

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 19:11
 Operator : AR\AJ
 Sample : P2414-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 23:16:18 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	39774231	25545588	19.752	19.910
28)	SA Decachlor...	9.066	7.948	26135644	24999109	18.681	18.584
Target Compounds							
2)	A alpha-BHC	4.006	3.302	137.8E6	98814055	48.337	52.369
3)	MA gamma-BHC...	4.339	3.632	129.6E6	94327063	46.542	51.119
4)	MA Heptachlor	4.928	3.974	121.3E6	90262401	48.912	51.511
5)	MB Aldrin	5.269	4.255	112.0E6	85294835	43.596m	48.249
6)	B beta-BHC	4.533	3.930	59171073	41669118	46.903	51.037
7)	B delta-BHC	4.781	4.161	120.8E6	90449487	45.545	50.272
8)	B Heptachlo...	5.696	4.759	109.6E6	80696032	46.733	49.912
9)	A Endosulfan I	6.081	5.129	100.7E6	75820307	46.848	50.625
10)	B gamma-Chl...	5.951	5.009	110.3E6	85556974	48.251	52.139
11)	B alpha-Chl...	6.031	5.073	109.0E6	85667027	47.906	51.945
12)	B 4,4'-DDE	6.203	5.262	92653487	73795450	45.792	50.754
13)	MA Dieldrin	6.357	5.394	103.7E6	81204478	46.328	50.478
14)	MA Endrin	6.586	5.669	91601035	74894121	48.355	52.094
15)	B Endosulfa...	6.804	5.962	92014712	72845129	46.104	50.646
16)	A 4,4'-DDD	6.720	5.817	78562312	62692786	46.569	50.836
17)	MA 4,4'-DDT	7.033	6.068	87199774	68199426	47.418	50.407
18)	B Endrin al...	6.934	6.142	70589840	55602390	46.677	49.988
19)	B Endosulfa...	7.168	6.365	85033634	70041458	47.009	50.492
20)	A Methoxychlor	7.508	6.643	46431984	39283252	47.216	49.130
21)	B Endrin ke...	7.653	6.871	94128288	80170258	47.026	50.138
22)	Mirex	8.128	7.055	73818970	65915126	47.499	48.317

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 19:11
Operator : AR\AJ
Sample : P2414-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

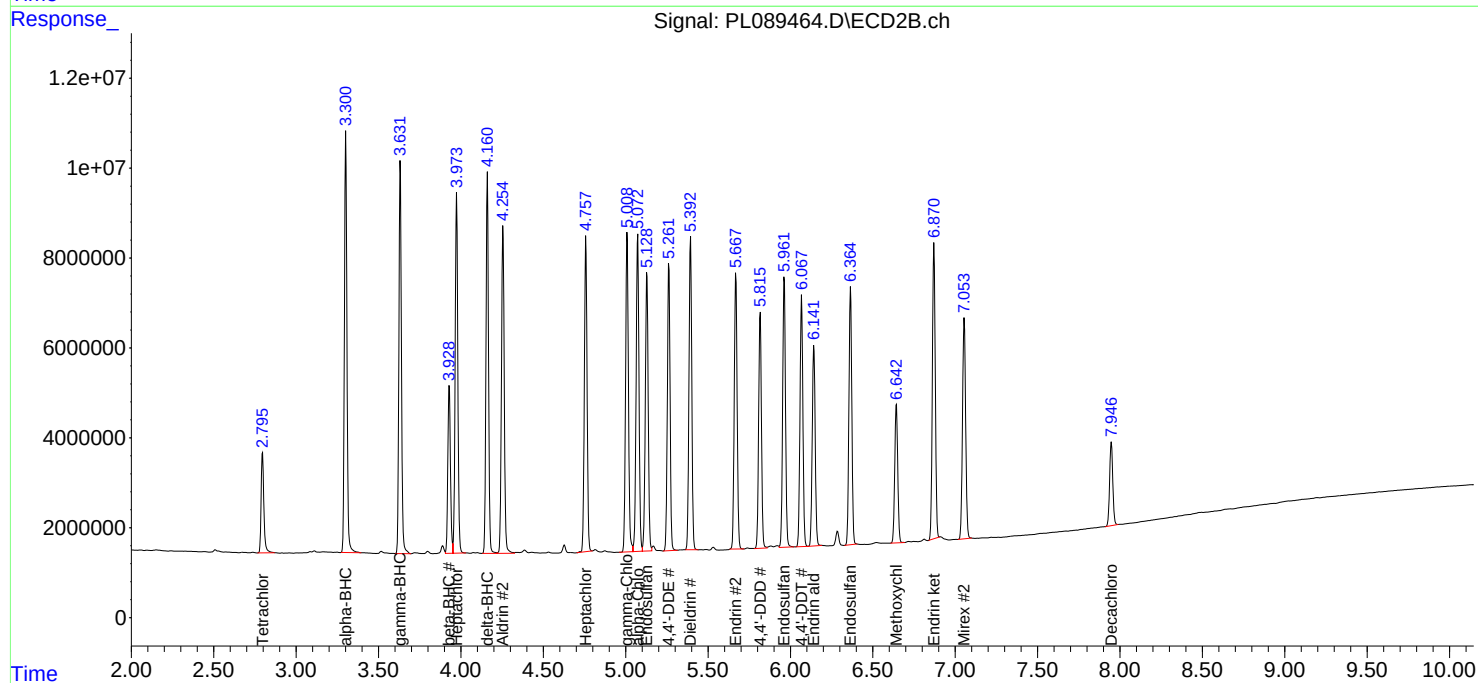
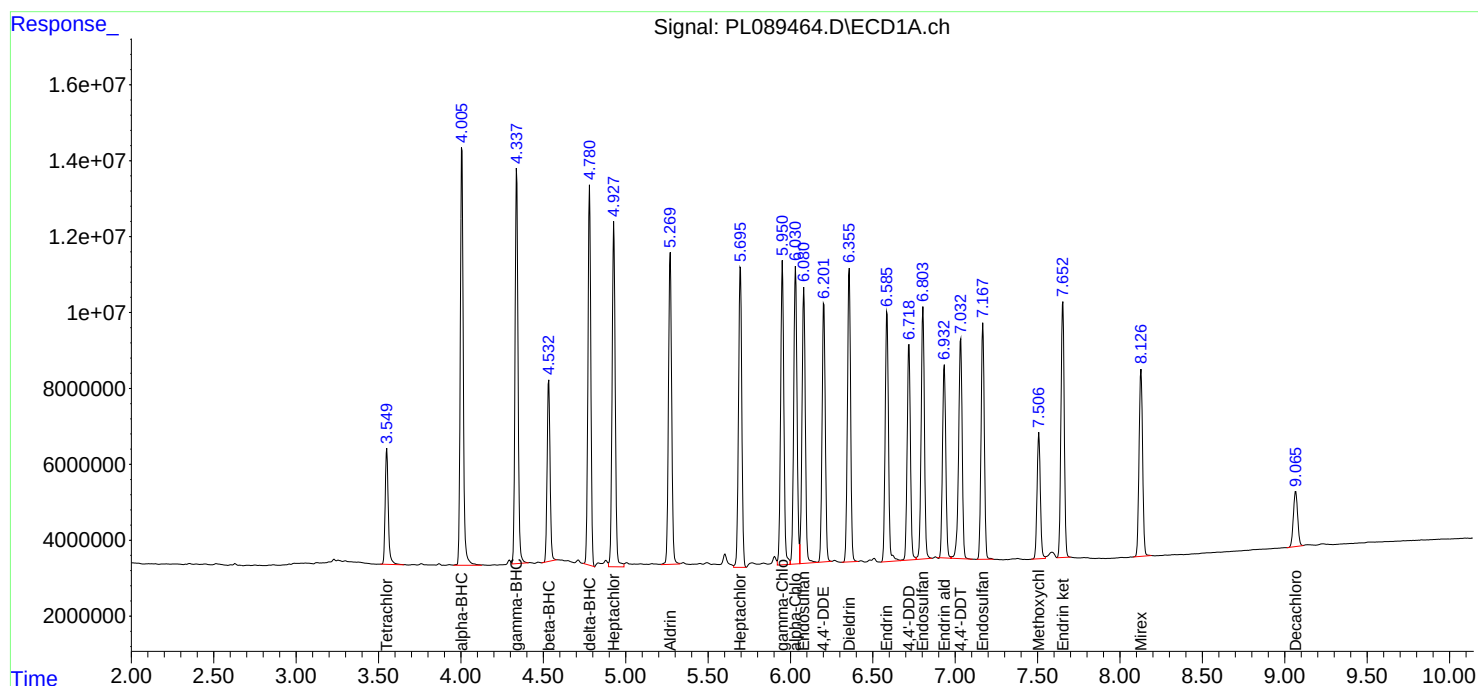
Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MSD

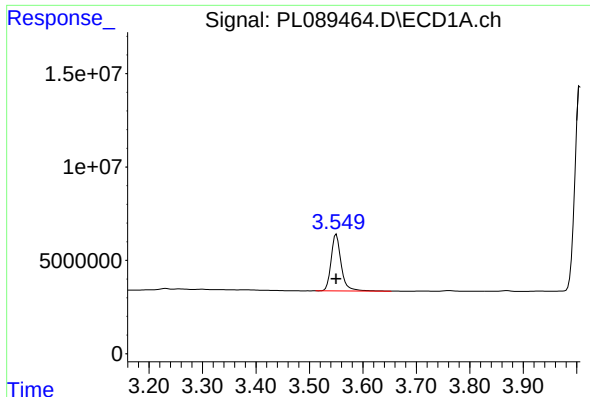
Manual Integrations
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Supervised By : Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 23:16:18 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





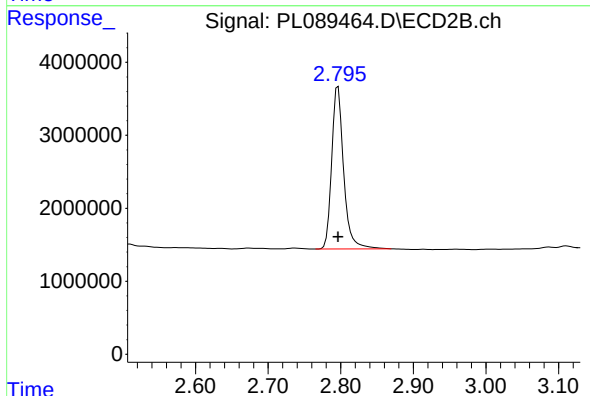
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 39774231
Conc: 19.75 ng/ml

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

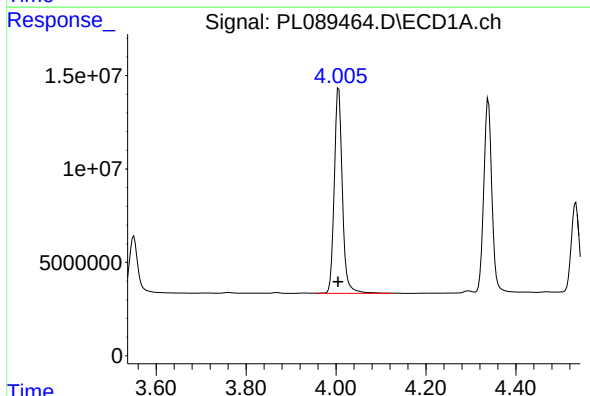
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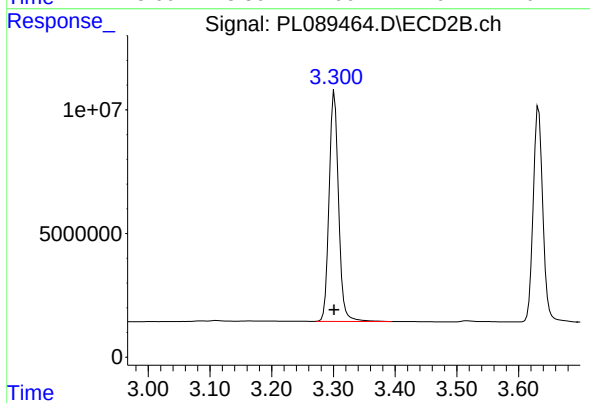
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 25545588
Conc: 19.91 ng/ml



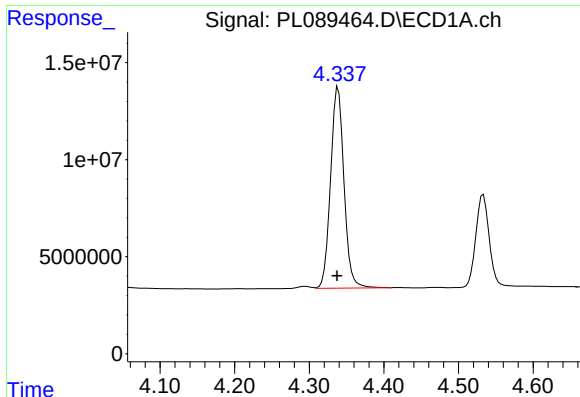
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 137846172
Conc: 48.34 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 98814055
Conc: 52.37 ng/ml



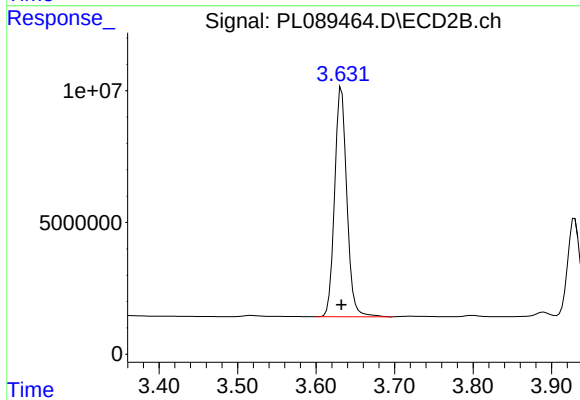
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 129571450
Conc: 46.54 ng/ml

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

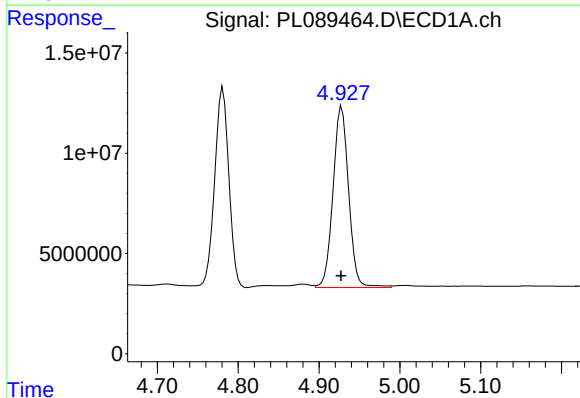
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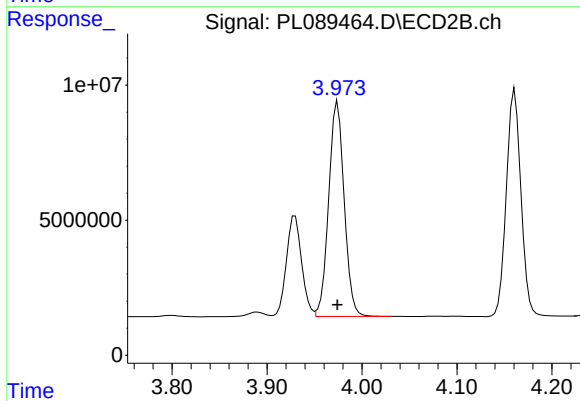
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 94327063
Conc: 51.12 ng/ml



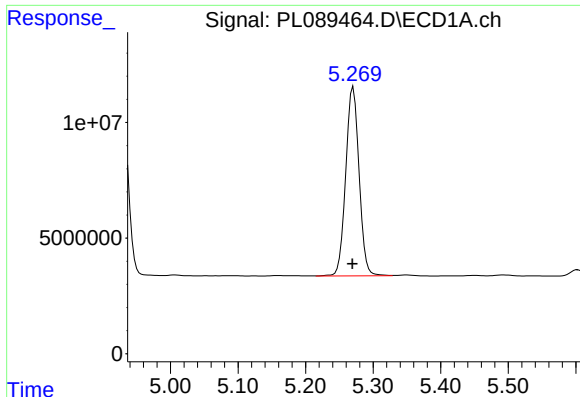
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 121308089
Conc: 48.91 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 90262401
Conc: 51.51 ng/ml



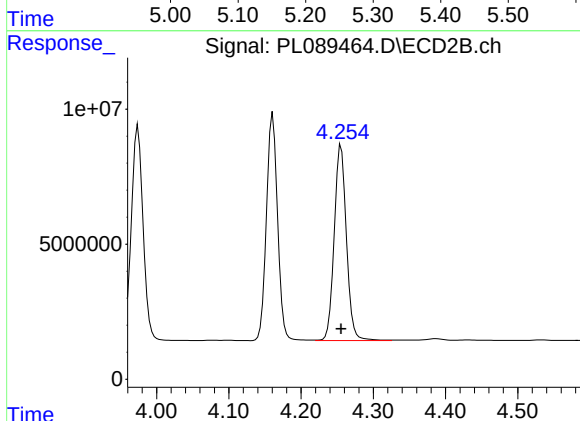
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 111964891
Conc: 43.60 ng/ml

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

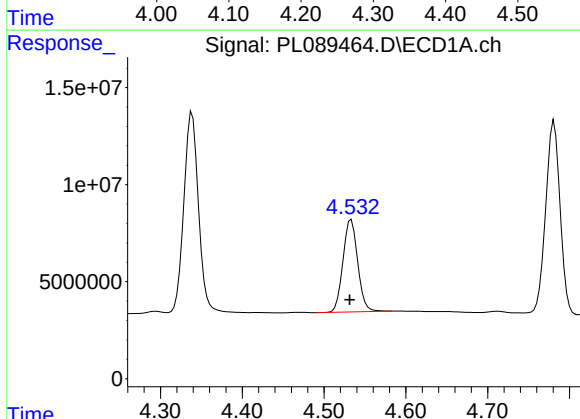
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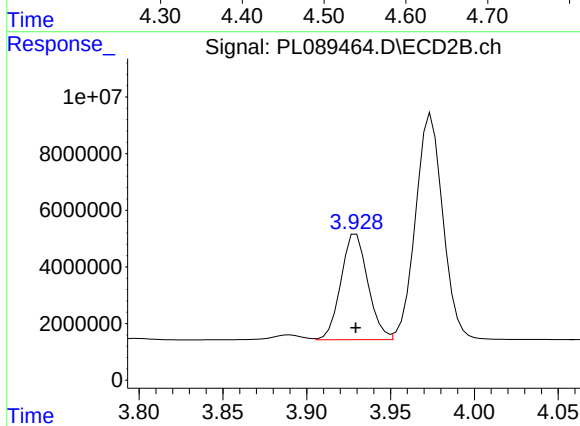
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 85294835
Conc: 48.25 ng/ml



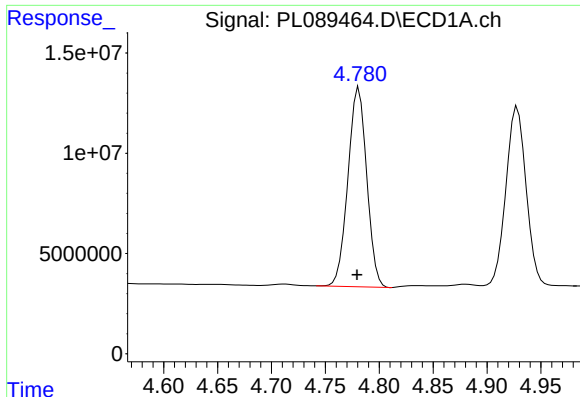
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 59171073
Conc: 46.90 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 41669118
Conc: 51.04 ng/ml



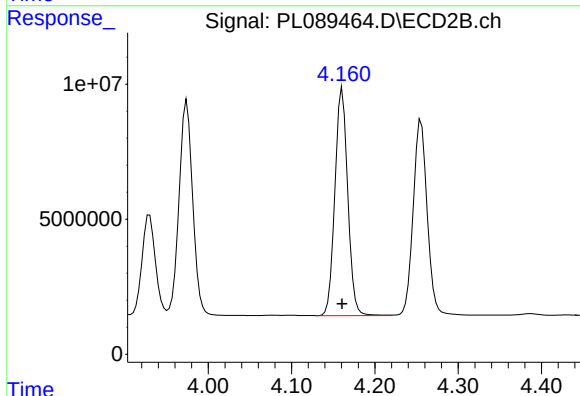
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 120788474
Conc: 45.55 ng/ml

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

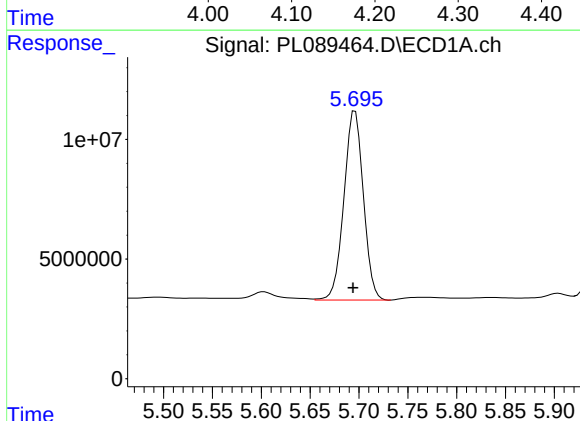
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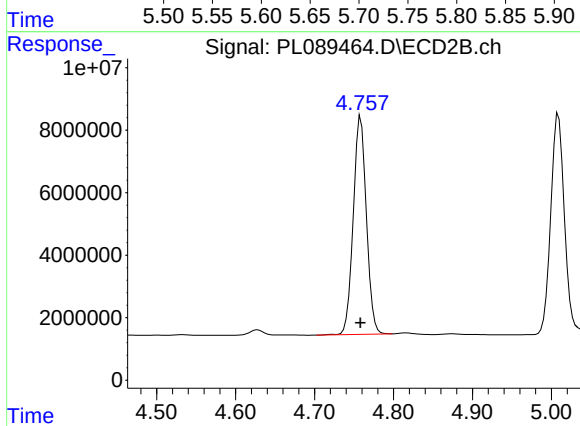
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 90449487
Conc: 50.27 ng/ml



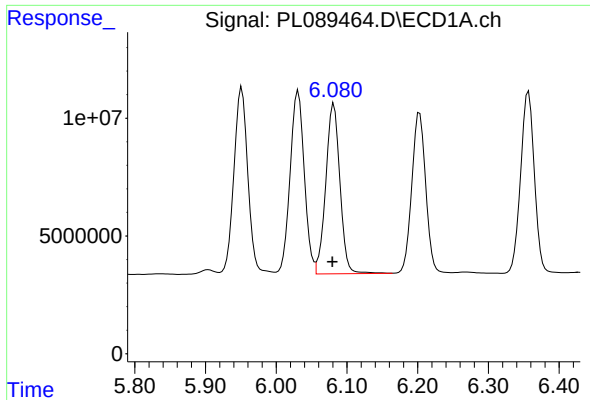
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 109610060
Conc: 46.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 80696032
Conc: 49.91 ng/ml



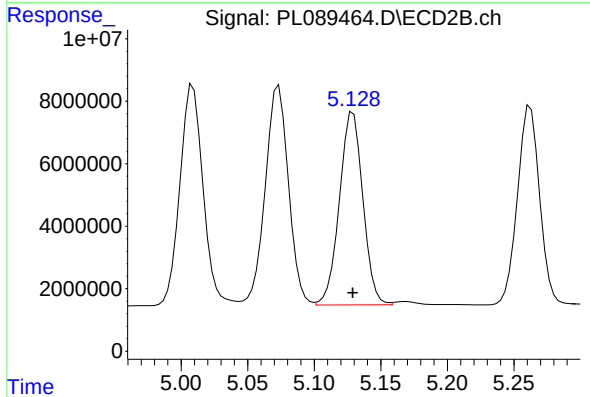
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 100712892
Conc: 46.85 ng/ml

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

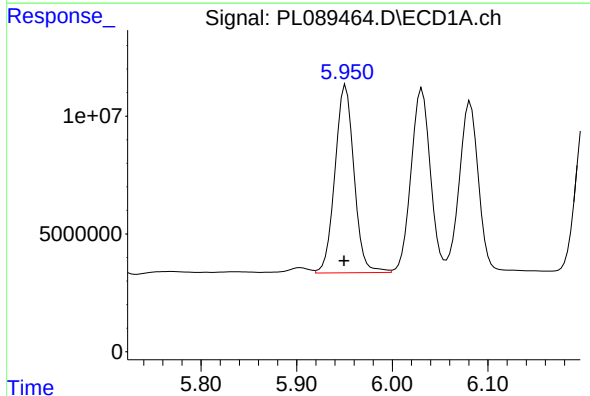
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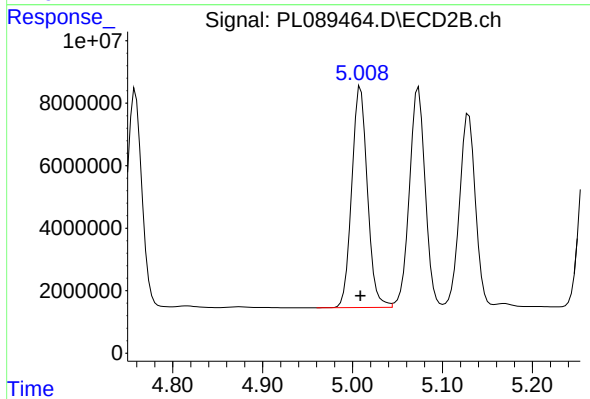
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 75820307
Conc: 50.62 ng/ml



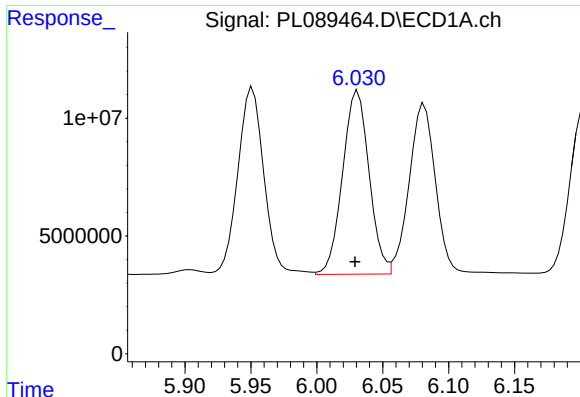
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 110297330
Conc: 48.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 85556974
Conc: 52.14 ng/ml



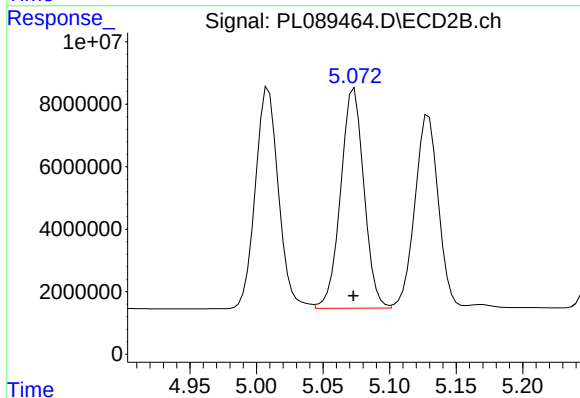
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 108971616
Conc: 47.91 ng/ml

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

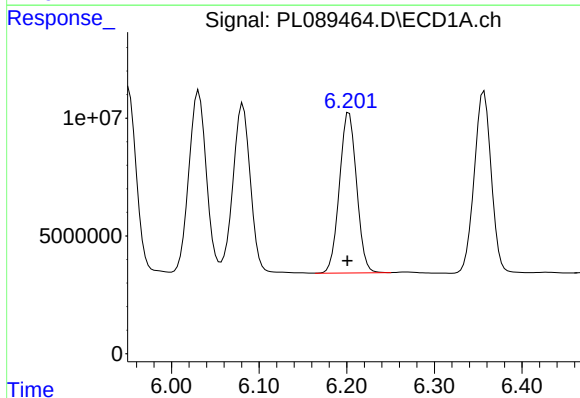
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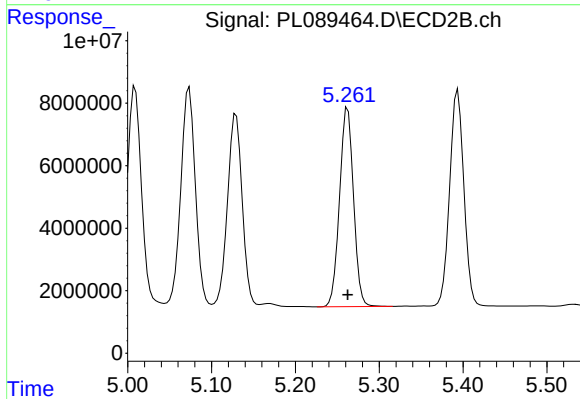
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 85667027
Conc: 51.94 ng/ml



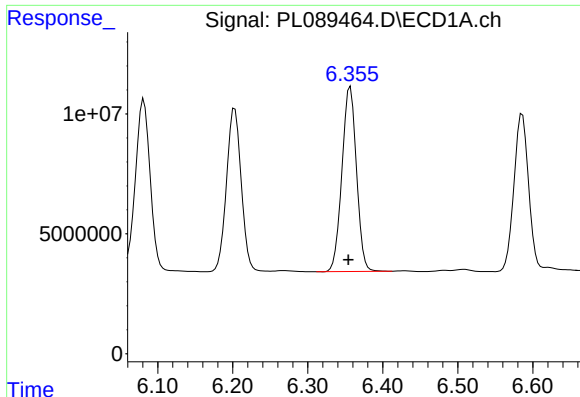
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 92653487
Conc: 45.79 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 73795450
Conc: 50.75 ng/ml



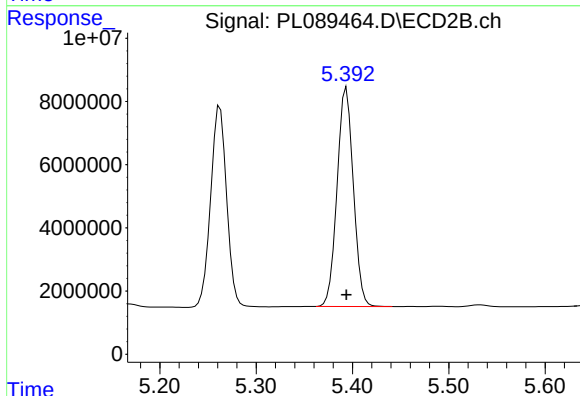
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 103703397
Conc: 46.33 ng/ml

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

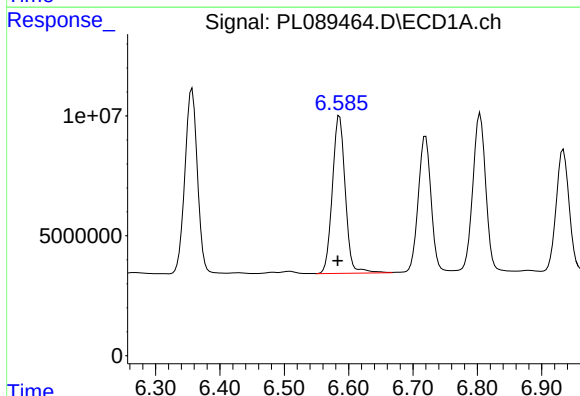
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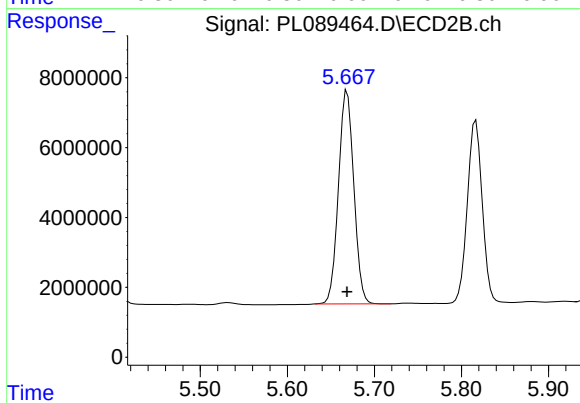
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 81204478
Conc: 50.48 ng/ml



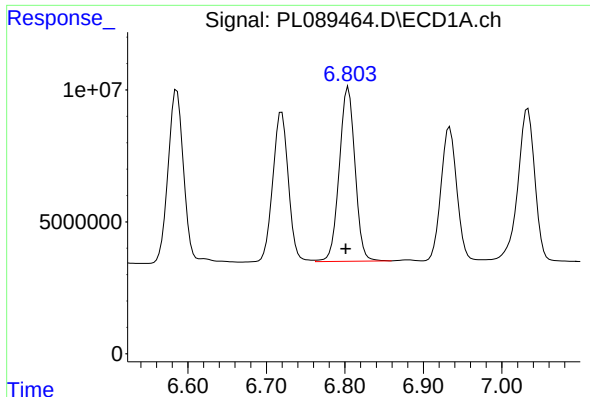
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 91601035
Conc: 48.36 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 74894121
Conc: 52.09 ng/ml



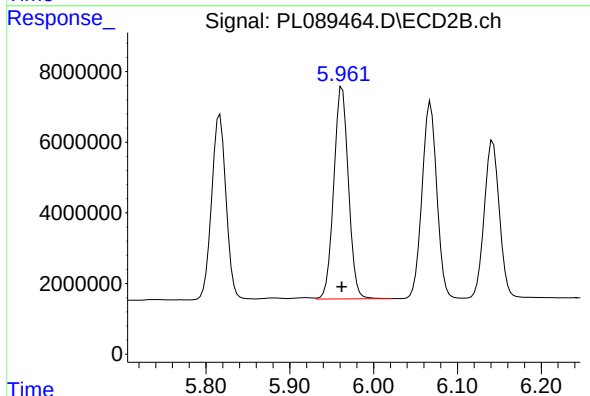
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 92014712
Conc: 46.10 ng/ml

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

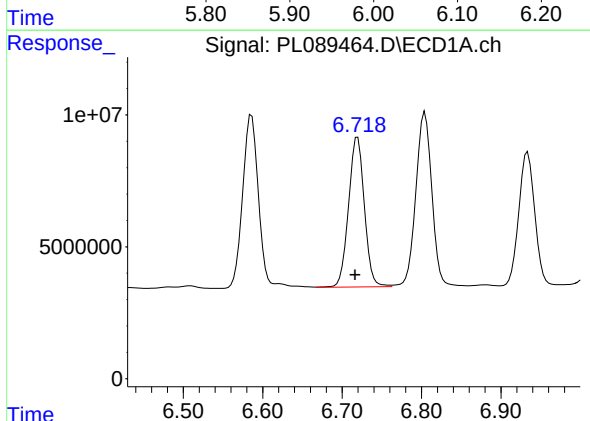
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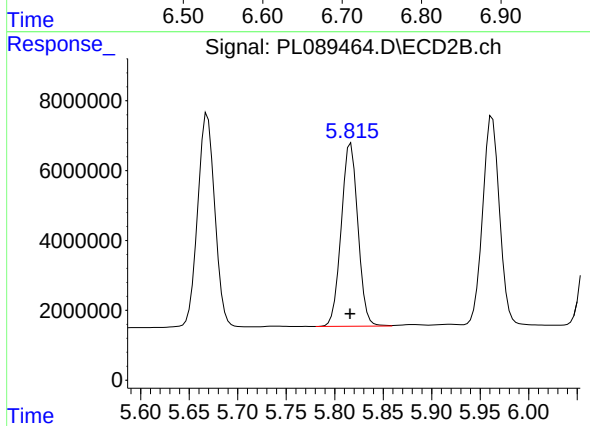
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 72845129
Conc: 50.65 ng/ml



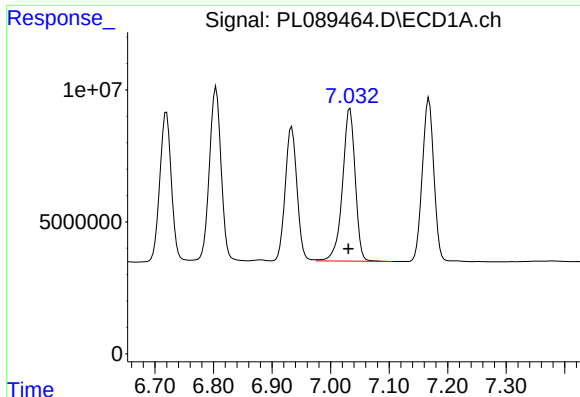
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 78562312
Conc: 46.57 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 62692786
Conc: 50.84 ng/ml



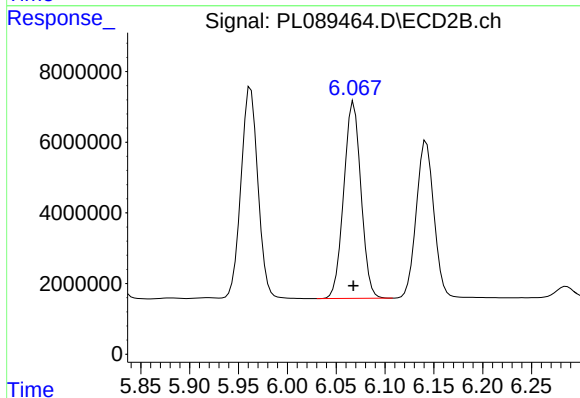
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 87199774
Conc: 47.42 ng/ml

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

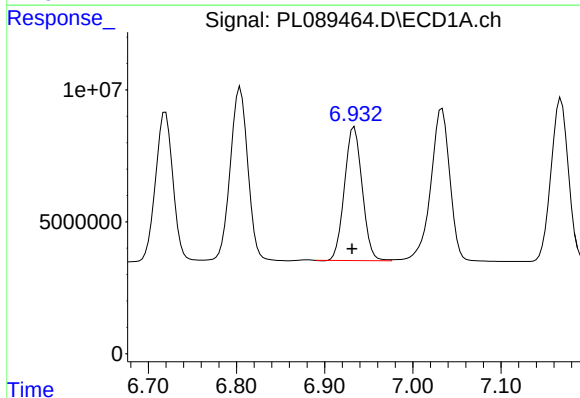
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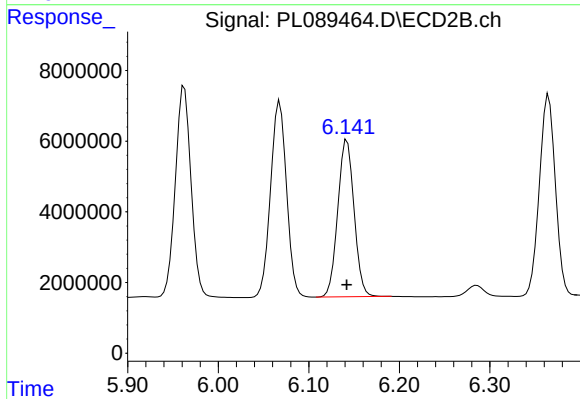
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 68199426
Conc: 50.41 ng/ml



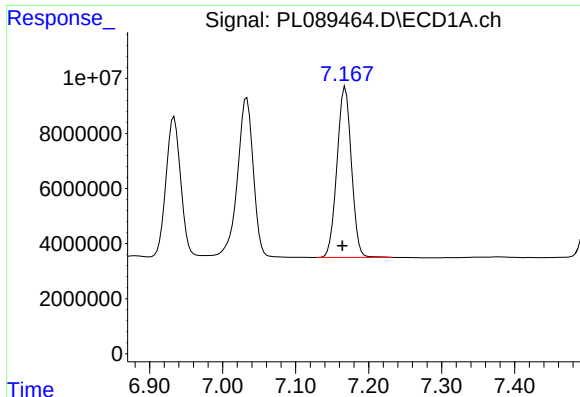
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 70589840
Conc: 46.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 55602390
Conc: 49.99 ng/ml



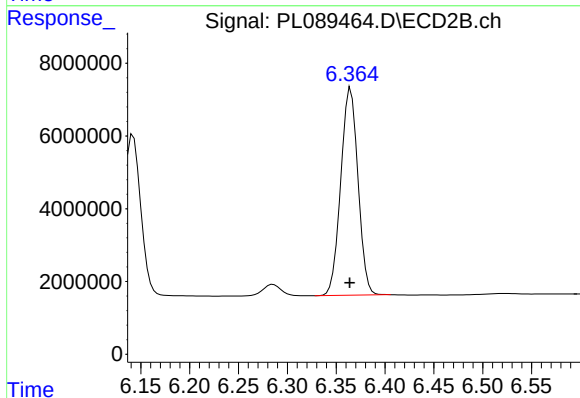
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 85033634
Conc: 47.01 ng/ml

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

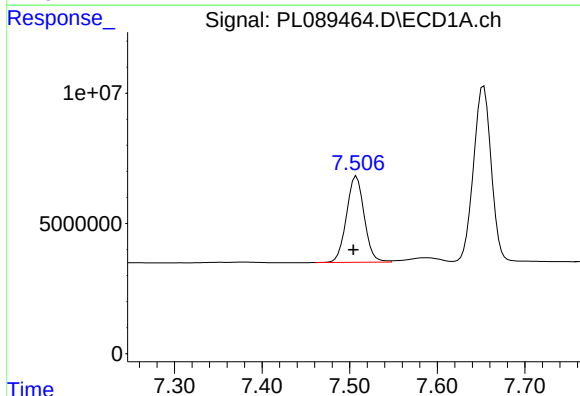
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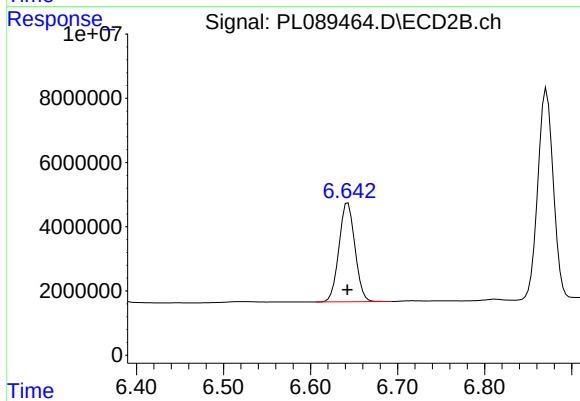
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.001 min
Response: 70041458
Conc: 50.49 ng/ml



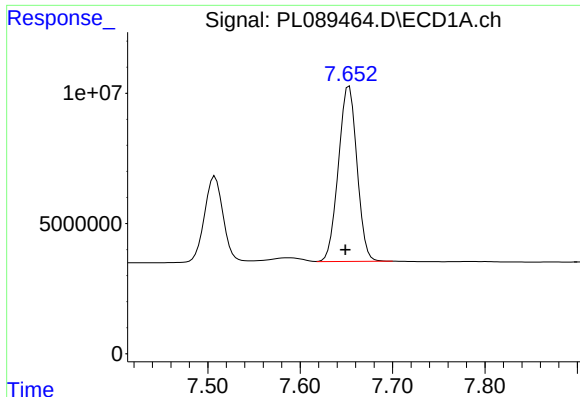
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 46431984
Conc: 47.22 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 39283252
Conc: 49.13 ng/ml



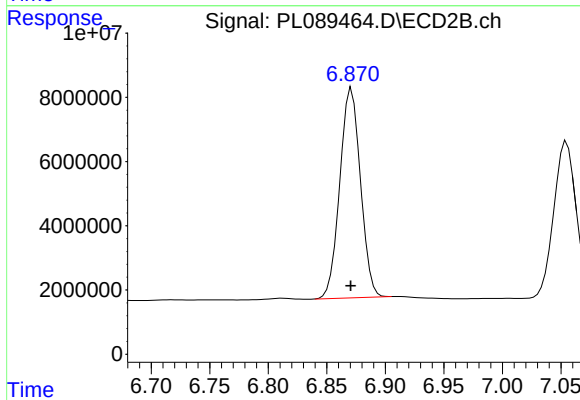
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 94128288
Conc: 47.03 ng/ml

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

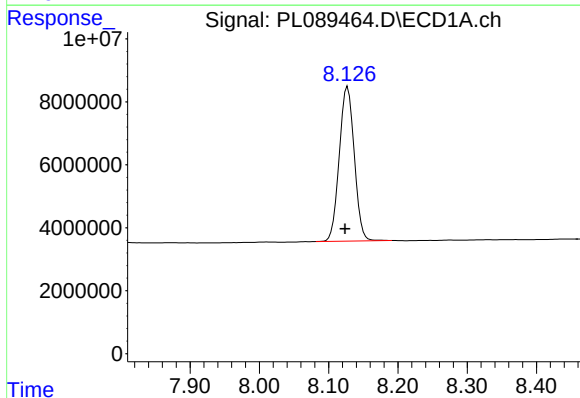
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



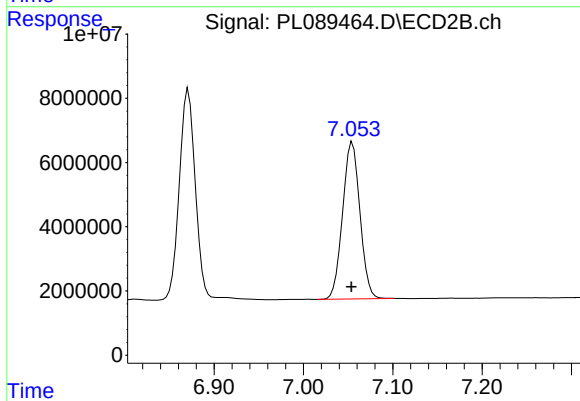
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 80170258
Conc: 50.14 ng/ml



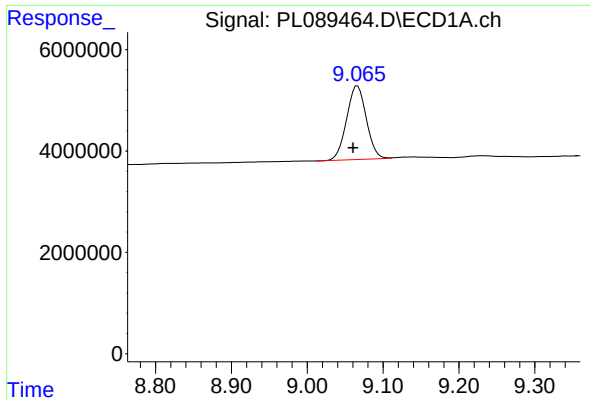
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 73818970
Conc: 47.50 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 65915126
Conc: 48.32 ng/ml



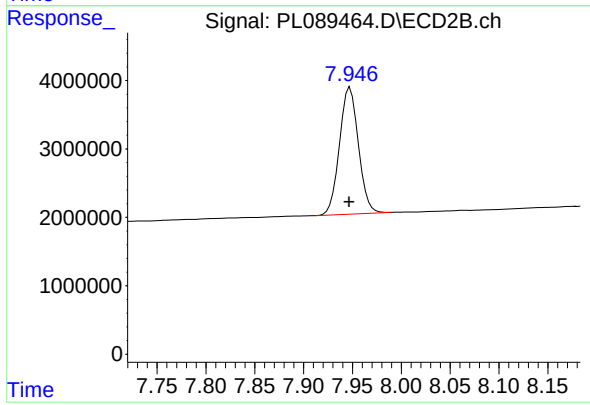
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 26135644
Conc: 18.68 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.001 min
Response: 24999109
Conc: 18.58 ng/ml