

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 14:11
 Operator : AR\AJ
 Sample : Q1169-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SPILL-SITEMSD

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 22:49:52 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	57622020	67220867	21.399m	20.594
28)	SA Decachlor...	9.055	7.910	39620683	60606120	18.940	17.296
Target Compounds							
2)	A alpha-BHC	3.993	3.276	171.3E6	226.3E6	44.676	46.288
3)	MA gamma-BHC...	4.326	3.606	164.3E6	215.4E6	44.602	45.429
4)	MA Heptachlor	4.913	3.945	149.9E6	214.1E6	45.725m	45.991
5)	MB Aldrin	5.256	4.224	142.4E6	208.4E6	43.535	45.688
6)	B beta-BHC	4.524	3.906	73346933	94194700	45.633	47.158
7)	B delta-BHC	4.772	4.135	158.3E6	214.2E6	45.160	45.083
8)	B Heptachlo...	5.682	4.727	130.6E6	191.7E6	43.911	45.870
9)	A Endosulfan I	6.068	5.096	116.7E6	176.1E6	44.151	45.422
10)	B gamma-Chl...	5.938	4.975	129.4E6	203.7E6	46.406	48.063m
11)	B alpha-Chl...	6.017	5.040	126.6E6	197.6E6	45.398	47.210
12)	B 4,4'-DDE	6.191	5.229	115.7E6	197.5E6	47.529	49.253
13)	MA Dieldrin	6.343	5.360	123.5E6	201.0E6	44.508	46.797
14)	MA Endrin	6.573	5.635	109.1E6	176.3E6	46.537	47.736m
15)	B Endosulfa...	6.793	5.931	107.6E6	170.0E6	44.661	45.908
16)	A 4,4'-DDD	6.709	5.784	99561499	153.0E6	52.385	48.472
17)	MA 4,4'-DDT	7.023	6.034	96888201	158.7E6	49.131	48.758
18)	B Endrin al...	6.923	6.110	84822029	130.6E6	43.631	42.904
19)	B Endosulfa...	7.157	6.333	102.2E6	161.2E6	45.157	45.204
20)	A Methoxychlor	7.499	6.609	49823378	77745495	47.751	43.478
21)	B Endrin ke...	7.642	6.838	115.7E6	178.1E6	45.851	42.450
22)	Mirex	8.115	7.018	86187875	137.7E6	41.387	40.725

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
Data File : PL093791.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 14:11
Operator : AR\AJ
Sample : Q1169-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

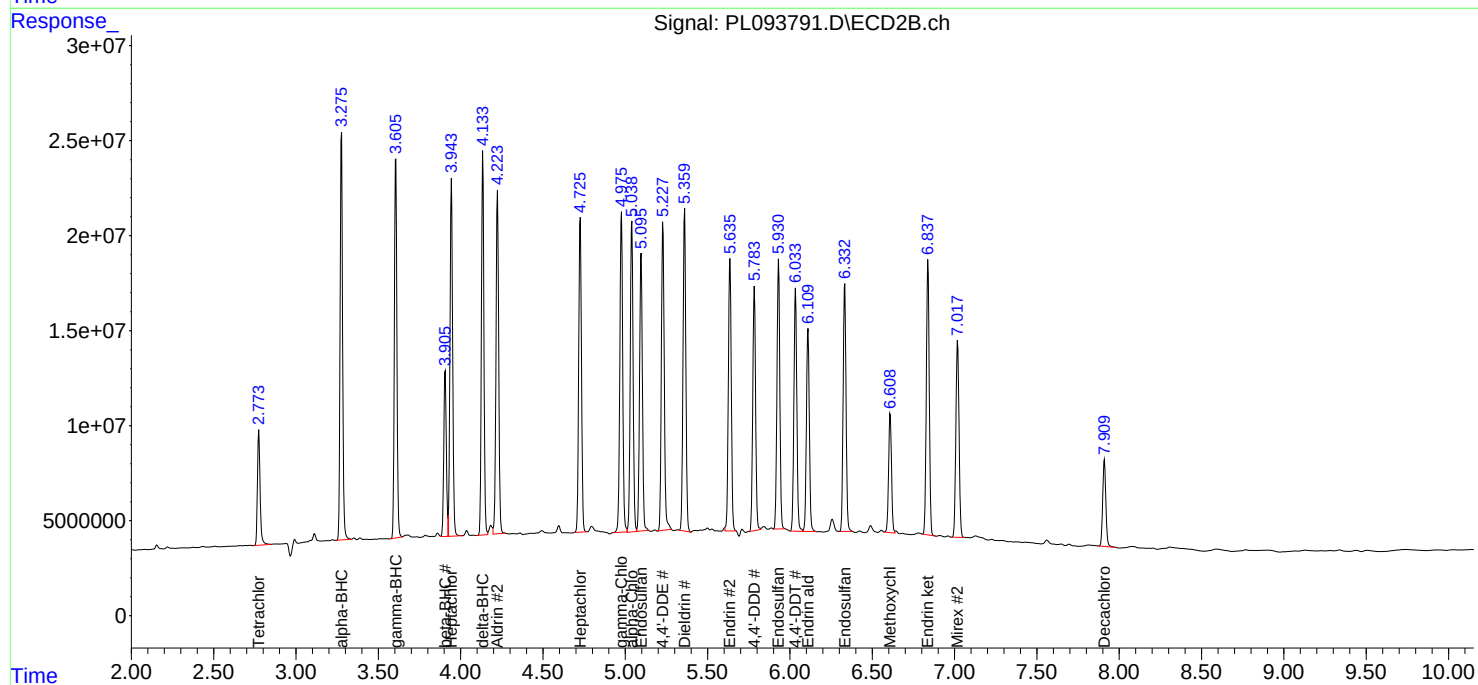
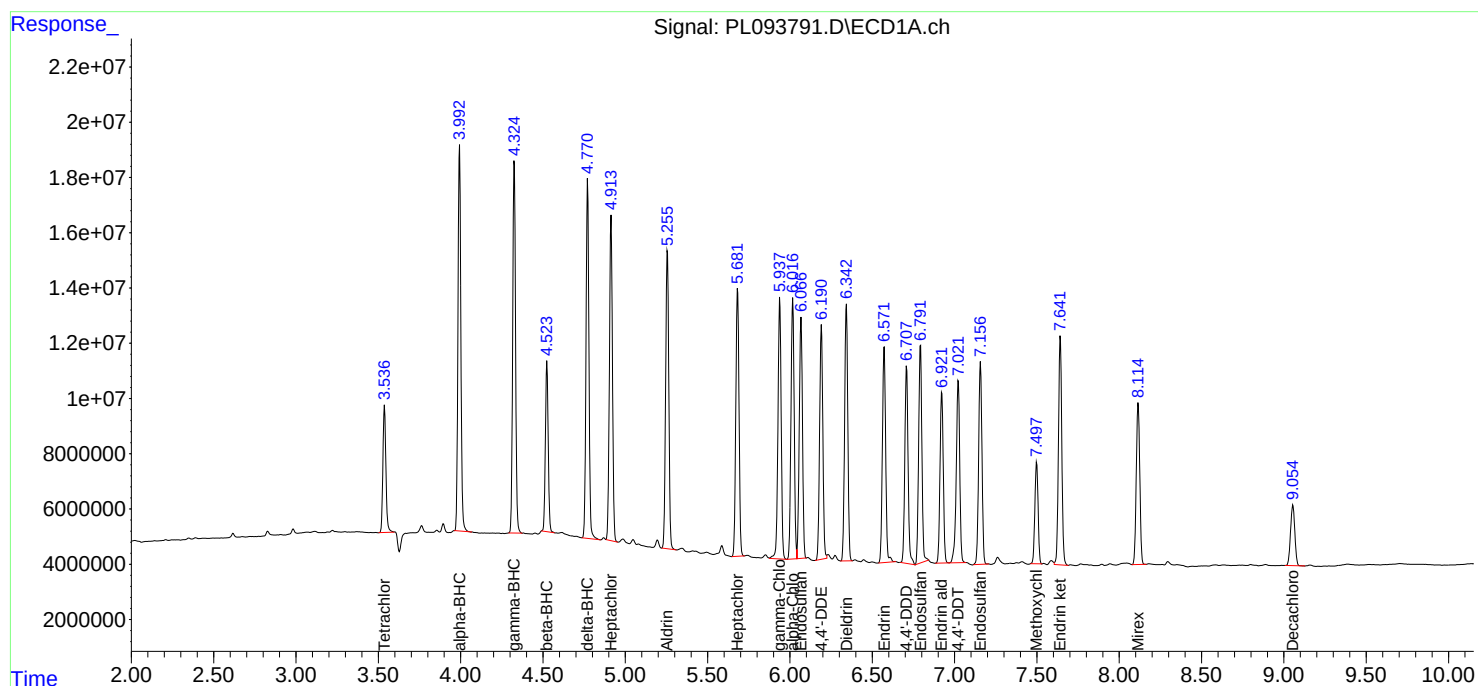
Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

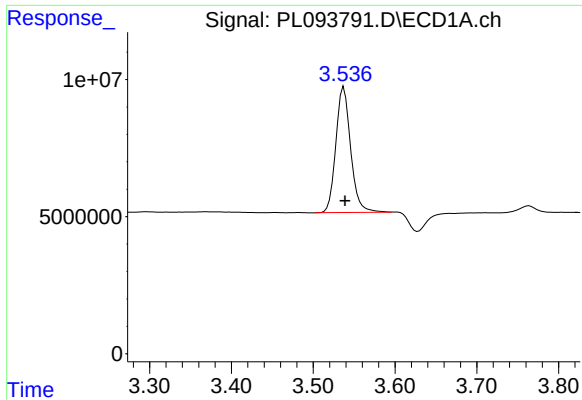
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:49:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





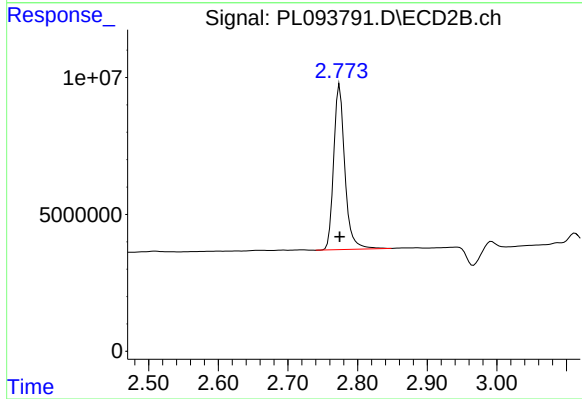
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 57622020
Conc: 21.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

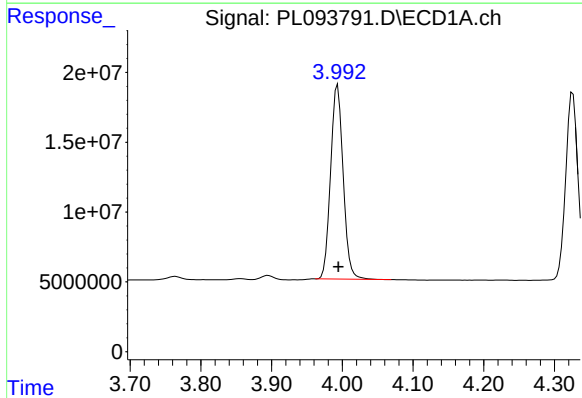
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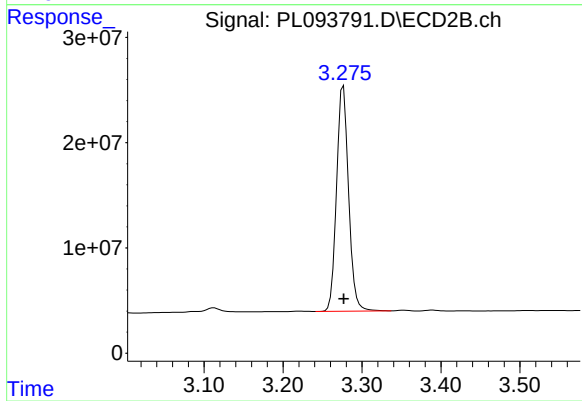
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 67220867
Conc: 20.59 ng/ml



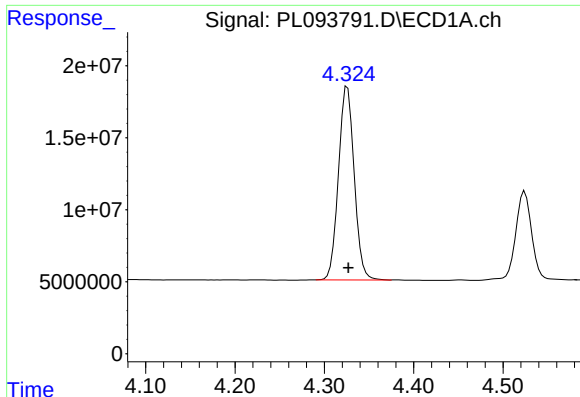
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 171281838
Conc: 44.68 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 226299998
Conc: 46.29 ng/ml



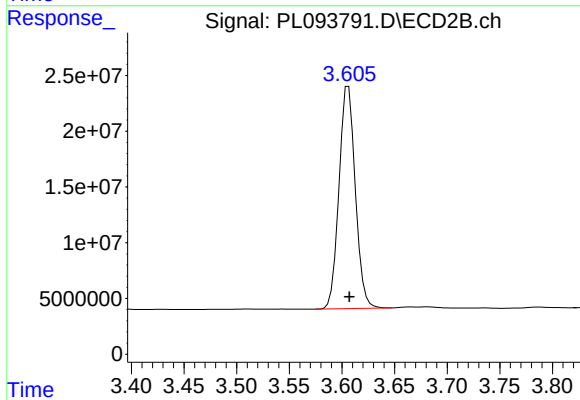
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 164263180
Conc: 44.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

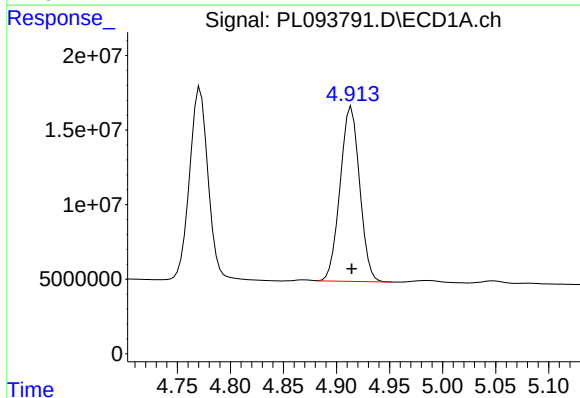
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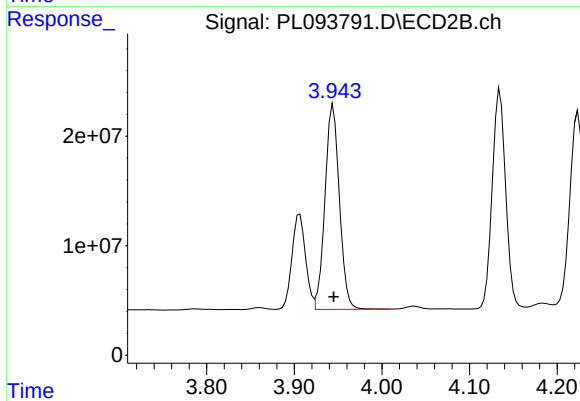
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 215390379
Conc: 45.43 ng/ml



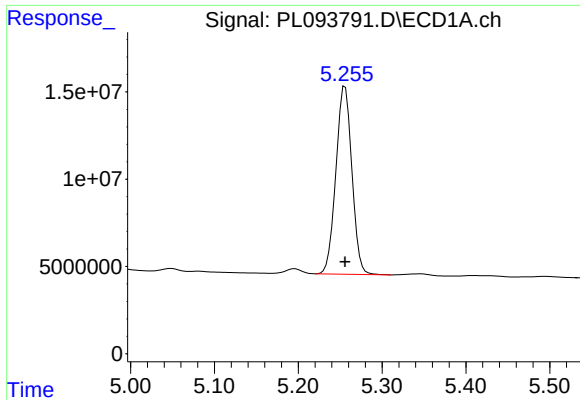
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 149857259
Conc: 45.73 ng/ml m



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 214080159
Conc: 45.99 ng/ml



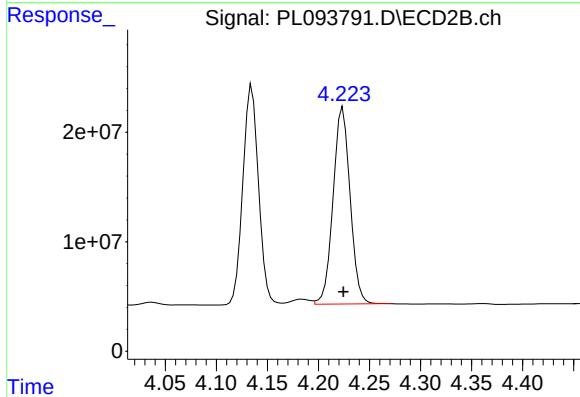
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 142443614
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

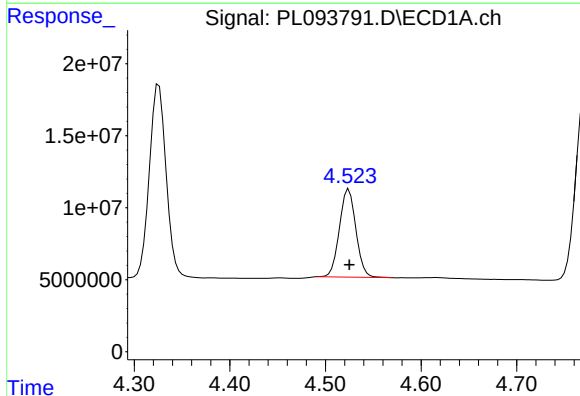
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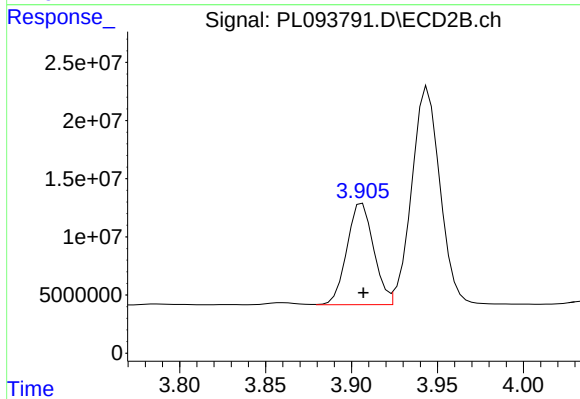
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 208421348
Conc: 45.69 ng/ml



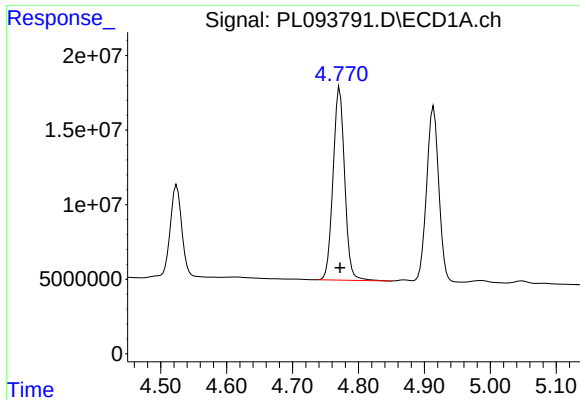
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 73346933
Conc: 45.63 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 94194700
Conc: 47.16 ng/ml



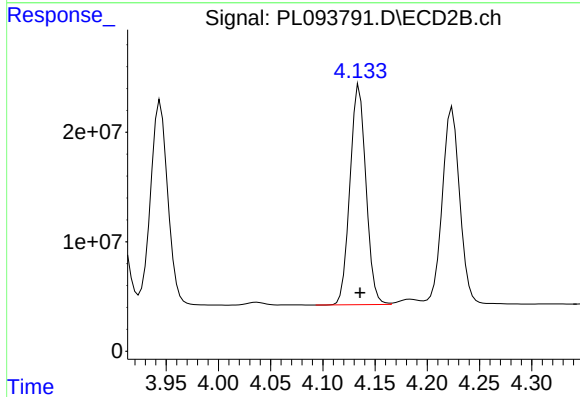
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 158298076
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

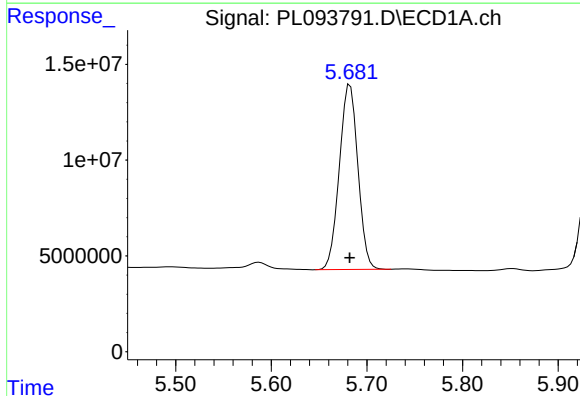
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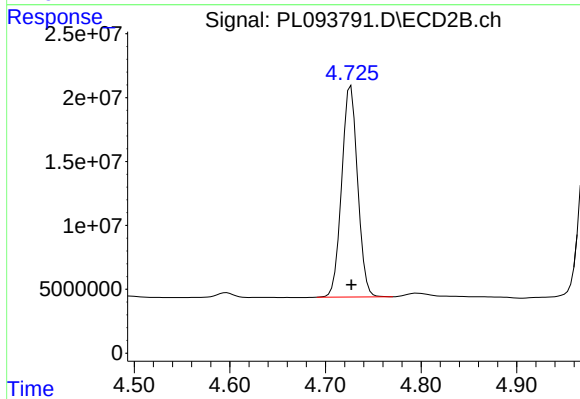
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 214199620
Conc: 45.08 ng/ml



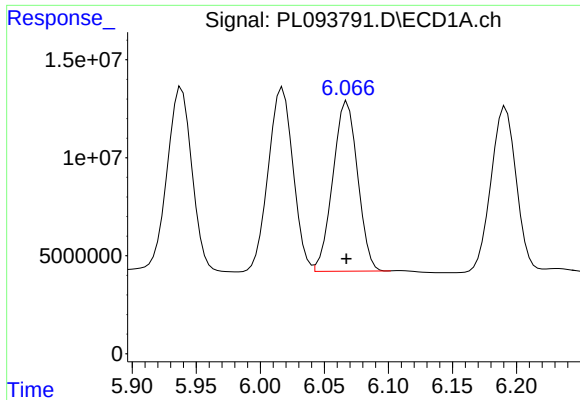
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 130584681
Conc: 43.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 191747668
Conc: 45.87 ng/ml



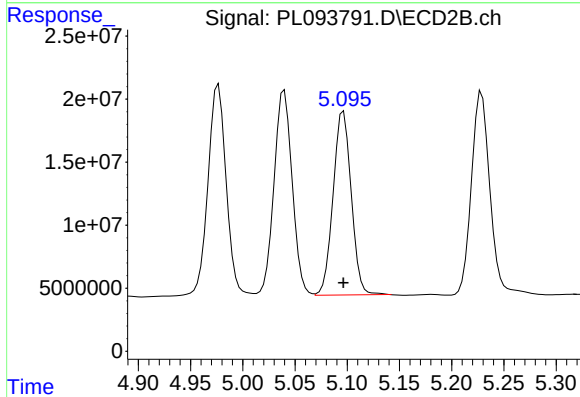
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 116685650
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

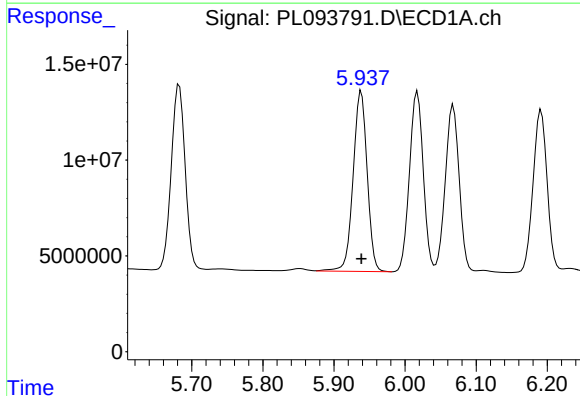
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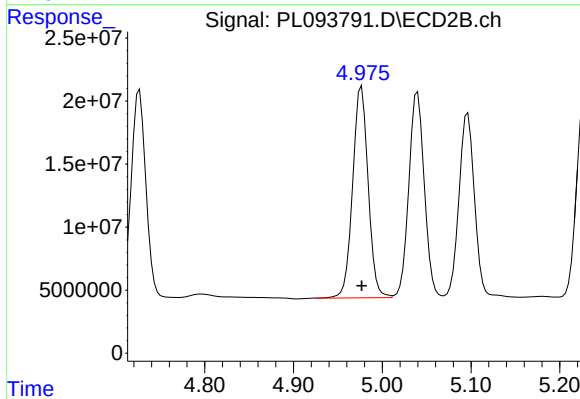
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 176098924
Conc: 45.42 ng/ml



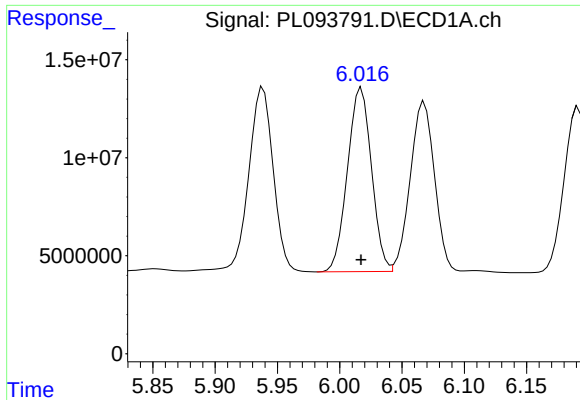
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 129350477
Conc: 46.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 203671325
Conc: 48.06 ng/ml m



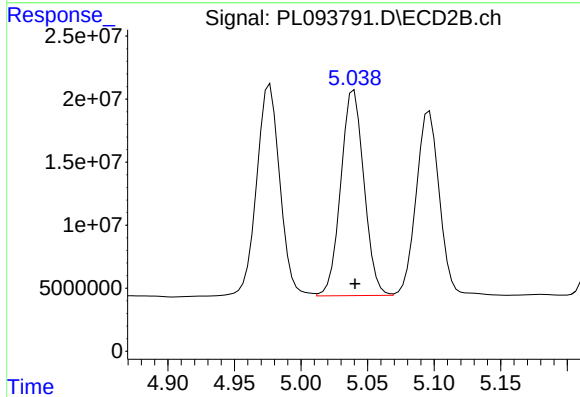
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 126587173
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

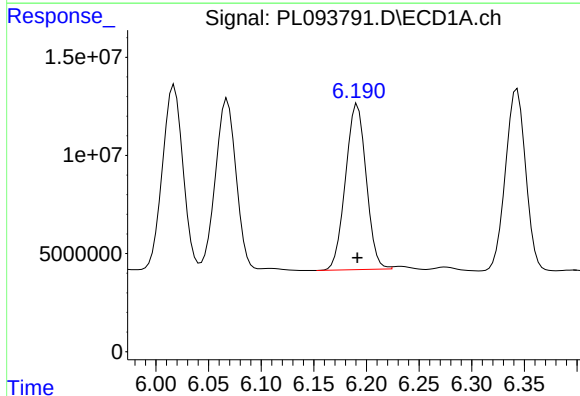
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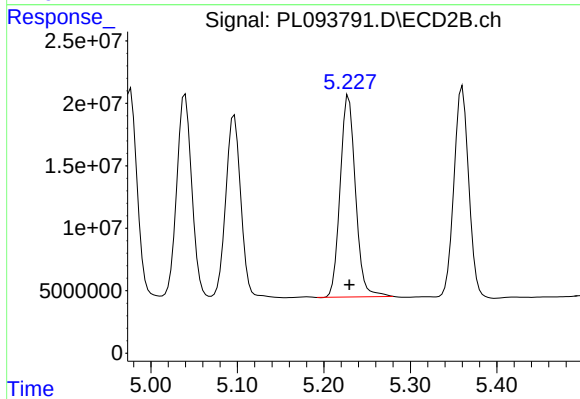
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 197649554
Conc: 47.21 ng/ml



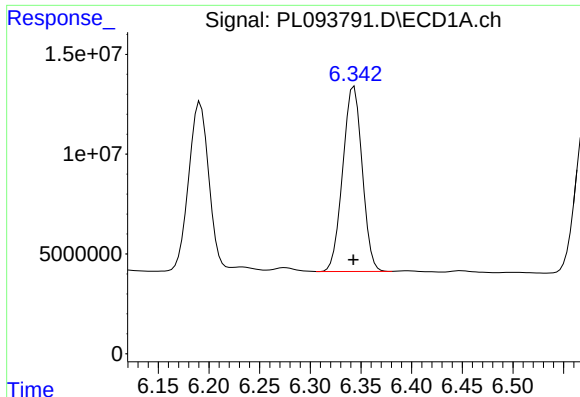
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 115714632
Conc: 47.53 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 197480242
Conc: 49.25 ng/ml



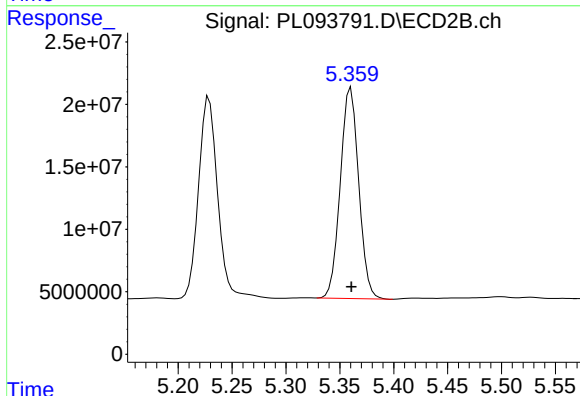
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 123548794
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

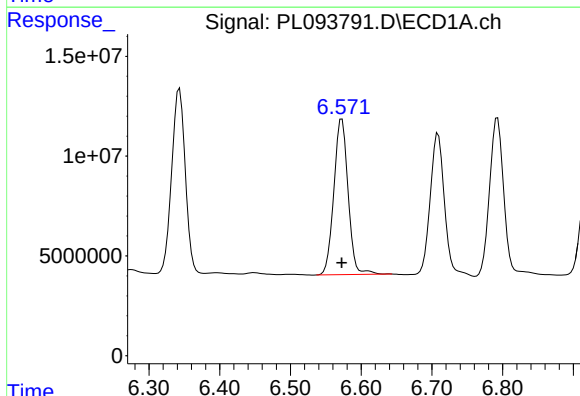
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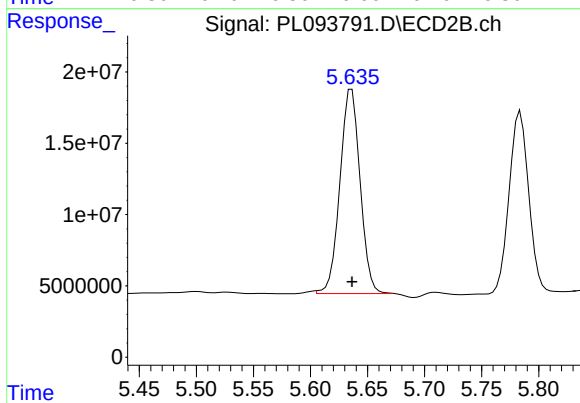
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 201024829
Conc: 46.80 ng/ml



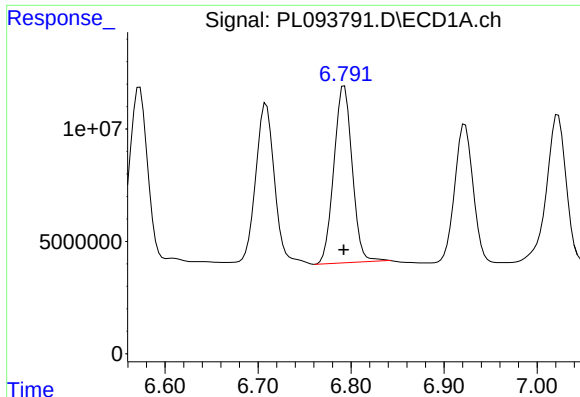
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 109121040
Conc: 46.54 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 176274124
Conc: 47.74 ng/ml m



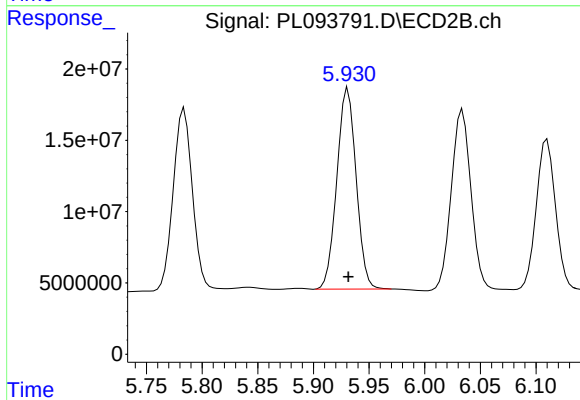
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 107604838
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

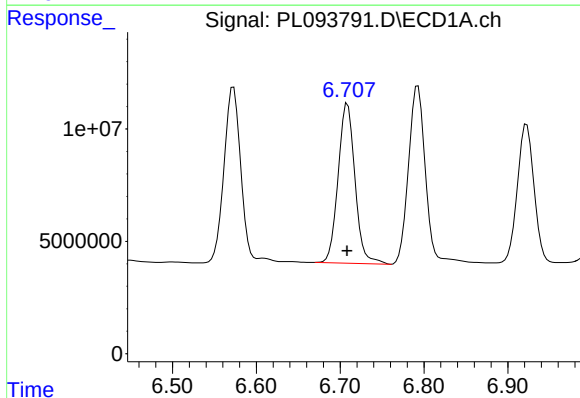
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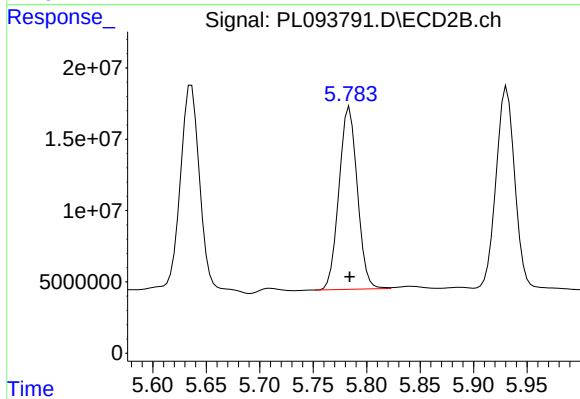
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 170036435
Conc: 45.91 ng/ml



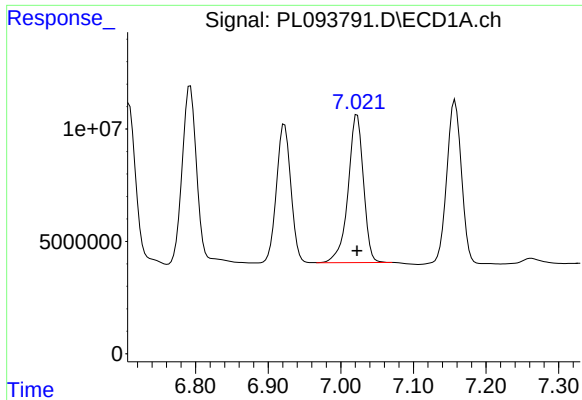
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 99561499
Conc: 52.39 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 153002215
Conc: 48.47 ng/ml



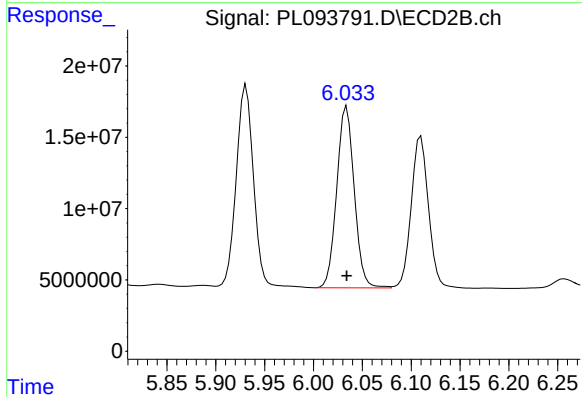
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 96888201
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

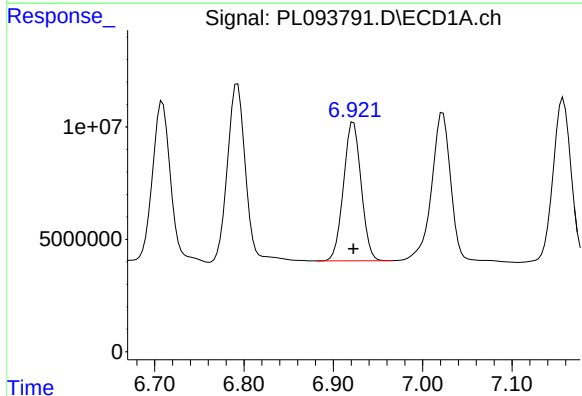
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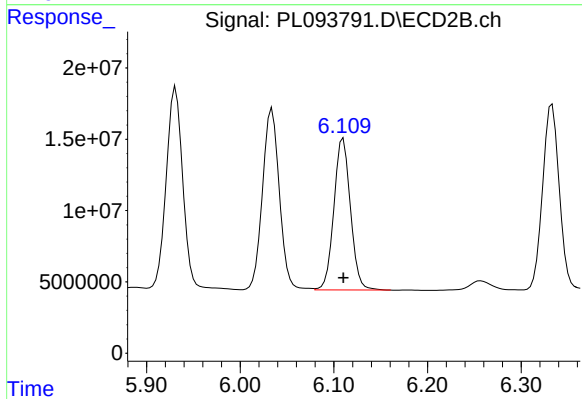
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 158661380
Conc: 48.76 ng/ml



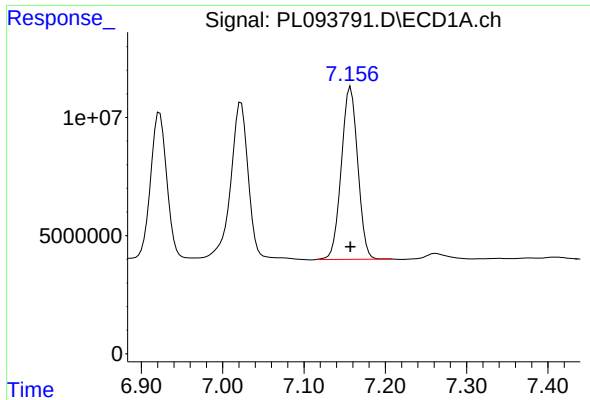
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 84822029
Conc: 43.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 130628261
Conc: 42.90 ng/ml



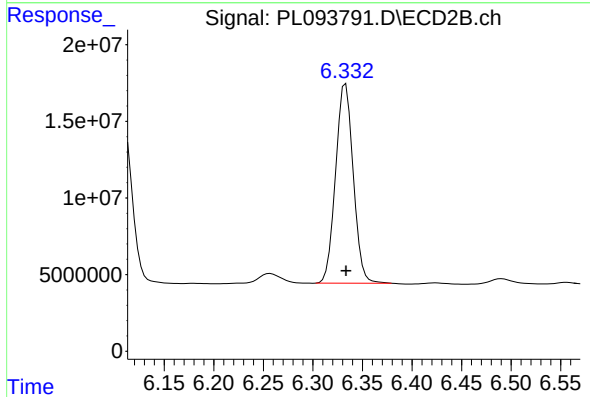
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 102223749
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

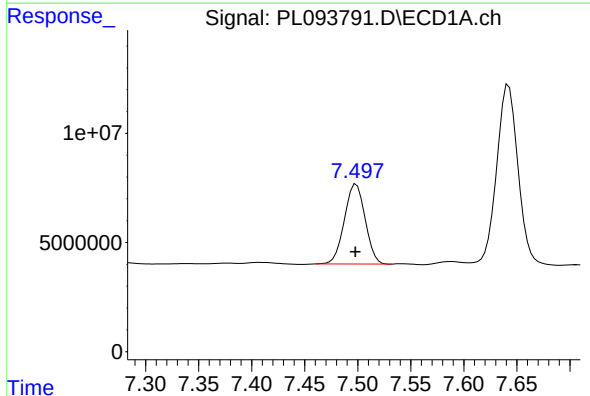
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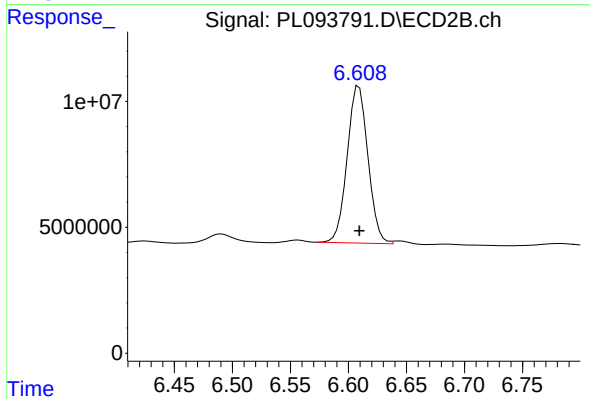
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 161199394
Conc: 45.20 ng/ml



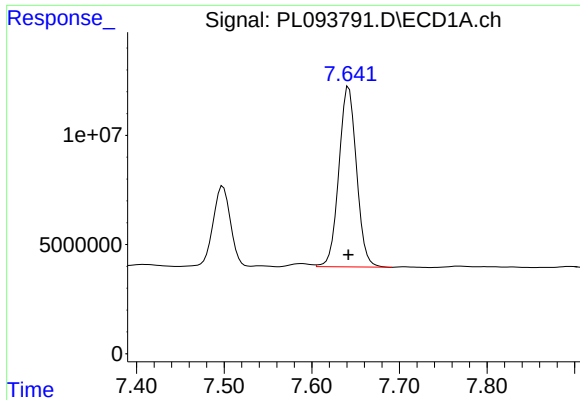
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 49823378
Conc: 47.75 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 77745495
Conc: 43.48 ng/ml



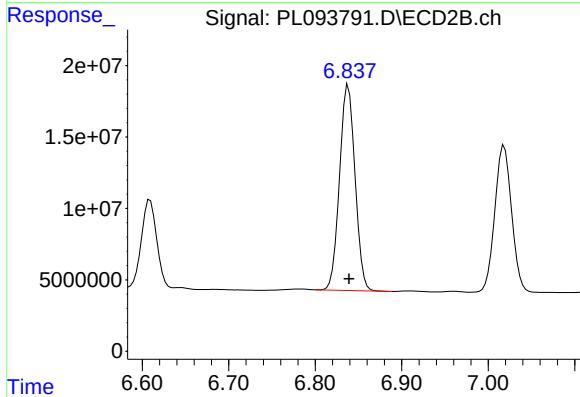
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 115665349
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

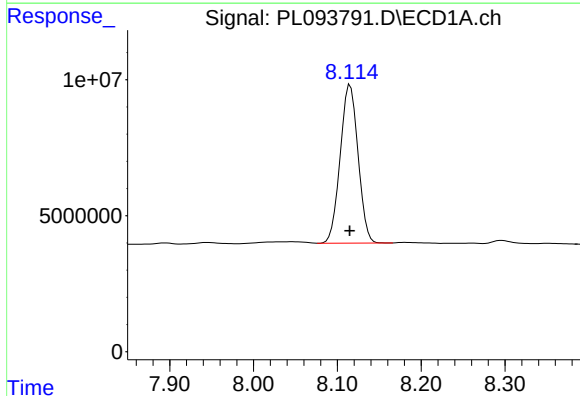
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APPROVED

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



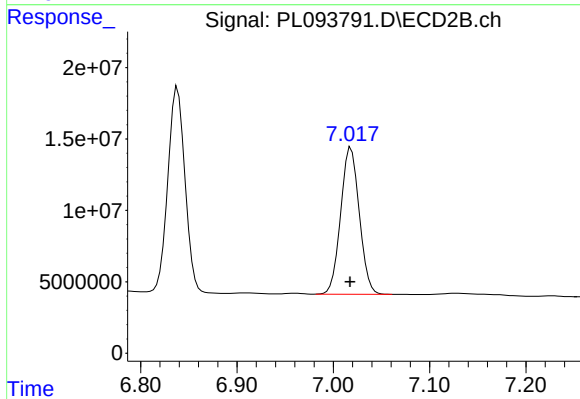
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 178089750
Conc: 42.45 ng/ml



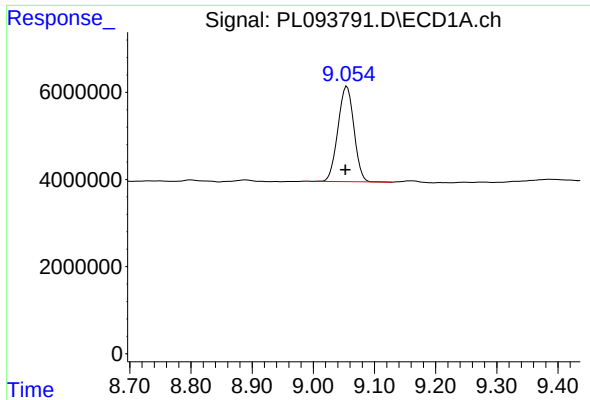
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 86187875
Conc: 41.39 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 137726586
Conc: 40.72 ng/ml



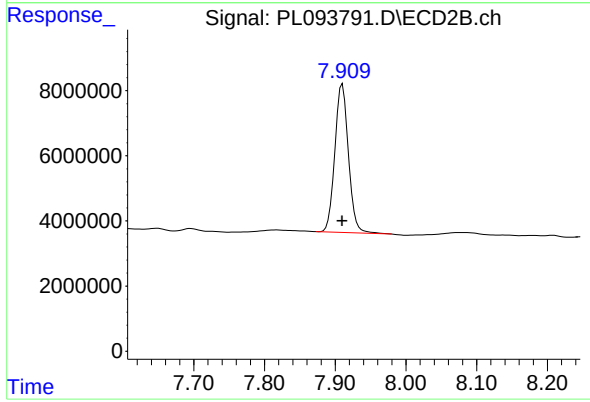
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 39620683
Conc: 18.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SPILL-SITEMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 60606120
Conc: 17.30 ng/ml