

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 15:31
 Operator : AR\AJ
 Sample : P2307-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2024
 Supervised By : mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 01:16:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.798	40430413	24916010	20.078	19.419
2)	SA Decachlor...	9.059	7.949	30057140	19737754	21.484	14.673 #
Target Compounds							
2)	A alpha-BHC	4.007	3.303	134.2E6	93424724	47.071	49.513
3)	MA gamma-BHC...	4.339	3.635	135.9E6	105.0E6	48.831	56.877
4)	MA Heptachlor	4.928	3.976	114.3E6	85961266	46.099m	49.056
5)	MB Aldrin	5.270	4.257	111.0E6	79337937	43.220m	44.879
6)	B beta-BHC	4.535	3.930	51466690	42384768	40.796	51.913m#
7)	B delta-BHC	4.782	4.162	117.9E6	85819427	44.461	47.699
8)	B Heptachlo...	5.697	4.760	100.6E6	77113701	42.876	47.696
9)	A Endosulfan I	6.082	5.132	95773840	49933268	44.550	33.340 #
10)	B gamma-Chl...	5.951	5.011	102.8E6	80545907	44.966m	49.085
11)	B alpha-Chl...	6.032	5.075	109.7E6	77252145	48.214	46.842
12)	B 4,4'-DDE	6.203	5.264	55001165	65440300	27.183	45.008 #
13)	MA Dieldrin	6.358	5.395	102.0E6	92747003	45.568	57.653m#
14)	MA Endrin	6.585	5.671	76063165	73355201	40.153m	51.024 #
15)	B Endosulfa...	6.804	5.965	95106040	67429246	47.653	46.880
16)	A 4,4'-DDD	6.718	5.819	86633173	59723851	51.353	48.428
17)	MA 4,4'-DDT	7.034	6.068	80021928	55732424	43.514	41.192m
18)	B Endrin al...	6.934	6.144	61191840	43086163	40.463	38.736
19)	B Endosulfa...	7.167	6.367	79884029	61487758	44.163m	44.326
20)	A Methoxychlor	7.508	6.646	34484665	28877736	35.067	36.116
21)	B Endrin ke...	7.653	6.873	82998725	60072014	41.465	37.569
22)	Mirex	8.127	7.055	59043350	52617728	37.992m	38.570m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
Data File : PL089282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2024 15:31
Operator : AR\AJ
Sample : P2307-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

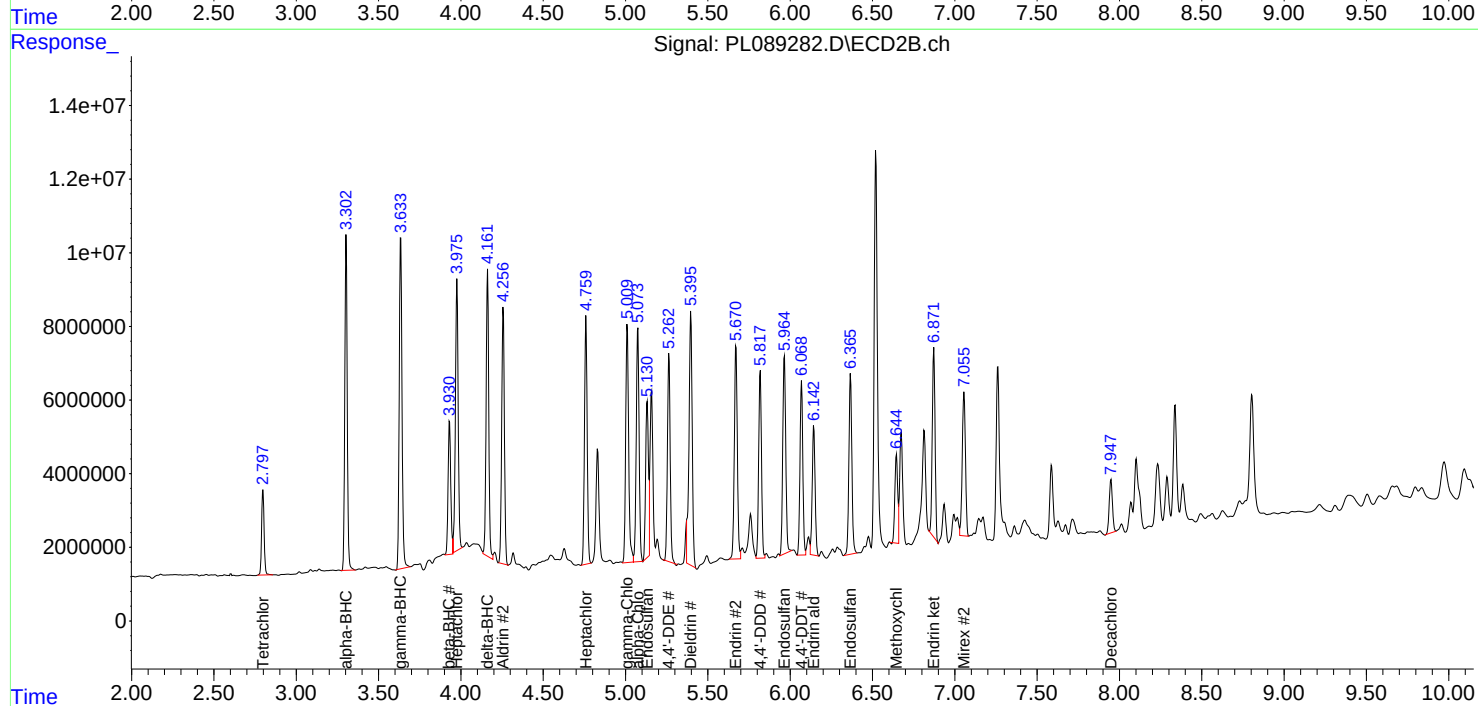
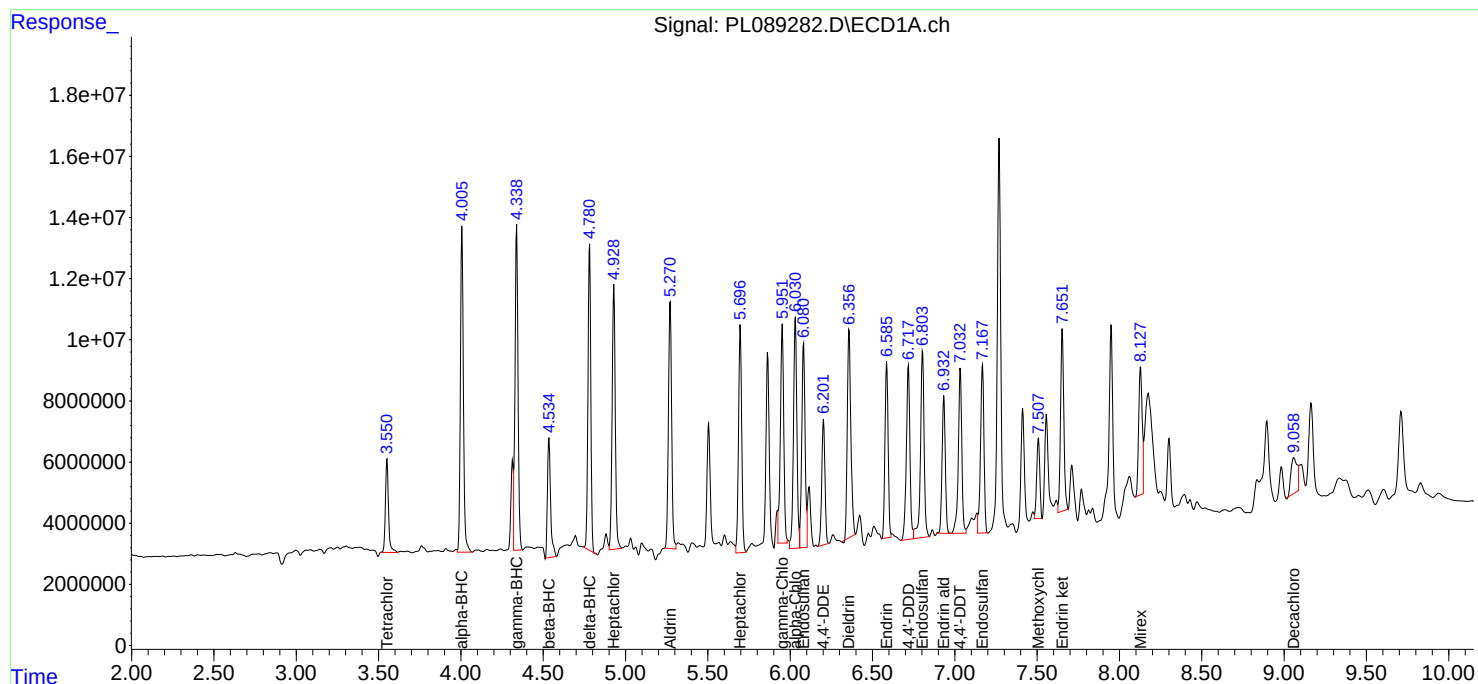
Instrument :
ECD_L
ClientSampleId :
WC-2MSD

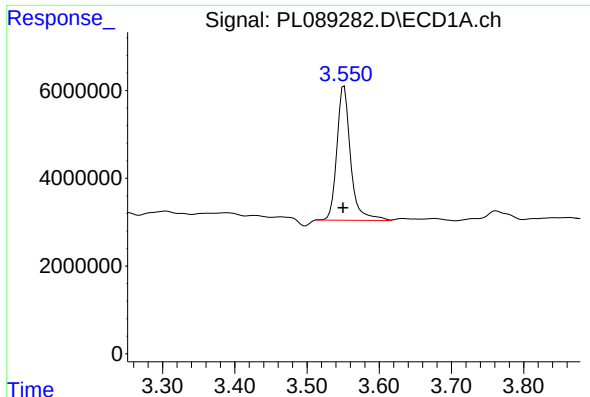
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 01:16:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





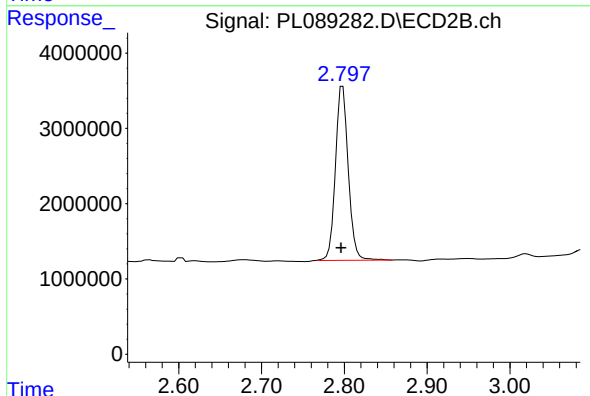
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 40430413
Conc: 20.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

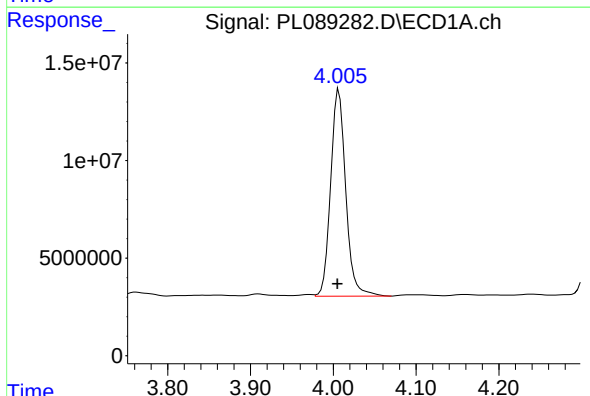
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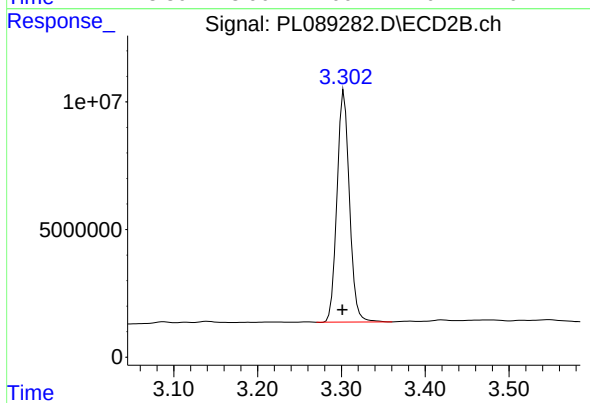
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.002 min
Response: 24916010
Conc: 19.42 ng/ml



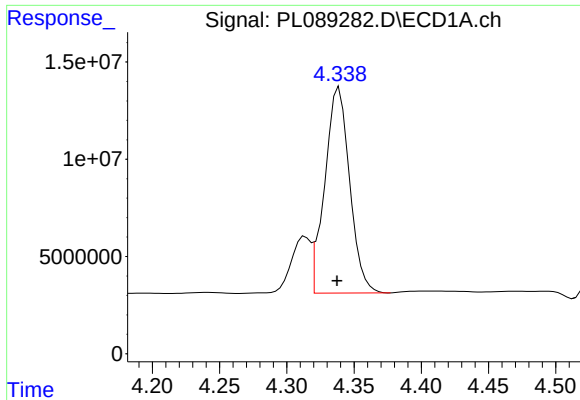
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 134237259
Conc: 47.07 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 93424724
Conc: 49.51 ng/ml



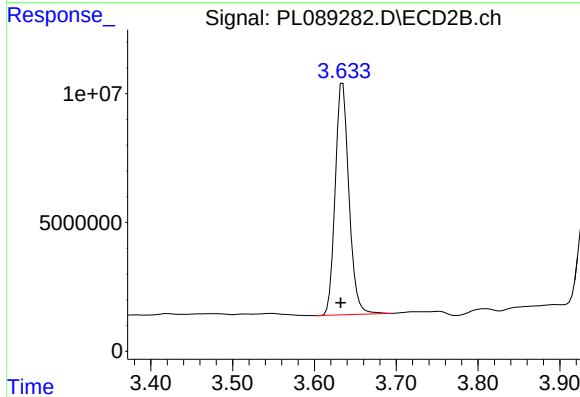
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 135942112
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

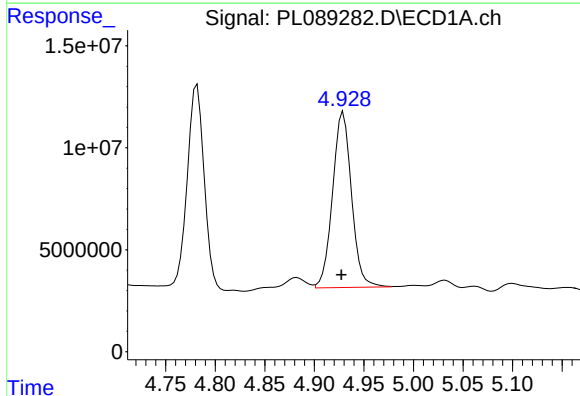
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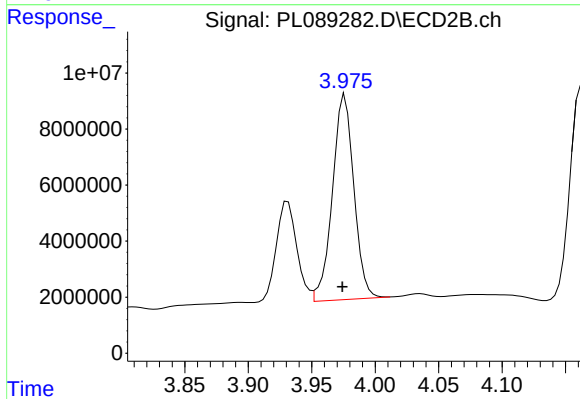
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: 0.003 min
Response: 104952347
Conc: 56.88 ng/ml



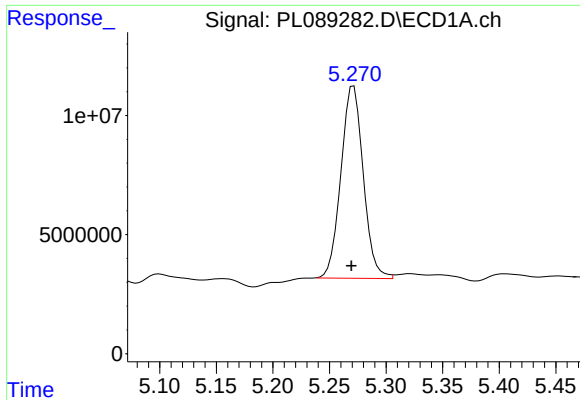
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 114330931
Conc: 46.10 ng/ml m



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 85961266
Conc: 49.06 ng/ml



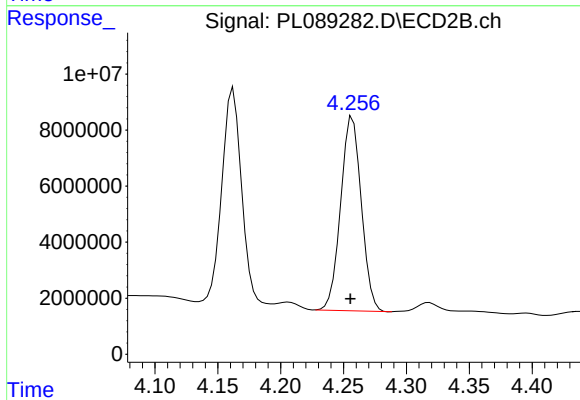
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 11100058
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

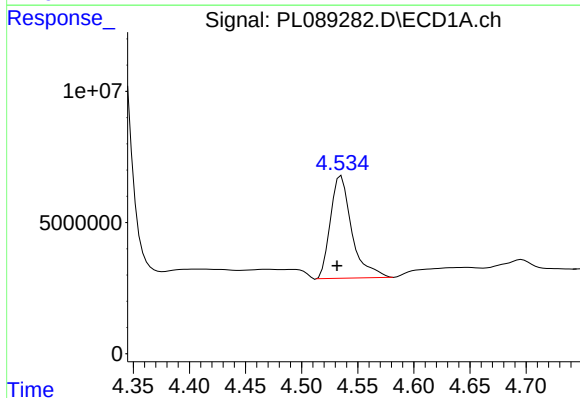
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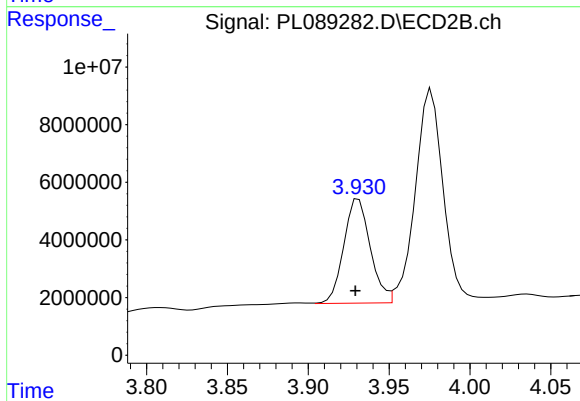
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.002 min
Response: 79337937
Conc: 44.88 ng/ml



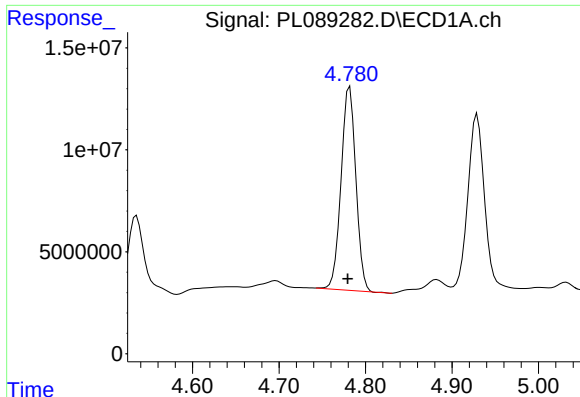
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.004 min
Response: 51466690
Conc: 40.80 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 42384768
Conc: 51.91 ng/ml m



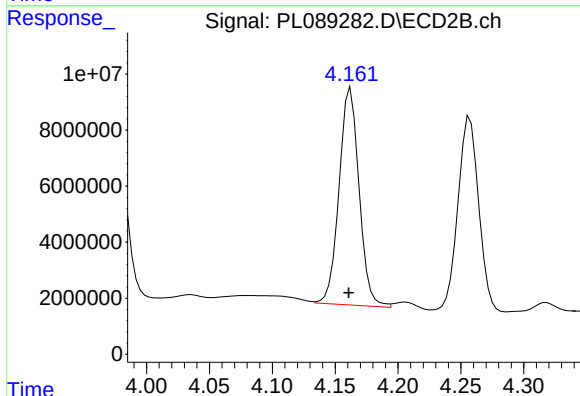
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 117911392
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

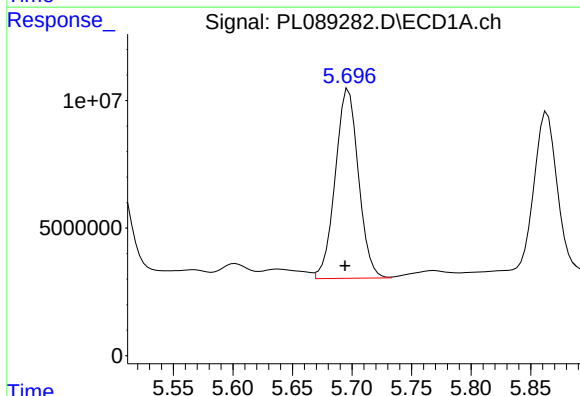
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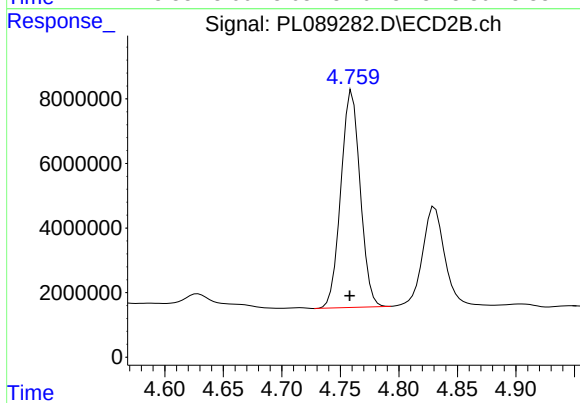
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.002 min
Response: 85819427
Conc: 47.70 ng/ml



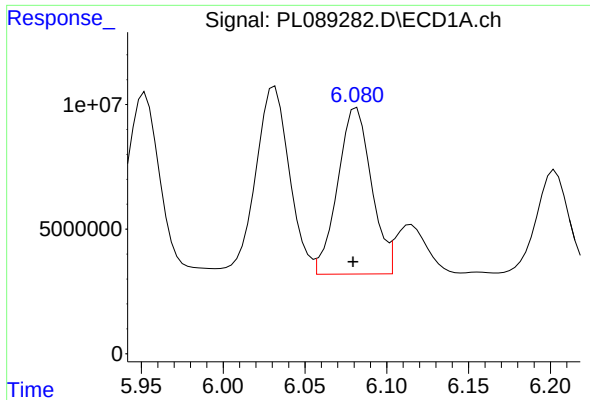
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 100563562
Conc: 42.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 77113701
Conc: 47.70 ng/ml



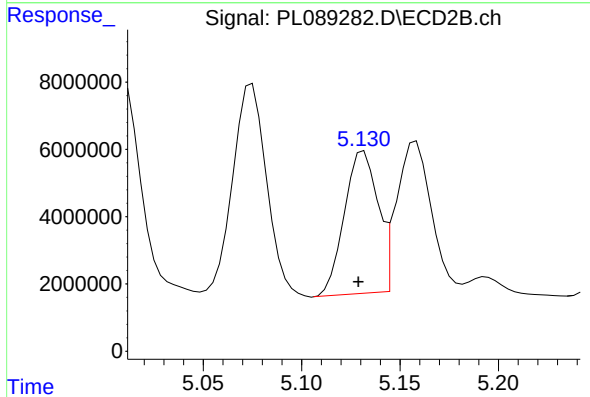
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 95773840
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

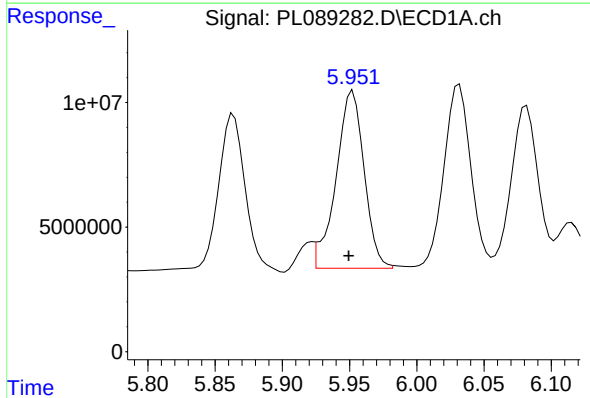
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Supervised By :mohammad ahmed 05/02/2024



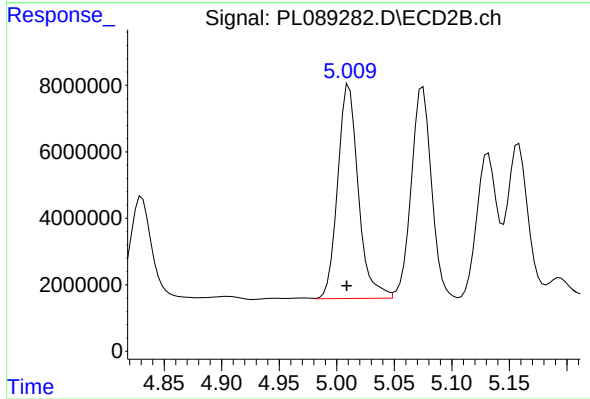
#9 Endosulfan I

R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 49933268
Conc: 33.34 ng/ml



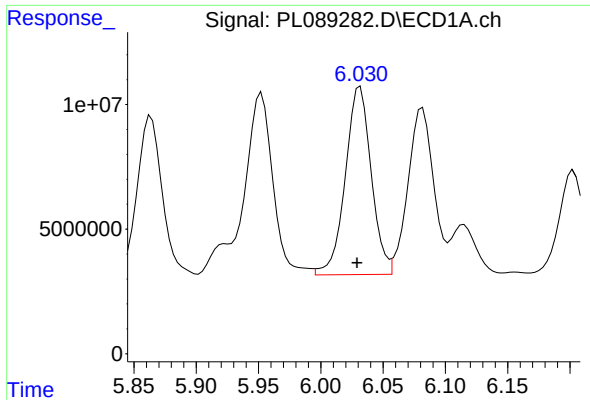
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 102788508
Conc: 44.97 ng/ml m



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.002 min
Response: 80545907
Conc: 49.09 ng/ml



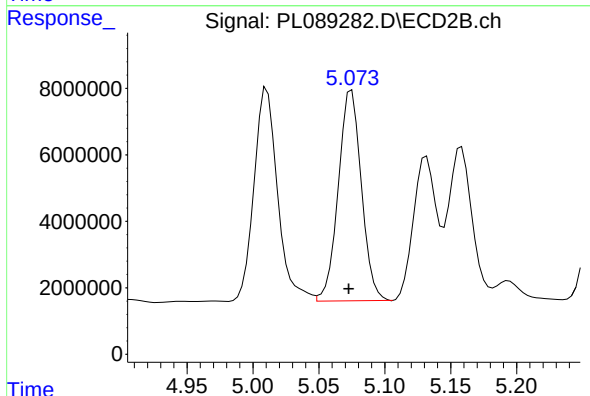
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 109674154
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

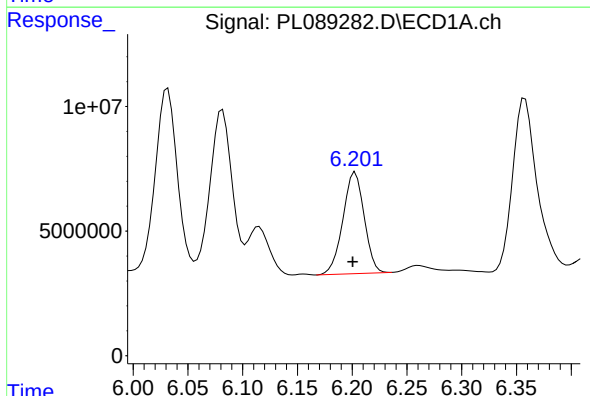
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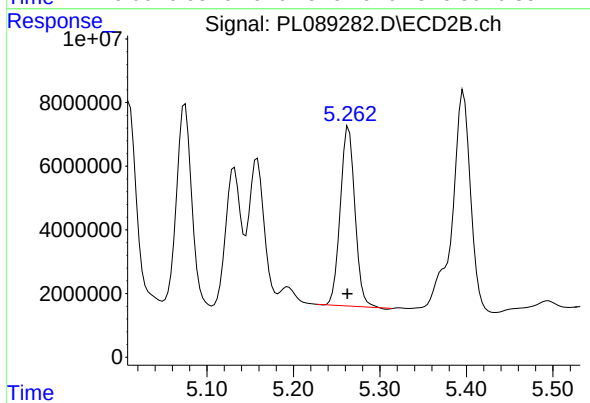
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.002 min
Response: 77252145
Conc: 46.84 ng/ml



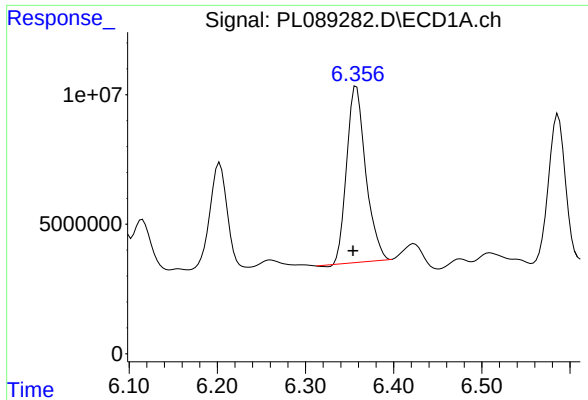
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 55001165
Conc: 27.18 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 65440300
Conc: 45.01 ng/ml



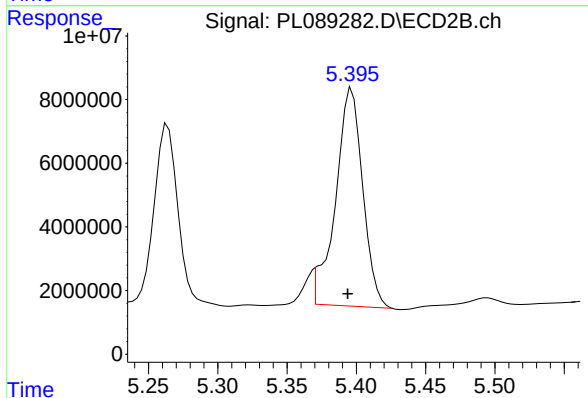
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.004 min
Response: 102002576
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

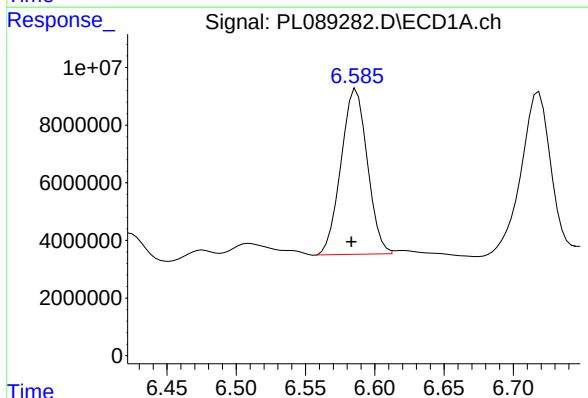
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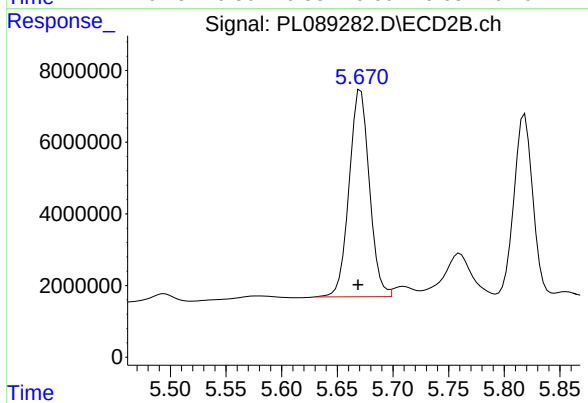
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.002 min
Response: 92747003
Conc: 57.65 ng/ml m



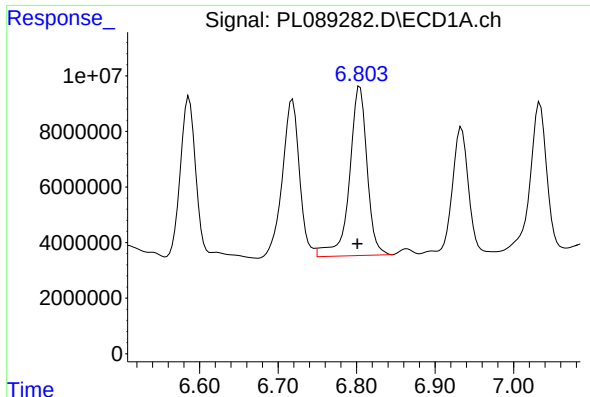
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 76063165
Conc: 40.15 ng/ml m



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 73355201
Conc: 51.02 ng/ml



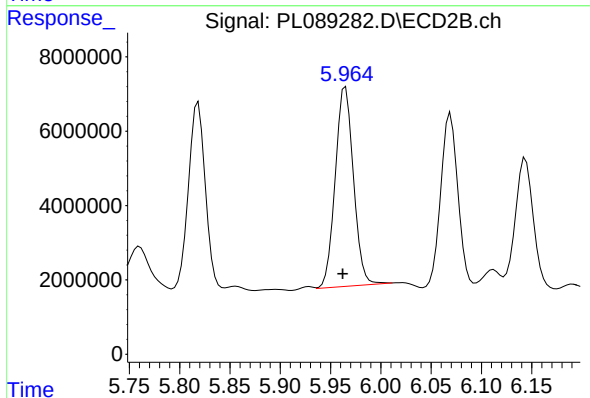
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 95106040
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

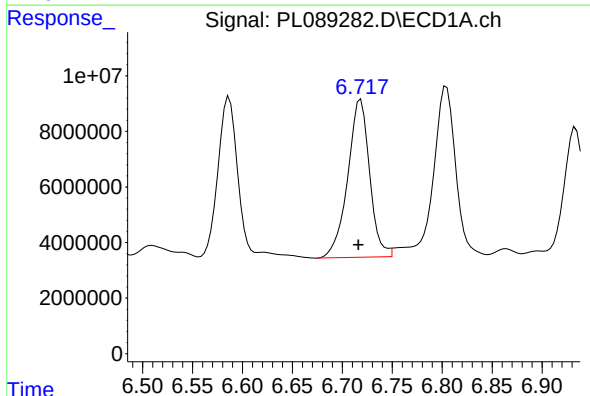
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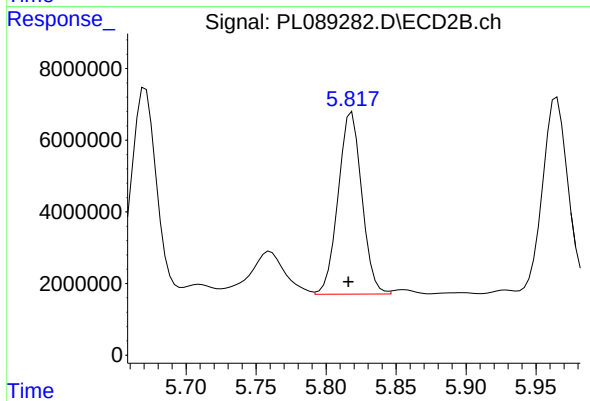
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 67429246
Conc: 46.88 ng/ml



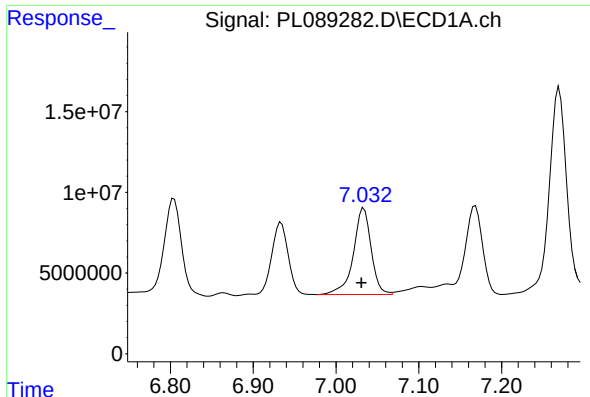
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 86633173
Conc: 51.35 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.003 min
Response: 59723851
Conc: 48.43 ng/ml



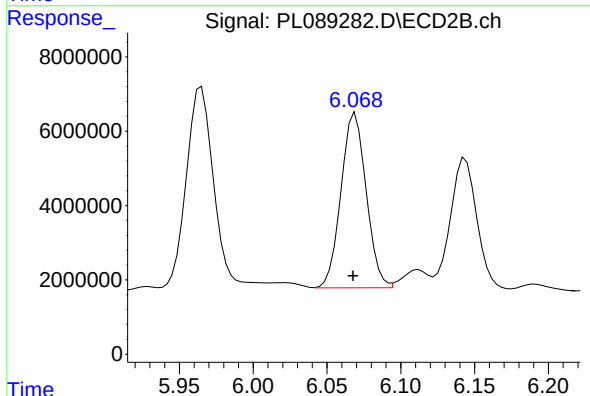
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 80021928
Conc: 43.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

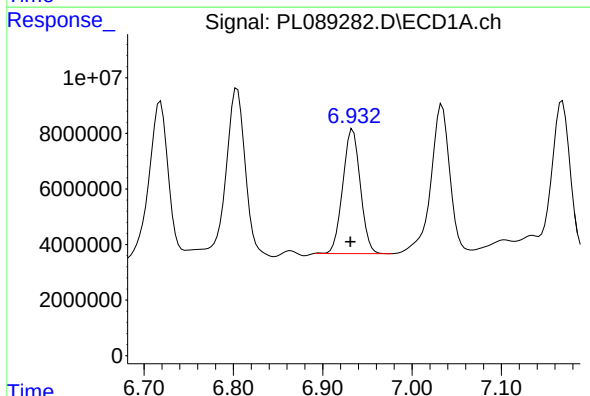
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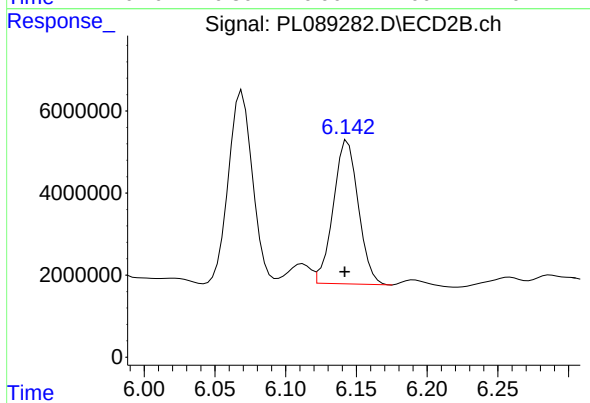
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 55732424
Conc: 41.19 ng/ml m



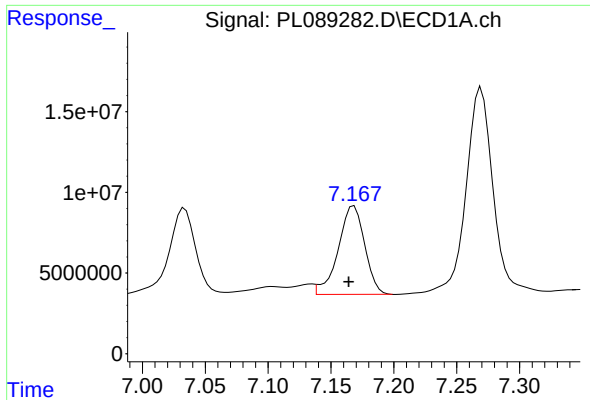
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 61191840
Conc: 40.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 43086163
Conc: 38.74 ng/ml



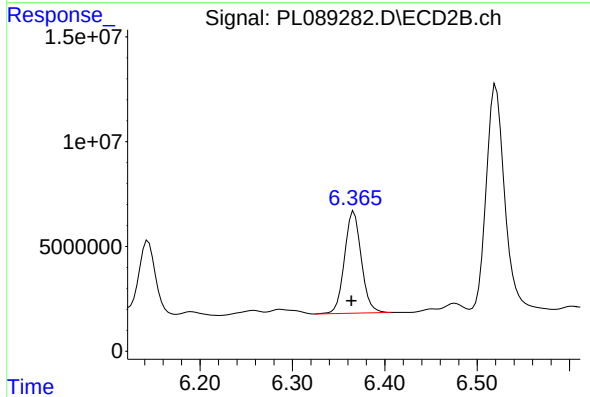
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.003 min
Response: 79884029
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

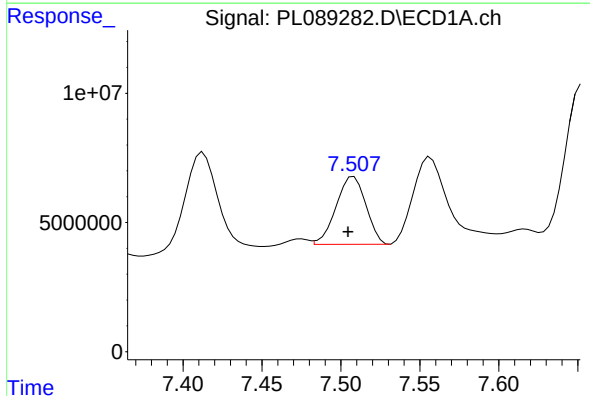
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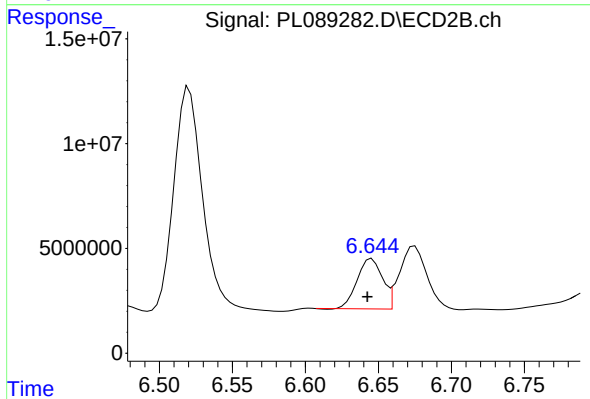
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 61487758
Conc: 44.33 ng/ml



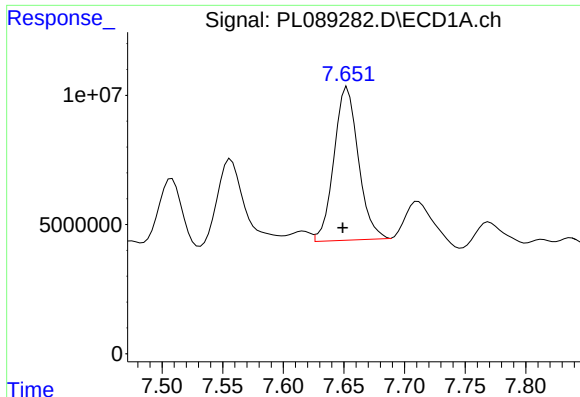
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 34484665
Conc: 35.07 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.003 min
Response: 28877736
Conc: 36.12 ng/ml



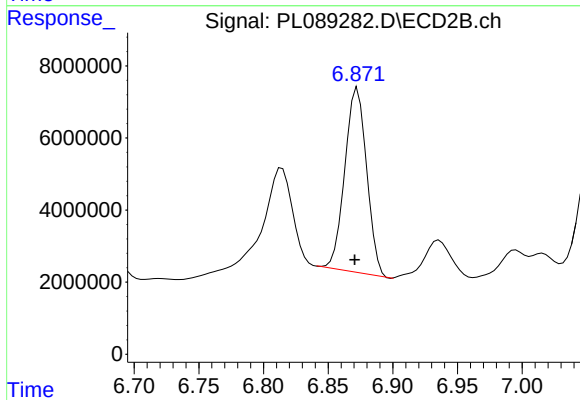
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 82998725
Conc: 41.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

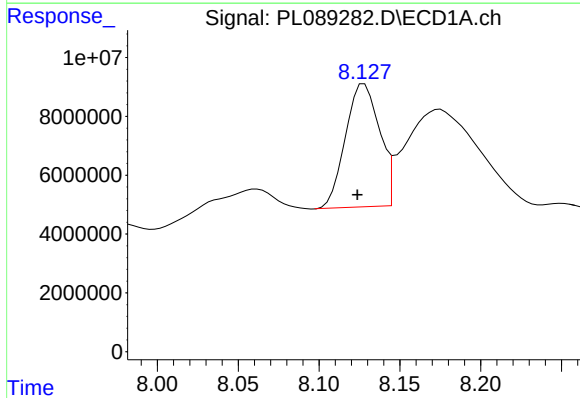
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Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



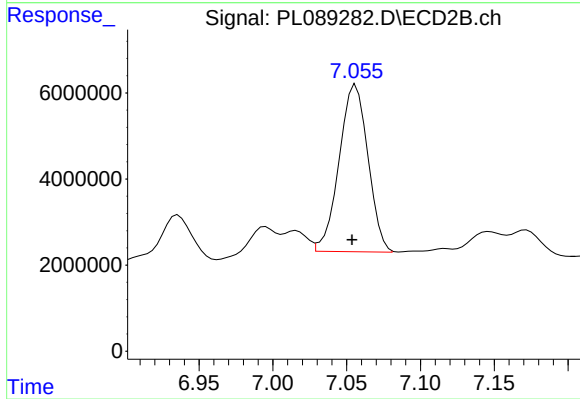
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 60072014
Conc: 37.57 ng/ml



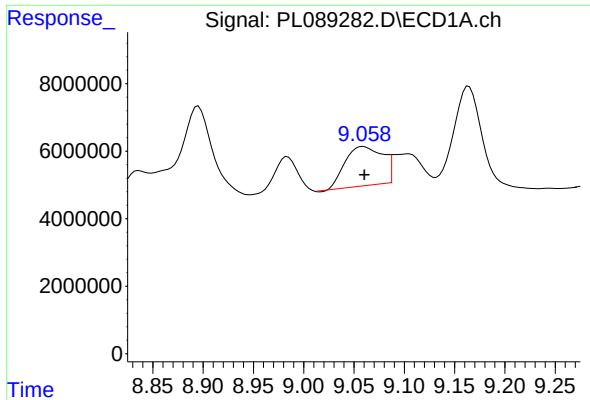
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.003 min
Response: 59043350
Conc: 37.99 ng/ml m



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 52617728
Conc: 38.57 ng/ml m



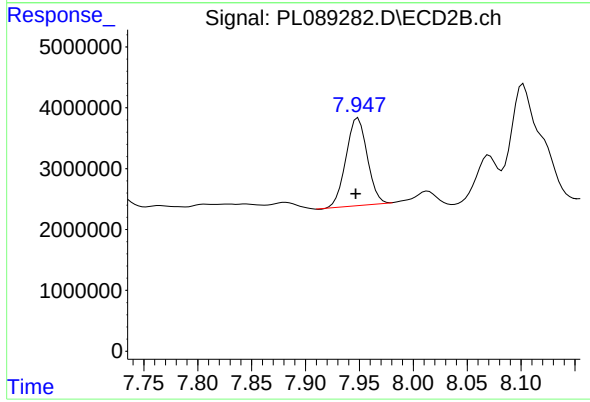
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.000 min
Response: 30057140
Conc: 21.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2024
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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 19737754
Conc: 14.67 ng/ml