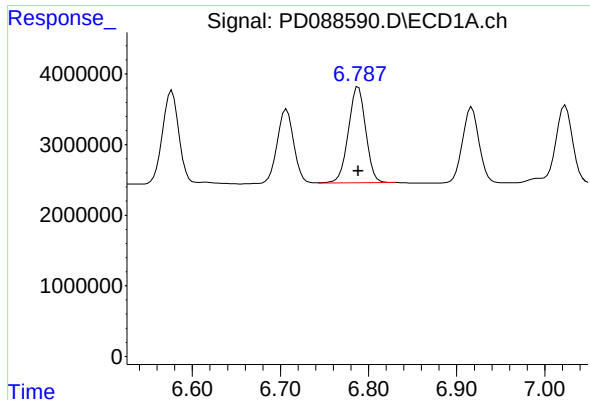
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 17082110
Conc: 5.00 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 114212828
Conc: 5.92 ng/ml



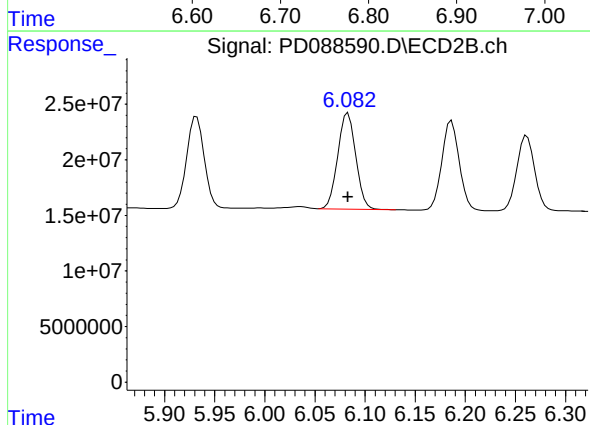
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 18646050
Conc: 5.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

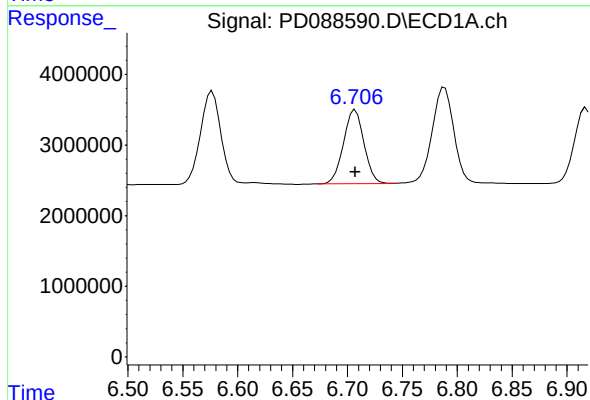
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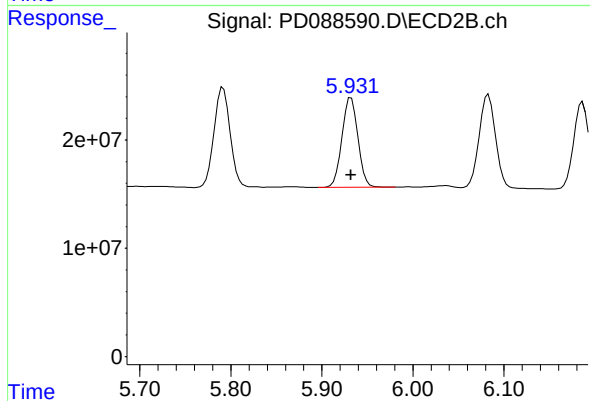
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 108145535
Conc: 5.90 ng/ml



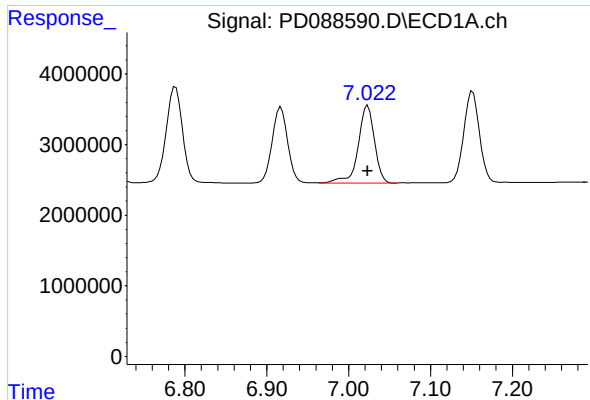
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 13611843
Conc: 4.89 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 100635659
Conc: 5.79 ng/ml



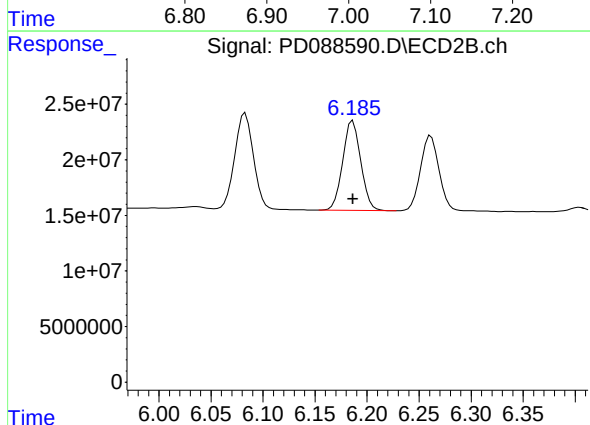
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 15258865
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

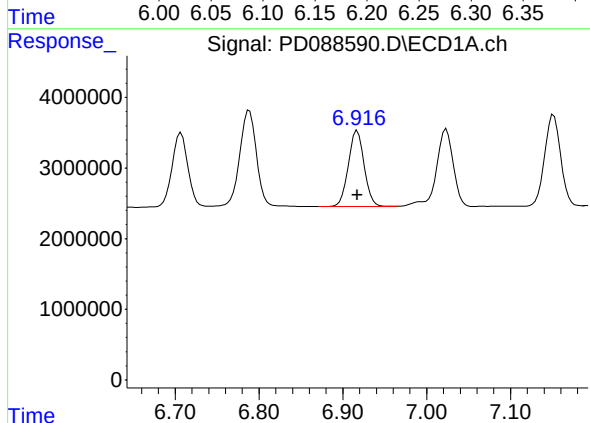
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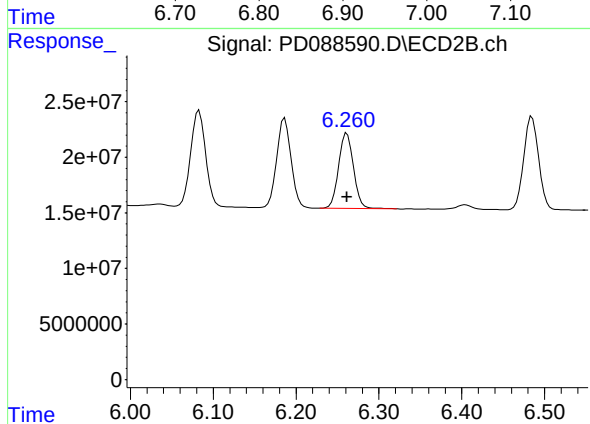
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 97907648
Conc: 5.40 ng/ml



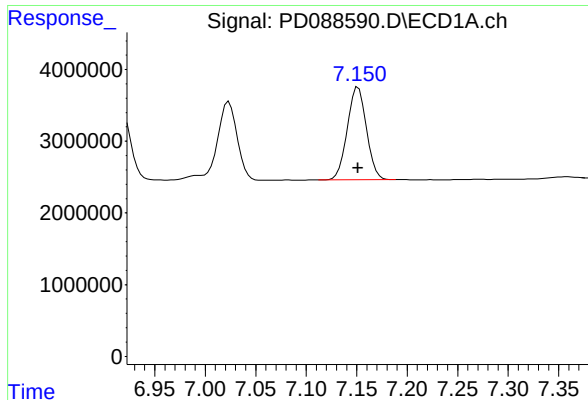
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 14132008
Conc: 5.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 84167396
Conc: 6.04 ng/ml



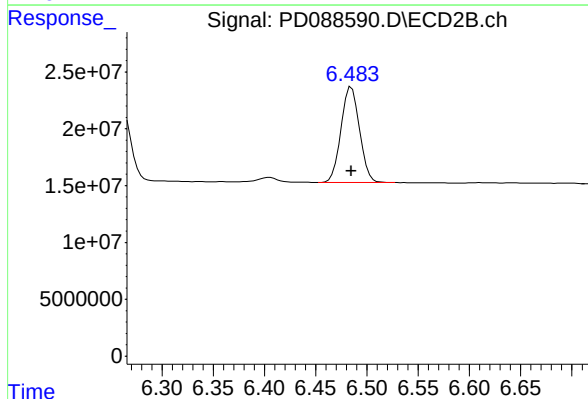
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 17063513
Conc: 5.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

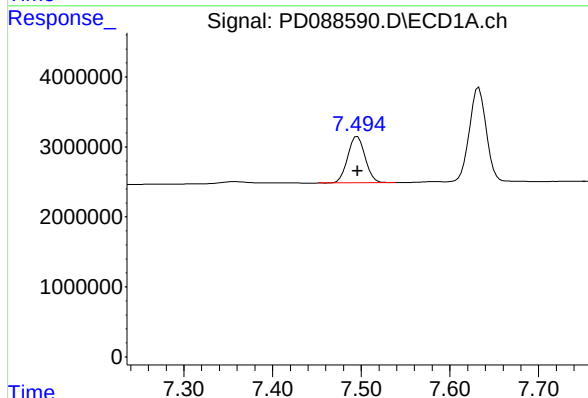
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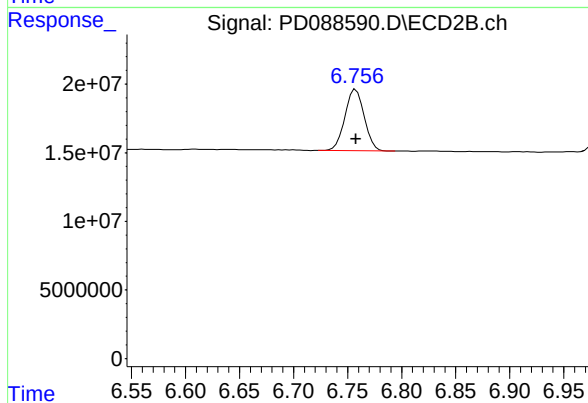
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 105463408
Conc: 5.94 ng/ml



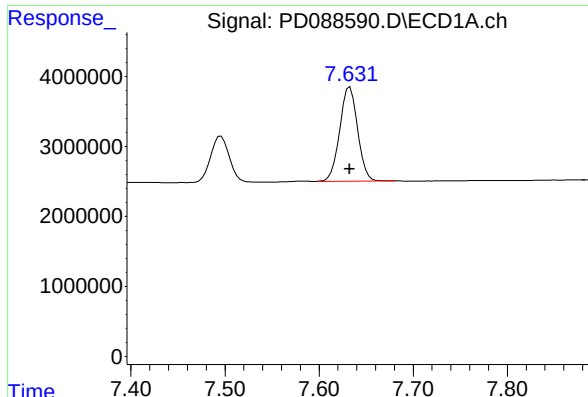
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 9112300
Conc: 5.45 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 55786563
Conc: 5.83 ng/ml



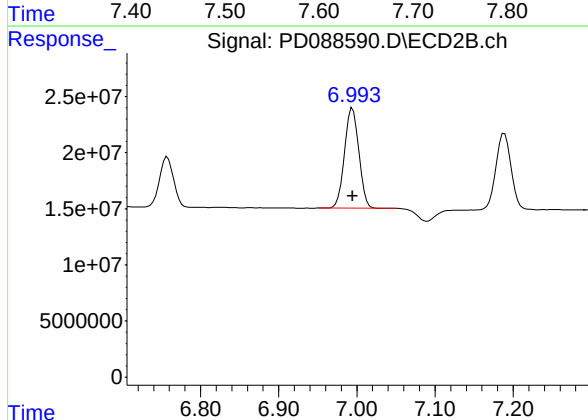
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 17773939
Conc: 5.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

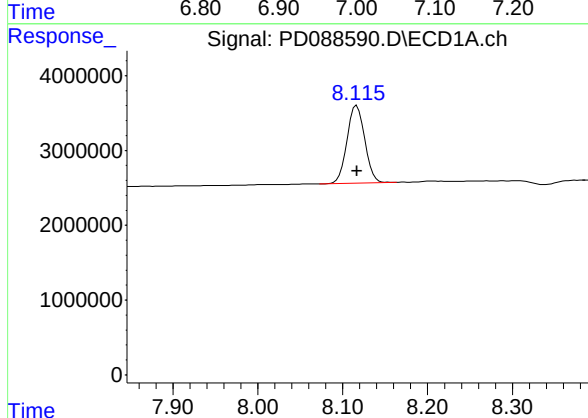
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Supervised By :mohammad ahmed 05/21/2025



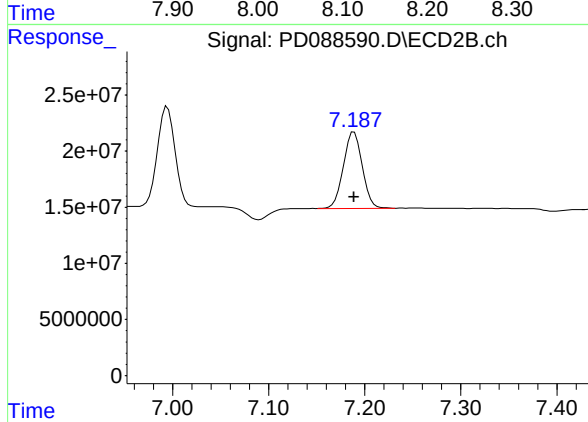
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 114101930
Conc: 5.90 ng/ml



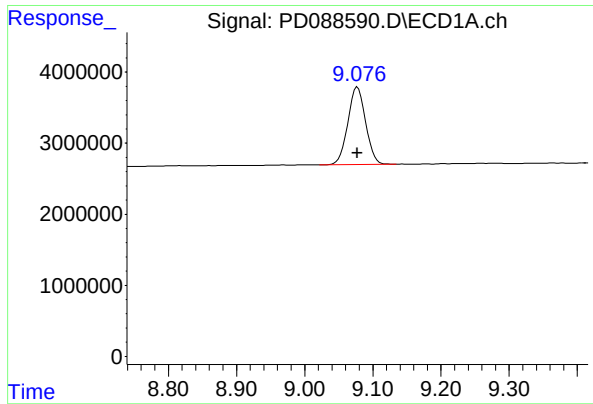
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 15159249
Conc: 5.83 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 92799571
Conc: 6.10 ng/ml



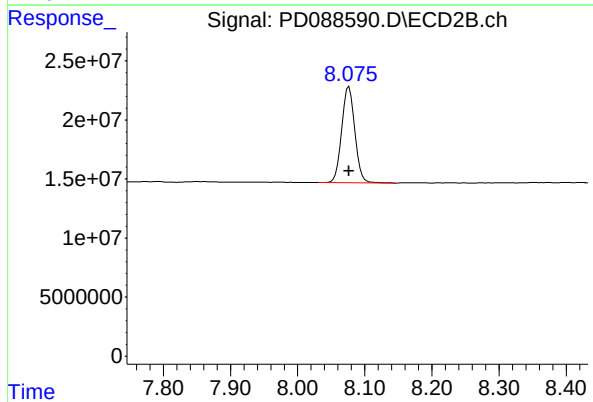
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 19763753
Conc: 5.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2025
Supervised By :mohammad ahmed 05/21/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 110669719
Conc: 6.06 ng/ml