

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 13:44
 Operator : AR\AJ
 Sample : Q1169-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SPILL-SITEMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/27/2025
 Supervised By : Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:48:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.774	57517371	68362137	21.360m	20.943
28)	SA Decachlor...	9.054	7.910	41423429	65190876	19.802	18.604
Target Compounds							
2)	A alpha-BHC	3.994	3.277	172.2E6	229.2E6	44.927	46.880
3)	MA gamma-BHC...	4.327	3.607	165.9E6	217.3E6	45.048	45.822
4)	MA Heptachlor	4.913	3.945	153.6E6	216.7E6	46.873m	46.546
5)	MB Aldrin	5.256	4.224	145.4E6	209.7E6	44.450	45.979
6)	B beta-BHC	4.525	3.907	74079434	95061489	46.089	47.592
7)	B delta-BHC	4.772	4.135	160.5E6	215.7E6	45.786	45.398
8)	B Heptachlo...	5.683	4.727	132.2E6	196.5E6	44.444	46.995
9)	A Endosulfan I	6.068	5.097	119.9E6	179.7E6	45.352	46.353
10)	B gamma-Chl...	5.939	4.975	132.2E6	209.4E6	47.420	49.423m
11)	B alpha-Chl...	6.018	5.041	129.7E6	202.1E6	46.511	48.285
12)	B 4,4'-DDE	6.192	5.229	117.3E6	202.8E6	48.200	50.586
13)	MA Dieldrin	6.343	5.361	127.0E6	207.4E6	45.748	48.271
14)	MA Endrin	6.572	5.635	110.4E6	185.3E6	47.083m	50.169m
15)	B Endosulfa...	6.794	5.932	109.5E6	180.9E6	45.447	48.848
16)	A 4,4'-DDD	6.709	5.784	100.6E6	158.2E6	52.910	50.112
17)	MA 4,4'-DDT	7.023	6.034	100.4E6	169.7E6	50.917	52.154
18)	B Endrin al...	6.924	6.111	86876113	138.8E6	44.688	45.577
19)	B Endosulfa...	7.158	6.333	104.7E6	171.5E6	46.272	48.099
20)	A Methoxychlor	7.499	6.610	50901685	84055789	48.785	47.007
21)	B Endrin ke...	7.643	6.838	117.8E6	192.6E6	46.699	45.910
22)	Mirex	8.117	7.018	88768322	147.0E6	42.626	43.466

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
Data File : PL093789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 13:44
Operator : AR\AJ
Sample : Q1169-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

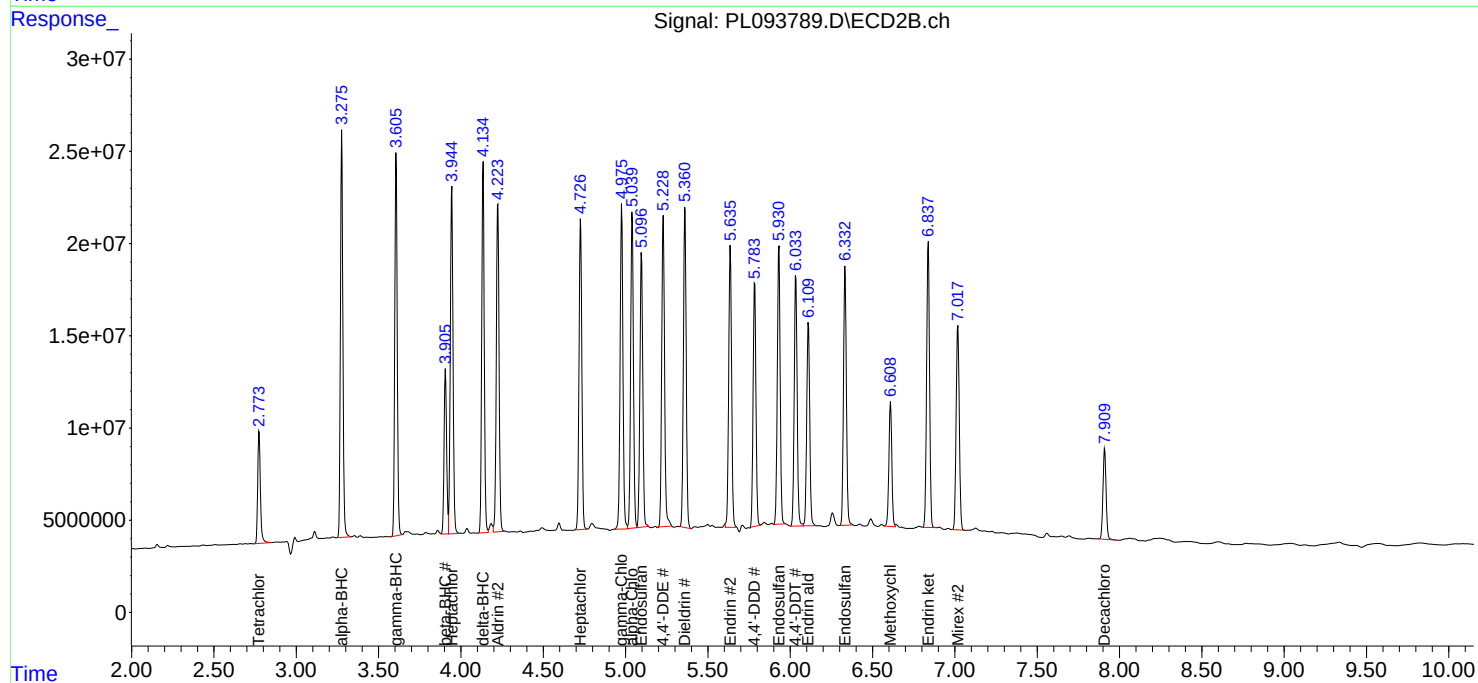
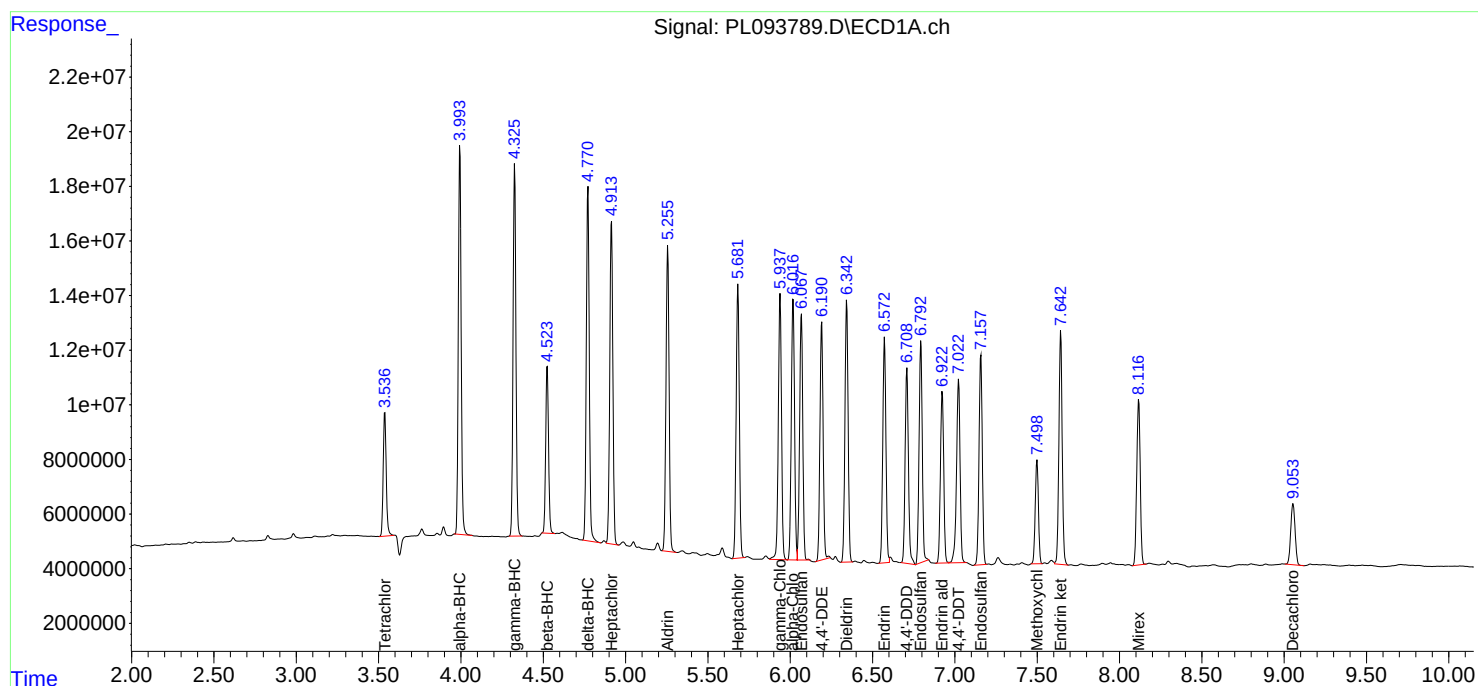
Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

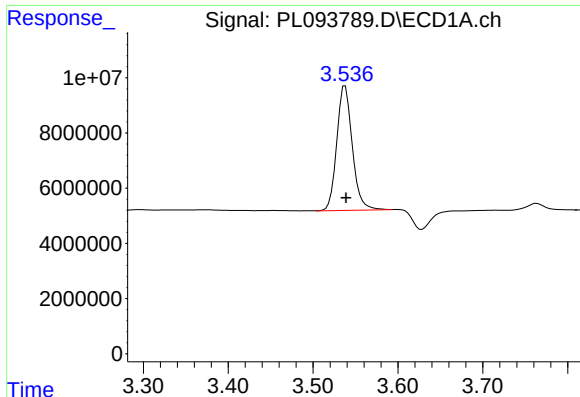
Manual Integrations
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Supervised By : Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:48:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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 x0.25µm





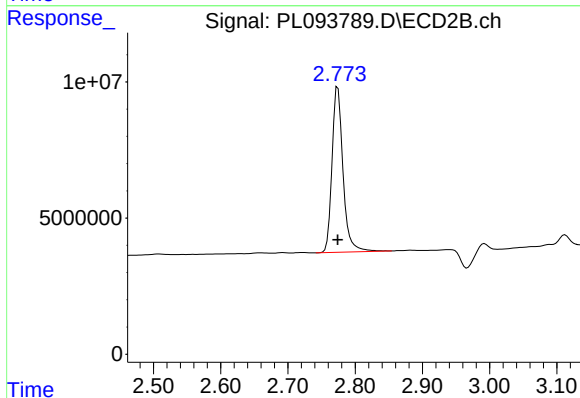
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 57517371
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

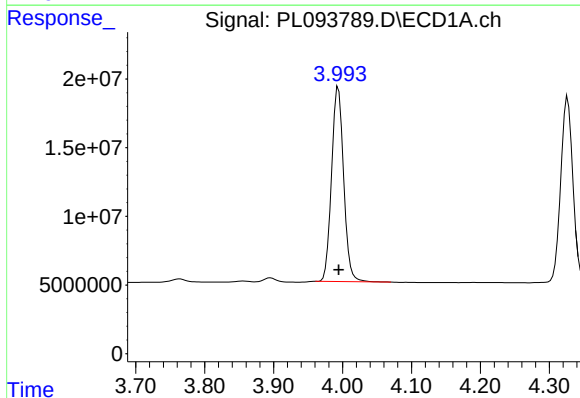
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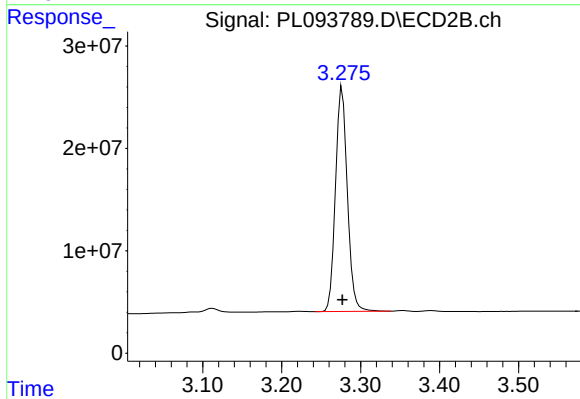
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 68362137
Conc: 20.94 ng/ml



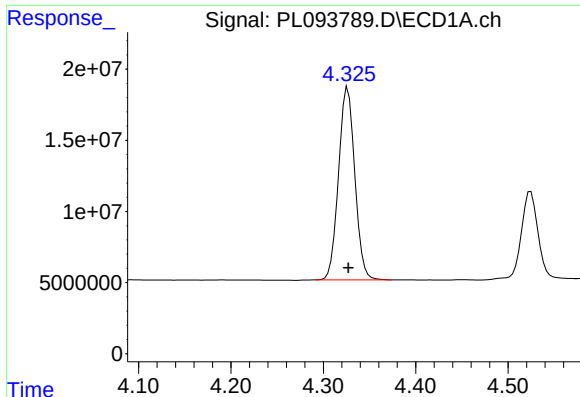
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 172243139
Conc: 44.93 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 229195059
Conc: 46.88 ng/ml



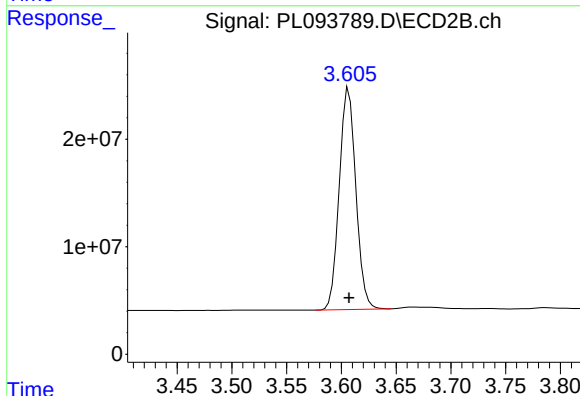
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 165904291
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

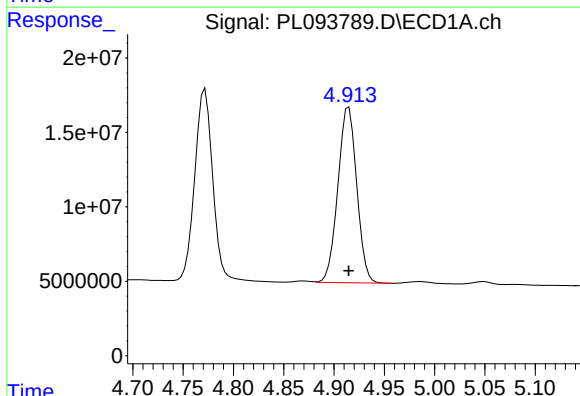
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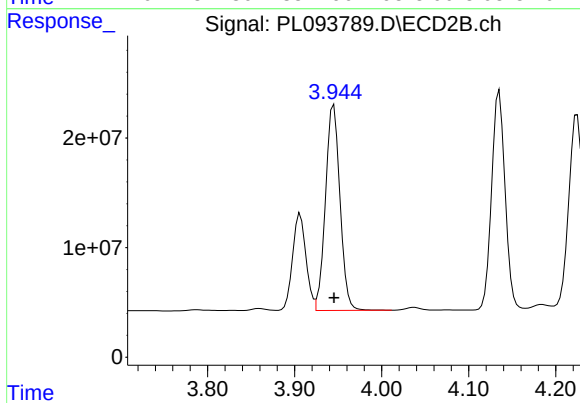
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 217251838
Conc: 45.82 ng/ml



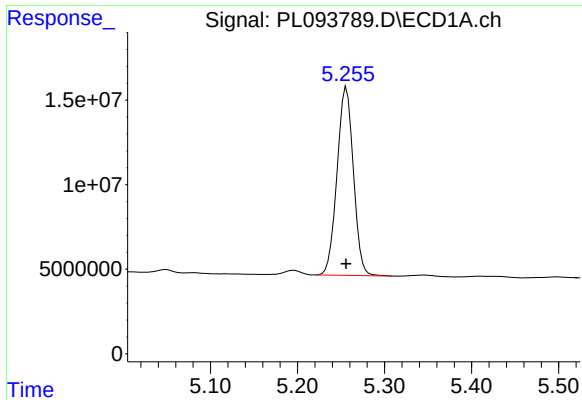
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 153617976
Conc: 46.87 ng/ml m



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 216664067
Conc: 46.55 ng/ml



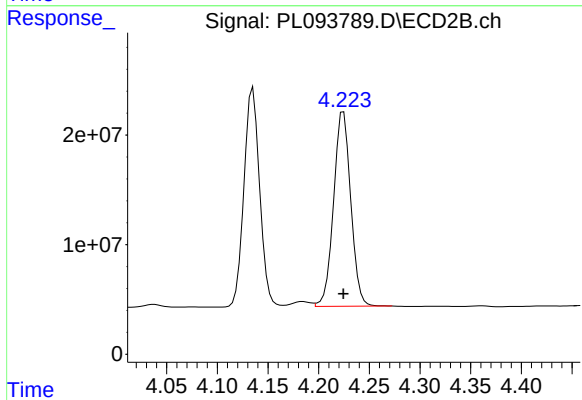
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 145440285
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

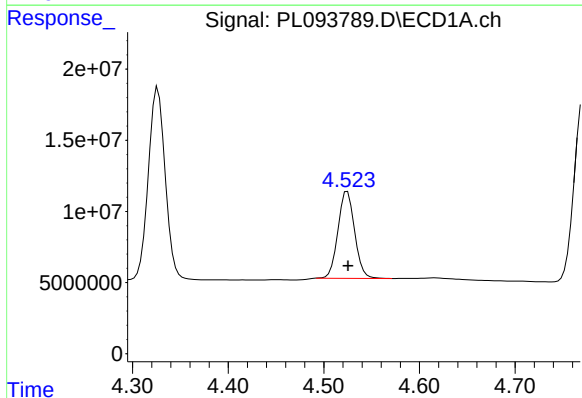
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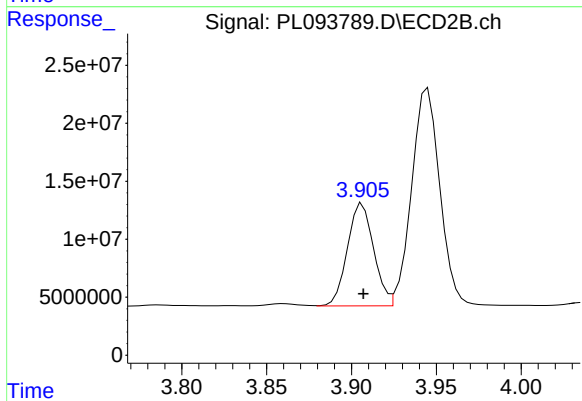
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 209748414
Conc: 45.98 ng/ml



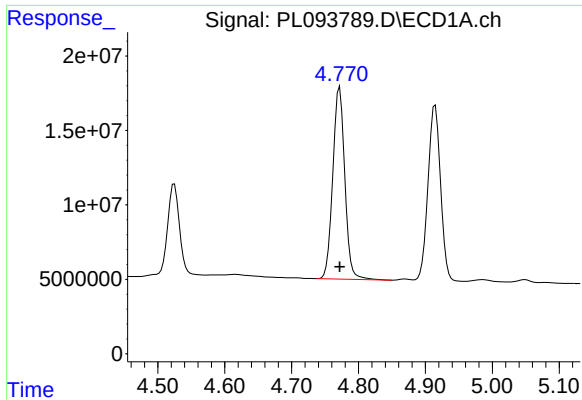
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 74079434
Conc: 46.09 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 95061489
Conc: 47.59 ng/ml



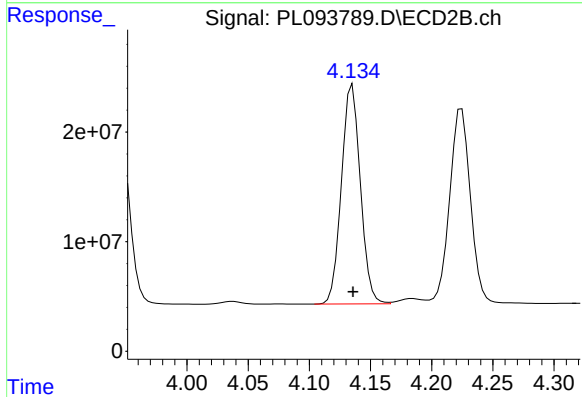
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 160494216
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

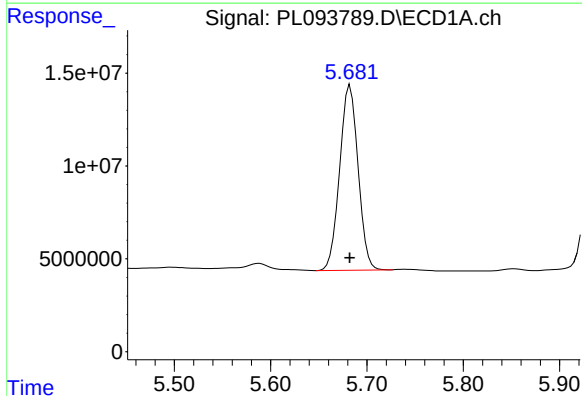
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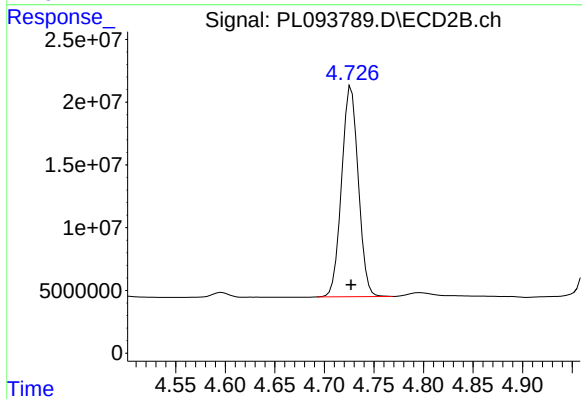
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 215696205
Conc: 45.40 ng/ml



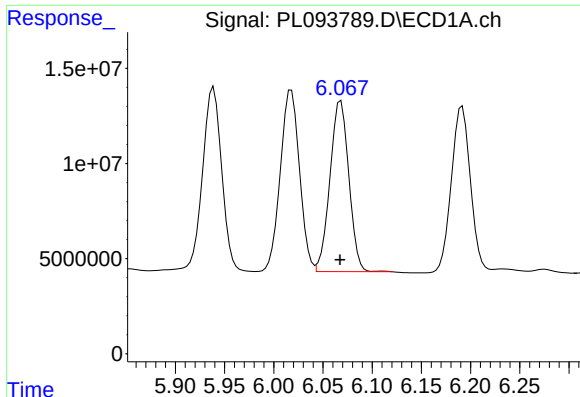
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 132169394
Conc: 44.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 196451542
Conc: 47.00 ng/ml



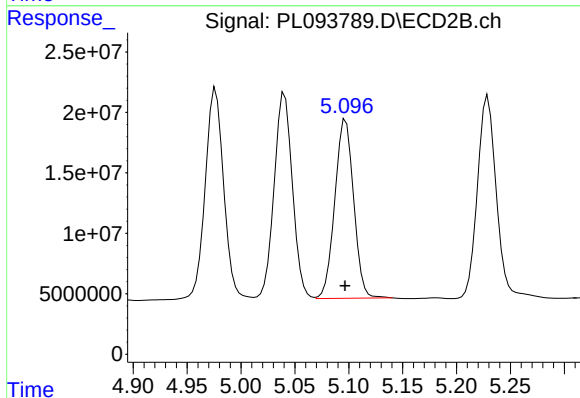
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 119858984
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

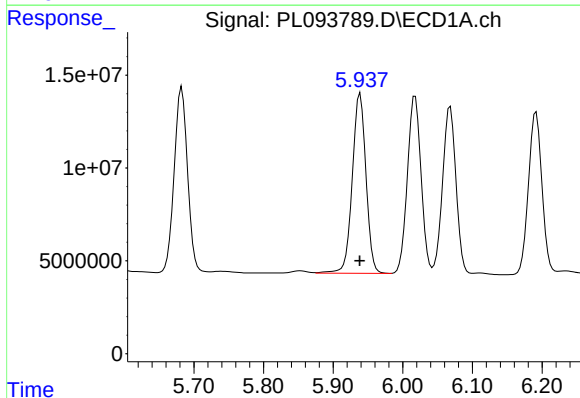
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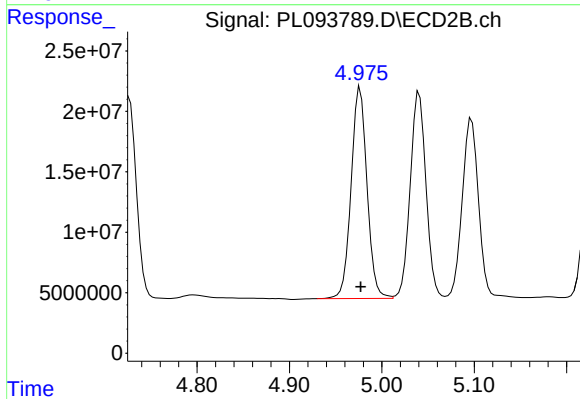
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 179705328
Conc: 46.35 ng/ml



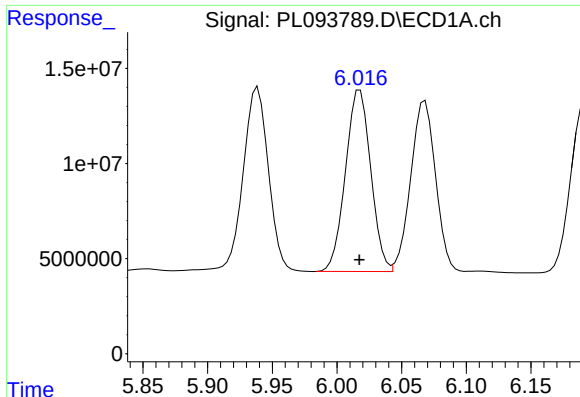
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 132175810
Conc: 47.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 209435392
Conc: 49.42 ng/ml m



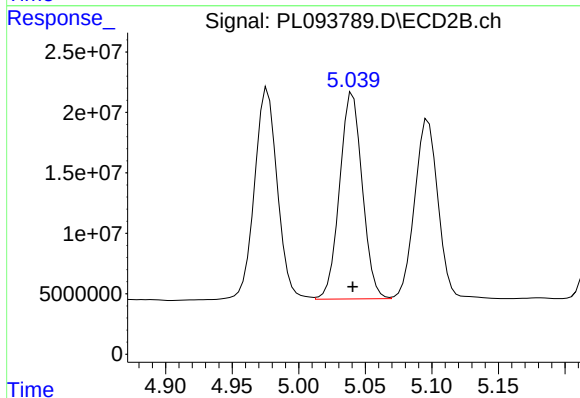
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 129691864
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

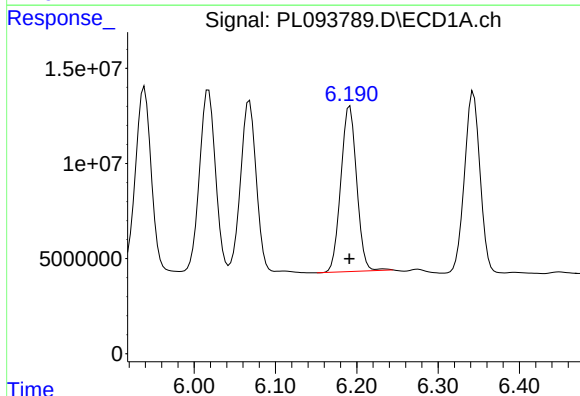
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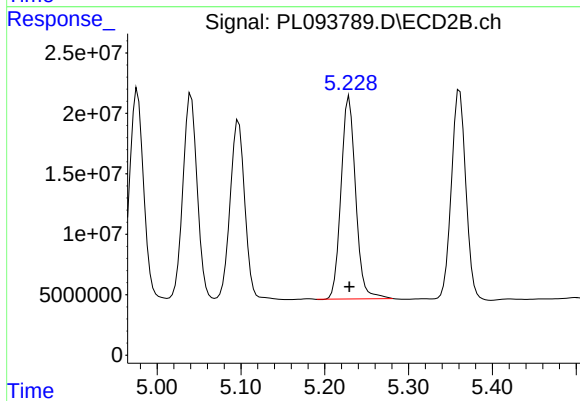
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 202146689
Conc: 48.28 ng/ml



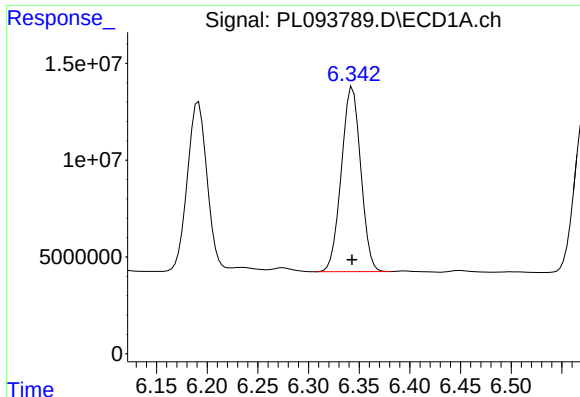
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 117346781
Conc: 48.20 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 202821976
Conc: 50.59 ng/ml



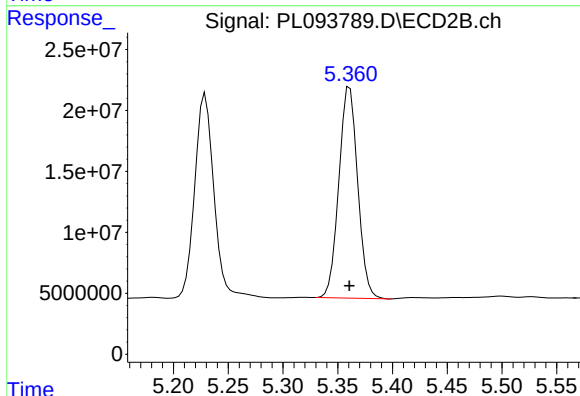
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 126991017
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

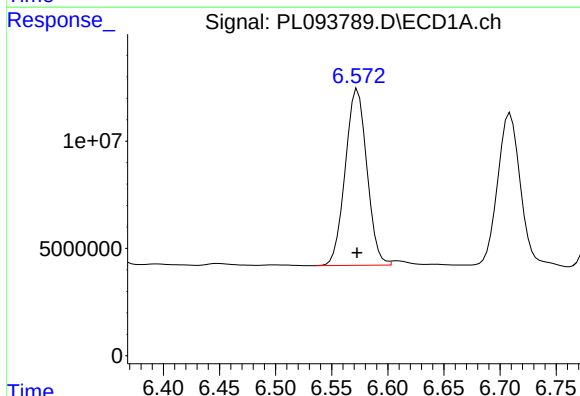
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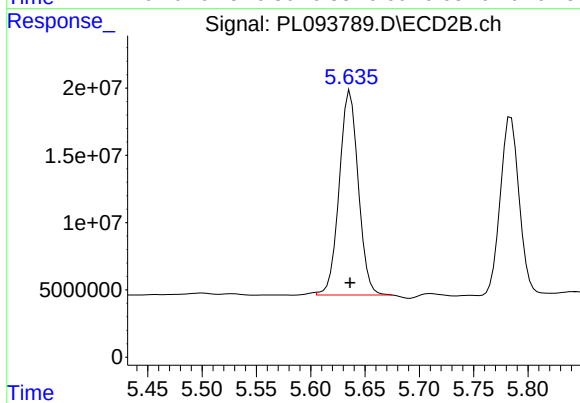
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 207353173
Conc: 48.27 ng/ml



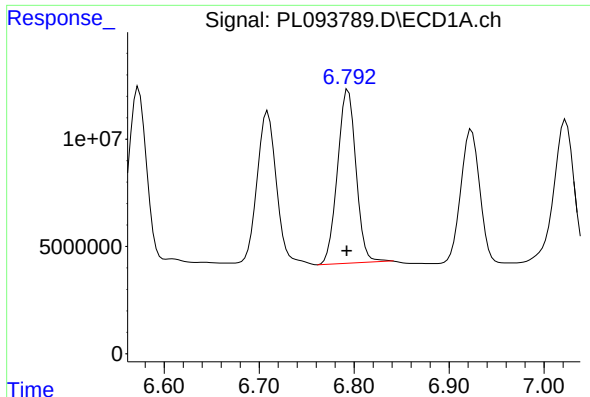
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 110400783
Conc: 47.08 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 185258161
Conc: 50.17 ng/ml m



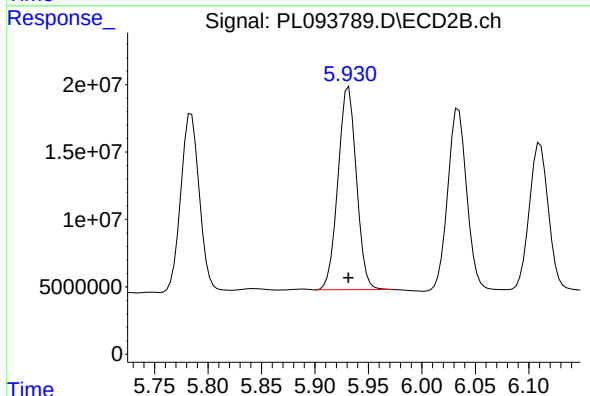
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 109498821
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

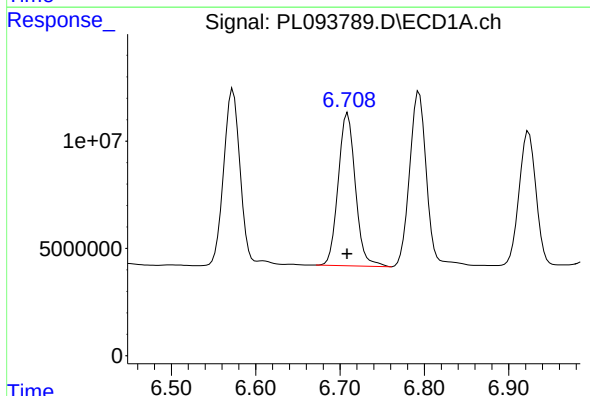
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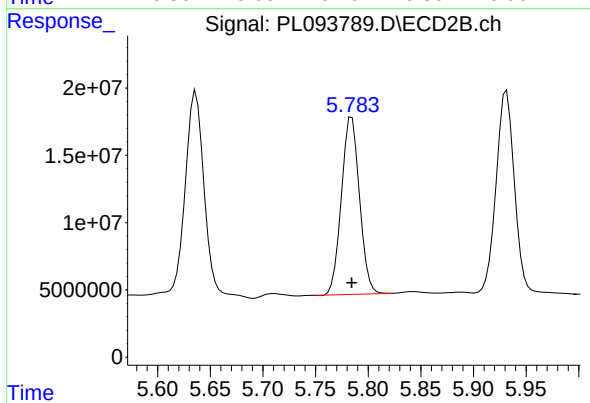
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 180923701
Conc: 48.85 ng/ml



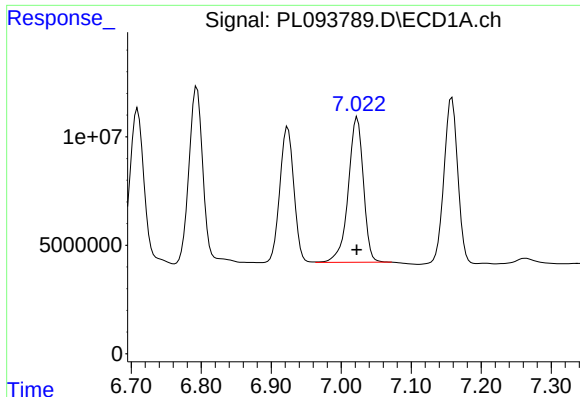
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 100559623
Conc: 52.91 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 158181708
Conc: 50.11 ng/ml



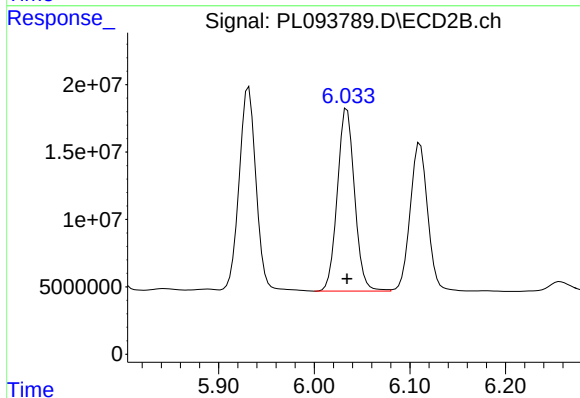
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 100410386
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

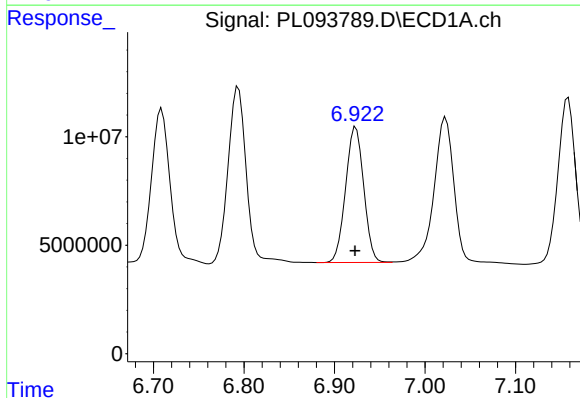
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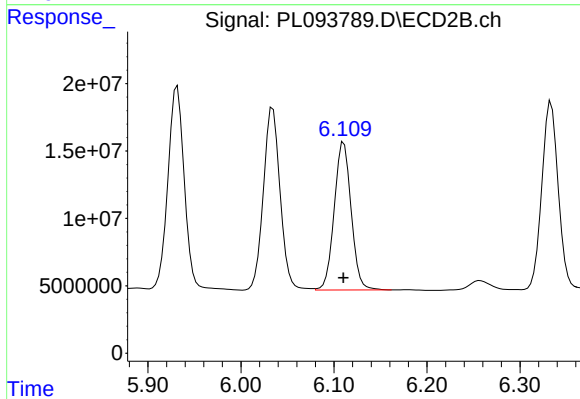
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 169710250
Conc: 52.15 ng/ml



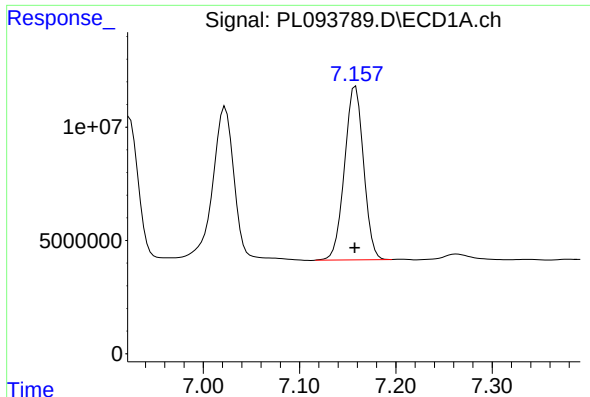
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 86876113
Conc: 44.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 138766676
Conc: 45.58 ng/ml



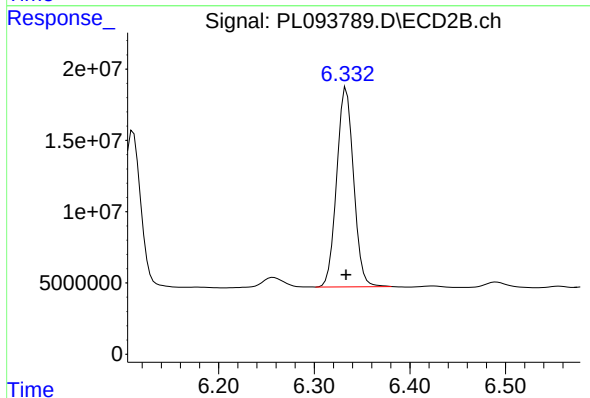
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 104748523
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

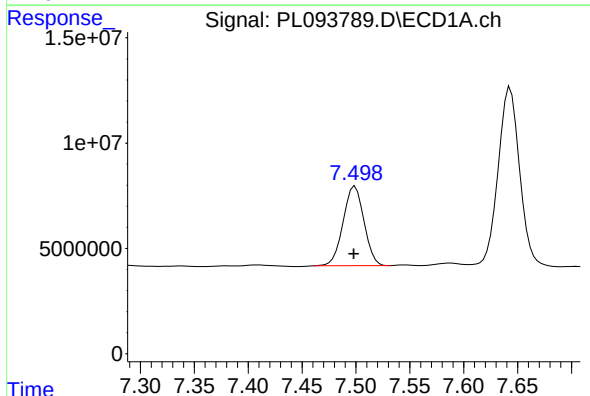
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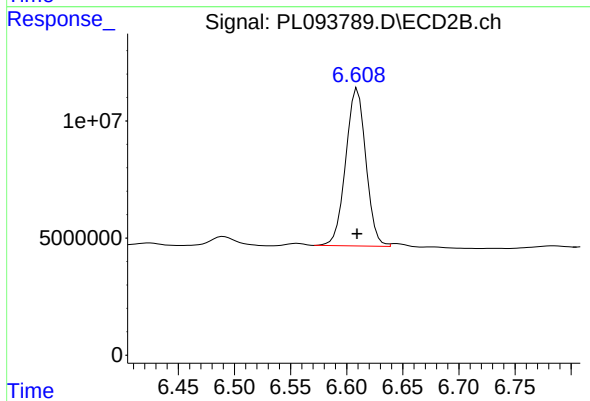
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 171526602
Conc: 48.10 ng/ml



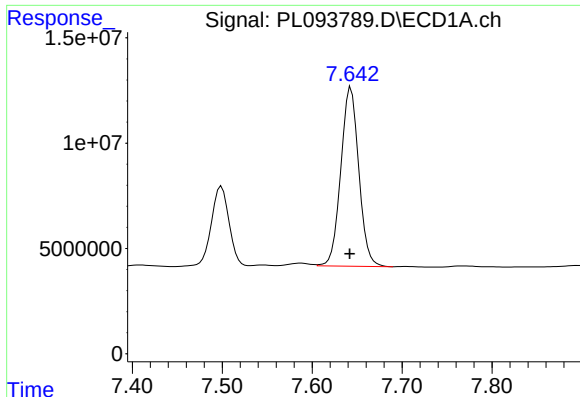
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 50901685
Conc: 48.78 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 84055789
Conc: 47.01 ng/ml



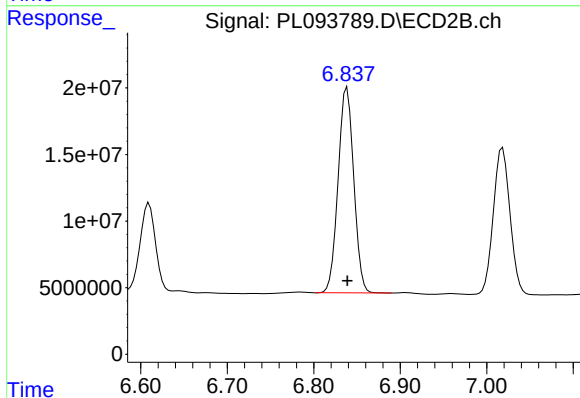
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 117804496
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

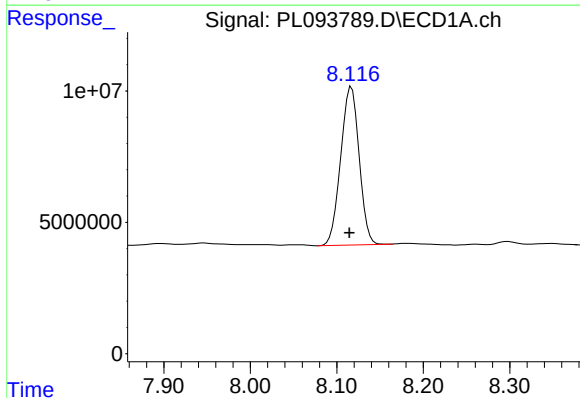
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APPROVED

Reviewed By :Abdul Mirza 01/27/2025
Supervised By :Ankita Jodhani 01/27/2025



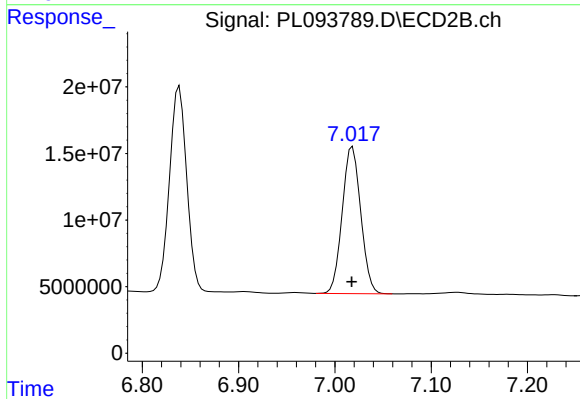
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 192603505
Conc: 45.91 ng/ml



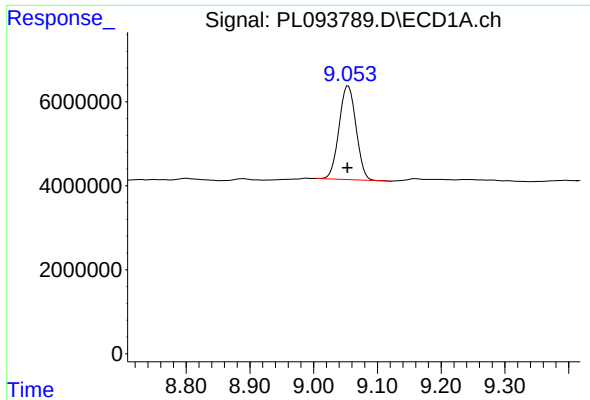
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 88768322
Conc: 42.63 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 146996899
Conc: 43.47 ng/ml



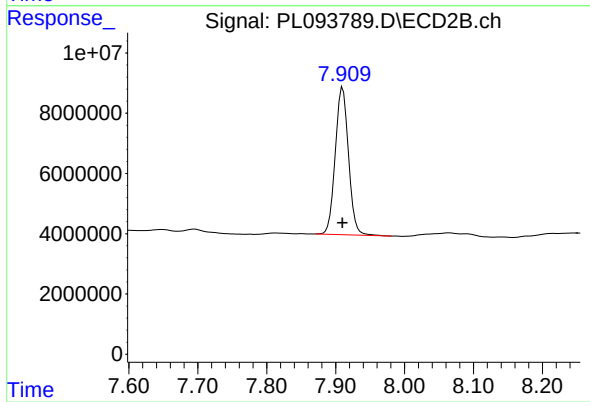
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.002 min
Response: 41423429
Conc: 19.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 65190876
Conc: 18.60 ng/ml