

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 14:50
 Operator : AR\AJ
 Sample : PB167523BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167523BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:23:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.540	2.768	66780639	90440872	23.592	25.339
2) SA Decachlor...	9.055	7.900	57477722	108.4E6	27.274	26.839
Target Compounds						
2) A alpha-BHC	3.996	3.270	189.5E6	296.1E6	45.643	54.920
3) MA gamma-BHC...	4.329	3.599	180.1E6	272.8E6	45.138	53.071
4) MA Heptachlor	4.916	3.937	170.3E6	262.0E6	43.878	49.732
5) MB Aldrin	5.258	4.216	162.2E6	241.3E6	43.939	49.475
6) B beta-BHC	4.528	3.900	82066436	116.9E6	44.475	52.608
7) B delta-BHC	4.775	4.128	182.2E6	257.0E6	46.796	51.385
8) B Heptachlo...	5.685	4.719	151.2E6	228.7E6	45.207	49.952
9) A Endosulfan I	6.070	5.089	145.1E6	216.1E6	47.259	49.248
10) B gamma-Chl...	5.940	4.967	155.3E6	239.2E6	46.086	49.541m
11) B alpha-Chl...	6.019	5.032	153.9E6	235.7E6	46.695	49.377
12) B 4,4'-DDE	6.193	5.219	153.0E6	240.5E6	51.993	51.732m
13) MA Dieldrin	6.345	5.351	153.5E6	241.4E6	47.985	49.747m
14) MA Endrin	6.575	5.628	123.1E6	217.9E6	44.406	49.926
15) B Endosulfa...	6.795	5.924	132.5E6	221.5E6	48.790	51.180
16) A 4,4'-DDD	6.711	5.776	120.0E6	199.4E6	55.399	55.442
17) MA 4,4'-DDT	7.024	6.026	121.9E6	210.9E6	51.255	52.309
18) B Endrin al...	6.925	6.103	104.4E6	172.2E6	49.466	51.180
19) B Endosulfa...	7.160	6.325	119.2E6	216.7E6	49.025	53.203
20) A Methoxychlor	7.501	6.601	62922140	114.5E6	52.563	53.981
21) B Endrin ke...	7.644	6.829	135.3E6	259.6E6	51.181	54.395m
22) Mirex	8.116	7.008	99257359	191.5E6	48.037	50.469m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095132.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 14:50
Operator : AR\AJ
Sample : PB167523BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167523BS

Manual Integrations

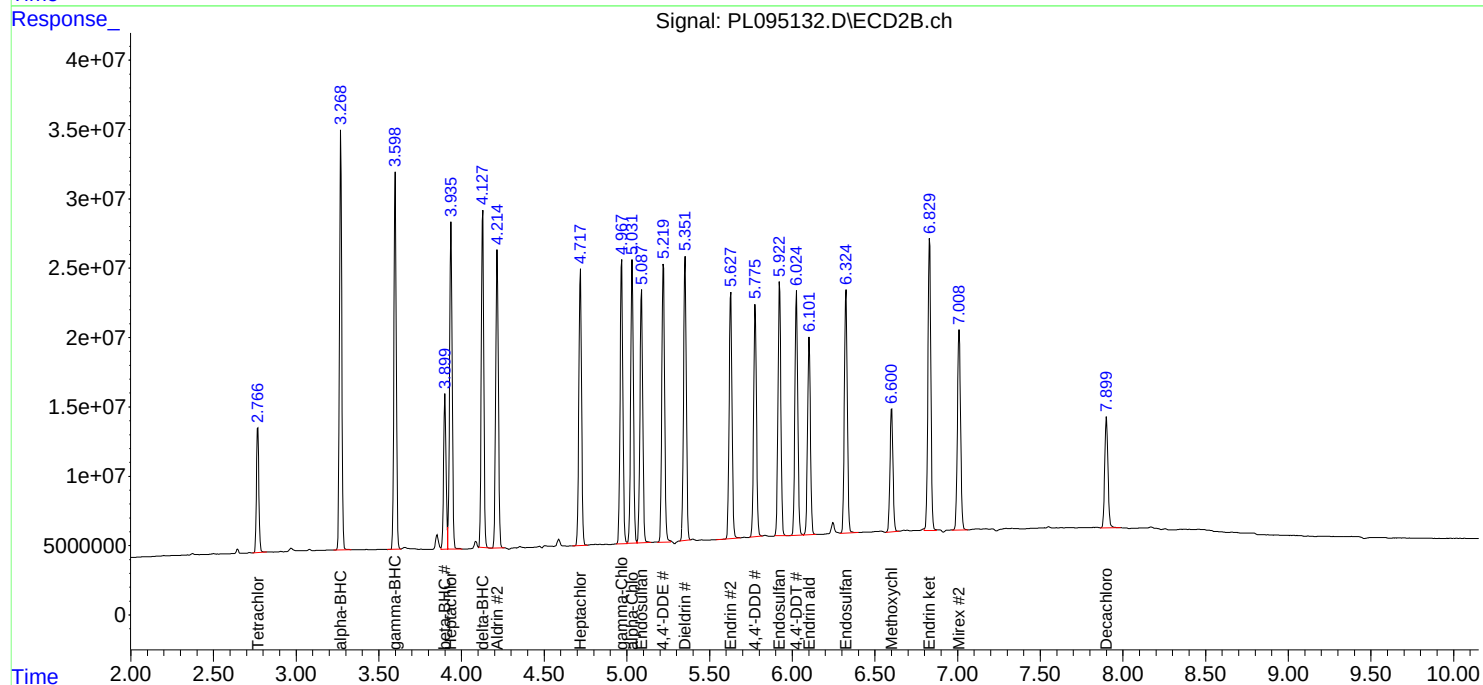
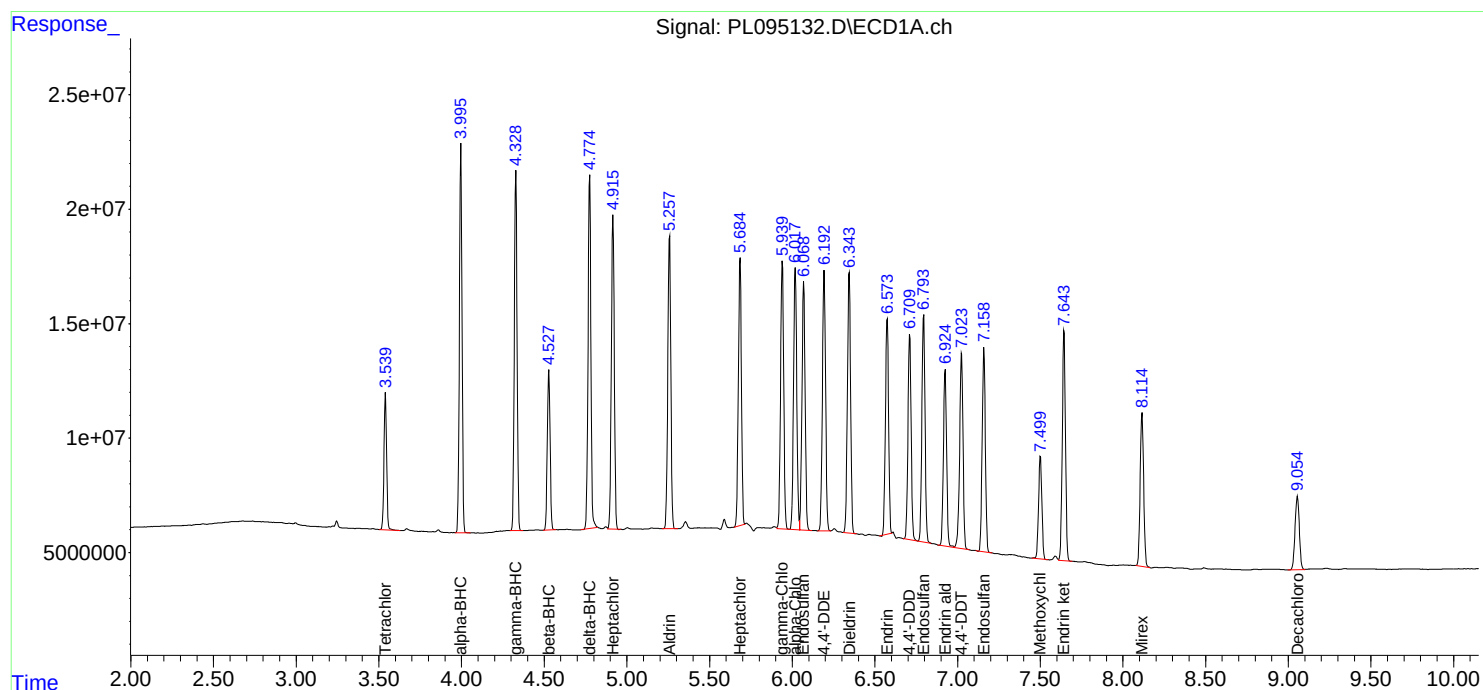
APPROVED

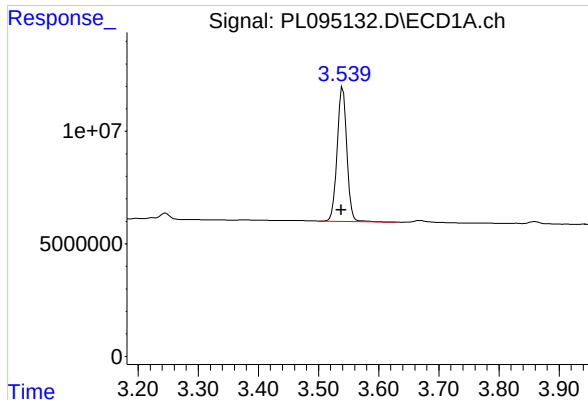
Reviewed By :Abdul Mirza 04/10/2025

Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:23:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





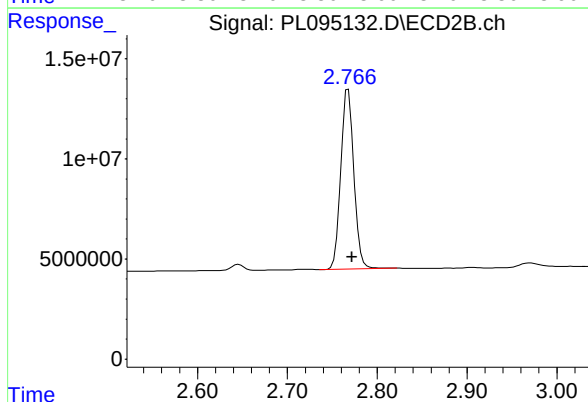
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 66780639
Conc: 23.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

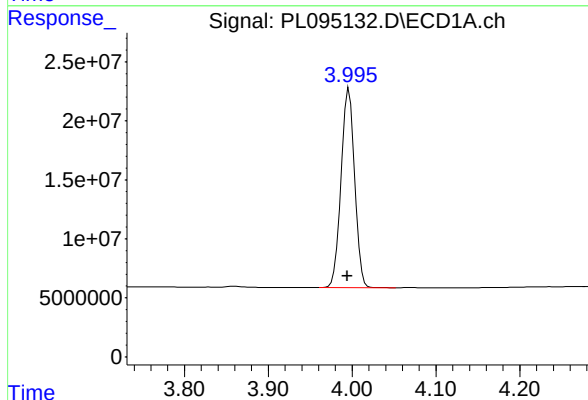
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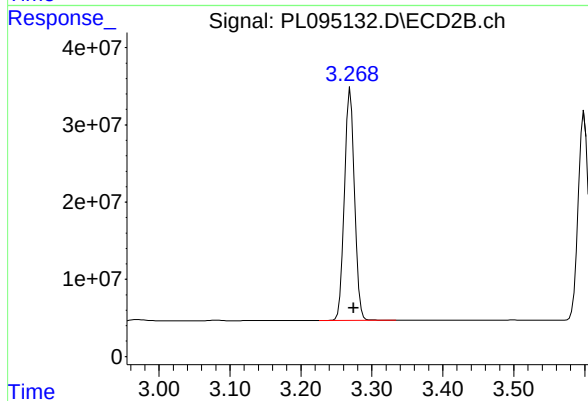
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 90440872
Conc: 25.34 ng/ml



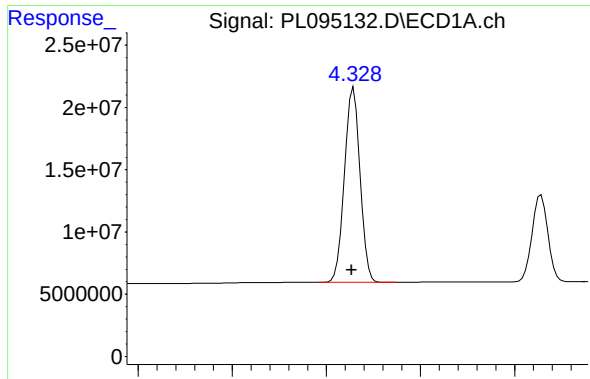
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 189525746
Conc: 45.64 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.005 min
Response: 296091868
Conc: 54.92 ng/ml



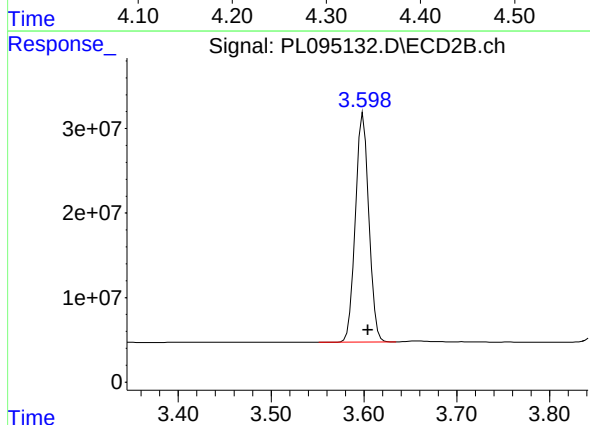
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 180114264
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

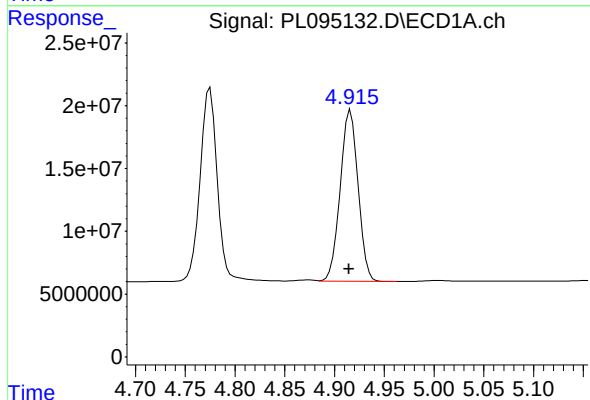
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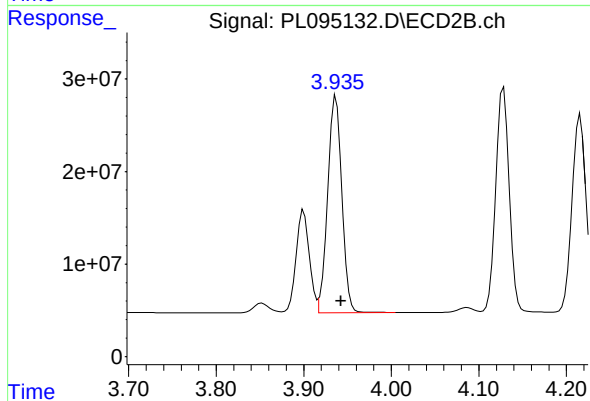
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 272758246
Conc: 53.07 ng/ml



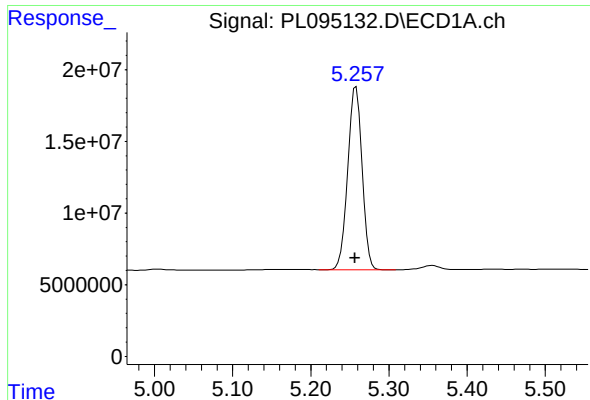
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 170317168
Conc: 43.88 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.006 min
Response: 262019718
Conc: 49.73 ng/ml



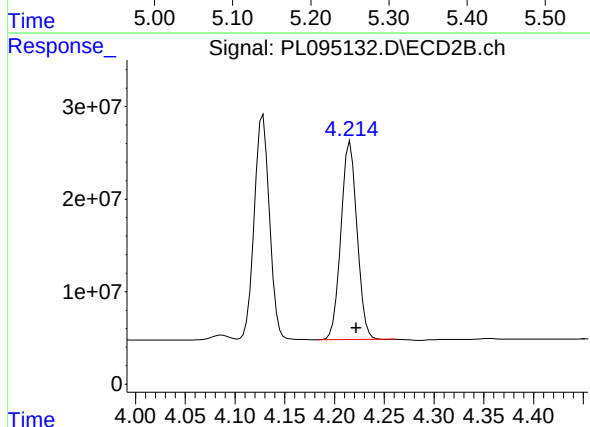
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 162231643
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

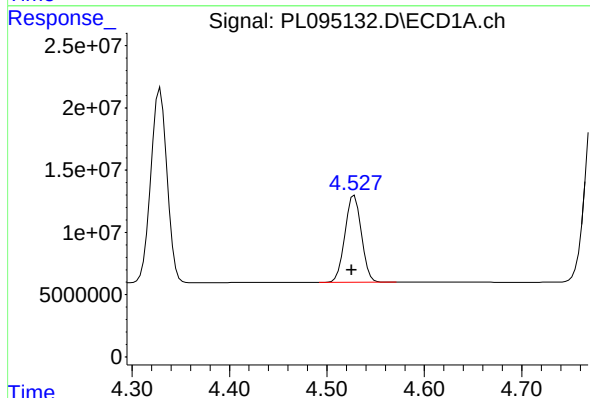
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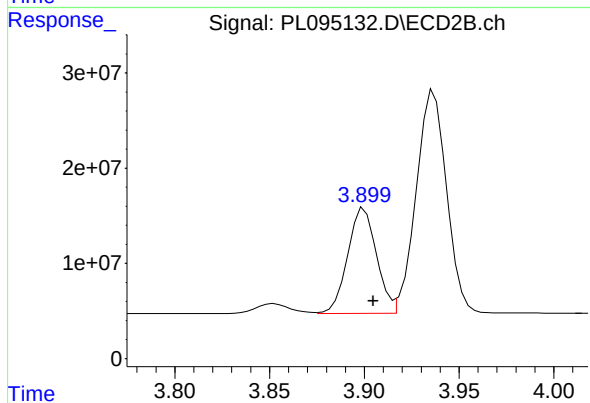
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 241256433
Conc: 49.47 ng/ml



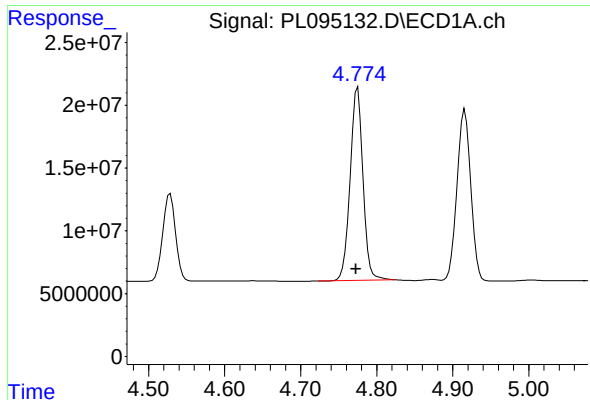
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 82066436
Conc: 44.48 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 116857557
Conc: 52.61 ng/ml



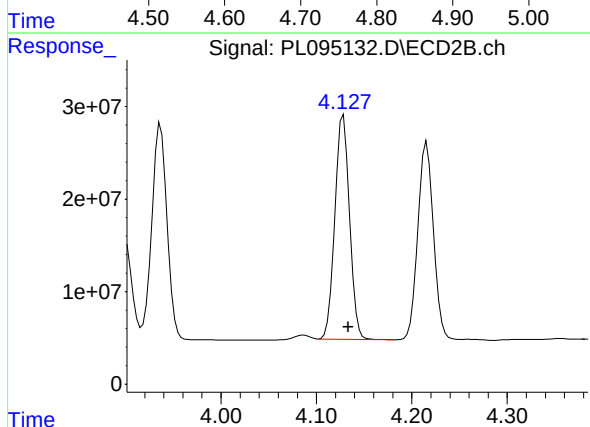
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.002 min
Response: 182236441
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

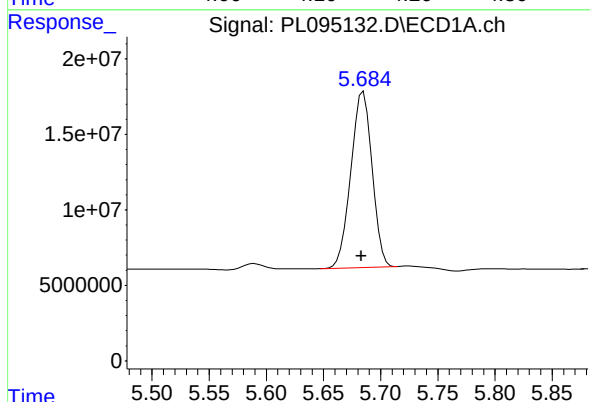
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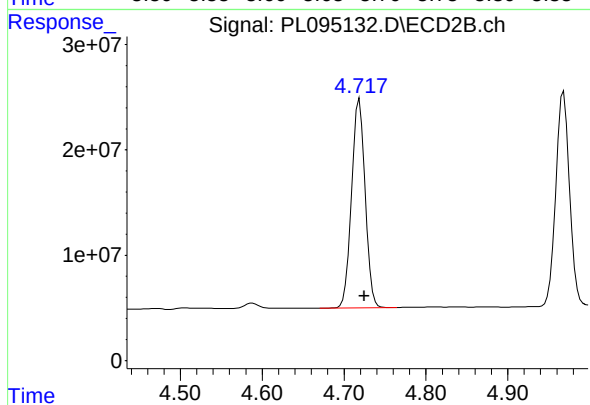
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 257028105
Conc: 51.39 ng/ml



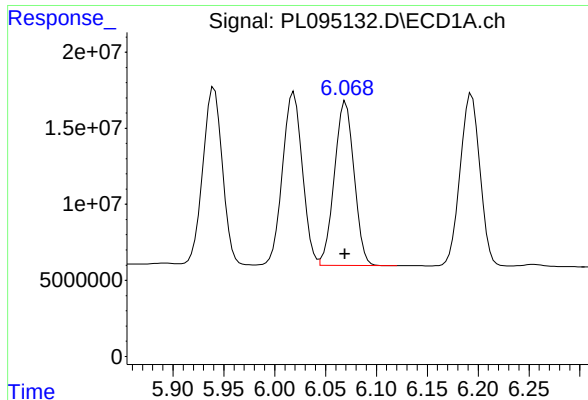
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 151225675
Conc: 45.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 228710055
Conc: 49.95 ng/ml



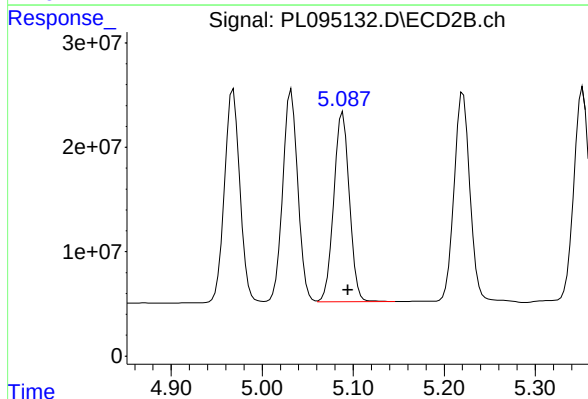
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 145096090
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

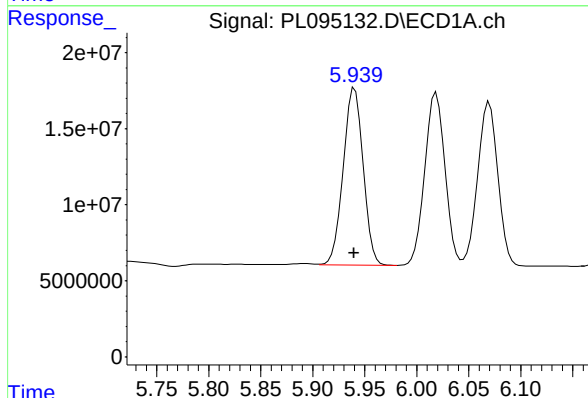
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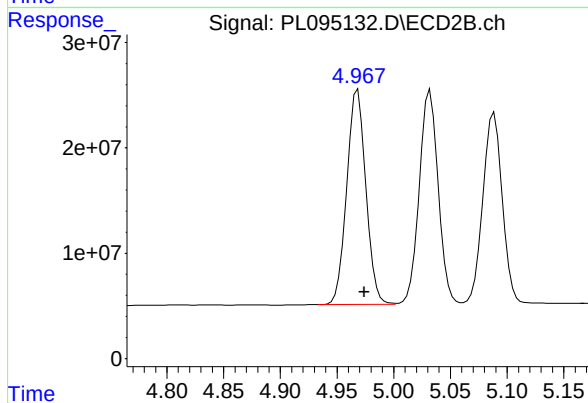
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 216137320
Conc: 49.25 ng/ml



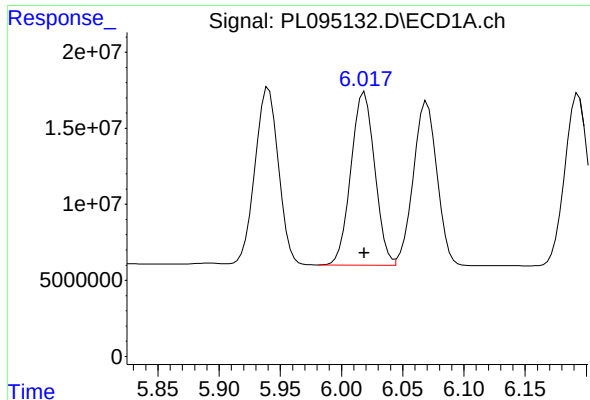
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 155279167
Conc: 46.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 239203826
Conc: 49.54 ng/ml m



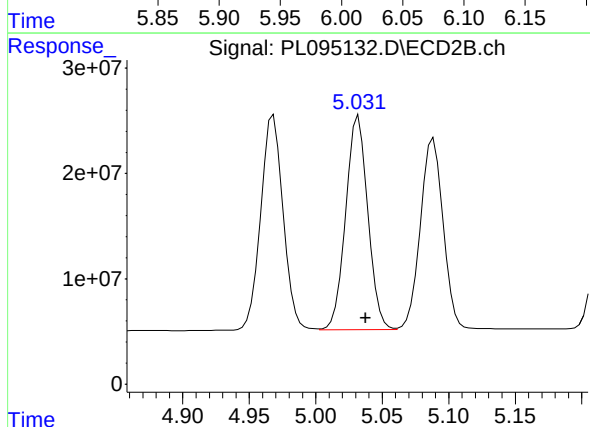
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 153944742
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

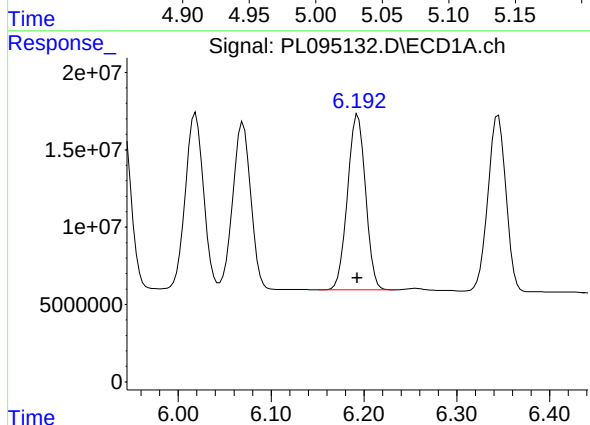
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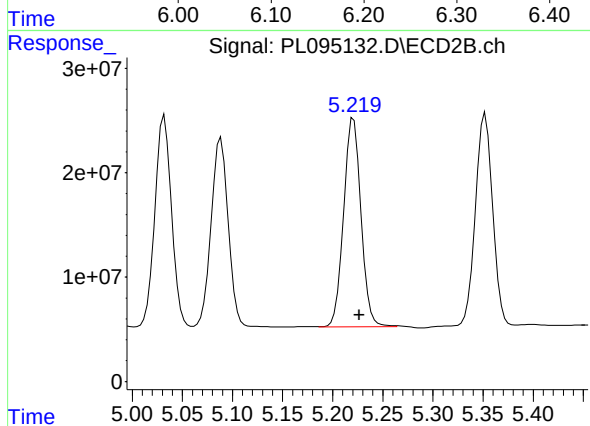
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 235663023
Conc: 49.38 ng/ml



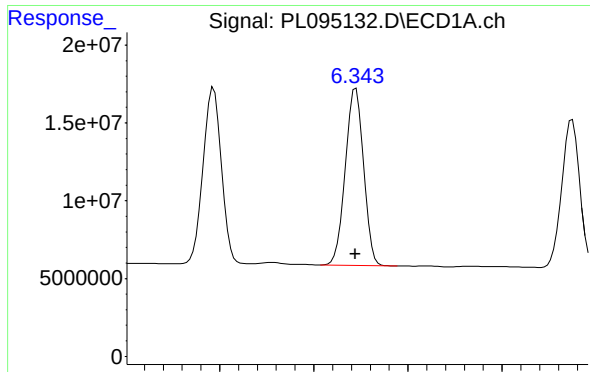
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 152966573
Conc: 51.99 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 240476497
Conc: 51.73 ng/ml m



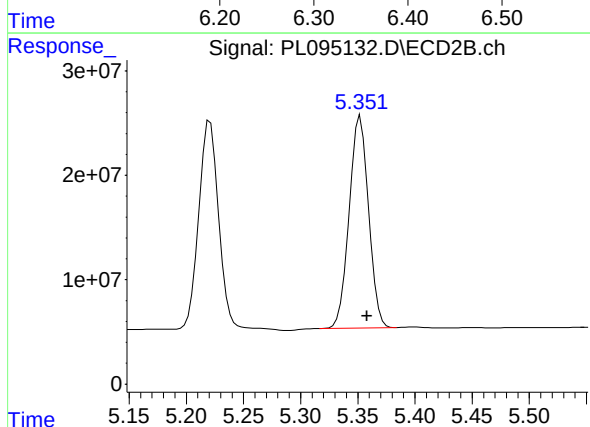
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 153461828
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

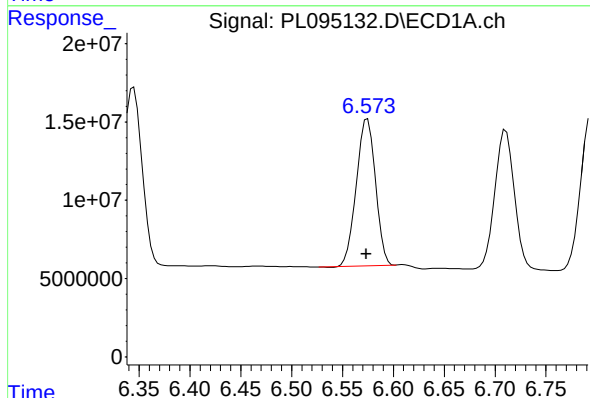
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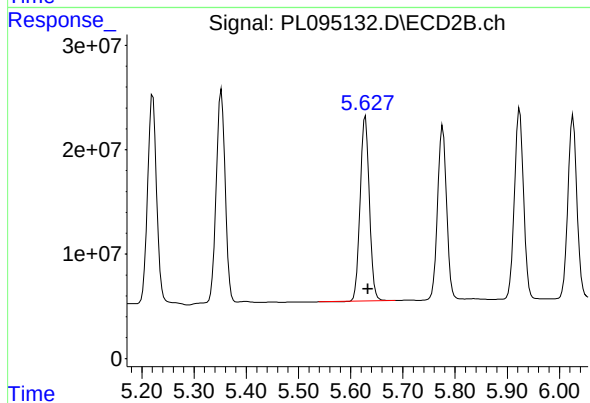
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 241361460
Conc: 49.75 ng/ml m



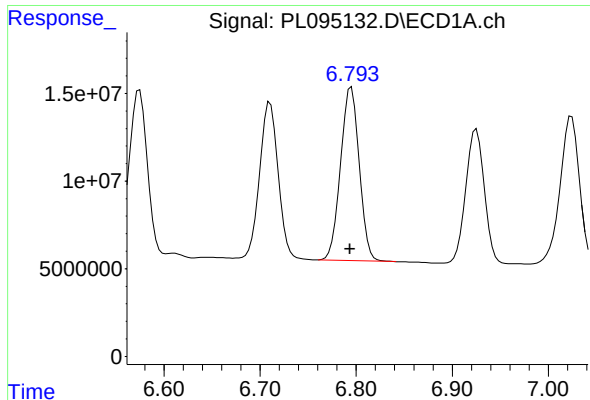
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 123096474
Conc: 44.41 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.005 min
Response: 217858584
Conc: 49.93 ng/ml



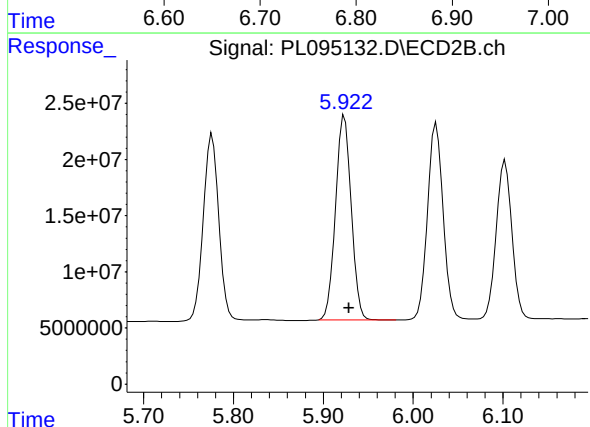
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 132453322
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

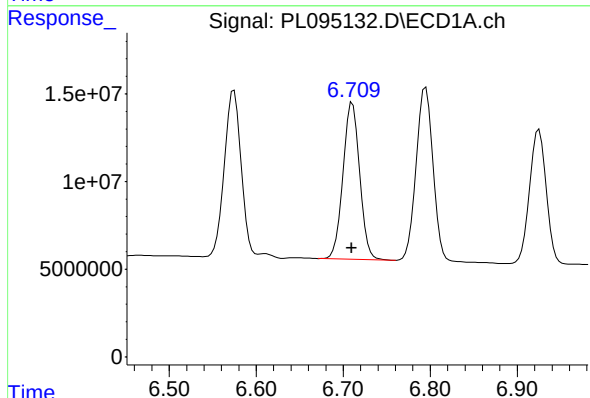
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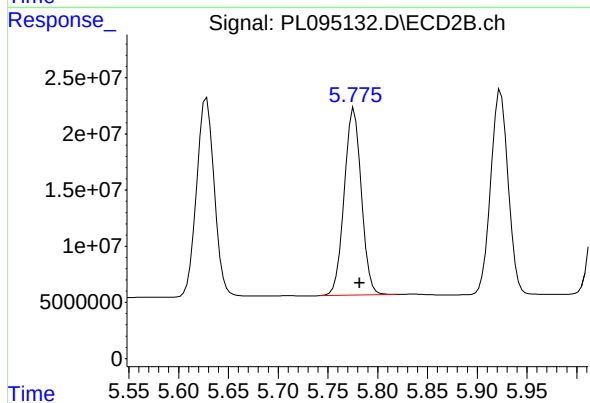
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 221521163
Conc: 51.18 ng/ml



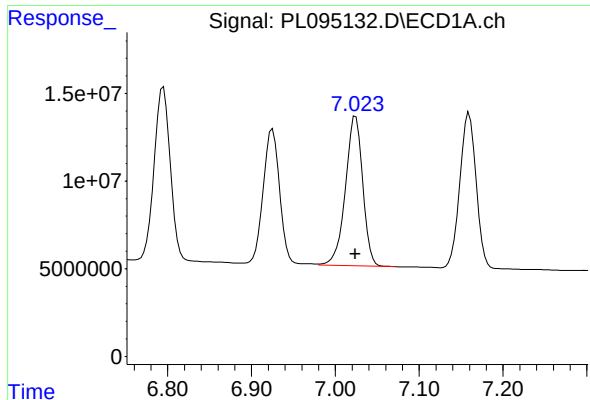
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 119997593
Conc: 55.40 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 199364669
Conc: 55.44 ng/ml



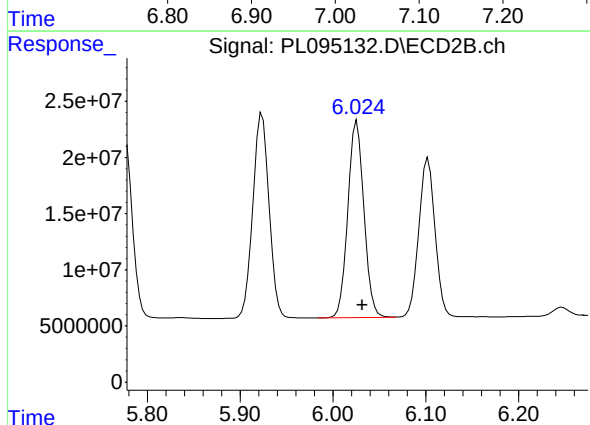
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 121913066
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

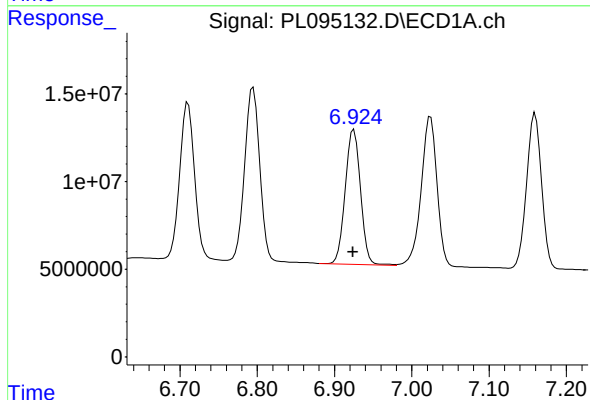
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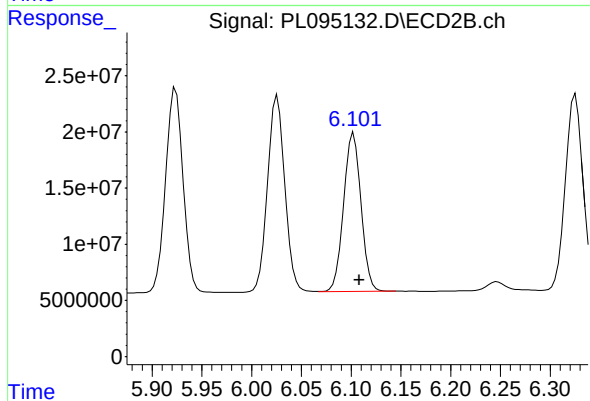
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 210917215
Conc: 52.31 ng/ml



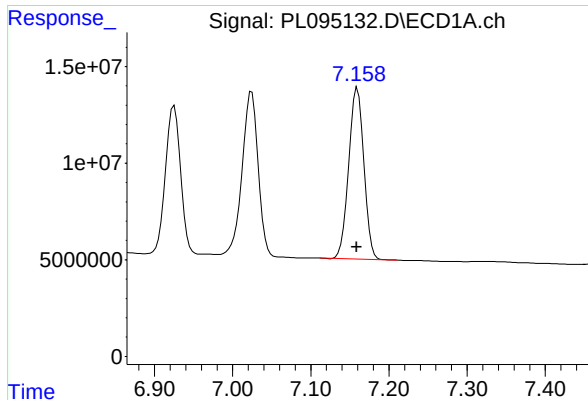
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 104421482
Conc: 49.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 172241123
Conc: 51.18 ng/ml



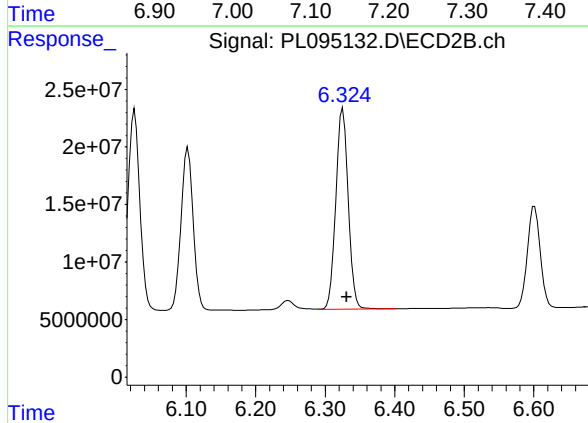
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 119230712
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

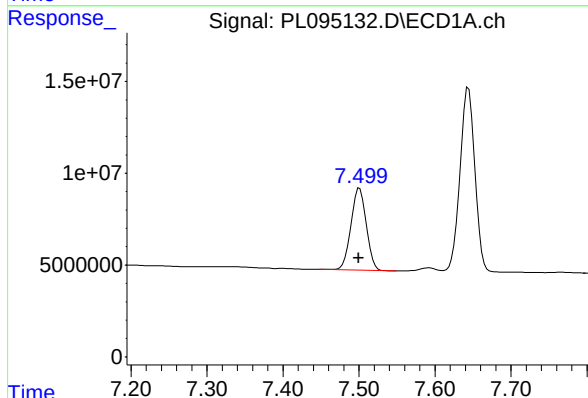
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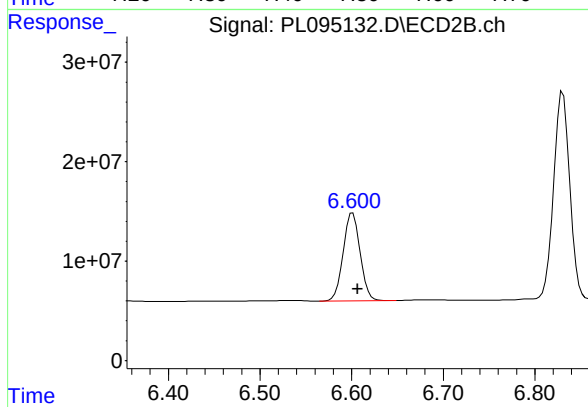
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 216720042
Conc: 53.20 ng/ml



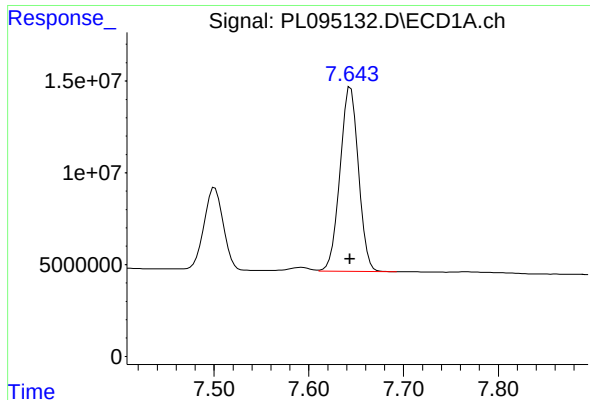
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.001 min
Response: 62922140
Conc: 52.56 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 114496639
Conc: 53.98 ng/ml



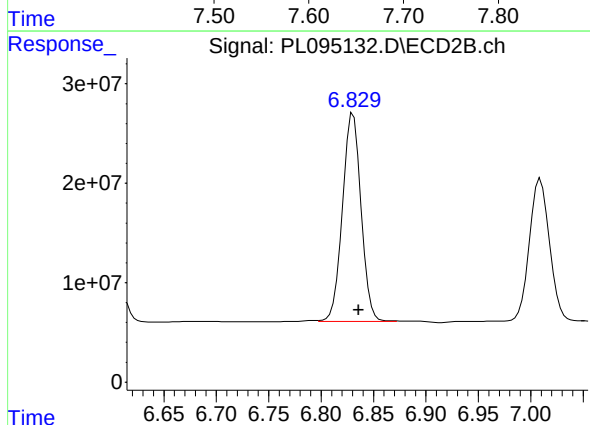
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 135284761
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

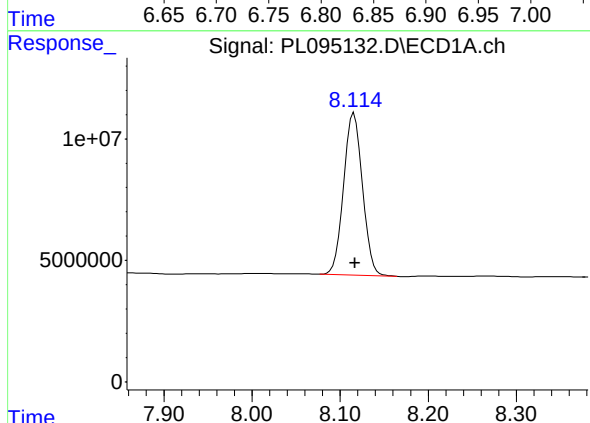
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Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



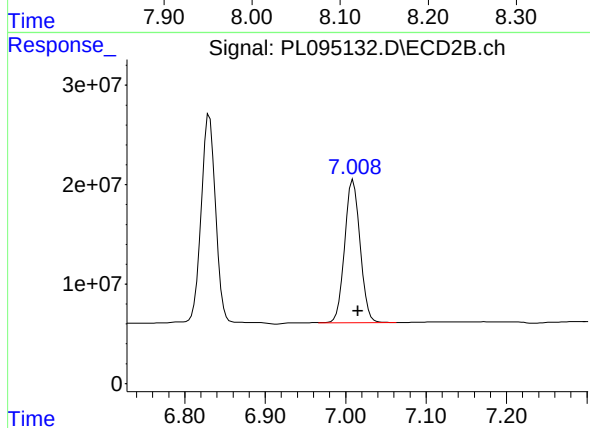
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 259605629
Conc: 54.40 ng/ml m



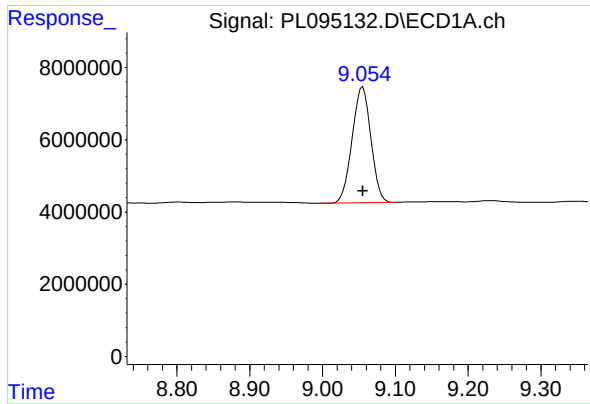
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 99257359
Conc: 48.04 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 191545558
Conc: 50.47 ng/ml m



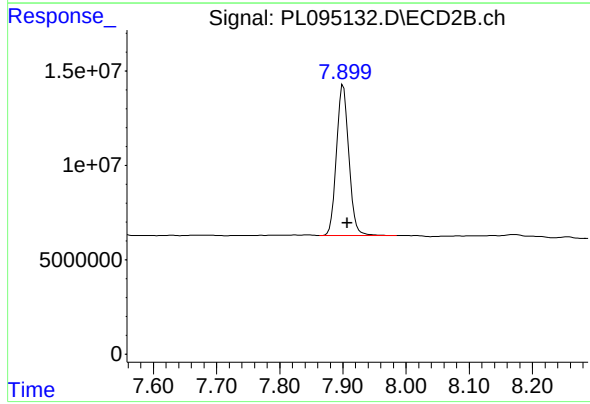
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 57477722
Conc: 27.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167523BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.006 min
Response: 108410649
Conc: 26.84 ng/ml