

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
 Data File : PD089845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2025 20:17
 Operator : AR\AJ
 Sample : Q2807-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/12/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 12 01:23:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.876	42908117	346.4E6	17.396	21.874m#
28)	SA Decachlor...	9.066	8.065	58666958	365.0E6	15.787	18.181
Target Compounds							
2)	A alpha-BHC	3.997	3.388	266.6E6	1513.5E6	53.826	62.273m
3)	MA gamma-BHC...	4.327	3.726	253.2E6	1378.0E6	53.278	61.178
4)	MA Heptachlor	4.925	4.079	234.1E6	1347.5E6	48.646	58.061
5)	MB Aldrin	5.267	4.364	236.9E6	1311.2E6	51.905	58.928
6)	B beta-BHC	4.513	4.022	96487725	608.6E6	52.306	63.076
7)	B delta-BHC	4.761	4.258	248.7E6	1400.5E6	54.228	61.654
8)	B Heptachlo...	5.687	4.868	211.5E6	1232.5E6	50.596	59.975
9)	A Endosulfan I	6.070	5.242	198.2E6	1149.8E6	49.998	58.819
10)	B gamma-Chl...	5.942	5.121	208.3E6	1319.0E6	49.853	60.914
11)	B alpha-Chl...	6.023	5.185	210.1E6	1265.5E6	49.981	60.778
12)	B 4,4'-DDE	6.192	5.370	186.8E6	1274.8E6	50.096	60.313
13)	MA Dieldrin	6.343	5.507	209.8E6	1286.4E6	49.678	59.450
14)	MA Endrin	6.570	5.784	173.8E6	1211.2E6	48.578	60.785 #
15)	B Endosulfa...	6.783	6.074	170.7E6	1107.8E6	46.523	58.925m#
16)	A 4,4'-DDD	6.701	5.924	153.2E6	1053.3E6	51.141	59.736
17)	MA 4,4'-DDT	7.017	6.178	148.0E6	1061.5E6	44.047	57.776 #
18)	B Endrin al...	6.911	6.254	131.4E6	832.3E6	52.640	64.417
19)	B Endosulfa...	7.145	6.477	163.1E6	1052.5E6	47.004	56.689
20)	A Methoxychlor	7.489	6.748	76342848	532.6E6	42.698	54.368 #
21)	B Endrin ke...	7.626	6.986	175.8E6	1170.8E6	47.336	58.344
22)	Mirex	8.109	7.179	128.1E6	894.3E6	45.939	58.757 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
Data File : PD089845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2025 20:17
Operator : AR\AJ
Sample : Q2807-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

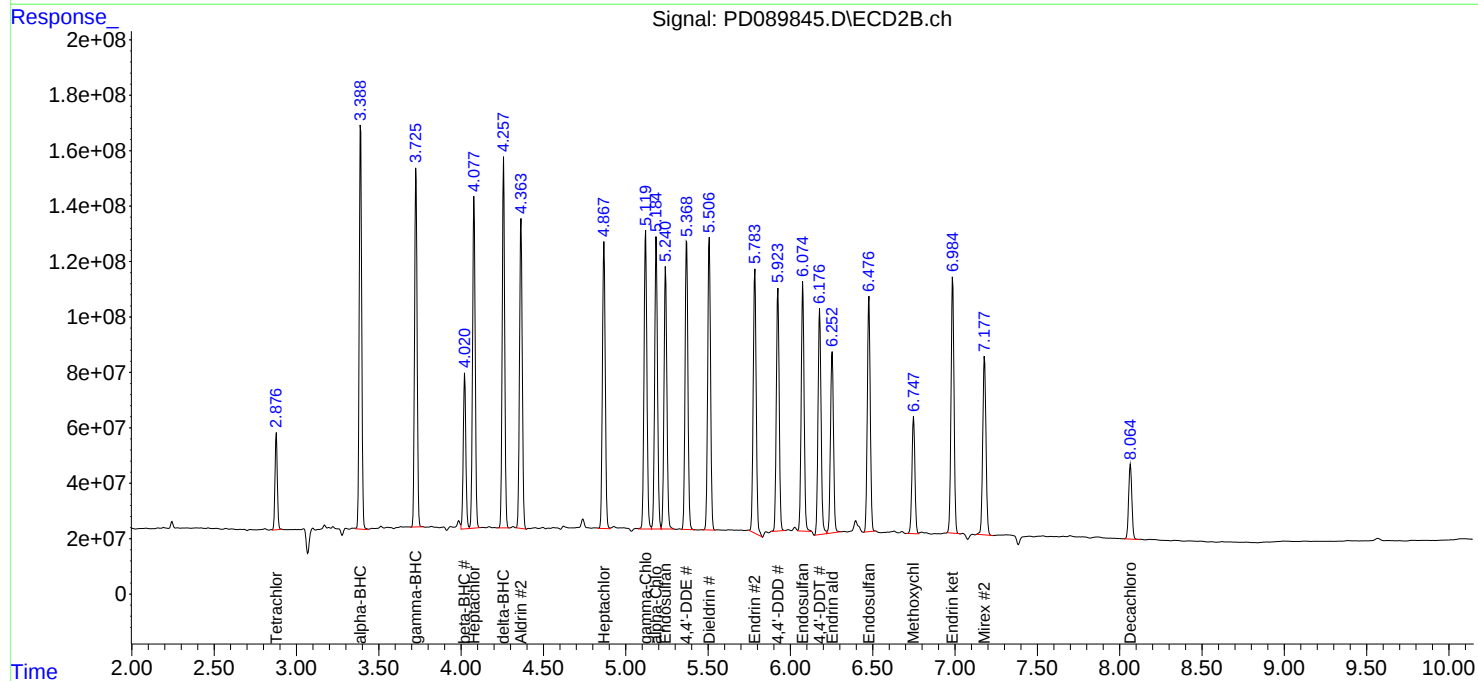
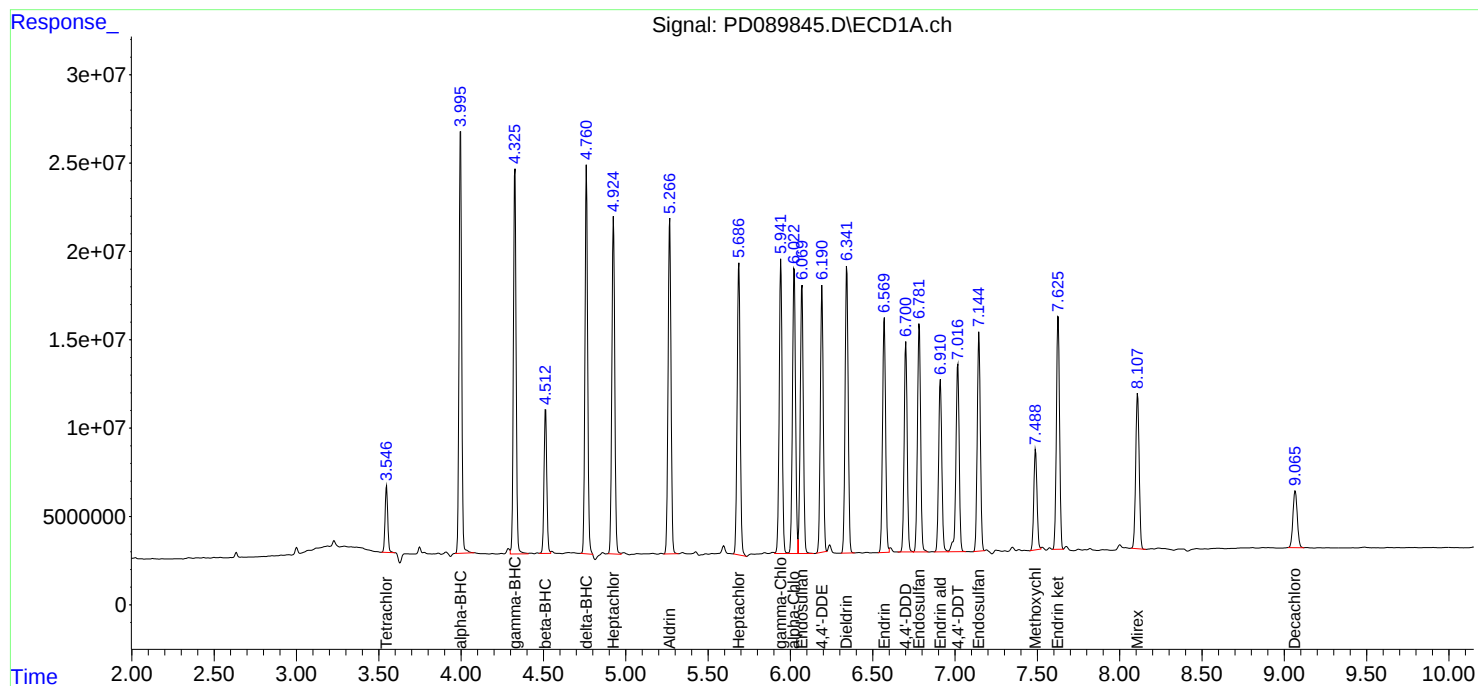
Instrument :
ECD_D
ClientSampleId :
COMP-4MS

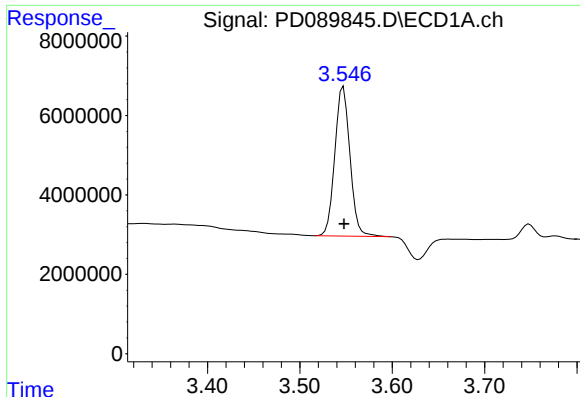
Manual Integrations
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Supervised By :mohammad ahmed 08/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 01:23:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





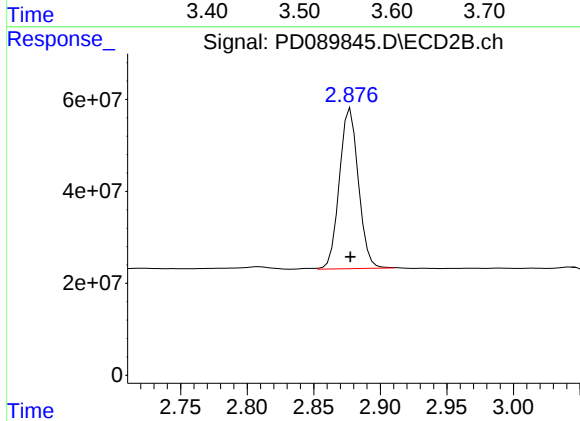
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 42908117
Conc: 17.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

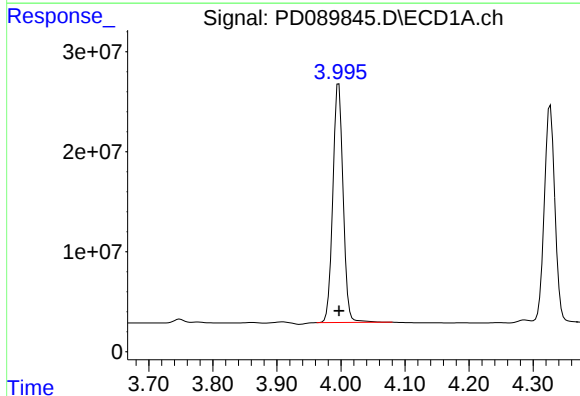
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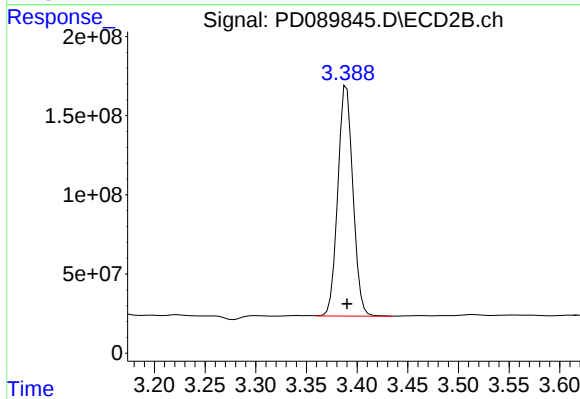
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 346432322
Conc: 21.87 ng/ml m



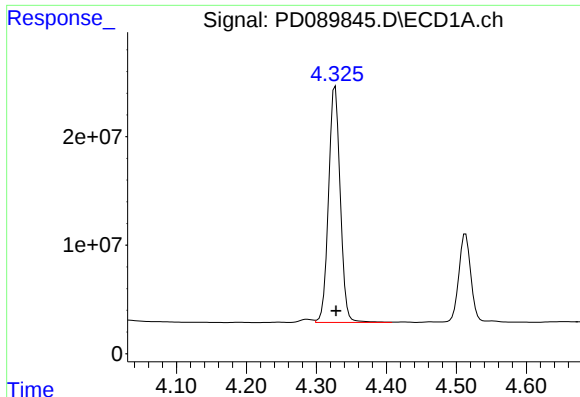
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 266629104
Conc: 53.83 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1513543927
Conc: 62.27 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 253194017
Conc: 53.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

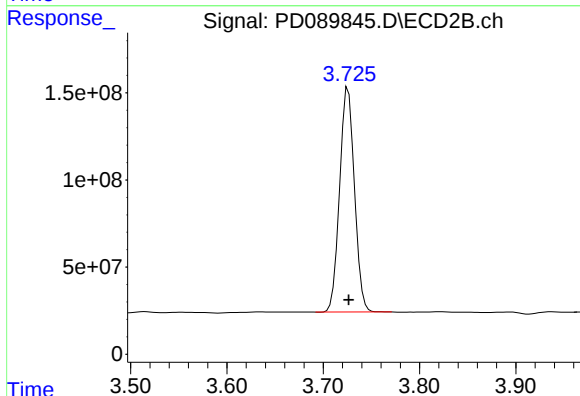
COMP-4MS

Manual Integrations

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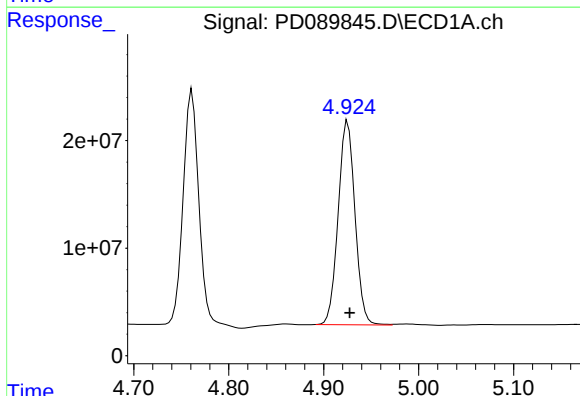
Reviewed By :Abdul Mirza 08/12/2025

Supervised By :mohammad ahmed 08/13/2025



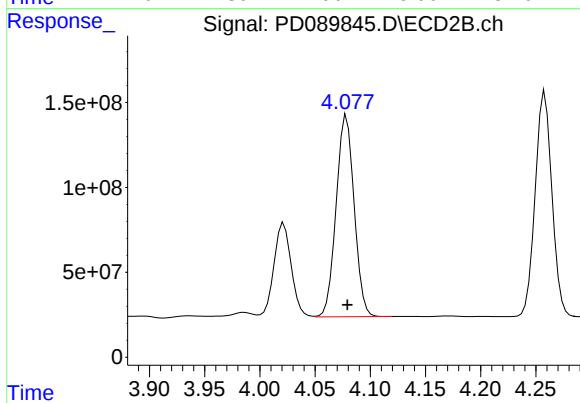
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1377967553
Conc: 61.18 ng/ml



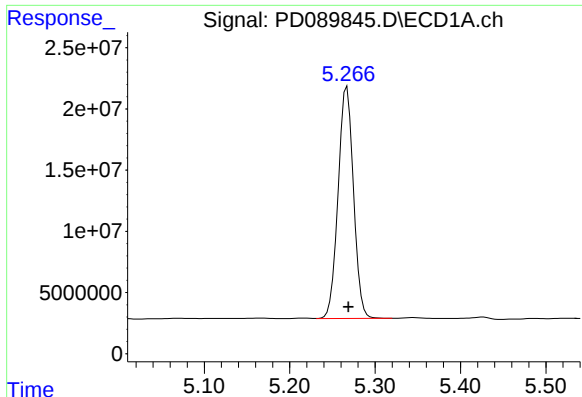
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 234060664
Conc: 48.65 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1347544263
Conc: 58.06 ng/ml



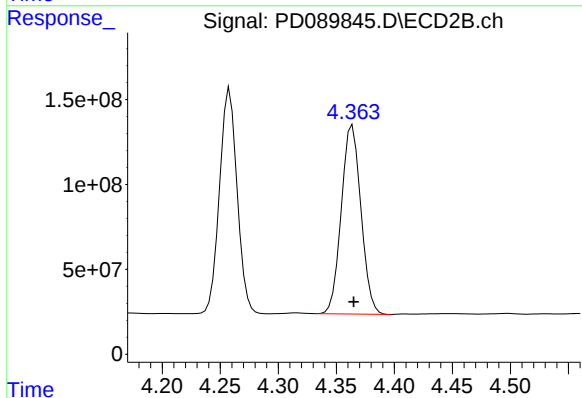
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 236942158
Conc: 51.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

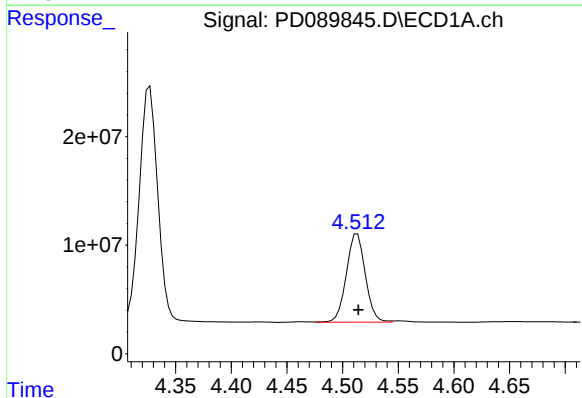
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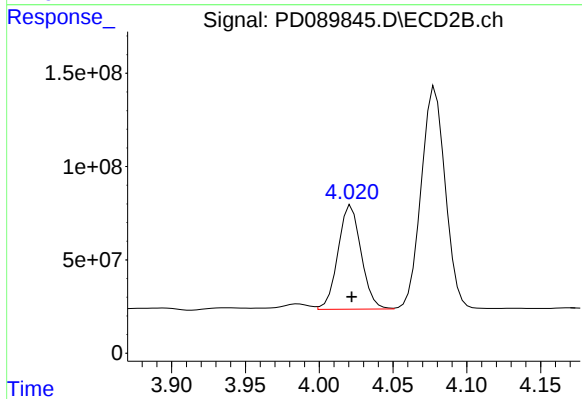
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 1311194548
Conc: 58.93 ng/ml



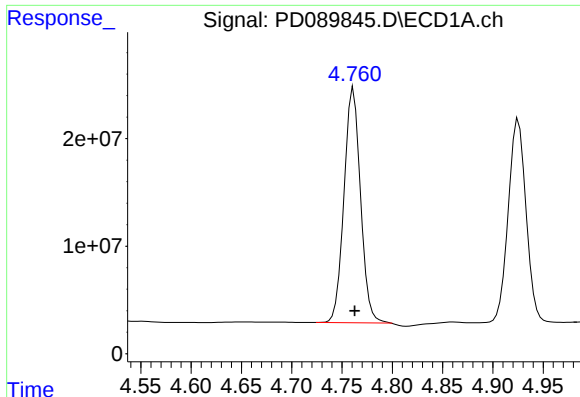
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 96487725
Conc: 52.31 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 608614656
Conc: 63.08 ng/ml



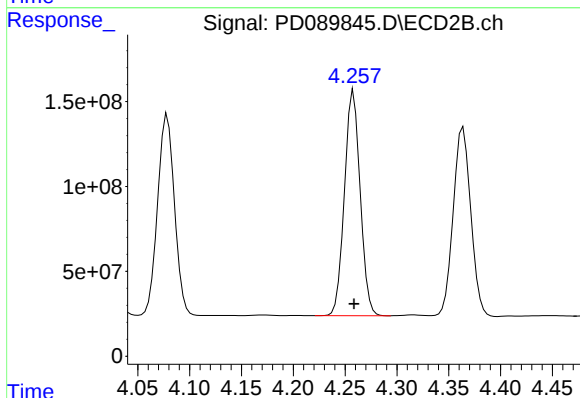
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: -0.001 min
Response: 248699369
Conc: 54.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

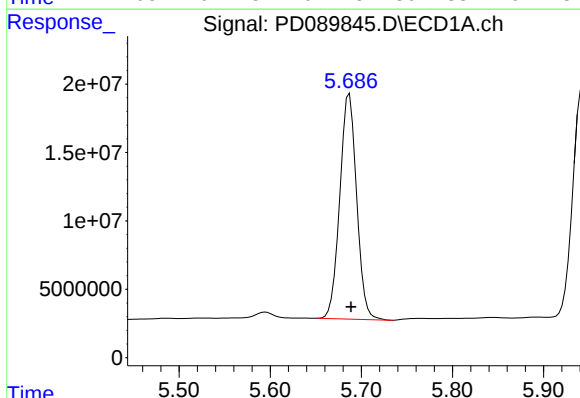
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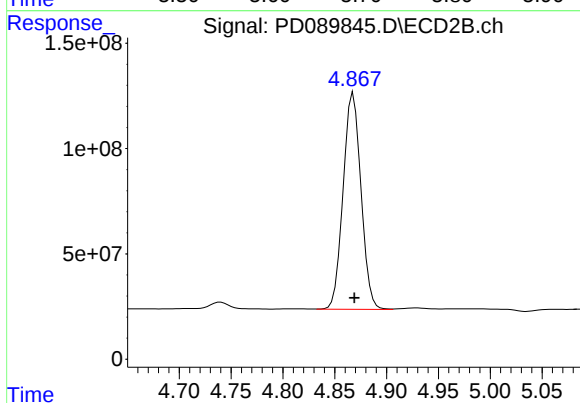
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1400467523
Conc: 61.65 ng/ml



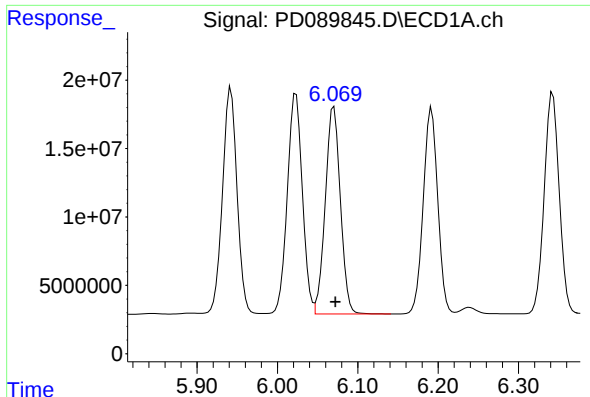
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 211528032
Conc: 50.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1232468198
Conc: 59.97 ng/ml



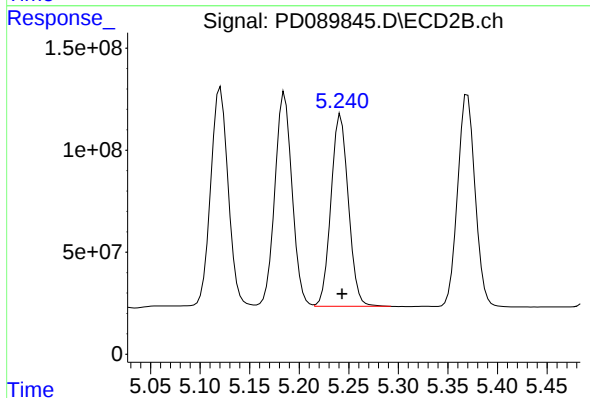
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 198174703
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

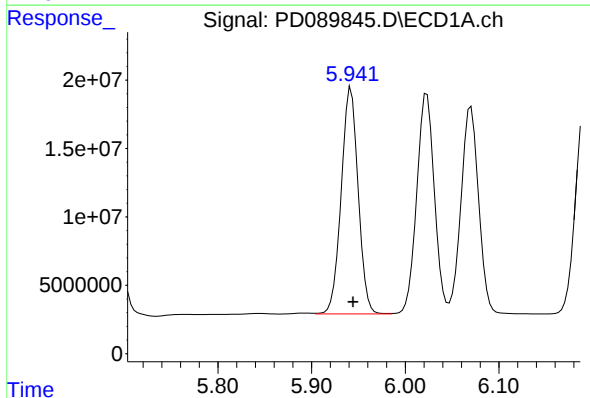
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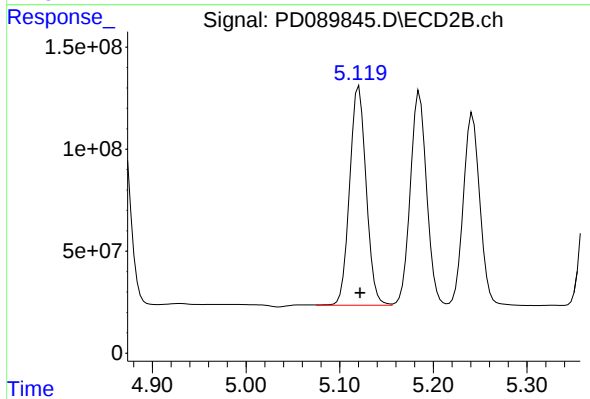
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 1149806103
Conc: 58.82 ng/ml



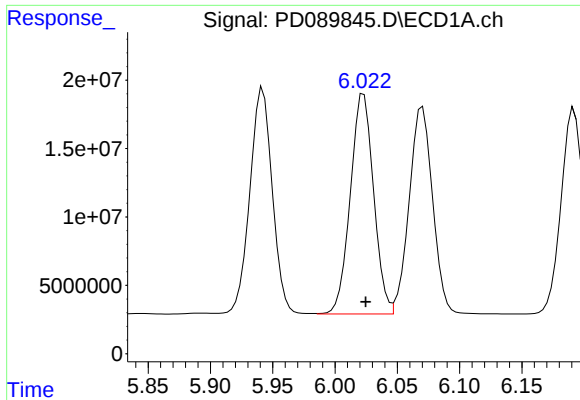
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 208340597
Conc: 49.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.001 min
Response: 1318990840
Conc: 60.91 ng/ml



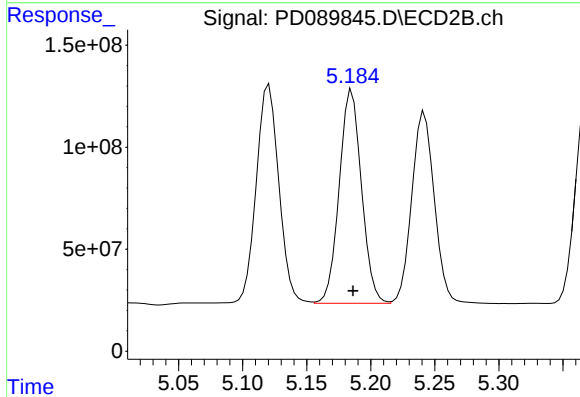
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 210129859
Conc: 49.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

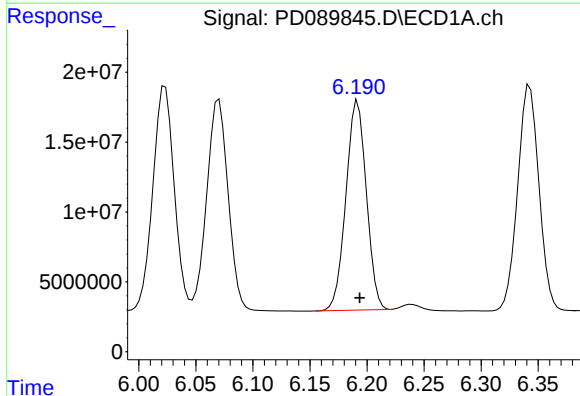
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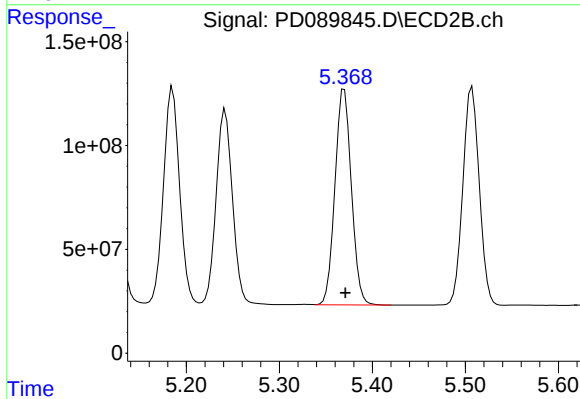
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1265525352
Conc: 60.78 ng/ml



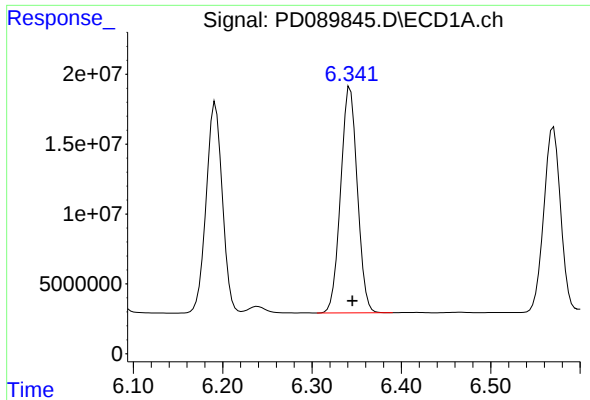
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 186846708
Conc: 50.10 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.001 min
Response: 1274841728
Conc: 60.31 ng/ml



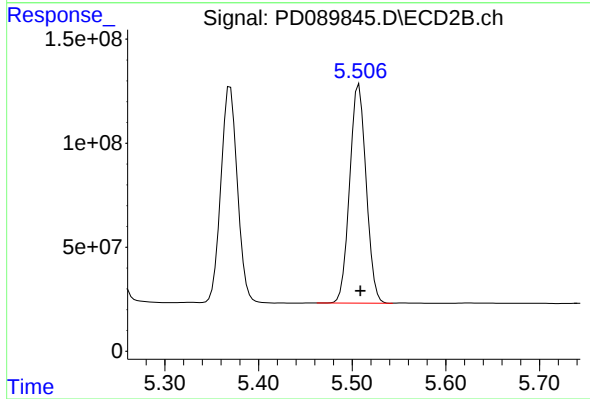
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 209811018
Conc: 49.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

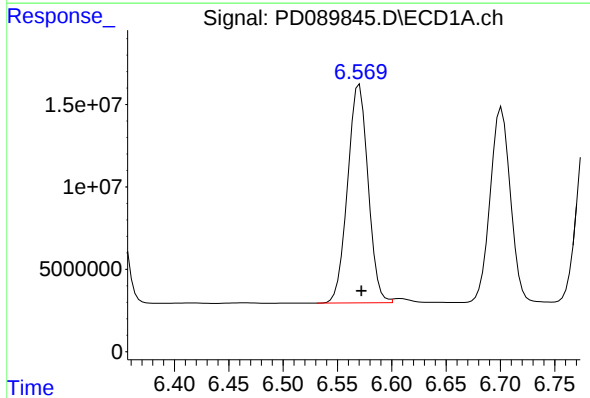
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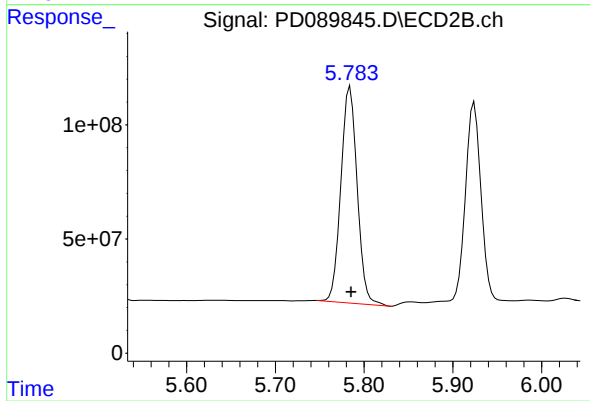
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 1286433190
Conc: 59.45 ng/ml



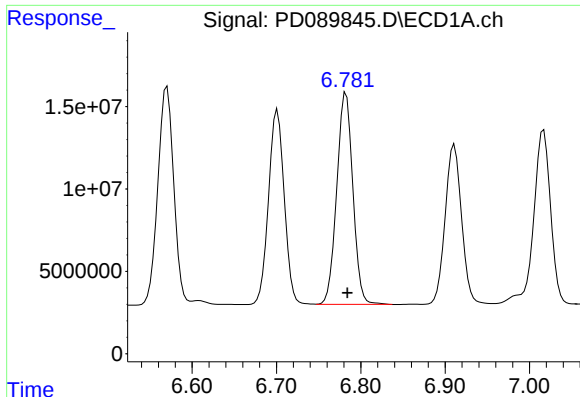
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 173798482
Conc: 48.58 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1211156342
Conc: 60.79 ng/ml



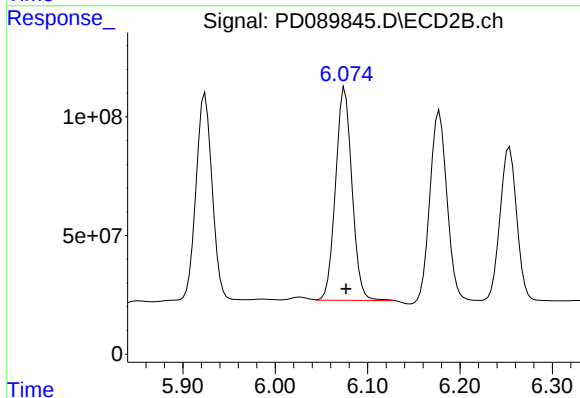
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: -0.002 min
Response: 170711348
Conc: 46.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

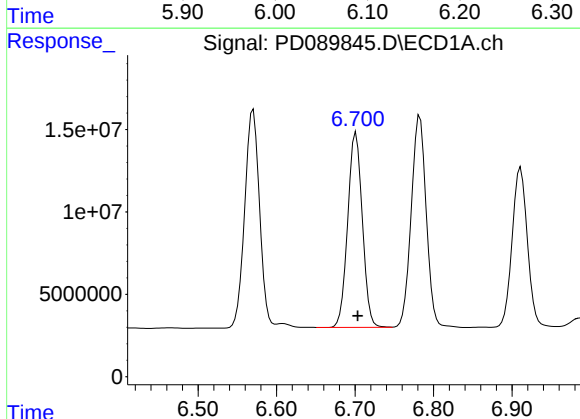
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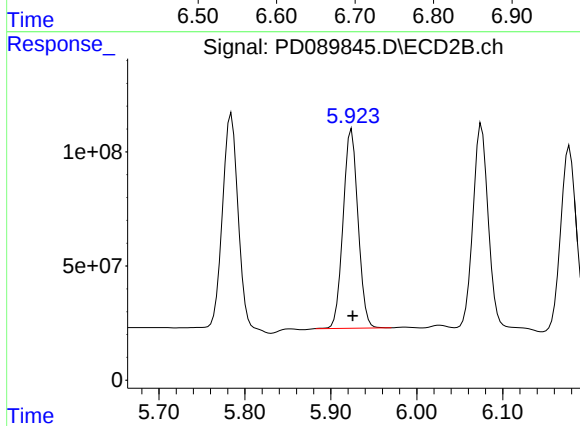
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 1107758390
Conc: 58.92 ng/ml m



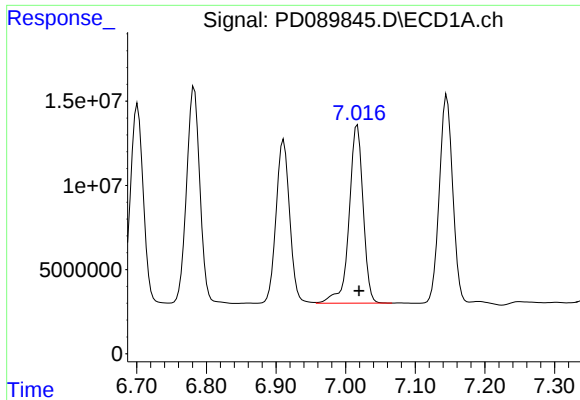
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.002 min
Response: 153157891
Conc: 51.14 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 1053302154
Conc: 59.74 ng/ml



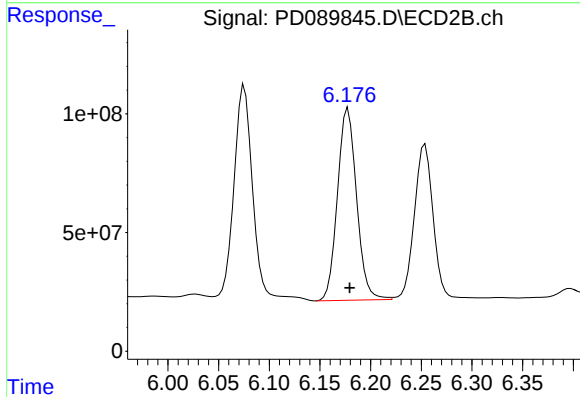
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 148008496
Conc: 44.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

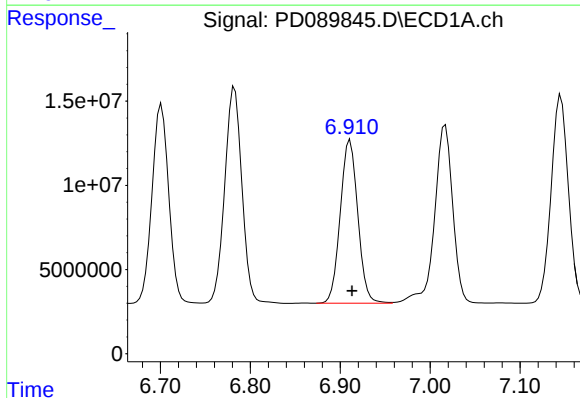
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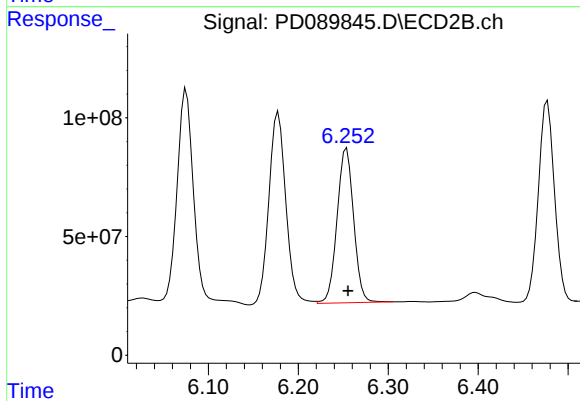
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 1061503331
Conc: 57.78 ng/ml



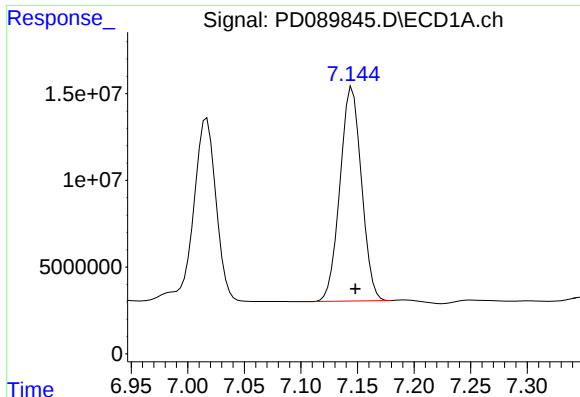
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 131367183
Conc: 52.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 832298886
Conc: 64.42 ng/ml



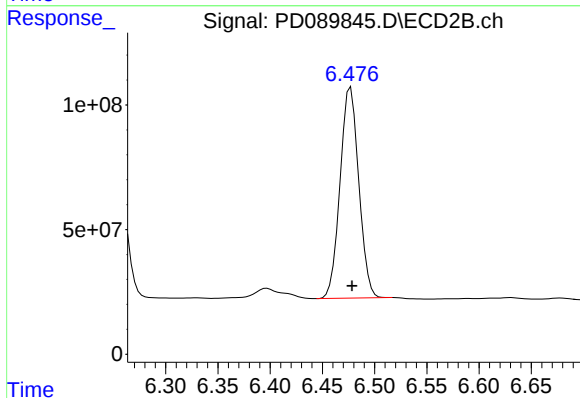
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 163106931
Conc: 47.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

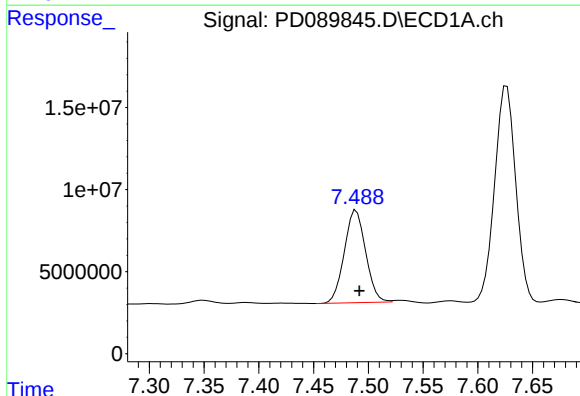
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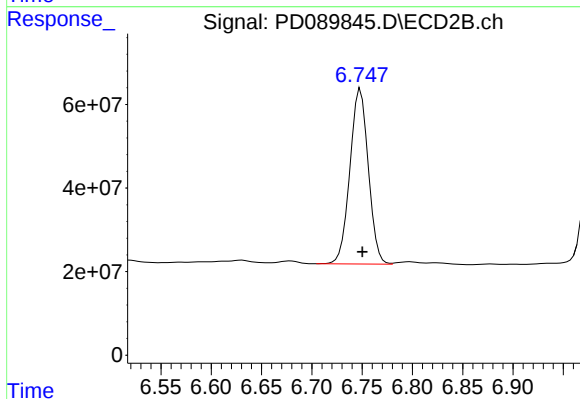
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: -0.001 min
Response: 1052458596
Conc: 56.69 ng/ml



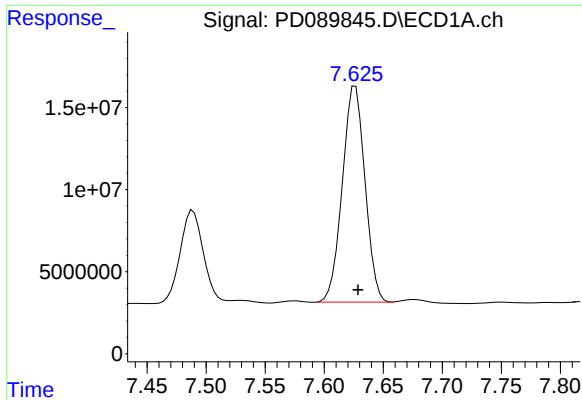
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.003 min
Response: 76342848
Conc: 42.70 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 532563686
Conc: 54.37 ng/ml



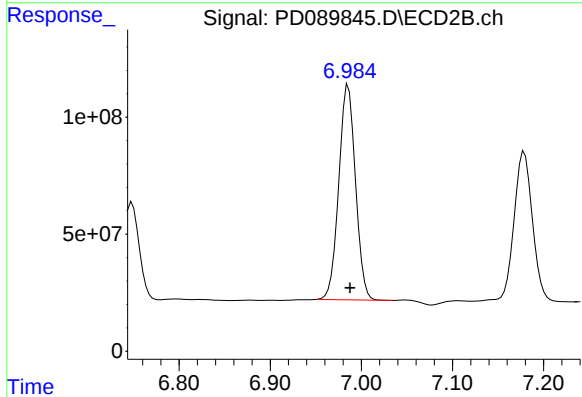
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.002 min
Response: 175813384
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

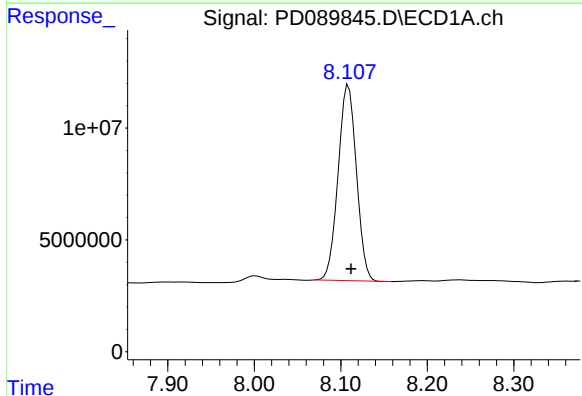
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/12/2025
Supervised By :mohammad ahmed 08/13/2025



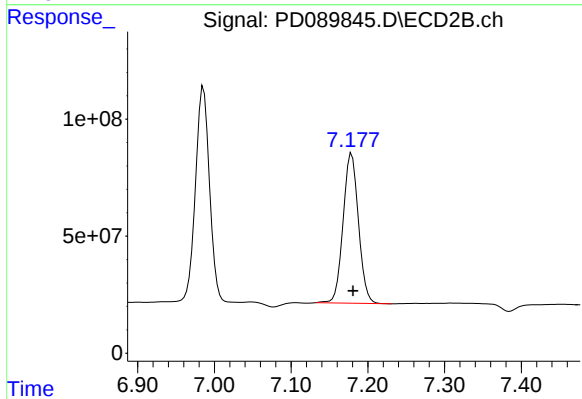
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 1170849798
Conc: 58.34 ng/ml



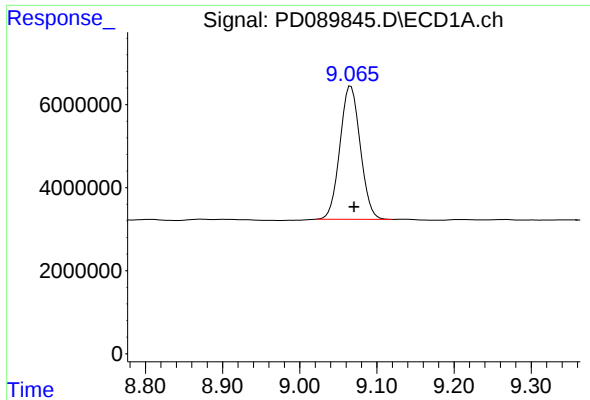
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.003 min
Response: 128091360
Conc: 45.94 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 894348433
Conc: 58.76 ng/ml



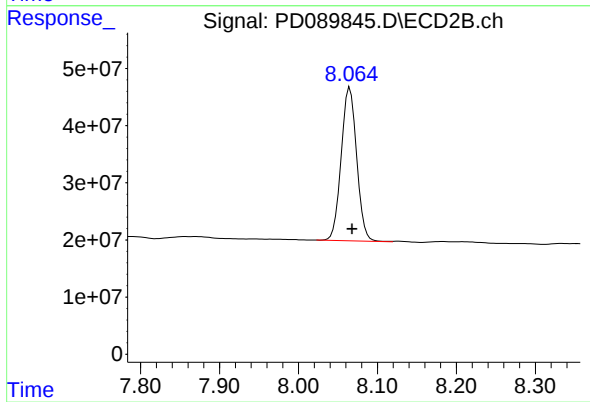
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.004 min
Response: 58666958
Conc: 15.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-4MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/12/2025
Supervised By :mohammad ahmed 08/13/2025



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 365033659
Conc: 18.18 ng/ml