

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
 Data File : PD088250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 15:46
 Operator : AR\AJ
 Sample : Q1858-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:33:56 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	2.884	34215186	256.7E6	17.130	17.555
2)	SA Decachlor...	9.074	8.077	48248982	242.8E6	14.585	13.139
Target Compounds							
2)	A alpha-BHC	4.001	3.396	191.9E6	968.7E6	44.509	42.371
3)	MA gamma-BHC...	4.332	3.732	184.9E6	868.2E6	44.154	40.307
4)	MA Heptachlor	4.932	4.086	158.9E6	805.6E6	39.342	37.649
5)	MB Aldrin	5.272	4.371	176.3E6	858.3E6	44.629m	41.260m
6)	B beta-BHC	4.517	4.028	64303169	414.1E6	39.611	44.747
7)	B delta-BHC	4.765	4.265	186.1E6	876.4E6	45.122	41.221
8)	B Heptachlo...	5.692	4.876	155.9E6	769.7E6	43.613	40.739
9)	A Endosulfan I	6.076	5.251	150.9E6	684.7E6	44.692	38.010
10)	B gamma-Chl...	5.947	5.129	161.1E6	862.0E6	44.484	42.470
11)	B alpha-Chl...	6.029	5.193	160.2E6	813.8E6	44.387	41.512
12)	B 4,4'-DDE	6.197	5.379	129.9E6	765.9E6	39.391	38.888
13)	MA Dieldrin	6.348	5.516	157.1E6	814.1E6	44.014	40.844
14)	MA Endrin	6.576	5.792	124.9E6	726.5E6	41.891	39.911
15)	B Endosulfa...	6.787	6.082	128.9E6	682.3E6	41.226	38.939m
16)	A 4,4'-DDD	6.706	5.932	111.8E6	636.4E6	44.453	38.840
17)	MA 4,4'-DDT	7.021	6.185	97969975	518.4E6	35.272m	30.467m
18)	B Endrin al...	6.916	6.260	98410377	497.8E6	42.639	37.428m
19)	B Endosulfa...	7.150	6.484	119.4E6	627.9E6	41.517	36.649
20)	A Methoxychlor	7.493	6.757	51186518	292.6E6	34.135m	32.080
21)	B Endrin ke...	7.631	6.994	118.1E6	619.3E6	38.249	33.112
22)	Mirex	8.113	7.189	98282939	497.5E6	41.852m	33.567

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
Data File : PD088250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 15:46
Operator : AR\AJ
Sample : Q1858-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

COMP-2MS

Manual Integrations

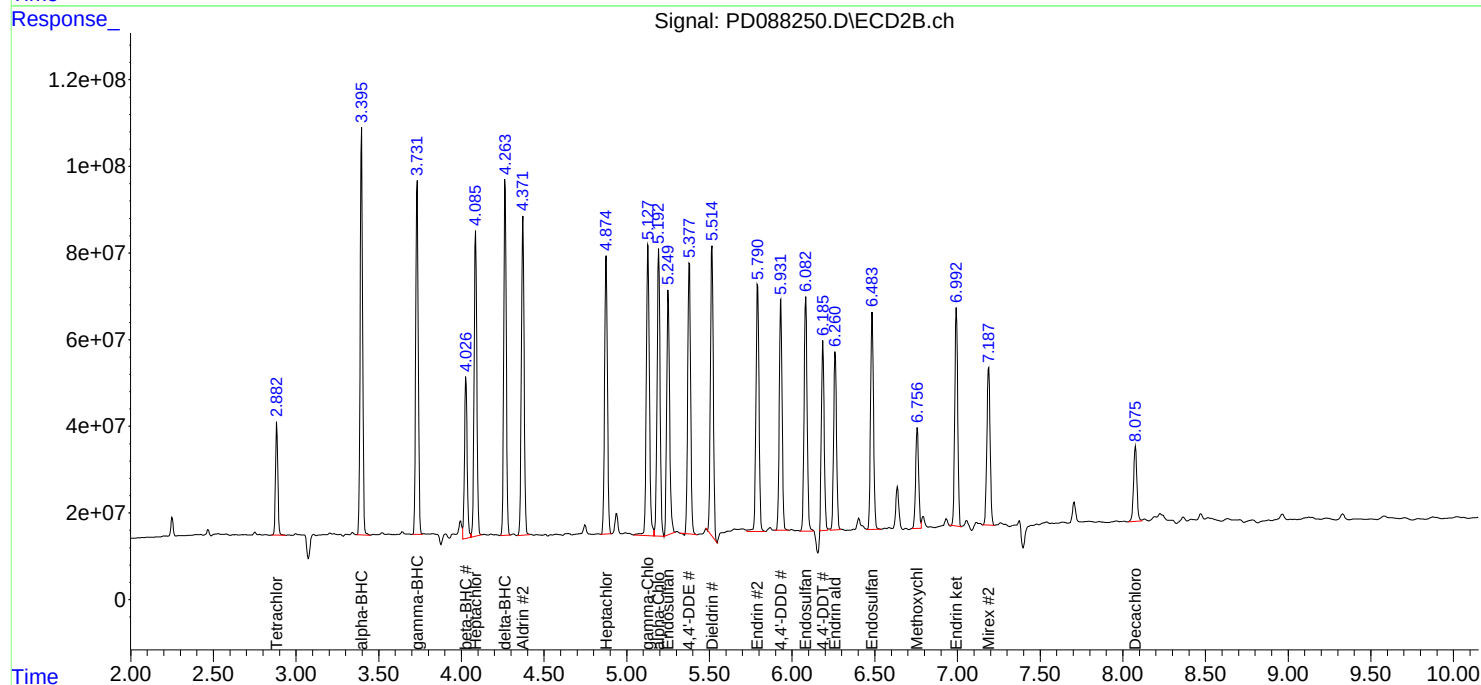
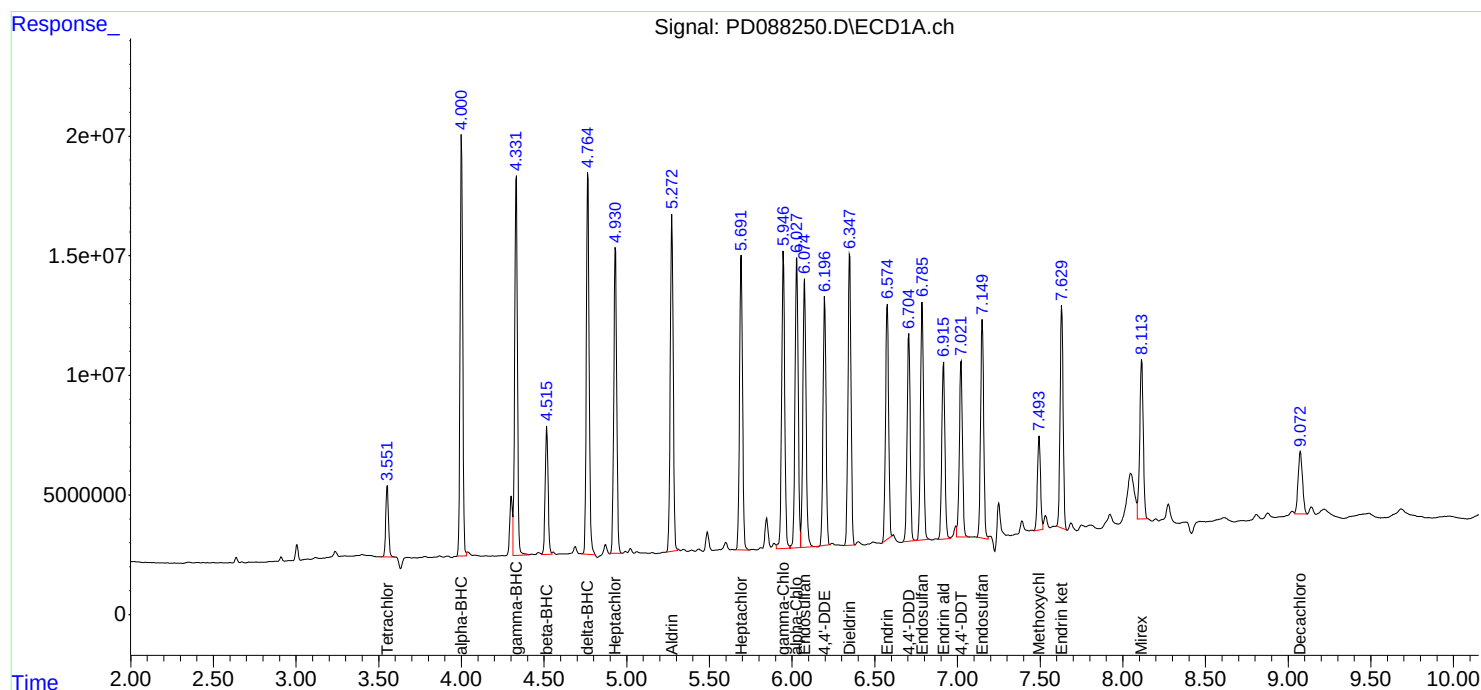
APPROVED

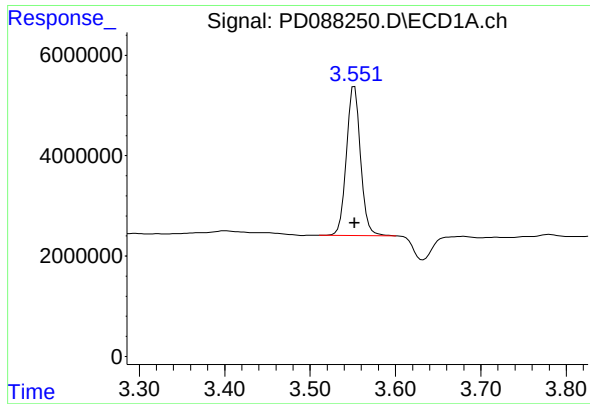
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:33:56 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





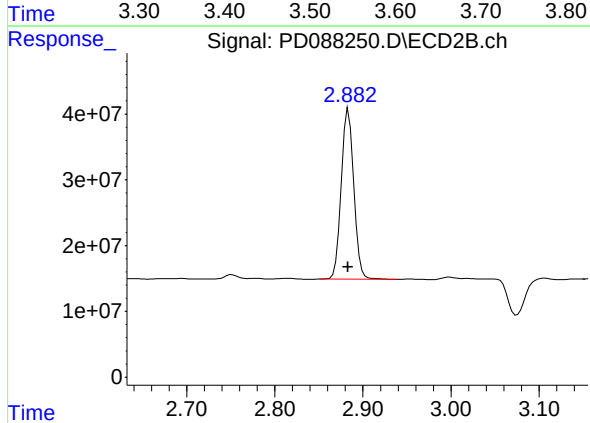
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 34215186
Conc: 17.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

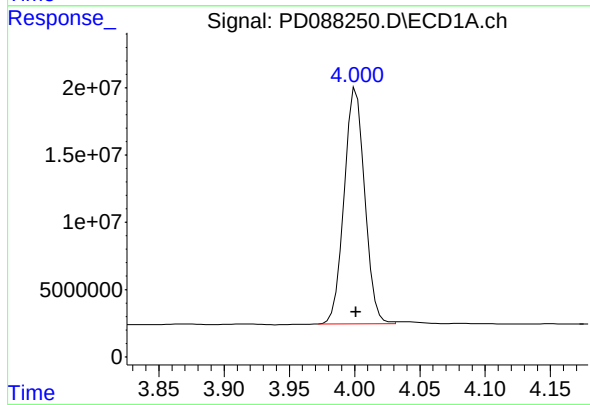
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



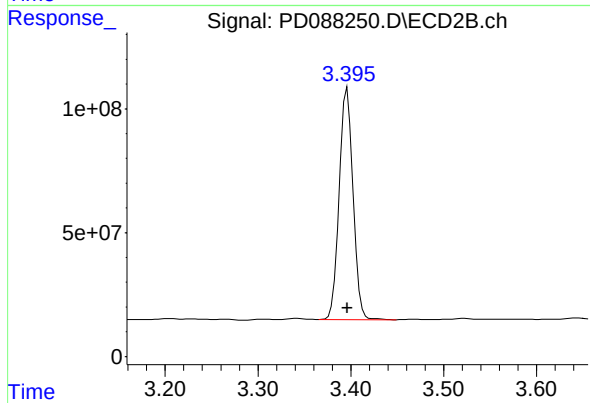
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 256684937
Conc: 17.56 ng/ml



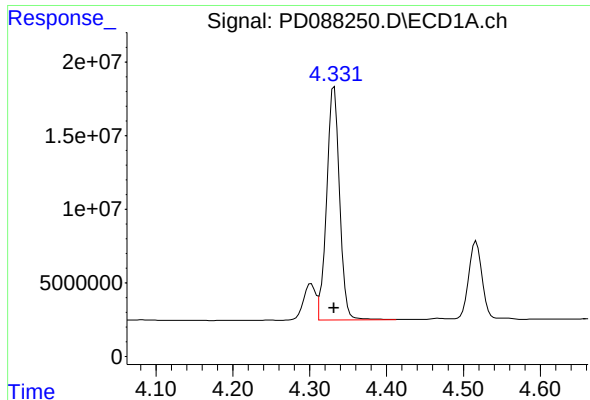
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 191920601
Conc: 44.51 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 968663984
Conc: 42.37 ng/ml



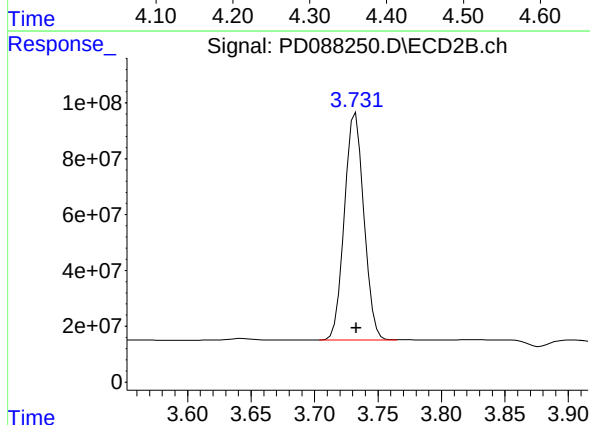
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 184895196
Conc: 44.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

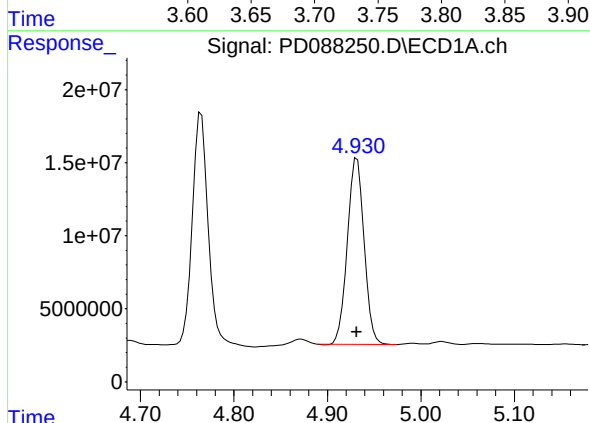
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



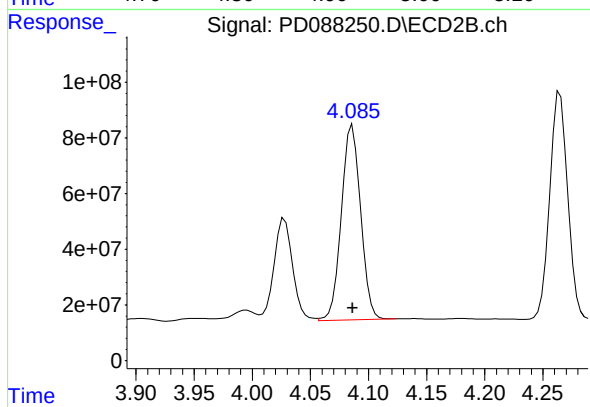
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 868158658
Conc: 40.31 ng/ml



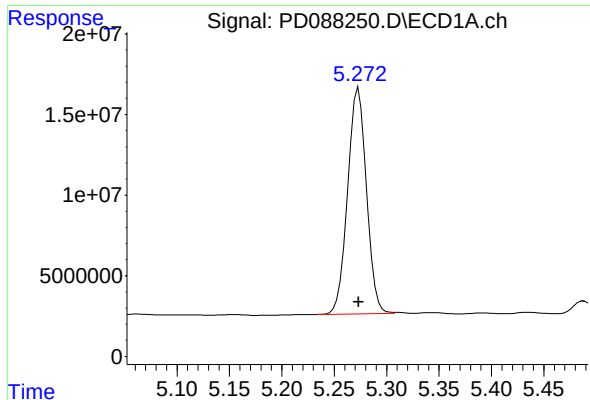
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 158899350
Conc: 39.34 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 805621237
Conc: 37.65 ng/ml



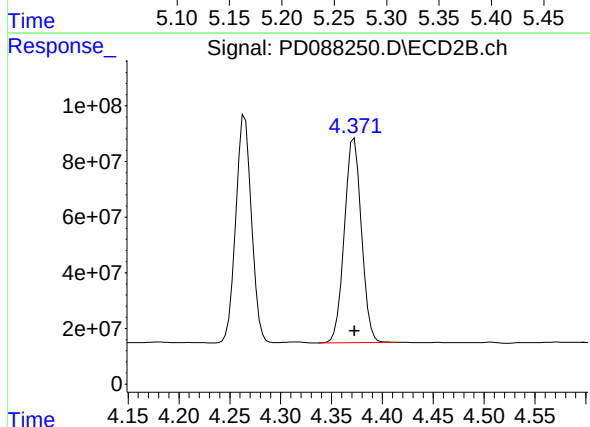
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 176266082
Conc: 44.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

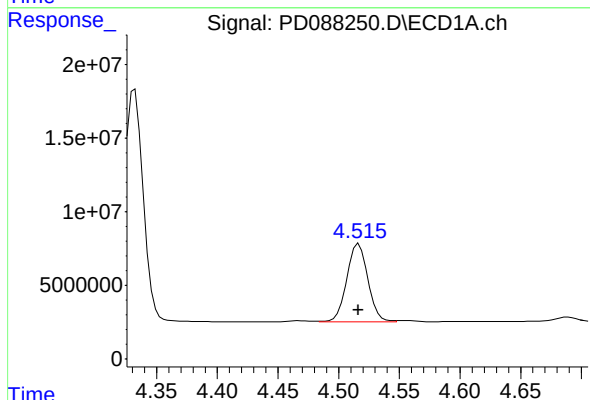
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



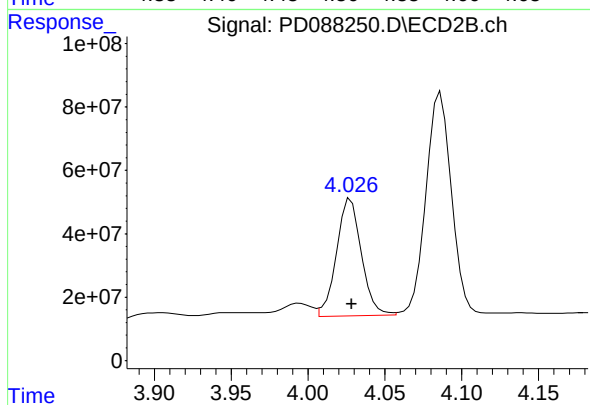
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 858322670
Conc: 41.26 ng/ml



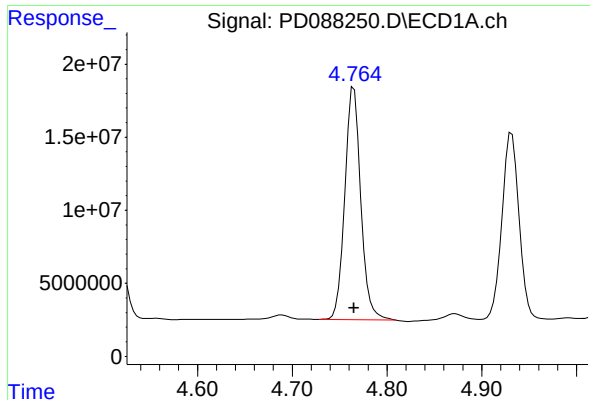
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 64303169
Conc: 39.61 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 414095079
Conc: 44.75 ng/ml



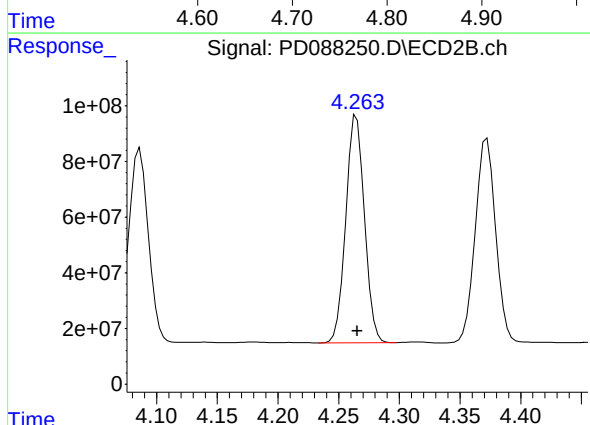
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 186126680
Conc: 45.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

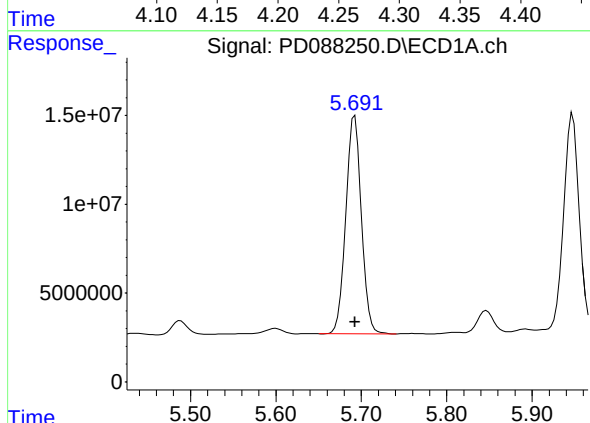
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



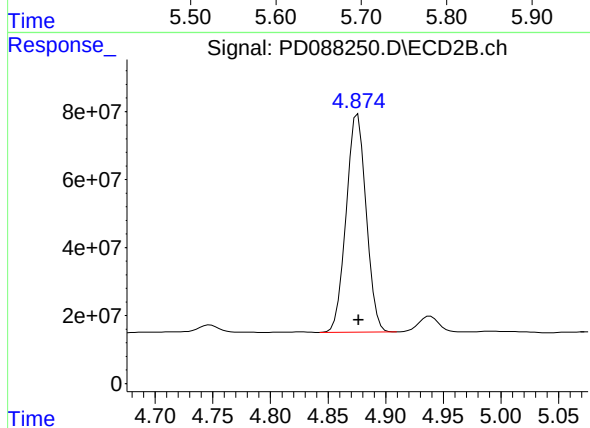
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 876415302
Conc: 41.22 ng/ml



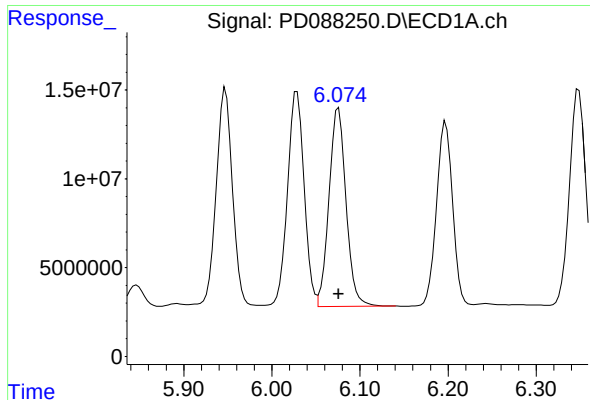
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 155869069
Conc: 43.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 769735498
Conc: 40.74 ng/ml



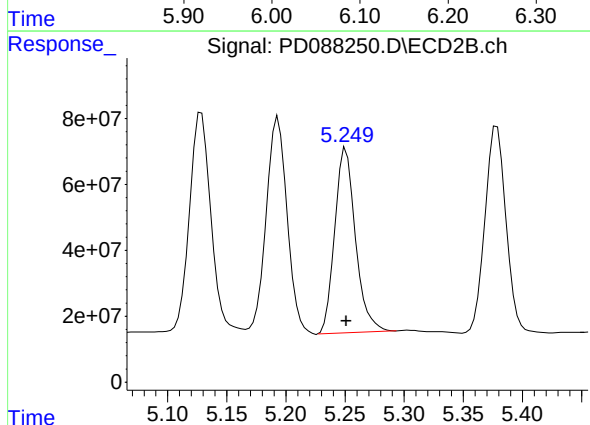
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 150931951
Conc: 44.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

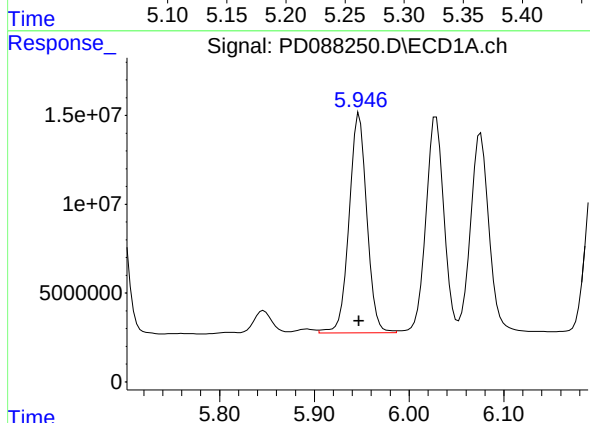
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



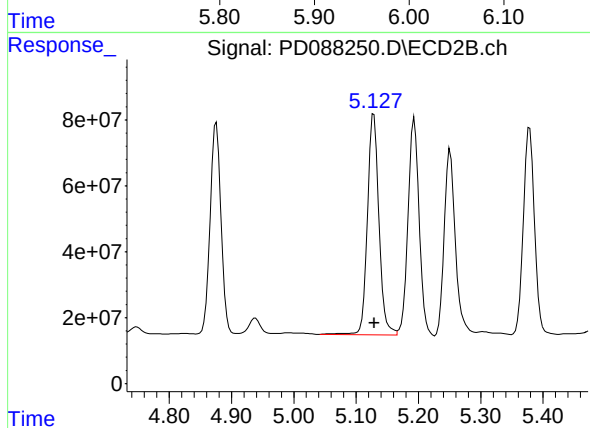
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 684657175
Conc: 38.01 ng/ml



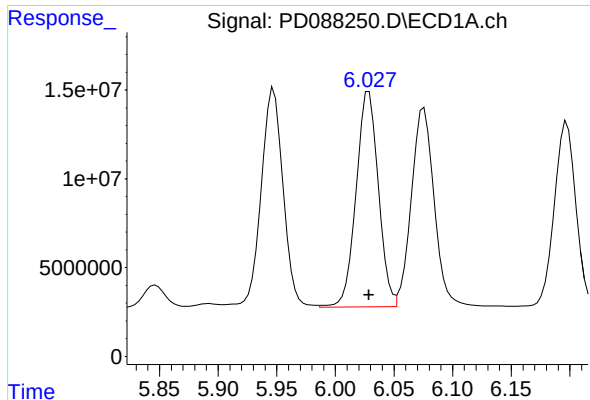
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 161124502
Conc: 44.48 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 861979801
Conc: 42.47 ng/ml



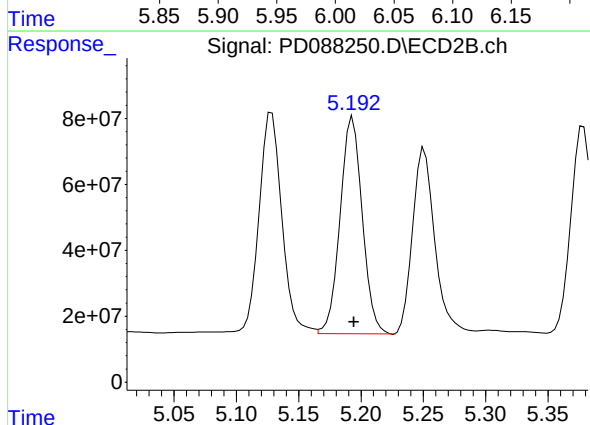
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 160219845
Conc: 44.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

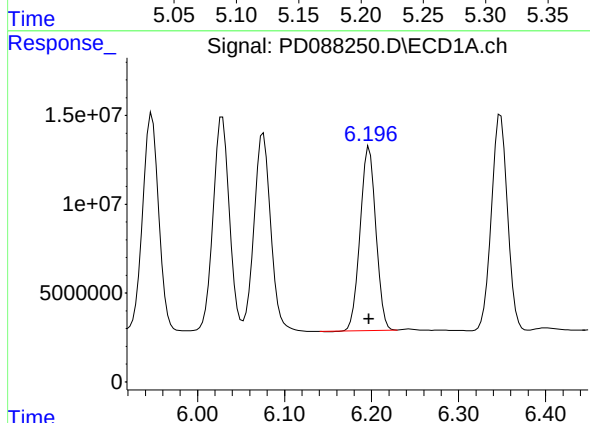
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



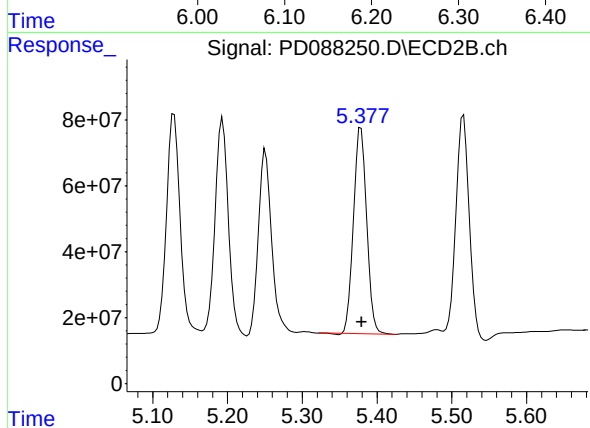
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 813757559
Conc: 41.51 ng/ml



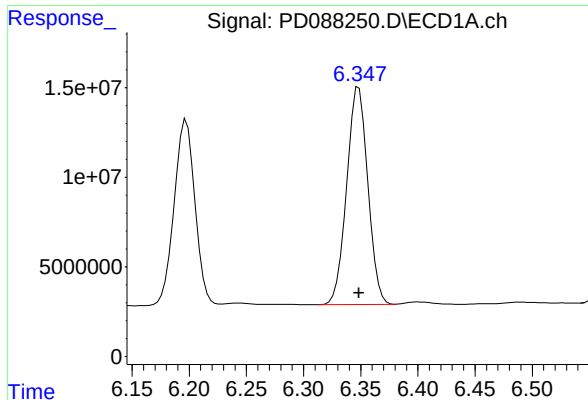
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 129920576
Conc: 39.39 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: -0.001 min
Response: 765863630
Conc: 38.89 ng/ml



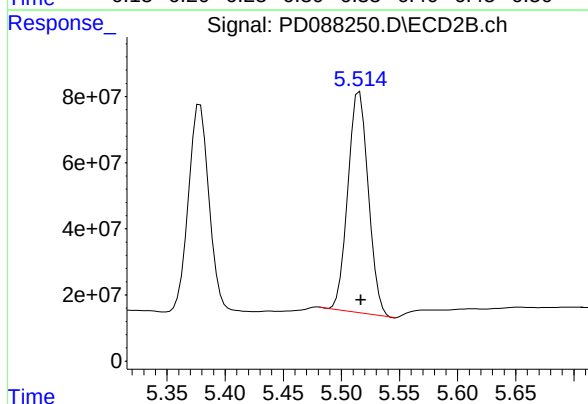
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 157063270
Conc: 44.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

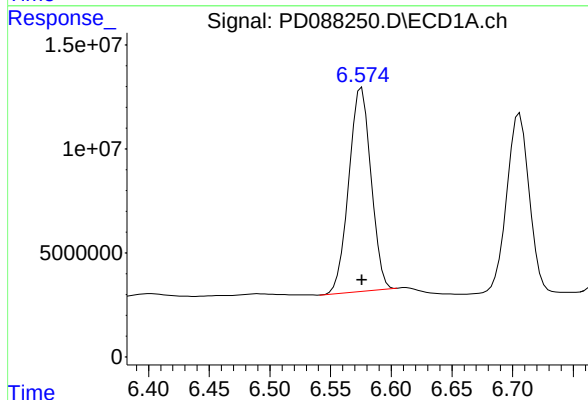
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



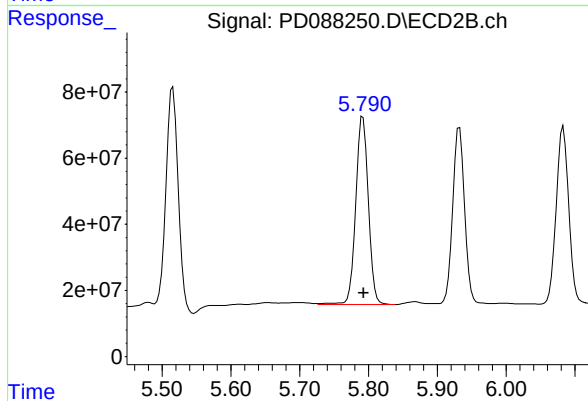
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 814132698
Conc: 40.84 ng/ml



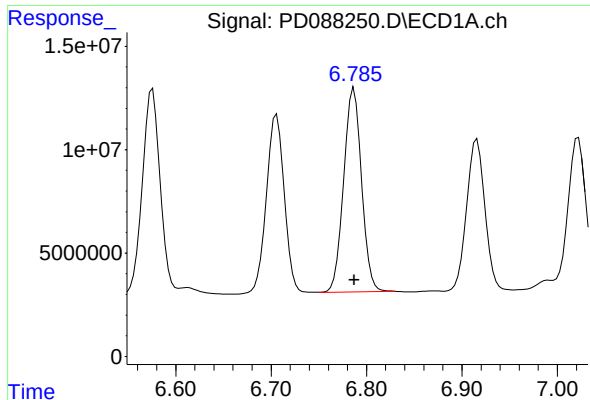
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 124943013
Conc: 41.89 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 726467917
Conc: 39.91 ng/ml



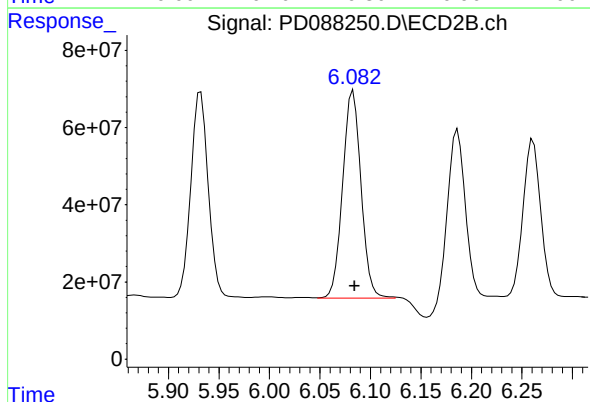
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 128882051
Conc: 41.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

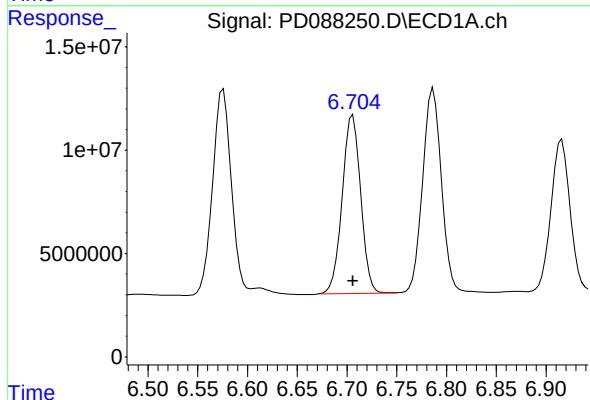
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



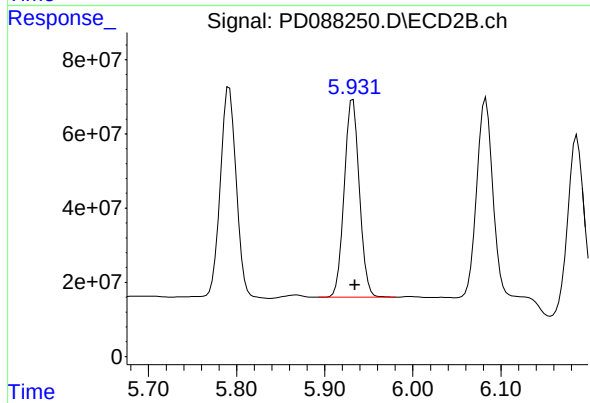
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.003 min
Response: 682271471
Conc: 38.94 ng/ml m



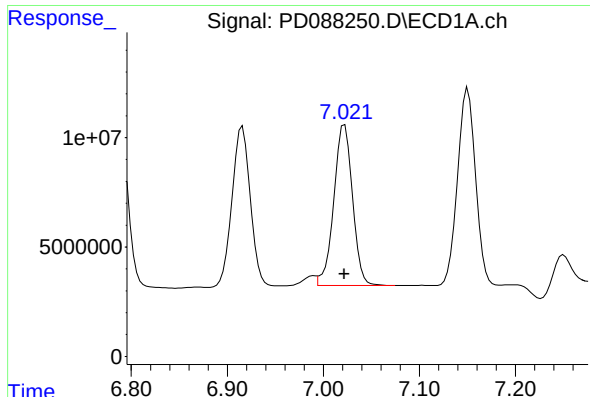
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 111796668
Conc: 44.45 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 636444142
Conc: 38.84 ng/ml



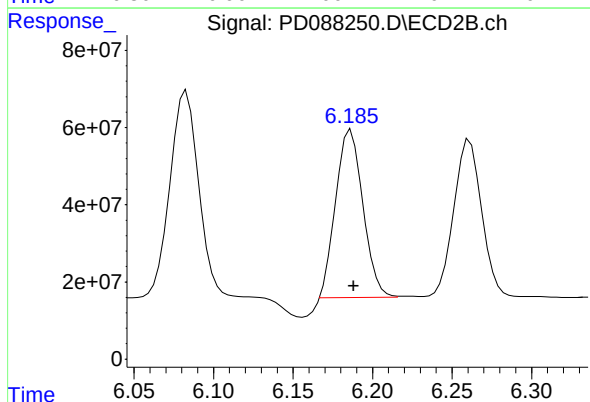
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 97969975
Conc: 35.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

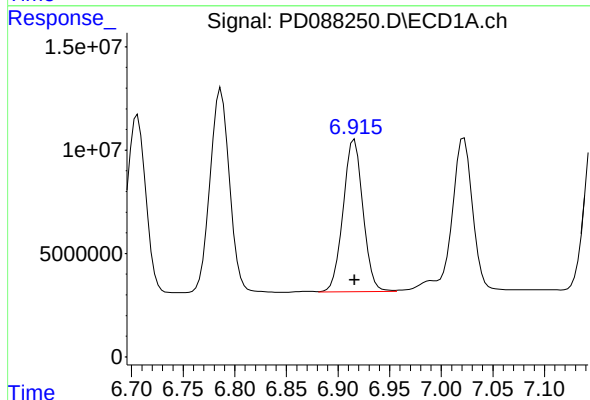
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



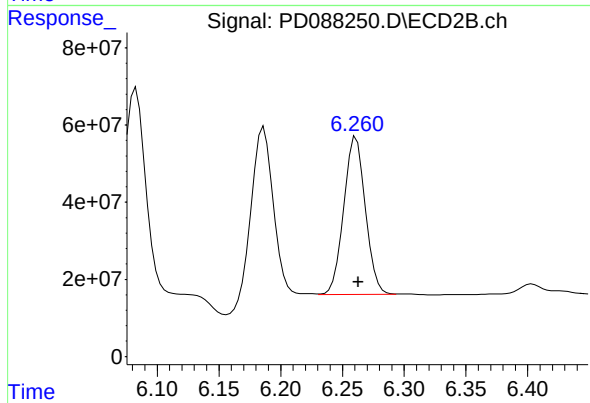
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 518438185
Conc: 30.47 ng/ml m



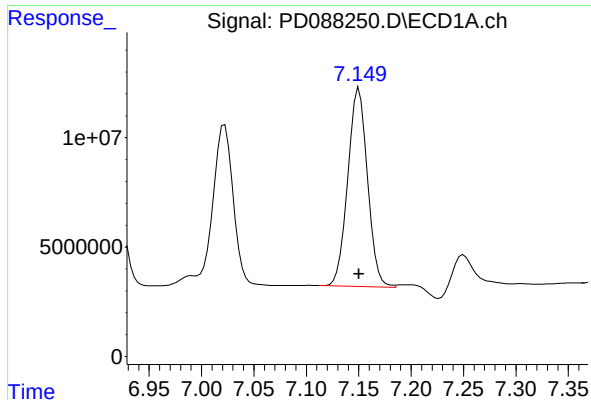
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 98410377
Conc: 42.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 497833030
Conc: 37.43 ng/ml m



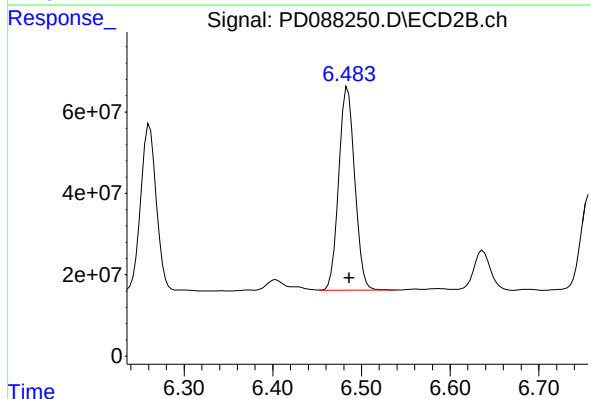
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 119395515
Conc: 41.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

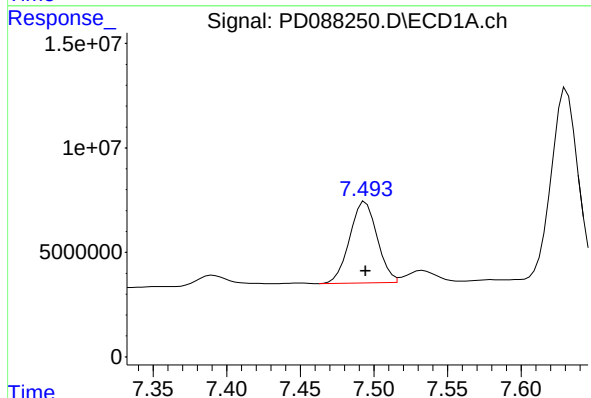
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



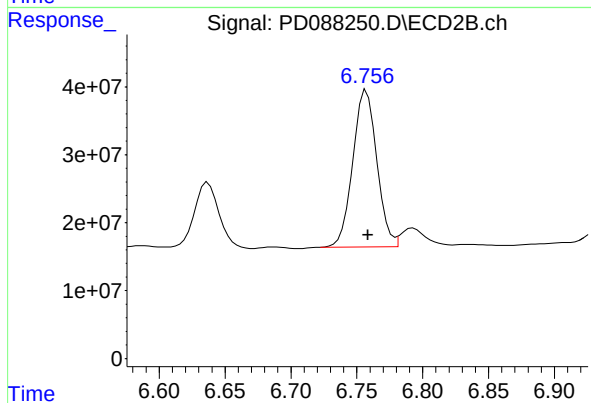
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 627908470
Conc: 36.65 ng/ml



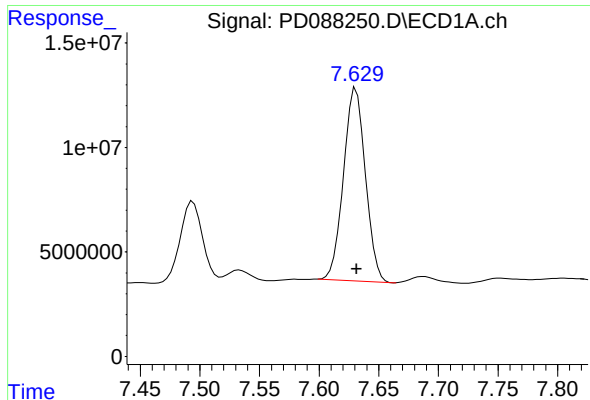
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.002 min
Response: 51186518
Conc: 34.13 ng/ml m



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 292606903
Conc: 32.08 ng/ml



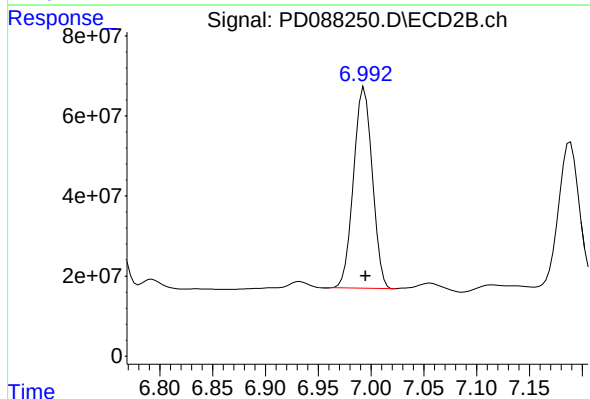
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 118057072
Conc: 38.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

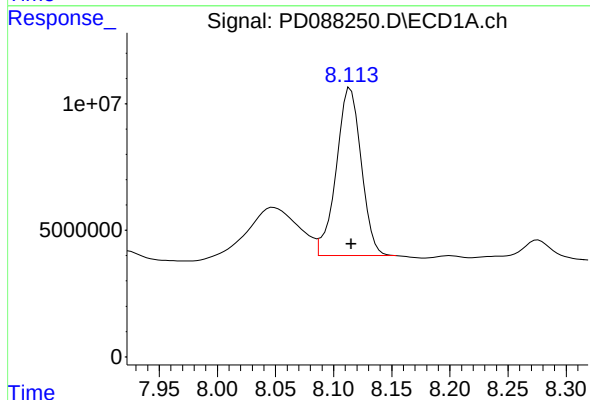
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



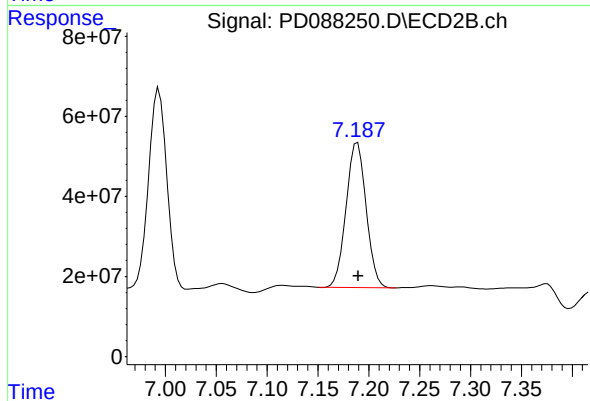
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 619332074
Conc: 33.11 ng/ml



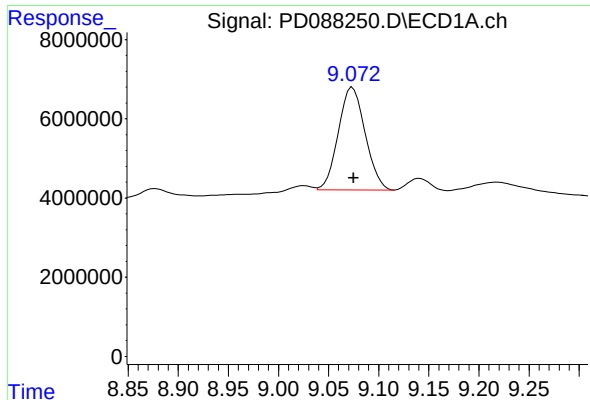
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 98282939
Conc: 41.85 ng/ml m



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 497495429
Conc: 33.57 ng/ml



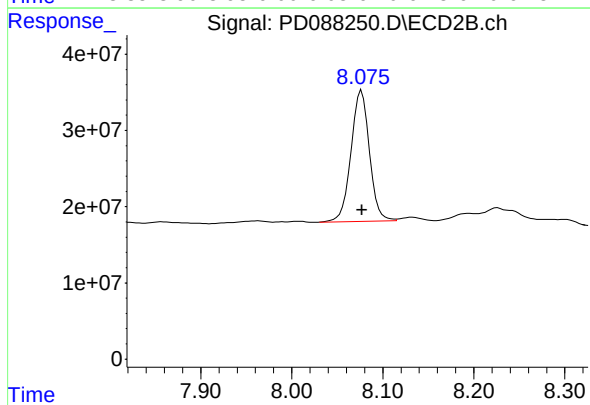
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 48248982
Conc: 14.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-2MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 242808648
Conc: 13.14 ng/ml