

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
 Data File : PD089457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 13:56
 Operator : AR\AJ
 Sample : Q2560-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LP-7102025MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 22:51:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.549	2.879	45181319	341.4E6	15.836m	20.137m#
28)	SA Decachlor...	9.070	8.069	68805107	323.3E6	17.518m	16.354
Target Compounds							
2)	A alpha-BHC	3.999	3.391	242.2E6	1180.2E6	41.557	44.042m
3)	MA gamma-BHC...	4.328	3.728	264.7E6	1033.6E6	47.423m	41.750
4)	MA Heptachlor	4.929	4.080	239.7E6	1083.7E6	43.961	43.280m
5)	MB Aldrin	5.270	4.367	246.5E6	1065.7E6	46.401	44.004
6)	B beta-BHC	4.516	4.024	65977385	603.6E6	29.893	56.167m#
7)	B delta-BHC	4.764	4.261	226.8E6	1106.7E6	44.185	44.493
8)	B Heptachlo...	5.689	4.869	235.6E6	1084.2E6	48.845m	49.513m
9)	A Endosulfan I	6.073	5.246	203.1E6	839.6E6	45.062	40.285m
10)	B gamma-Chl...	5.945	5.122	246.5E6	1249.2E6	51.487	52.218m
11)	B alpha-Chl...	6.027	5.188	294.4E6	1406.6E6	60.852	61.430
12)	B 4,4'-DDE	6.195	5.372	155.1E6	987.3E6	35.570	43.082m
13)	MA Dieldrin	6.346	5.510	207.4E6	1047.8E6	43.240	45.148m
14)	MA Endrin	6.573	5.786	168.9E6	940.9E6	40.931	43.331m
15)	B Endosulfa...	6.785	6.077	164.9E6	993.4E6	40.841	49.189m
16)	A 4,4'-DDD	6.702	5.927	155.4E6	720.9E6	45.282m	37.684m
17)	MA 4,4'-DDT	7.020	6.181	163.1E6	891.4E6	43.053	43.957
18)	B Endrin al...	6.914	6.256	125.0E6	647.5E6	40.787	42.287m
19)	B Endosulfa...	7.148	6.481	151.8E6	821.0E6	39.550	41.842
20)	A Methoxychlor	7.491	6.752	85952808	426.5E6	42.538m	39.610
21)	B Endrin ke...	7.629	6.989	160.3E6	828.4E6	39.351	38.350
22)	Mirex	8.111	7.183	116.6E6	613.3E6	38.342m	36.772

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
Data File : PD089457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 13:56
Operator : AR\AJ
Sample : Q2560-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

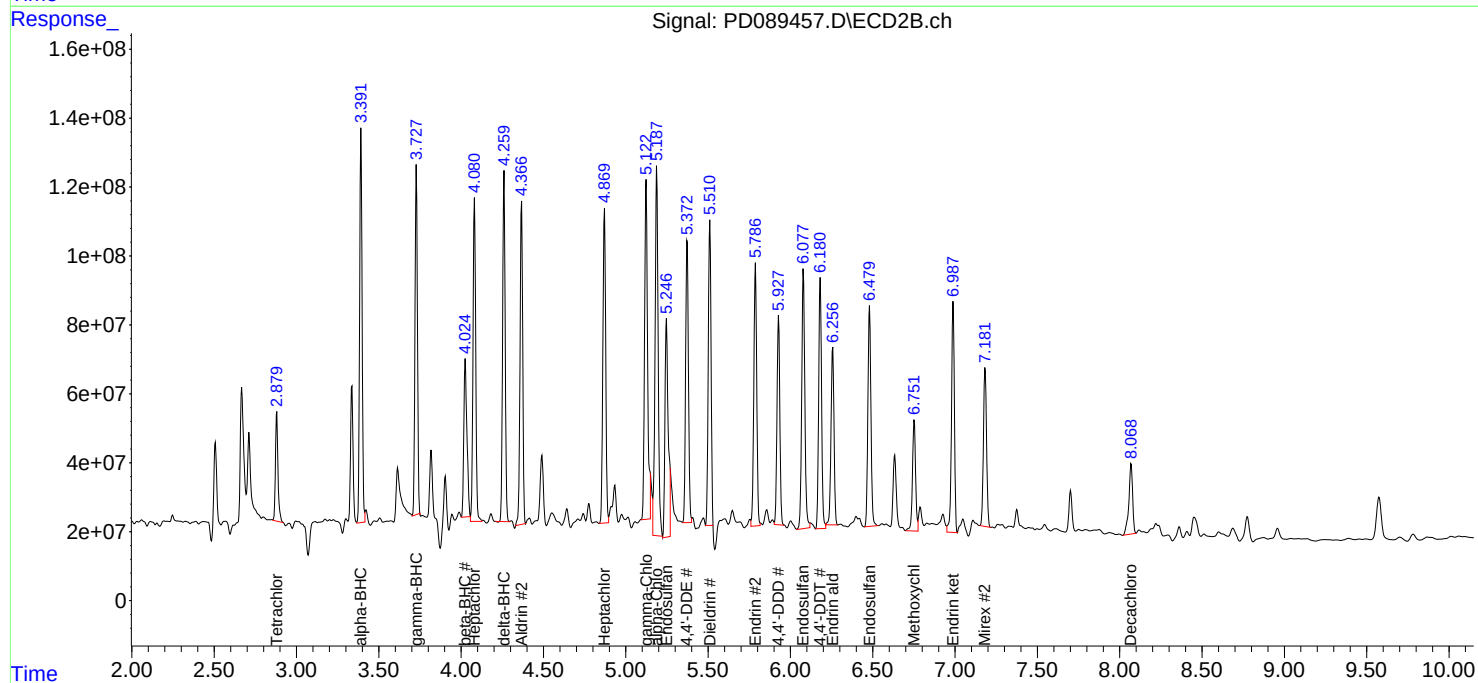
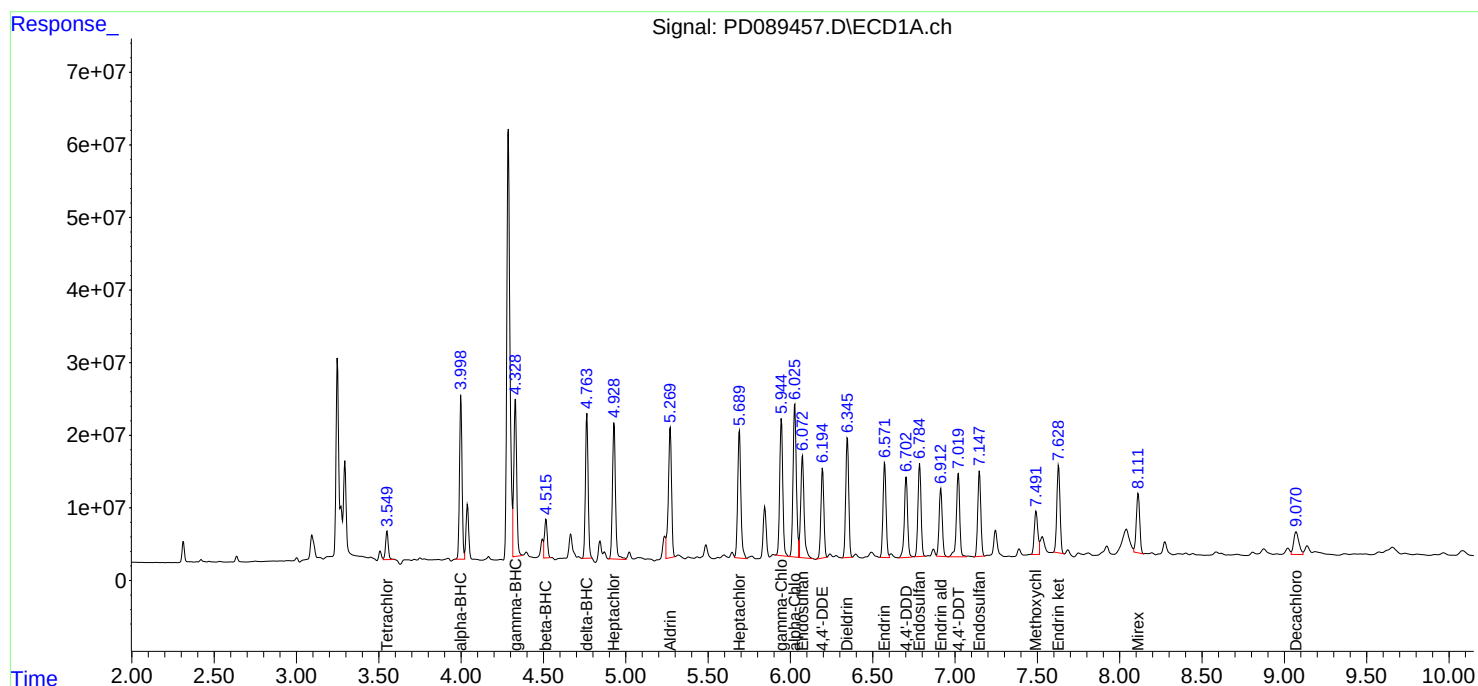
Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

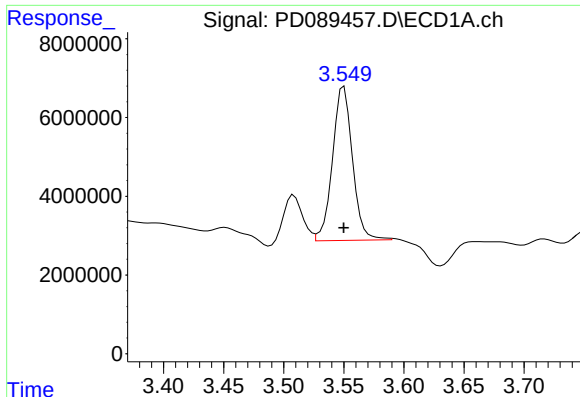
Manual Integrations
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Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:51:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





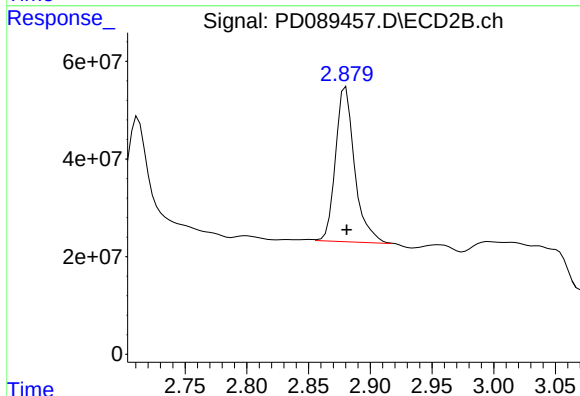
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 45181319
Conc: 15.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

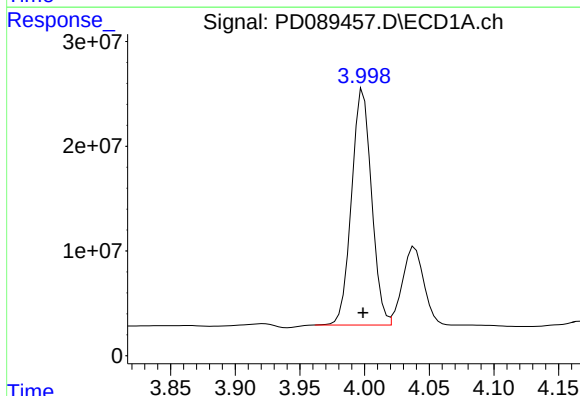
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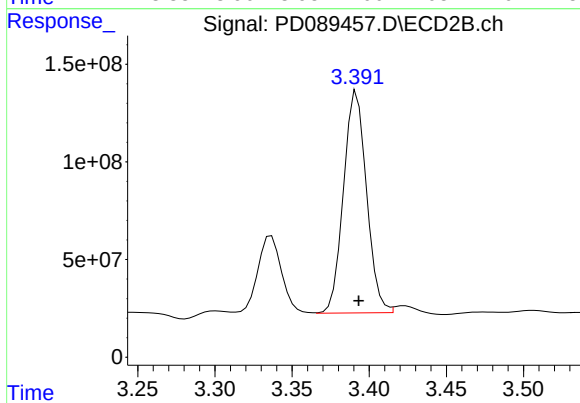
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 341391200
Conc: 20.14 ng/ml m



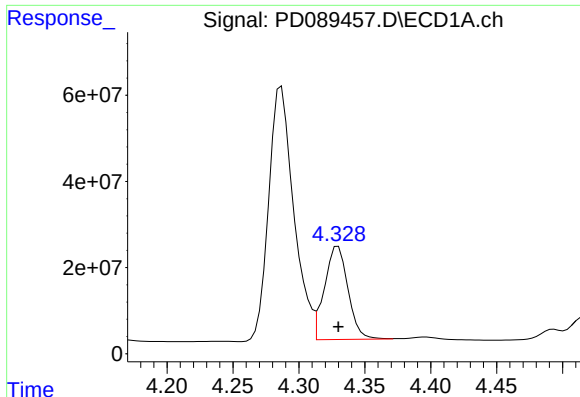
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 242239022
Conc: 41.56 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 1180191354
Conc: 44.04 ng/ml m



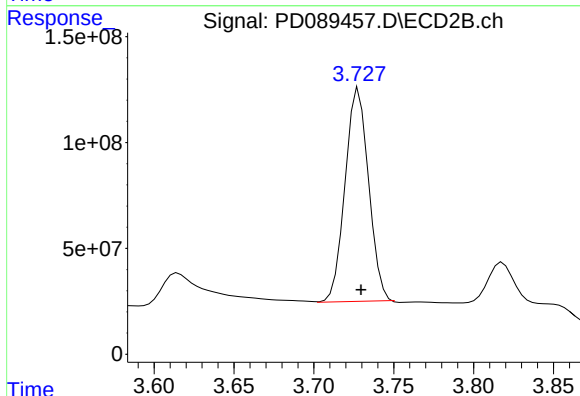
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 264702877
Conc: 47.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

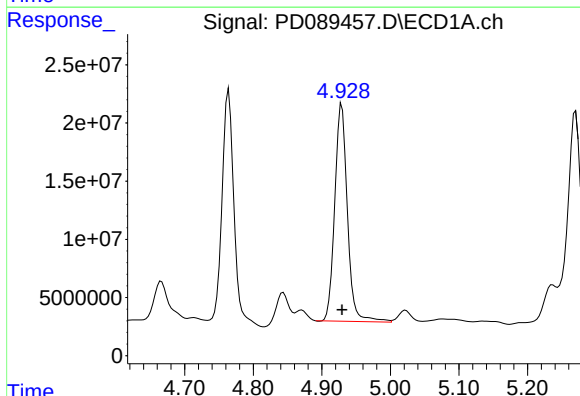
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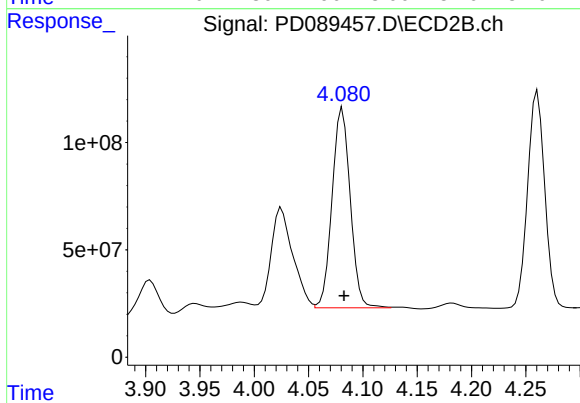
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.001 min
Response: 1033599257
Conc: 41.75 ng/ml



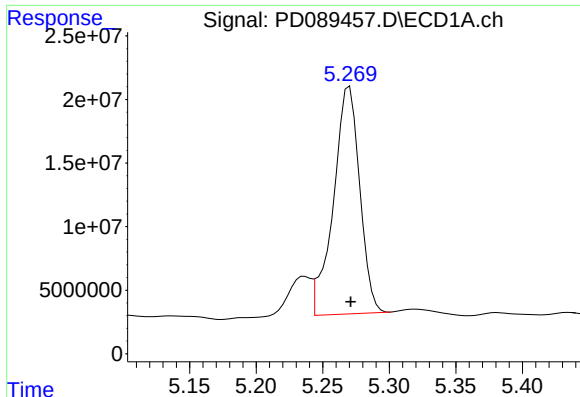
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 239672422
Conc: 43.96 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 1083651335
Conc: 43.28 ng/ml m



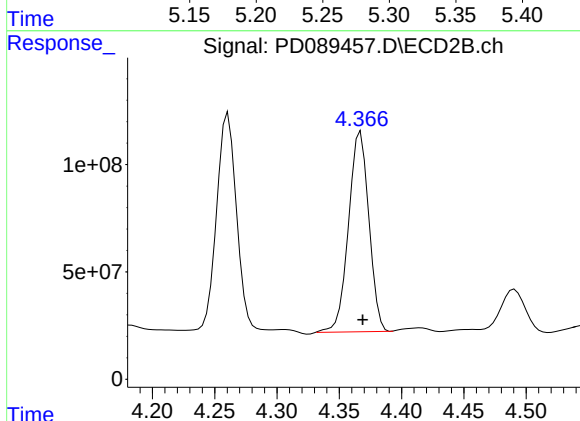
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 246529176
Conc: 46.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

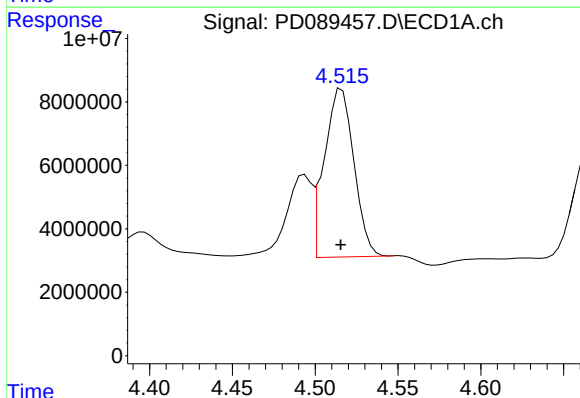
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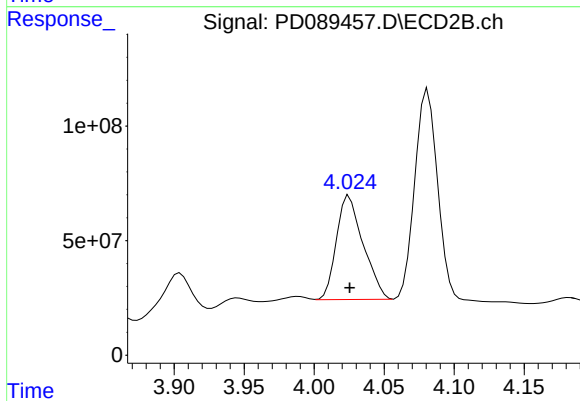
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 1065654526
Conc: 44.00 ng/ml



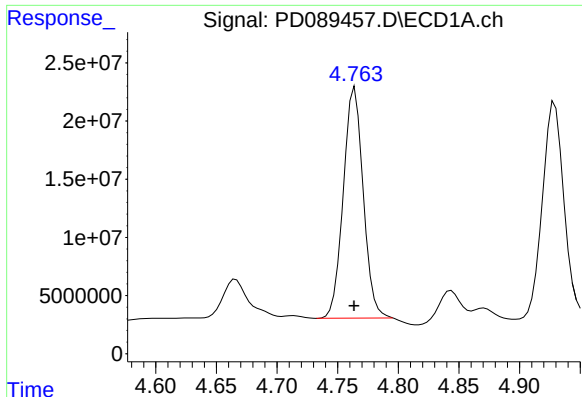
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 65977385
Conc: 29.89 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 603584811
Conc: 56.17 ng/ml m



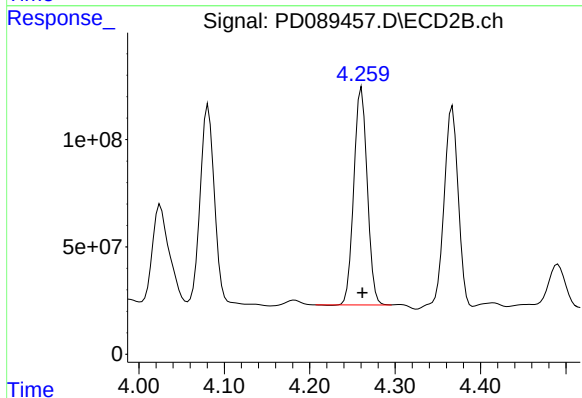
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 226795716
Conc: 44.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

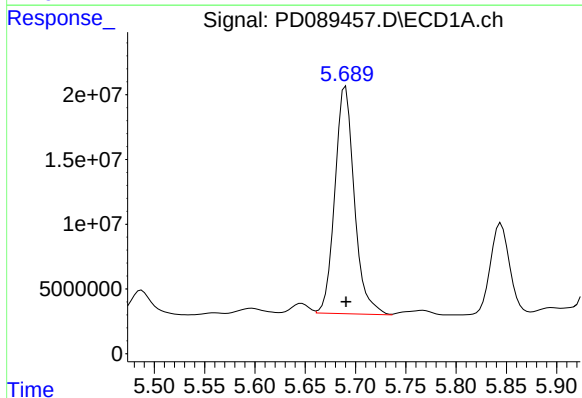
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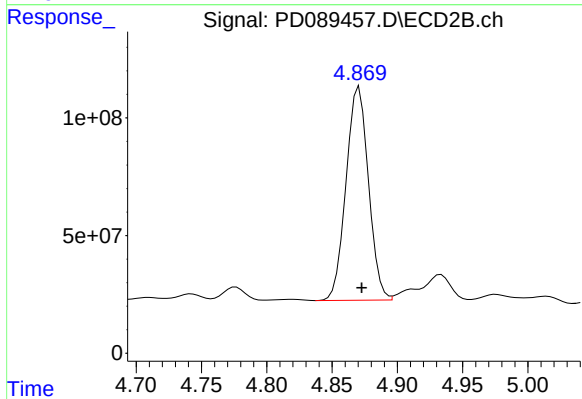
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 1106690629
Conc: 44.49 ng/ml



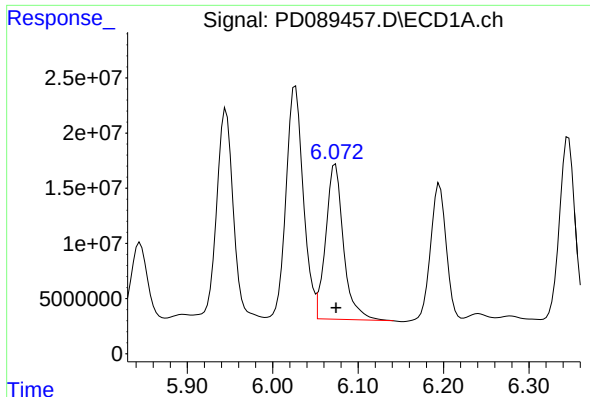
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 235626789
Conc: 48.85 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: -0.003 min
Response: 1084246163
Conc: 49.51 ng/ml m



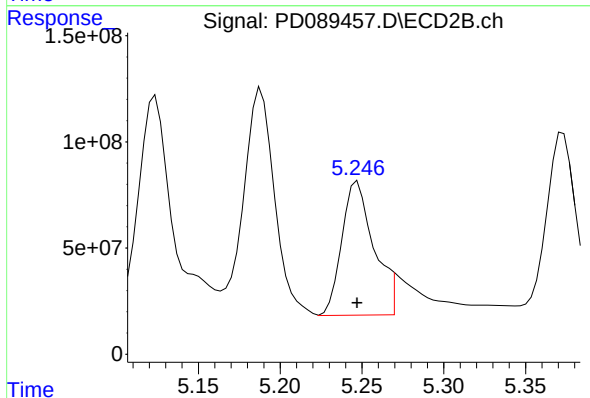
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 203112856
Conc: 45.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

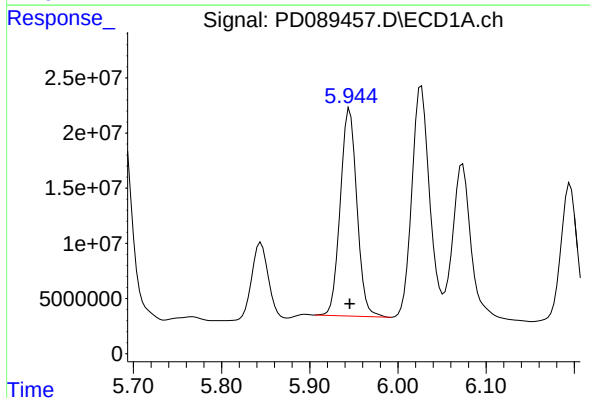
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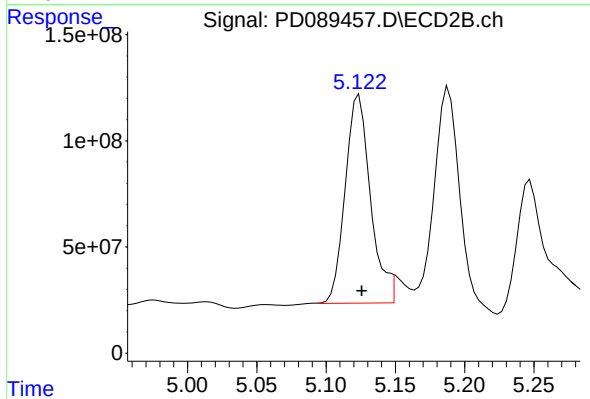
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: -0.001 min
Response: 839637096
Conc: 40.28 ng/ml m



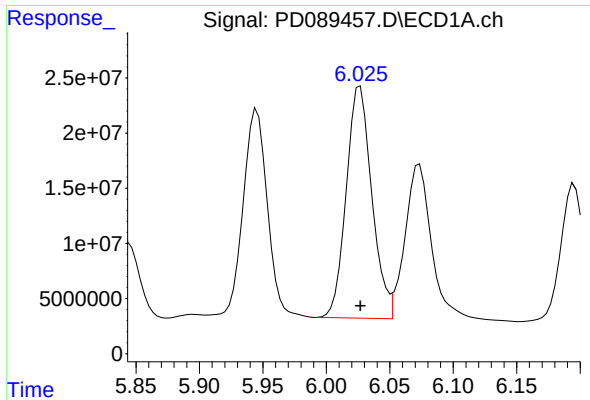
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 246526854
Conc: 51.49 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: -0.003 min
Response: 1249191313
Conc: 52.22 ng/ml m



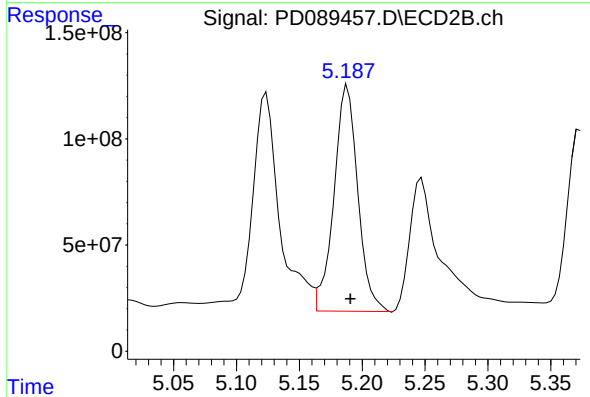
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 294435931
Conc: 60.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

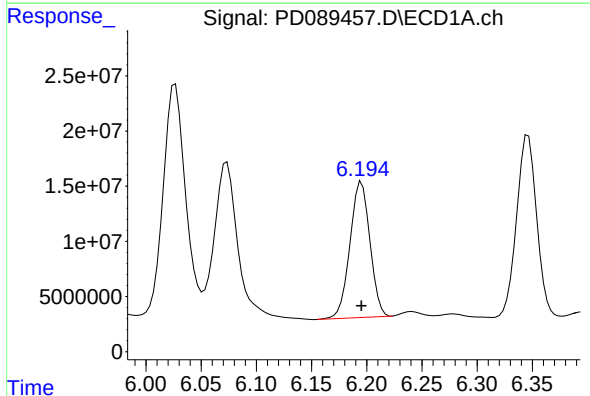
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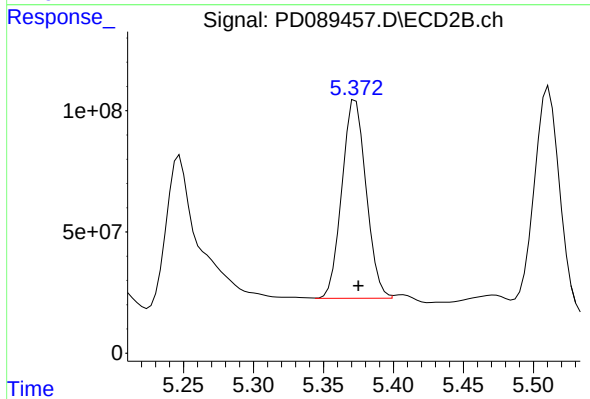
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 1406561184
Conc: 61.43 ng/ml



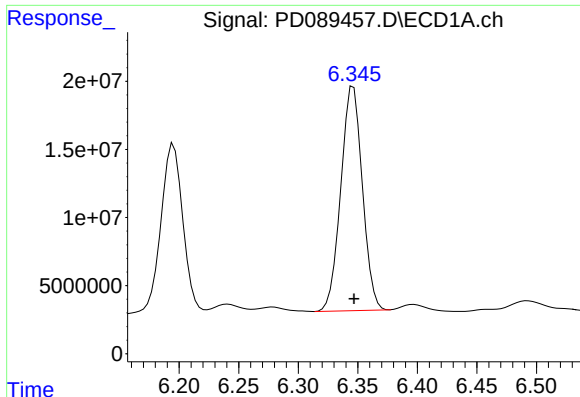
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 155123661
Conc: 35.57 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.004 min
Response: 987268794
Conc: 43.08 ng/ml m



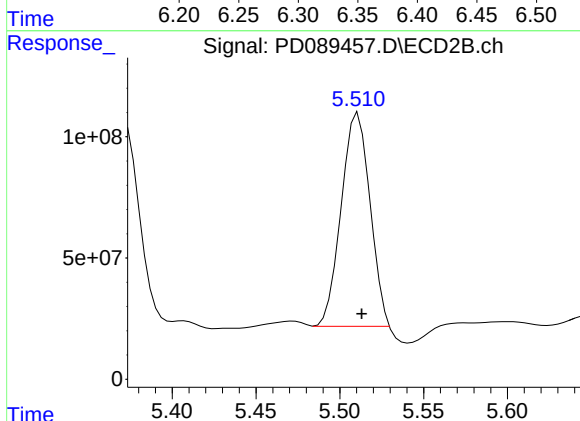
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 207440059
Conc: 43.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

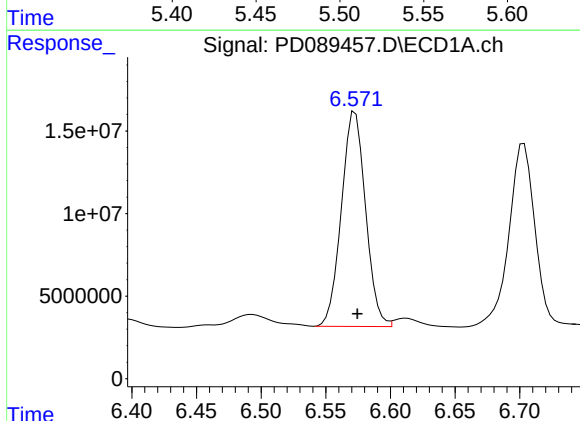
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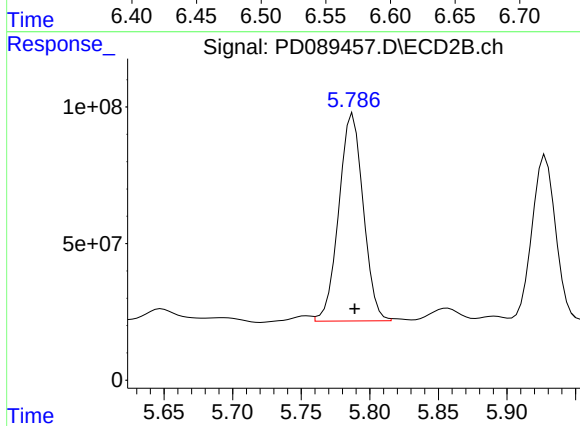
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 1047820964
Conc: 45.15 ng/ml m



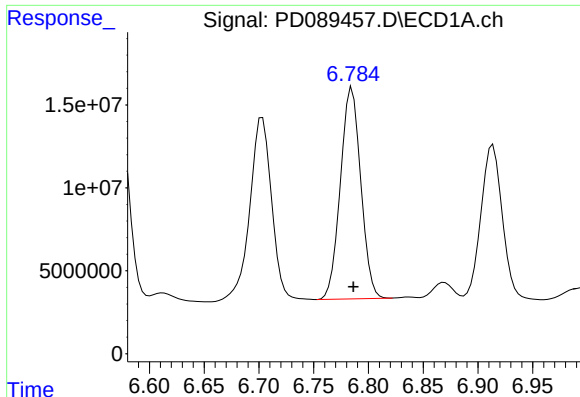
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 168863769
Conc: 40.93 ng/ml



#14 Endrin

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 940880543
Conc: 43.33 ng/ml m



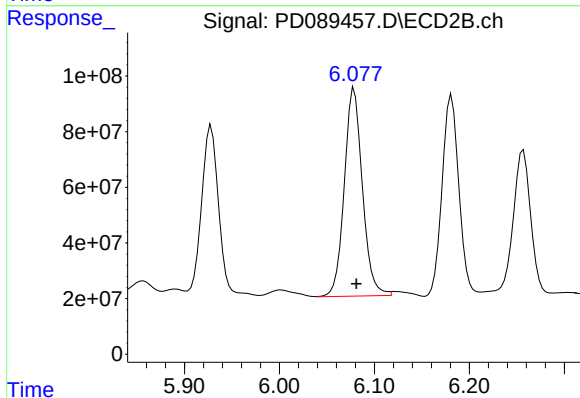
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 164858487
Conc: 40.84 ng/ml

Instrument :
ECD_D
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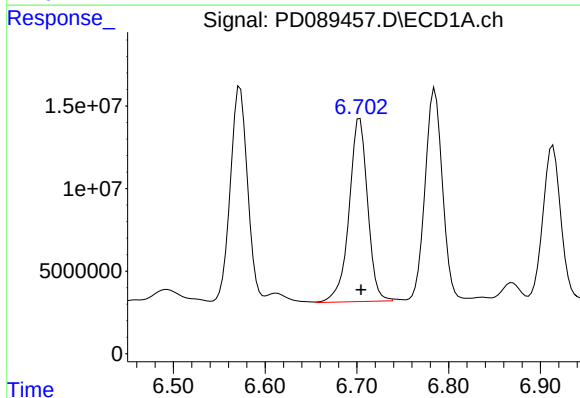
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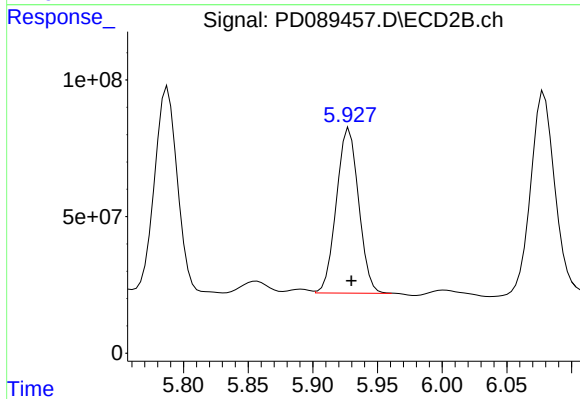
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 993448699
Conc: 49.19 ng/ml m



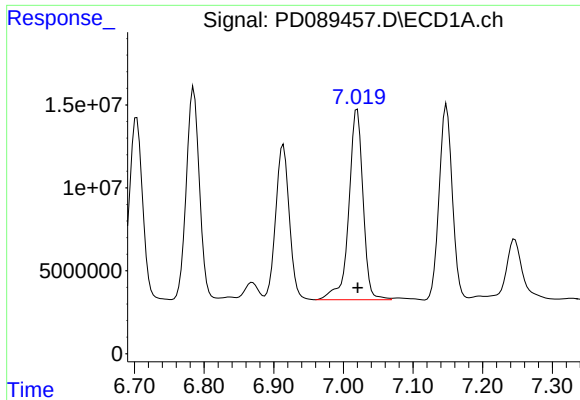
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 155408602
Conc: 45.28 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 720873492
Conc: 37.68 ng/ml m



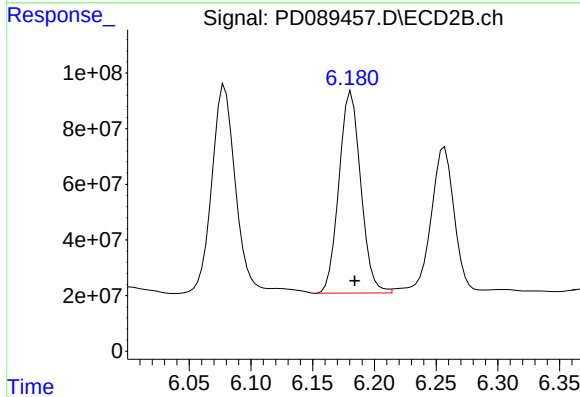
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 163093187
Conc: 43.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

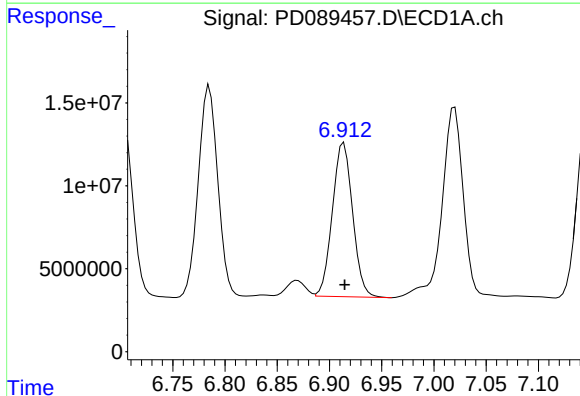
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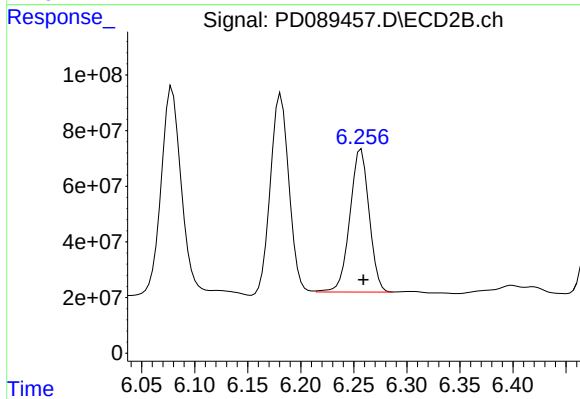
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 891425505
Conc: 43.96 ng/ml



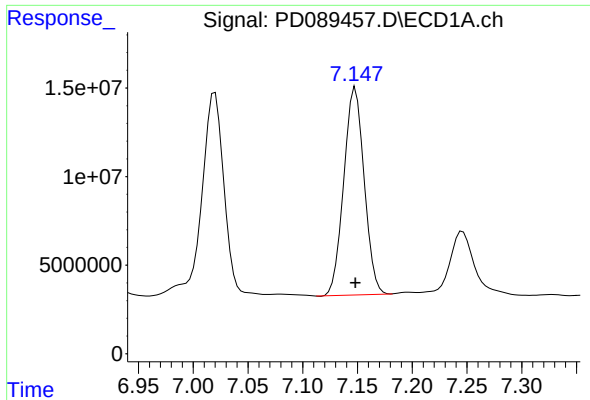
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 124968770
Conc: 40.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: -0.004 min
Response: 647475173
Conc: 42.29 ng/ml m



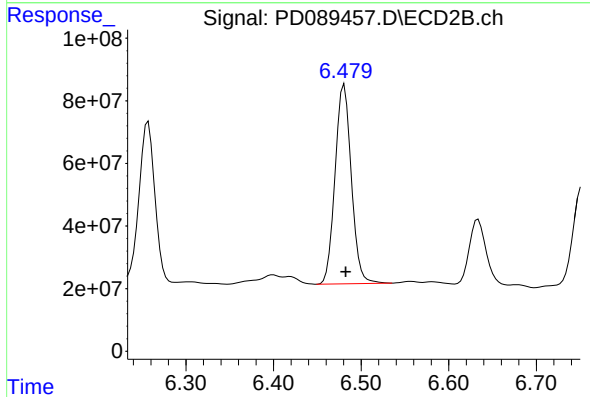
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 151763777
Conc: 39.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
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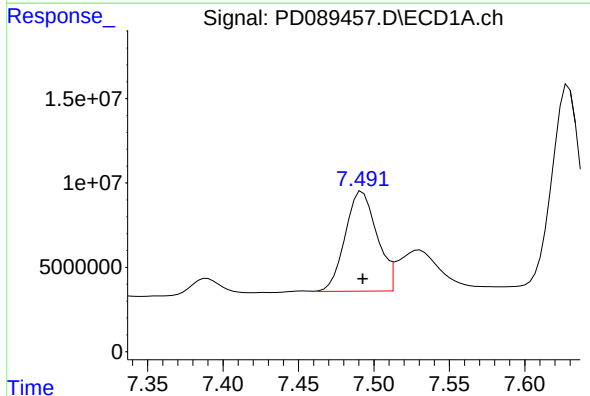
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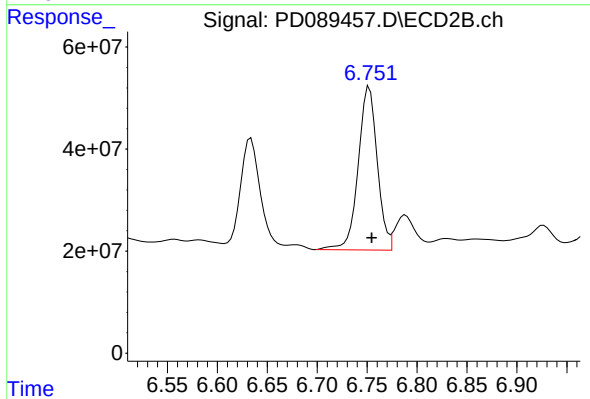
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 820993893
Conc: 41.84 ng/ml



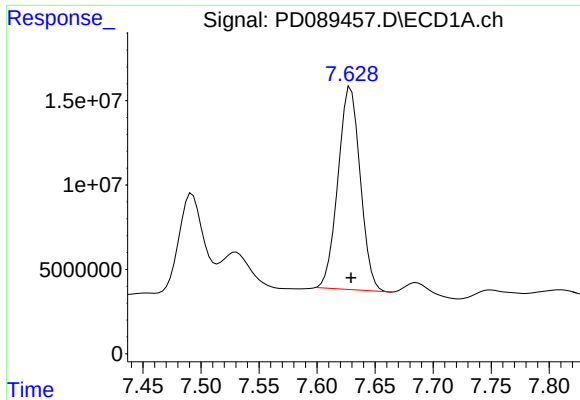
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 85952808
Conc: 42.54 ng/ml m



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 426526191
Conc: 39.61 ng/ml



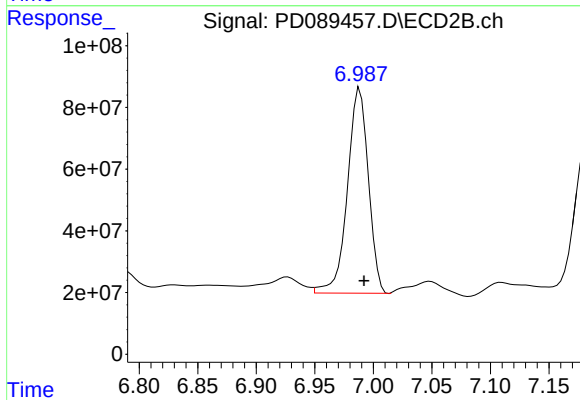
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 160281153
Conc: 39.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

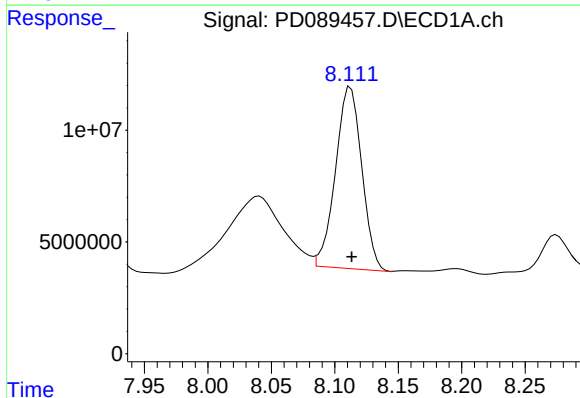
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



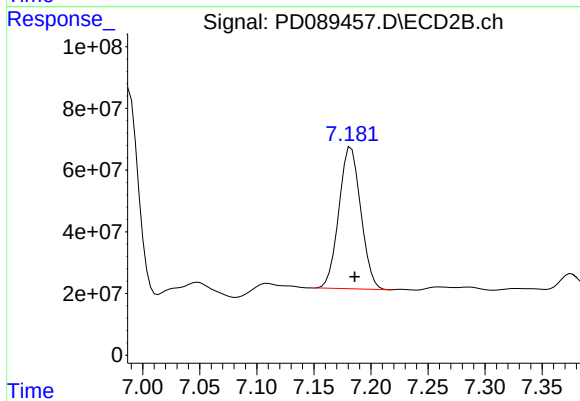
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 828425206
Conc: 38.35 ng/ml



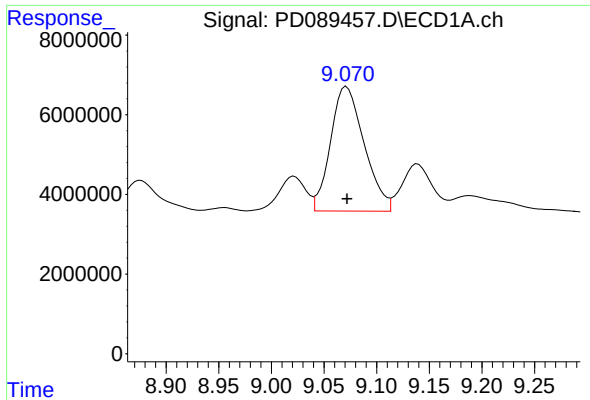
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.002 min
Response: 116563710
Conc: 38.34 ng/ml m



#22 Mirex

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 613284121
Conc: 36.77 ng/ml



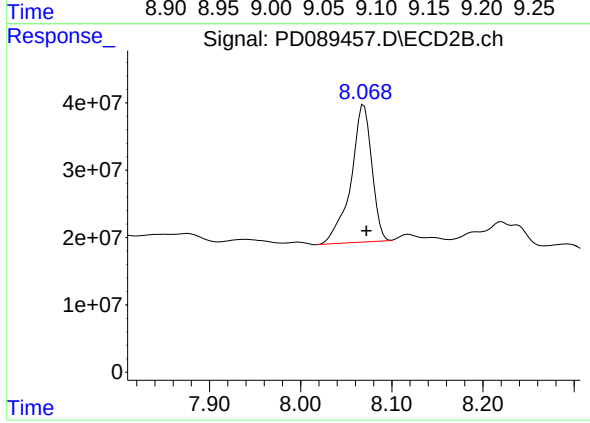
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.002 min
Response: 68805107
Conc: 17.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 323320126
Conc: 16.35 ng/ml