

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 18:25
 Operator : AR\AJ
 Sample : PB166910BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166910BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/02/2025
 Supervised By : Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:15:20 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	49182773	58521766	19.370	18.339
28)	SA Decachlor...	9.054	7.907	39689364	63928549	18.657	16.624
Target Compounds							
2)	A alpha-BHC	3.994	3.274	173.0E6	227.1E6	45.729	46.200
3)	MA gamma-BHC...	4.326	3.604	165.5E6	216.6E6	44.801	45.985
4)	MA Heptachlor	4.914	3.942	162.6E6	226.6E6	47.961	48.010
5)	MB Aldrin	5.256	4.221	154.6E6	210.8E6	45.045	45.614
6)	B beta-BHC	4.525	3.904	74668756	96099736	46.759	48.317
7)	B delta-BHC	4.770	4.133	163.4E6	214.6E6	46.169m	45.325
8)	B Heptachlo...	5.682	4.724	140.4E6	200.0E6	46.585	47.000
9)	A Endosulfan I	6.068	5.094	128.9E6	189.3E6	46.894	47.486
10)	B gamma-Chl...	5.938	4.974	138.8E6	206.2E6	47.270	47.525
11)	B alpha-Chl...	6.017	5.038	138.0E6	202.9E6	47.623	46.997
12)	B 4,4'-DDE	6.191	5.226	130.7E6	204.5E6	50.062	48.701
13)	MA Dieldrin	6.343	5.358	134.7E6	209.7E6	47.294	47.857
14)	MA Endrin	6.571	5.633	111.5E6	186.6E6	43.685m	54.803 #
15)	B Endosulfa...	6.793	5.928	115.2E6	185.3E6	45.749	49.548
16)	A 4,4'-DDD	6.709	5.781	98385042	166.7E6	53.188	52.333
17)	MA 4,4'-DDT	7.023	6.031	105.0E6	178.6E6	49.993	50.210
18)	B Endrin al...	6.923	6.107	88143207	142.7E6	45.276	45.163
19)	B Endosulfa...	7.158	6.330	103.2E6	175.5E6	45.604	47.517
20)	A Methoxychlor	7.499	6.606	54305421	96866677	48.878	49.649
21)	B Endrin ke...	7.643	6.836	114.5E6	202.5E6	45.681	47.440
22)	Mirex	8.115	7.015	83818838	149.0E6	40.624	42.736

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 18:25
Operator : AR\AJ
Sample : PB166910BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

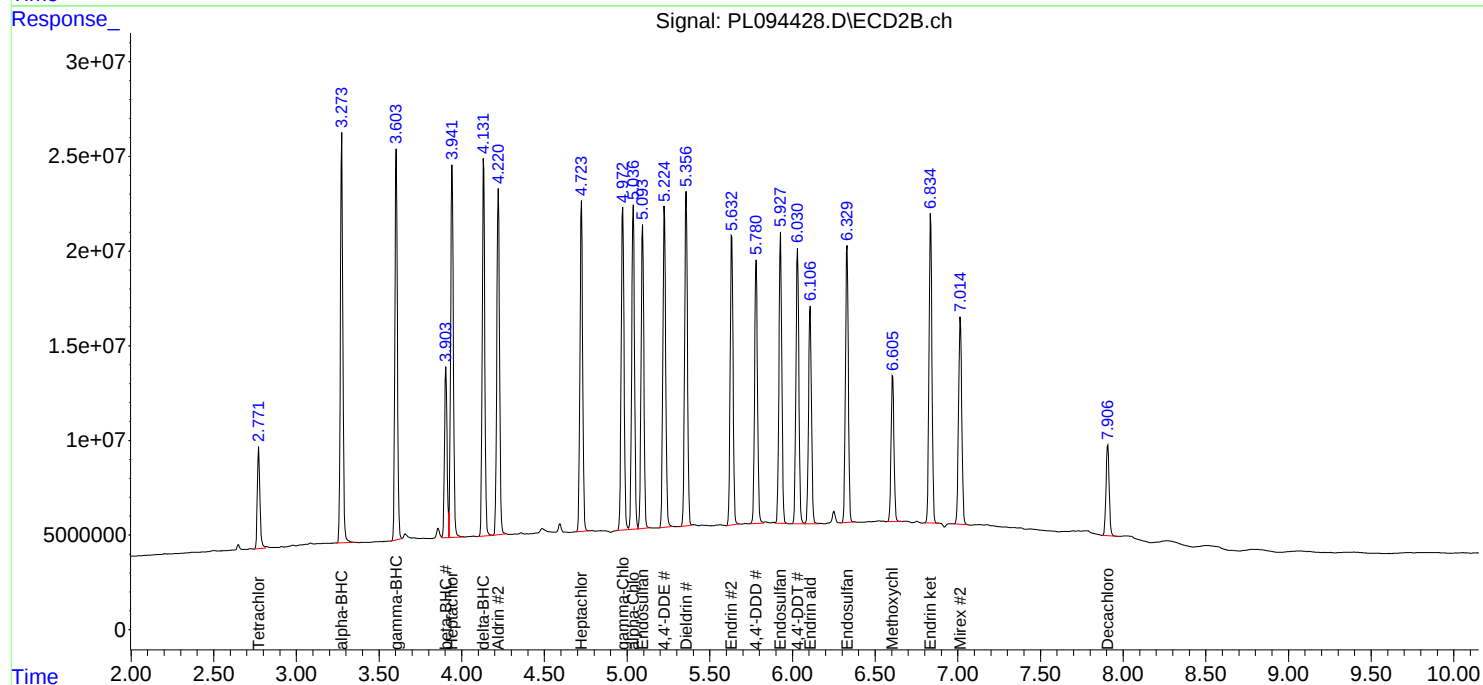
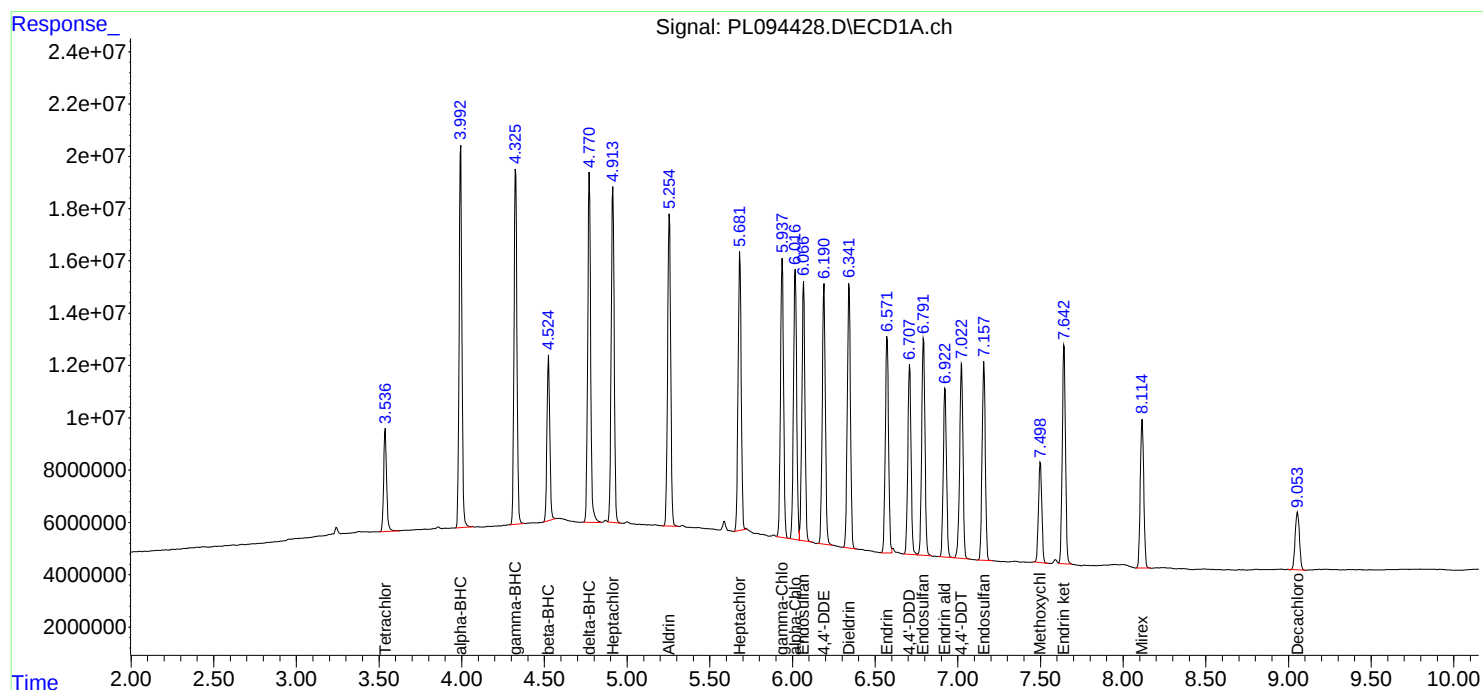
Instrument :
ECD_L
ClientSampleId :
PB166910BS

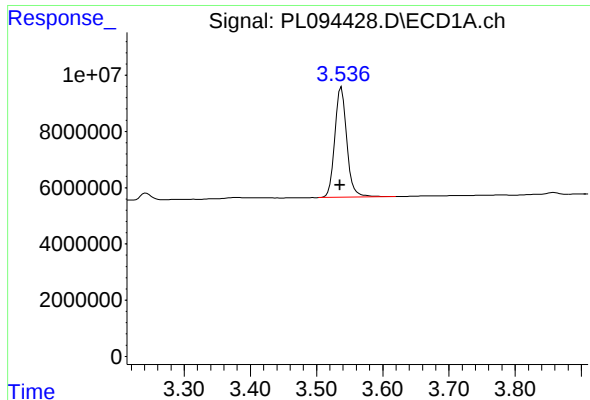
Manual Integrations
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Supervised By : Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:15:20 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





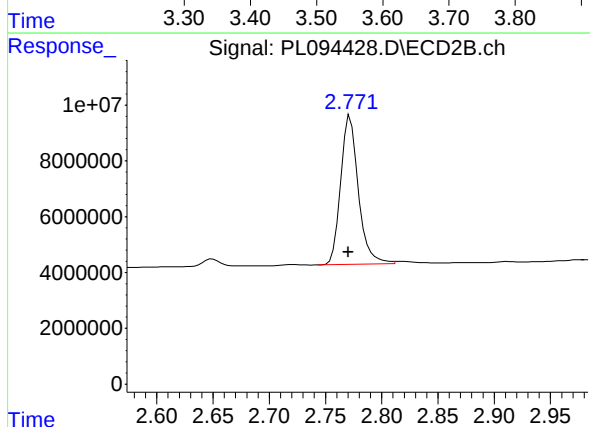
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 49182773
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

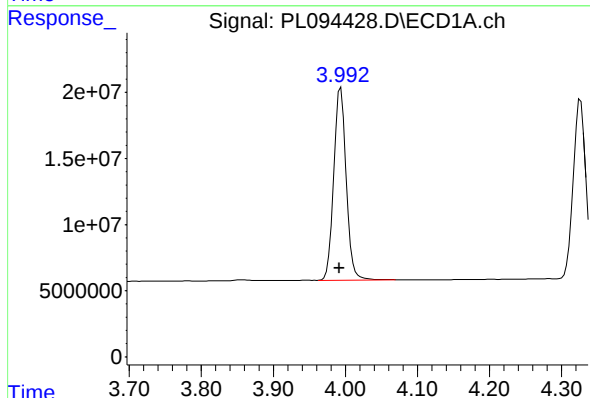
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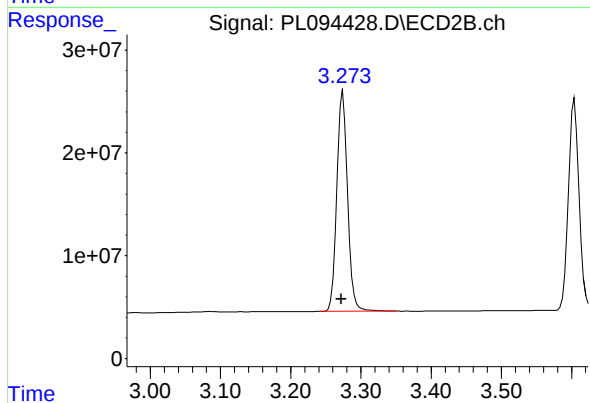
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 58521766
Conc: 18.34 ng/ml



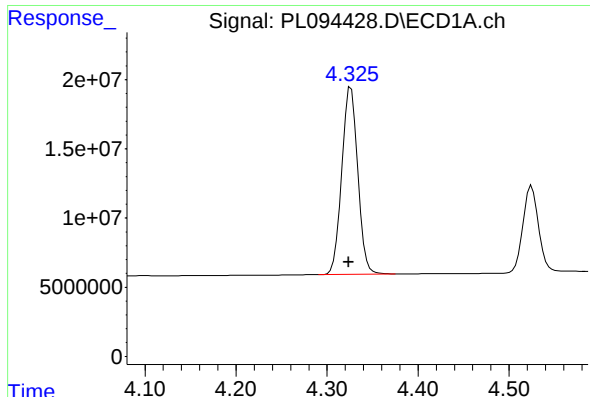
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 172975548
Conc: 45.73 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 227064559
Conc: 46.20 ng/ml



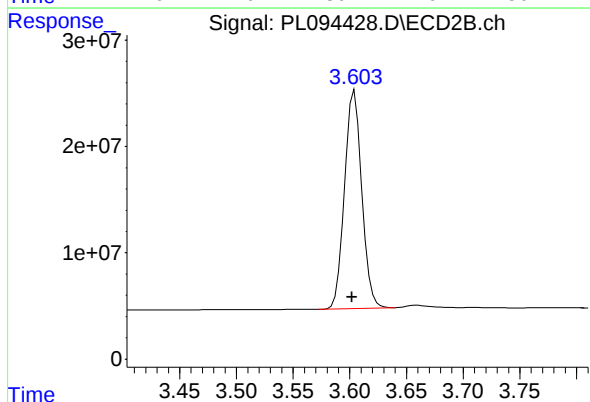
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 165527778
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

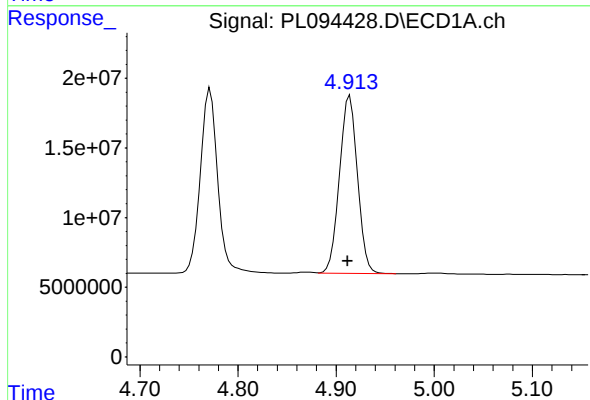
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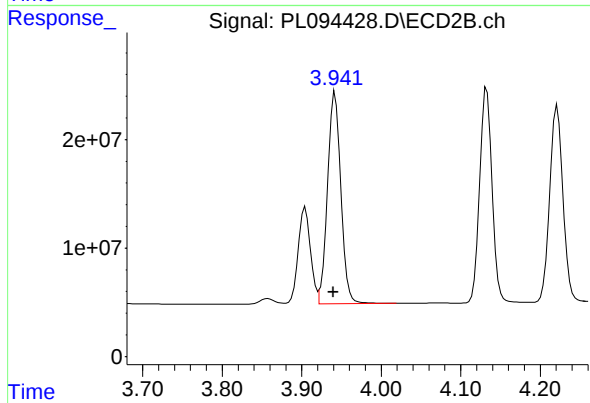
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 216586361
Conc: 45.98 ng/ml



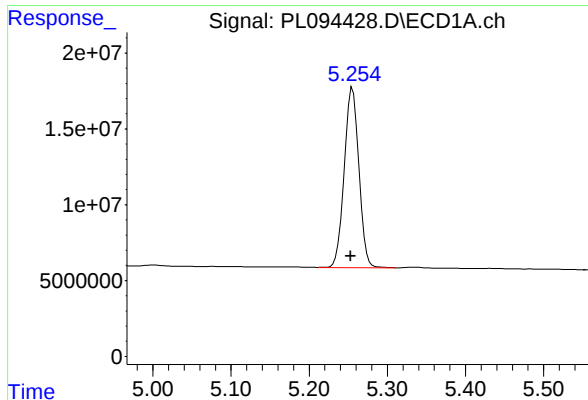
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 162605586
Conc: 47.96 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 226622113
Conc: 48.01 ng/ml



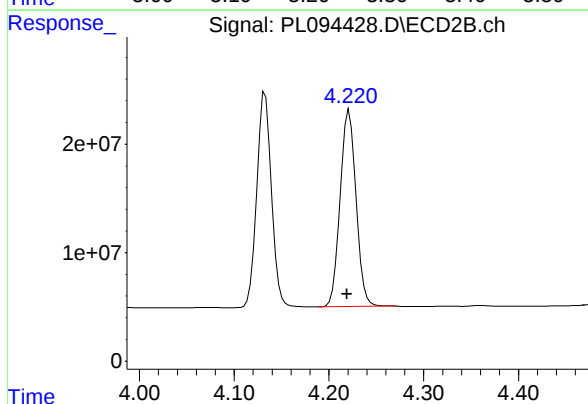
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 154583808
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

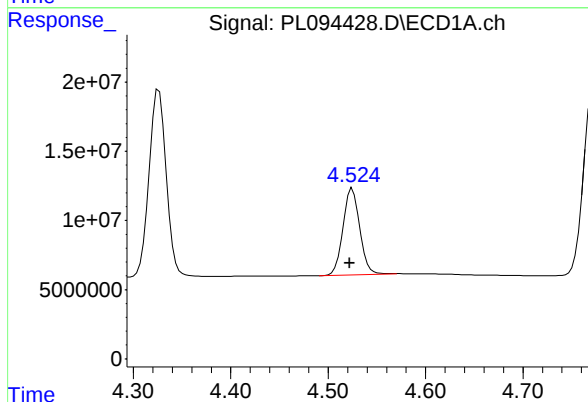
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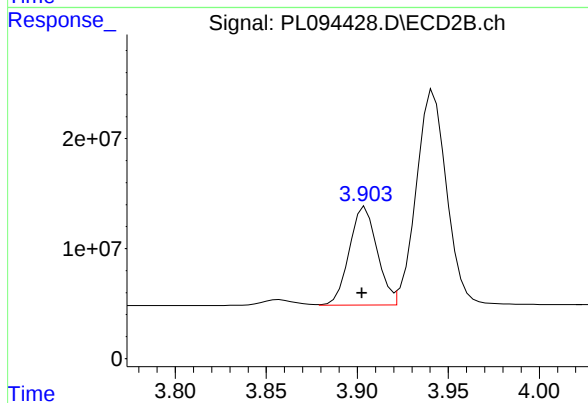
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 210751614
Conc: 45.61 ng/ml



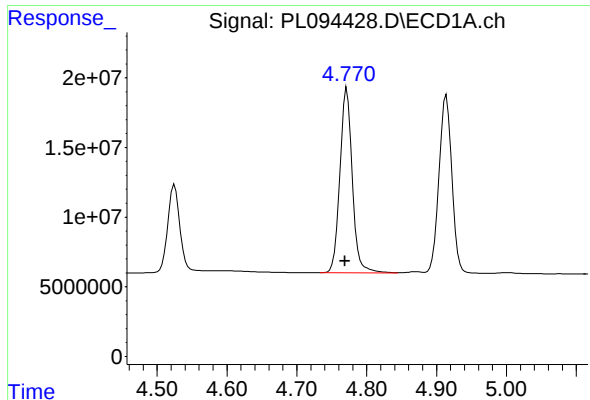
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 74668756
Conc: 46.76 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 96099736
Conc: 48.32 ng/ml



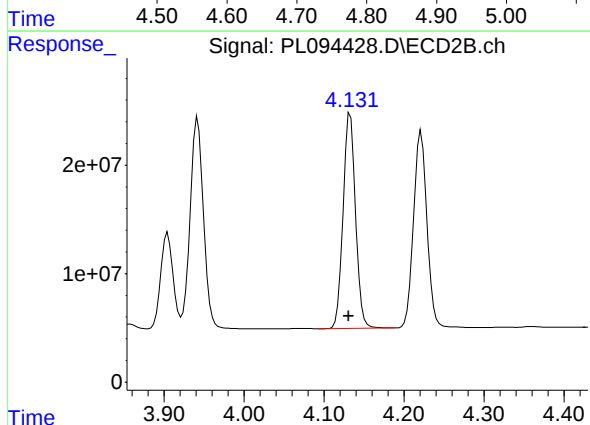
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 163358987
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

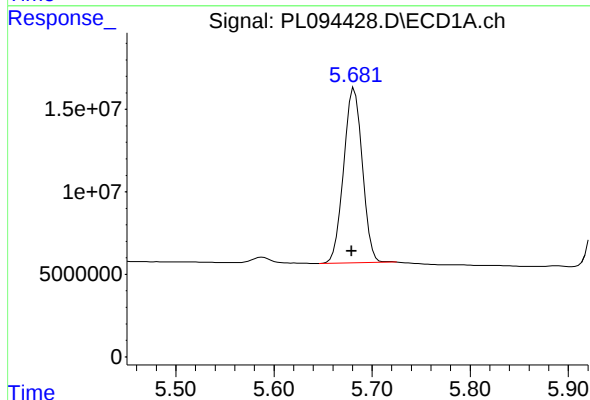
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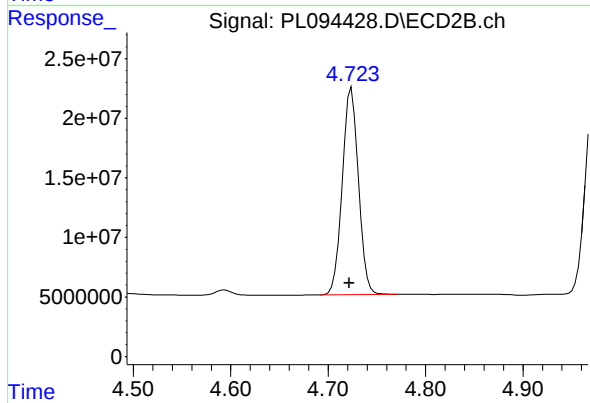
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 214648219
Conc: 45.33 ng/ml



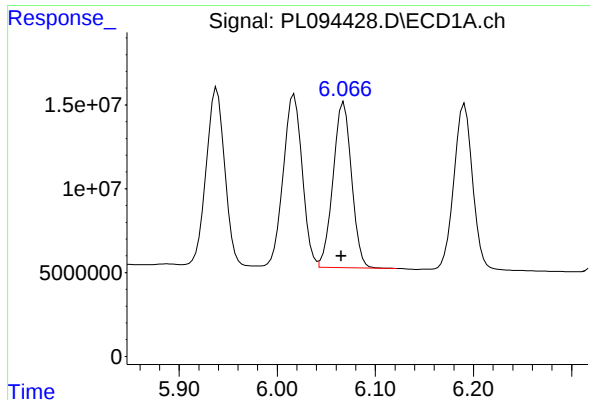
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 140380105
Conc: 46.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 200003378
Conc: 47.00 ng/ml



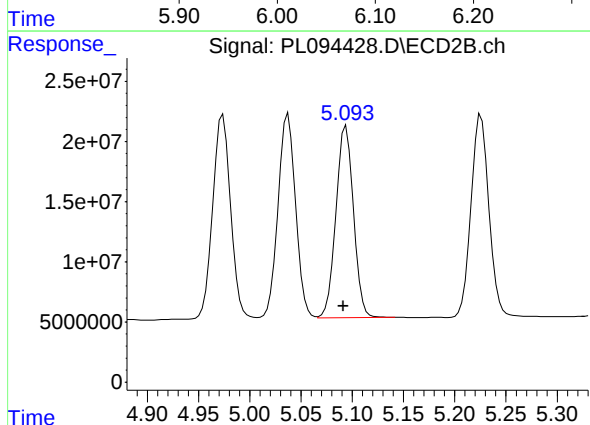
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 128894540
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

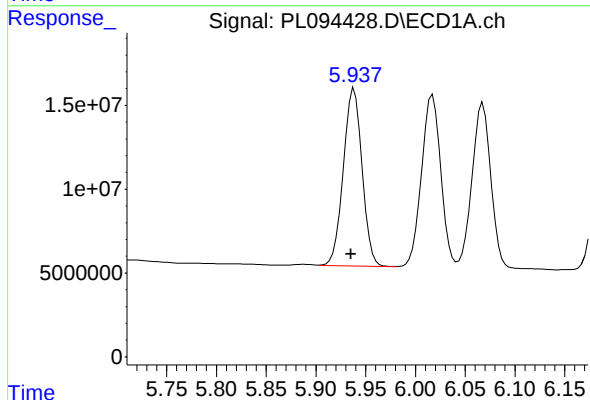
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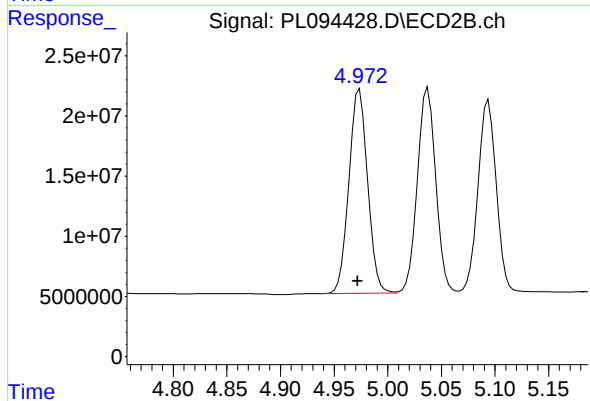
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 189306231
Conc: 47.49 ng/ml



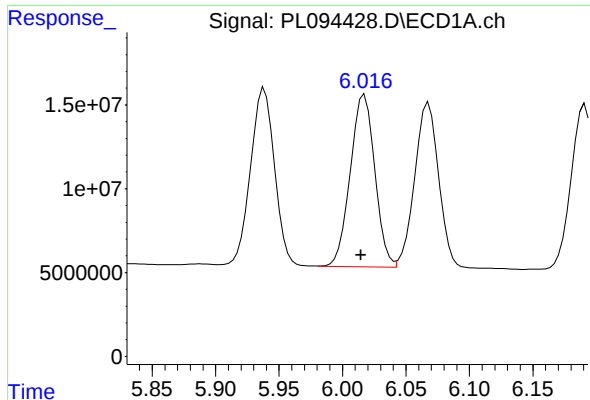
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 138791496
Conc: 47.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 206201724
Conc: 47.52 ng/ml



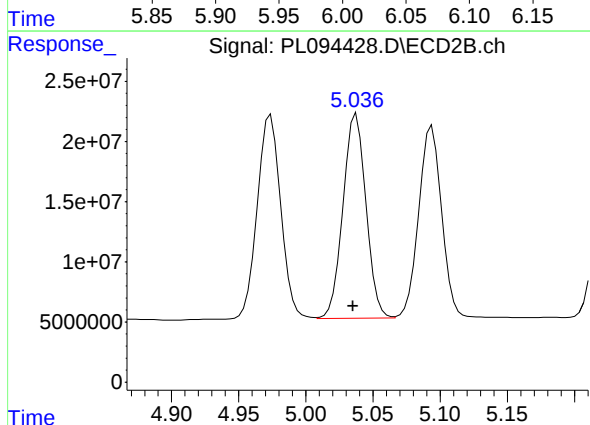
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 137966526
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

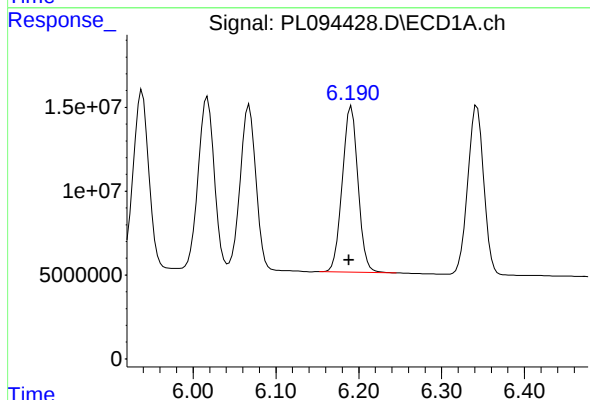
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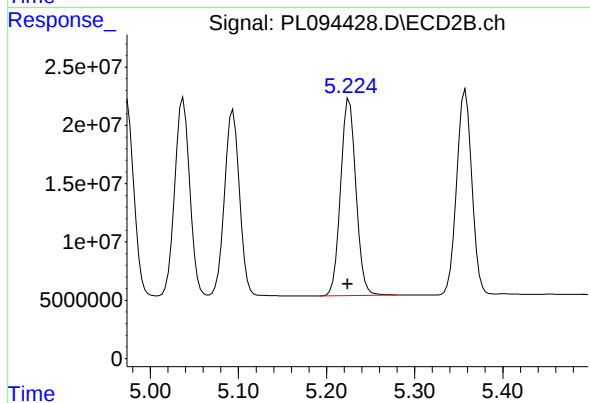
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.002 min
Response: 202914093
Conc: 47.00 ng/ml



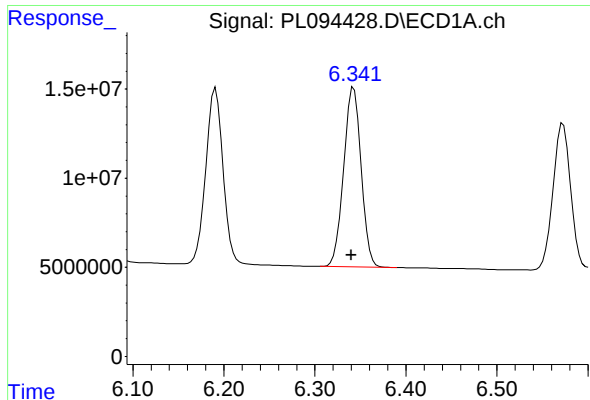
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 130748465
Conc: 50.06 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 204544372
Conc: 48.70 ng/ml



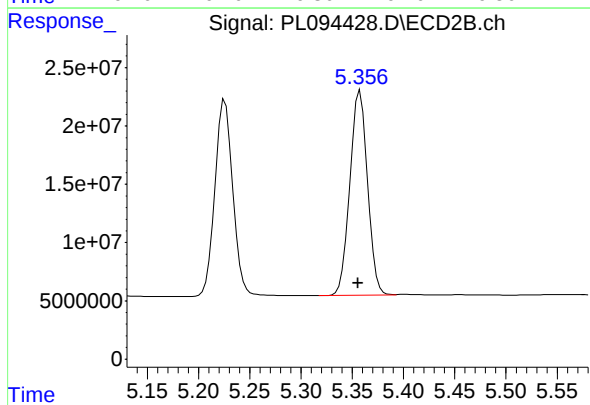
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 134740774
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

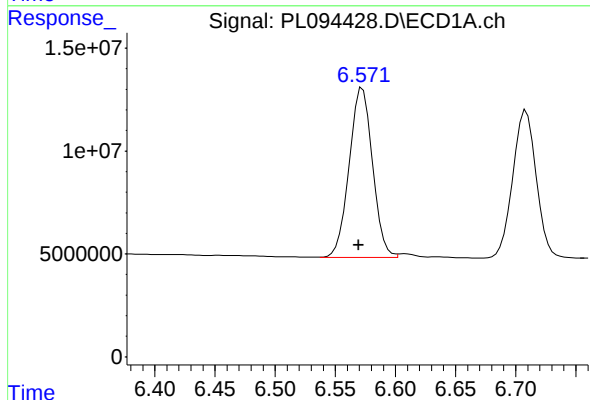
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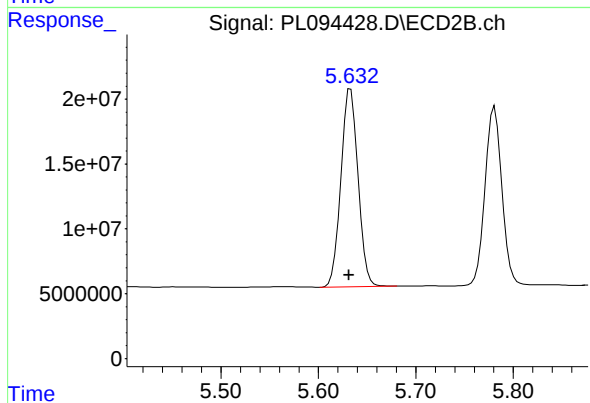
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 209698114
Conc: 47.86 ng/ml



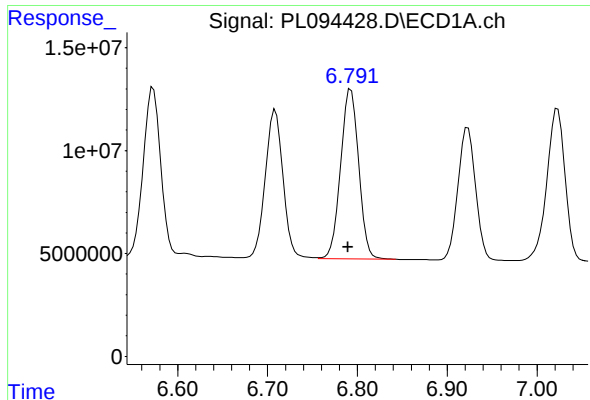
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 111496475
Conc: 43.68 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 186588127
Conc: 54.80 ng/ml



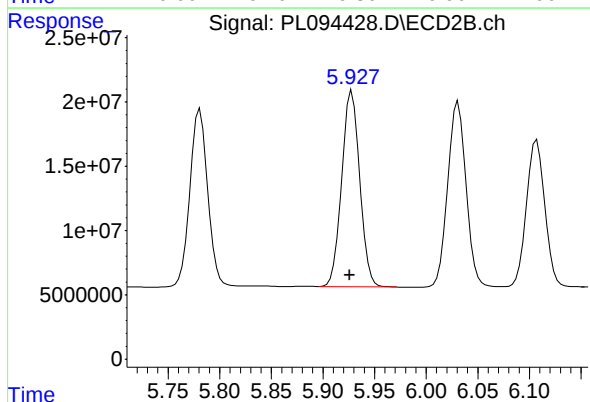
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 115160873
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

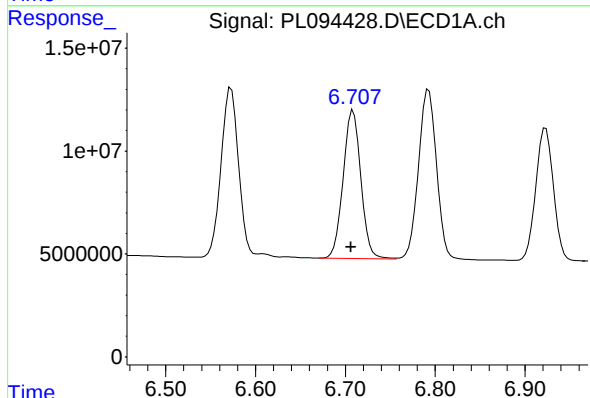
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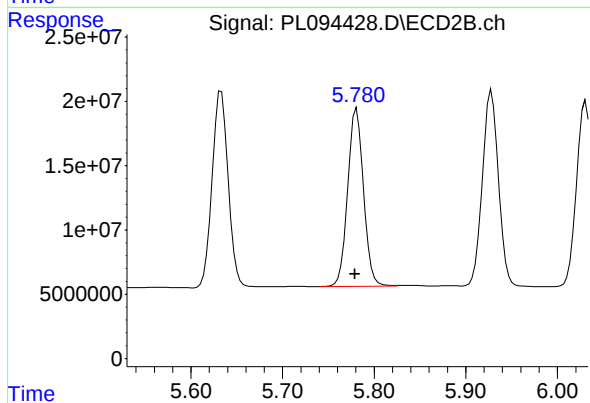
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 185285615
Conc: 49.55 ng/ml



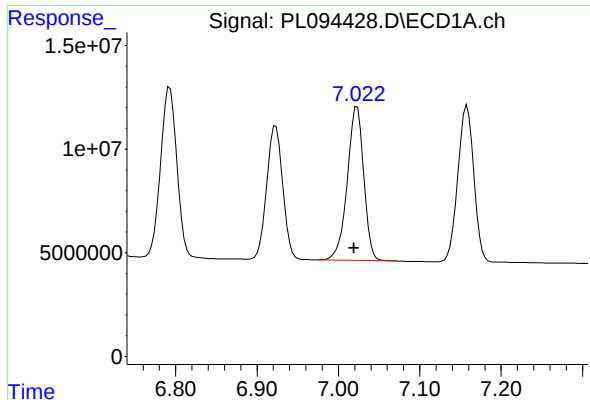
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 98385042
Conc: 53.19 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 166696982
Conc: 52.33 ng/ml



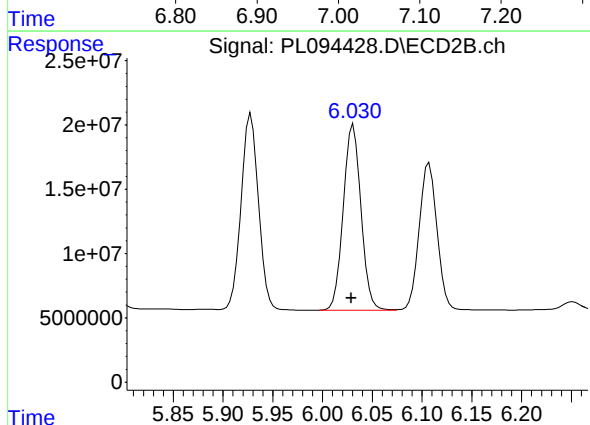
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 104987371
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

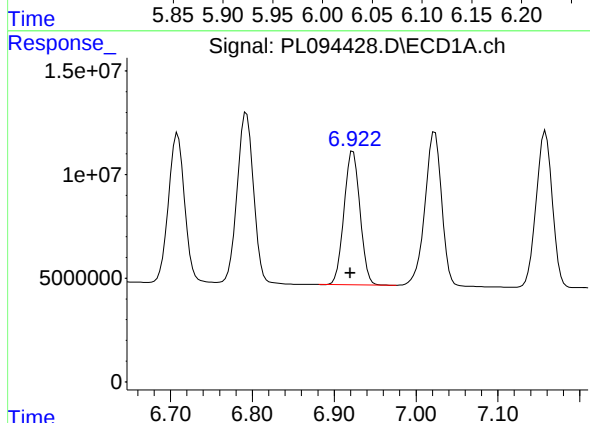
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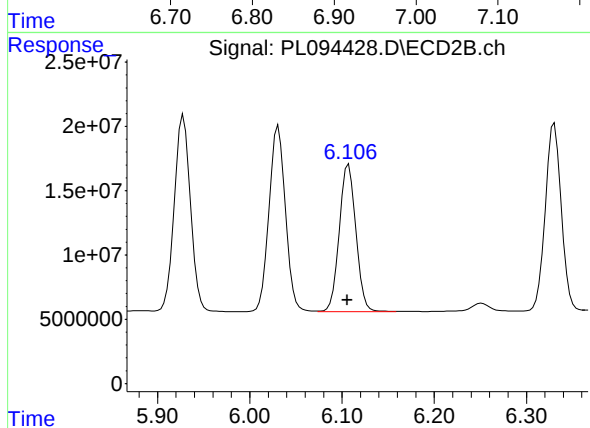
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 178598291
Conc: 50.21 ng/ml



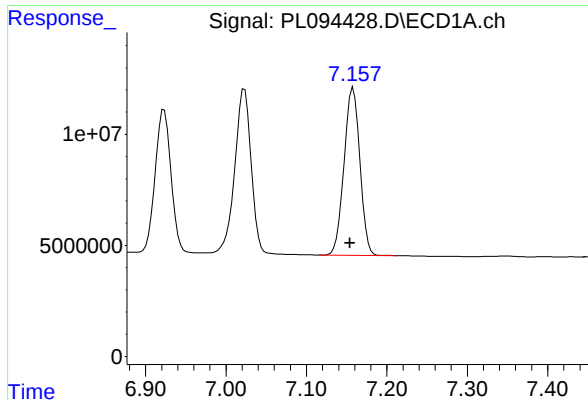
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 88143207
Conc: 45.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 142735589
Conc: 45.16 ng/ml



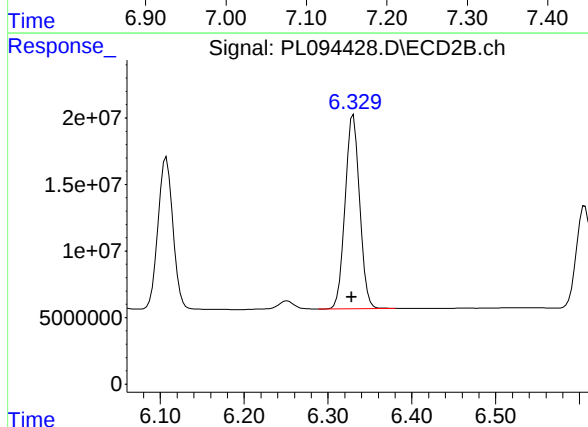
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 103240245
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

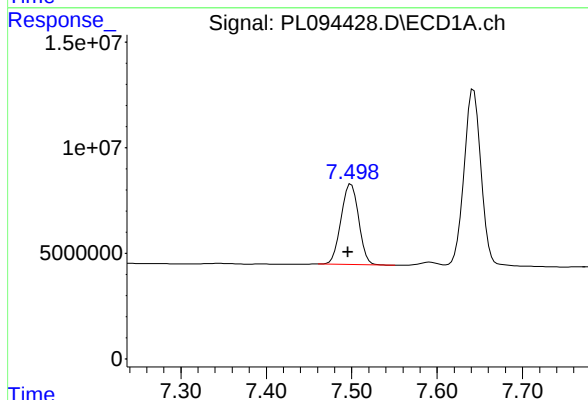
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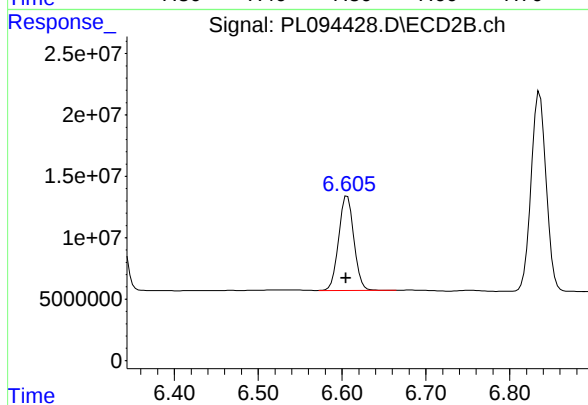
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 175511300
Conc: 47.52 ng/ml



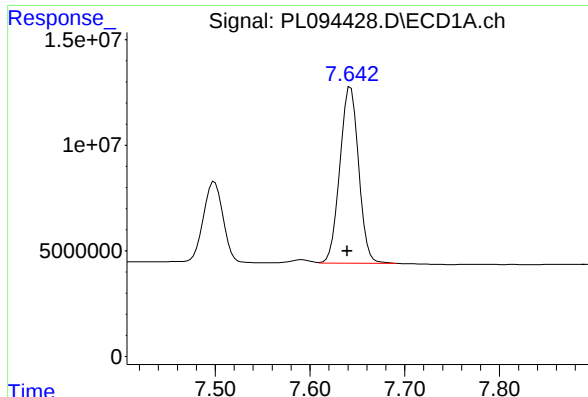
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 54305421
Conc: 48.88 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 96866677
Conc: 49.65 ng/ml



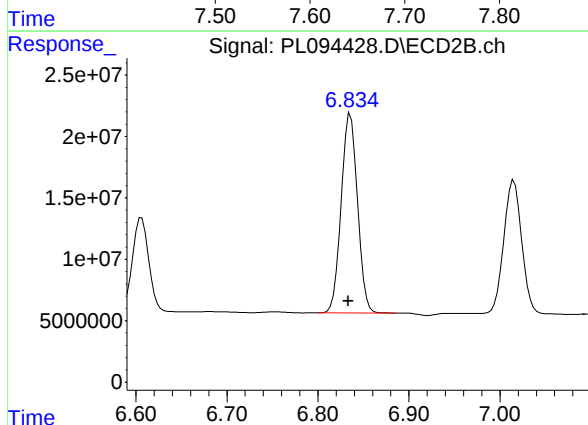
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 114518277
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

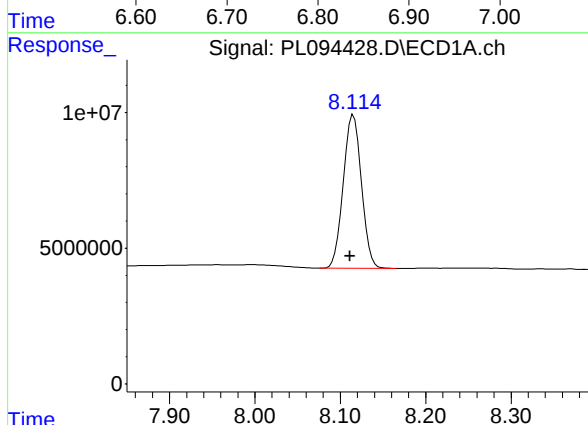
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



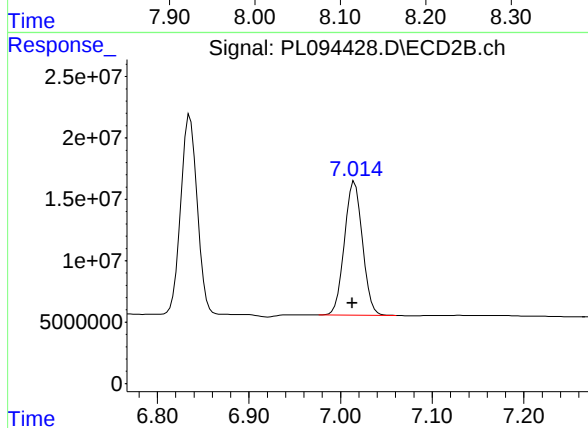
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 202452360
Conc: 47.44 ng/ml



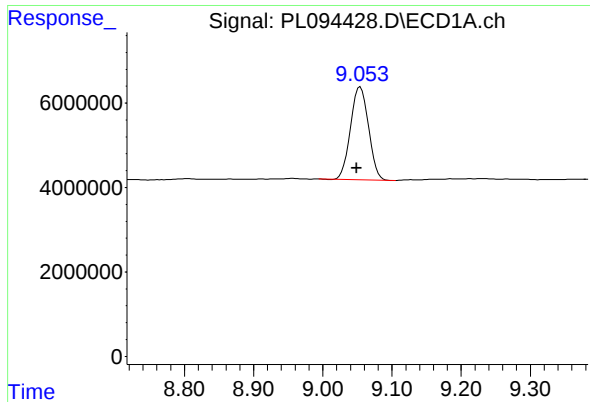
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.004 min
Response: 83818838
Conc: 40.62 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 149020955
Conc: 42.74 ng/ml



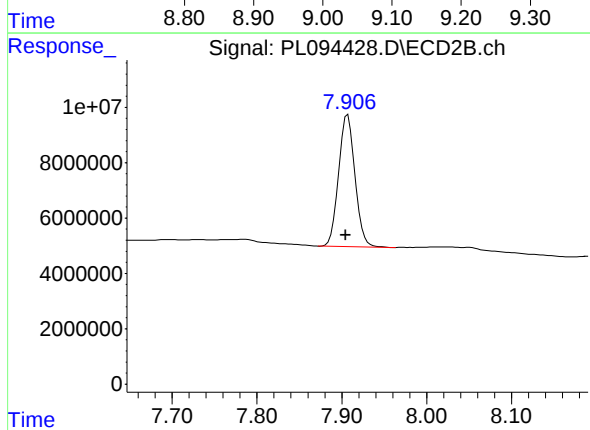
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.005 min
Response: 39689364
Conc: 18.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166910BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 63928549
Conc: 16.62 ng/ml