

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
 Data File : PL094393.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2025 14:44
 Operator : AR\AJ
 Sample : Q1421-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-CLAY-CF01-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:10:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.537	2.772	51986172	62219078	20.474	19.497
28)	SA Decachlor...	9.054	7.906	41339112	58515932	19.433	15.216
Target Compounds							
2)	A alpha-BHC	3.993	3.274	189.9E6	248.0E6	50.200	50.456
3)	MA gamma-BHC...	4.326	3.604	178.9E6	231.8E6	48.421	49.221
4)	MA Heptachlor	4.914	3.942	169.6E6	249.2E6	50.012	52.785
5)	MB Aldrin	5.255	4.221	160.9E6	224.5E6	46.872	48.595
6)	B beta-BHC	4.525	3.903	80190857	103.1E6	50.217	51.824m
7)	B delta-BHC	4.771	4.132	178.5E6	231.7E6	50.461	48.934
8)	B Heptachlo...	5.682	4.724	143.1E6	211.9E6	47.488	49.795
9)	A Endosulfan I	6.068	5.093	131.8E6	201.9E6	47.945	50.655
10)	B gamma-Chl...	5.938	4.974	142.2E6	221.1E6	48.446	50.964
11)	B alpha-Chl...	6.017	5.037	141.8E6	218.4E6	48.949	50.584
12)	B 4,4'-DDE	6.191	5.226	132.7E6	214.1E6	50.819	50.979
13)	MA Dieldrin	6.343	5.358	137.9E6	218.7E6	48.411	49.914
14)	MA Endrin	6.572	5.633	112.6E6	190.3E6	44.126m	55.889 #
15)	B Endosulfa...	6.793	5.928	114.7E6	193.7E6	45.567	51.808
16)	A 4,4'-DDD	6.709	5.781	103.7E6	179.7E6	56.073	56.415
17)	MA 4,4'-DDT	7.022	6.031	101.0E6	174.3E6	48.106	49.000
18)	B Endrin al...	6.923	6.107	90595668	146.9E6	46.536	46.466
19)	B Endosulfa...	7.158	6.330	108.9E6	180.7E6	48.107	48.934
20)	A Methoxychlor	7.499	6.606	53080735	86075060	47.776	44.118
21)	B Endrin ke...	7.643	6.835	119.8E6	205.9E6	47.789	48.254
22)	Mirex	8.116	7.015	88873245	147.9E6	43.073	42.406

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
Data File : PL094393.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2025 14:44
Operator : AR\AJ
Sample : Q1421-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

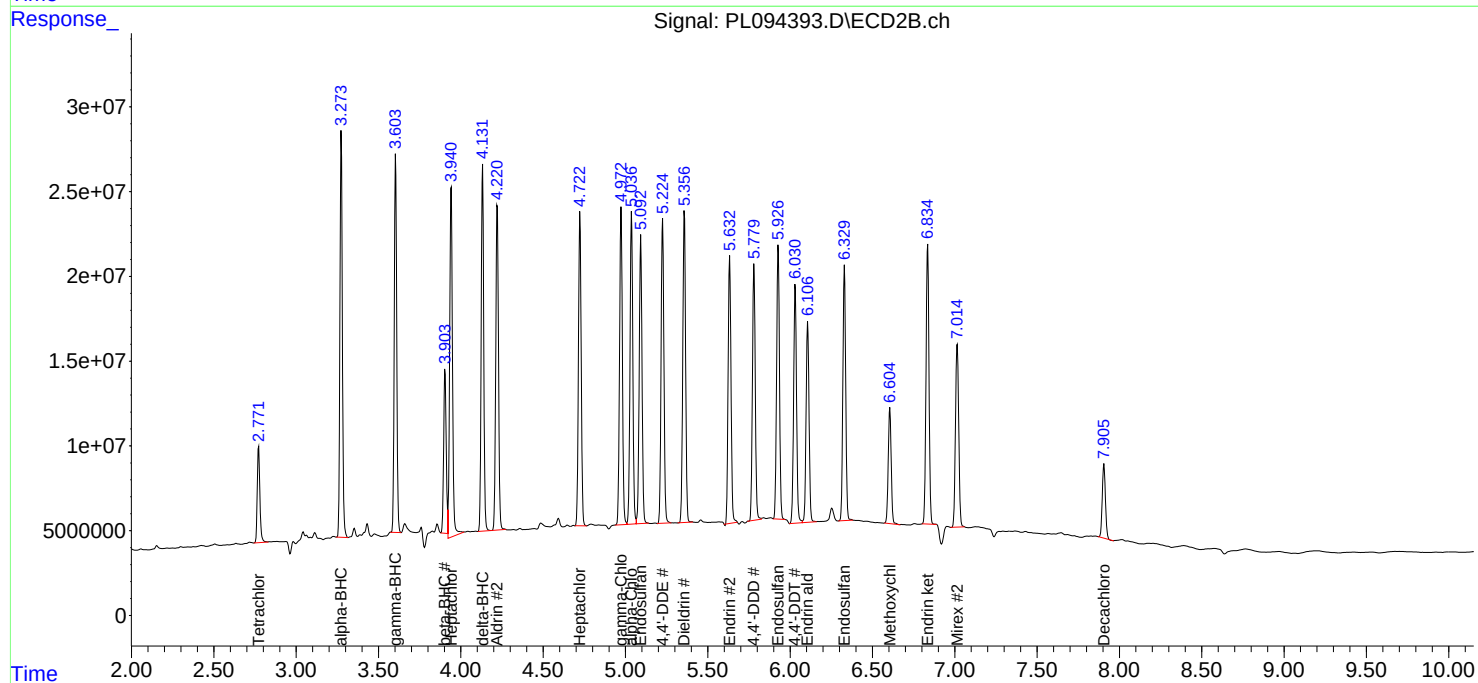
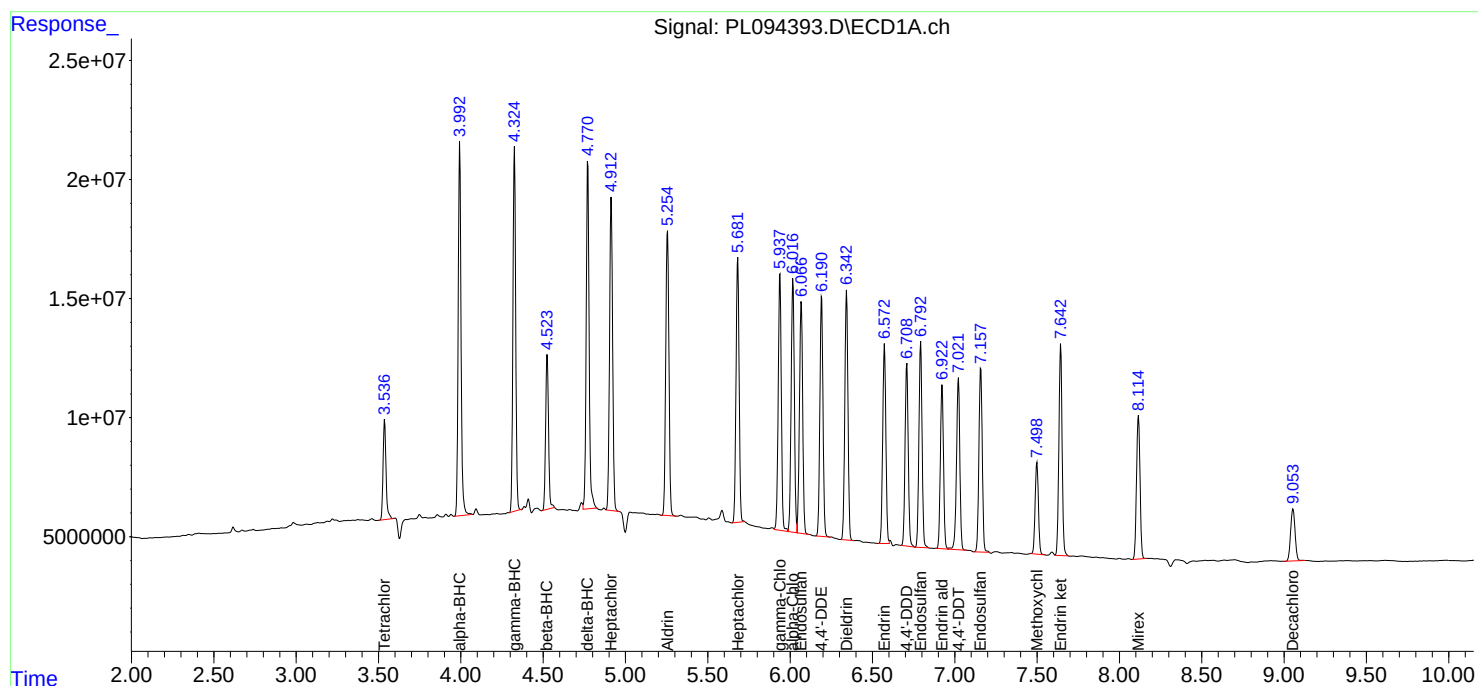
Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

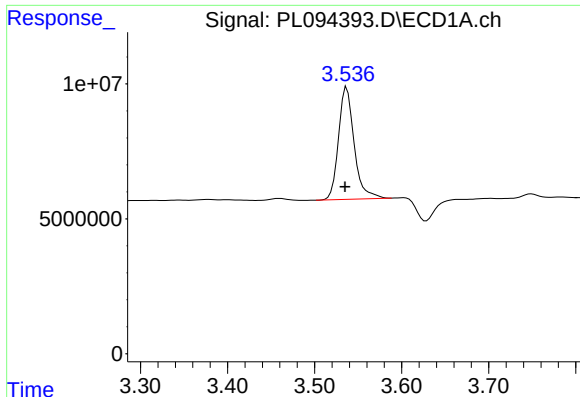
Manual Integrations
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Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 00:10:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





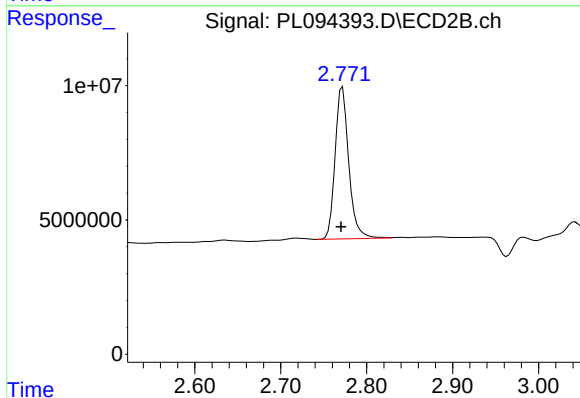
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 51986172
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

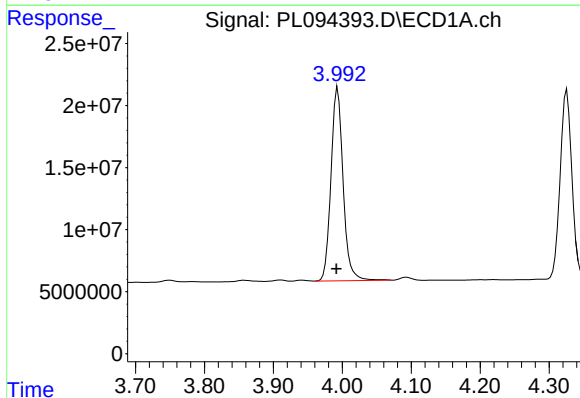
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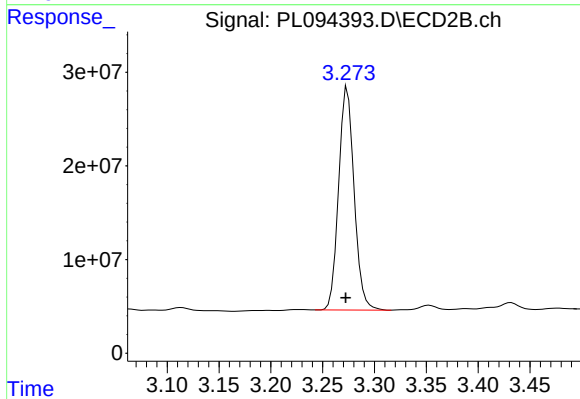
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 62219078
Conc: 19.50 ng/ml



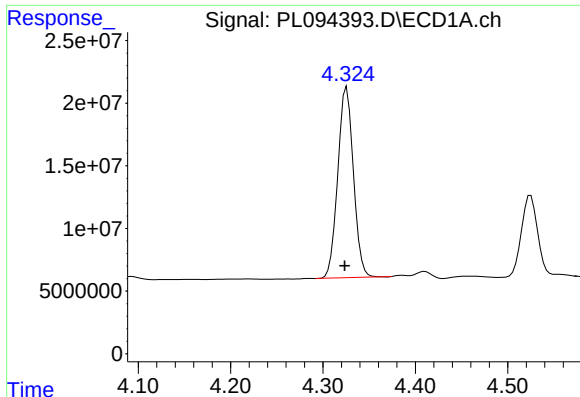
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 189890396
Conc: 50.20 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 247980585
Conc: 50.46 ng/ml



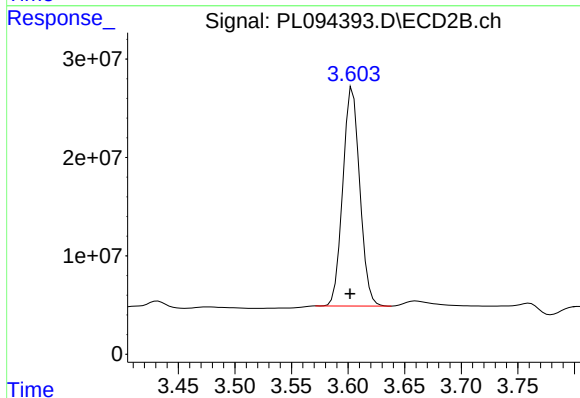
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 178901210
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

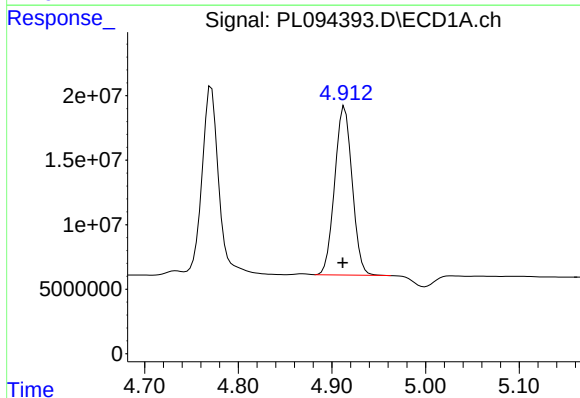
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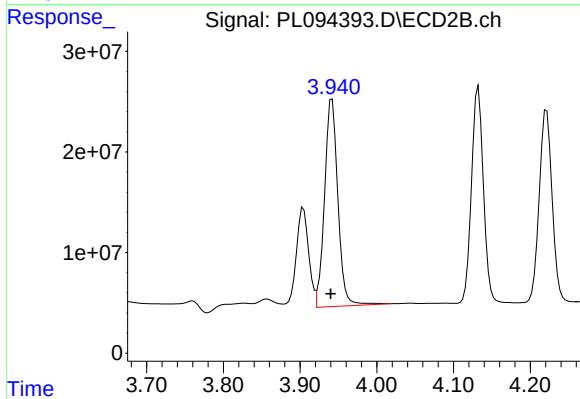
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 231828470
Conc: 49.22 ng/ml



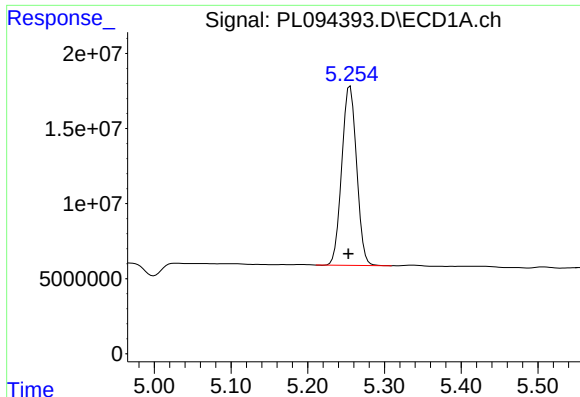
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 169556896
Conc: 50.01 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 249159863
Conc: 52.78 ng/ml



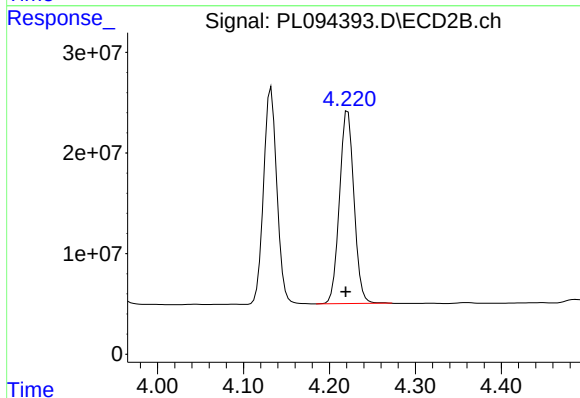
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 160854029
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

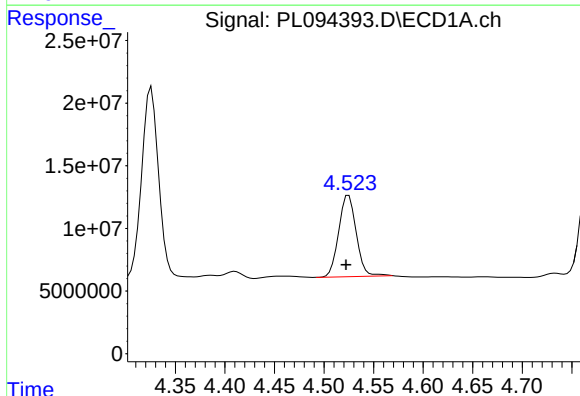
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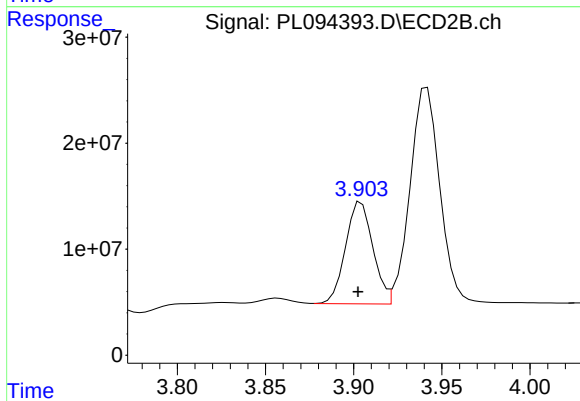
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 224525476
Conc: 48.59 ng/ml



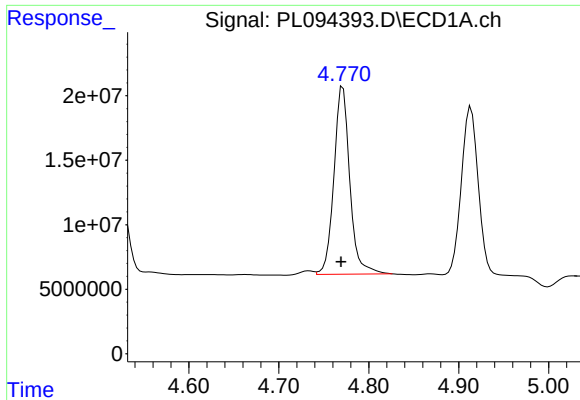
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 80190857
Conc: 50.22 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 103074686
Conc: 51.82 ng/ml m



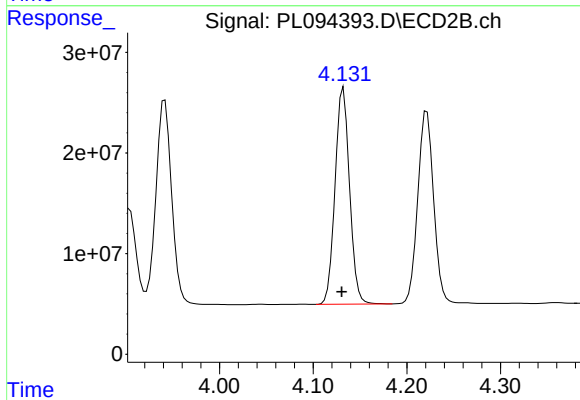
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 178545692
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

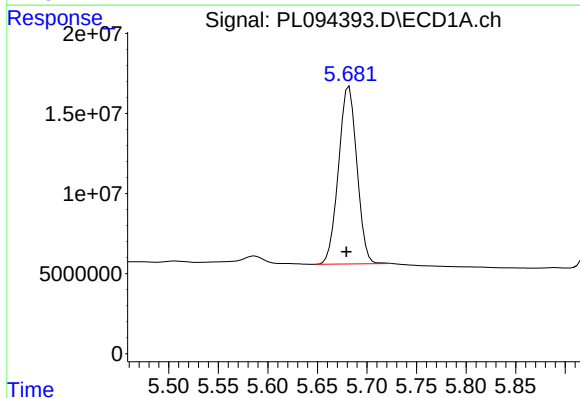
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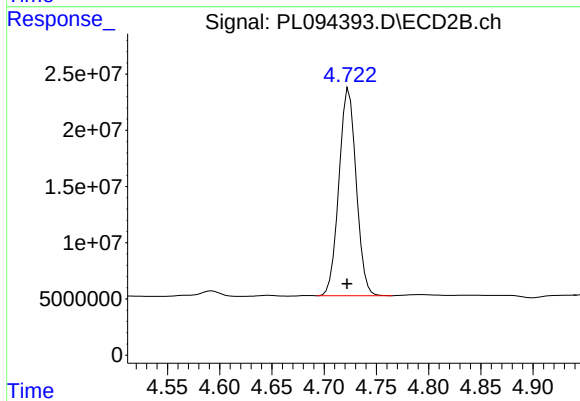
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 231738489
Conc: 48.93 ng/ml



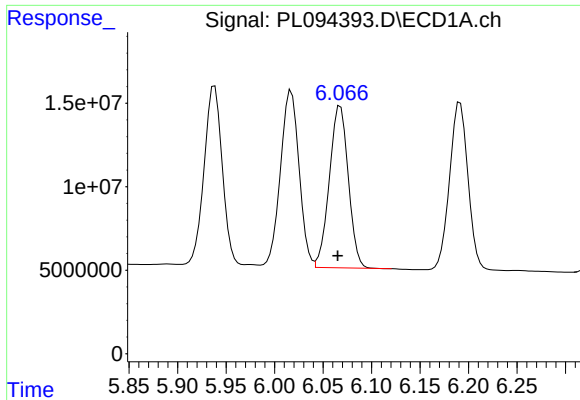
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 143098856
Conc: 47.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 211894683
Conc: 49.79 ng/ml



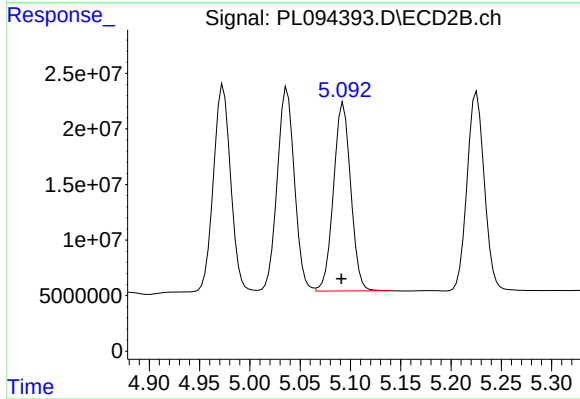
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 131781950
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

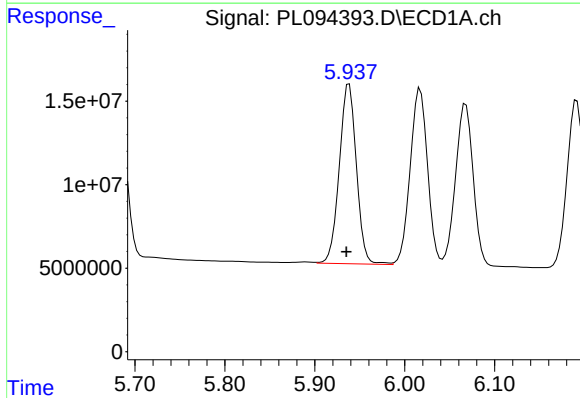
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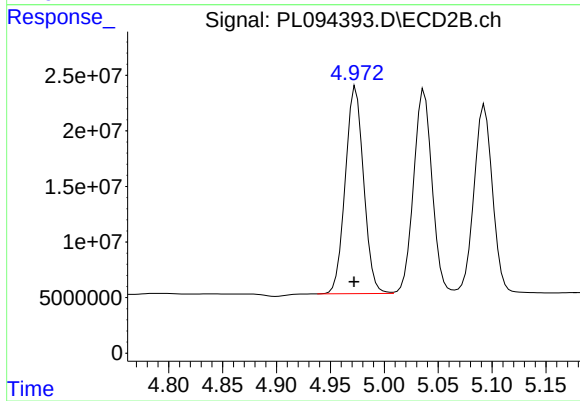
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 201940879
Conc: 50.66 ng/ml



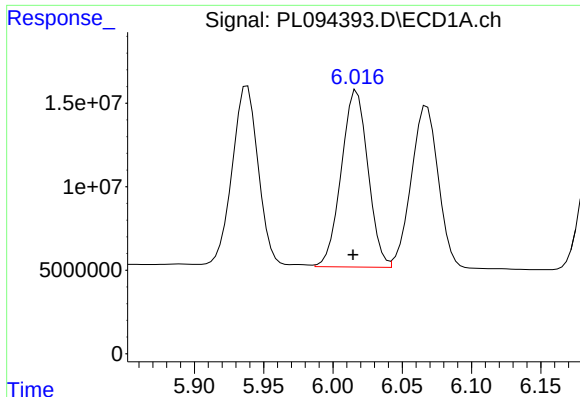
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 142244625
Conc: 48.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 221124665
Conc: 50.96 ng/ml



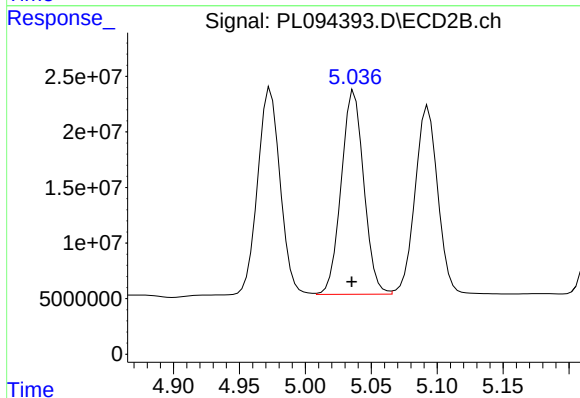
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 141810239
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

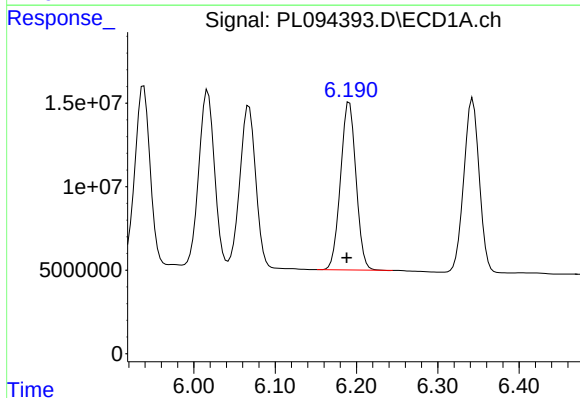
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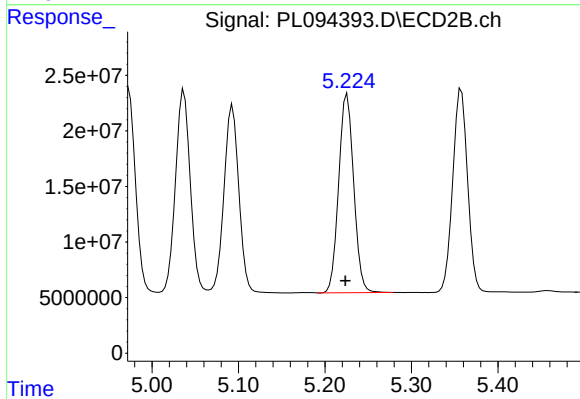
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 218399912
Conc: 50.58 ng/ml



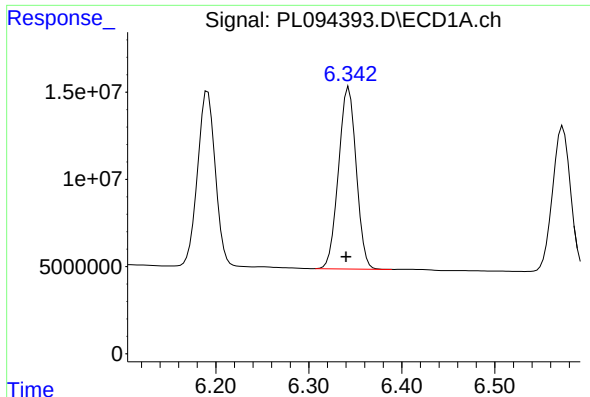
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 132723941
Conc: 50.82 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 214110677
Conc: 50.98 ng/ml



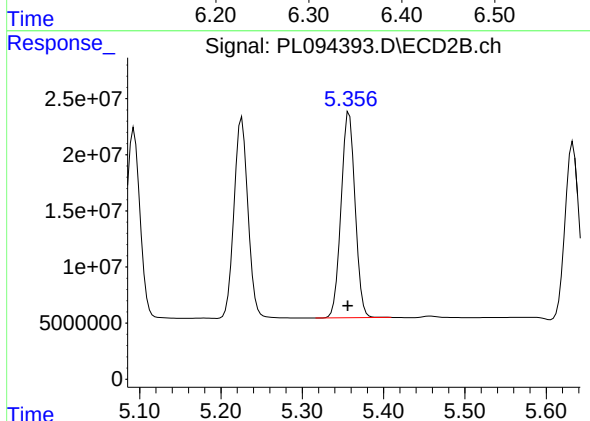
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 137925127
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

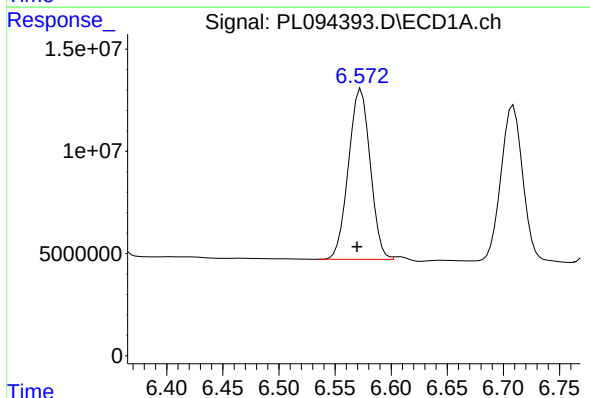
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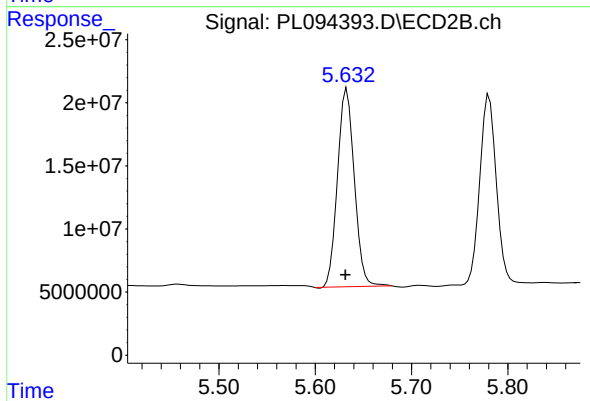
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 218711118
Conc: 49.91 ng/ml



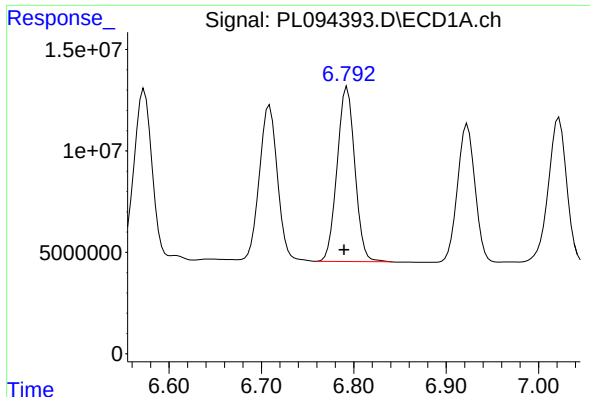
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 112621789
Conc: 44.13 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 190286394
Conc: 55.89 ng/ml



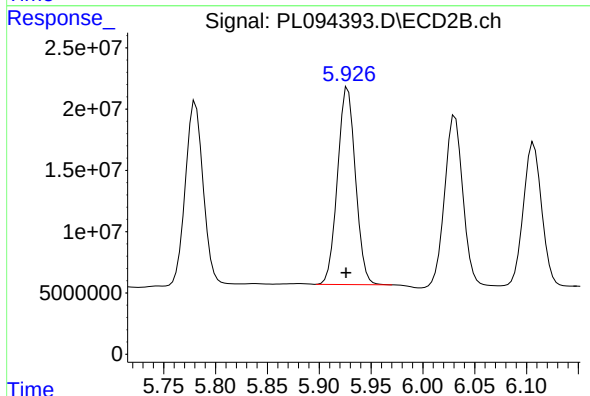
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 114704501
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

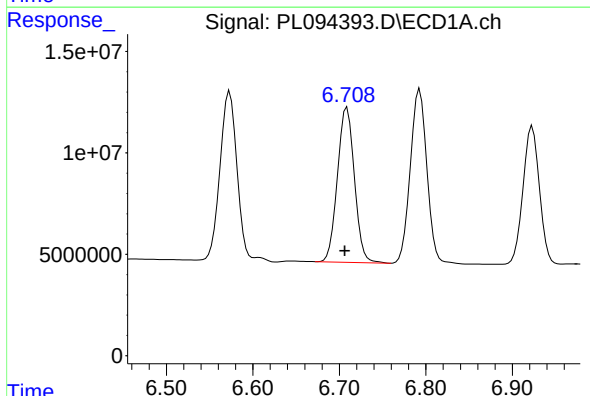
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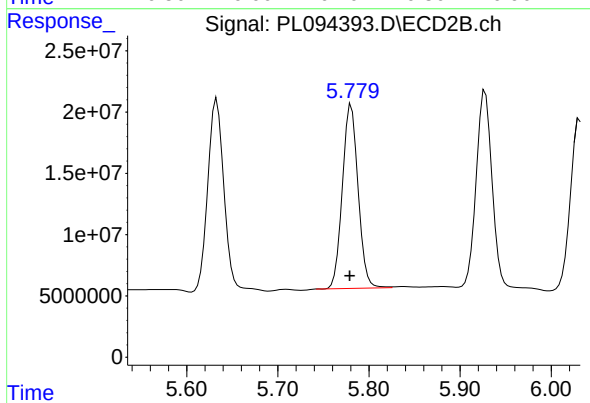
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.001 min
Response: 193738489
Conc: 51.81 ng/ml



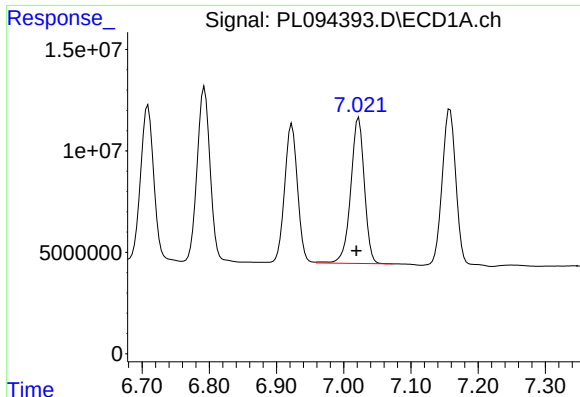
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 103721267
Conc: 56.07 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 179698259
Conc: 56.41 ng/ml



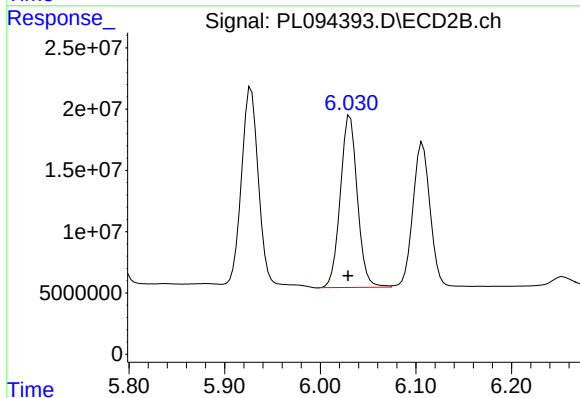
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 101023255
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

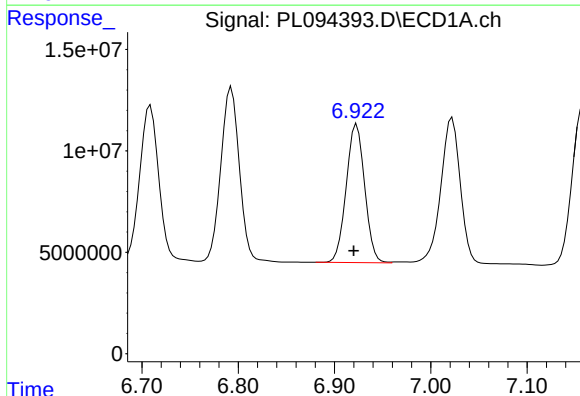
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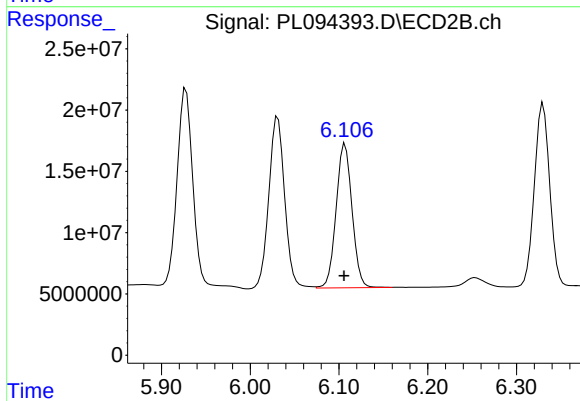
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 174292221
Conc: 49.00 ng/ml



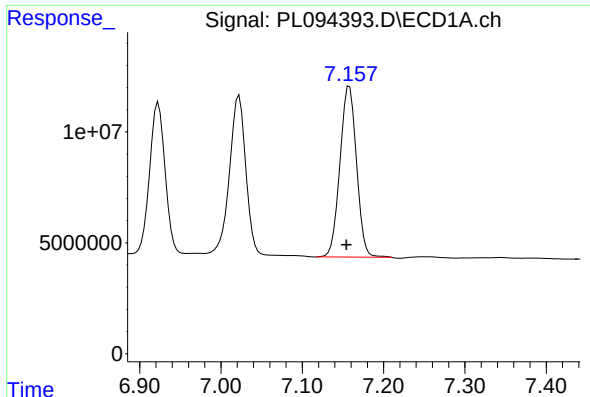
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 90595668
Conc: 46.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.001 min
Response: 146852890
Conc: 46.47 ng/ml



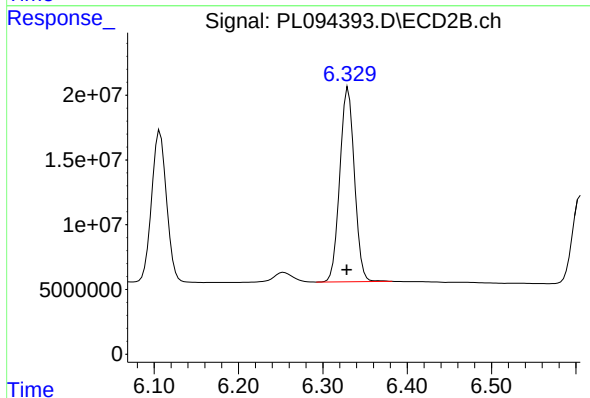
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 108907024
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

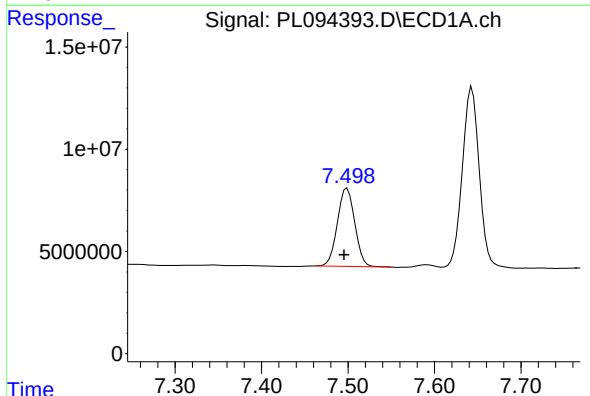
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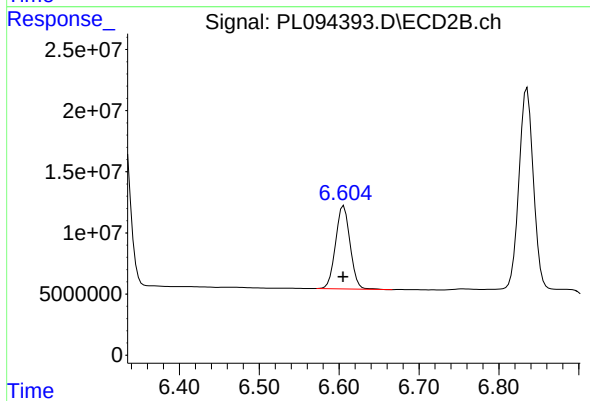
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 180745201
Conc: 48.93 ng/ml



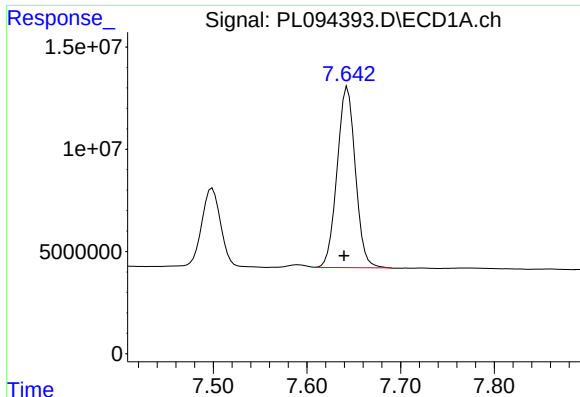
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 53080735
Conc: 47.78 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 86075060
Conc: 44.12 ng/ml



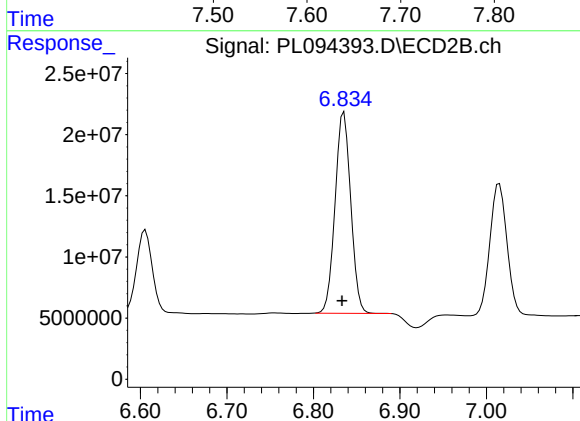
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 119803068
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

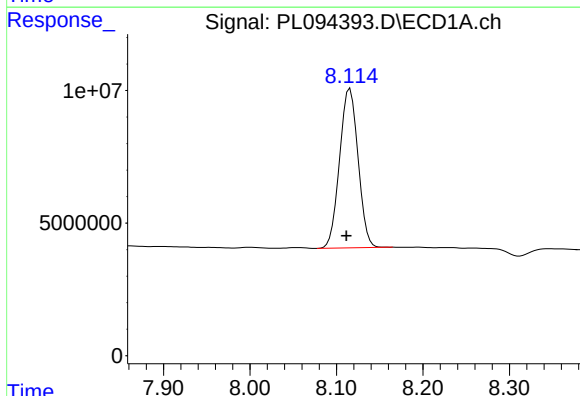
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



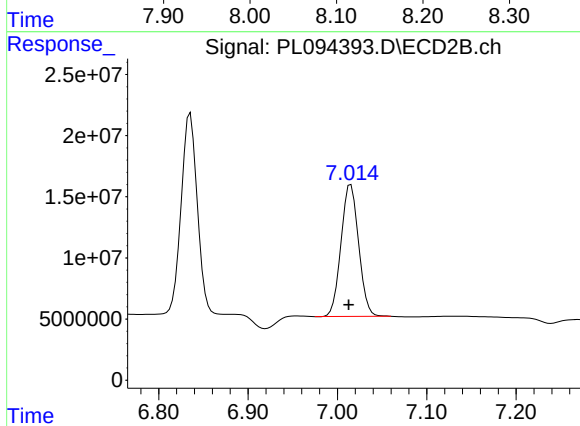
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 205925608
Conc: 48.25 ng/ml



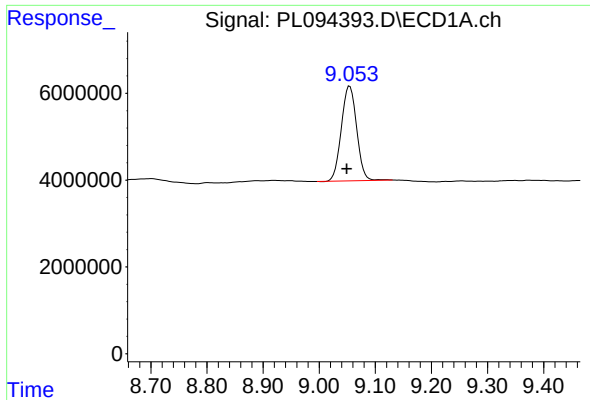
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 88873245
Conc: 43.07 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 147870859
Conc: 42.41 ng/ml



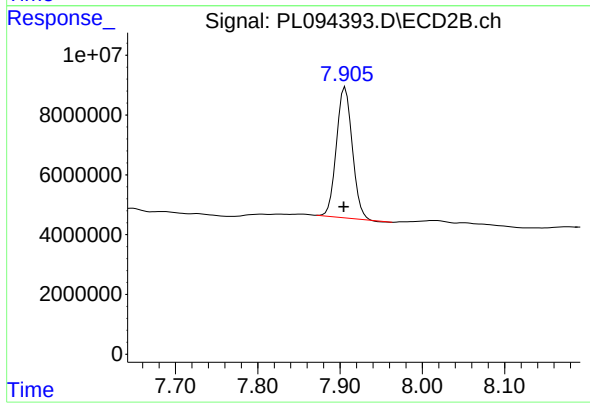
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.006 min
Response: 41339112
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MS

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 58515932
Conc: 15.22 ng/ml