

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
 Data File : PD091411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 13:53
 Operator : AR\AJ
 Sample : Q3735-01MS 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 BU-3-112625MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/02/2025
 Supervised By : mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 02:13:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.871	7293008	82504054	2.115m	2.252
2) SA Decachlor...	9.058	8.052	6713550	52279612	1.348	1.321m
Target Compounds						
2) A alpha-BHC	3.990	3.382	34844934	344.8E6	4.358	5.456 #
3) MA gamma-BHC...	4.320	3.718	32562947	313.1E6	4.357	5.415
4) MA Heptachlor	4.915	4.070	28902967	259.6E6	4.036m	4.702
5) MB Aldrin	5.259	4.355	32177175	307.5E6	4.434	5.446
6) B beta-BHC	4.508	4.015	16238859	140.8E6	5.589	5.860
7) B delta-BHC	4.756	4.250	35121677	308.4E6	4.726	5.273
8) B Heptachlo...	5.678	4.858	31790877	284.3E6	4.893	5.580
9) A Endosulfan I	6.062	5.232	28787292	253.9E6	4.686	5.307
10) B gamma-Chl...	5.933	5.111	30004650	340.2E6	4.616m	6.227 #
11) B alpha-Chl...	6.014	5.175	38432200	297.7E6	5.584	5.688
12) B 4,4'-DDE	6.184	5.360	42538812	461.3E6	7.335	8.631
13) MA Dieldrin	6.334	5.498	27613069	291.5E6	4.271	5.367 #
14) MA Endrin	6.562	5.775	22703624	264.6E6	4.574	5.856 #
15) B Endosulfa...	6.775	6.066	25538308	225.3E6	4.594	4.827
16) A 4,4'-DDD	6.694	5.914	27896502	305.7E6	5.680	6.257
17) MA 4,4'-DDT	7.008	6.168	20095272	216.5E6	4.859m	5.532
18) B Endrin al...	6.904	6.244	17872263	146.7E6	4.290	4.159
19) B Endosulfa...	7.138	6.467	21166286	188.4E6	4.114	4.203
20) A Methoxychlor	7.483	6.737	8925186	69316524	4.105	3.457
21) B Endrin ke...	7.618	6.976	23909726	202.6E6	4.244m	3.976
22) Mirex	8.101	7.168	16656848	124.0E6	4.683	3.741

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 13:53
Operator : AR\AJ
Sample : Q3735-01MS 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

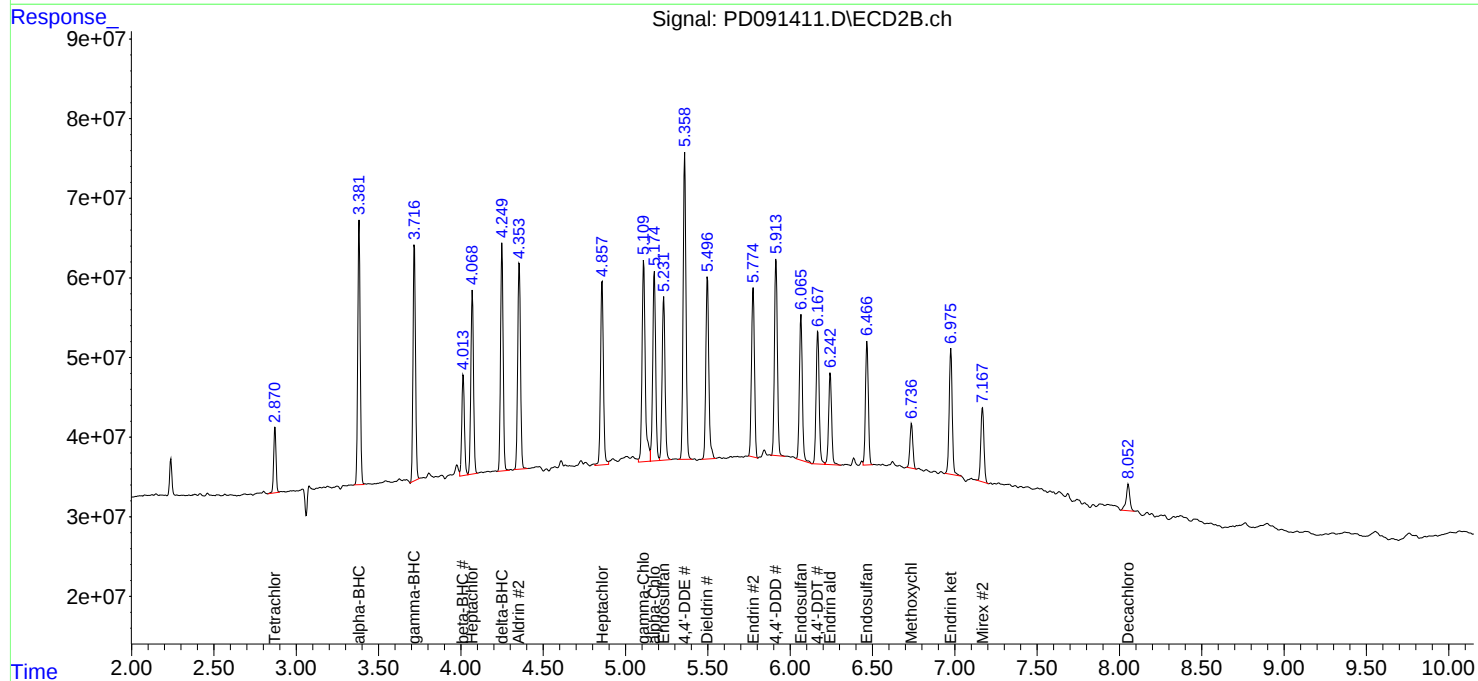
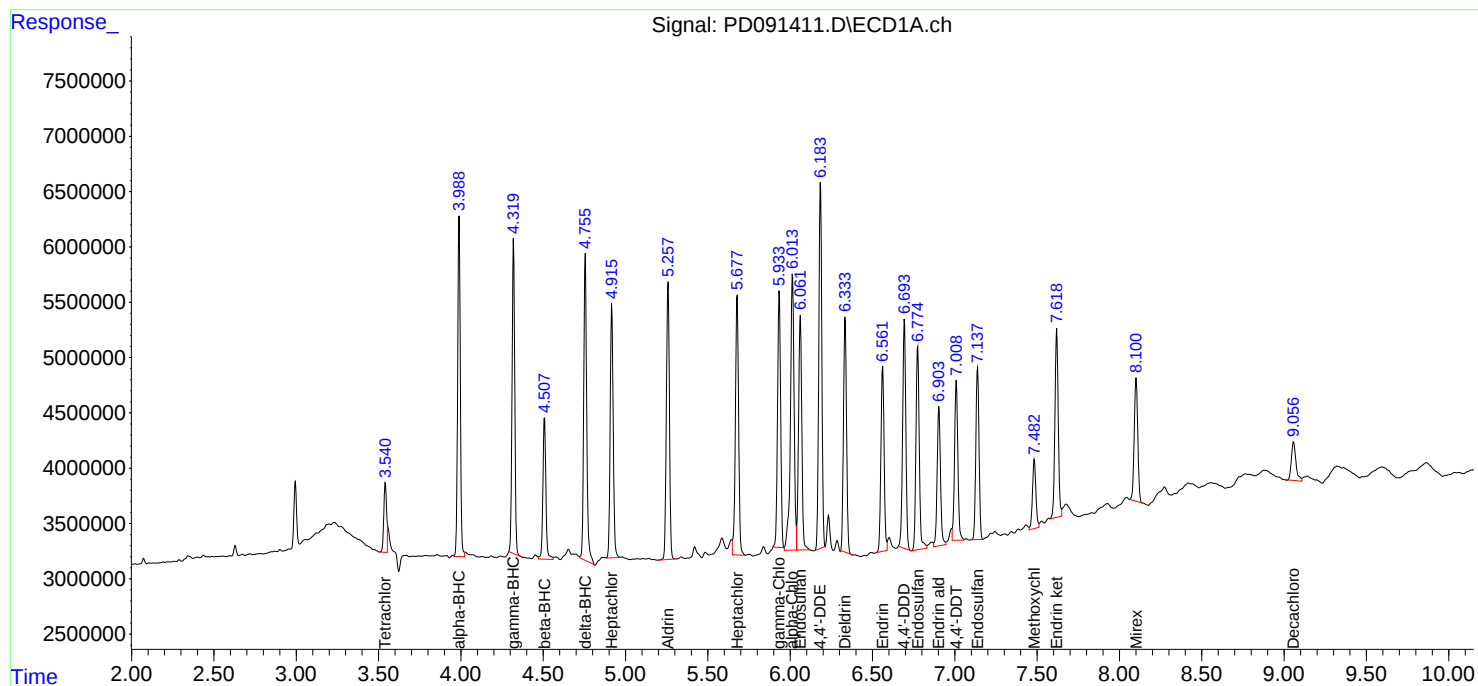
Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

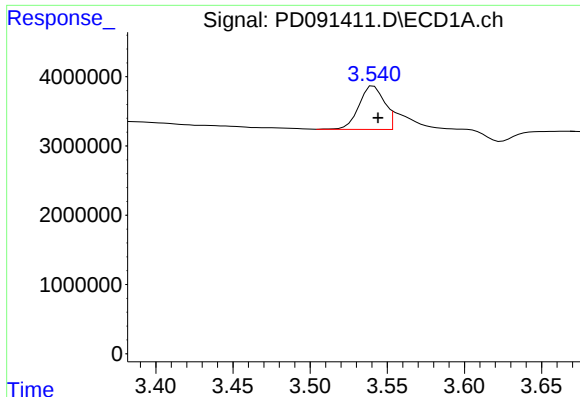
Manual Integrations
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Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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





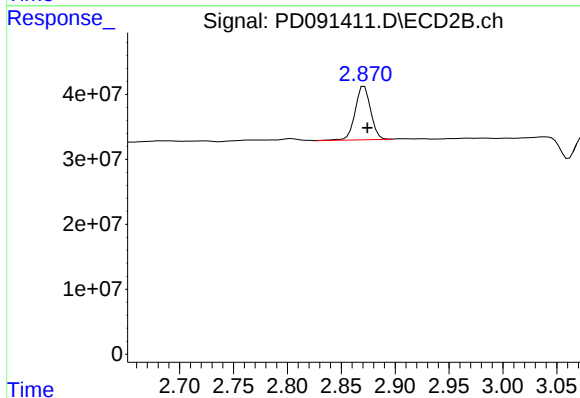
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 7293008
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

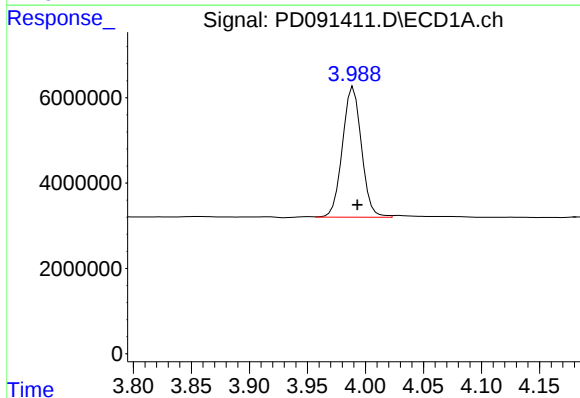
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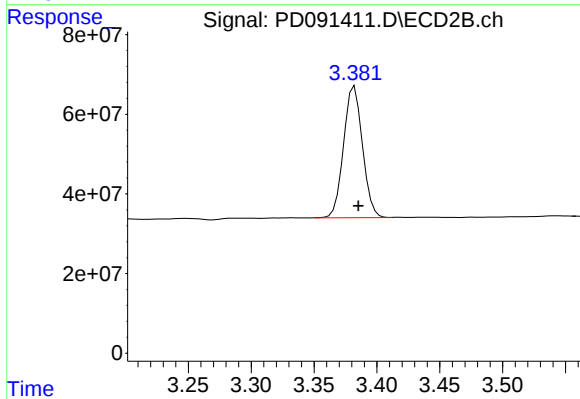
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 82504054
Conc: 2.25 ng/ml



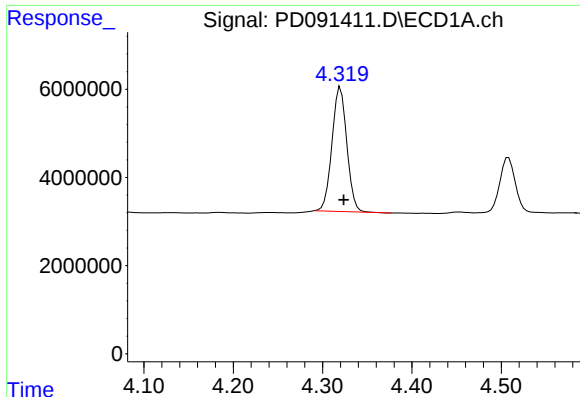
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 34844934
Conc: 4.36 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: -0.003 min
Response: 344808013
Conc: 5.46 ng/ml



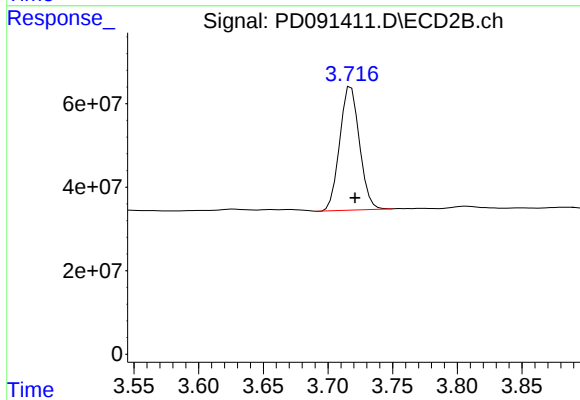
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: -0.004 min
Response: 32562947
Conc: 4.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

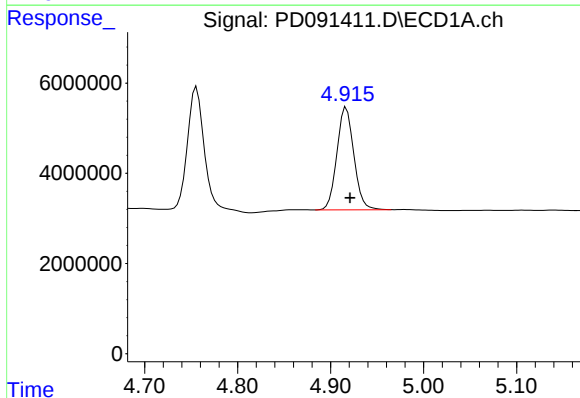
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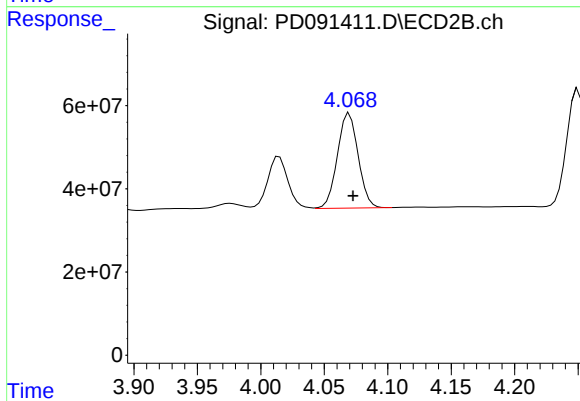
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 313095454
Conc: 5.41 ng/ml



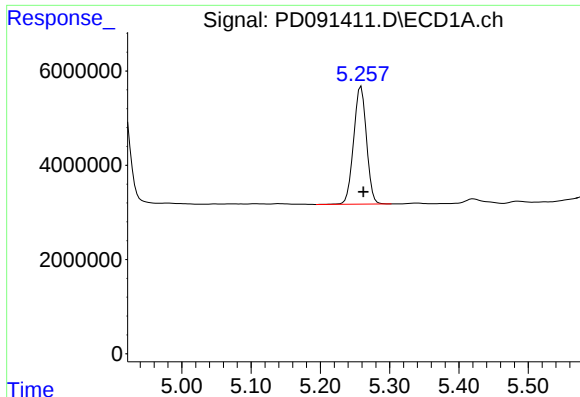
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.006 min
Response: 28902967
Conc: 4.04 ng/ml m



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 259609852
Conc: 4.70 ng/ml



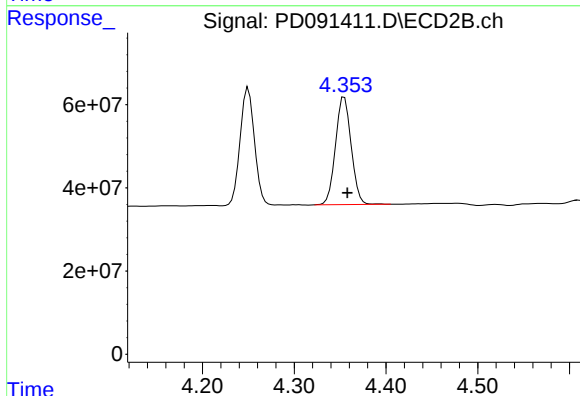
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 32177175
Conc: 4.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

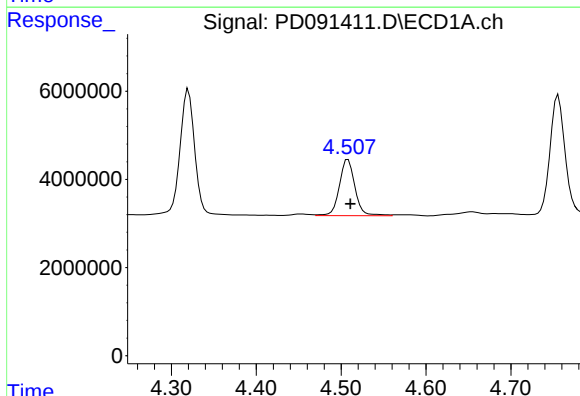
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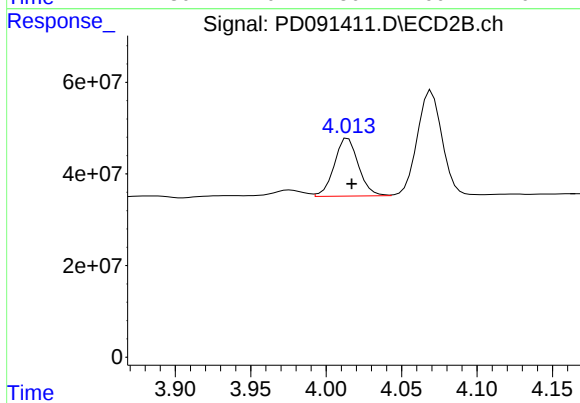
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 307474225
Conc: 5.45 ng/ml



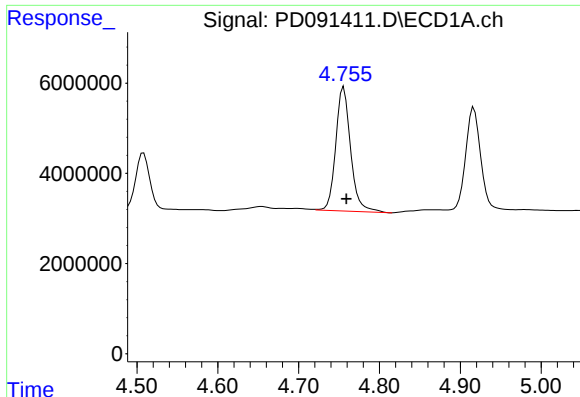
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 16238859
Conc: 5.59 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 140801405
Conc: 5.86 ng/ml



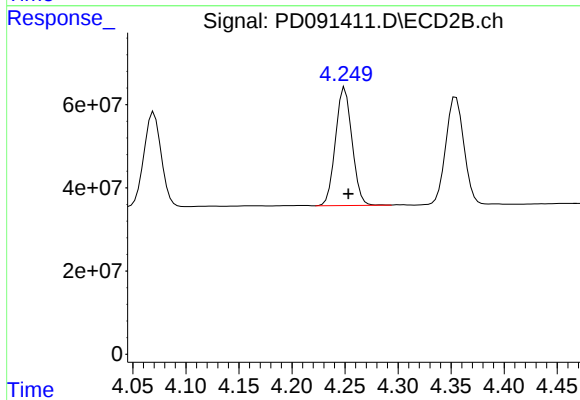
#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 35121677
Conc: 4.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

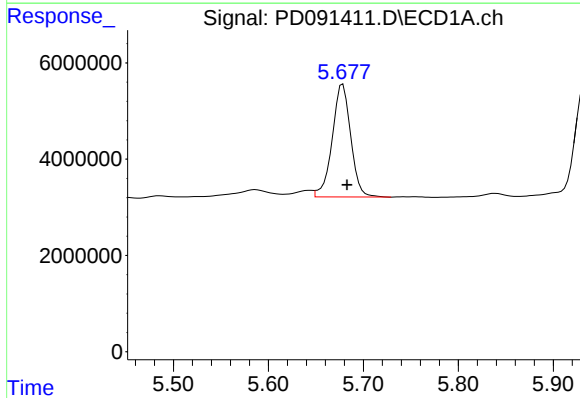
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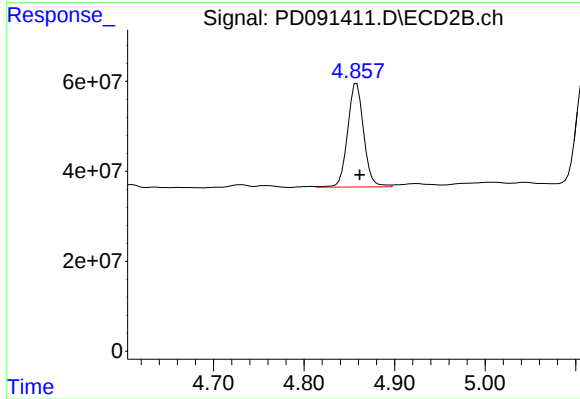
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: -0.003 min
Response: 308356689
Conc: 5.27 ng/ml



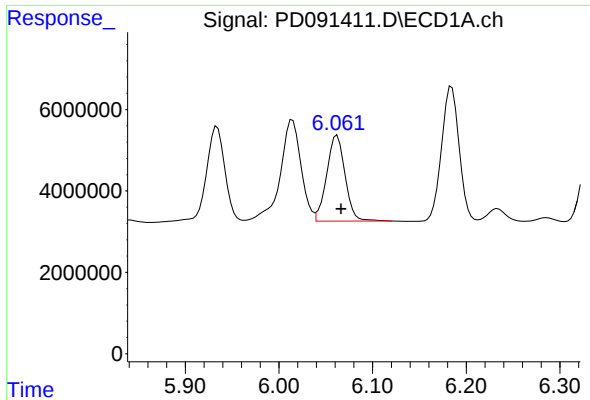
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 31790877
Conc: 4.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 284340978
Conc: 5.58 ng/ml



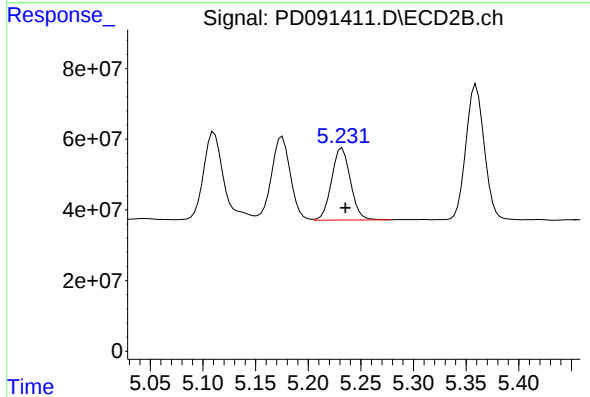
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.004 min
Response: 28787292
Conc: 4.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

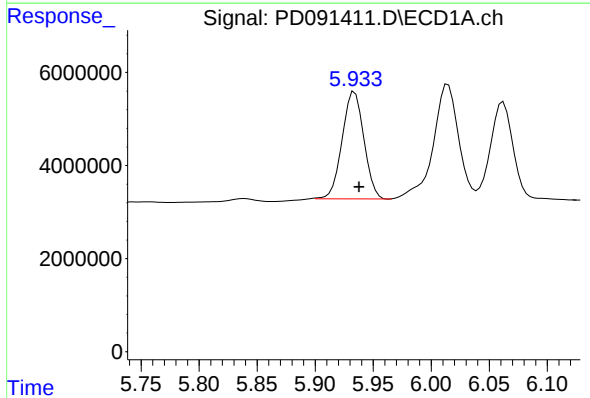
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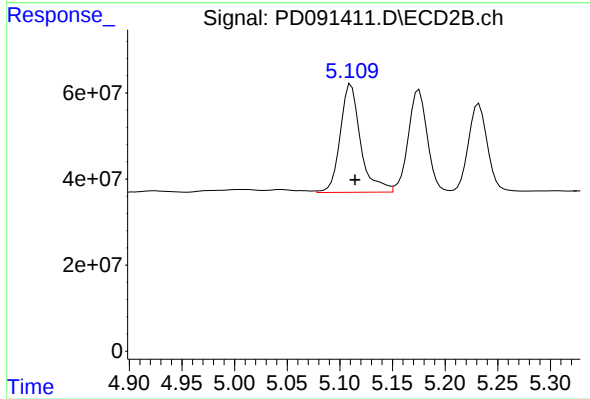
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 253946179
Conc: 5.31 ng/ml



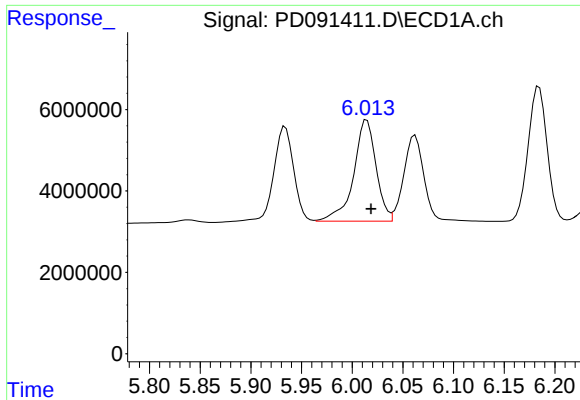
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.005 min
Response: 30004650
Conc: 4.62 ng/ml m



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 340168633
Conc: 6.23 ng/ml



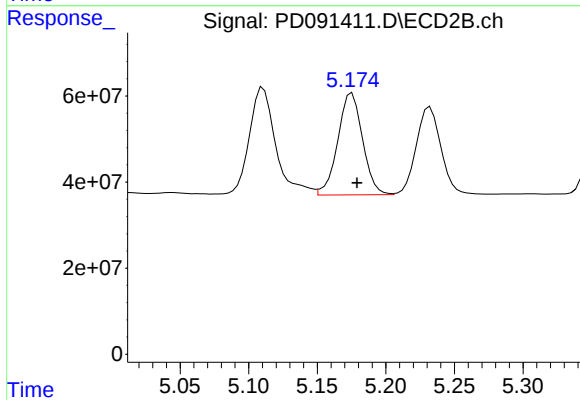
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 38432200
Conc: 5.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

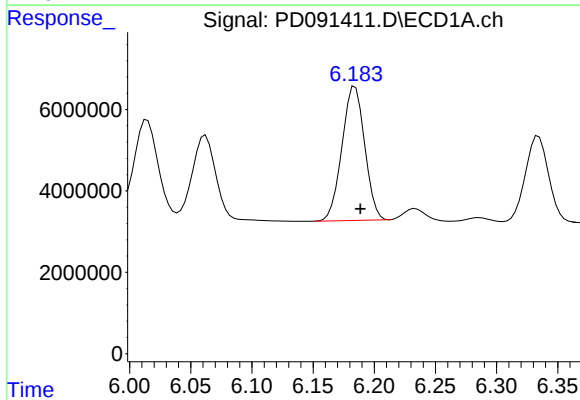
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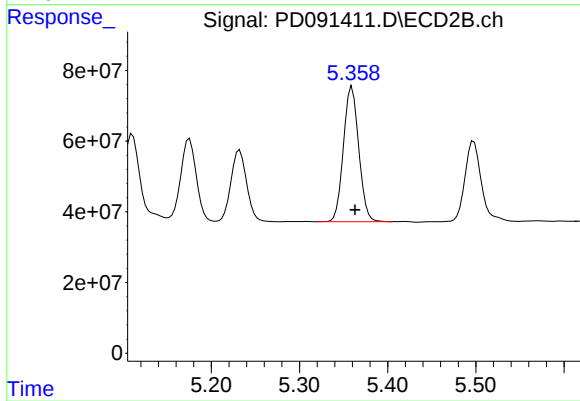
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.004 min
Response: 297650172
Conc: 5.69 ng/ml



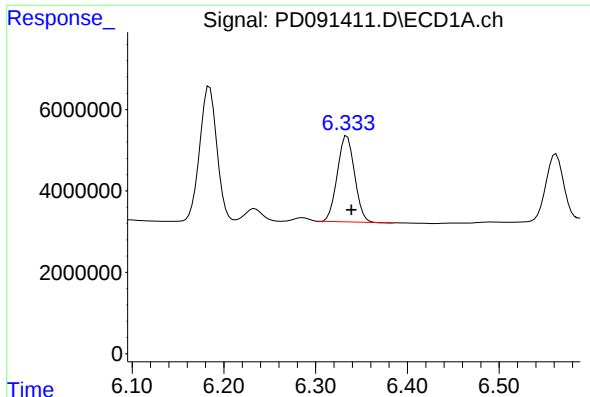
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 42538812
Conc: 7.34 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 461271651
Conc: 8.63 ng/ml



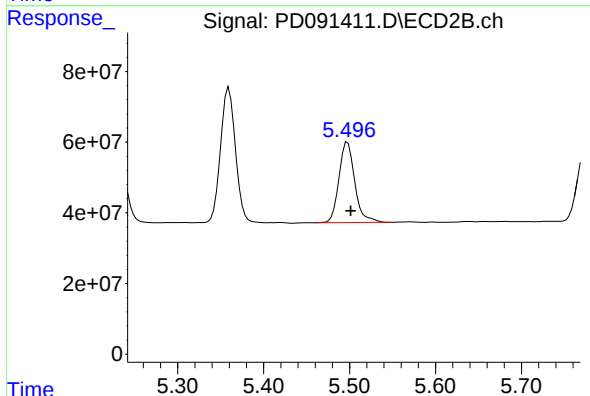
#13 Dieldrin

R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 27613069
Conc: 4.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

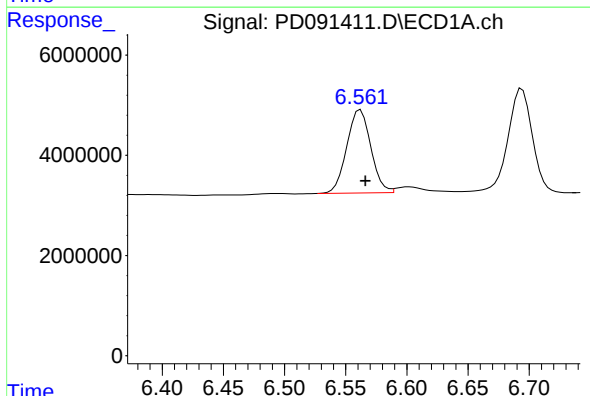
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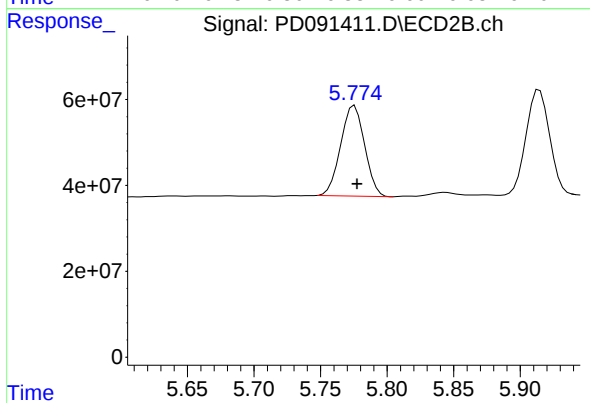
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 291504441
Conc: 5.37 ng/ml



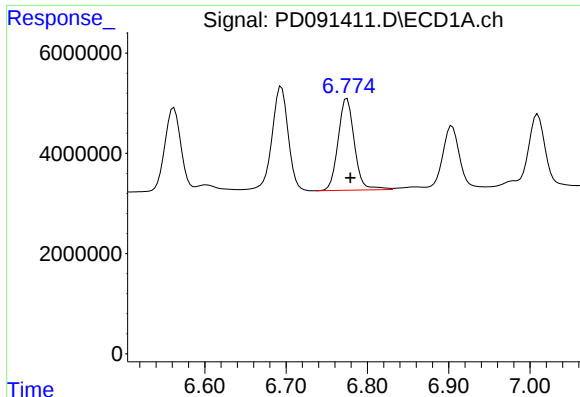
#14 Endrin

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 22703624
Conc: 4.57 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 264649405
Conc: 5.86 ng/ml



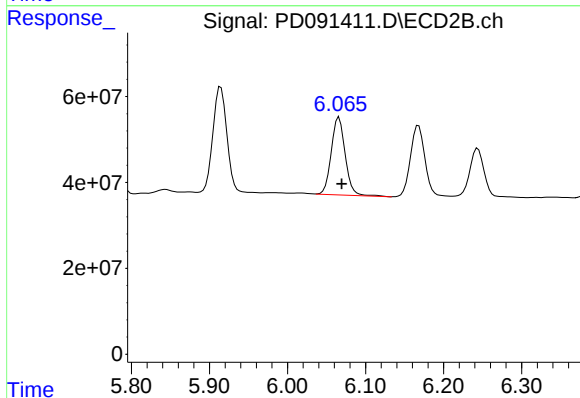
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 25538308
Conc: 4.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

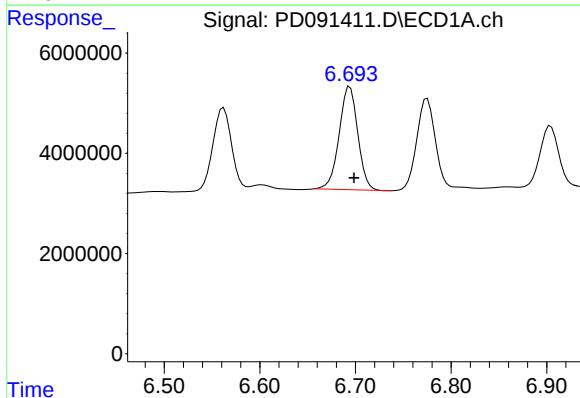
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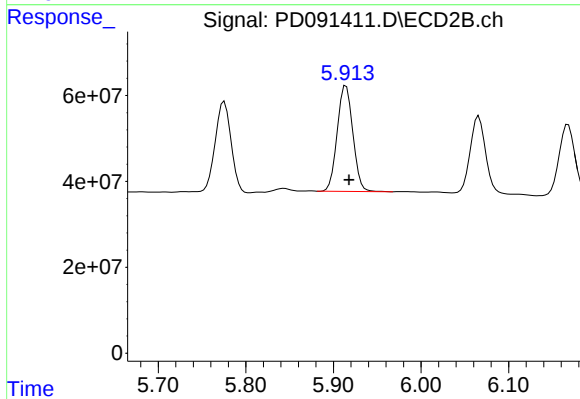
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 225321636
Conc: 4.83 ng/ml



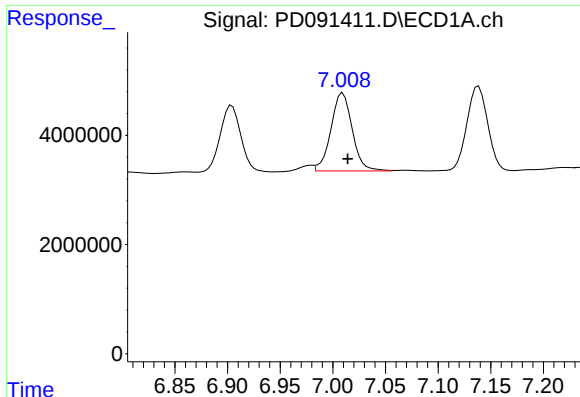
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.004 min
Response: 27896502
Conc: 5.68 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 305746482
Conc: 6.26 ng/ml



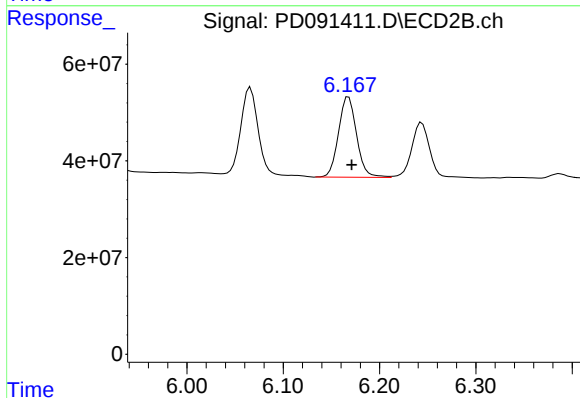
#17 4,4'-DDT

R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 20095272
Conc: 4.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

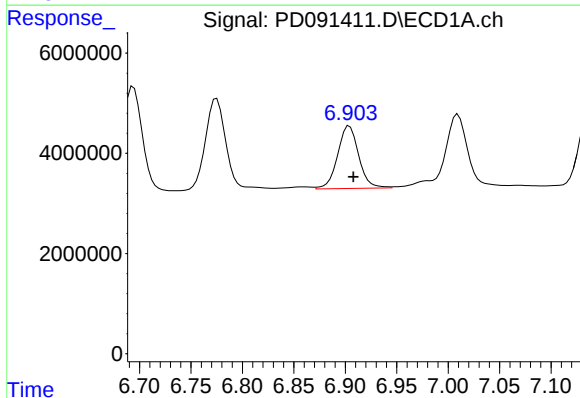
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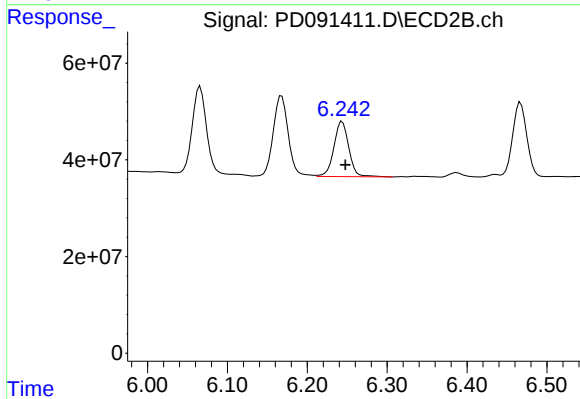
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 216472816
Conc: 5.53 ng/ml



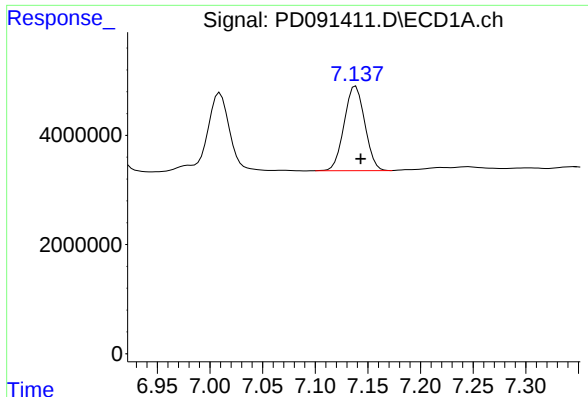
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 17872263
Conc: 4.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 146749813
Conc: 4.16 ng/ml



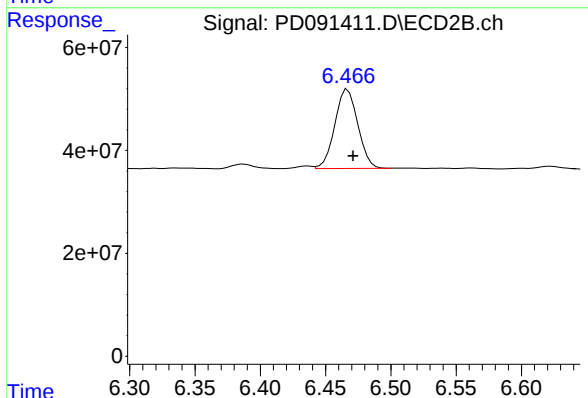
#19 Endosulfan Sulfate

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 21166286
Conc: 4.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

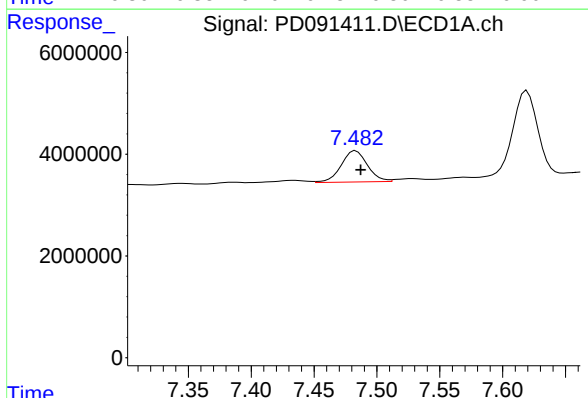
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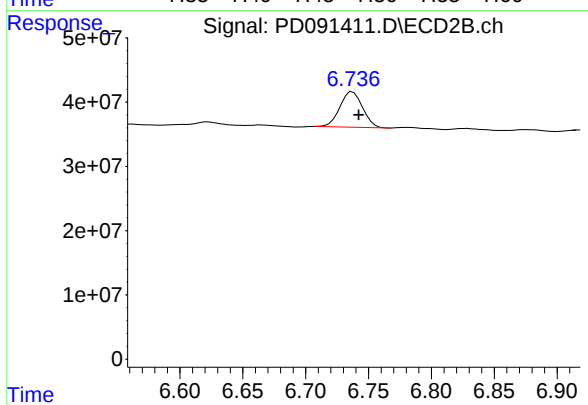
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 188448185
Conc: 4.20 ng/ml



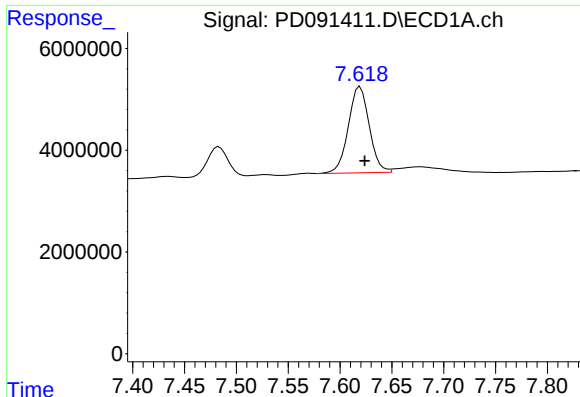
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 8925186
Conc: 4.10 ng/ml



#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 69316524
Conc: 3.46 ng/ml



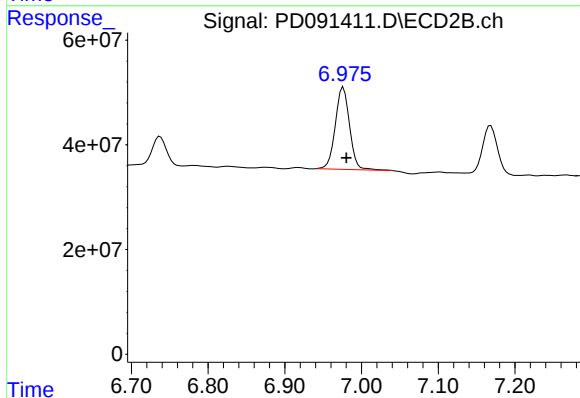
#21 Endrin ketone

R.T.: 7.618 min
Delta R.T.: -0.006 min
Response: 23909726
Conc: 4.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

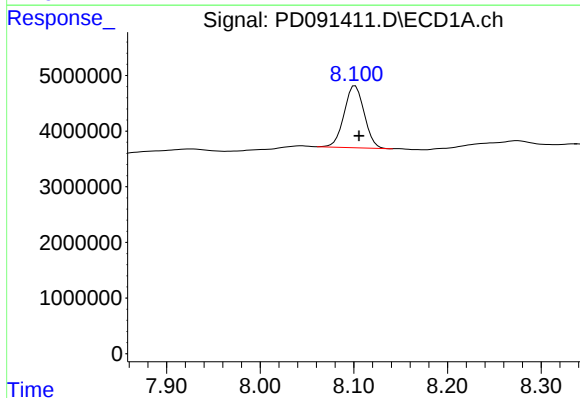
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



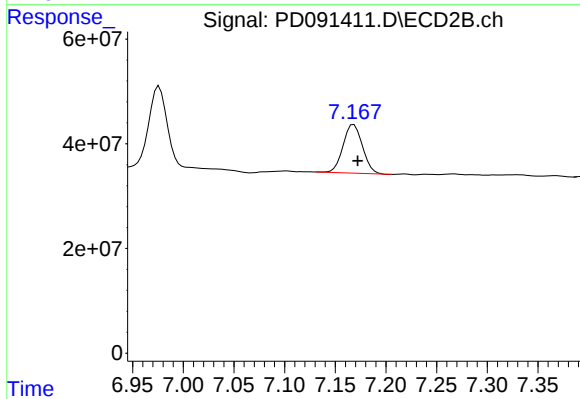
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 202591713
Conc: 3.98 ng/ml



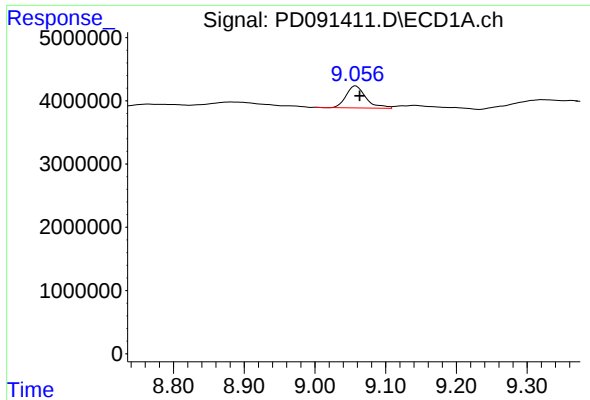
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.004 min
Response: 16656848
Conc: 4.68 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 123971952
Conc: 3.74 ng/ml



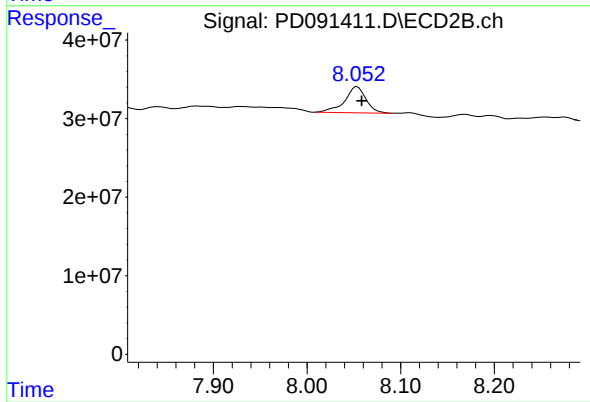
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.006 min
Response: 6713550
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.052 min
Delta R.T.: -0.006 min
Response: 52279612
Conc: 1.32 ng/ml m