

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
 Data File : PD089275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 16:23
 Operator : AR\AJ
 Sample : PB168672BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168672BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:47:27 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...	3.556	2.880	52242928	351.9E6	18.311	20.757
28)	SA Decachlor...	9.081	8.074	80959011	385.8E6	20.613	19.517
Target Compounds							
2)	A alpha-BHC	4.006	3.393	326.9E6	1497.1E6	56.083	55.869
3)	MA gamma-BHC...	4.337	3.728	311.6E6	1371.6E6	55.828	55.401m
4)	MA Heptachlor	4.936	4.083	297.3E6	1322.0E6	54.531	52.798
5)	MB Aldrin	5.278	4.369	297.8E6	1337.7E6	56.057	55.236
6)	B beta-BHC	4.522	4.025	117.2E6	581.0E6	53.090	54.068
7)	B delta-BHC	4.771	4.262	295.7E6	1365.2E6	57.604	54.884
8)	B Heptachlo...	5.698	4.873	260.4E6	1269.3E6	53.983	57.966
9)	A Endosulfan I	6.081	5.248	247.1E6	1154.4E6	54.825	55.389
10)	B gamma-Chl...	5.953	5.125	265.6E6	1282.5E6	55.470	53.611m
11)	B alpha-Chl...	6.034	5.191	263.0E6	1248.2E6	54.364	54.512
12)	B 4,4'-DDE	6.203	5.376	241.3E6	1235.2E6	55.328	53.903
13)	MA Dieldrin	6.354	5.514	264.9E6	1254.1E6	55.218	54.038
14)	MA Endrin	6.581	5.790	204.4E6	1074.3E6	49.547	49.474
15)	B Endosulfa...	6.793	6.082	217.3E6	1077.5E6	53.823	53.350
16)	A 4,4'-DDD	6.712	5.930	193.2E6	1029.6E6	56.282	53.822
17)	MA 4,4'-DDT	7.029	6.185	184.9E6	970.4E6	48.798	47.851
18)	B Endrin al...	6.922	6.260	163.6E6	807.9E6	53.379	52.768
19)	B Endosulfa...	7.156	6.483	204.3E6	1036.6E6	53.237	52.832
20)	A Methoxychlor	7.500	6.755	98676499	537.4E6	48.835	49.906
21)	B Endrin ke...	7.637	6.993	223.4E6	1156.1E6	54.858	53.518
22)	Mirex	8.120	7.186	126.0E6	685.2E6	41.454	41.086

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
Data File : PD089275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 16:23
Operator : AR\AJ
Sample : PB168672BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

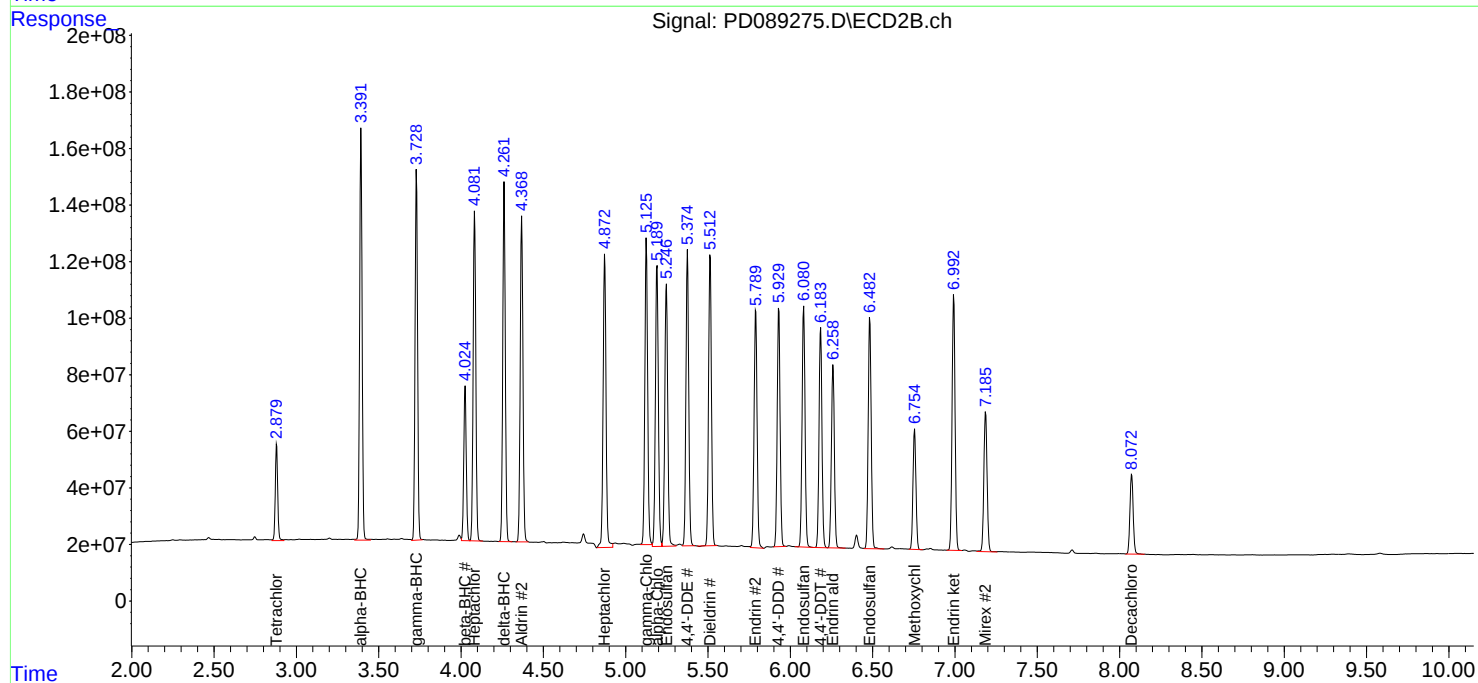
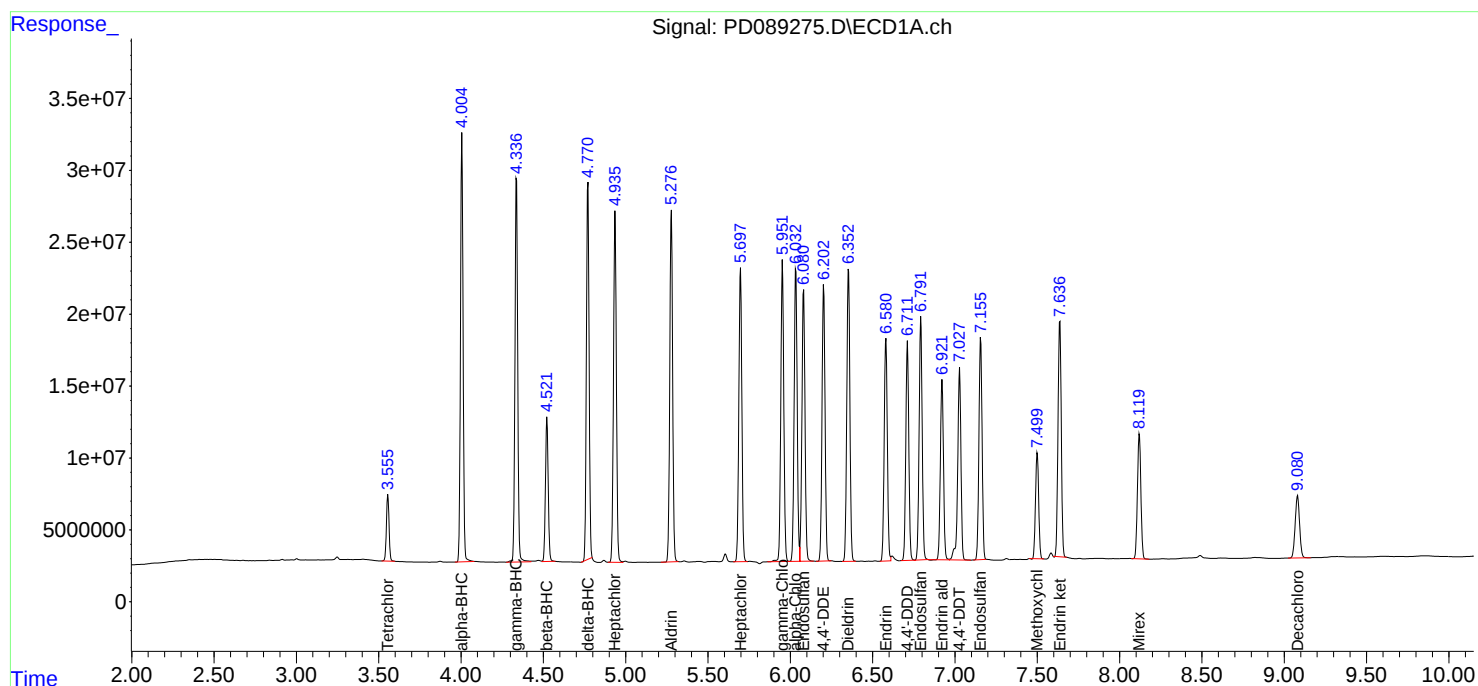
Instrument :
ECD_D
ClientSampleId :
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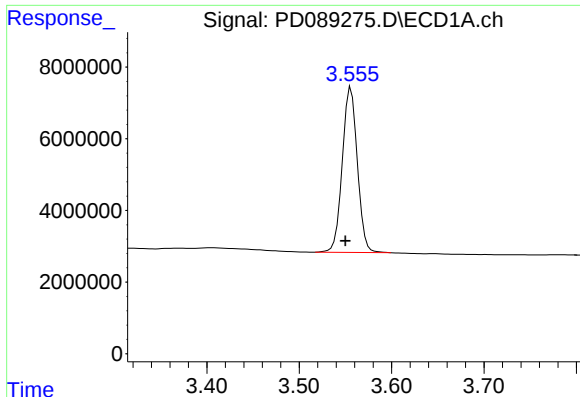
Manual Integrations
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Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:47:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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Volume Inj. : 1 µl
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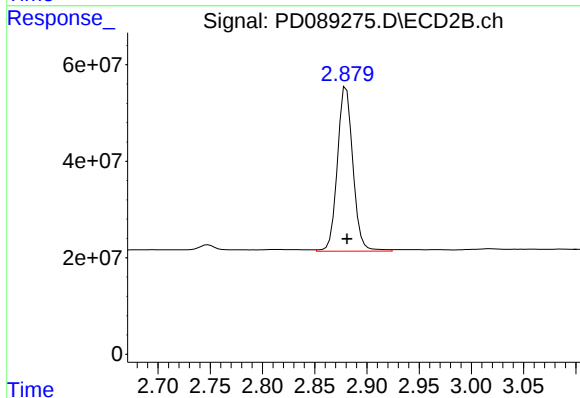
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 52242928
Conc: 18.31 ng/ml

Instrument :
ECD_D
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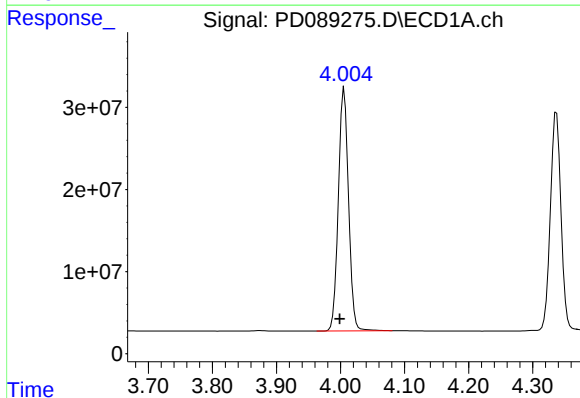
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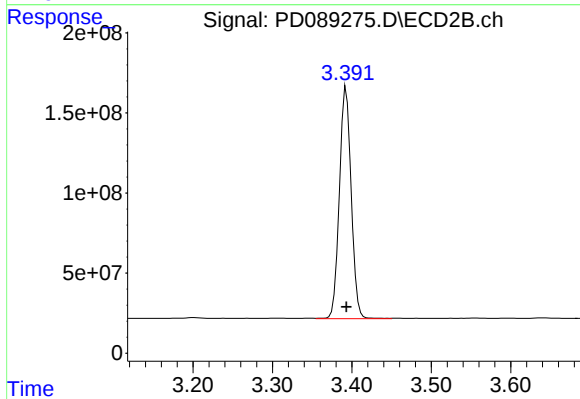
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 351891562
Conc: 20.76 ng/ml



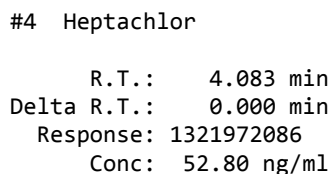
#2 alpha-BHC

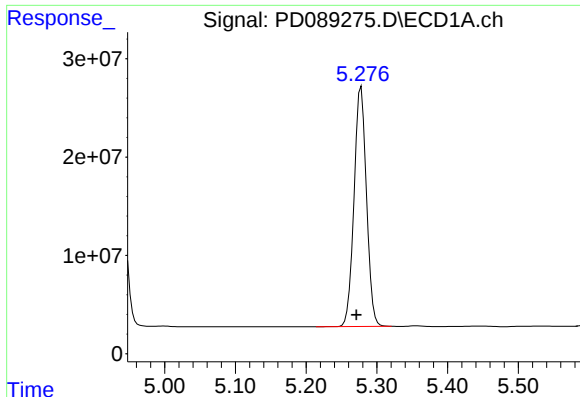
R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 326908881
Conc: 56.08 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1497120797
Conc: 55.87 ng/ml





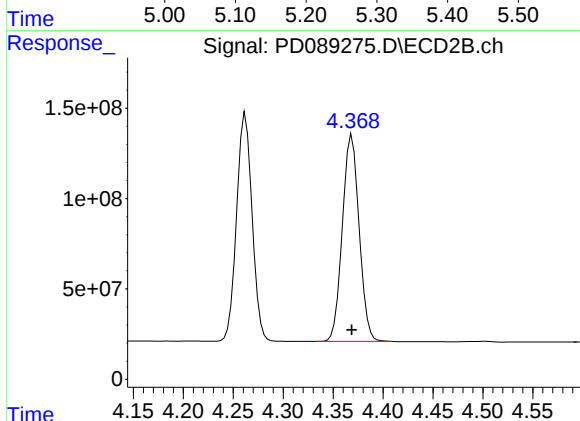
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.007 min
Response: 297828719
Conc: 56.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

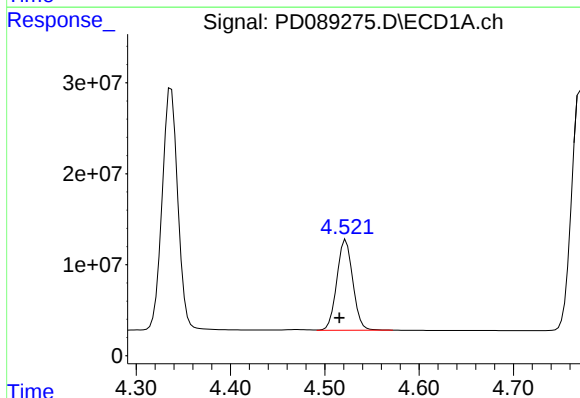
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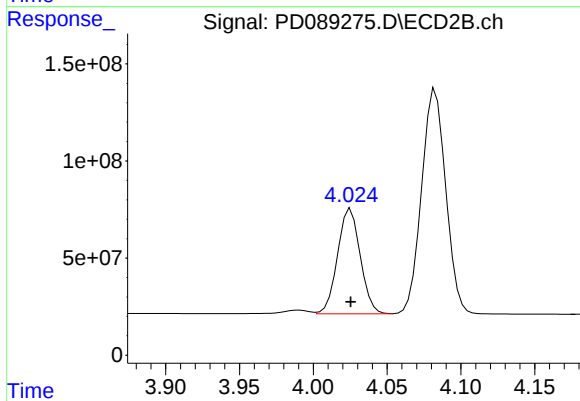
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1337661552
Conc: 55.24 ng/ml



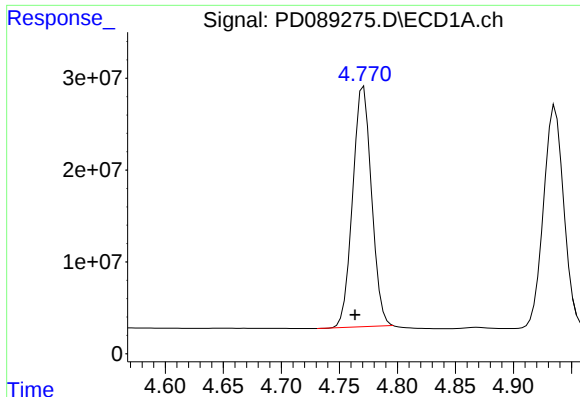
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.007 min
Response: 117176061
Conc: 53.09 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 581027081
Conc: 54.07 ng/ml



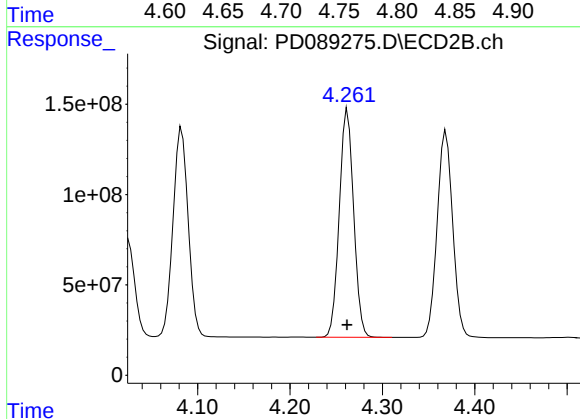
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.007 min
Response: 295676643
Conc: 57.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

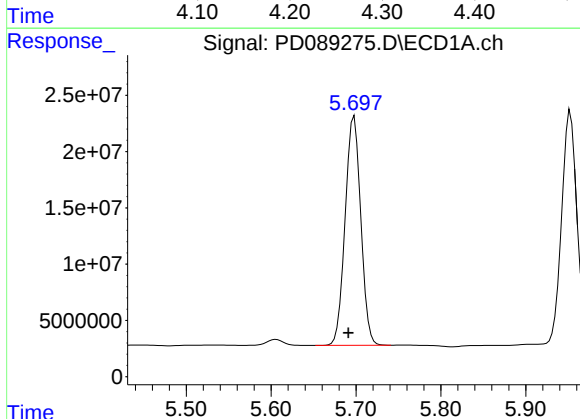
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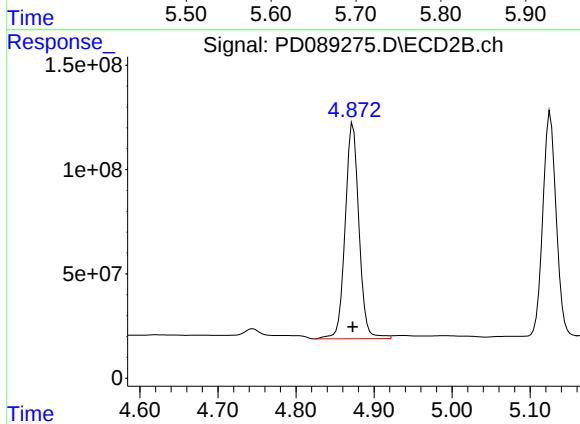
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1365155190
Conc: 54.88 ng/ml



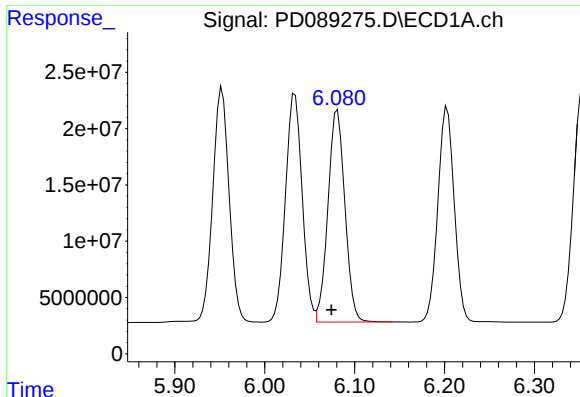
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.007 min
Response: 260411934
Conc: 53.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 1269335584
Conc: 57.97 ng/ml



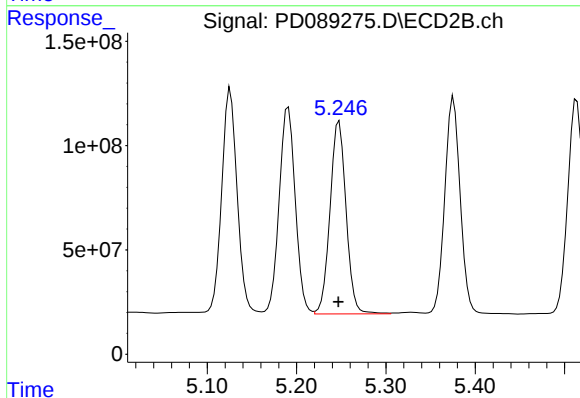
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.007 min
Response: 247118957
Conc: 54.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

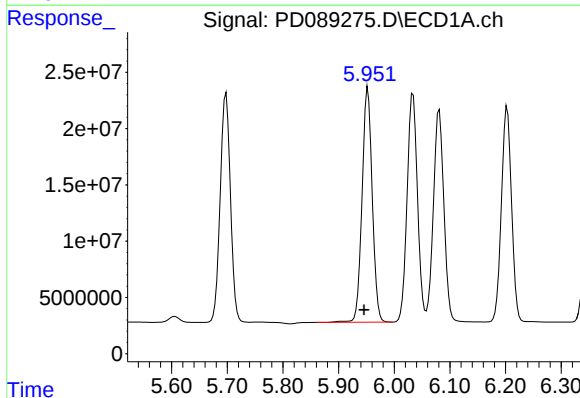
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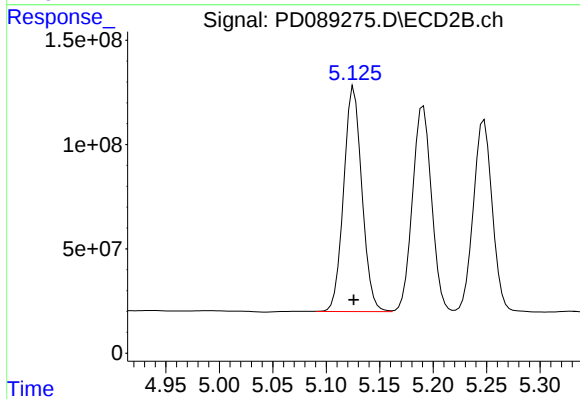
#9 Endosulfan I

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 1154444239
Conc: 55.39 ng/ml



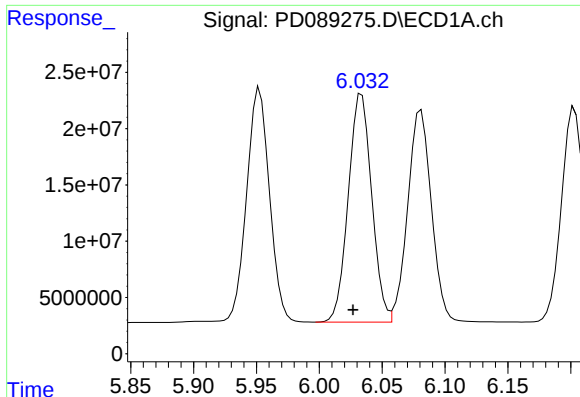
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.007 min
Response: 265596699
Conc: 55.47 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 1282524816
Conc: 53.61 ng/ml m



#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.007 min
Response: 263040830
Conc: 54.36 ng/ml

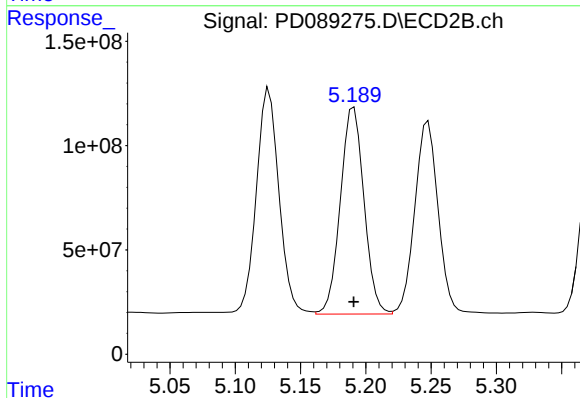
Instrument :

ECD_D

ClientSampleId :
PB168672BS

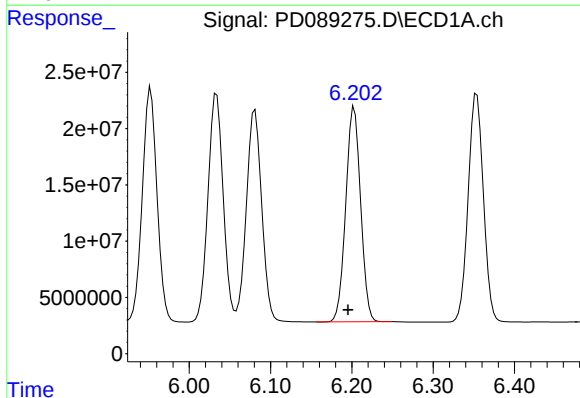
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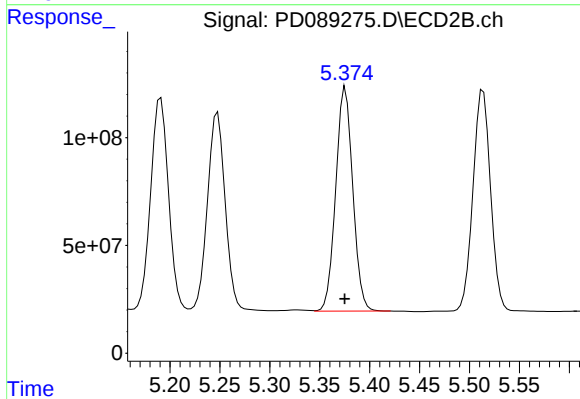
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 1248159909
Conc: 54.51 ng/ml



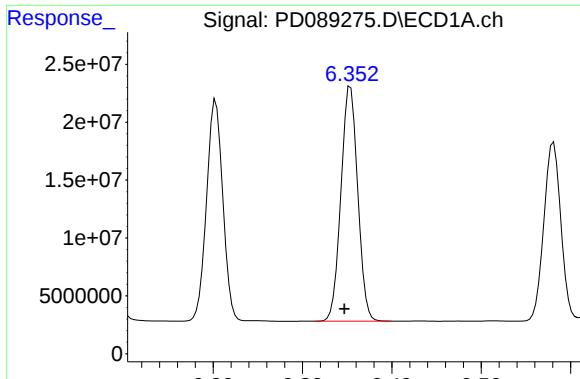
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.008 min
Response: 241286588
Conc: 55.33 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 1235244283
Conc: 53.90 ng/ml



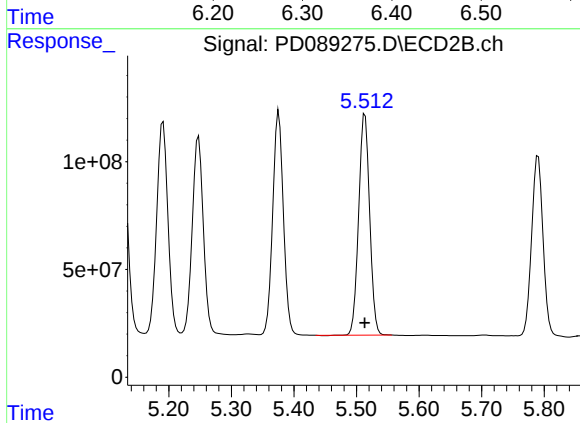
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.007 min
Response: 264908757
Conc: 55.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

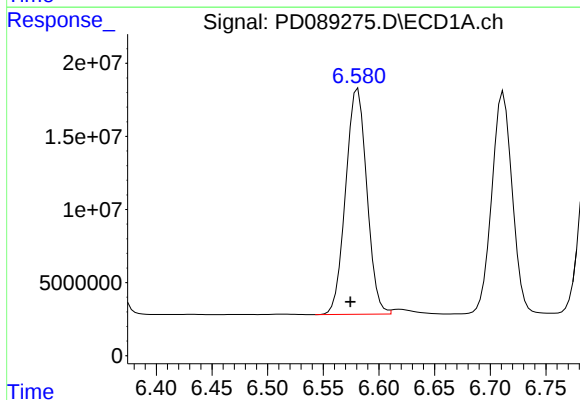
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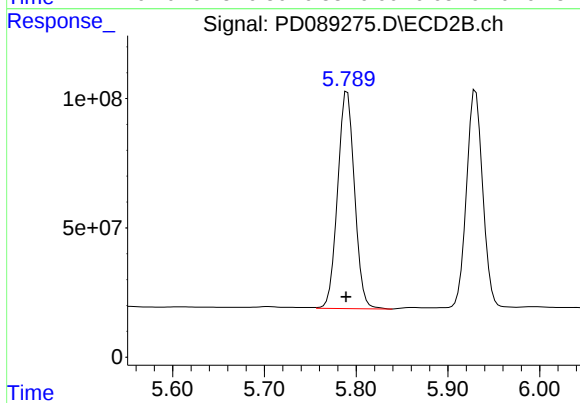
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 1254133831
Conc: 54.04 ng/ml



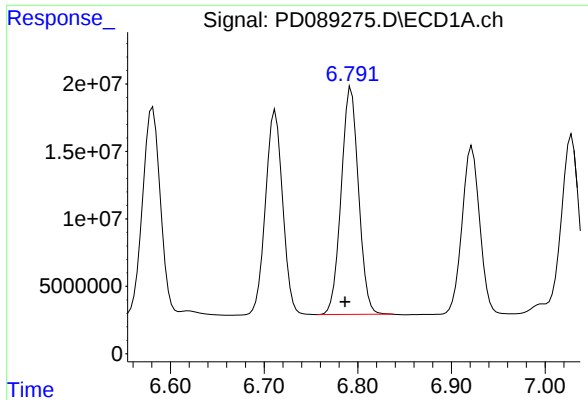
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.007 min
Response: 204408953
Conc: 49.55 ng/ml



#14 Endrin

R.T.: 5.790 min
Delta R.T.: 0.001 min
Response: 1074277176
Conc: 49.47 ng/ml



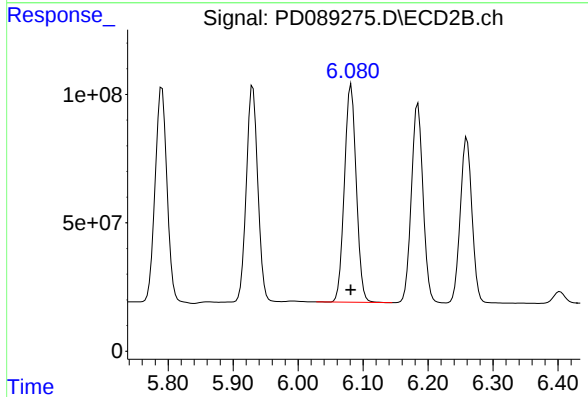
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.007 min
Response: 217262093
Conc: 53.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

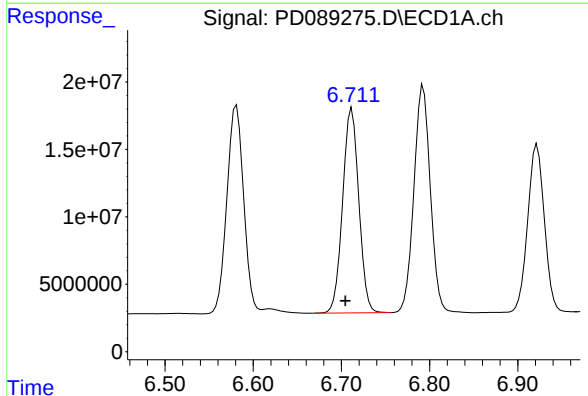
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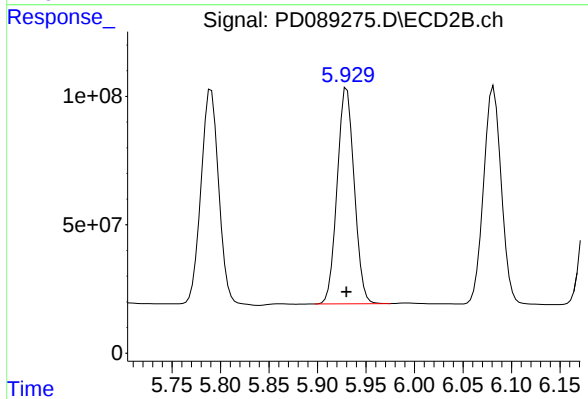
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 1077485562
Conc: 53.35 ng/ml



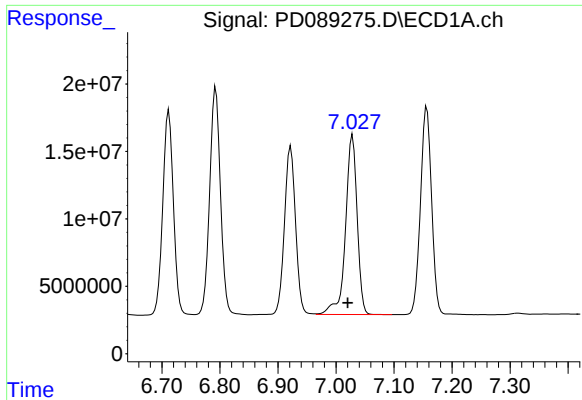
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.007 min
Response: 193164339
Conc: 56.28 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 1029578351
Conc: 53.82 ng/ml



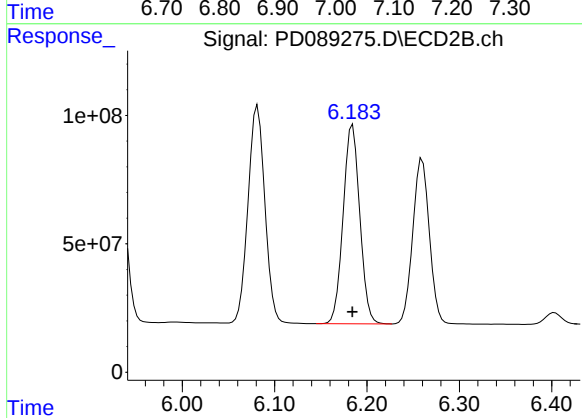
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.008 min
Response: 184855026
Conc: 48.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

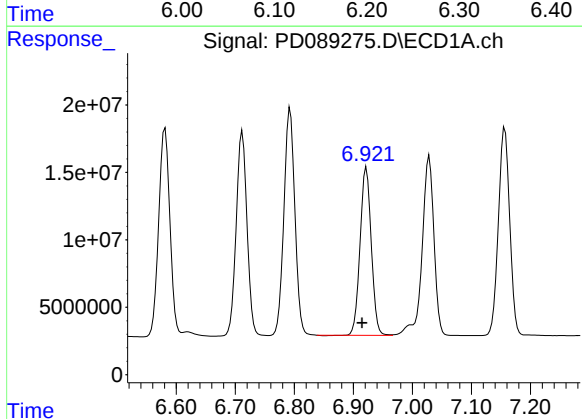
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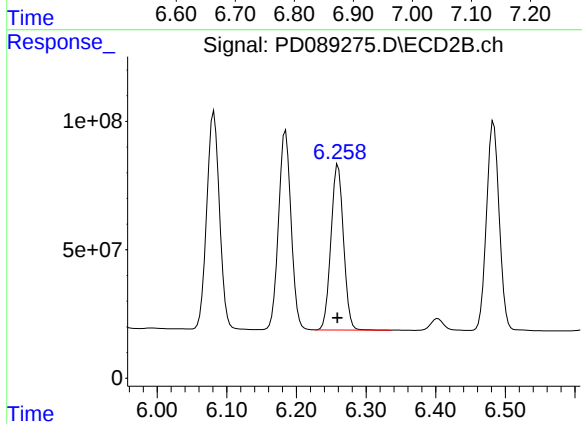
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 970393621
Conc: 47.85 ng/ml



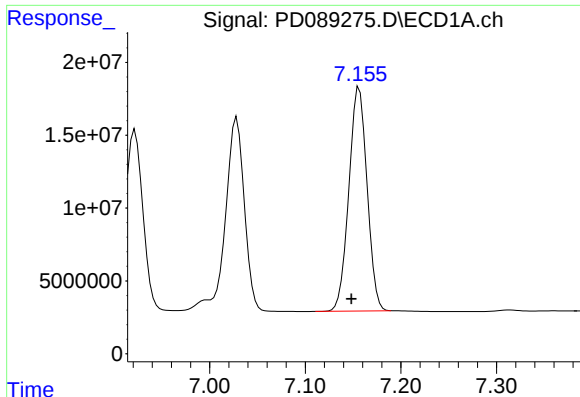
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.007 min
Response: 163551211
Conc: 53.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 807945973
Conc: 52.77 ng/ml



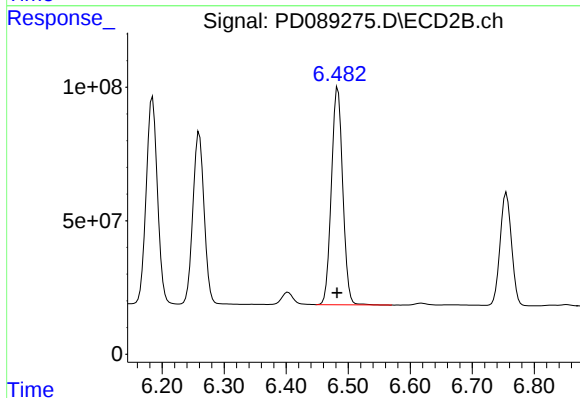
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.008 min
Response: 204280738
Conc: 53.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

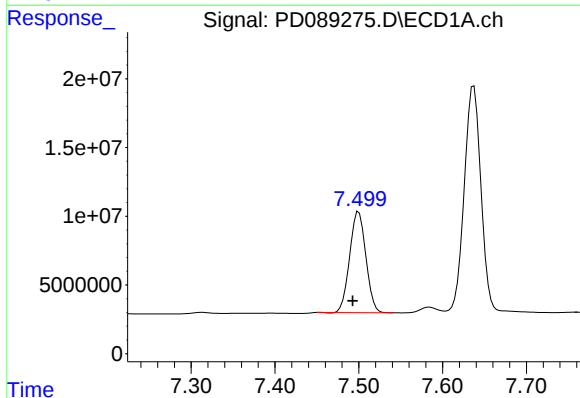
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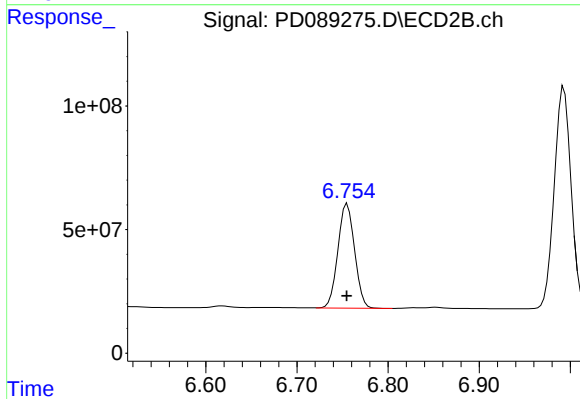
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: 0.000 min
Response: 1036617049
Conc: 52.83 ng/ml



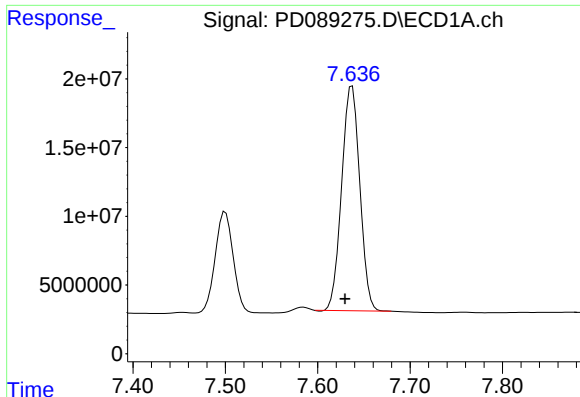
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 98676499
Conc: 48.83 ng/ml



#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 537390252
Conc: 49.91 ng/ml



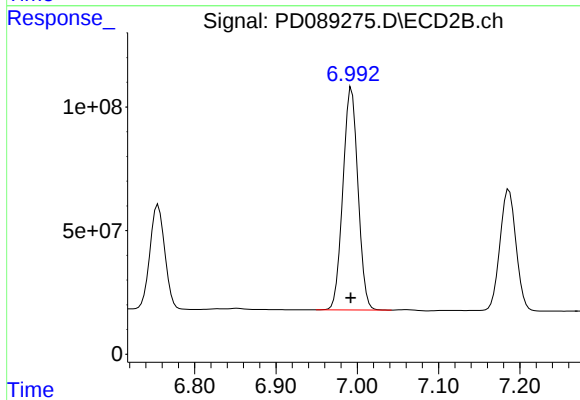
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: 0.008 min
Response: 223439401
Conc: 54.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

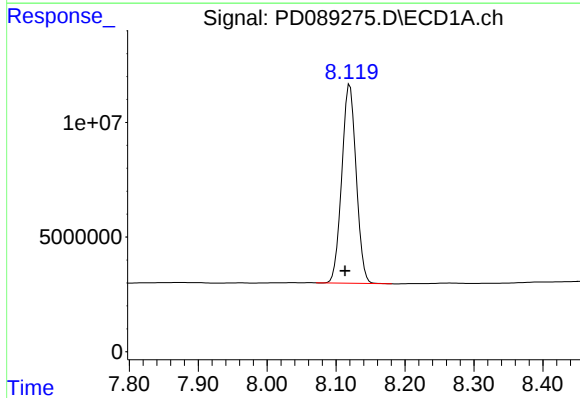
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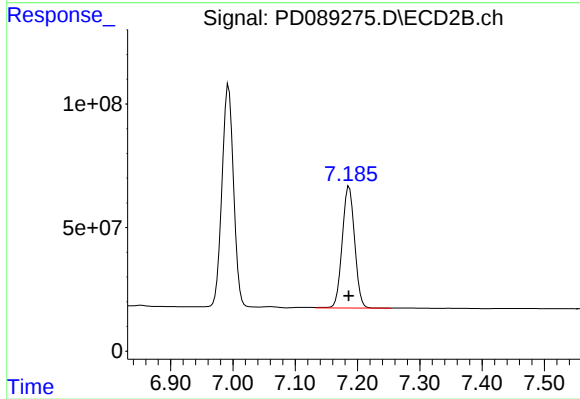
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: 0.001 min
Response: 1156091378
Conc: 53.52 ng/ml



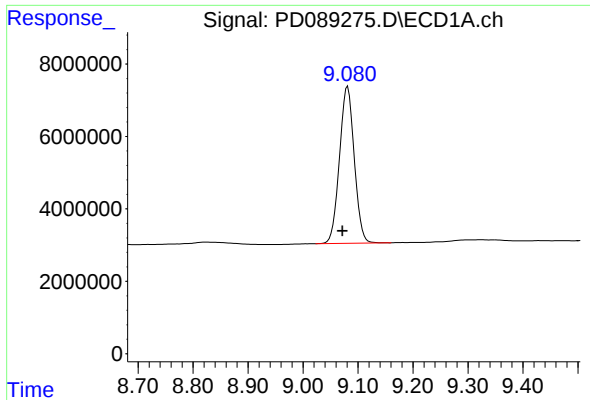
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.007 min
Response: 126027315
Conc: 41.45 ng/ml



#22 Mirex

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 685234345
Conc: 41.09 ng/ml



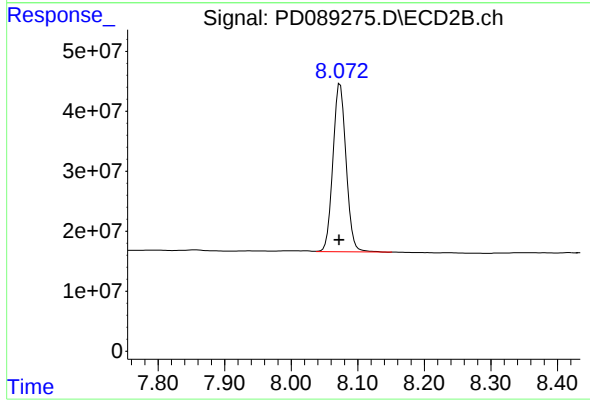
#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.009 min
Response: 80959011
Conc: 20.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: 0.001 min
Response: 385840364
Conc: 19.52 ng/ml