

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112525\
 Data File : PD091355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2025 19:11
 Operator : AR\AJ
 Sample : Q3707-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 V933MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:06:08 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	2.872	69658526	820.6E6	20.199m	22.401
28)	SA Decachlor...	9.059	8.056	98843539	855.7E6	19.841	21.621
Target Compounds							
2)	A alpha-BHC	3.990	3.383	395.1E6	3259.4E6	49.414	51.570
3)	MA gamma-BHC...	4.321	3.719	364.3E6	2981.1E6	48.745	51.557
4)	MA Heptachlor	4.918	4.071	349.8E6	2865.1E6	48.846	51.895
5)	MB Aldrin	5.260	4.356	352.5E6	2970.1E6	48.581	52.607
6)	B beta-BHC	4.509	4.015	140.5E6	1265.8E6	48.367	52.682
7)	B delta-BHC	4.757	4.251	364.0E6	3004.6E6	48.971	51.381
8)	B Heptachlo...	5.680	4.860	313.8E6	2684.5E6	48.309	52.680
9)	A Endosulfan I	6.064	5.233	296.6E6	2550.5E6	48.276	53.301
10)	B gamma-Chl...	5.936	5.111	318.4E6	2909.8E6	48.985	53.266m
11)	B alpha-Chl...	6.016	5.177	315.4E6	2802.7E6	45.822	53.557
12)	B 4,4'-DDE	6.186	5.361	281.7E6	2823.9E6	48.581	52.841
13)	MA Dieldrin	6.336	5.499	316.2E6	2851.6E6	48.916	52.505
14)	MA Endrin	6.564	5.776	262.8E6	2491.6E6	52.938	55.134
15)	B Endosulfa...	6.777	6.067	264.7E6	2469.7E6	47.622	52.906
16)	A 4,4'-DDD	6.696	5.915	231.5E6	2331.5E6	47.135	47.710
17)	MA 4,4'-DDT	7.012	6.169	210.2E6	2219.7E6	50.833	56.724
18)	B Endrin al...	6.906	6.246	181.1E6	1688.5E6	43.471	47.846
19)	B Endosulfa...	7.140	6.469	239.0E6	2321.7E6	46.463	51.782
20)	A Methoxychlor	7.484	6.739	105.8E6	1072.7E6	48.681	53.498
21)	B Endrin ke...	7.621	6.978	267.9E6	2621.4E6	47.561	51.444
22)	Mirex	8.103	7.170	163.8E6	1687.3E6	46.048	50.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112525\
Data File : PD091355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2025 19:11
Operator : AR\AJ
Sample : Q3707-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

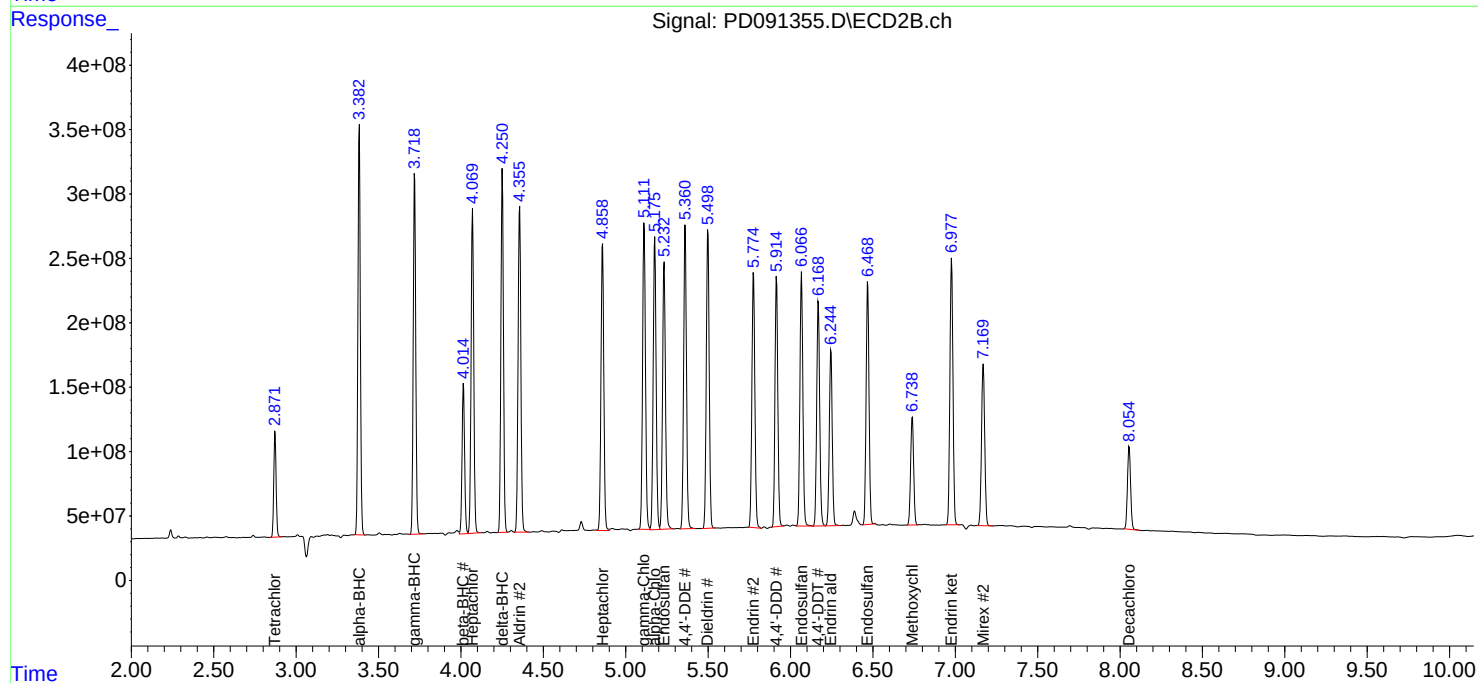
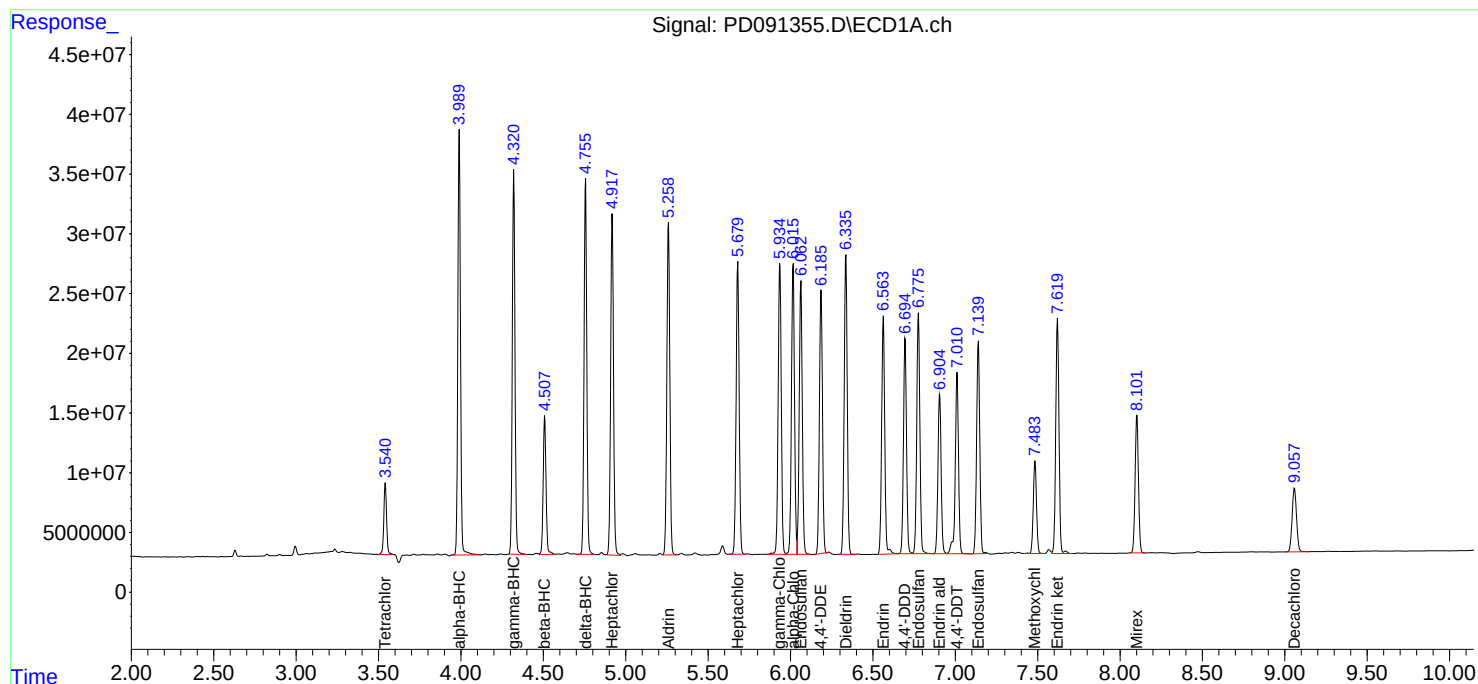
Instrument :
ECD_D
ClientSampleId :
V933MSD

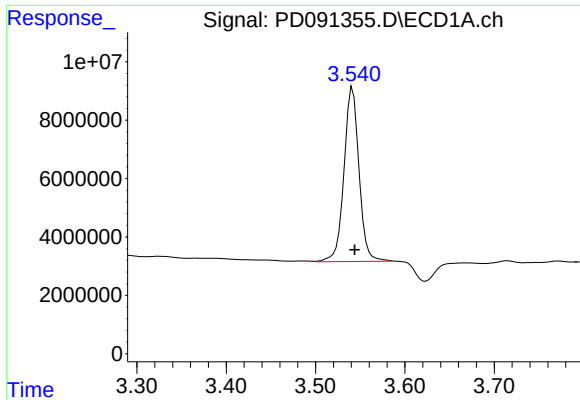
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:06:08 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





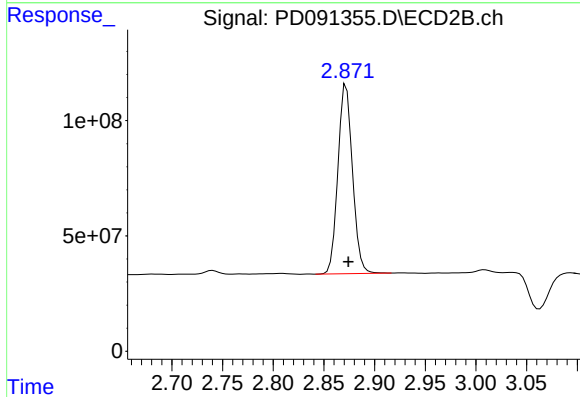
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 69658526
Conc: 20.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

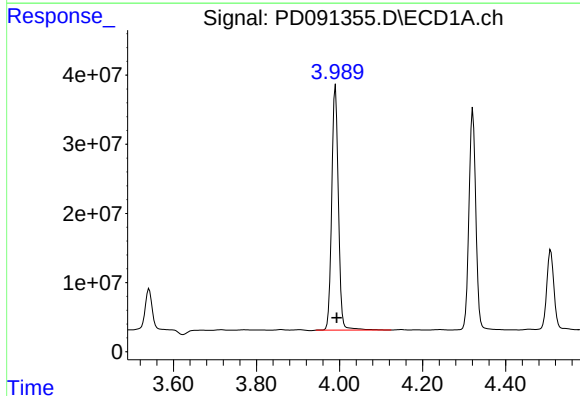
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



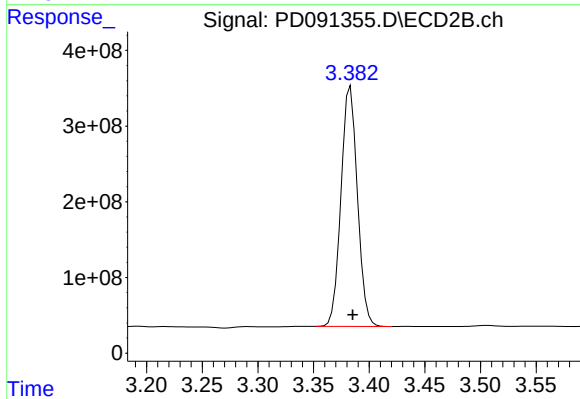
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 820550927
Conc: 22.40 ng/ml



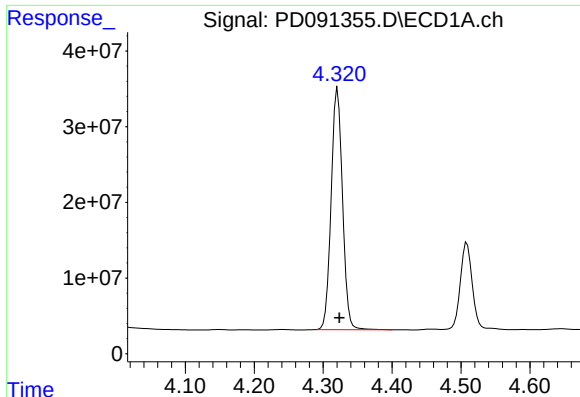
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 395086542
Conc: 49.41 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3259368081
Conc: 51.57 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 364263754
Conc: 48.74 ng/ml

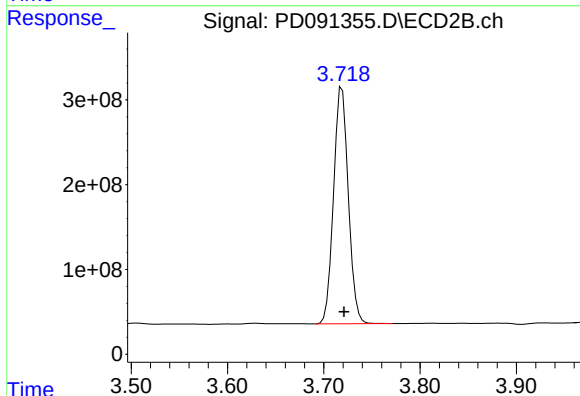
Instrument :

ECD_D

ClientSampleId :
V933MSD

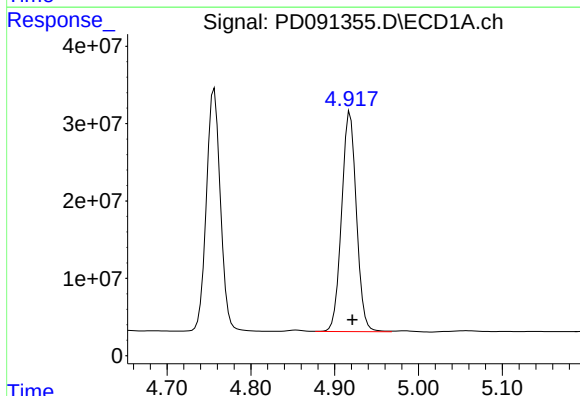
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



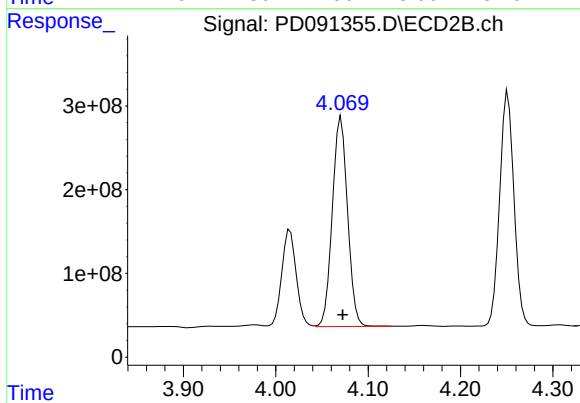
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2981101358
Conc: 51.56 ng/ml



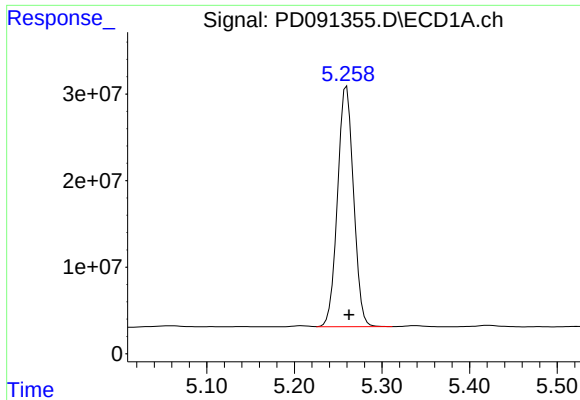
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 349825388
Conc: 48.85 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2865080289
Conc: 51.89 ng/ml



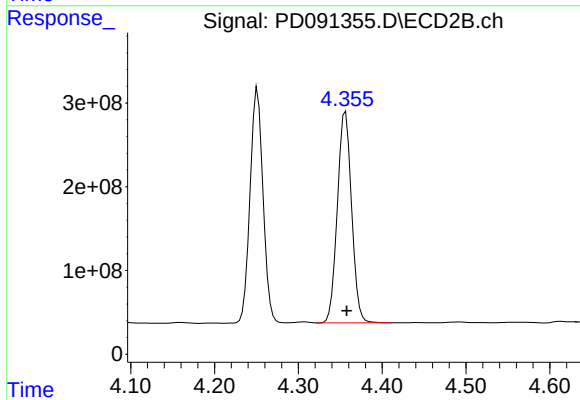
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 352524319
Conc: 48.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

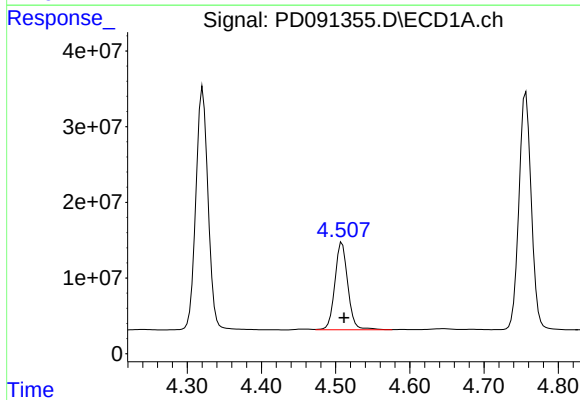
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



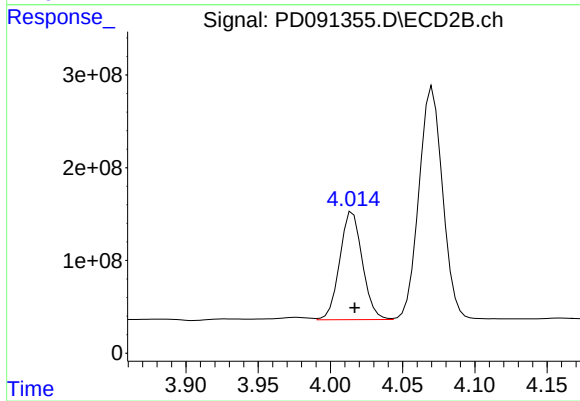
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 2970102315
Conc: 52.61 ng/ml



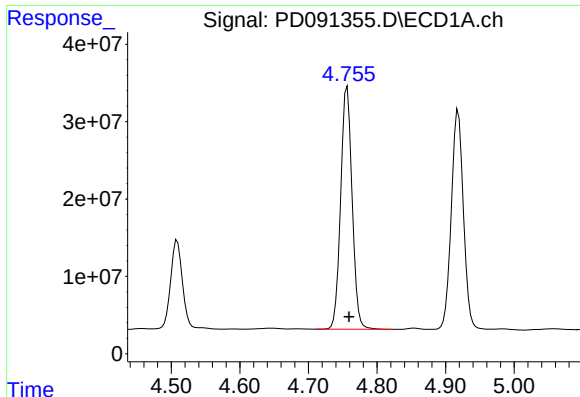
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 140529665
Conc: 48.37 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1265781874
Conc: 52.68 ng/ml



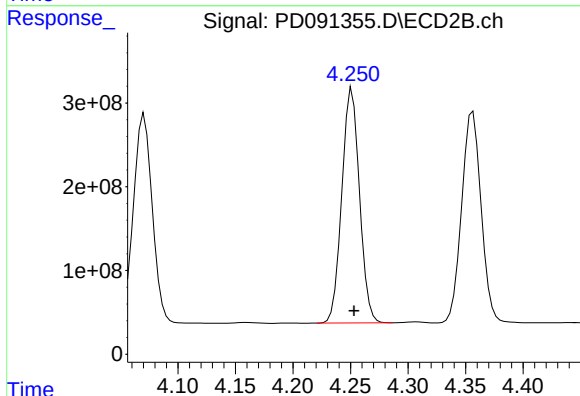
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 363955356
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

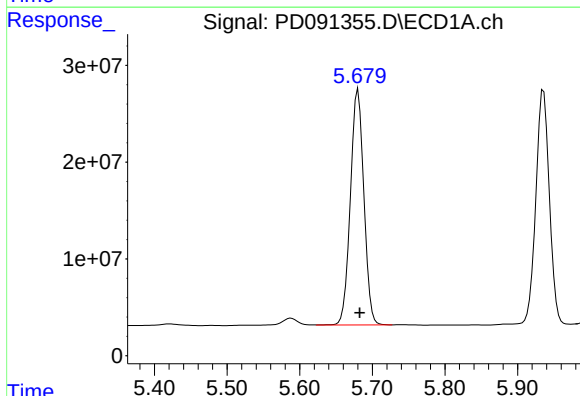
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



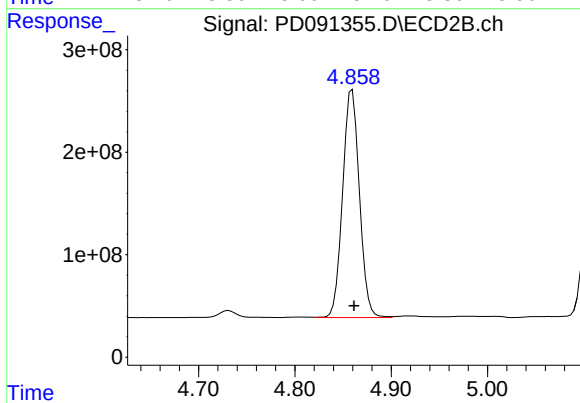
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 3004609192
Conc: 51.38 ng/ml



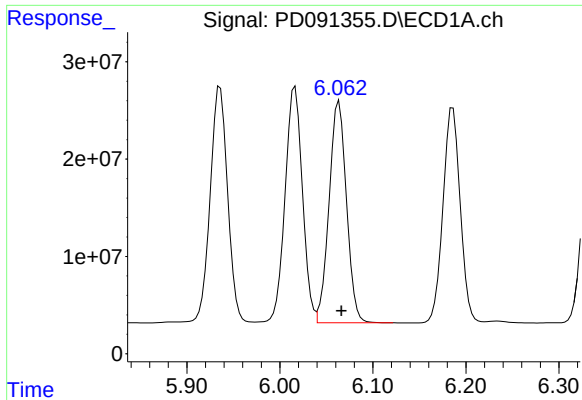
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 313849666
Conc: 48.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 2684518318
Conc: 52.68 ng/ml



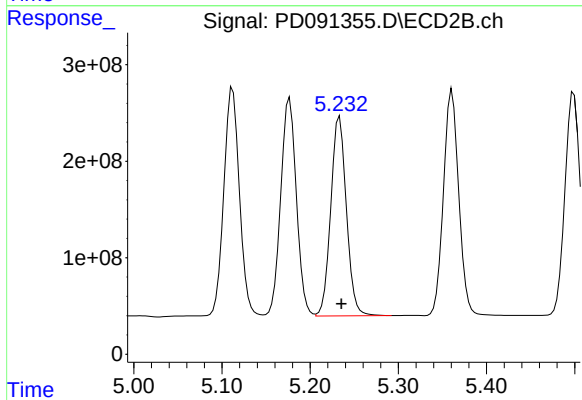
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 296558307
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

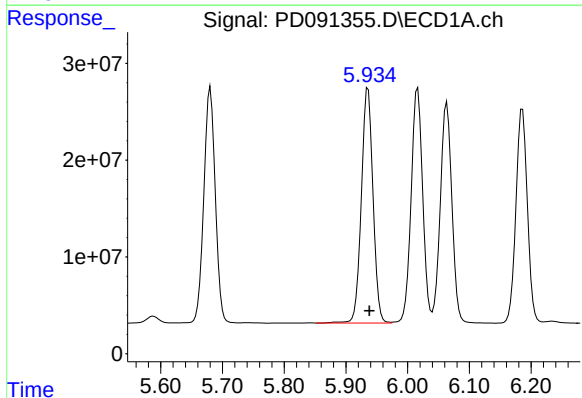
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



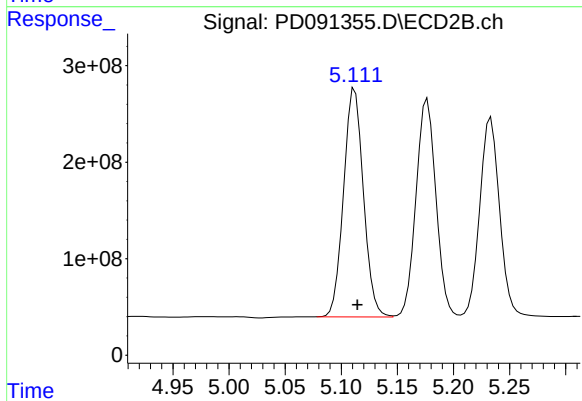
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 2550546577
Conc: 53.30 ng/ml



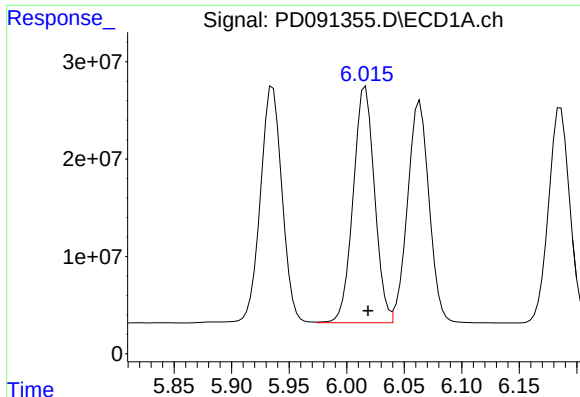
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 318442155
Conc: 48.99 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 2909778234
Conc: 53.27 ng/ml m



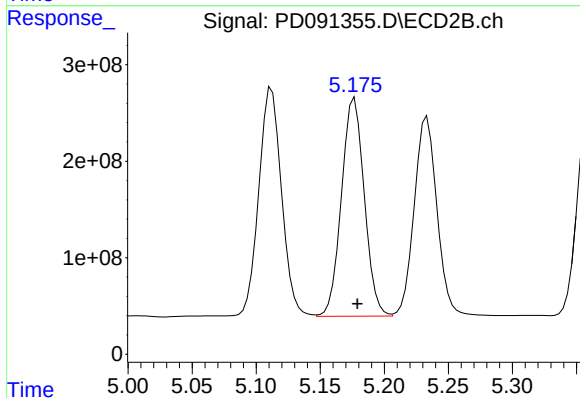
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 315384390
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

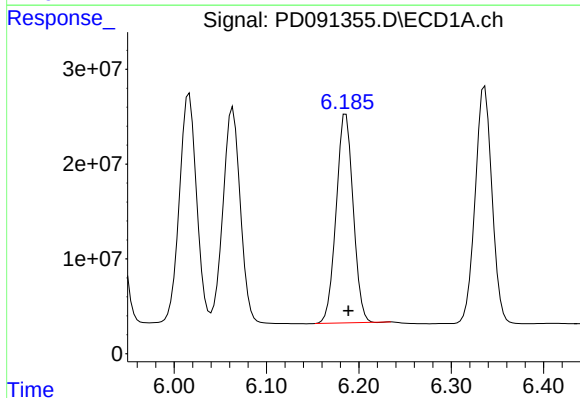
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



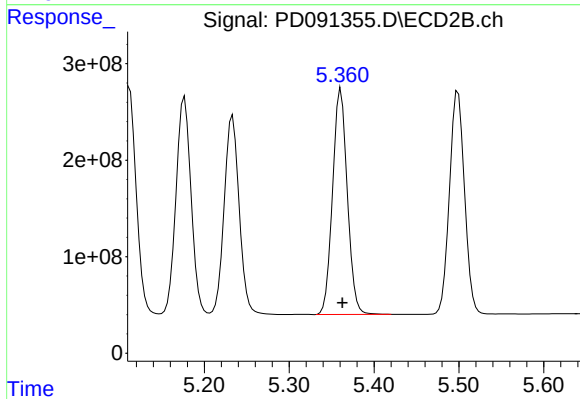
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2802726097
Conc: 53.56 ng/ml



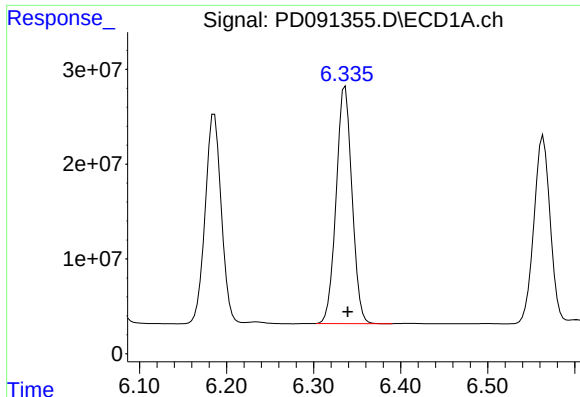
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 281741170
Conc: 48.58 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2823938510
Conc: 52.84 ng/ml



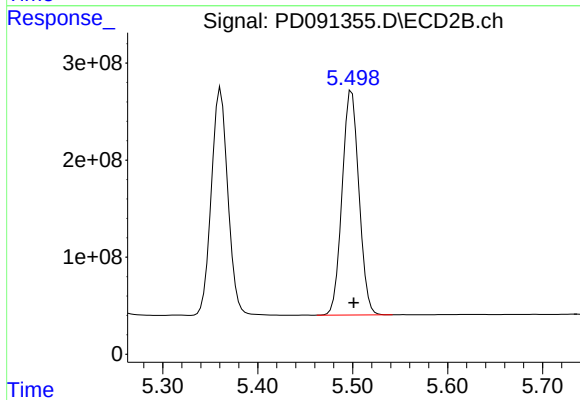
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 316236412
Conc: 48.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

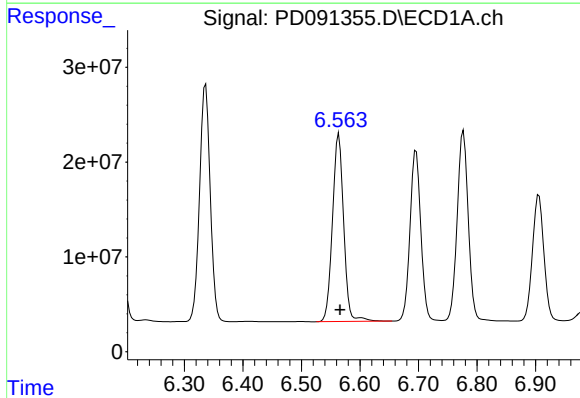
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



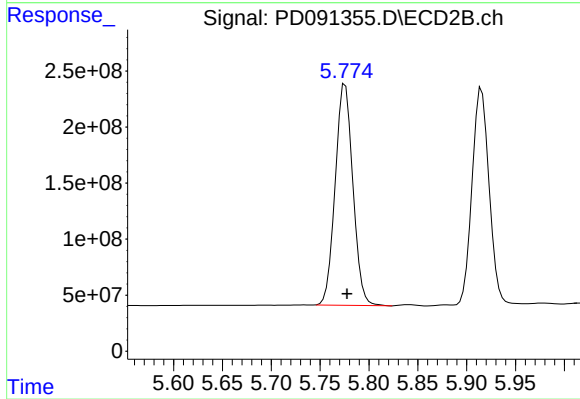
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 2851609041
Conc: 52.51 ng/ml



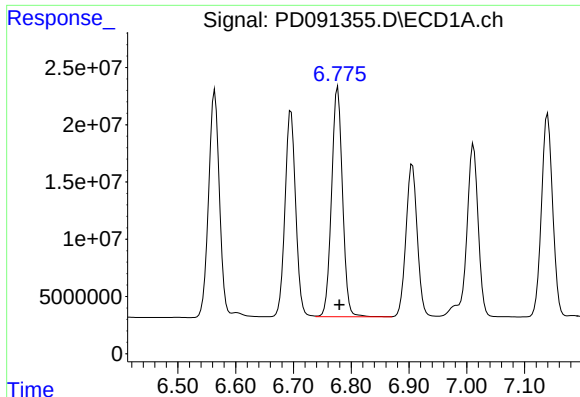
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 262758790
Conc: 52.94 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 2491643366
Conc: 55.13 ng/ml



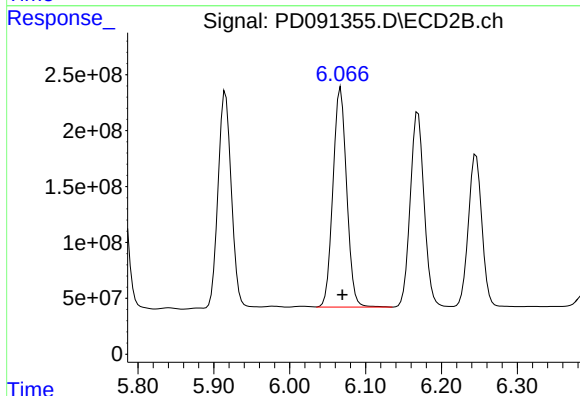
#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.003 min
Response: 264747384
Conc: 47.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

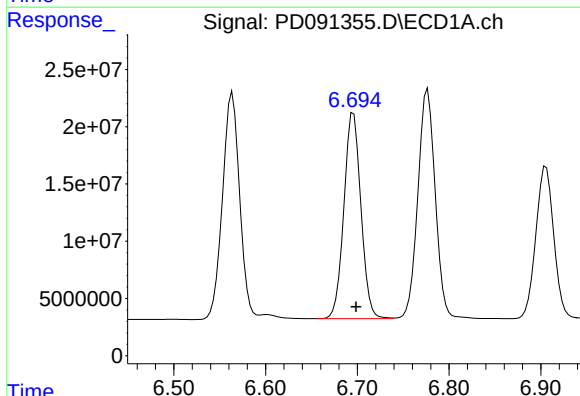
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



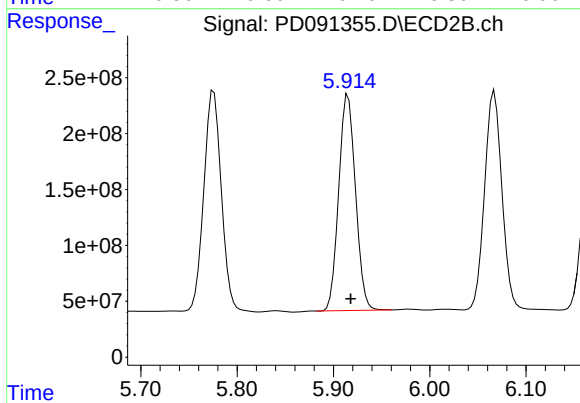
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 2469656238
Conc: 52.91 ng/ml



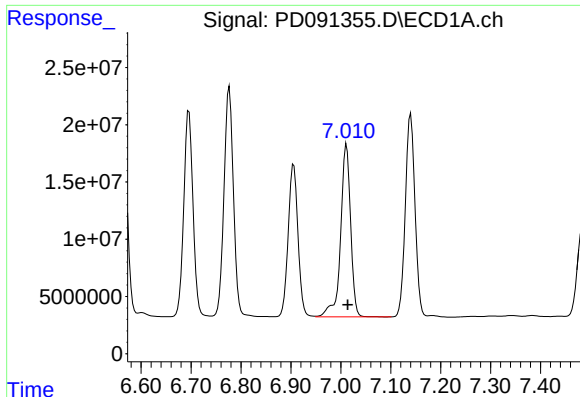
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 231503831
Conc: 47.13 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2331537582
Conc: 47.71 ng/ml



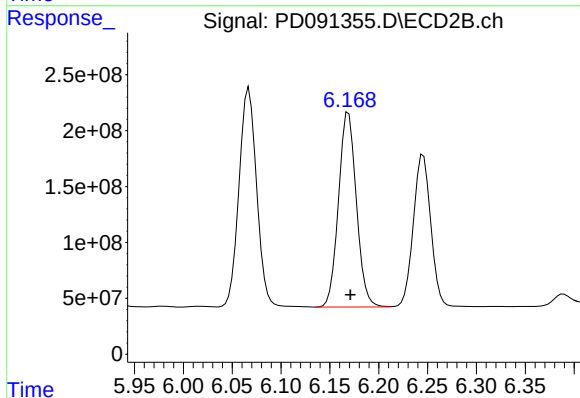
#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 210221699
Conc: 50.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

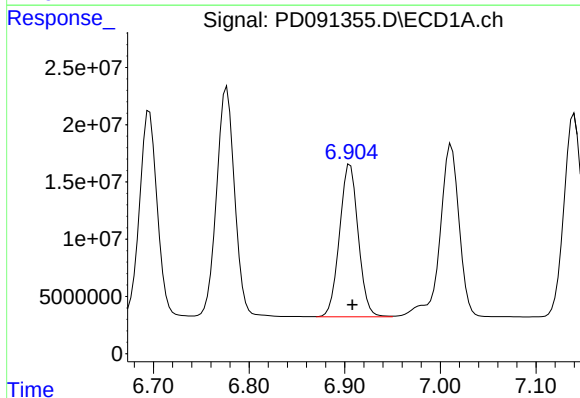
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



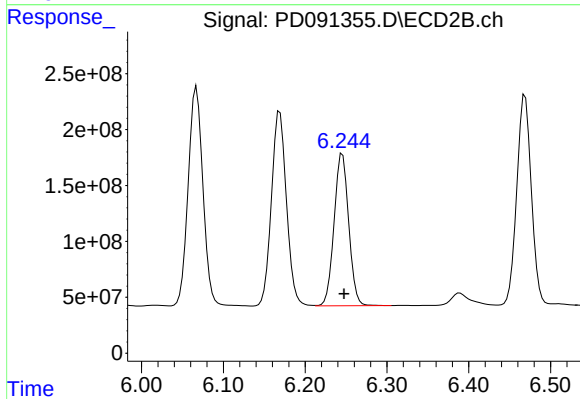
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 2219748405
Conc: 56.72 ng/ml



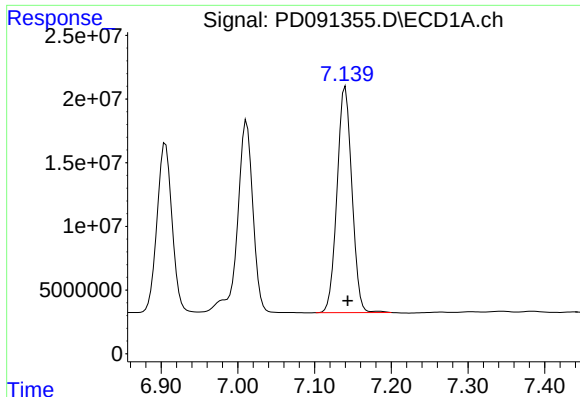
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 181100614
Conc: 43.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1688451723
Conc: 47.85 ng/ml



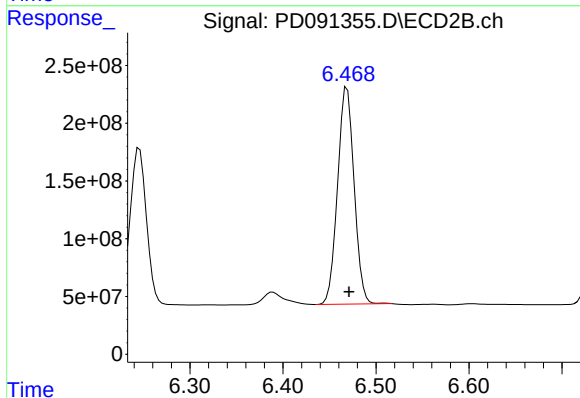
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 239040351
Conc: 46.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

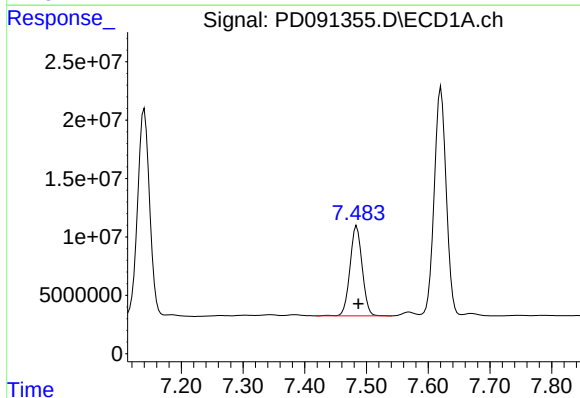
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



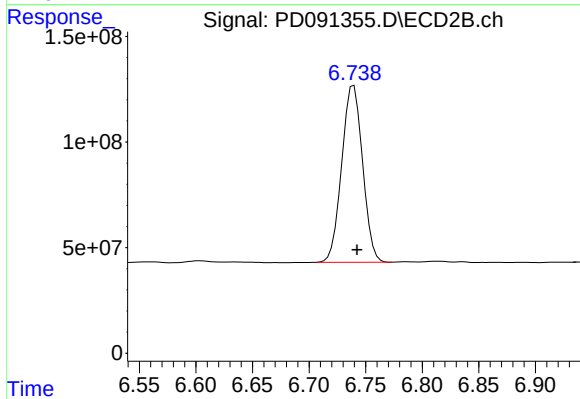
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2321651445
Conc: 51.78 ng/ml



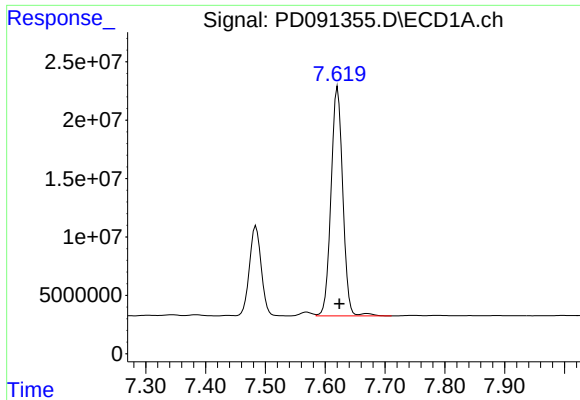
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 105848980
Conc: 48.68 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 1072702391
Conc: 53.50 ng/ml



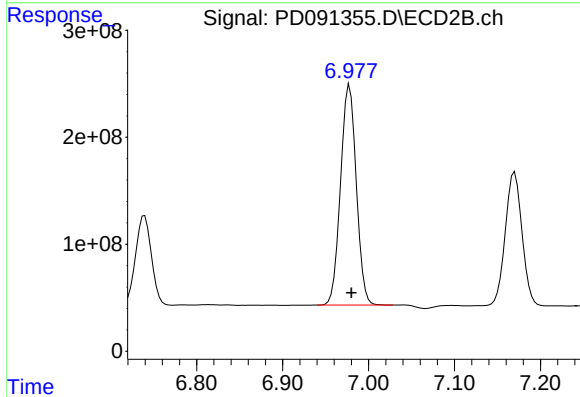
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 267935711
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

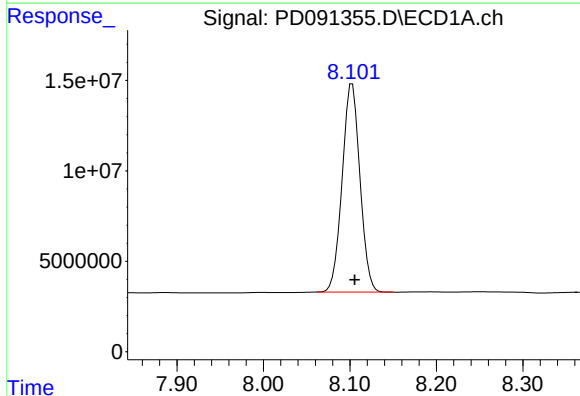
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



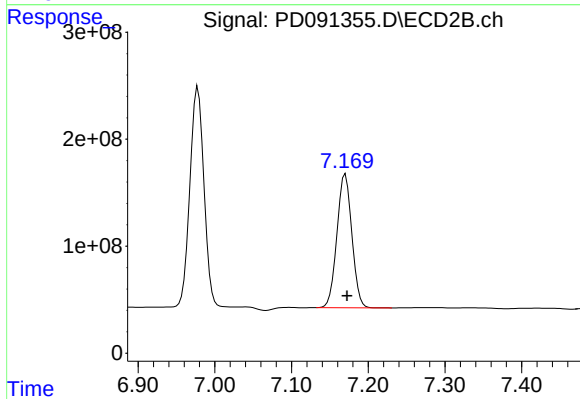
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 2621394643
Conc: 51.44 ng/ml



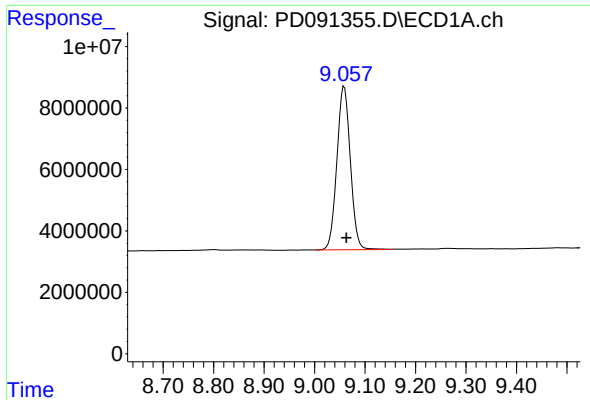
#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 163793481
Conc: 46.05 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 1687266088
Conc: 50.91 ng/ml



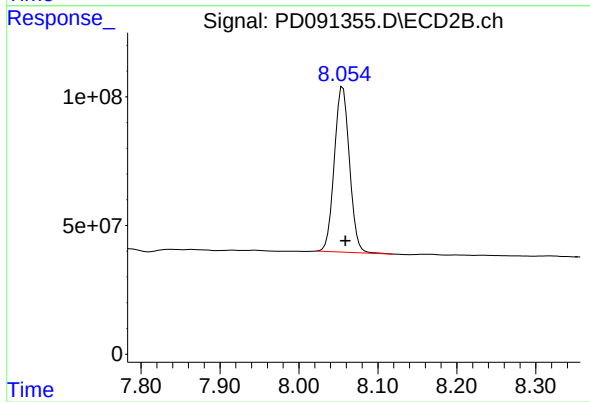
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 98843539
Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 855667153
Conc: 21.62 ng/ml