

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110921\
 Data File : PD066806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2021 12:30
 Operator : AR\AJ
 Sample : PB140589BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB140589BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2021
 Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 05:33:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.442	3.967	31112096	145.7E6	16.675	18.003
28)	SA Decachlor...	8.170	9.028	19957750	101.8E6	17.273	18.904
Target Compounds							
2)	A alpha-BHC	3.880	4.360	27384450	118.6E6	8.957	10.750m
3)	MA gamma-BHC...	4.162	4.646	28248015	104.7E6	9.354	10.504
4)	MA Heptachlor	4.455	5.147	28470719	104.6E6	9.597	10.672
5)	MB Aldrin	4.701	5.450	27448927	94455005	9.525	10.405
6)	B beta-BHC	4.411	4.822	13288755	61696421	10.638	13.250m
7)	B delta-BHC	4.613	5.037	25285441	79399593	9.406	8.687m
8)	B Heptachlo...	5.142	5.839	25704951	57661536	9.938	7.956
9)	A Endosulfan I	5.478	6.196	23617786	85939558	9.945	10.899
10)	B gamma-Chl...	5.366	6.073	25655230	89533178	9.847	10.731
11)	B alpha-Chl...	5.424	6.144	25401064	90952265	9.898	10.965
12)	B 4,4'-DDE	5.588	6.305	22008135	85366795	9.446	10.832
13)	MA Dieldrin	5.720	6.454	24070641	90026931	9.619	10.850
14)	MA Endrin	5.977	6.673	13230523	49559268	6.322	7.201
15)	B Endosulfa...	6.250	6.888	20882657	78758220	10.501	11.155
16)	A 4,4'-DDD	6.103	6.800	17566112	74022838	9.369	10.893
17)	MA 4,4'-DDT	6.341	7.098	18362762	79324568	9.547	10.937
18)	B Endrin al...	6.419	7.013	12788247	53221514	8.273	9.357
19)	B Endosulfa...	6.631	7.236	19710513	81241705	10.591	11.199
20)	A Methoxychlor	6.889	7.560	11134777	45444000	10.782	11.155
21)	B Endrin ke...	7.122	7.708	28061011	110.1E6	12.860	13.088m
22)	Mirex	7.303	8.158	16903555	67891646	10.866	11.479

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

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Data File : PD066806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2021 12:30
Operator : AR\AJ
Sample : PB140589BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

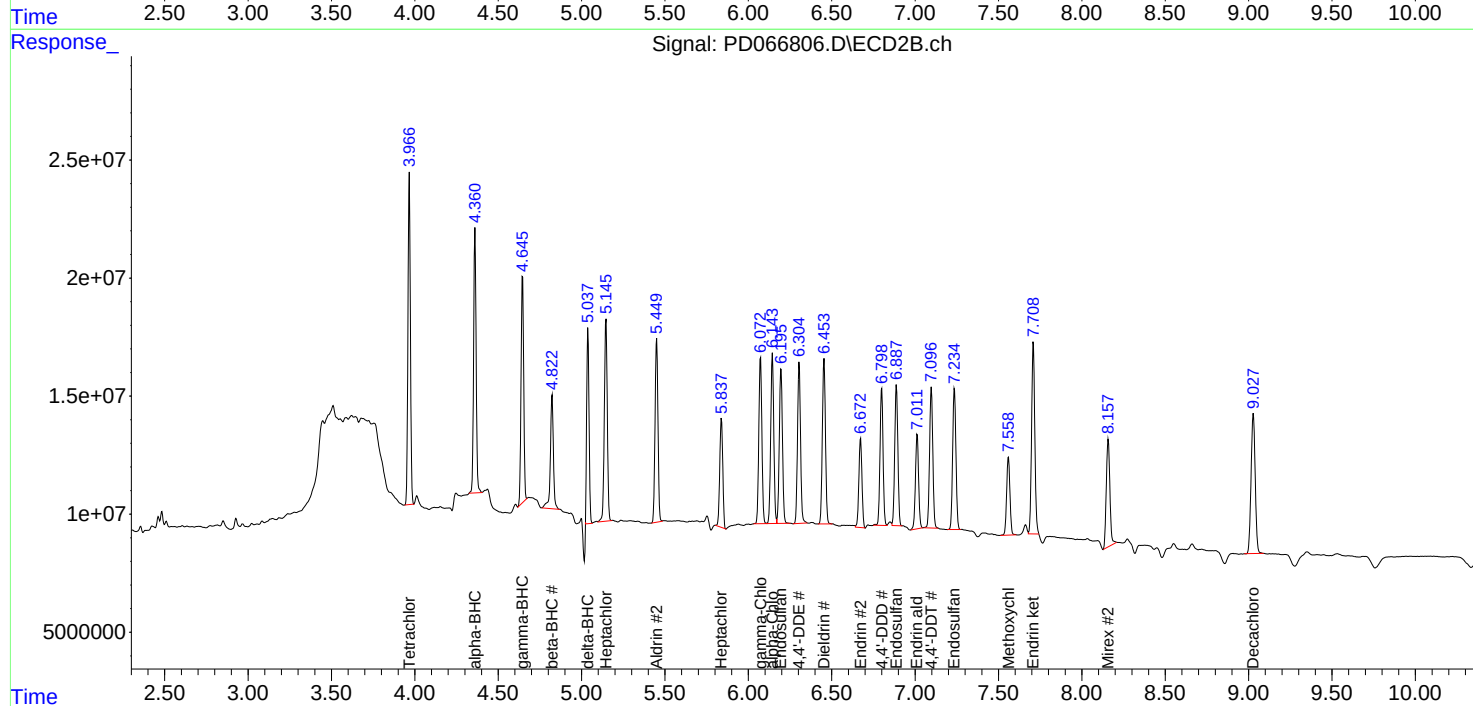
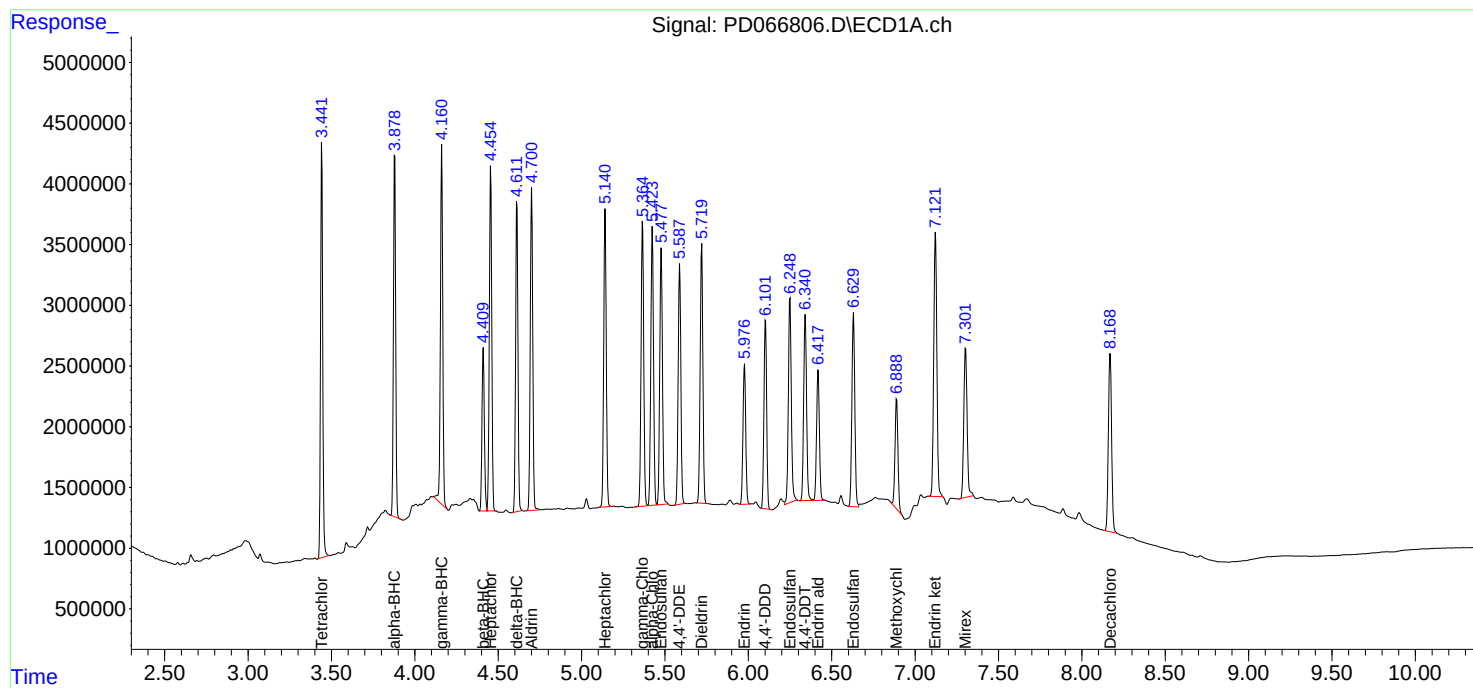
Instrument :
ECD_D
ClientSampleId :
PB140589BS

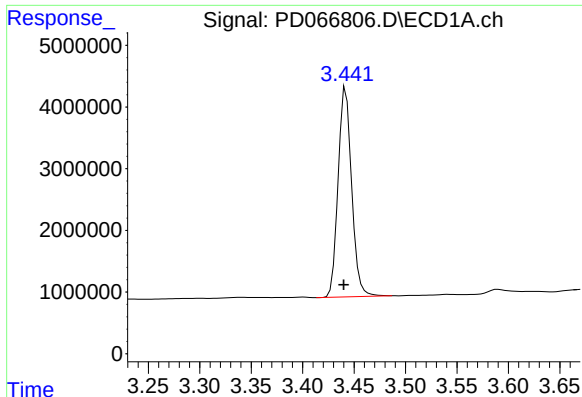
Manual Integrations
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Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 05:33:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
Quant Title : GC Extractables
QLast Update : Thu Oct 28 02:17:57 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.002 min
Response: 31112096
Conc: 16.67 ng/ml

Instrument :

ECD_D

ClientSampleId :

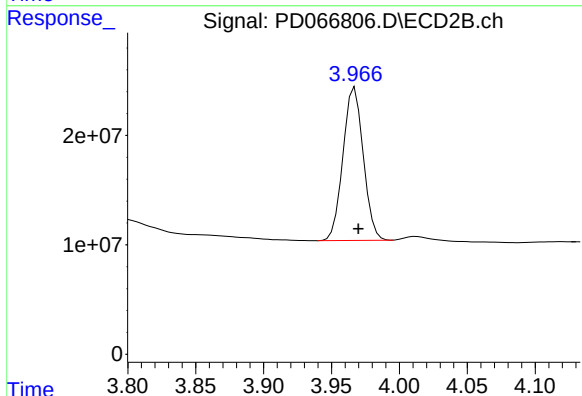
PB140589BS

Manual Integrations

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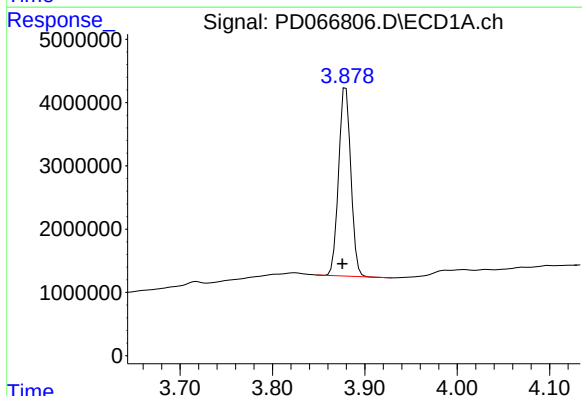
Reviewed By :Abdul Mirza 11/10/2021

Supervised By :mohammad ahmed 11/10/2021



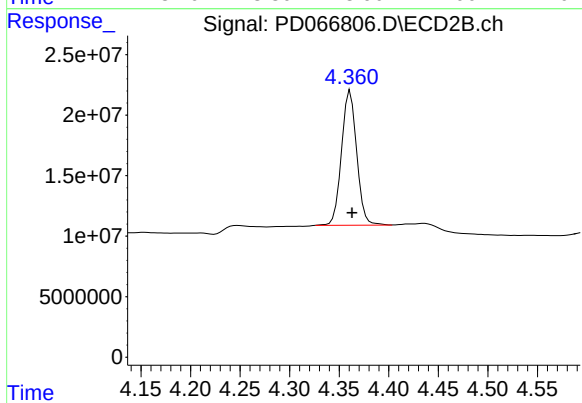
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 145681786
Conc: 18.00 ng/ml



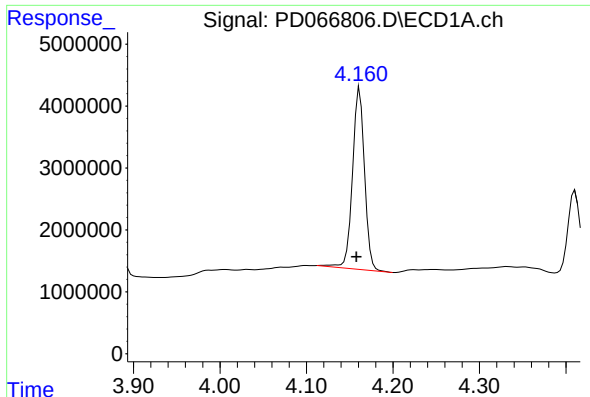
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.004 min
Response: 27384450
Conc: 8.96 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 118599043
Conc: 10.75 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.004 min
Response: 28248015
Conc: 9.35 ng/ml

Instrument :

ECD_D

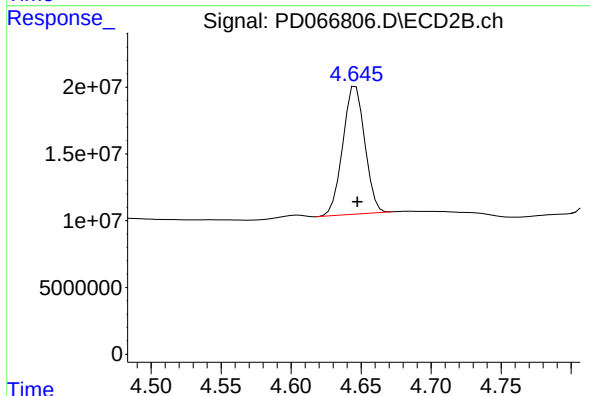
ClientSampleId :

PB140589BS

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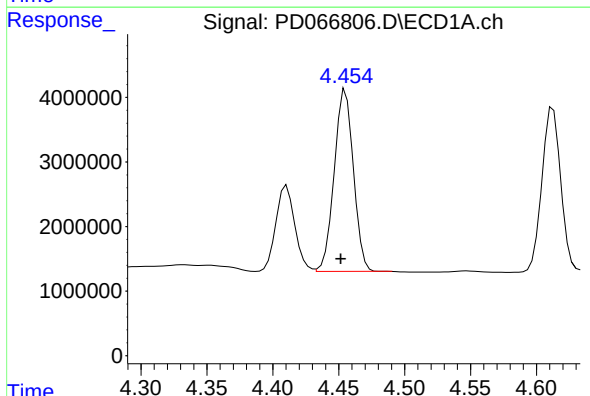
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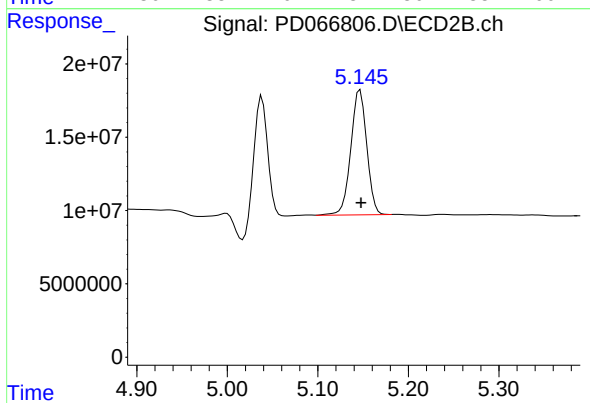
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.001 min
Response: 104675498
Conc: 10.50 ng/ml



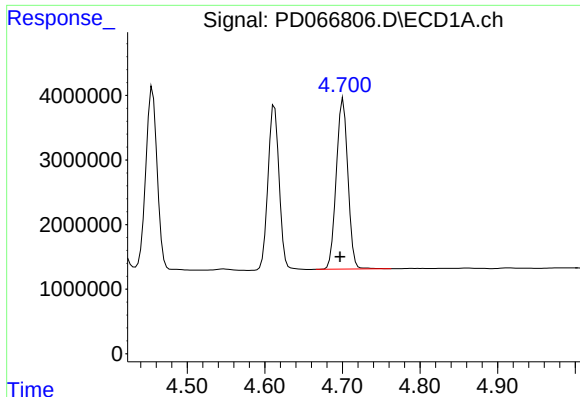
#4 Heptachlor

R.T.: 4.455 min
Delta R.T.: 0.004 min
Response: 28470719
Conc: 9.60 ng/ml



#4 Heptachlor

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 104611009
Conc: 10.67 ng/ml



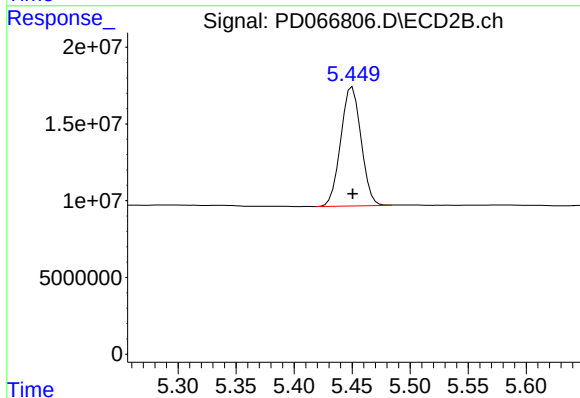
#5 Aldrin

R.T.: 4.701 min
Delta R.T.: 0.004 min
Response: 27448927
Conc: 9.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

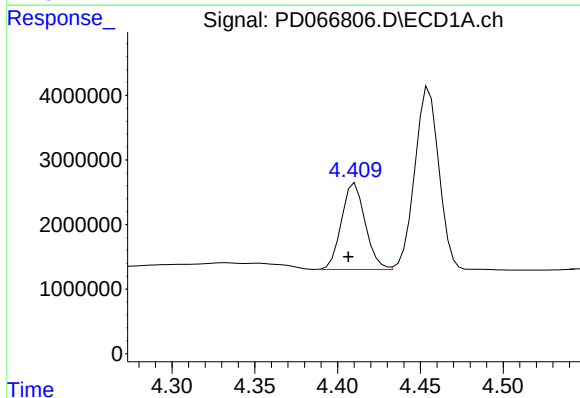
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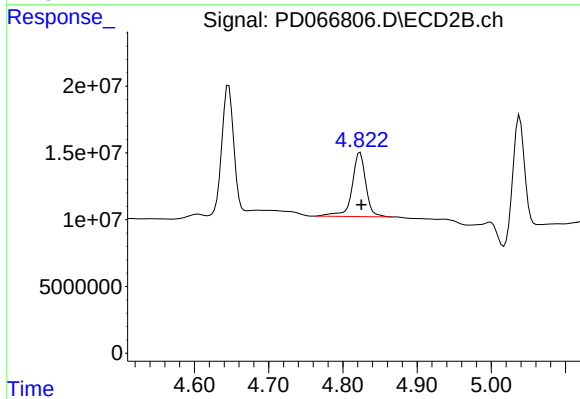
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 94455005
Conc: 10.41 ng/ml



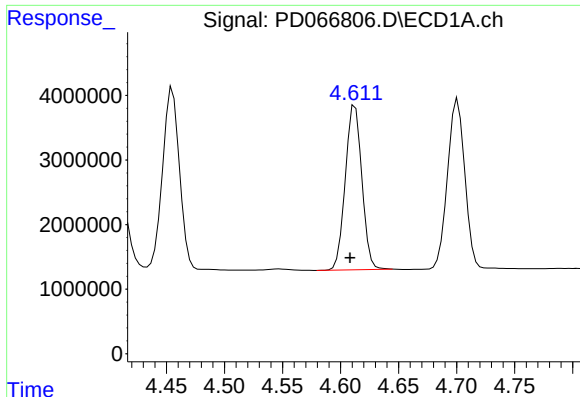
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 13288755
Conc: 10.64 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.003 min
Response: 61696421
Conc: 13.25 ng/ml m



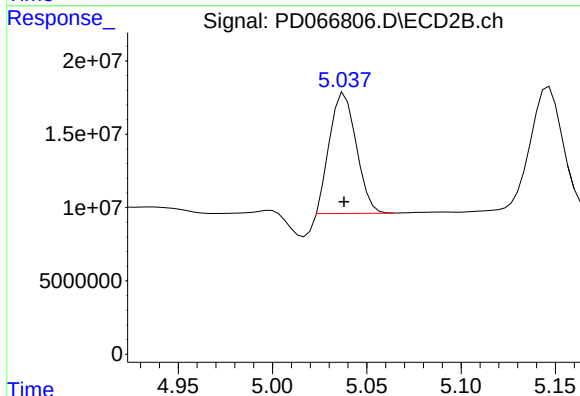
#7 delta-BHC

R.T.: 4.613 min
Delta R.T.: 0.004 min
Response: 25285441
Conc: 9.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

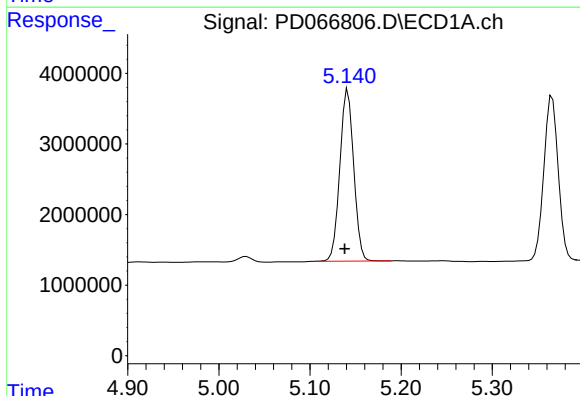
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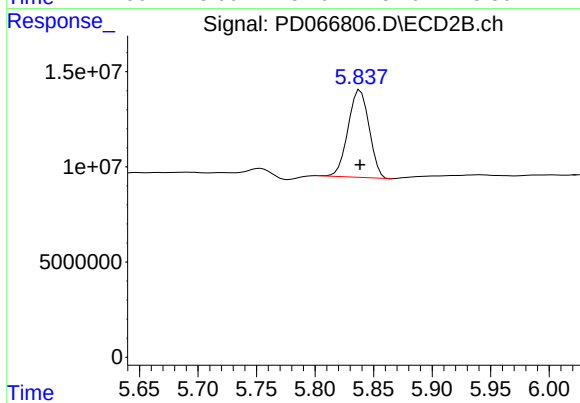
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 79399593
Conc: 8.69 ng/ml m



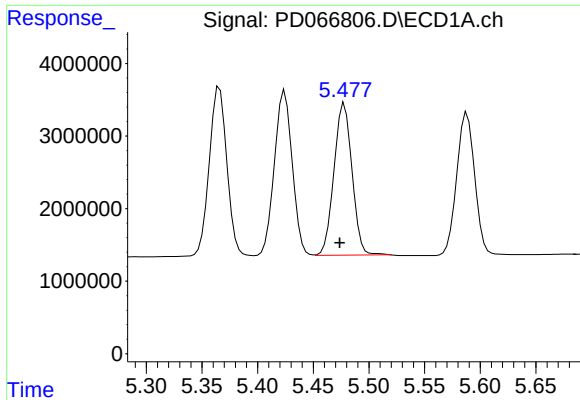
#8 Heptachlor epoxide

R.T.: 5.142 min
Delta R.T.: 0.004 min
Response: 25704951
Conc: 9.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 57661536
Conc: 7.96 ng/ml



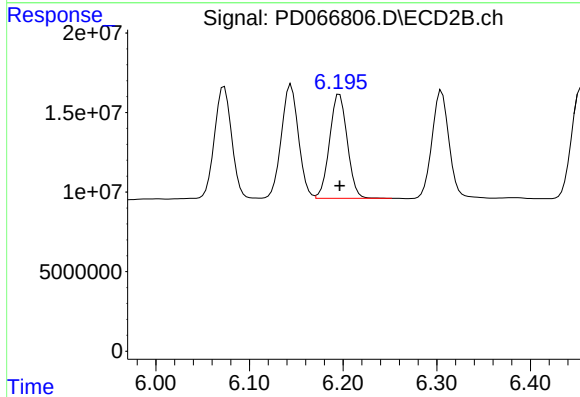
#9 Endosulfan I

R.T.: 5.478 min
Delta R.T.: 0.004 min
Response: 23617786
Conc: 9.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

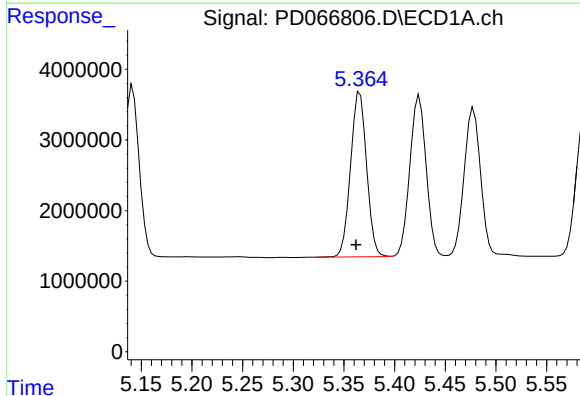
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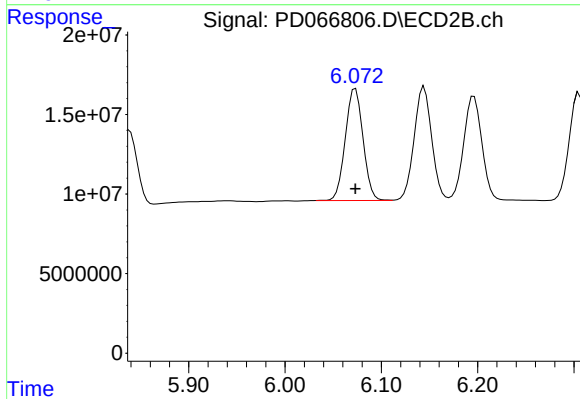
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 85939558
Conc: 10.90 ng/ml



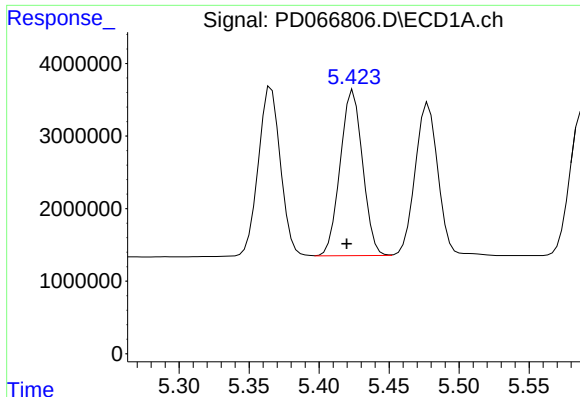
#10 gamma-Chlordane

R.T.: 5.366 min
Delta R.T.: 0.004 min
Response: 25655230
Conc: 9.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 89533178
Conc: 10.73 ng/ml



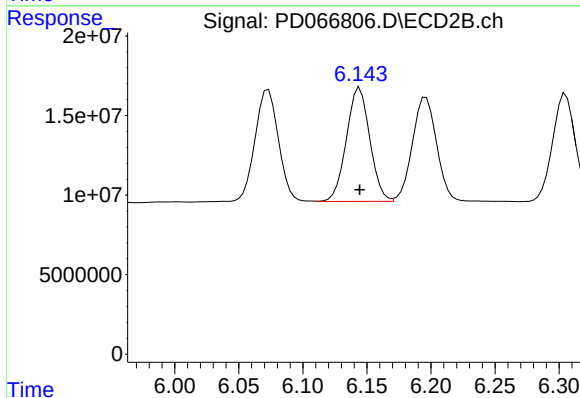
#11 alpha-Chlordane

R.T.: 5.424 min
Delta R.T.: 0.005 min
Response: 25401064
Conc: 9.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

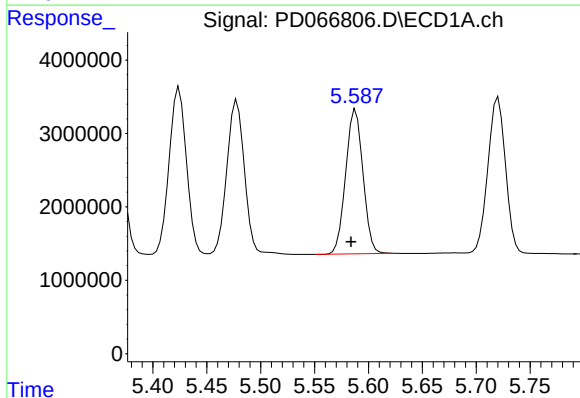
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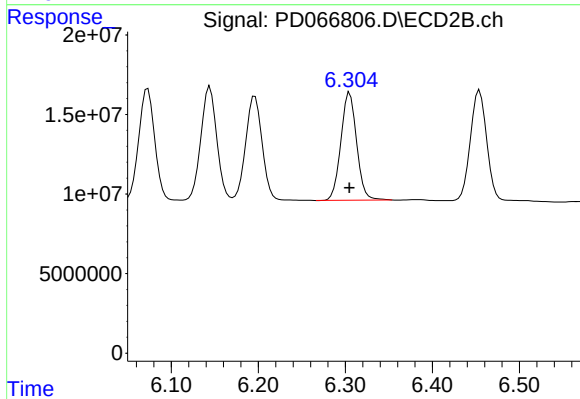
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 90952265
Conc: 10.97 ng/ml



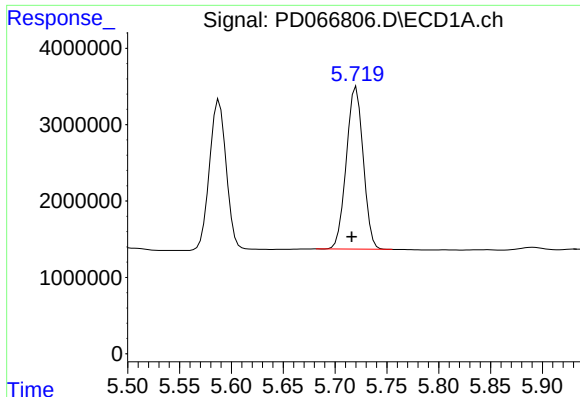
#12 4,4'-DDE

R.T.: 5.588 min
Delta R.T.: 0.004 min
Response: 22008135
Conc: 9.45 ng/ml



#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 85366795
Conc: 10.83 ng/ml



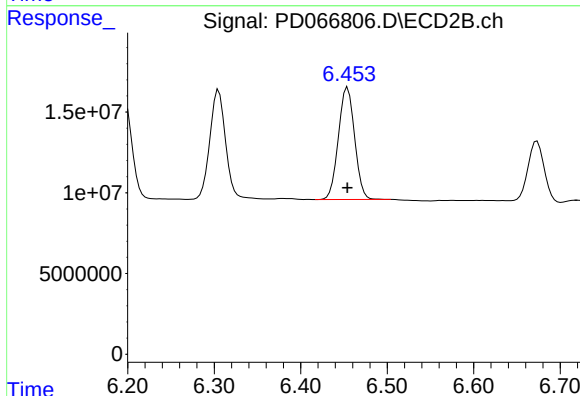
#13 Dieldrin

R.T.: 5.720 min
Delta R.T.: 0.004 min
Response: 24070641
Conc: 9.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

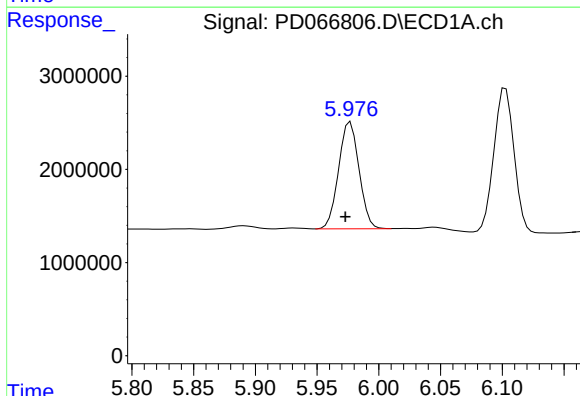
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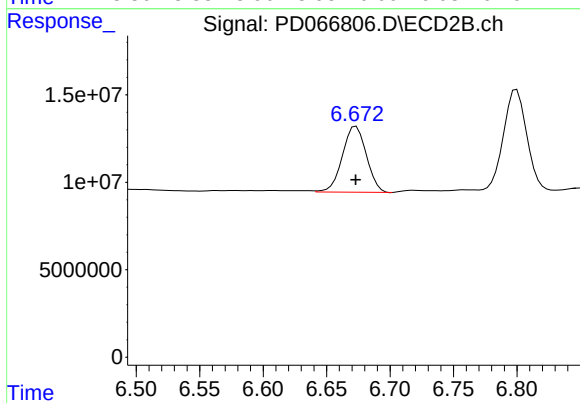
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 90026931
Conc: 10.85 ng/ml



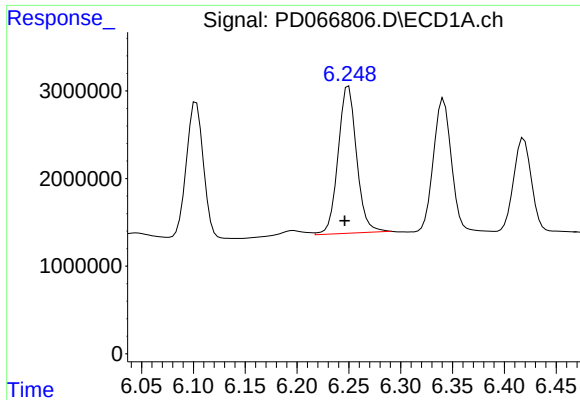
#14 Endrin

R.T.: 5.977 min
Delta R.T.: 0.004 min
Response: 13230523
Conc: 6.32 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 49559268
Conc: 7.20 ng/ml



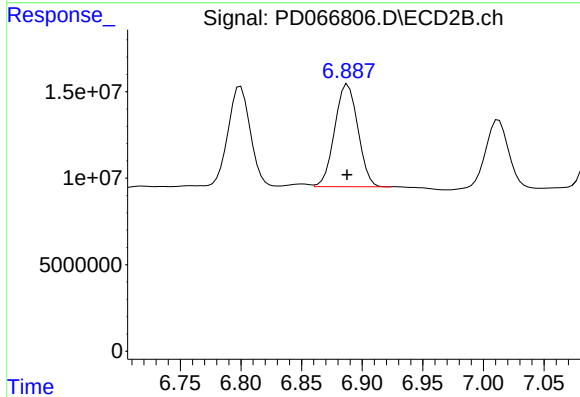
#15 Endosulfan II

R.T.: 6.250 min
Delta R.T.: 0.004 min
Response: 20882657
Conc: 10.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

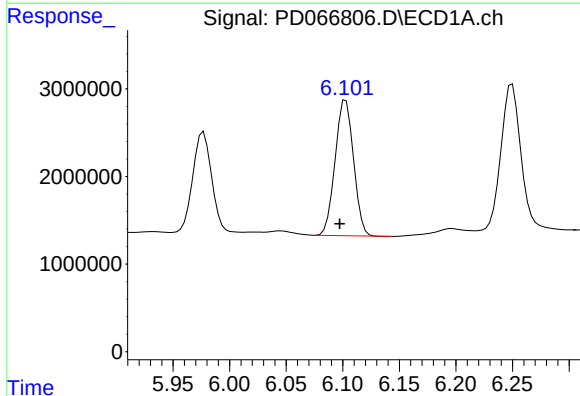
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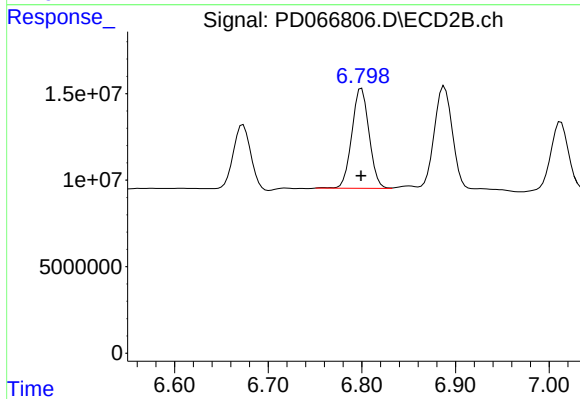
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 78758220
Conc: 11.15 ng/ml



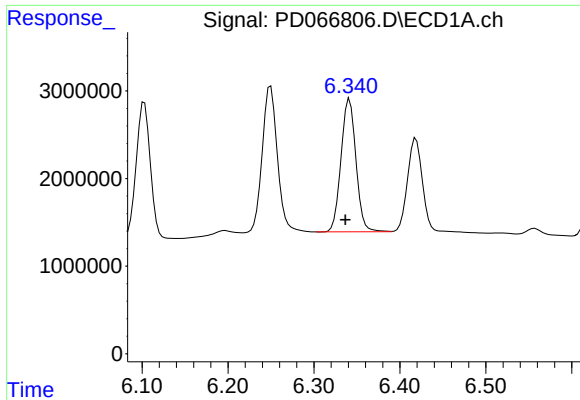
#16 4,4'-DDD

R.T.: 6.103 min
Delta R.T.: 0.005 min
Response: 17566112
Conc: 9.37 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 74022838
Conc: 10.89 ng/ml



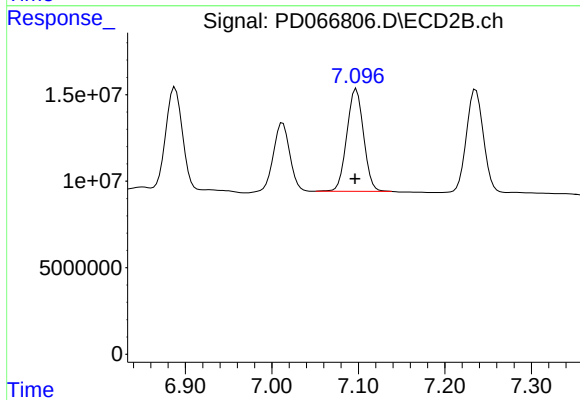
#17 4,4'-DDT

R.T.: 6.341 min
Delta R.T.: 0.005 min
Response: 18362762
Conc: 9.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

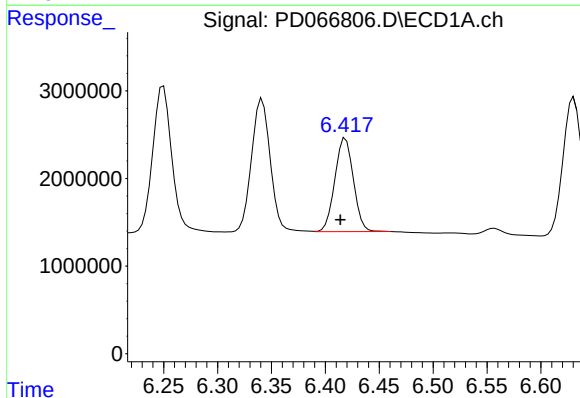
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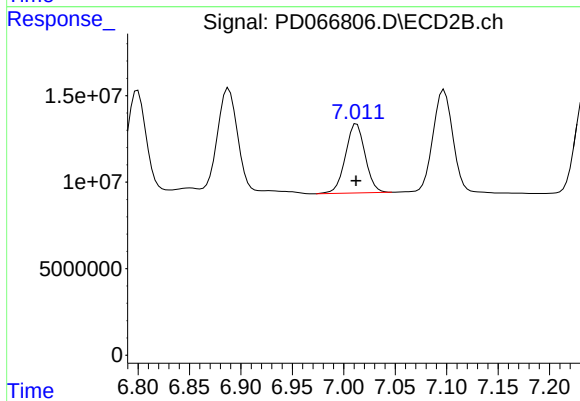
#17 4,4'-DDT

R.T.: 7.098 min
Delta R.T.: 0.002 min
Response: 79324568
Conc: 10.94 ng/ml



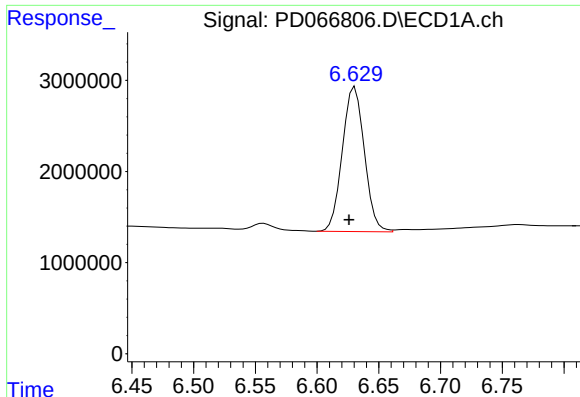
#18 Endrin aldehyde

R.T.: 6.419 min
Delta R.T.: 0.005 min
Response: 12788247
Conc: 8.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 53221514
Conc: 9.36 ng/ml



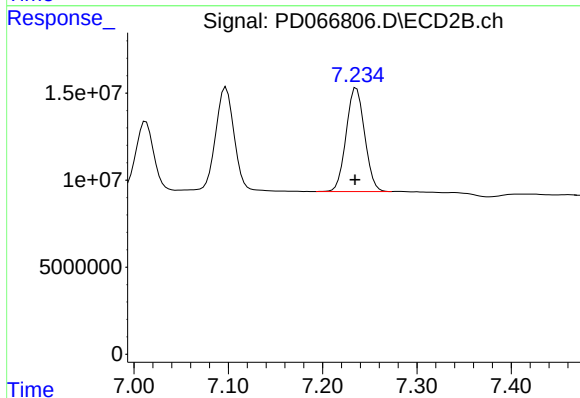
#19 Endosulfan Sulfate

R.T.: 6.631 min
Delta R.T.: 0.005 min
Response: 19710513
Conc: 10.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB140589BS

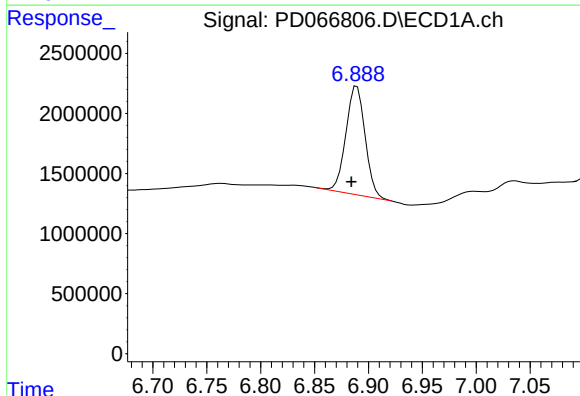
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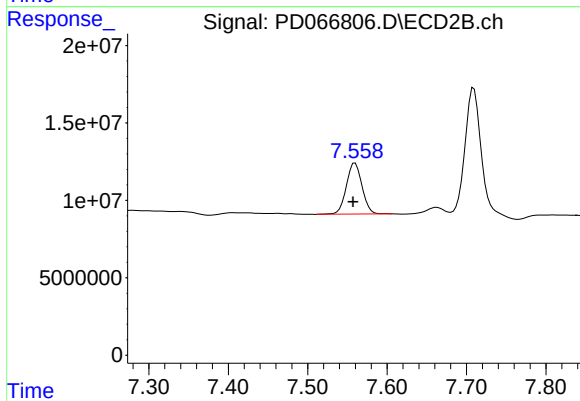
#19 Endosulfan Sulfate

R.T.: 7.236 min
Delta R.T.: 0.001 min
Response: 81241705
Conc: 11.20 ng/ml



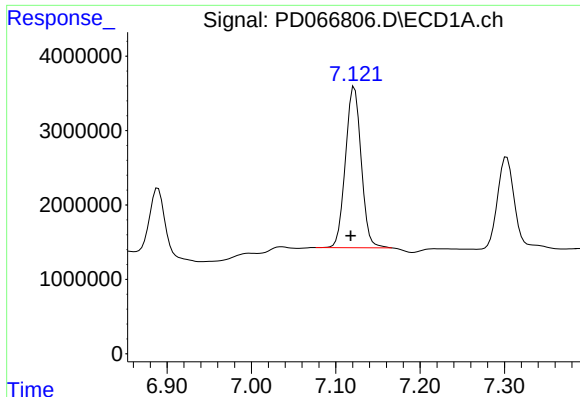
#20 Methoxychlor

R.T.: 6.889 min
Delta R.T.: 0.005 min
Response: 11134777
Conc: 10.78 ng/ml



#20 Methoxychlor

R.T.: 7.560 min
Delta R.T.: 0.003 min
Response: 45444000
Conc: 11.16 ng/ml



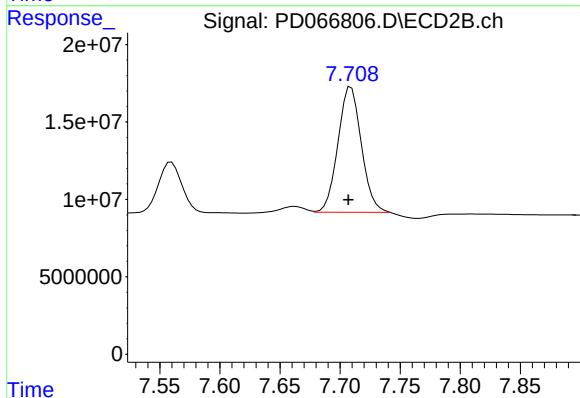
#21 Endrin ketone

R.T.: 7.122 min
Delta R.T.: 0.004 min
Response: 28061011
Conc: 12.86 ng/ml

Instrument :
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ClientSampleId :
PB140589BS

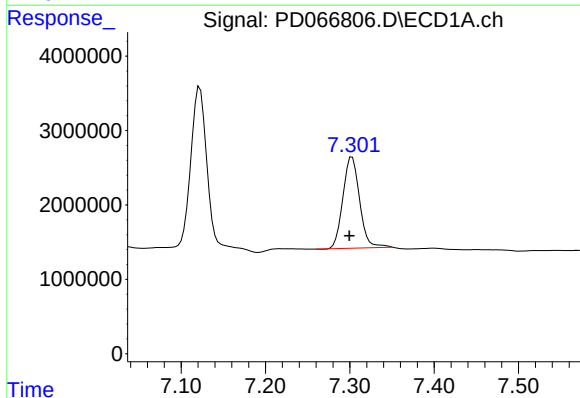
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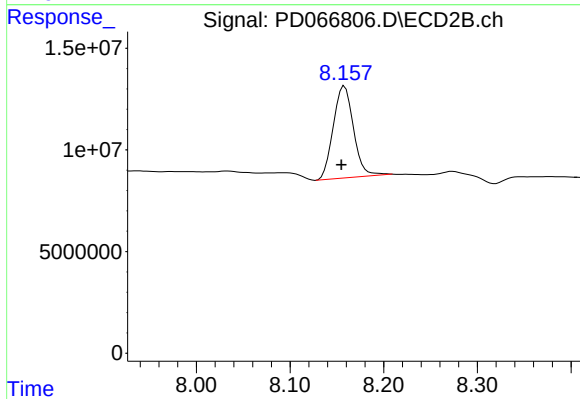
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 110064127
Conc: 13.09 ng/ml m



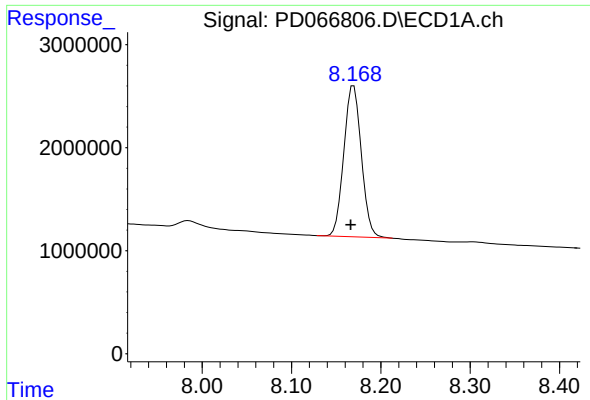
#22 Mirex

R.T.: 7.303 min
Delta R.T.: 0.003 min
Response: 16903555
Conc: 10.87 ng/ml



#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.003 min
Response: 67891646
Conc: 11.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.170 min
Delta R.T.: 0.003 min
Response: 19957750
Conc: 17.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

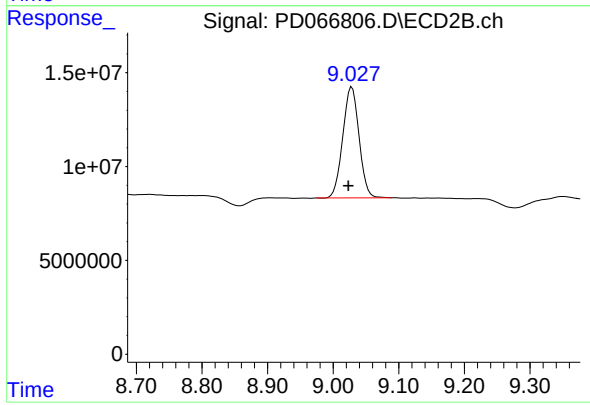
PB140589BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/10/2021

Supervised By :mohammad ahmed 11/10/2021



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.005 min
Response: 101822912
Conc: 18.90 ng/ml