

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 10:05
 Operator : AR\AJ
 Sample : Q3707-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 V933MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/01/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 11:09:18 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...	3.541	2.872	67715349	814.3E6	19.635m	22.231
28)	SA Decachlor...	9.061	8.057	99395500	869.4E6	19.951	21.969
Target Compounds							
2)	A alpha-BHC	3.991	3.383	390.7E6	3218.5E6	48.863	50.923
3)	MA gamma-BHC...	4.322	3.719	359.9E6	2935.2E6	48.166	50.763
4)	MA Heptachlor	4.919	4.071	347.2E6	2834.9E6	48.486	51.347
5)	MB Aldrin	5.261	4.356	349.3E6	2933.7E6	48.131	51.962
6)	B beta-BHC	4.509	4.015	139.2E6	1250.2E6	47.924	52.035
7)	B delta-BHC	4.758	4.252	362.3E6	2984.0E6	48.742	51.028
8)	B Heptachlo...	5.681	4.860	312.8E6	2665.0E6	48.142	52.298
9)	A Endosulfan I	6.065	5.234	297.5E6	2523.3E6	48.423	52.731
10)	B gamma-Chl...	5.937	5.113	318.2E6	2926.5E6	48.941	53.573
11)	B alpha-Chl...	6.017	5.177	316.5E6	2780.7E6	45.985	53.137
12)	B 4,4'-DDE	6.187	5.362	281.2E6	2828.2E6	48.488	52.922
13)	MA Dieldrin	6.338	5.500	316.4E6	2852.6E6	48.940	52.523
14)	MA Endrin	6.565	5.777	255.7E6	2537.2E6	51.507	56.142
15)	B Endosulfa...	6.778	6.068	267.2E6	2484.9E6	48.068	53.233
16)	A 4,4'-DDD	6.698	5.917	234.4E6	2368.6E6	47.724	48.470
17)	MA 4,4'-DDT	7.013	6.170	211.0E6	2259.0E6	51.020	57.726
18)	B Endrin al...	6.907	6.247	186.8E6	1745.0E6	44.844	49.448
19)	B Endosulfa...	7.142	6.469	238.5E6	2323.5E6	46.359	51.822
20)	A Methoxychlor	7.486	6.740	106.3E6	1099.9E6	48.880	54.852
21)	B Endrin ke...	7.622	6.979	267.4E6	2693.2E6	47.468	52.854
22)	Mirex	8.104	7.171	163.4E6	1715.5E6	45.933	51.765

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
Data File : PD091370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2025 10:05
Operator : AR\AJ
Sample : Q3707-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

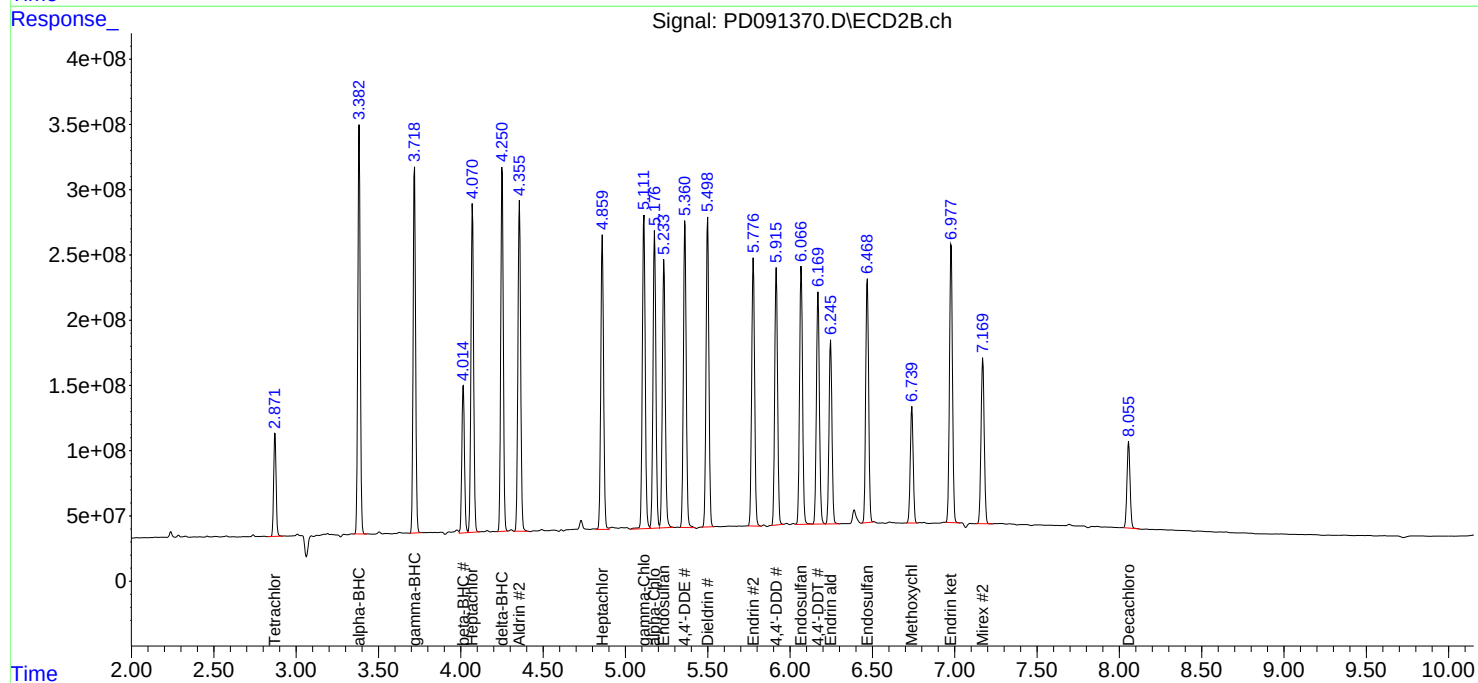
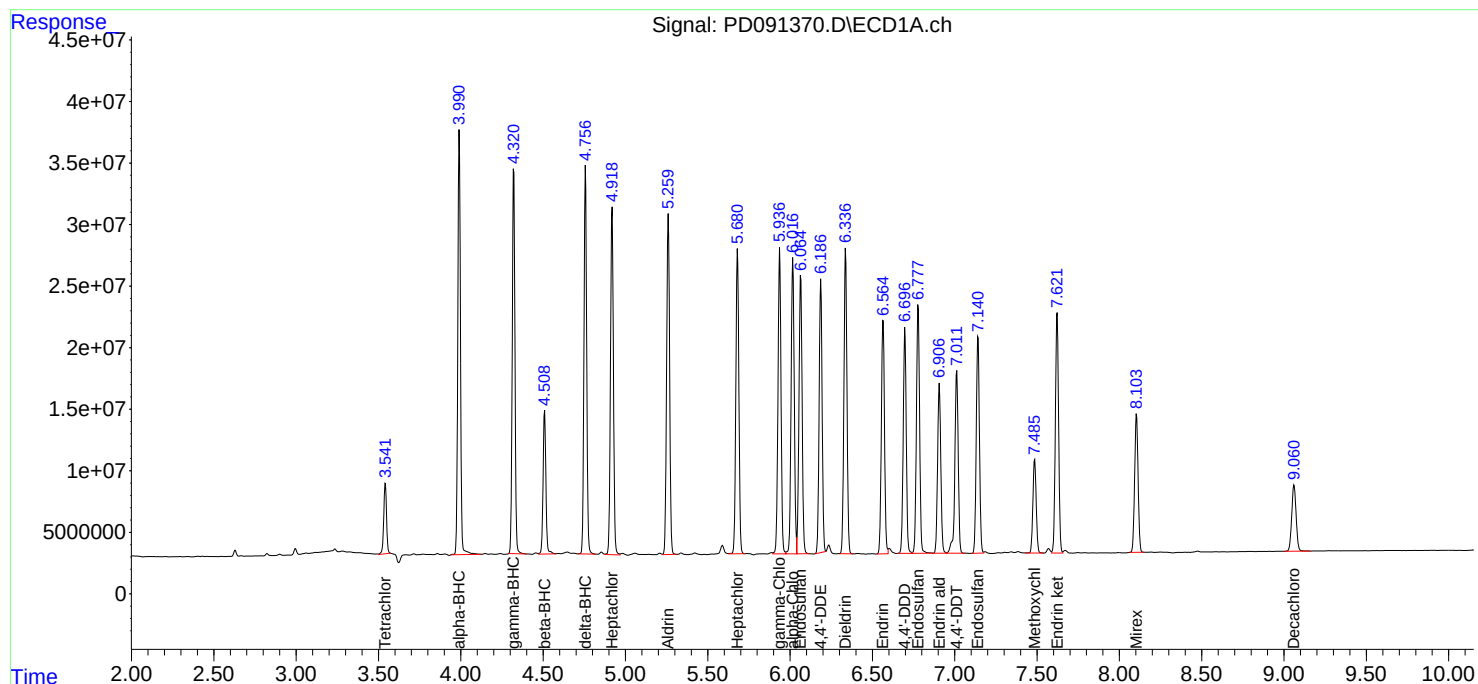
Instrument :
ECD_D
ClientSampleId :
V933MS

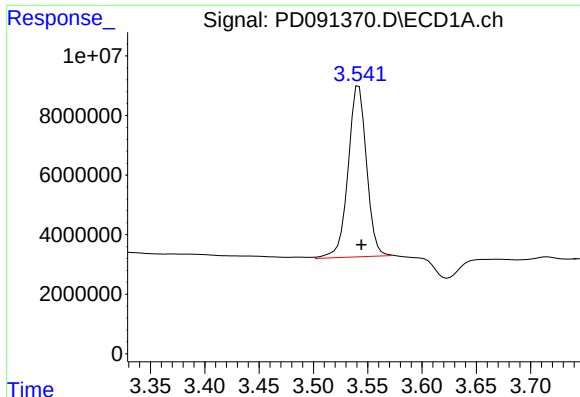
Manual Integrations
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Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 11:09:18 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





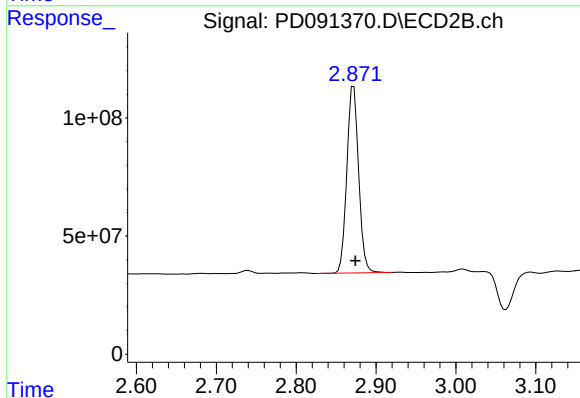
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 67715349
Conc: 19.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

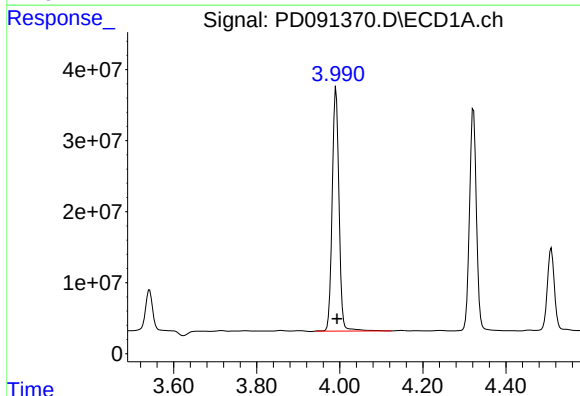
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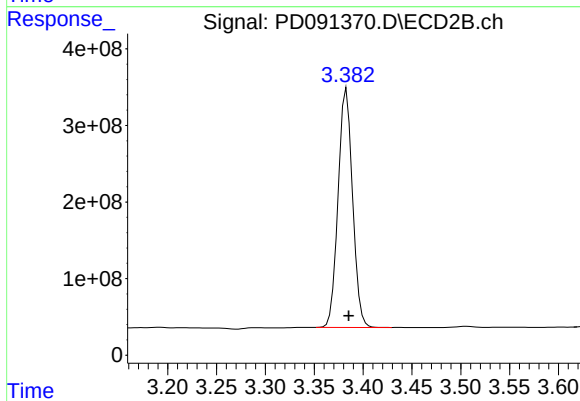
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 814331808
Conc: 22.23 ng/ml



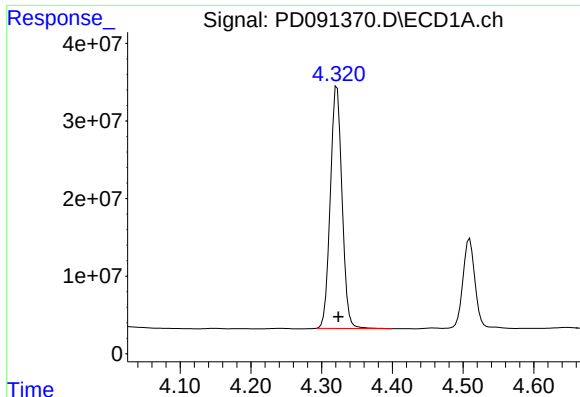
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 390683295
Conc: 48.86 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3218504013
Conc: 50.92 ng/ml



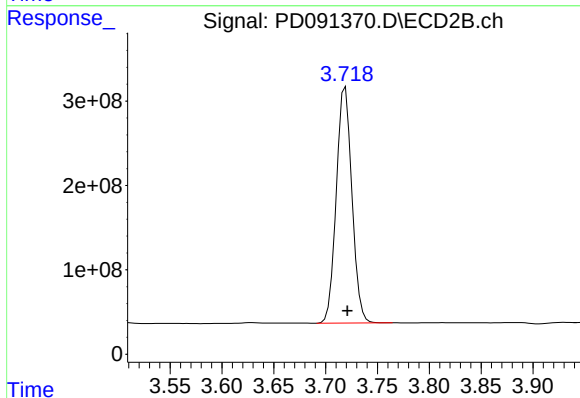
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 359934804
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

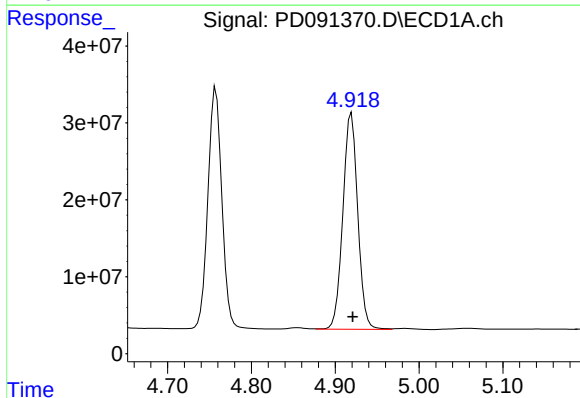
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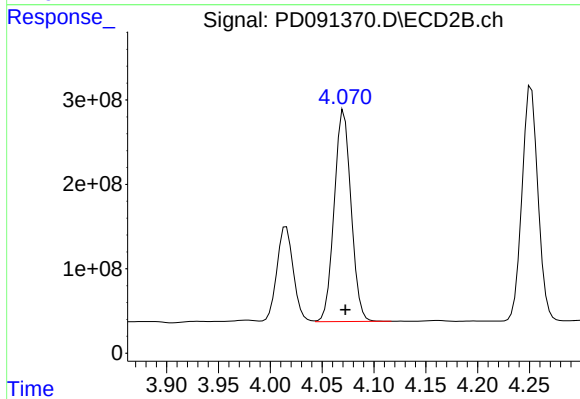
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2935200945
Conc: 50.76 ng/ml



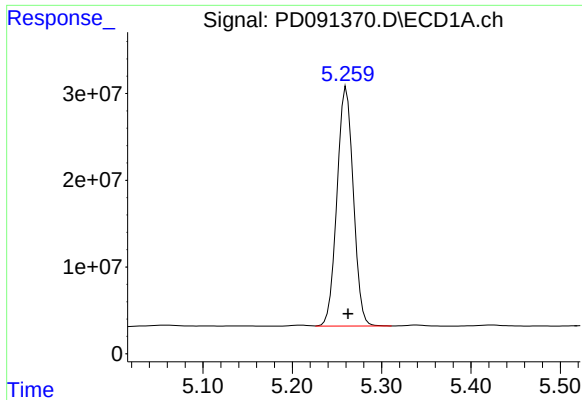
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 347243923
Conc: 48.49 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2834861412
Conc: 51.35 ng/ml



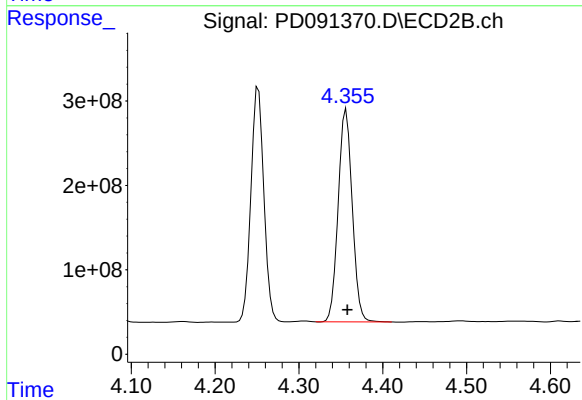
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 349254312
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

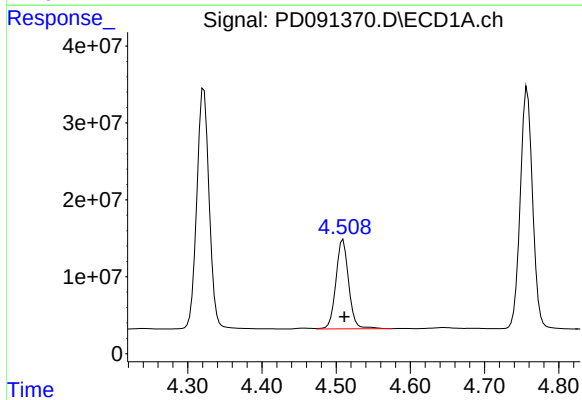
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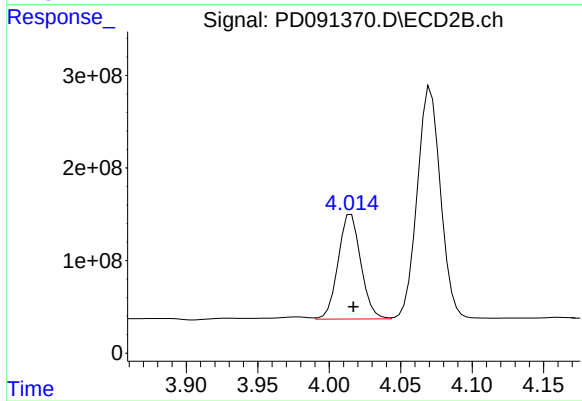
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 2933693495
Conc: 51.96 ng/ml



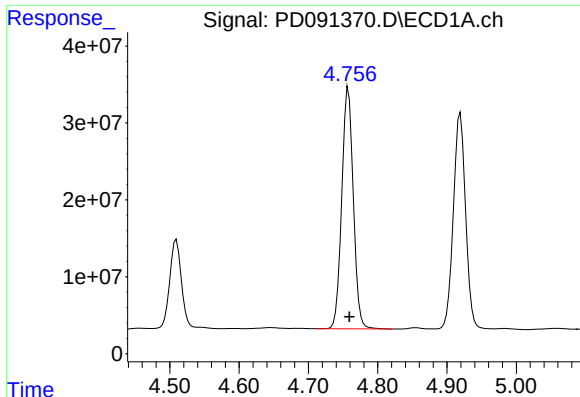
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 139243072
Conc: 47.92 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1250248690
Conc: 52.04 ng/ml



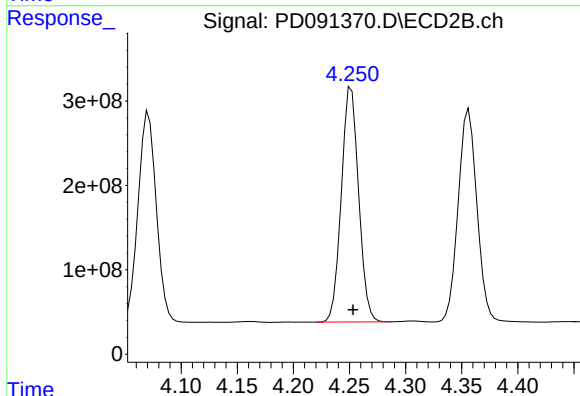
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 362251420
Conc: 48.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

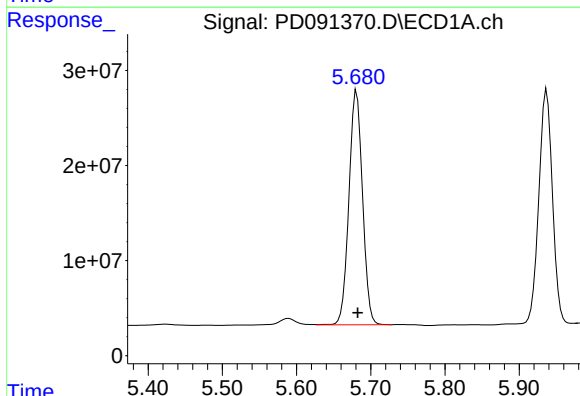
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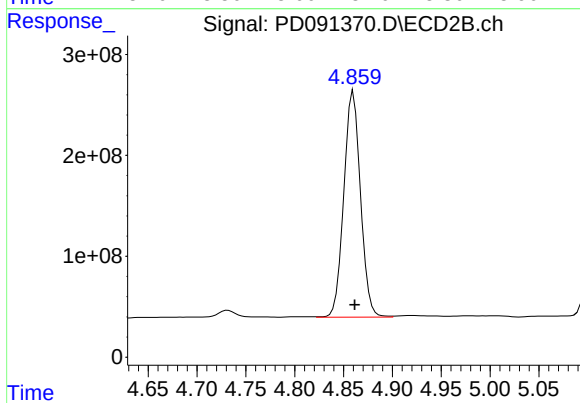
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 2983954633
Conc: 51.03 ng/ml



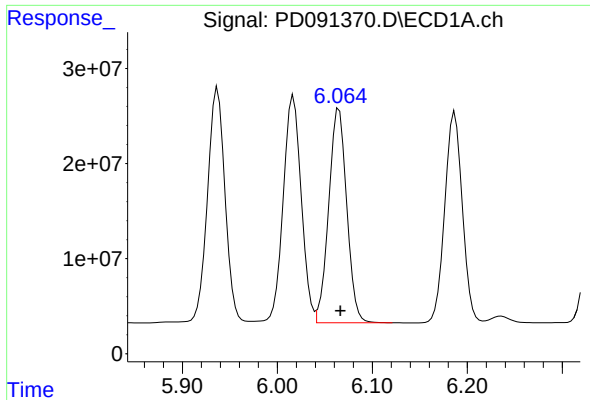
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 312767268
Conc: 48.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 2665014276
Conc: 52.30 ng/ml



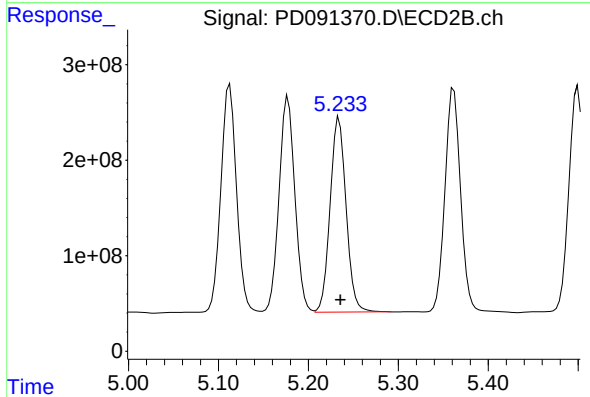
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 297460877
Conc: 48.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

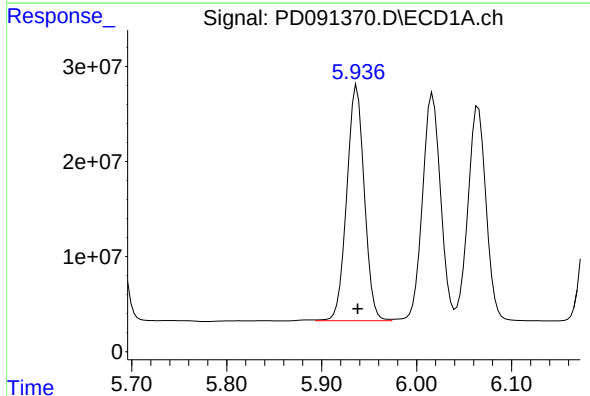
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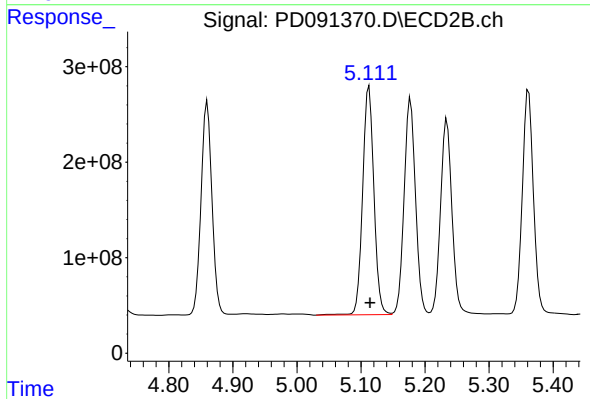
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 2523267584
Conc: 52.73 ng/ml



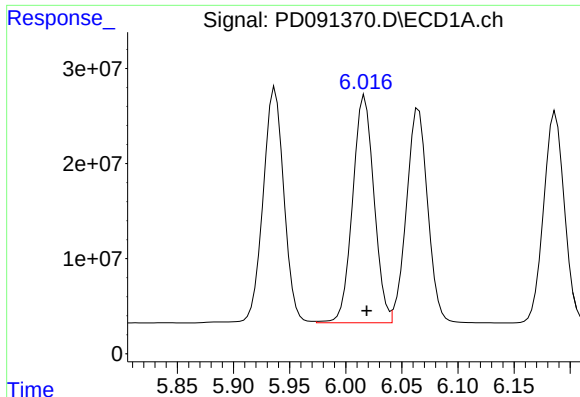
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 318154826
Conc: 48.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2926541917
Conc: 53.57 ng/ml



#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 316504640
Conc: 45.98 ng/ml

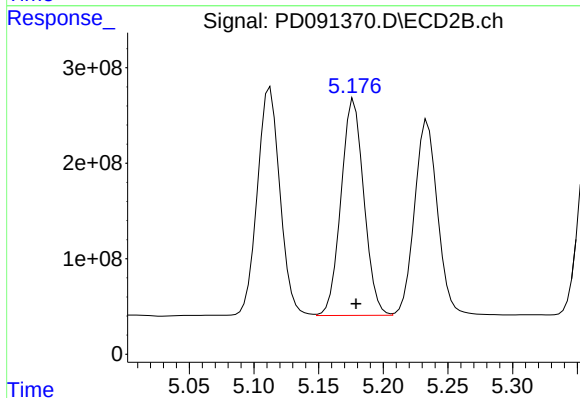
Instrument :

ECD_D

ClientSampleId :
V933MS

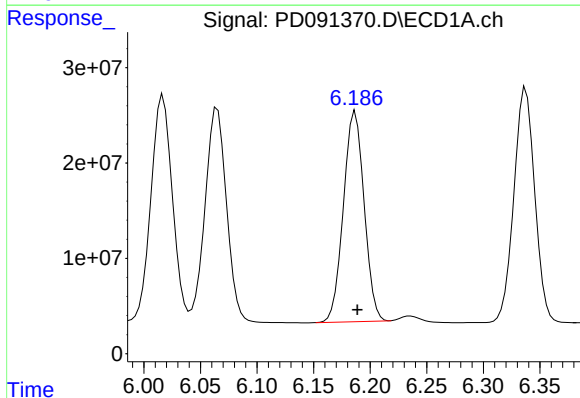
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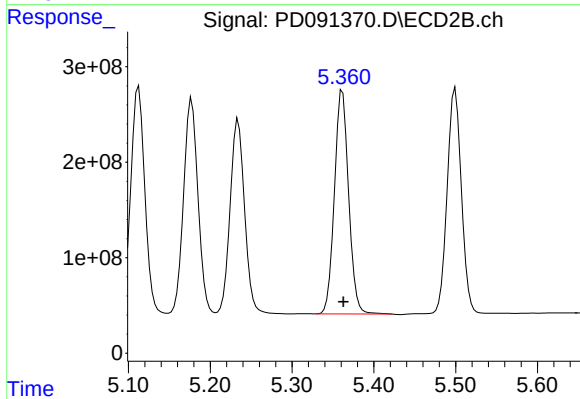
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2780744158
Conc: 53.14 ng/ml



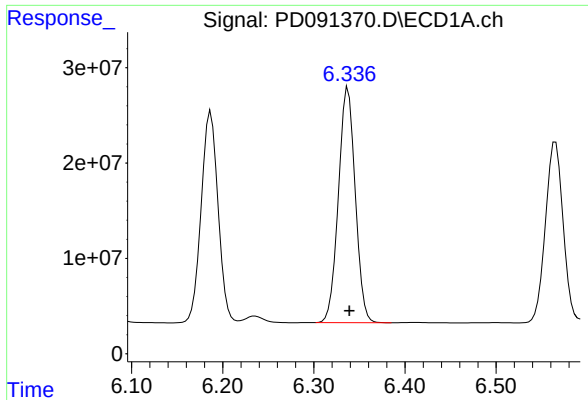
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 281200529
Conc: 48.49 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 2828240840
Conc: 52.92 ng/ml



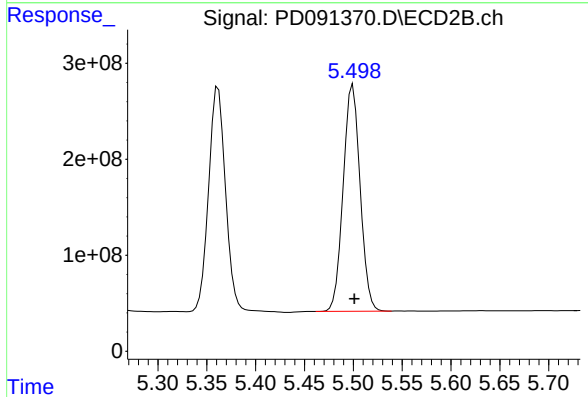
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 316392032
Conc: 48.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
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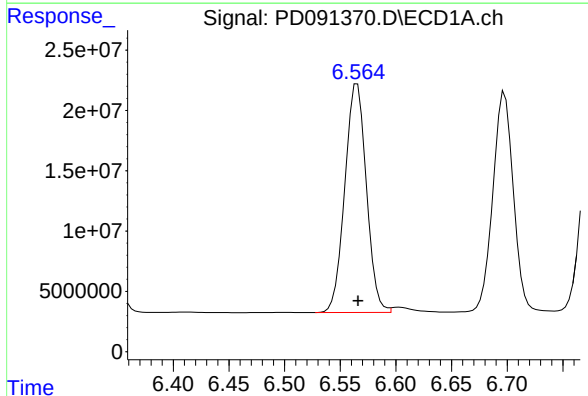
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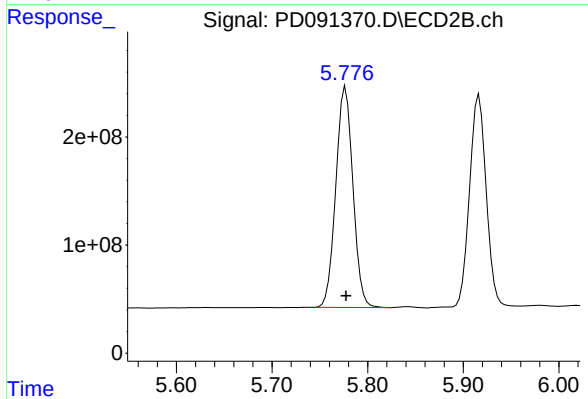
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 2852595767
Conc: 52.52 ng/ml



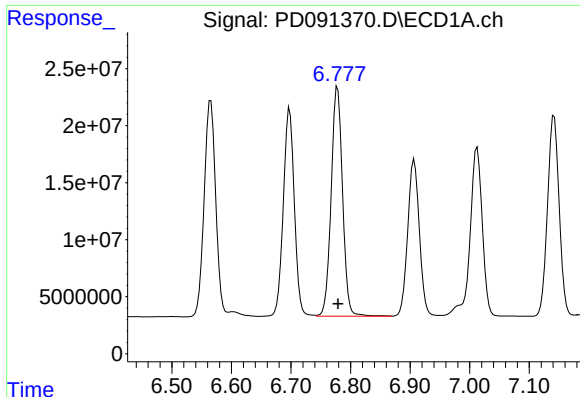
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 255652427
Conc: 51.51 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2537227079
Conc: 56.14 ng/ml



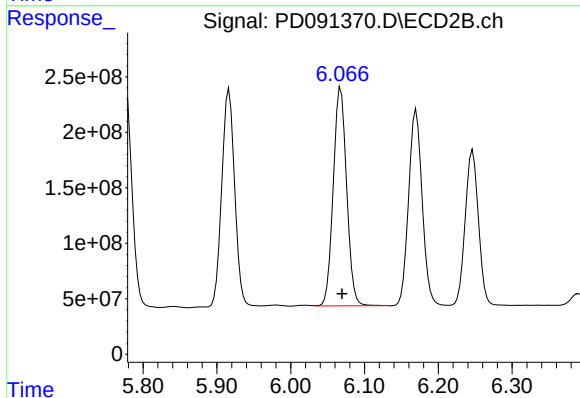
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 267227596
Conc: 48.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

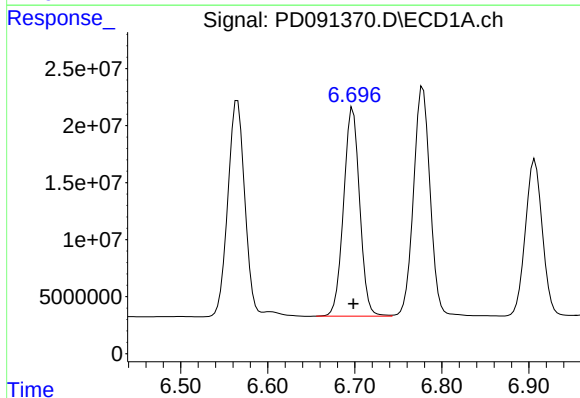
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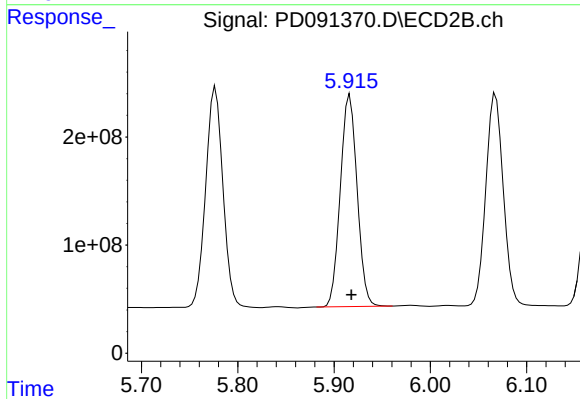
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 2484897683
Conc: 53.23 ng/ml



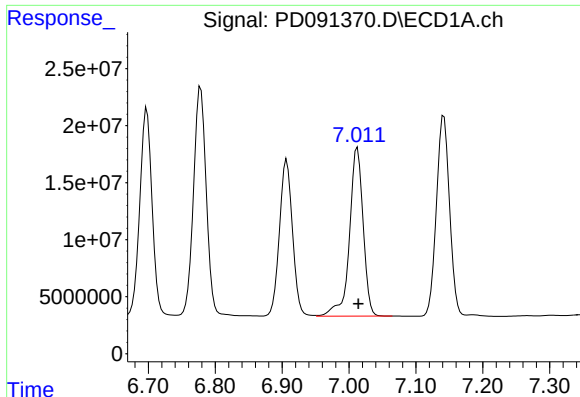
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 234395534
Conc: 47.72 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 2368641956
Conc: 48.47 ng/ml



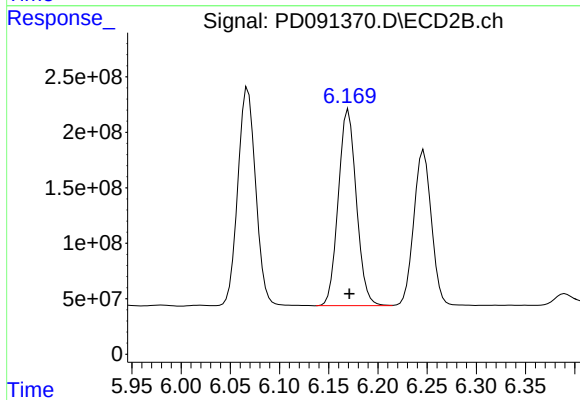
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 210994557
Conc: 51.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

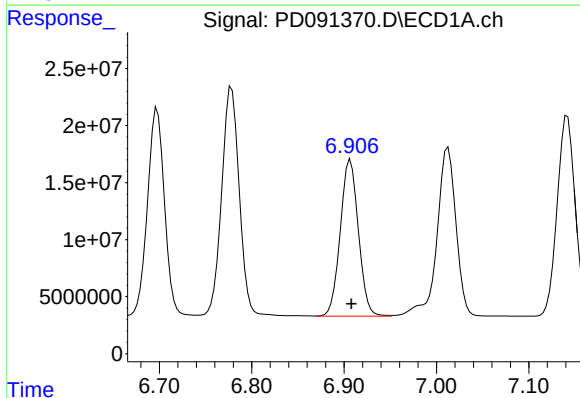
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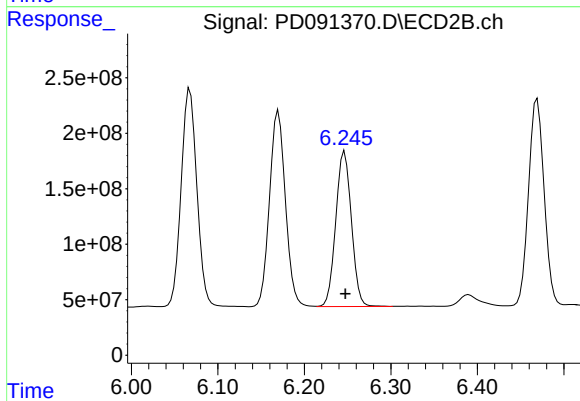
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2258966526
Conc: 57.73 ng/ml



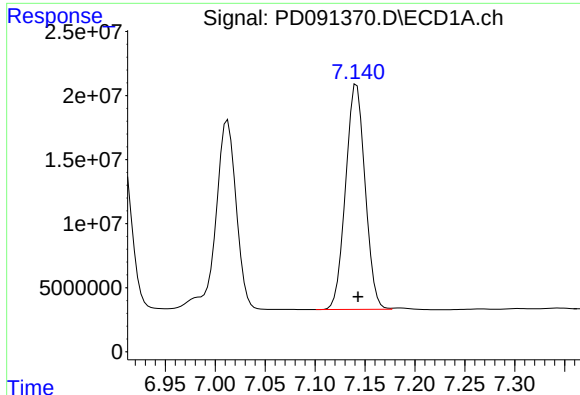
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 186820458
Conc: 44.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.001 min
Response: 1744964278
Conc: 49.45 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 238505691
Conc: 46.36 ng/ml

Instrument :

ECD_D

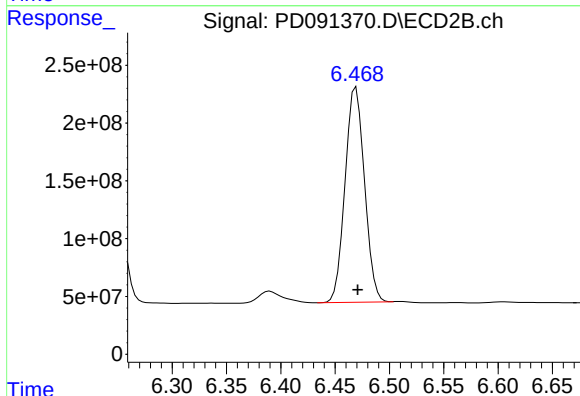
ClientSampleId :

V933MS

Manual Integrations

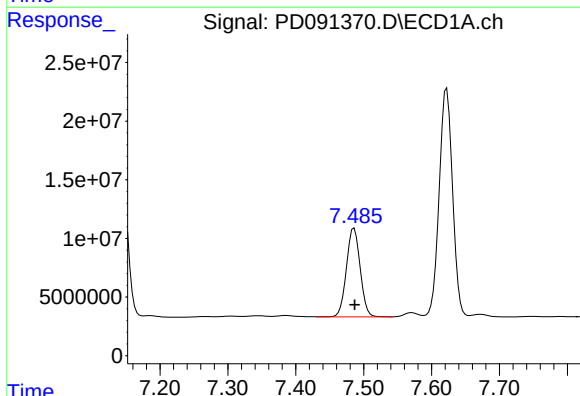
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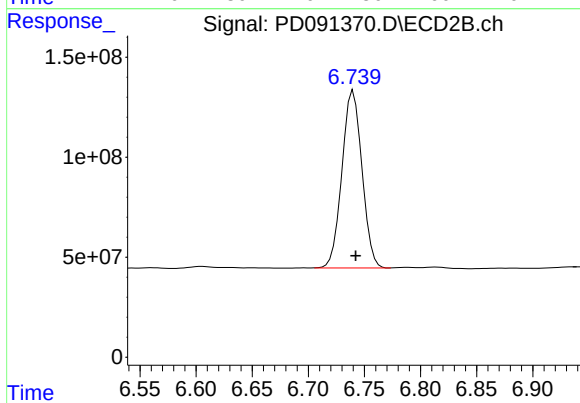
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2323452302
Conc: 51.82 ng/ml



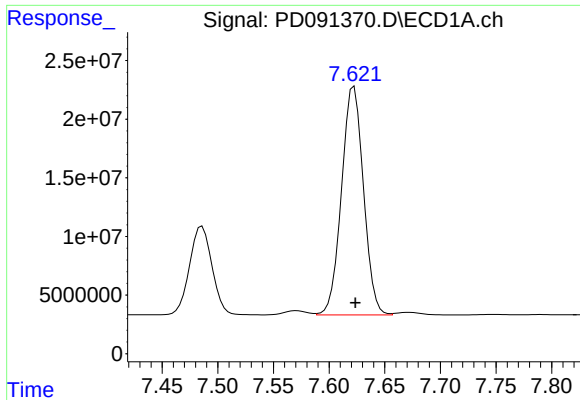
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 106280882
Conc: 48.88 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 1099851911
Conc: 54.85 ng/ml



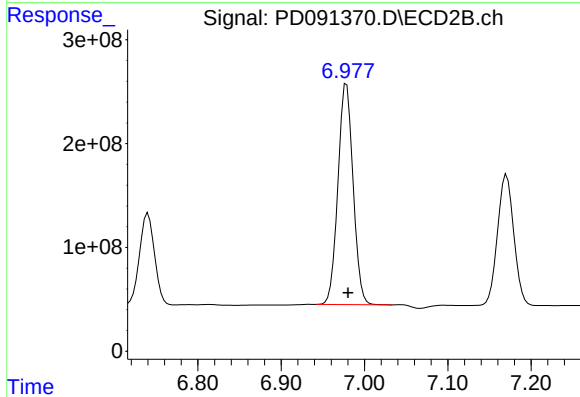
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.001 min
Response: 267415586
Conc: 47.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

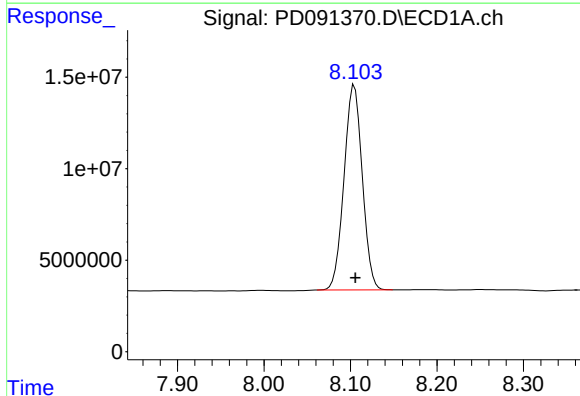
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/01/2025
Supervised By :mohammad ahmed 12/03/2025



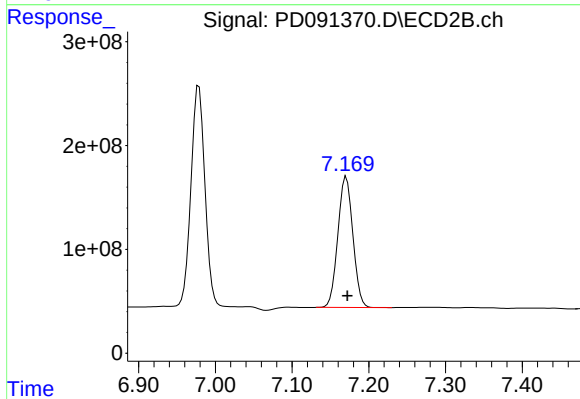
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 2693205445
Conc: 52.85 ng/ml



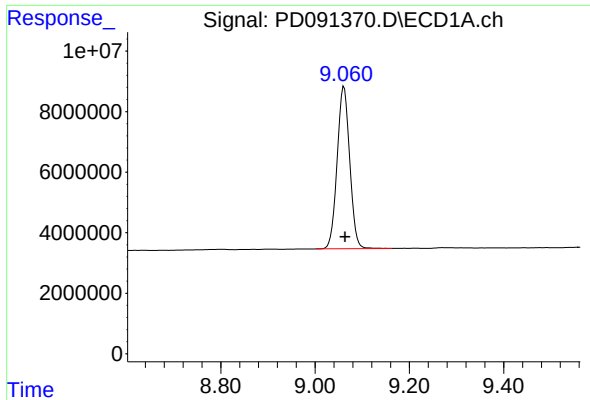
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.001 min
Response: 163384760
Conc: 45.93 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 1715499768
Conc: 51.77 ng/ml



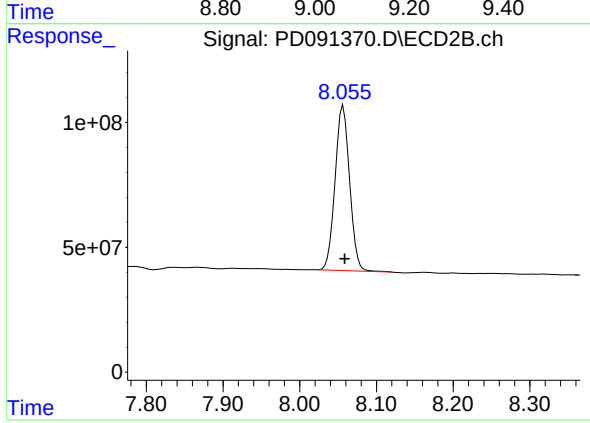
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 99395500
Conc: 19.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
V933MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/01/2025
Supervised By :mohammad ahmed 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 869411549
Conc: 21.97 ng/ml