

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 18:51
 Operator : AR\AJ
 Sample : P2414-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 1011UMR-SS004-0212-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 01:07:55 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...	3.550	2.796	44387341	28793144	22.043	22.441
28)	SA Decachlor...	9.066	7.948	26875715	31385156	19.210	23.331
Target Compounds							
2)	A alpha-BHC	4.006	3.301	145.9E6	104.2E6	51.174	55.248
3)	MA gamma-BHC...	4.339	3.632	134.5E6	99800208	48.329	54.085
4)	MA Heptachlor	4.929	3.974	131.5E6	94513651	53.002	53.937
5)	MB Aldrin	5.270	4.255	144.3E6	97081417	56.202	54.916
6)	B beta-BHC	4.534	3.930	59694794	45386422	47.318	55.589
7)	B delta-BHC	4.780	4.160	129.4E6	97613580	48.782m	54.254
8)	B Heptachlo...	5.693	4.757	225.9E6	102.5E6	96.327m	63.385m#
9)	A Endosulfan I	6.081	5.127	111.3E6	113.0E6	51.792	75.441 #
10)	B gamma-Chl...	5.953	5.010	830.8E6	529.9E6	363.462	322.908
11)	B alpha-Chl...	6.035	5.073	1143.0E6	654.6E6	502.502	396.945
12)	B 4,4'-DDE	6.203	5.262	100.1E6	76246129	49.462	52.440
13)	MA Dieldrin	6.357	5.392	110.5E6	93316682	49.344	58.007m
14)	MA Endrin	6.587	5.669	86686362	94011188	45.761	65.391 #
15)	B Endosulfa...	6.805	5.967	113.5E6	207.7E6	56.858	144.395 #
16)	A 4,4'-DDD	6.722	5.817	125.0E6	71040136	74.070	57.604
17)	MA 4,4'-DDT	7.034	6.068	87953099	74359830	47.827	54.960
18)	B Endrin al...	6.933	6.142	97283024	63956815	64.328m	57.499
19)	B Endosulfa...	7.168	6.365	87022463	76338542	48.109	55.032
20)	A Methoxychlor	7.508	6.644	46129975	38307725	46.909	47.910
21)	B Endrin ke...	7.654	6.872	93514417	85123177	46.719	53.235
22)	Mirex	8.126	7.054	73249569	70490318	47.133m	51.670m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 18:51
Operator : AR\AJ
Sample : P2414-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

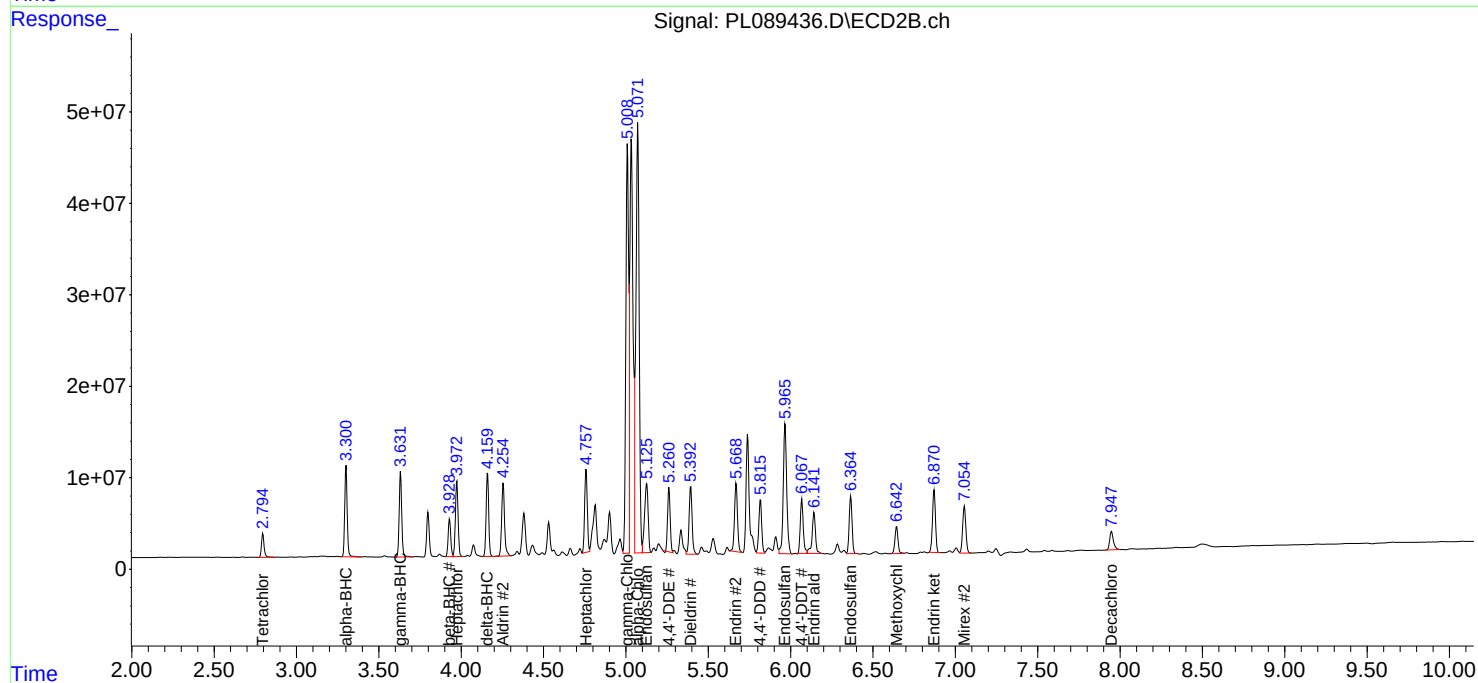
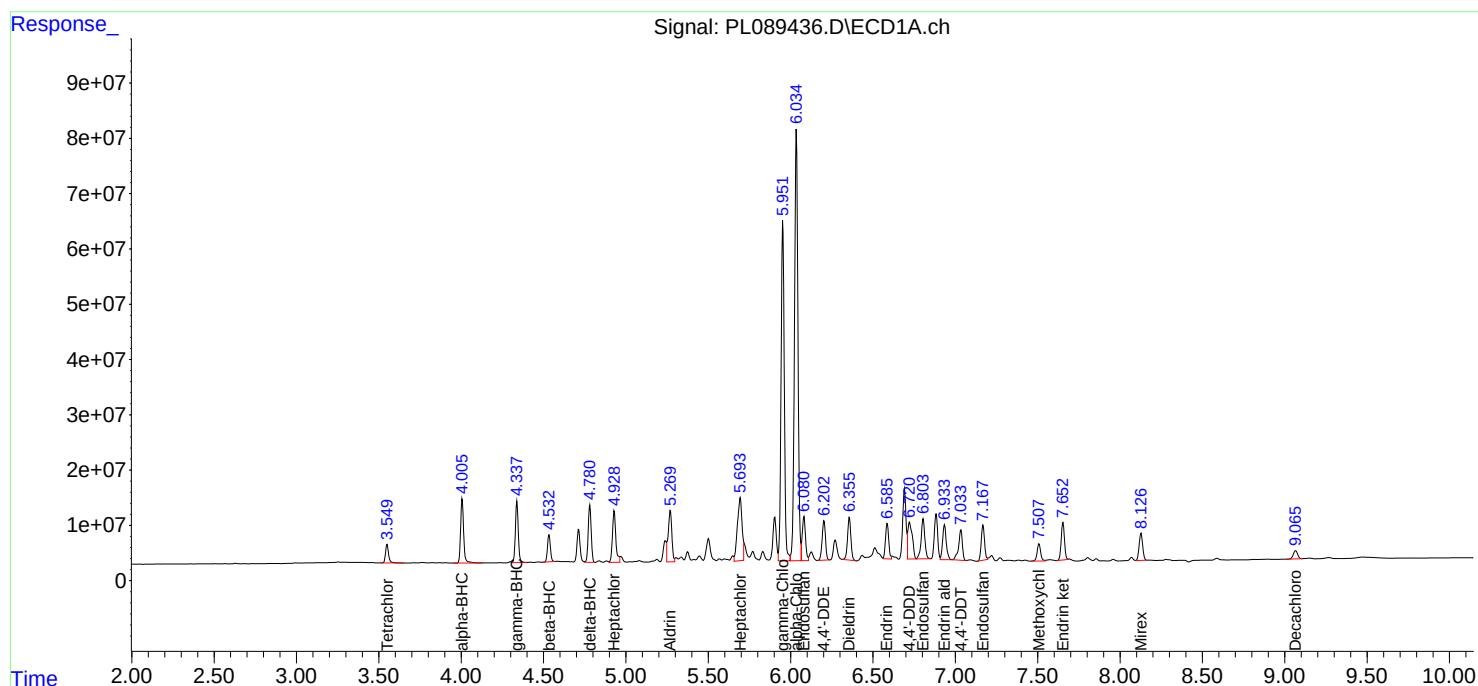
Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

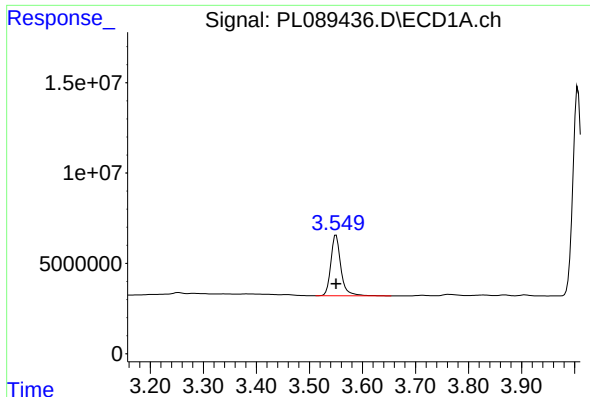
Manual Integrations
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Supervised By :Ankita Jodhani 05/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 01:07:55 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





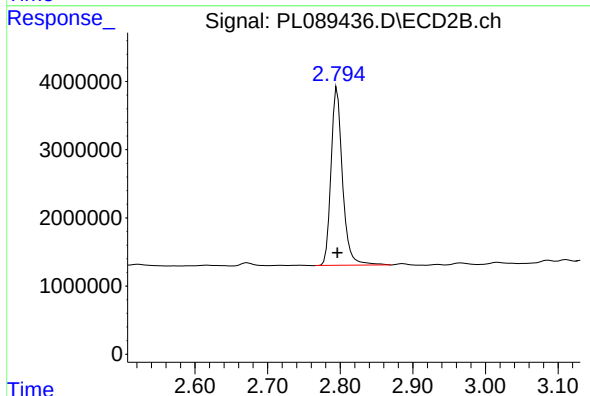
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 44387341
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

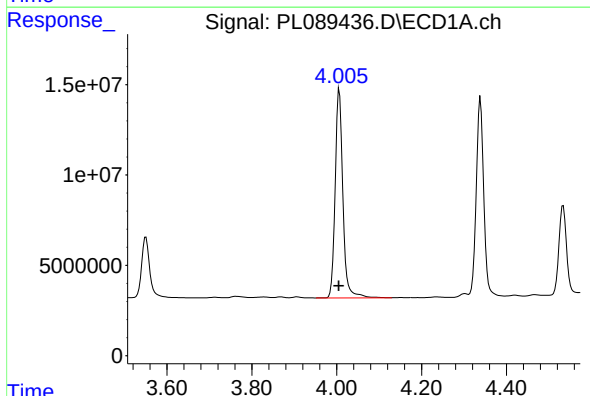
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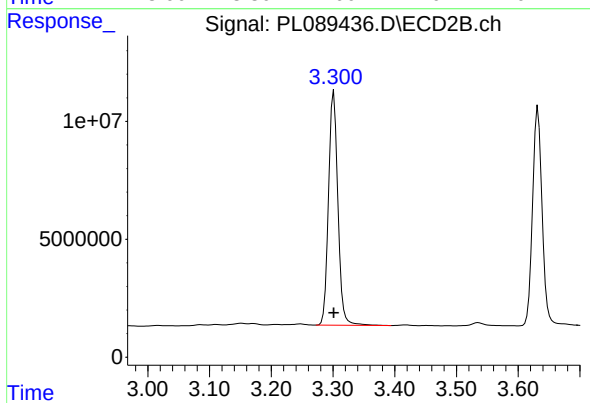
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 28793144
Conc: 22.44 ng/ml



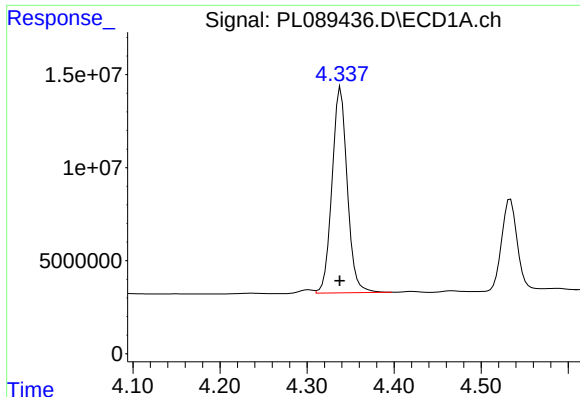
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 145936408
Conc: 51.17 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 104246714
Conc: 55.25 ng/ml



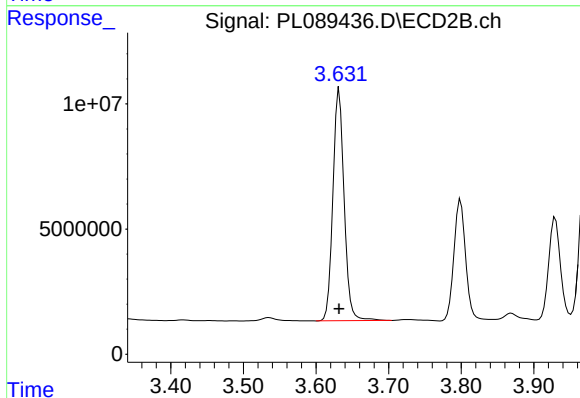
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 134544131
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

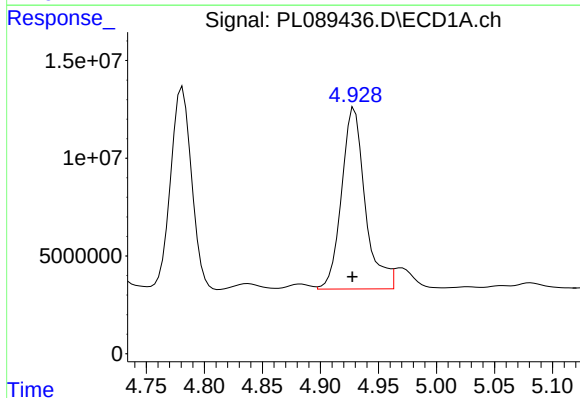
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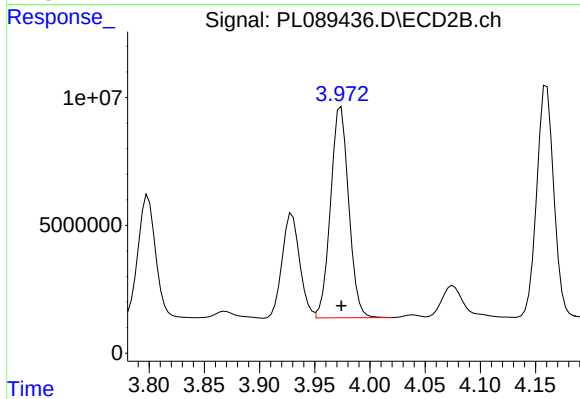
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 99800208
Conc: 54.08 ng/ml



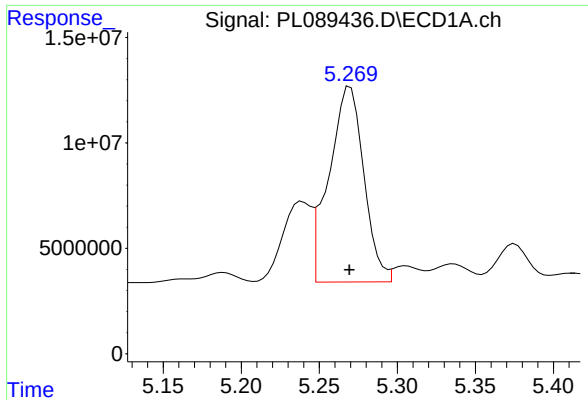
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 131450323
Conc: 53.00 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 94513651
Conc: 53.94 ng/ml



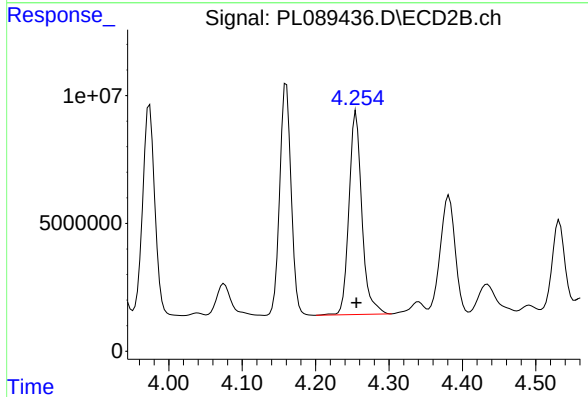
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 144341724
Conc: 56.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

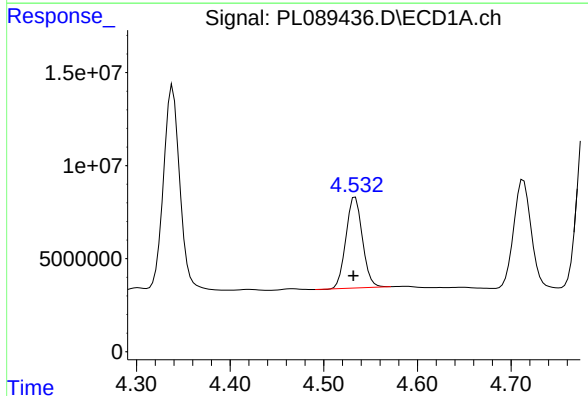
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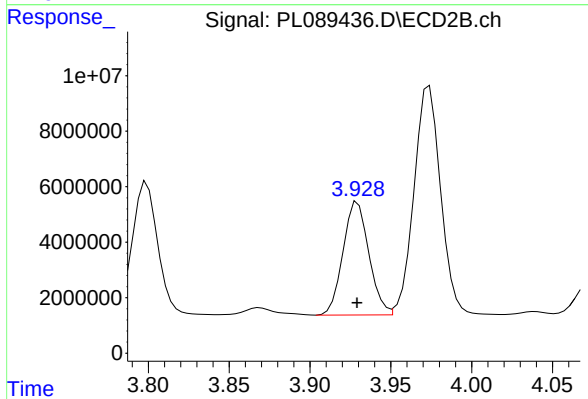
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 97081417
Conc: 54.92 ng/ml



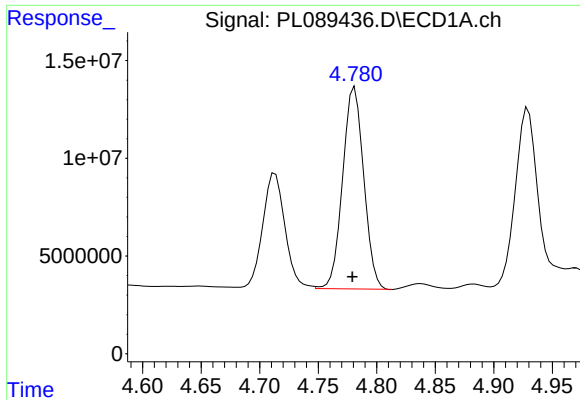
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 59694794
Conc: 47.32 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 45386422
Conc: 55.59 ng/ml



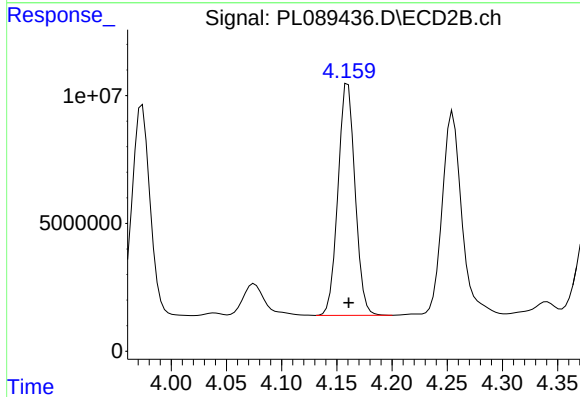
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 129371226
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

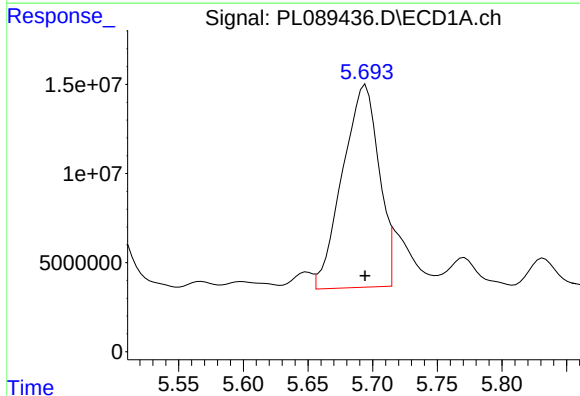
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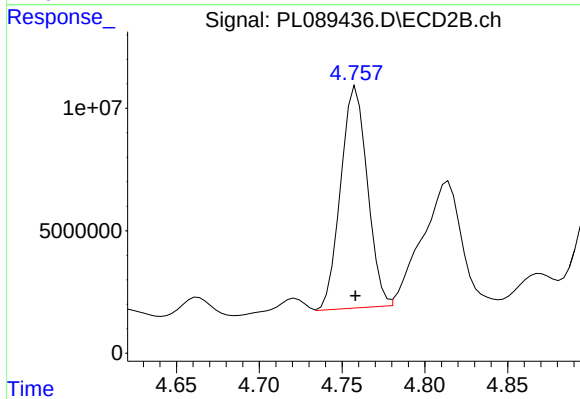
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 97613580
Conc: 54.25 ng/ml



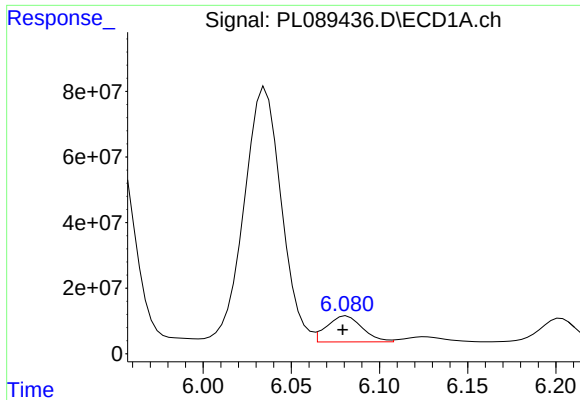
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 225930611
Conc: 96.33 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 102478152
Conc: 63.38 ng/ml m



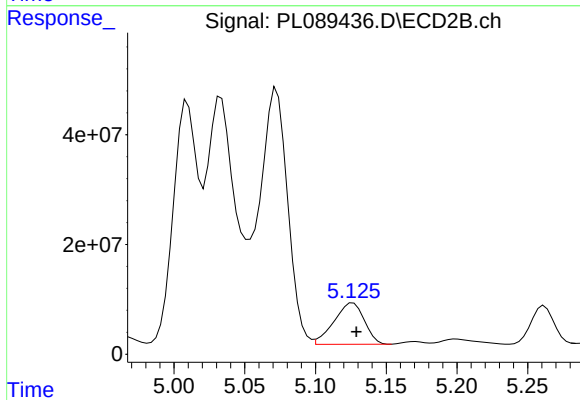
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 111342786
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

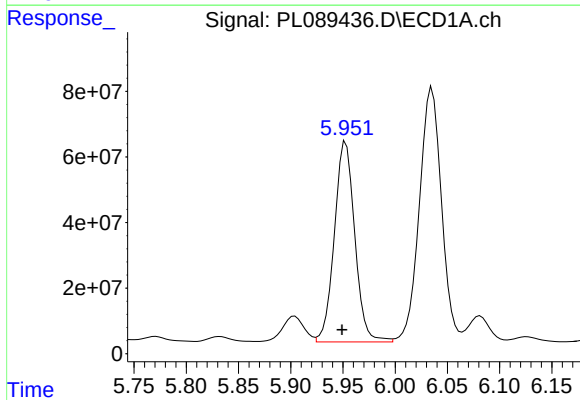
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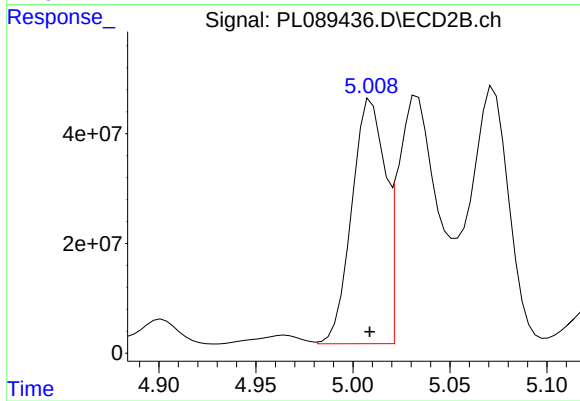
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 112987490
Conc: 75.44 ng/ml



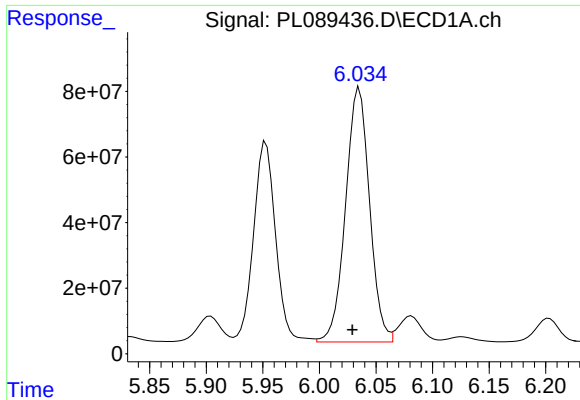
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 830841409
Conc: 363.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 529872978
Conc: 322.91 ng/ml



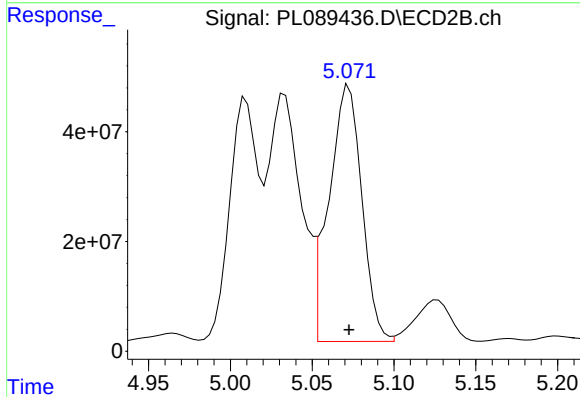
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 1143048714
Conc: 502.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

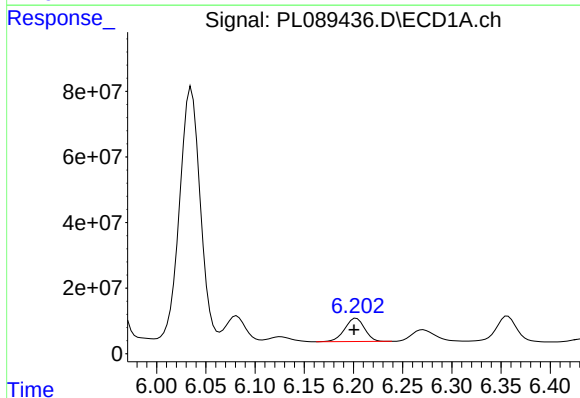
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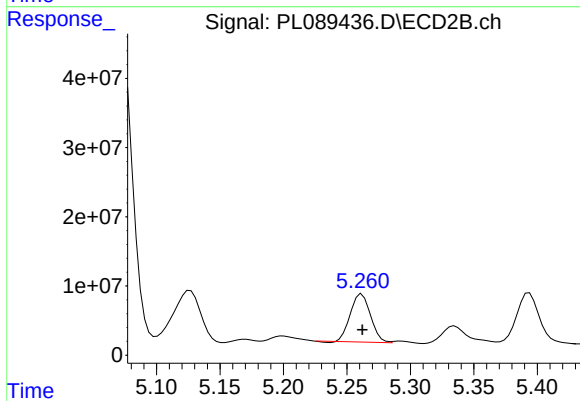
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 654637889
Conc: 396.94 ng/ml



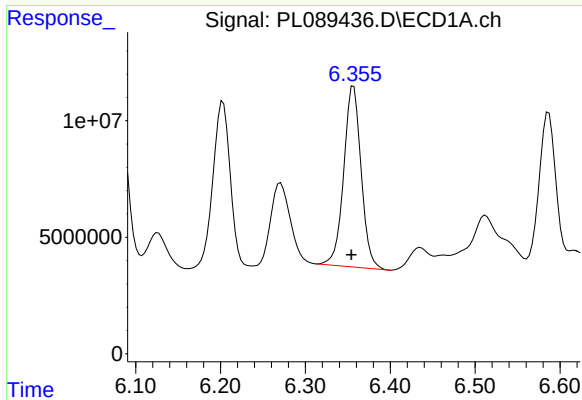
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 100078524
Conc: 49.46 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 76246129
Conc: 52.44 ng/ml



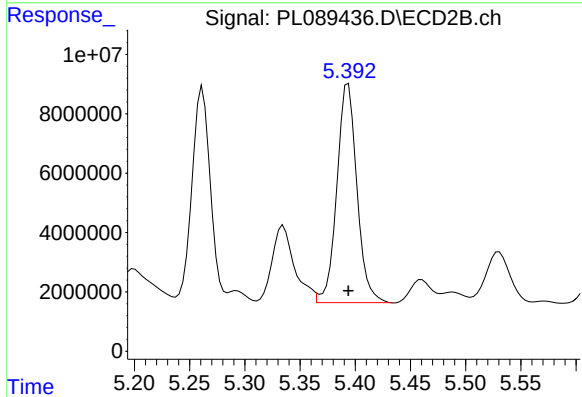
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 110453638
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

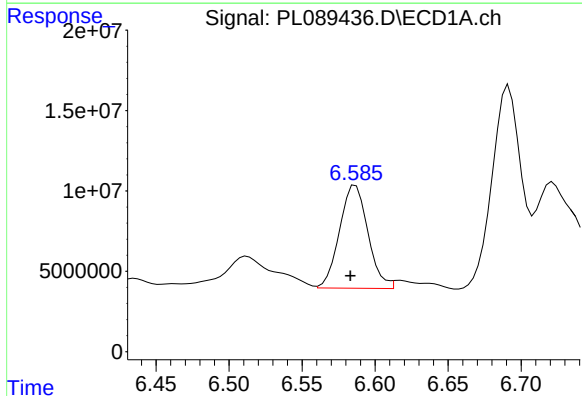
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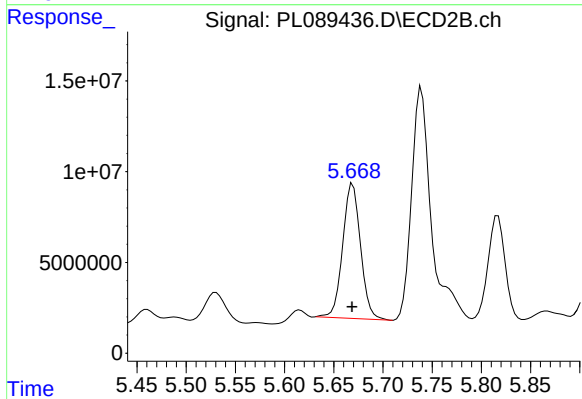
#13 Dieldrin

R.T.: 5.392 min
Delta R.T.: -0.002 min
Response: 93316682
Conc: 58.01 ng/ml m



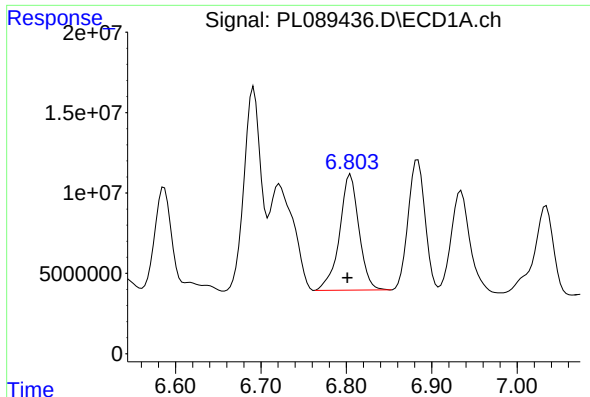
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 86686362
Conc: 45.76 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 94011188
Conc: 65.39 ng/ml



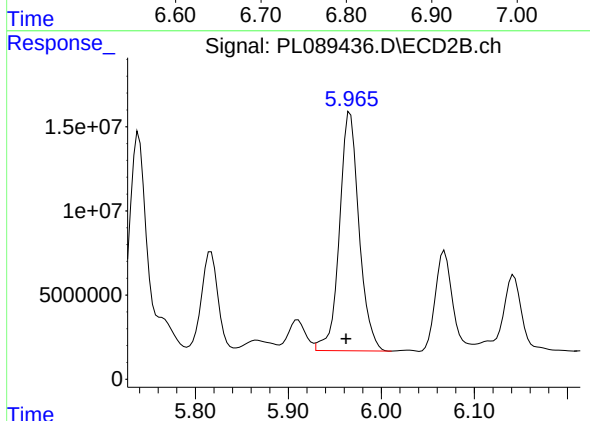
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 113477587
Conc: 56.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
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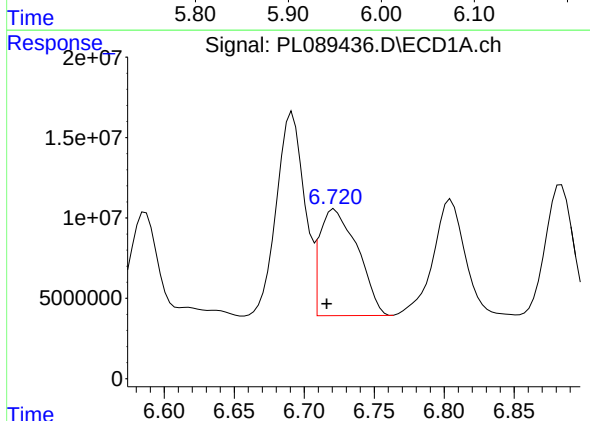
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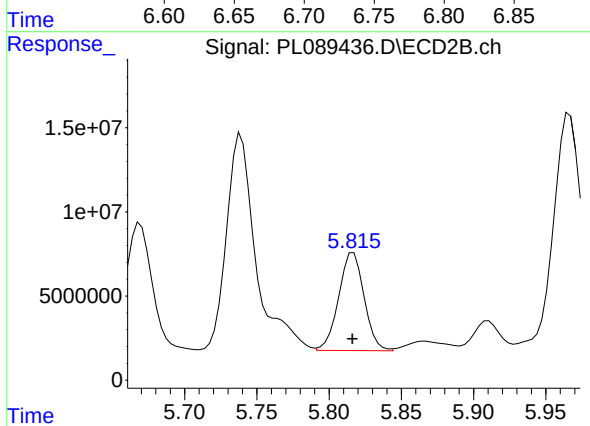
#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 207687035
Conc: 144.40 ng/ml



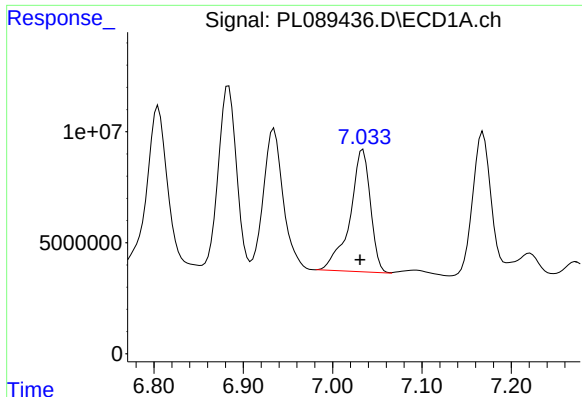
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.005 min
Response: 124956352
Conc: 74.07 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 71040136
Conc: 57.60 ng/ml



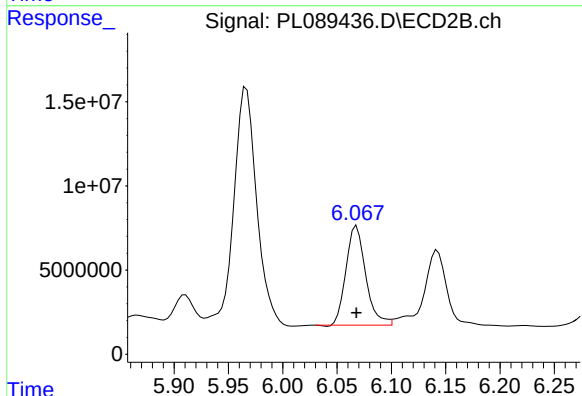
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 87953099
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

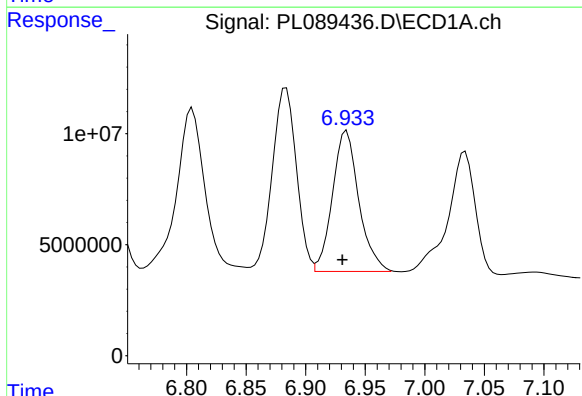
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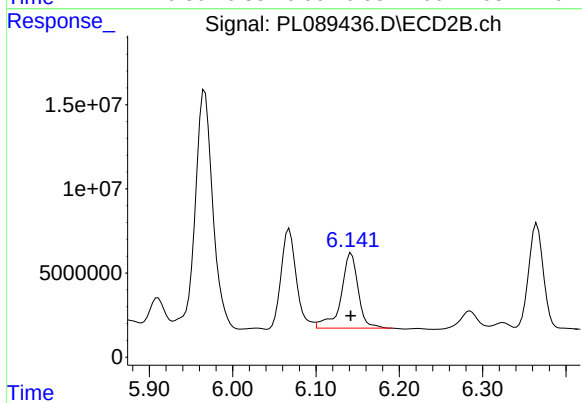
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 74359830
Conc: 54.96 ng/ml



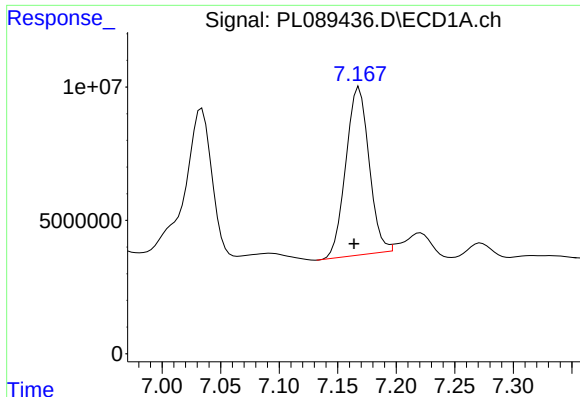
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 97283024
Conc: 64.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 63956815
Conc: 57.50 ng/ml



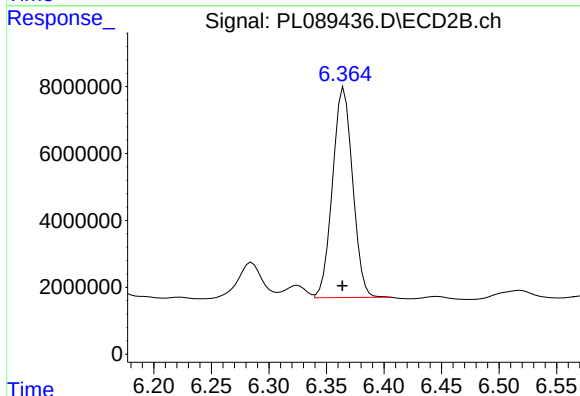
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 87022463
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

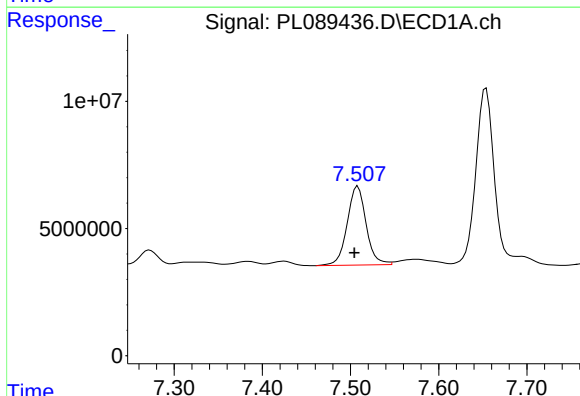
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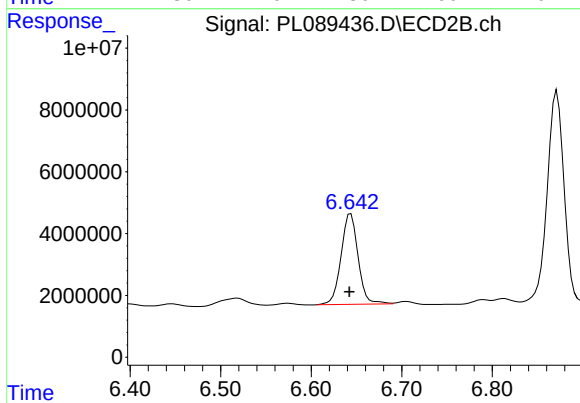
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.001 min
Response: 76338542
Conc: 55.03 ng/ml



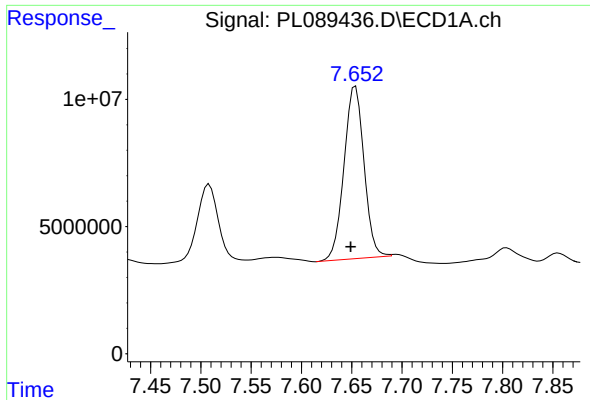
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 46129975
Conc: 46.91 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 38307725
Conc: 47.91 ng/ml



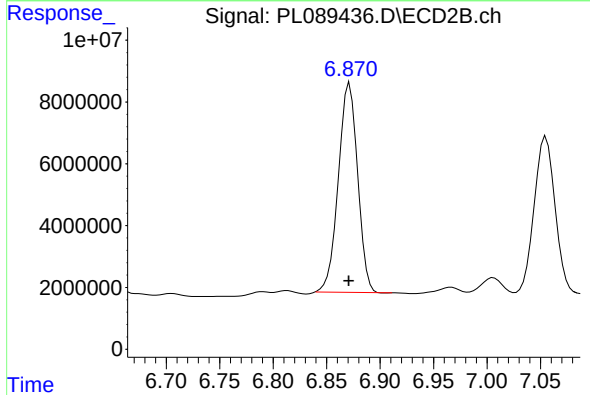
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 93514417
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

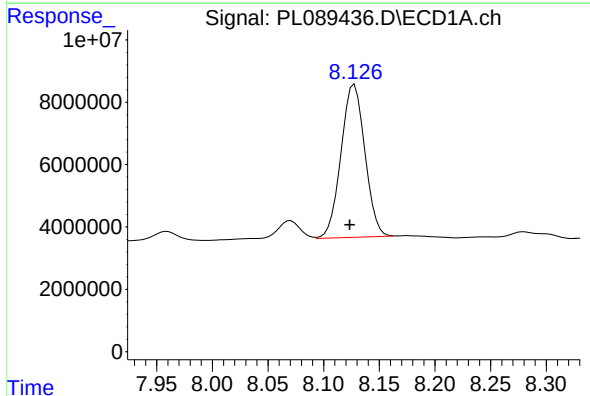
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



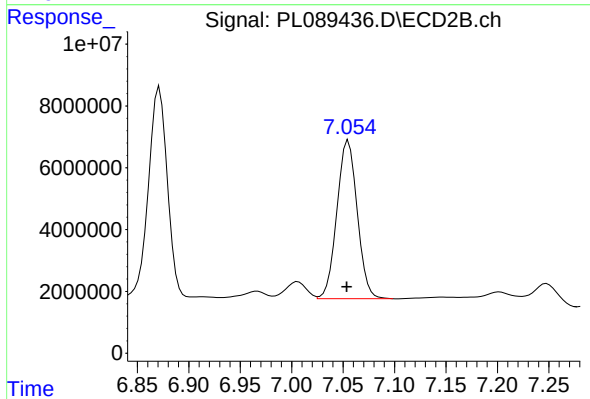
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 85123177
Conc: 53.24 ng/ml



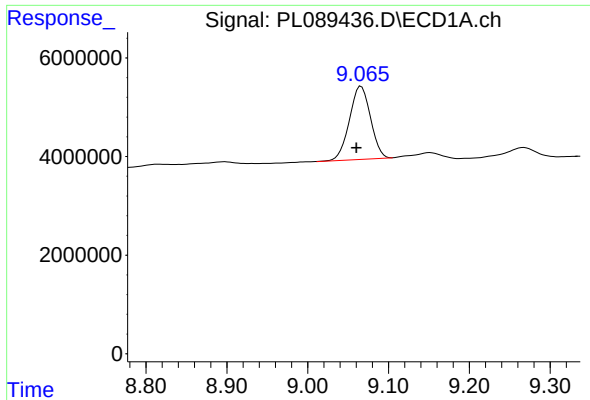
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.003 min
Response: 73249569
Conc: 47.13 ng/ml m



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 70490318
Conc: 51.67 ng/ml m



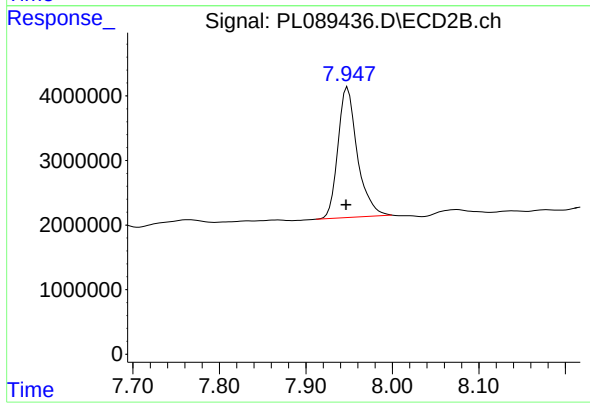
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 26875715
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 31385156
Conc: 23.33 ng/ml