

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080925\
 Data File : PD089823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 18:24
 Operator : AR\AJ
 Sample : Q2795-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2025
 Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:35:56 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	40109693	304.0E6	16.261	19.195m
28)	SA Decachlor...	9.066	8.066	47615523	268.4E6	12.813	13.368
Target Compounds							
2)	A alpha-BHC	3.996	3.388	253.2E6	1368.4E6	51.120	56.303m
3)	MA gamma-BHC...	4.327	3.726	251.8E6	1253.8E6	52.988	55.664
4)	MA Heptachlor	4.926	4.079	210.2E6	1161.0E6	43.684	50.023
5)	MB Aldrin	5.267	4.364	228.8E6	1248.3E6	50.127	56.100
6)	B beta-BHC	4.513	4.022	90529851	564.6E6	49.076	58.519
7)	B delta-BHC	4.762	4.258	251.2E6	1272.2E6	54.778	56.007
8)	B Heptachlo...	5.687	4.868	199.2E6	1123.4E6	47.656	54.668
9)	A Endosulfan I	6.070	5.242	179.5E6	968.4E6	45.298	49.538
10)	B gamma-Chl...	5.942	5.120	201.8E6	1232.6E6	48.298	56.926
11)	B alpha-Chl...	6.023	5.185	201.8E6	1165.0E6	47.996	55.949
12)	B 4,4'-DDE	6.192	5.370	177.3E6	1179.7E6	47.546	55.812
13)	MA Dieldrin	6.343	5.507	184.3E6	1119.3E6	43.638	51.726
14)	MA Endrin	6.571	5.784	140.9E6	946.2E6	39.391	47.486
15)	B Endosulfa...	6.782	6.074	154.3E6	949.0E6	42.045	50.481m
16)	A 4,4'-DDD	6.702	5.924	146.5E6	967.1E6	48.918	54.847
17)	MA 4,4'-DDT	7.017	6.178	115.0E6	825.3E6	34.235	44.918 #
18)	B Endrin al...	6.911	6.254	107.1E6	686.5E6	42.902	53.137
19)	B Endosulfa...	7.146	6.477	141.4E6	874.1E6	40.756	47.084
20)	A Methoxychlor	7.489	6.748	53887836	377.1E6	30.139	38.493 #
21)	B Endrin ke...	7.626	6.985	143.2E6	914.2E6	38.560	45.555
22)	Mirex	8.109	7.179	115.6E6	782.0E6	41.461	51.374

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080925\
Data File : PD089823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 18:24
Operator : AR\AJ
Sample : Q2795-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

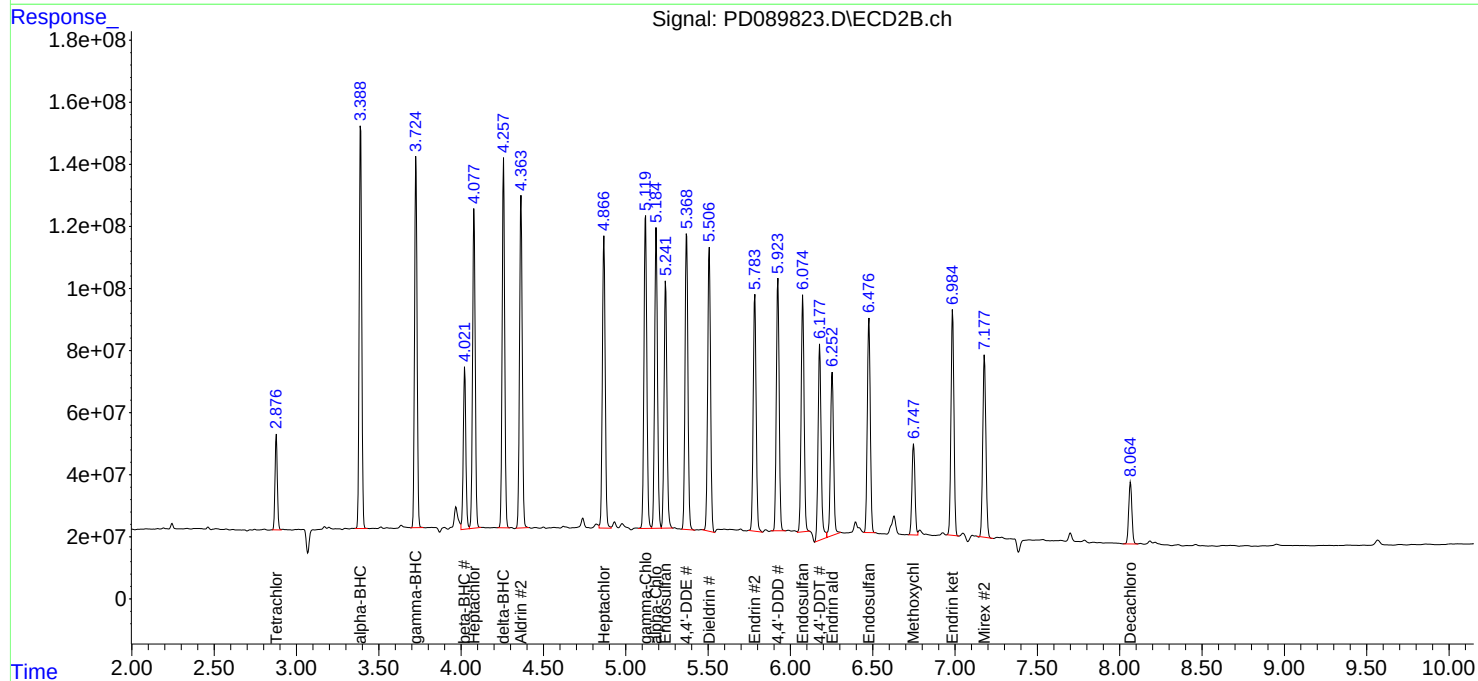
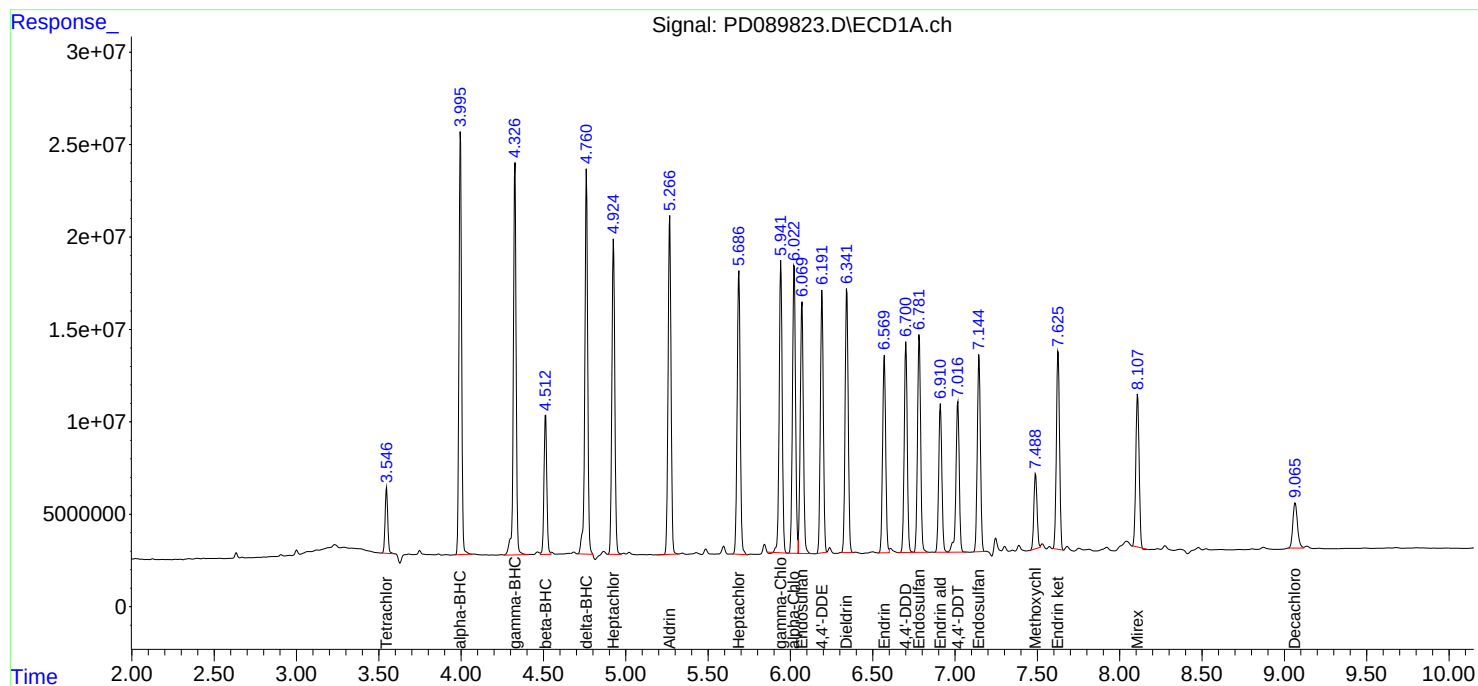
Instrument :
ECD_D
ClientSampleId :
COMP-1MS

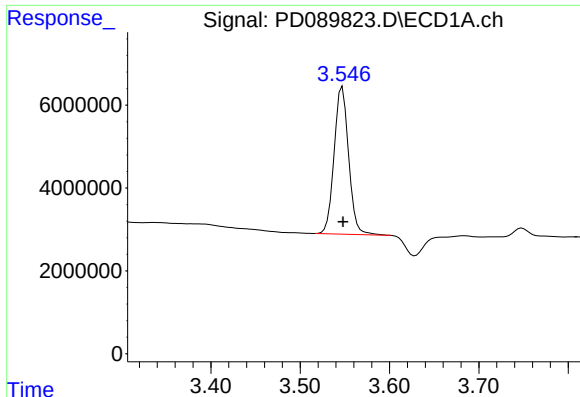
Manual Integrations
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Supervised By :mohammad ahmed 08/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 01:35:56 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





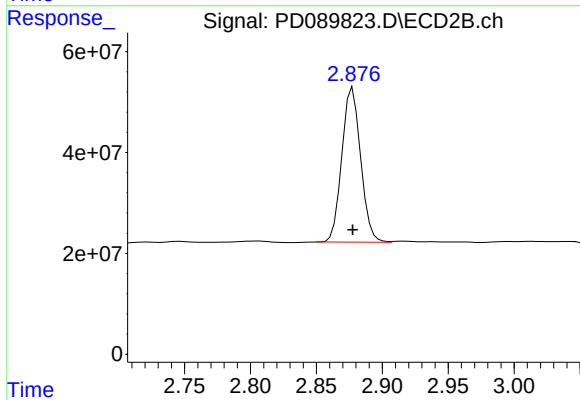
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 40109693
Conc: 16.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

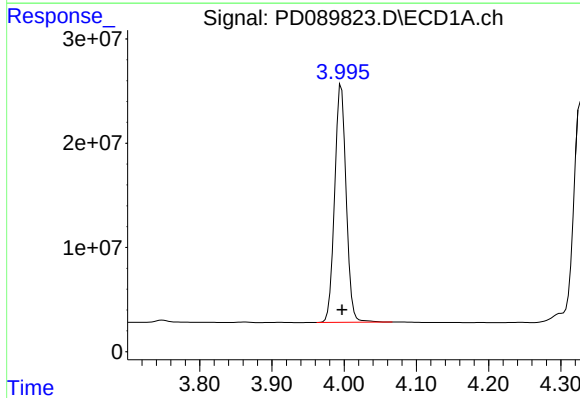
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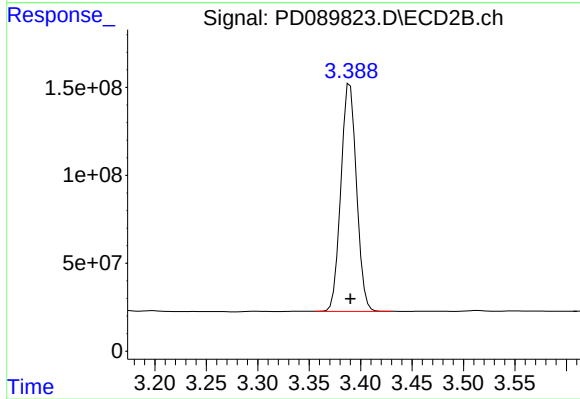
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 304007241
Conc: 19.19 ng/ml m



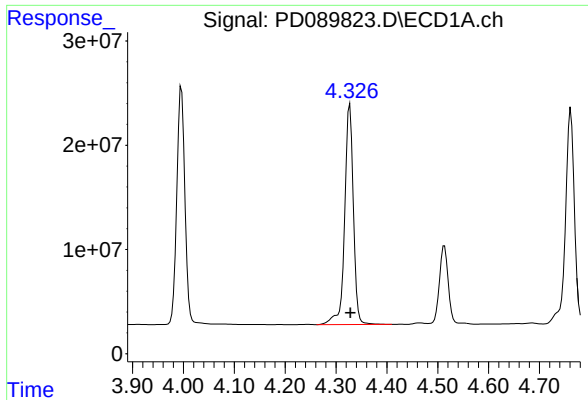
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 253224160
Conc: 51.12 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 1368444968
Conc: 56.30 ng/ml m



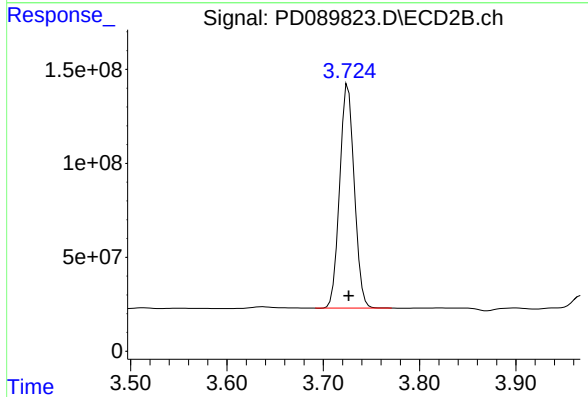
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 251815628
Conc: 52.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

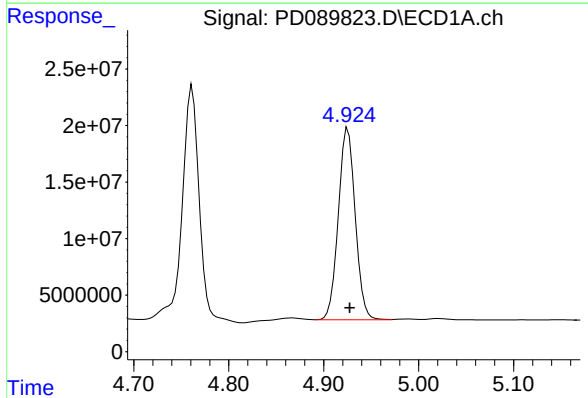
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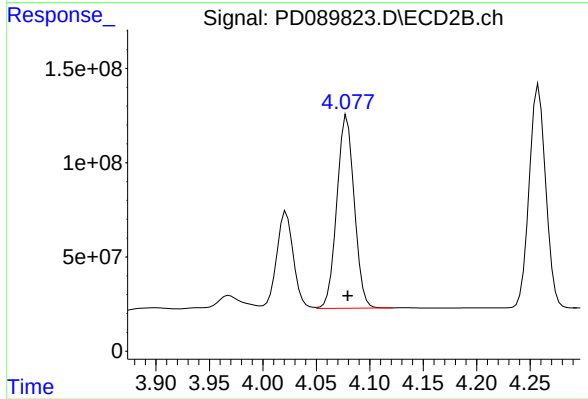
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1253775124
Conc: 55.66 ng/ml



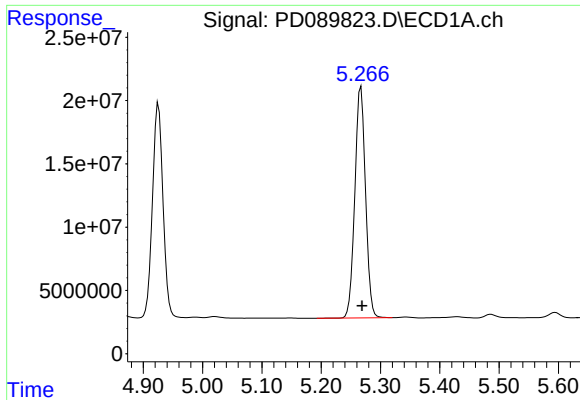
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 210185725
Conc: 43.68 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1160984923
Conc: 50.02 ng/ml



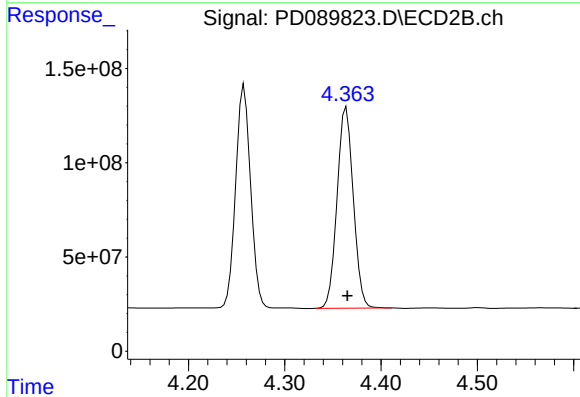
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 228823560
Conc: 50.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

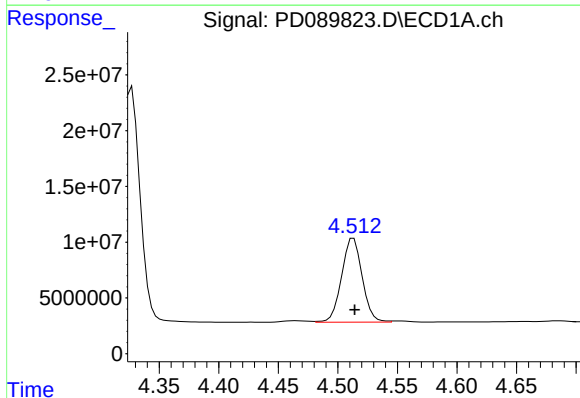
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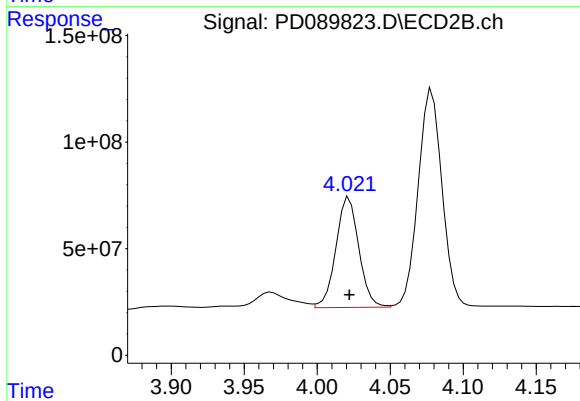
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 1248273747
Conc: 56.10 ng/ml



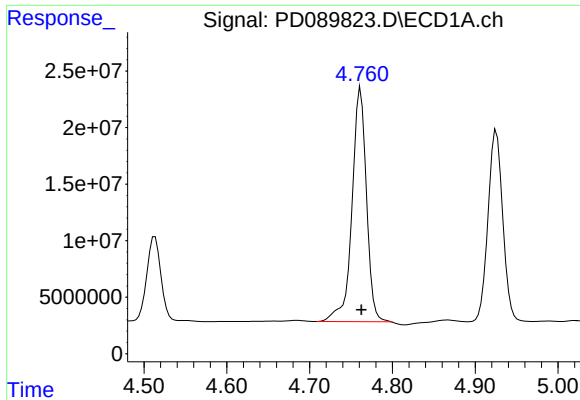
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 90529851
Conc: 49.08 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 564648611
Conc: 58.52 ng/ml



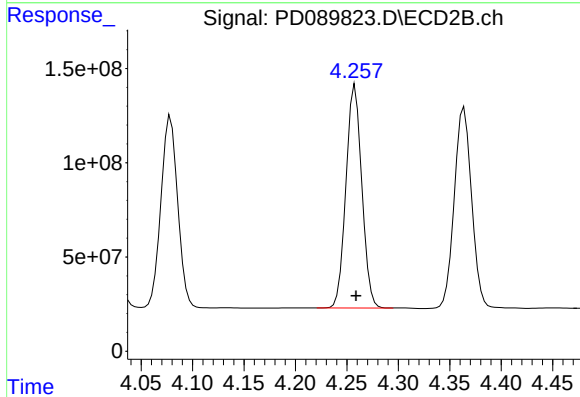
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: -0.001 min
Response: 251224171
Conc: 54.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

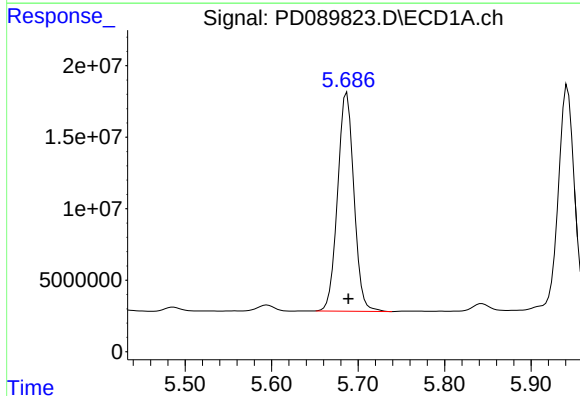
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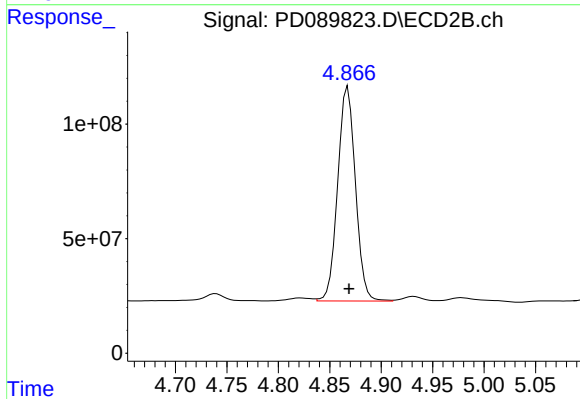
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1272196668
Conc: 56.01 ng/ml



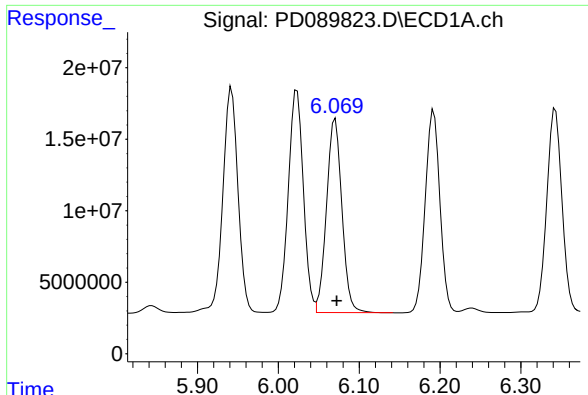
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 199235730
Conc: 47.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.001 min
Response: 1123410926
Conc: 54.67 ng/ml



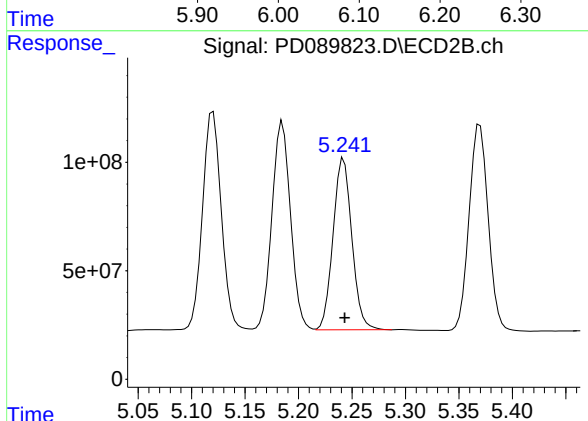
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 179545092
Conc: 45.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

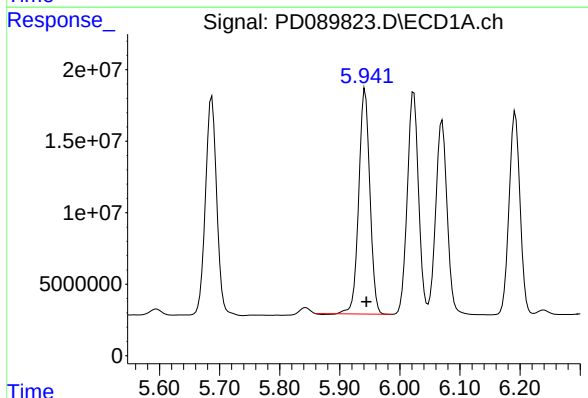
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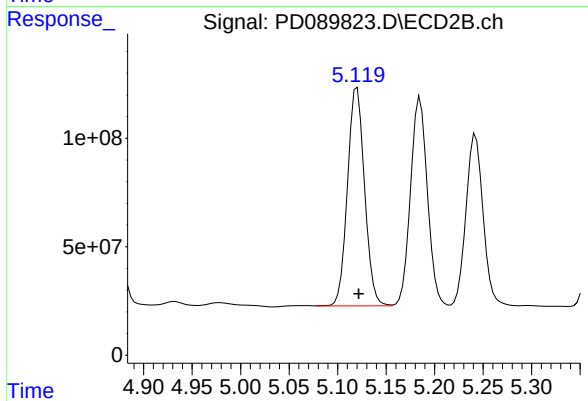
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 968386535
Conc: 49.54 ng/ml



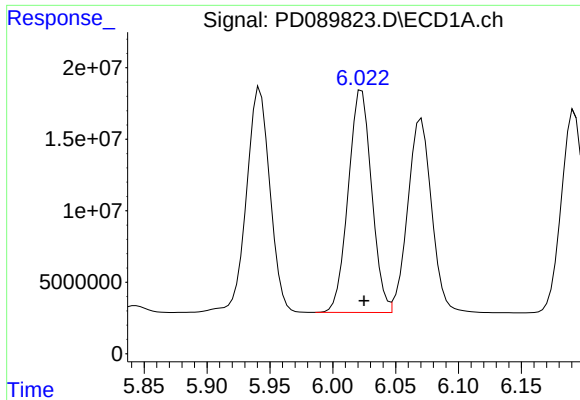
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 201841350
Conc: 48.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 1232644447
Conc: 56.93 ng/ml



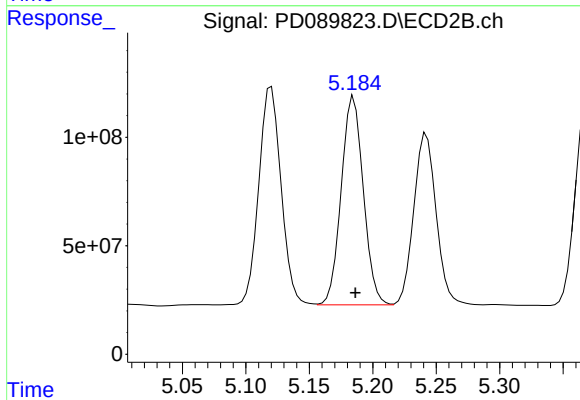
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 201781433
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

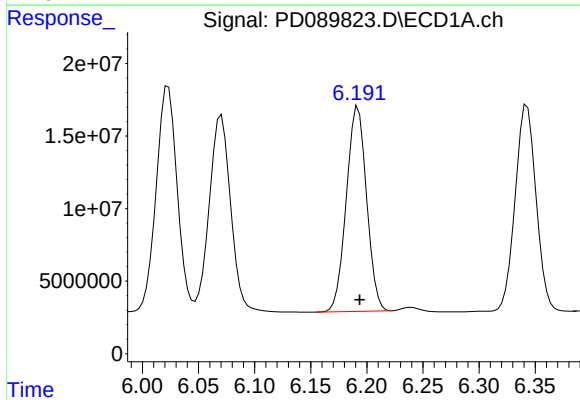
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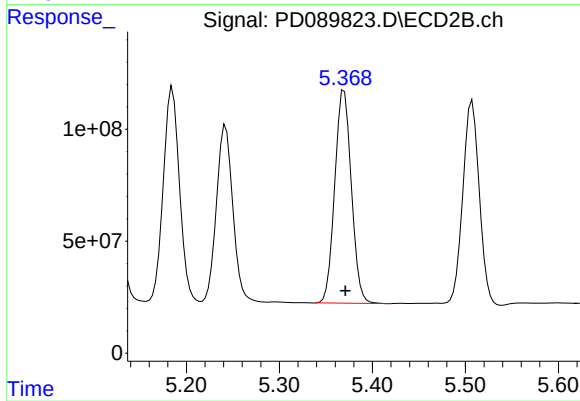
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 1164969220
Conc: 55.95 ng/ml



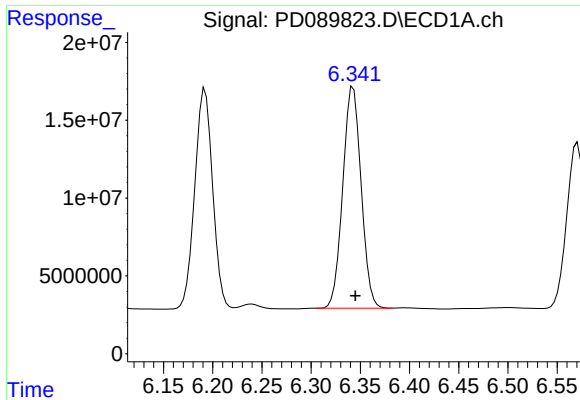
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 177333137
Conc: 47.55 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.001 min
Response: 1179695982
Conc: 55.81 ng/ml



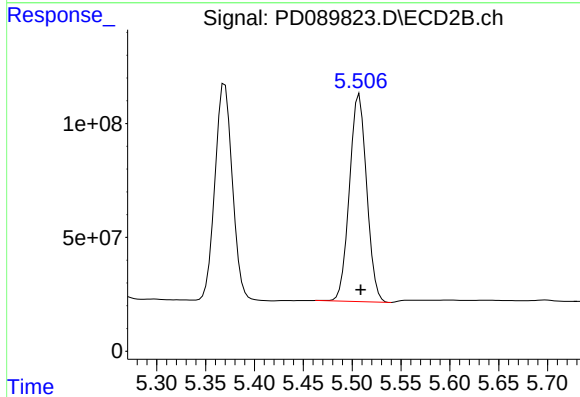
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 184301176
Conc: 43.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

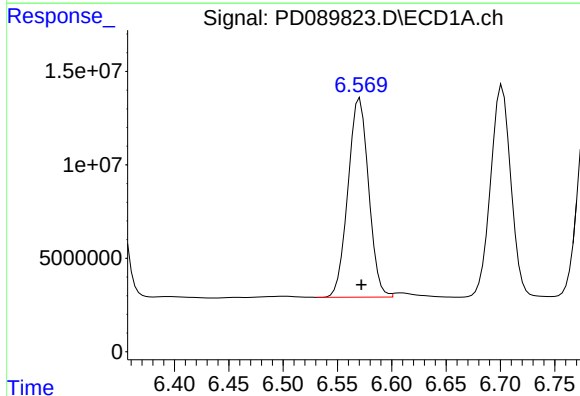
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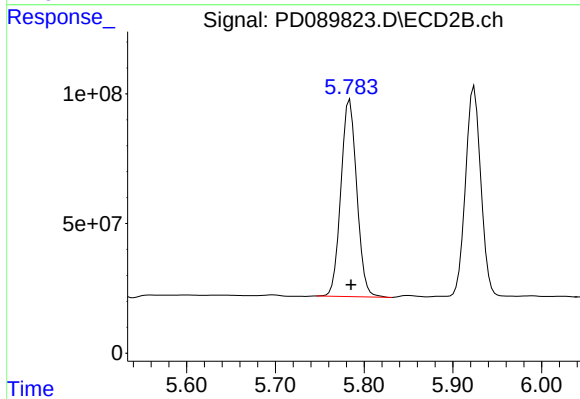
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: -0.001 min
Response: 1119290485
Conc: 51.73 ng/ml



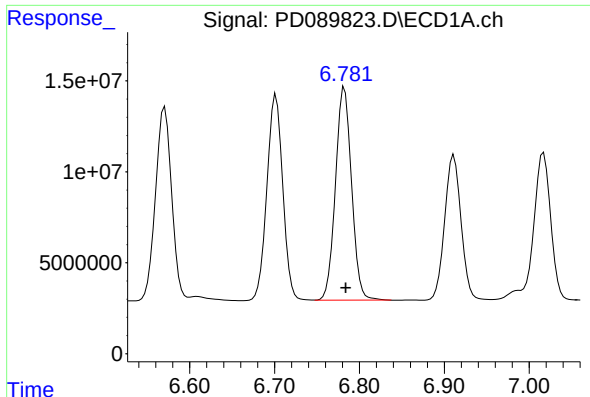
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 140928623
Conc: 39.39 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 946176160
Conc: 47.49 ng/ml



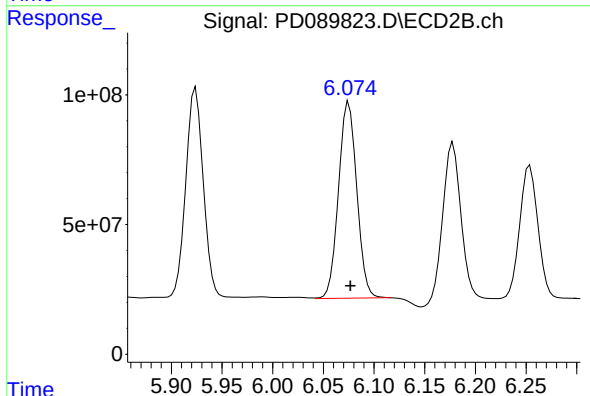
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: -0.002 min
Response: 154279506
Conc: 42.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

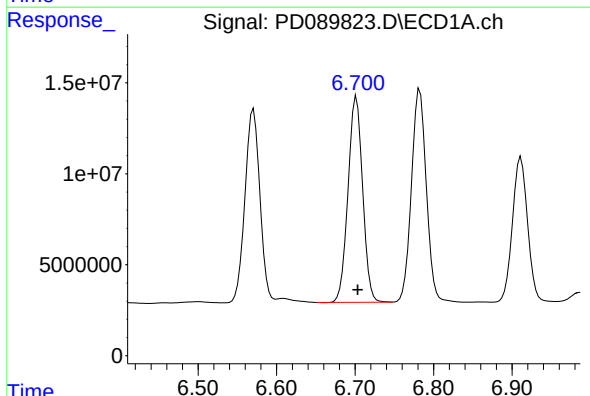
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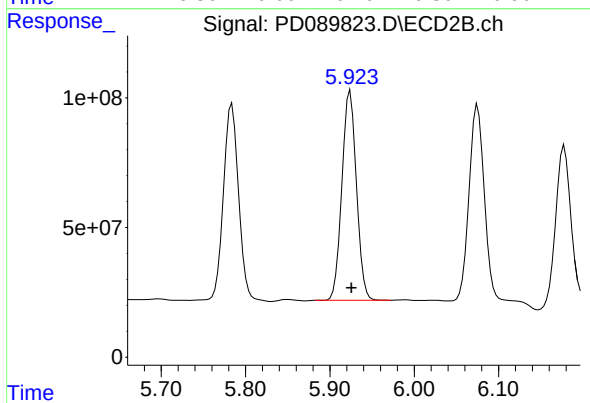
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 949019120
Conc: 50.48 ng/ml m



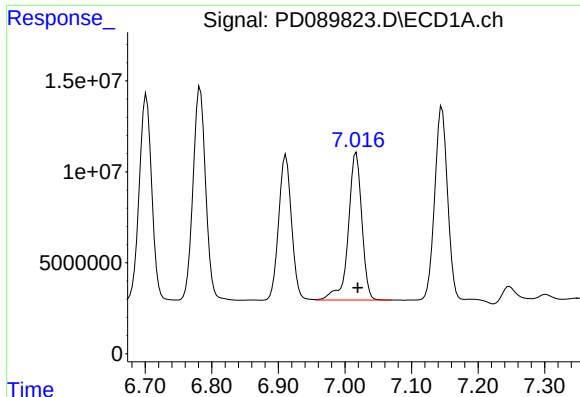
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 146501617
Conc: 48.92 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 967100296
Conc: 54.85 ng/ml



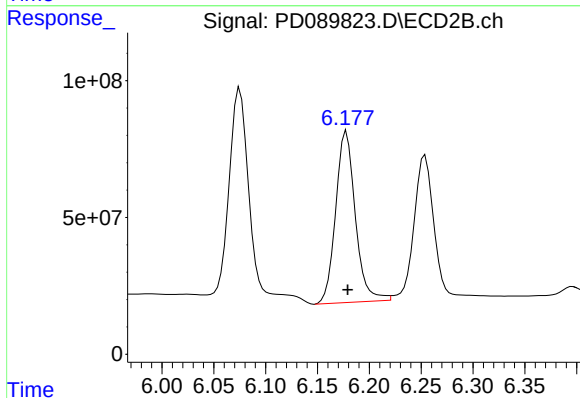
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 115036945
Conc: 34.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

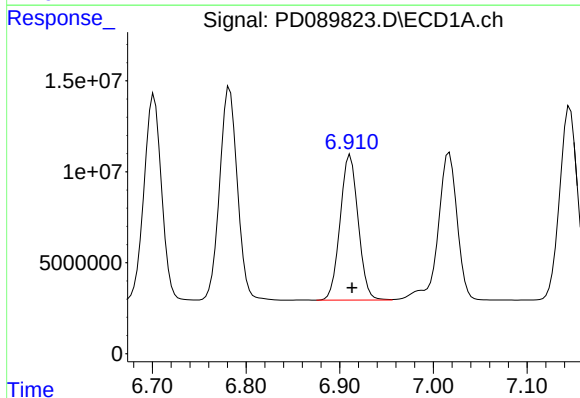
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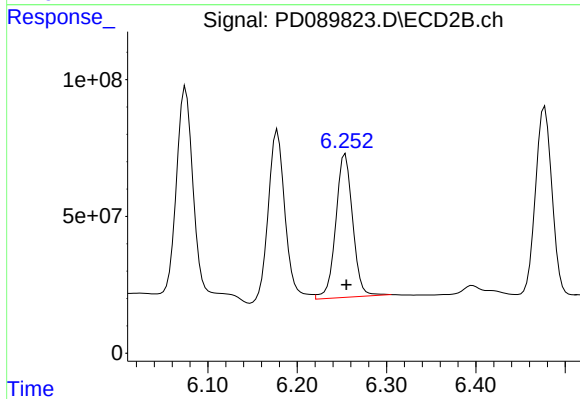
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 825269816
Conc: 44.92 ng/ml



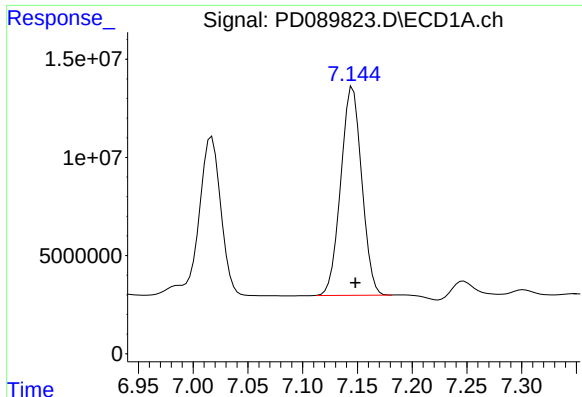
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 107063823
Conc: 42.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 686545597
Conc: 53.14 ng/ml



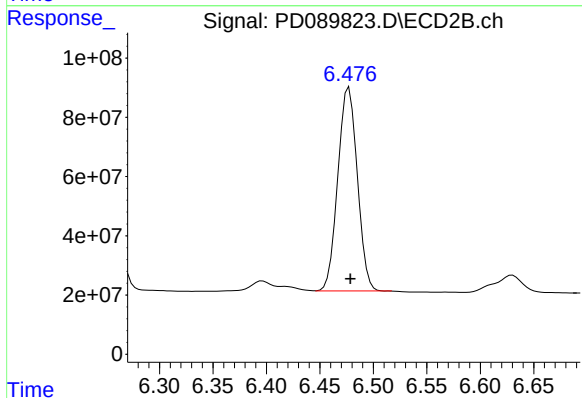
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 141426045
Conc: 40.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

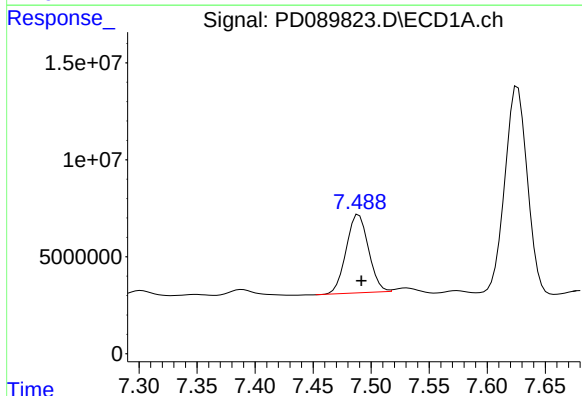
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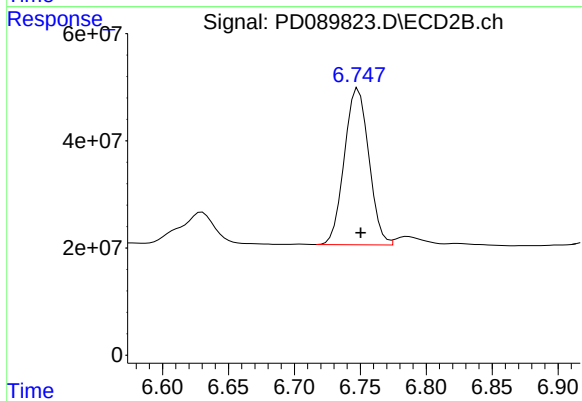
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: -0.001 min
Response: 874133939
Conc: 47.08 ng/ml



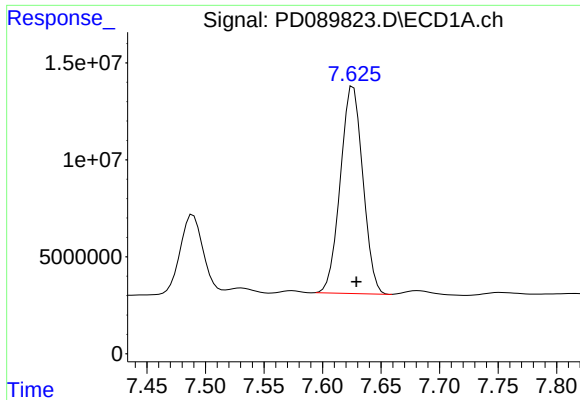
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 53887836
Conc: 30.14 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 377060260
Conc: 38.49 ng/ml



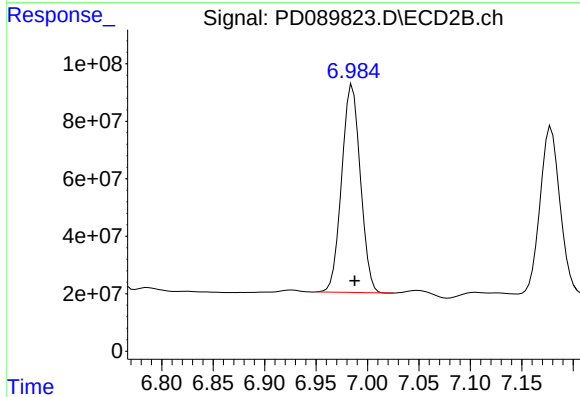
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.003 min
Response: 143217541
Conc: 38.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

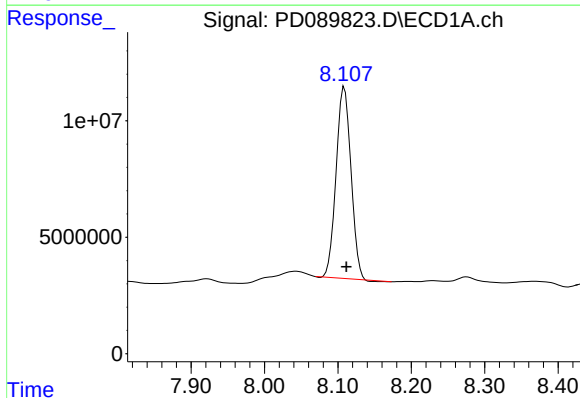
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2025
Supervised By :mohammad ahmed 08/12/2025



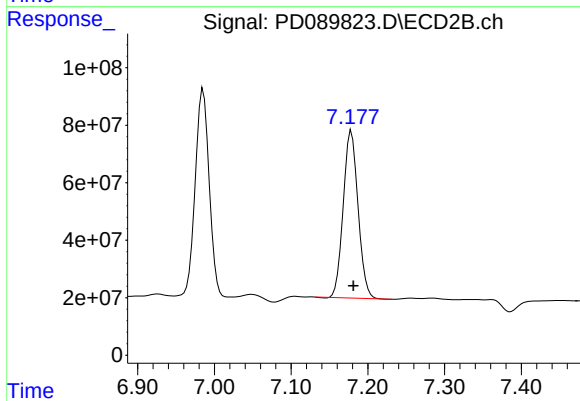
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 914208552
Conc: 45.56 ng/ml



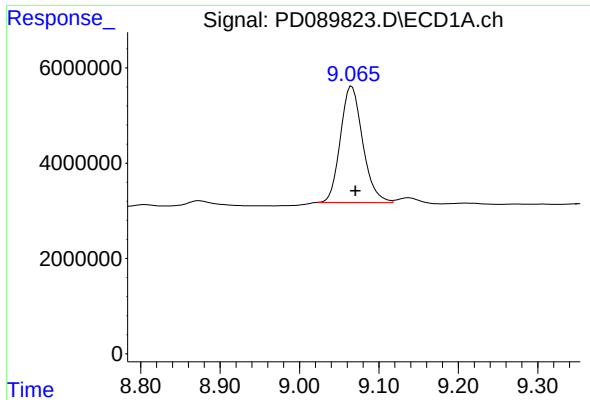
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.003 min
Response: 115607071
Conc: 41.46 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 781968260
Conc: 51.37 ng/ml



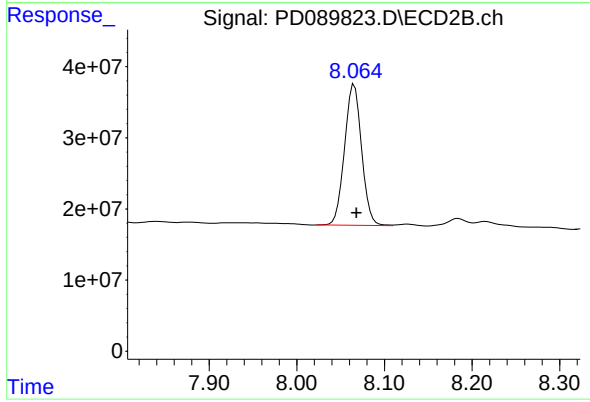
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.005 min
Response: 47615523
Conc: 12.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

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#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 268400405
Conc: 13.37 ng/ml