

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
 Data File : PL095032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 13:07
 Operator : AR\AJ
 Sample : PB167435BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167435BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 02:35:23 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...	3.541	2.768	50749944	65940314	17.929	18.474
28) SA Decachlor...	9.055	7.902	44726238	80196026	21.223	19.854
Target Compounds						
2) A alpha-BHC	3.997	3.271	192.2E6	281.6E6	46.291	52.231
3) MA gamma-BHC...	4.328	3.600	184.0E6	259.2E6	46.119m	50.432
4) MA Heptachlor	4.917	3.938	179.5E6	256.1E6	46.255	48.602
5) MB Aldrin	5.259	4.217	171.9E6	235.1E6	46.547	48.206
6) B beta-BHC	4.529	3.901	83110656	112.6E6	45.041	50.677
7) B delta-BHC	4.776	4.129	188.1E6	244.9E6	48.312	48.956
8) B Heptachlo...	5.685	4.720	157.1E6	225.4E6	46.976	49.236
9) A Endosulfan I	6.071	5.089	151.2E6	219.5E6	49.243	50.015
10) B gamma-Chl...	5.942	4.969	163.2E6	238.7E6	48.443	49.437
11) B alpha-Chl...	6.021	5.033	162.1E6	234.9E6	49.155	49.219
12) B 4,4'-DDE	6.194	5.222	161.1E6	240.6E6	54.762	51.764
13) MA Dieldrin	6.346	5.353	160.7E6	243.2E6	50.258	50.133
14) MA Endrin	6.575	5.628	136.0E6	222.2E6	49.058m	50.931m
15) B Endosulfa...	6.796	5.924	138.5E6	221.5E6	51.029	51.177
16) A 4,4'-DDD	6.712	5.777	124.4E6	200.3E6	57.434	55.705
17) MA 4,4'-DDT	7.025	6.026	131.9E6	218.0E6	55.454	54.059
18) B Endrin al...	6.927	6.103	108.2E6	172.7E6	51.249	51.304
19) B Endosulfa...	7.161	6.326	123.0E6	212.1E6	50.564	52.063
20) A Methoxychlor	7.501	6.602	67566825	116.8E6	56.443	55.077
21) B Endrin ke...	7.645	6.831	136.9E6	259.0E6	51.796	54.269
22) Mirex	8.117	7.010	99782256	192.6E6	48.291	50.748

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
Data File : PL095032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2025 13:07
Operator : AR\AJ
Sample : PB167435BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167435BS

Manual Integrations

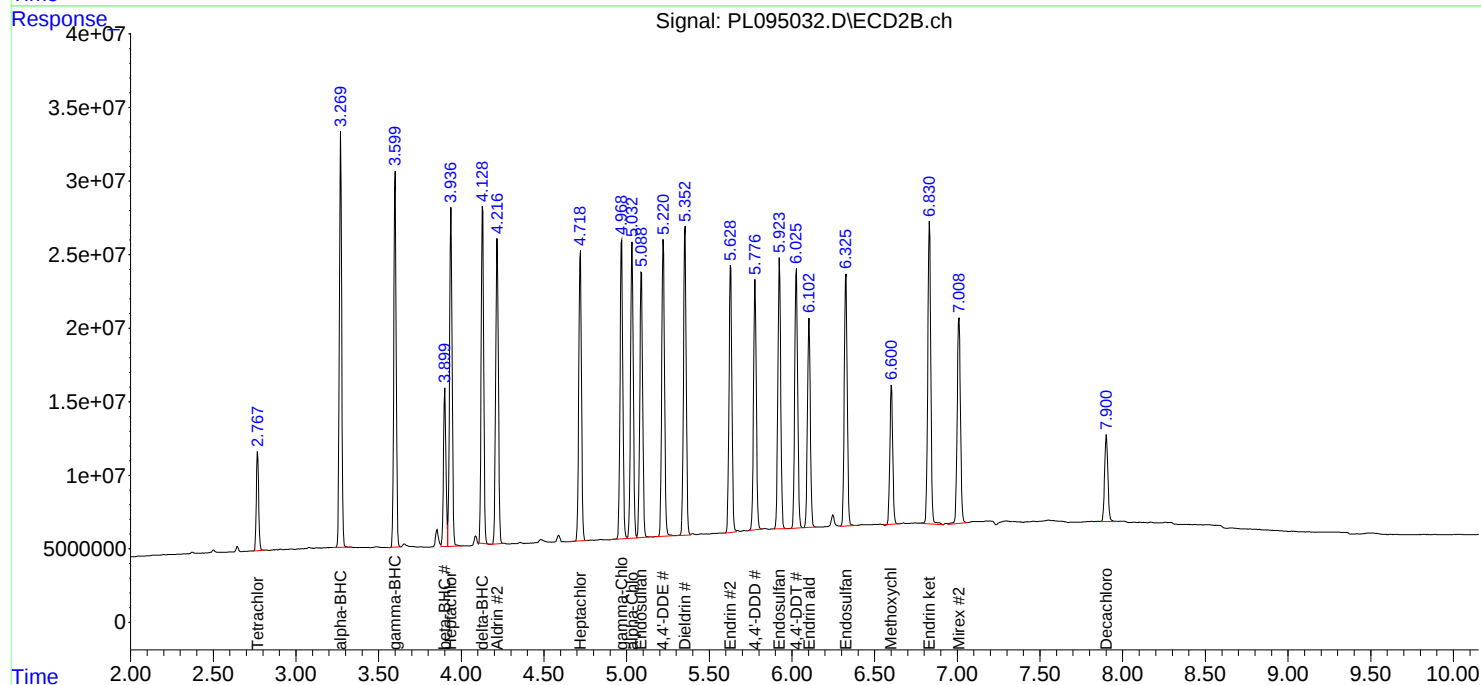
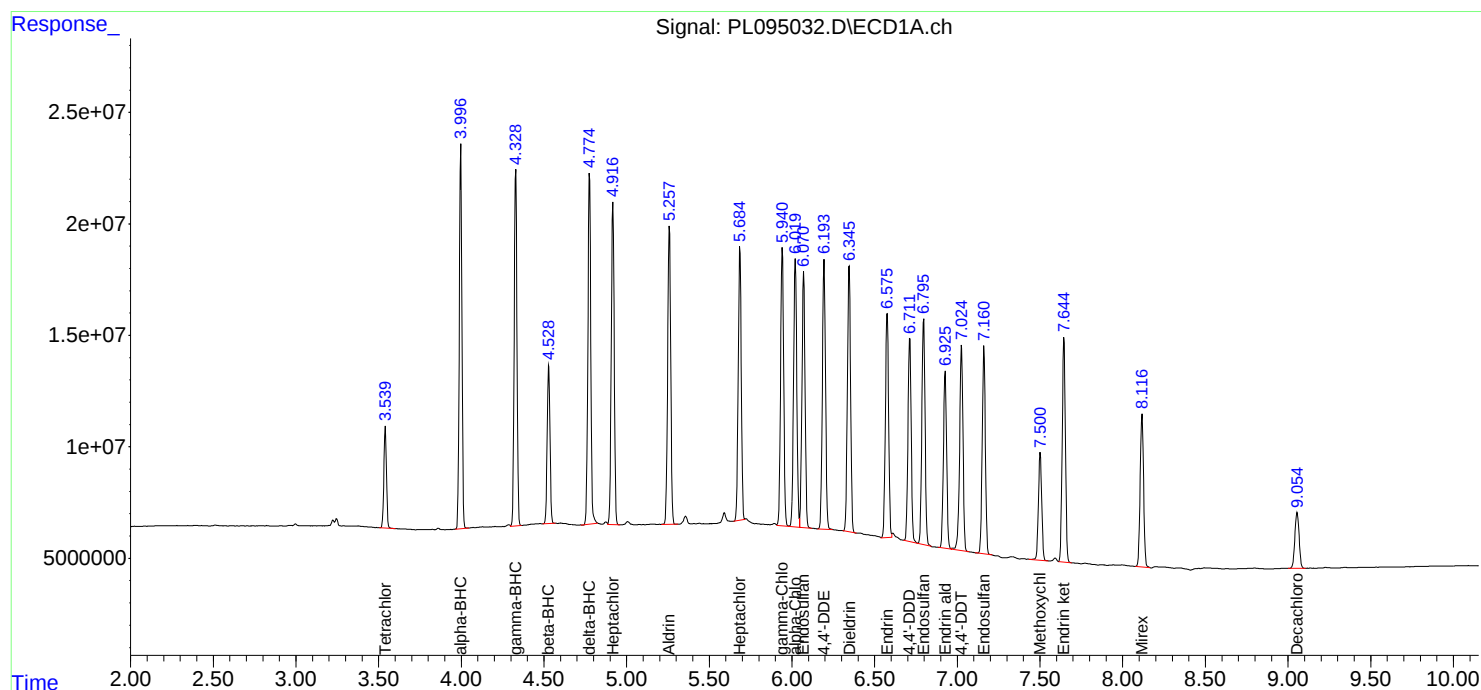
APPROVED

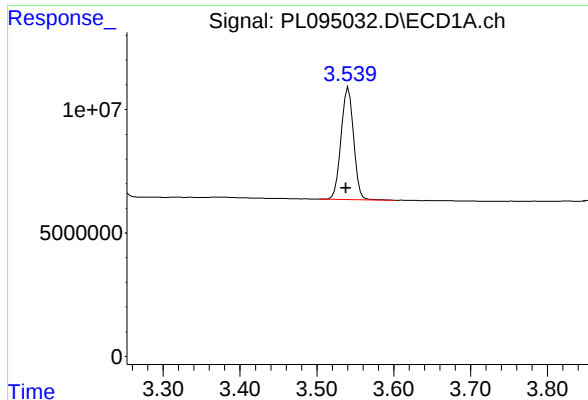
Reviewed By :Abdul Mirza 04/04/2025

Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 02:35:23 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





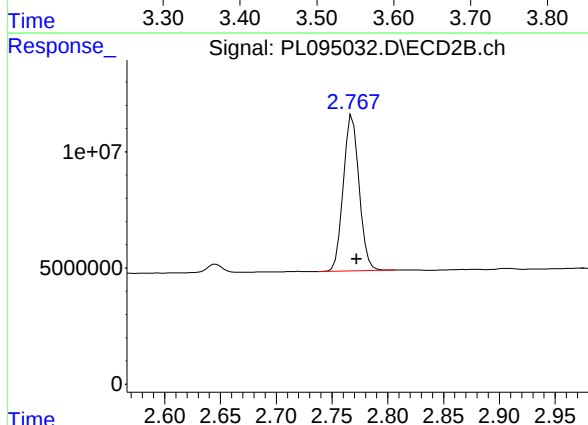
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 50749944
Conc: 17.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

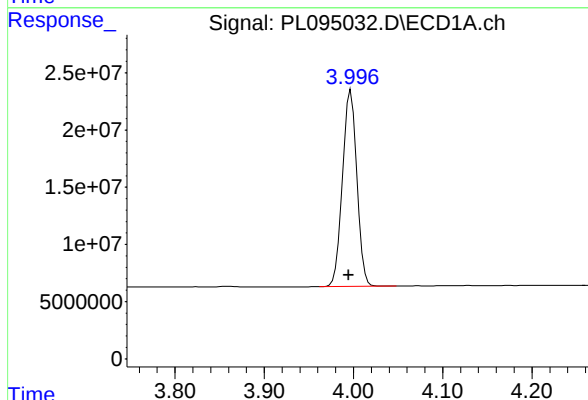
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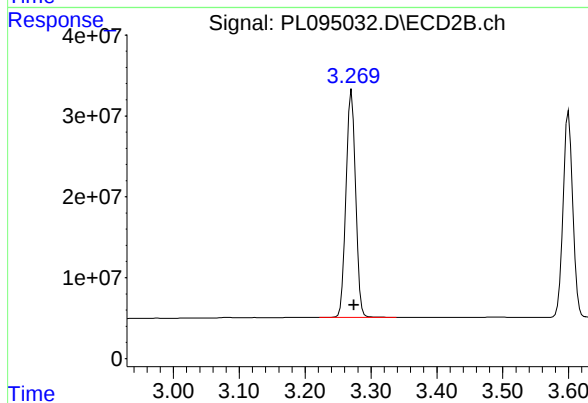
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 65940314
Conc: 18.47 ng/ml



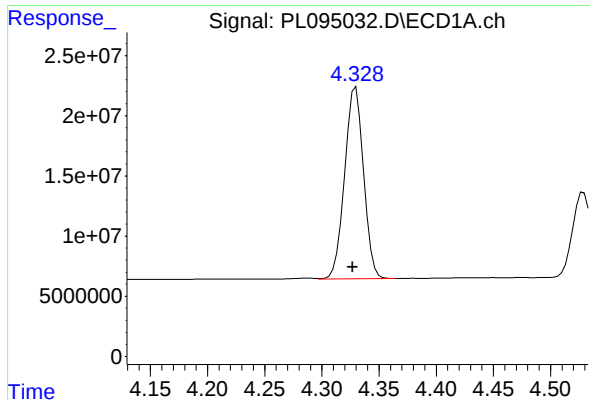
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 192214094
Conc: 46.29 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 281595866
Conc: 52.23 ng/ml



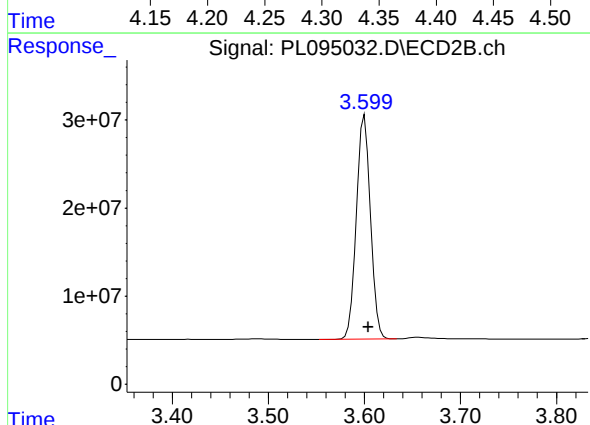
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.001 min
Response: 184029244
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

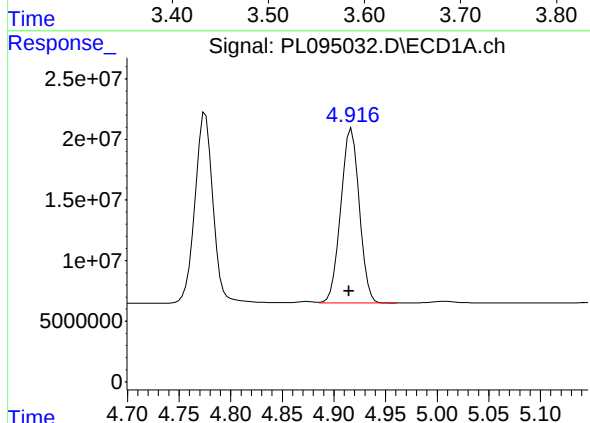
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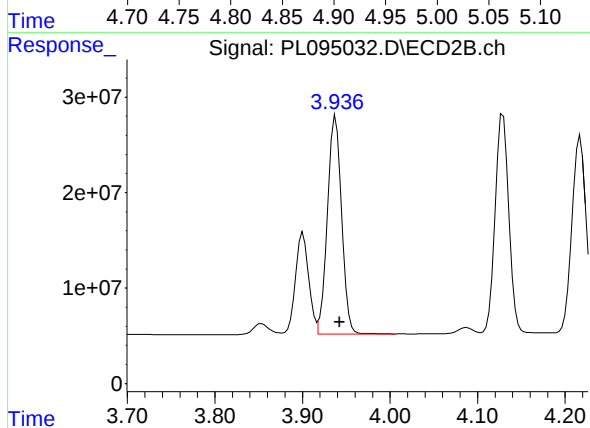
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 259194154
Conc: 50.43 ng/ml



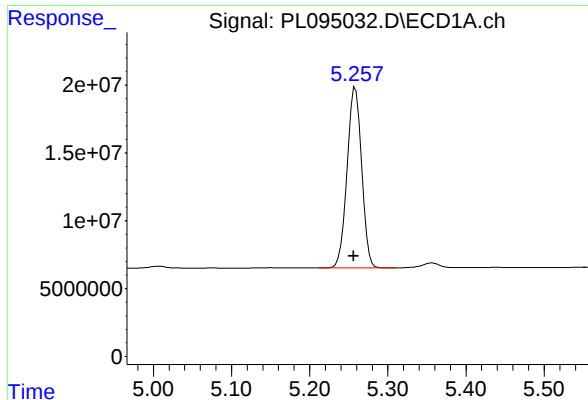
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.002 min
Response: 179543008
Conc: 46.25 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 256068118
Conc: 48.60 ng/ml



#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 171860517
Conc: 46.55 ng/ml

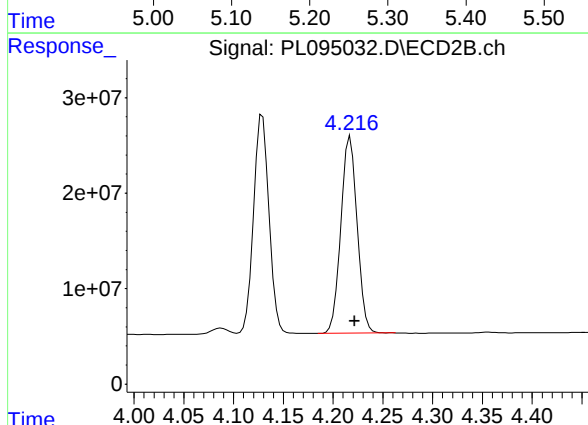
Instrument :

ECD_L

ClientSampleId :
PB167435BS

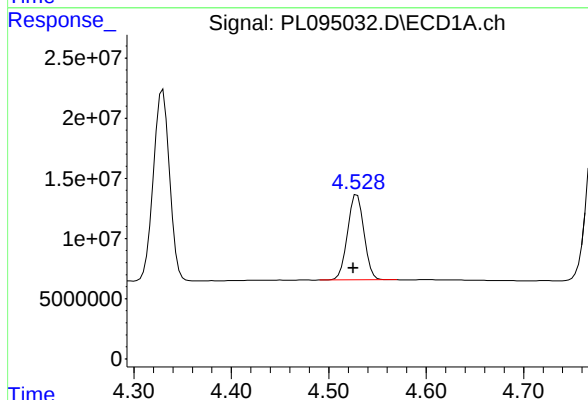
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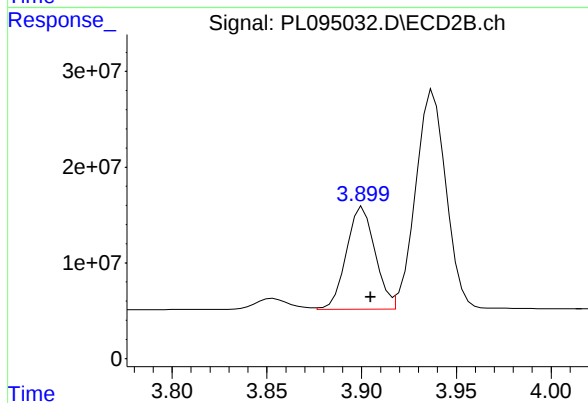
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 235071391
Conc: 48.21 ng/ml



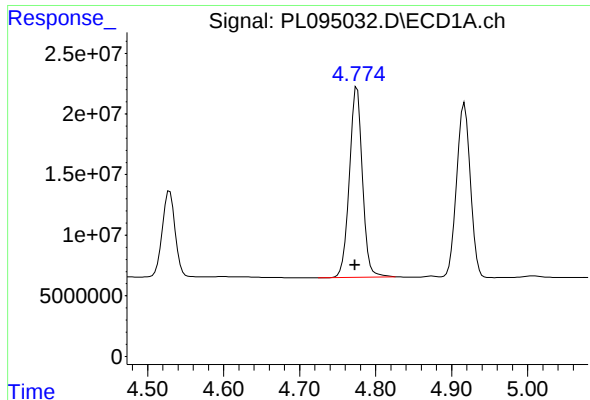
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 83110656
Conc: 45.04 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 112567448
Conc: 50.68 ng/ml



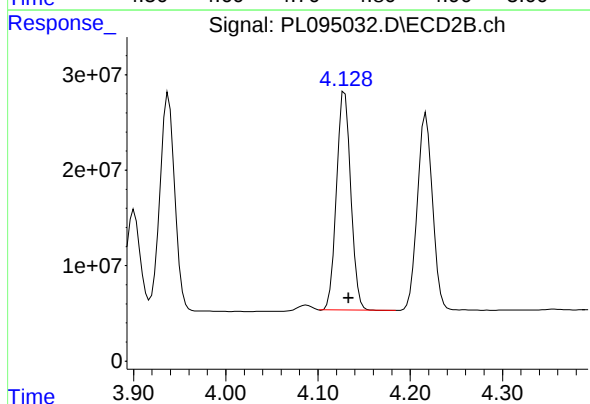
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.003 min
Response: 188143228
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

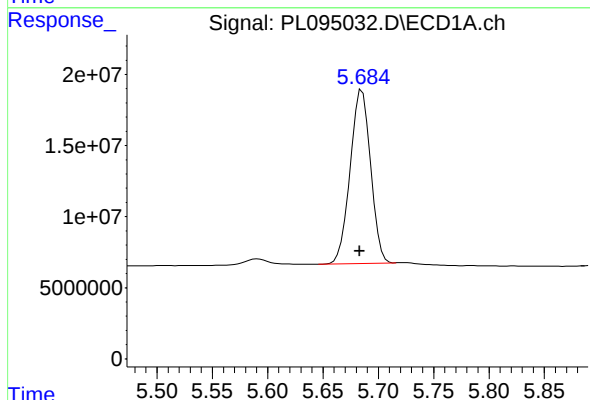
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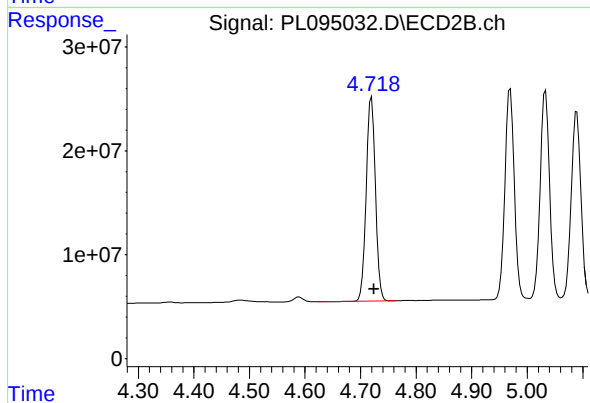
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 244876544
Conc: 48.96 ng/ml



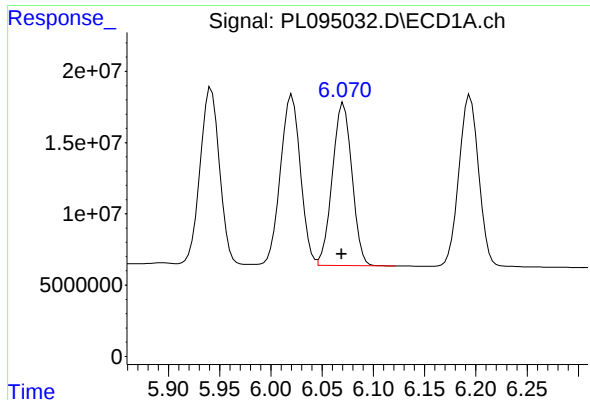
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 157143523
Conc: 46.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 225429238
Conc: 49.24 ng/ml



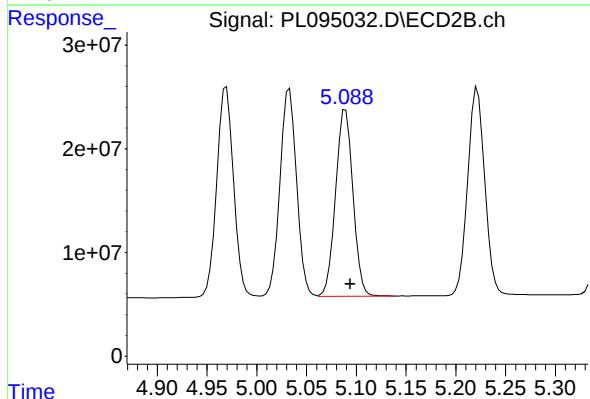
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 151187093
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

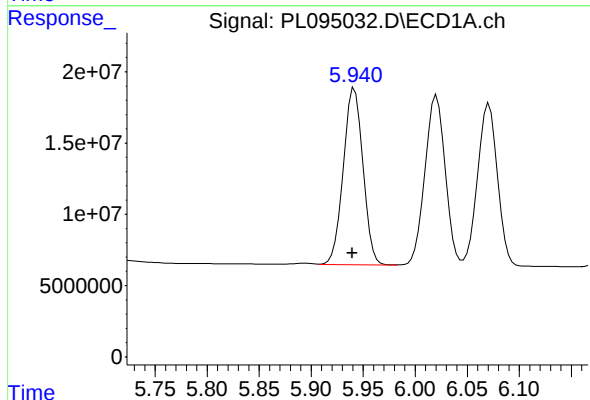
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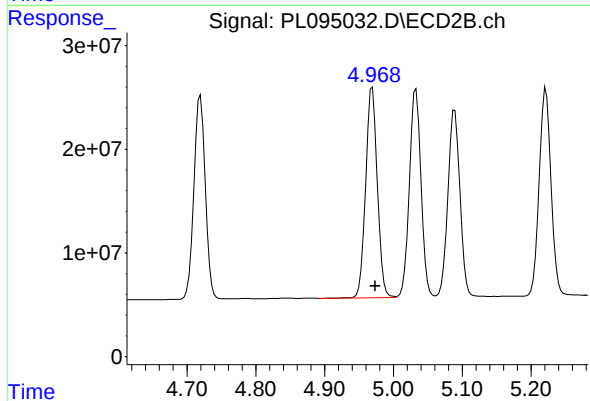
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 219503041
Conc: 50.02 ng/ml



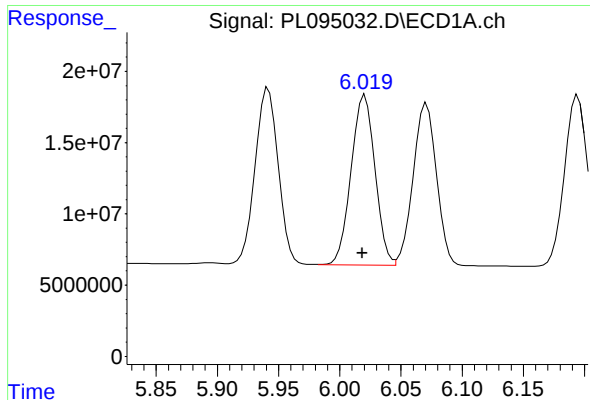
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 163223092
Conc: 48.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 238703875
Conc: 49.44 ng/ml



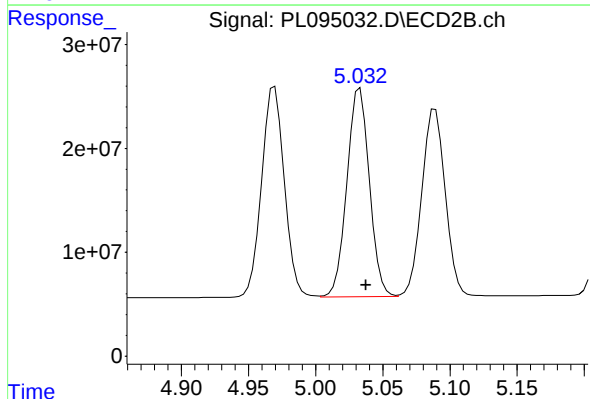
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 162054799
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

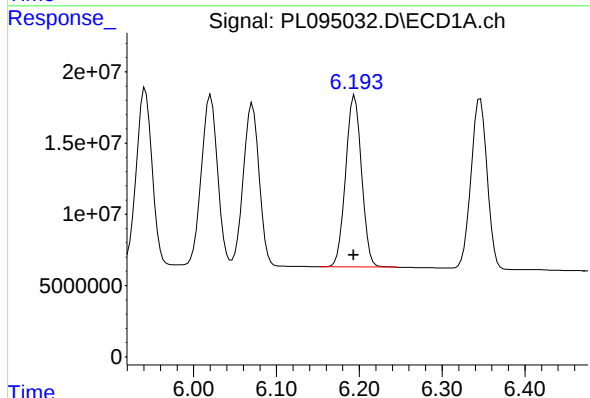
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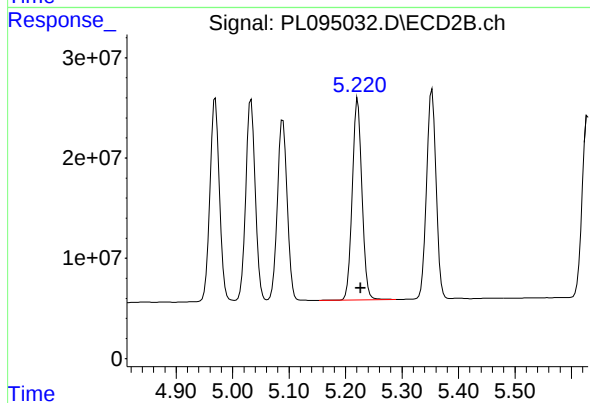
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 234909132
Conc: 49.22 ng/ml



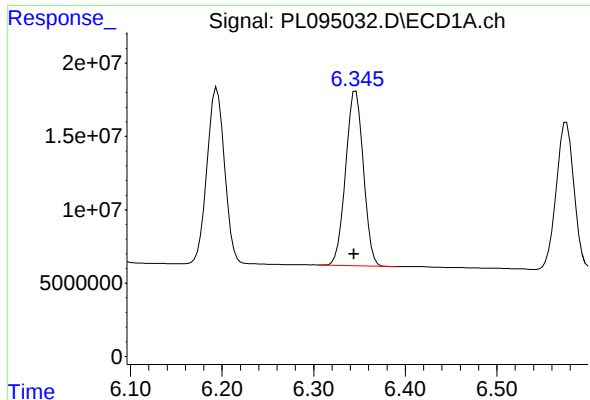
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 161111890
Conc: 54.76 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 240625573
Conc: 51.76 ng/ml



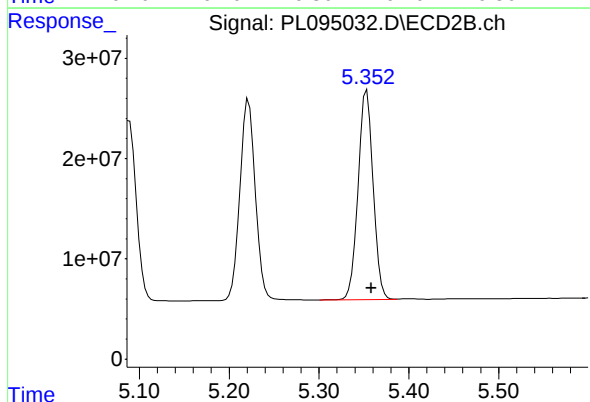
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 160731749
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

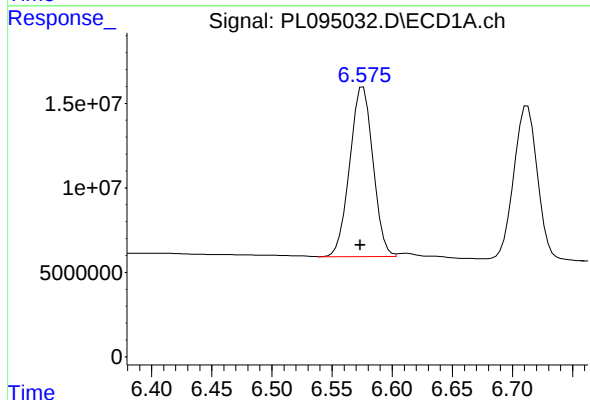
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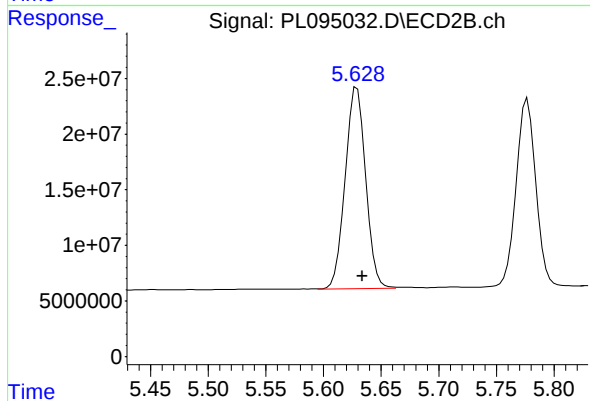
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 243235404
Conc: 50.13 ng/ml



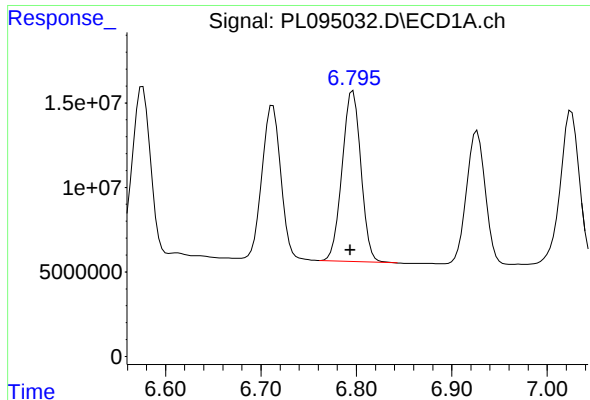
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 135992164
Conc: 49.06 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.006 min
Response: 222245443
Conc: 50.93 ng/ml m



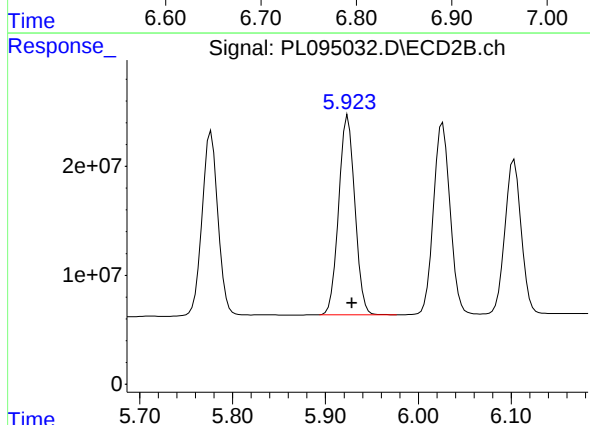
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.003 min
Response: 138529849
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

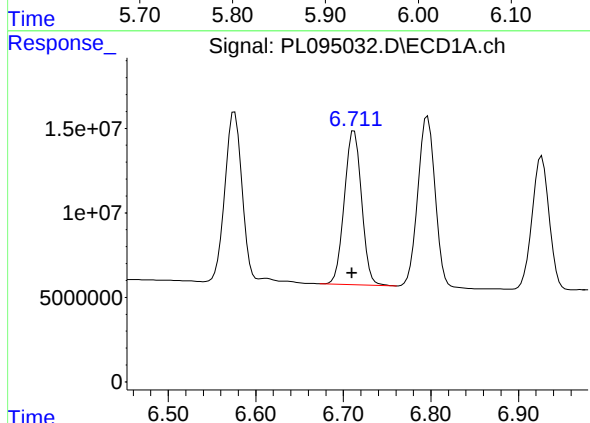
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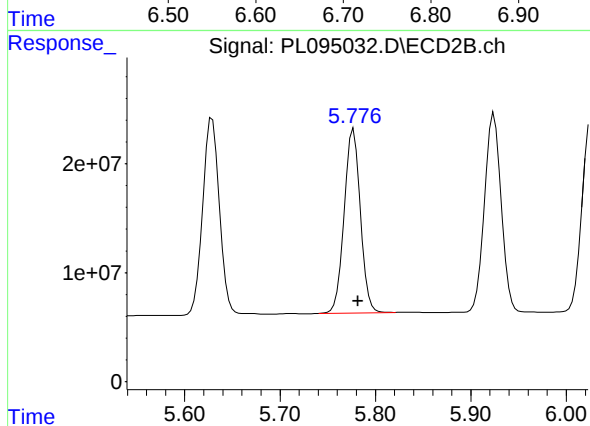
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 221505984
Conc: 51.18 ng/ml



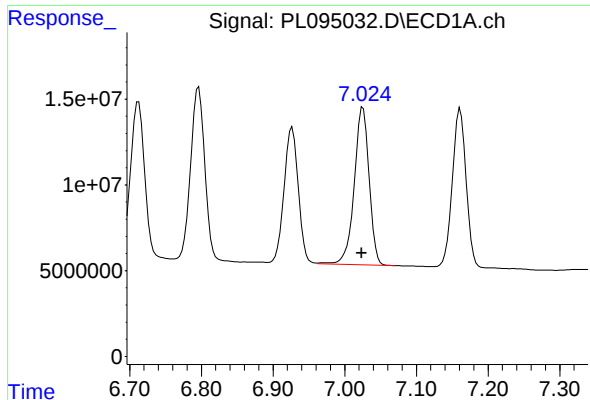
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 124404853
Conc: 57.43 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 200309287
Conc: 55.71 ng/ml



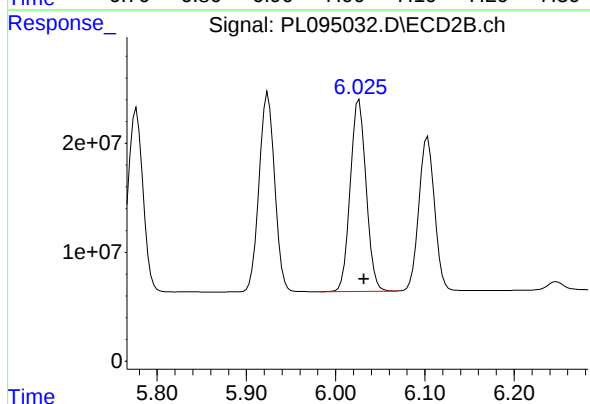
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 131899660
Conc: 55.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

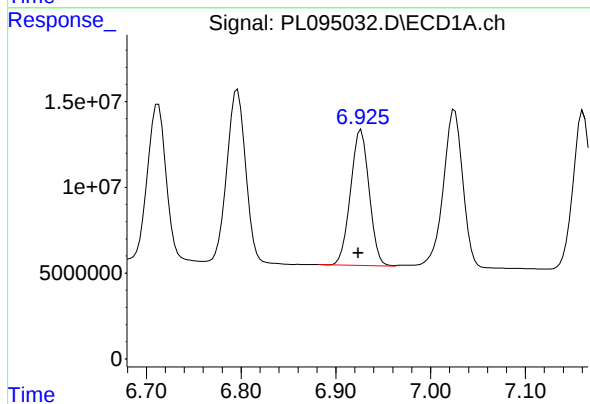
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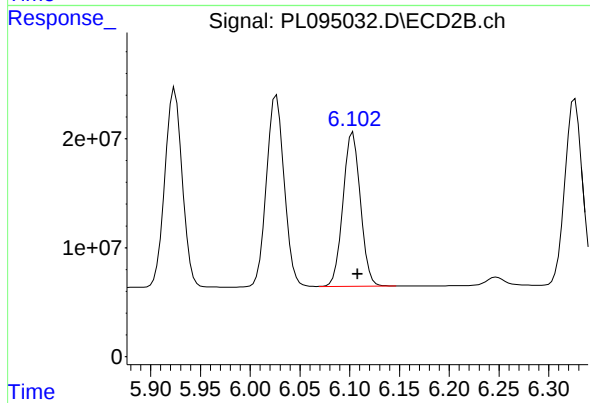
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 217970210
Conc: 54.06 ng/ml



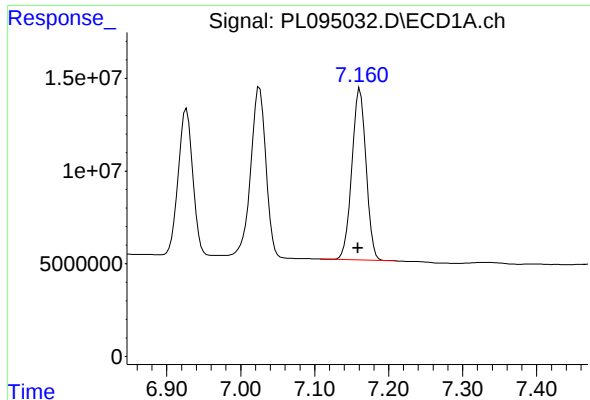
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 108185084
Conc: 51.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 172657363
Conc: 51.30 ng/ml



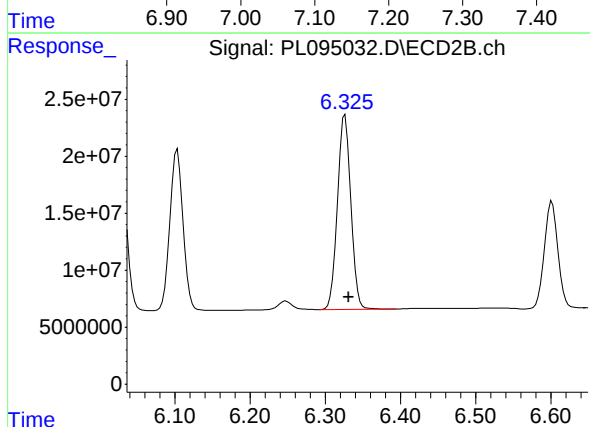
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 122972351
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

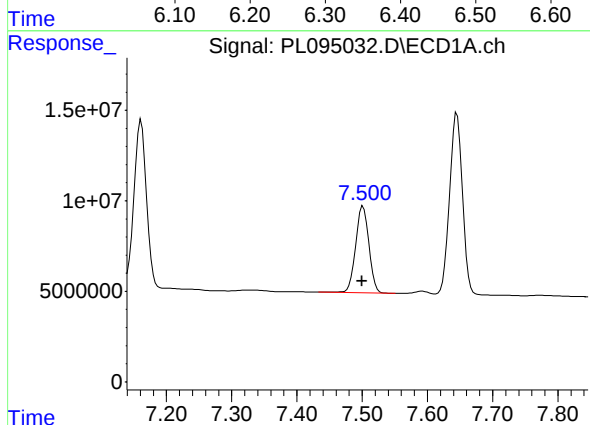
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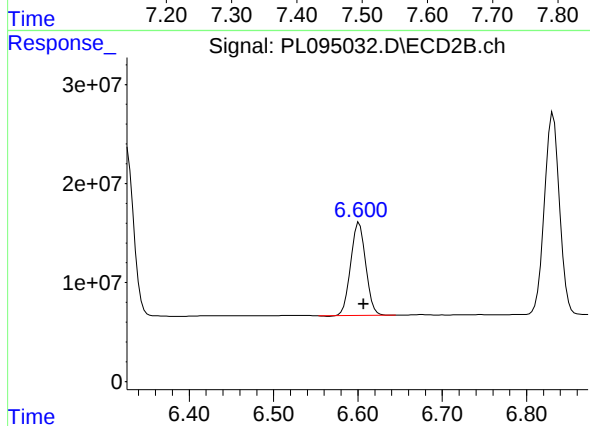
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 212076995
Conc: 52.06 ng/ml



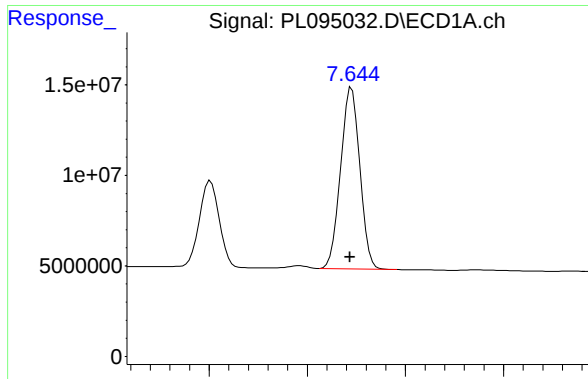
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 67566825
Conc: 56.44 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 116821963
Conc: 55.08 ng/ml



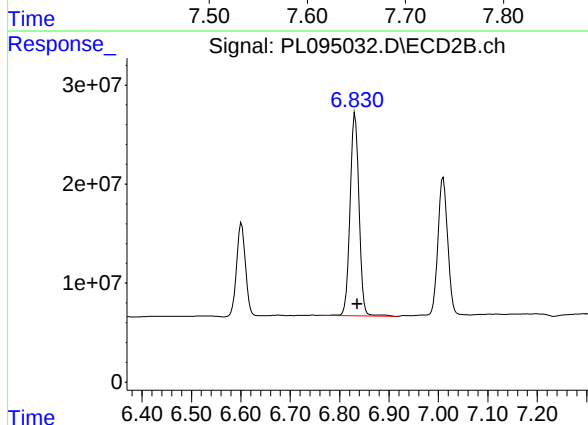
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 136910166
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

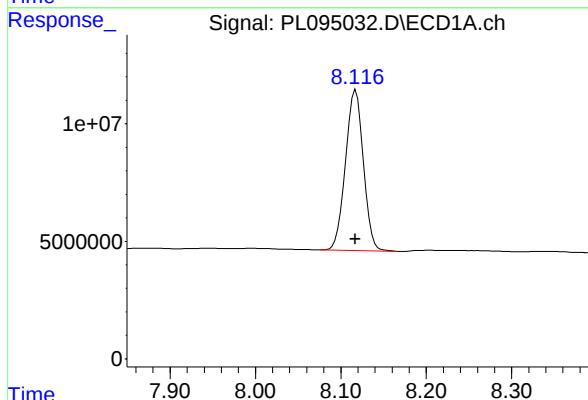
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025



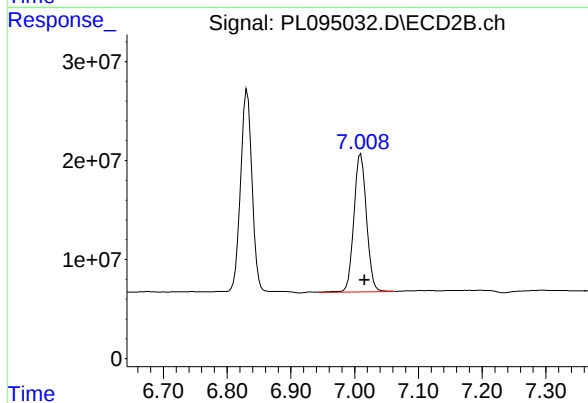
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 259001147
Conc: 54.27 ng/ml



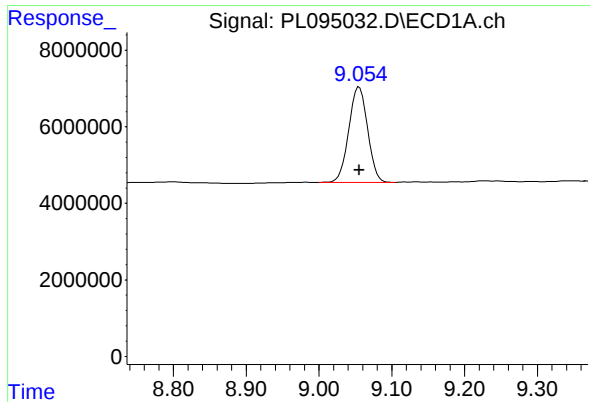
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 99782256
Conc: 48.29 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 192605056
Conc: 50.75 ng/ml



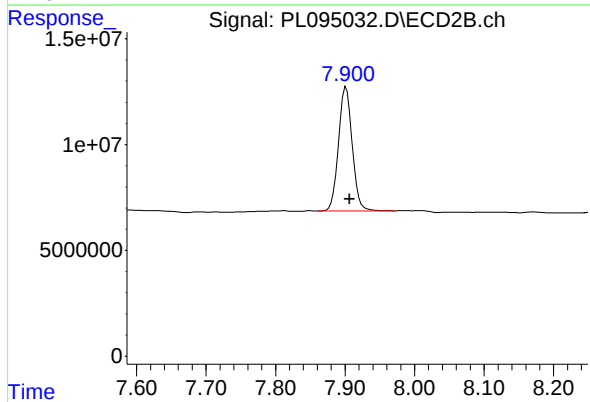
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 44726238
Conc: 21.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167435BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 80196026
Conc: 19.85 ng/ml