

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 17:42
 Operator : AR\AJ
 Sample : Q1630-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-206MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/26/2025
 Supervised By : mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 02:16:31 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...	3.535	2.769	45012866	58073737	15.902m	16.270m
28) SA Decachlor...	9.052	7.903	31981437	55771448	15.175	13.807
Target Compounds						
2) A alpha-BHC	3.992	3.271	170.4E6	243.5E6	41.032	45.159m
3) MA gamma-BHC...	4.324	3.601	195.4E6	224.0E6	48.976m	43.592m
4) MA Heptachlor	4.913	3.938	161.6E6	231.1E6	41.622	43.857m
5) MB Aldrin	5.254	4.219	156.8E6	227.0E6	42.457	46.549
6) B beta-BHC	4.524	3.901	68891166	105.1E6	37.335m	47.297m#
7) B delta-BHC	4.769	4.129	134.4E6	170.9E6	34.499m	34.158m
8) B Heptachlo...	5.682	4.720	143.2E6	217.8E6	42.820	47.568m
9) A Endosulfan I	6.065	5.091	132.3E6	147.9E6	43.083m	33.711m
10) B gamma-Chl...	5.936	4.970	150.6E6	232.7E6	44.695m	48.187m
11) B alpha-Chl...	6.015	5.033	151.8E6	226.9E6	46.030m	47.538m
12) B 4,4'-DDE	6.189	5.222	114.2E6	231.1E6	38.827m	49.715m#
13) MA Dieldrin	6.342	5.353	143.0E6	218.8E6	44.717	45.097m
14) MA Endrin	6.572	5.629	123.5E6	208.0E6	44.566	47.666m
15) B Endosulfa...	6.792	5.925	125.6E6	203.0E6	46.276	46.900
16) A 4,4'-DDD	6.707	5.776	112.3E6	168.5E6	51.825m	46.864m
17) MA 4,4'-DDT	7.022	6.028	113.6E6	192.4E6	47.764	47.712
18) B Endrin al...	6.923	6.105	90002757	146.5E6	42.635	43.530
19) B Endosulfa...	7.157	6.327	110.2E6	190.1E6	45.308	46.678
20) A Methoxychlor	7.499	6.603	58855634	104.9E6	49.166	49.439
21) B Endrin ke...	7.641	6.831	144.1E6	217.6E6	54.515m	45.584m
22) Mirex	8.115	7.011	91407204	169.3E6	44.237	44.618m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 17:42
Operator : AR\AJ
Sample : Q1630-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

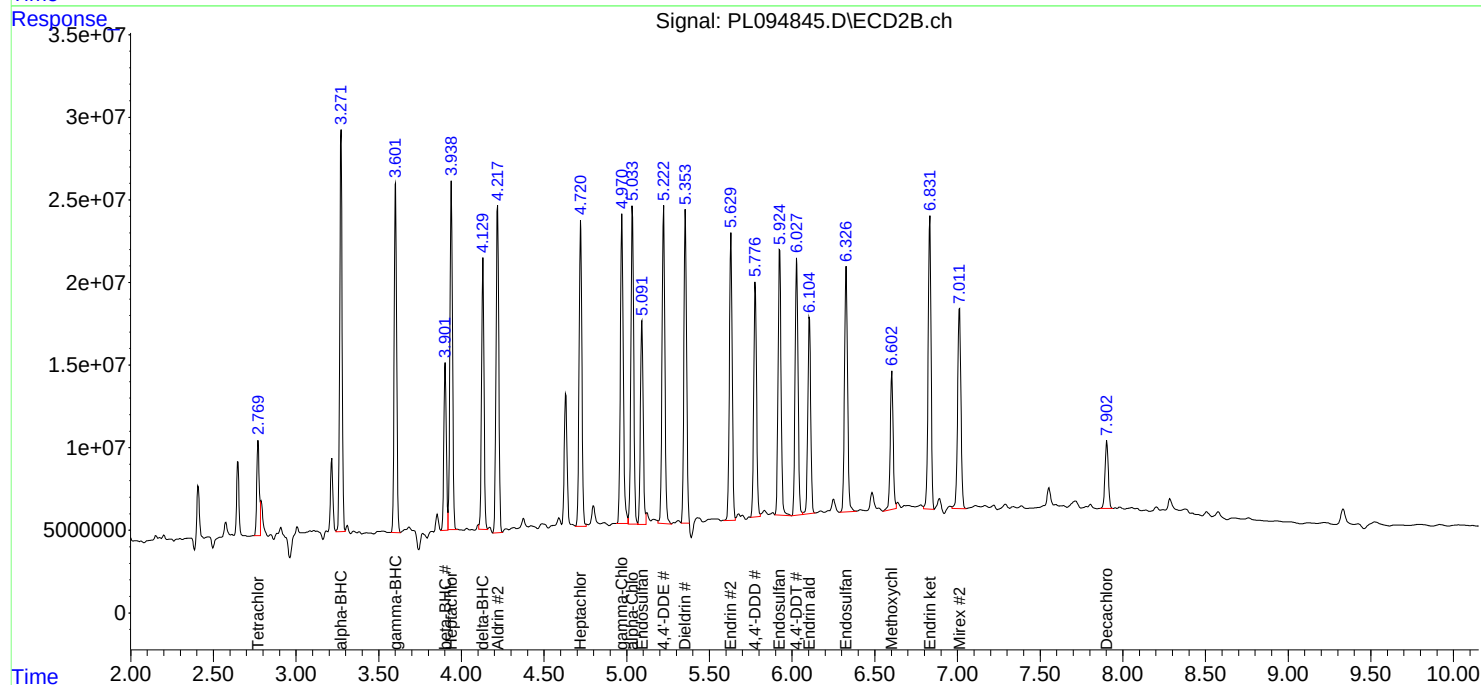
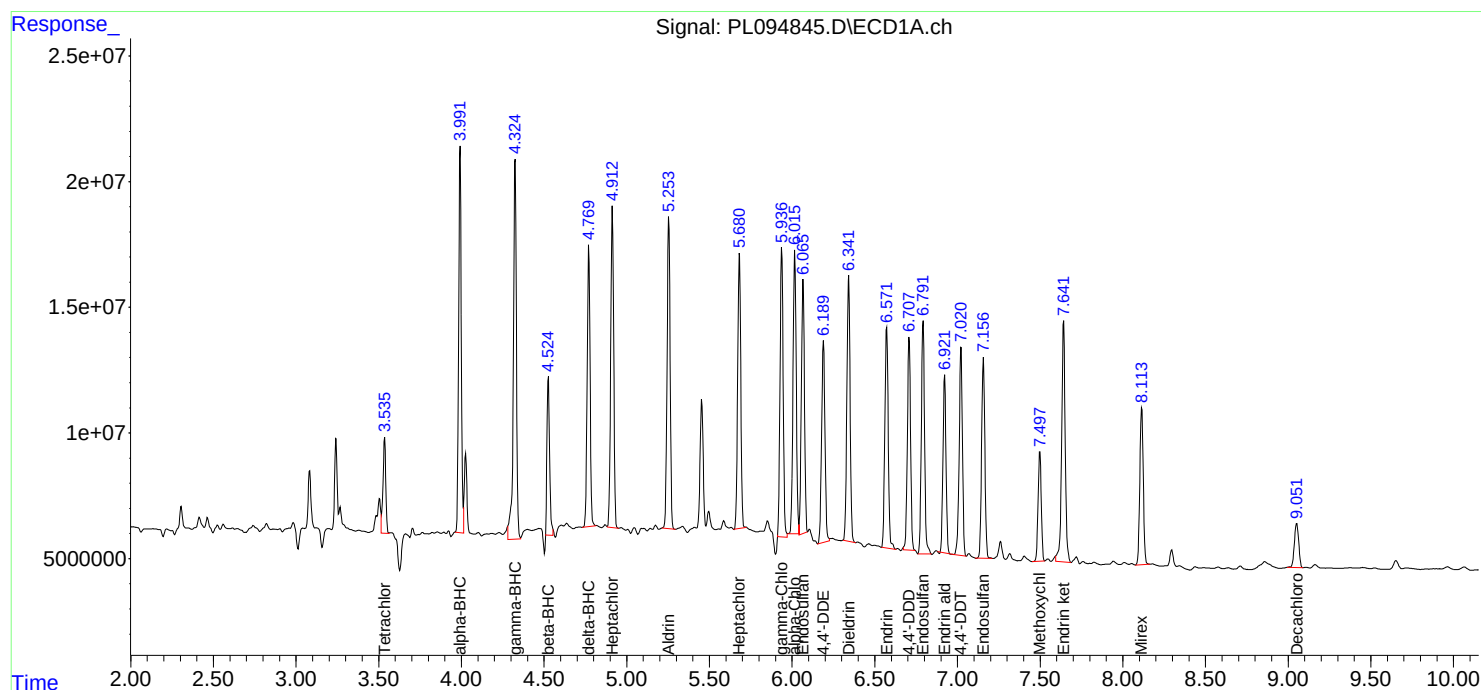
Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

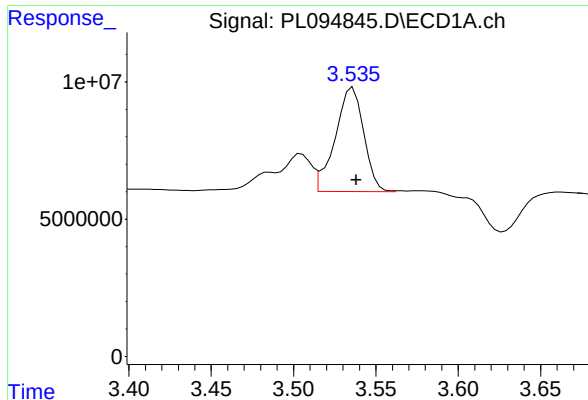
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 02:16:31 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





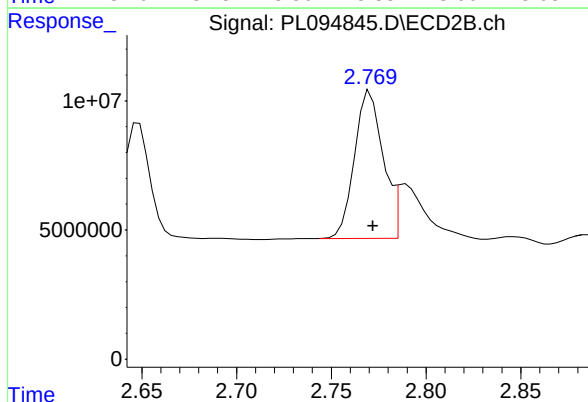
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 45012866
Conc: 15.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

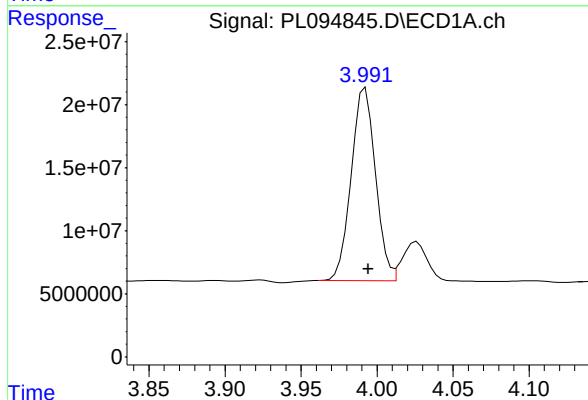
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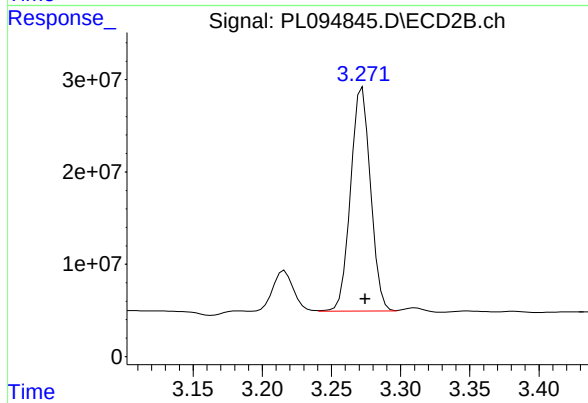
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 58073737
Conc: 16.27 ng/ml m



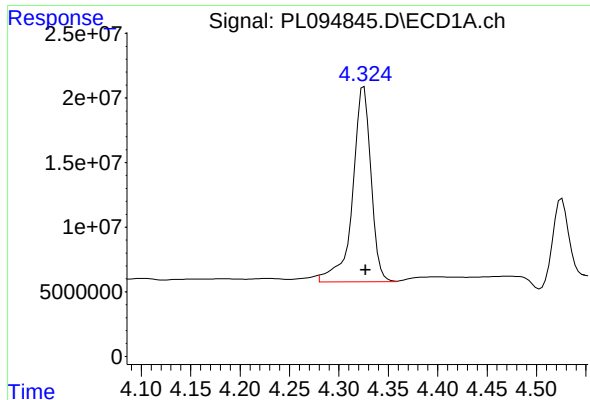
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 170380005
Conc: 41.03 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 243466825
Conc: 45.16 ng/ml m



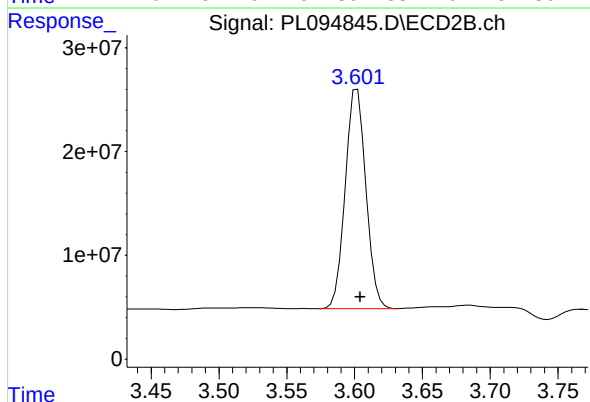
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 195428451
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

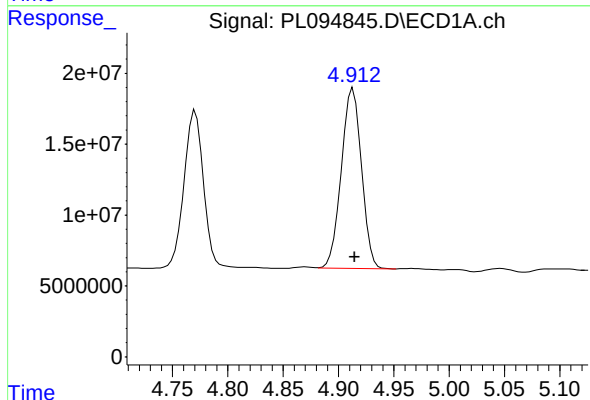
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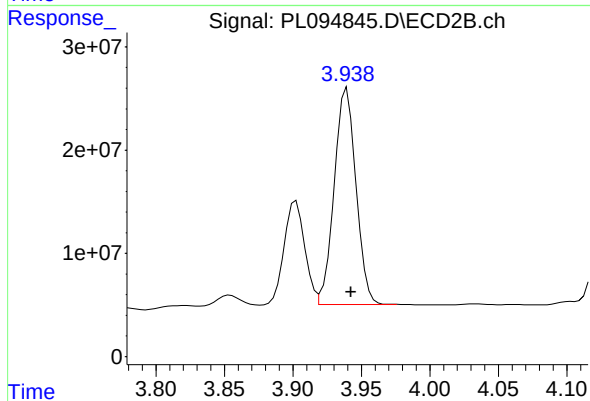
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 224038050
Conc: 43.59 ng/ml



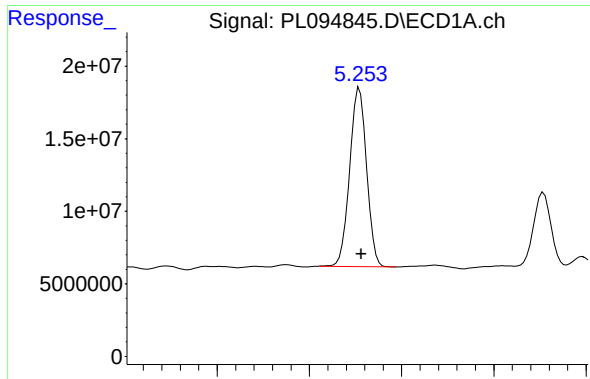
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 161562343
Conc: 41.62 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 231066721
Conc: 43.86 ng/ml



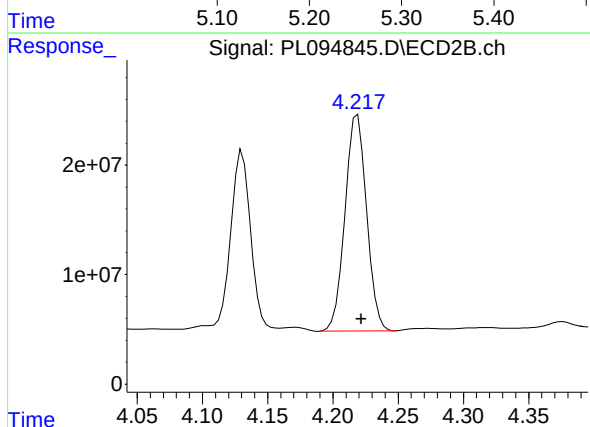
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 156760470
Conc: 42.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

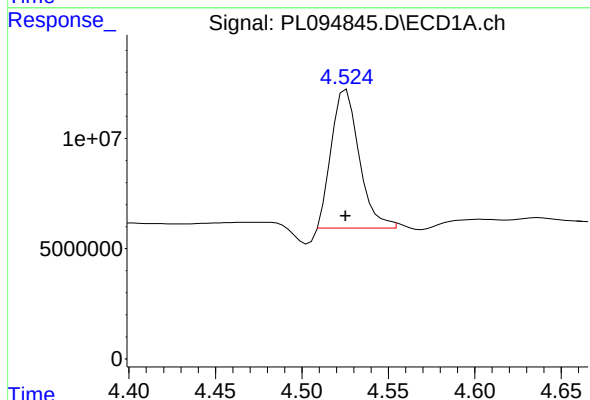
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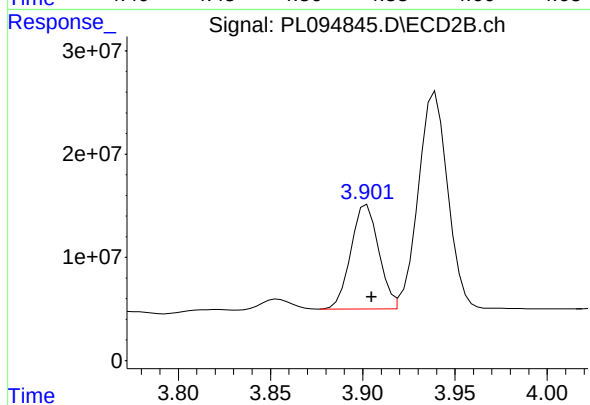
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 226987353
Conc: 46.55 ng/ml



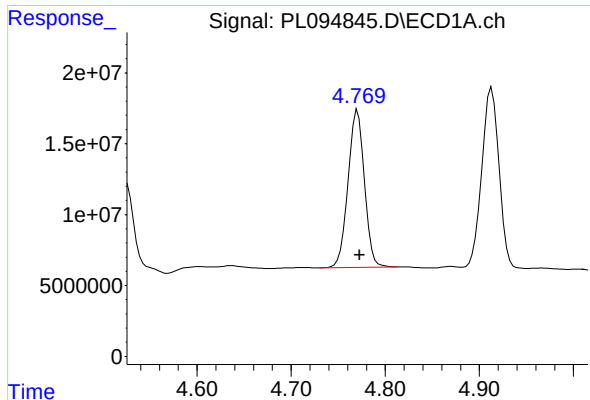
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 68891166
Conc: 37.33 ng/ml m



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 105060719
Conc: 47.30 ng/ml m



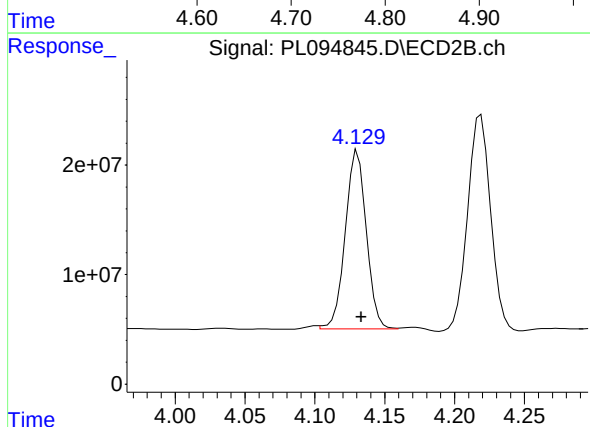
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 134351557
Conc: 34.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

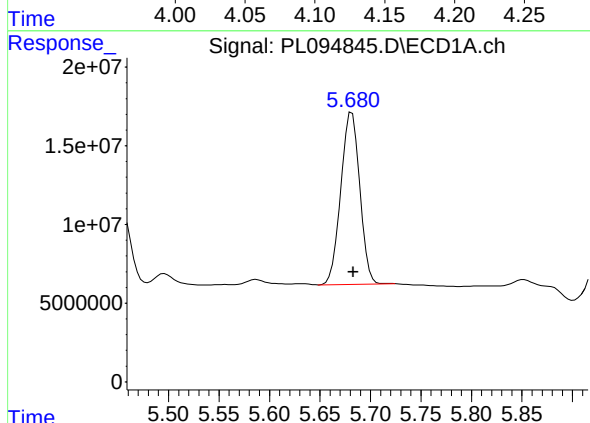
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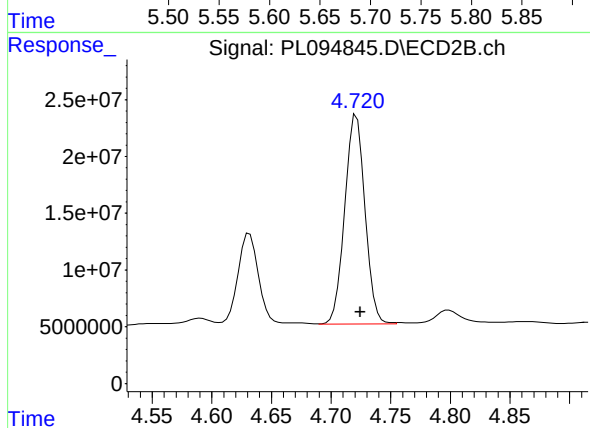
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 170858542
Conc: 34.16 ng/ml



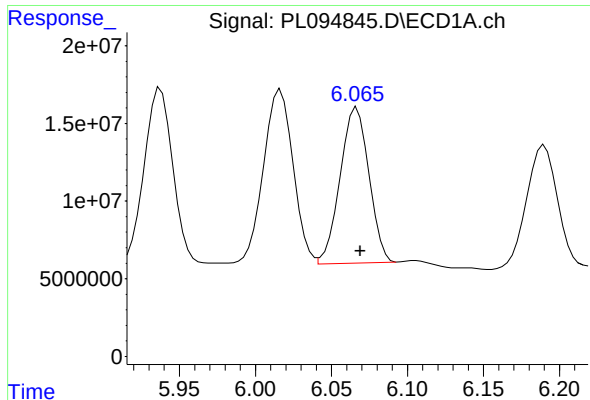
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 143240552
Conc: 42.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 217795700
Conc: 47.57 ng/ml



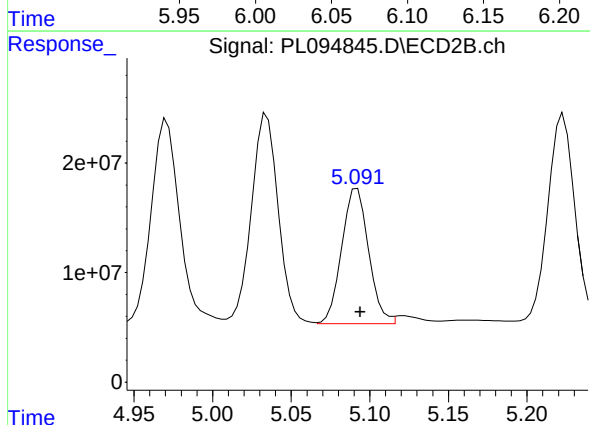
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 132275017
Conc: 43.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

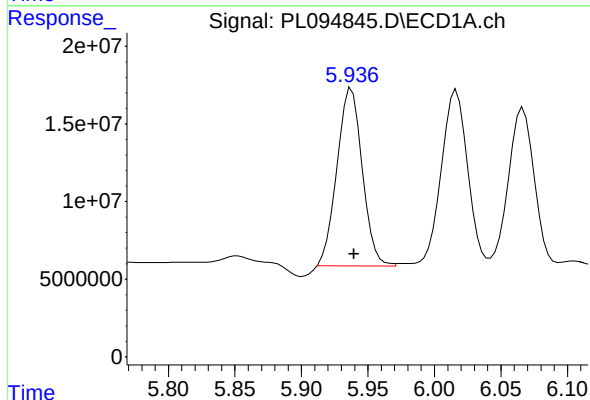
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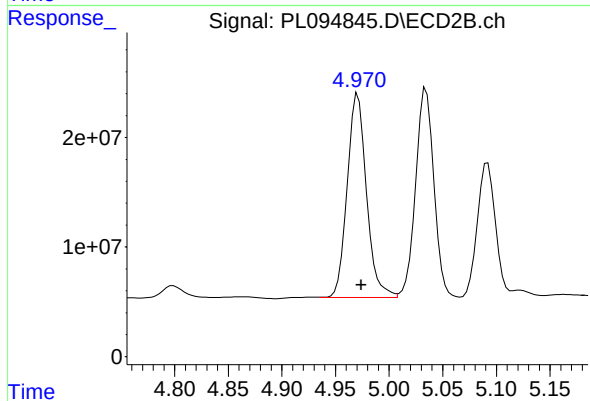
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 147947981
Conc: 33.71 ng/ml



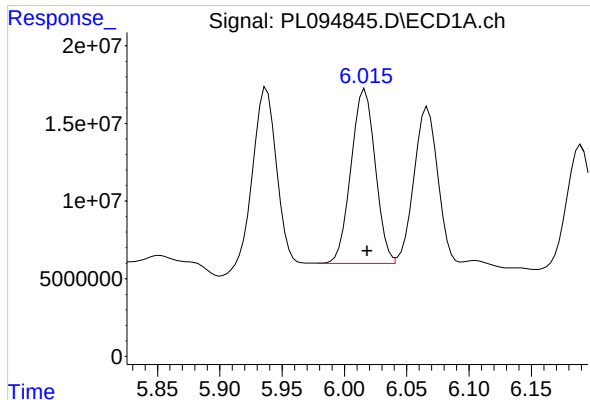
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 150593920
Conc: 44.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 232668211
Conc: 48.19 ng/ml



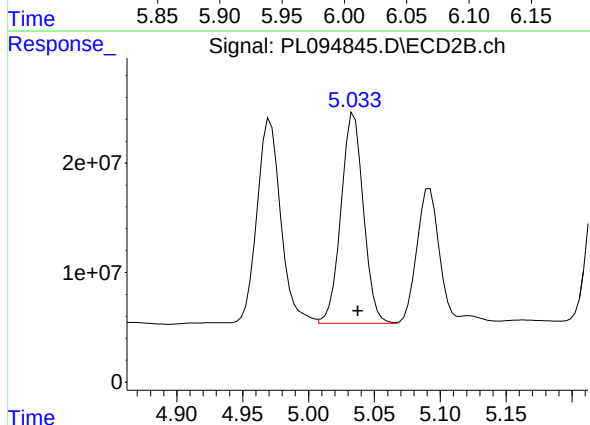
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 151752892
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

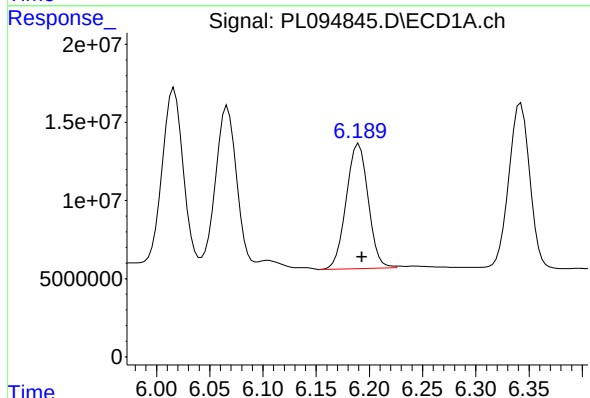
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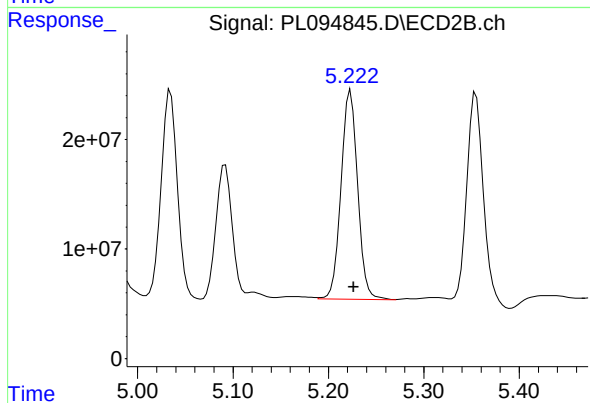
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 226887203
Conc: 47.54 ng/ml



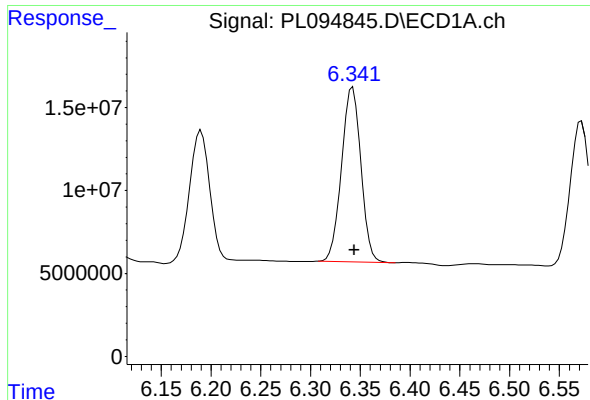
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 114231734
Conc: 38.83 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 231100257
Conc: 49.71 ng/ml



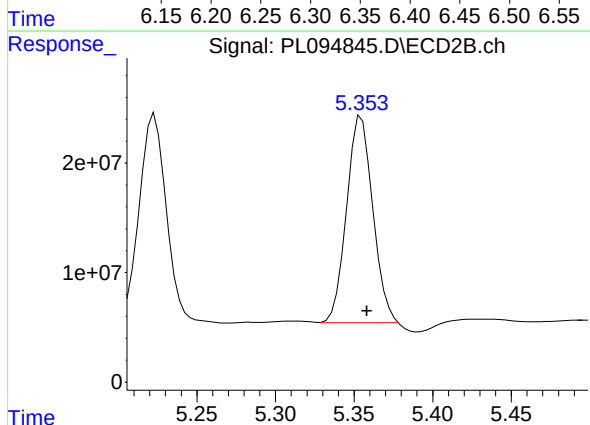
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 143009766
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

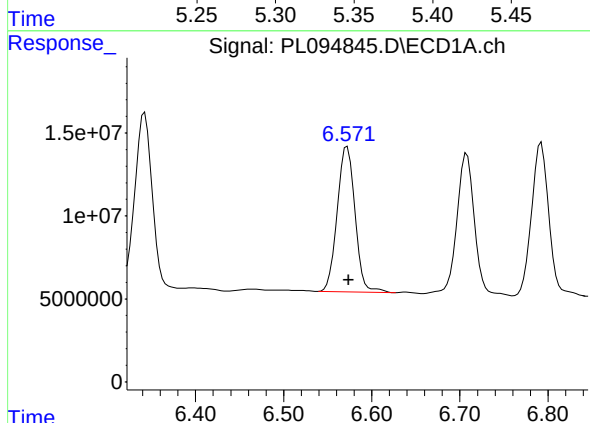
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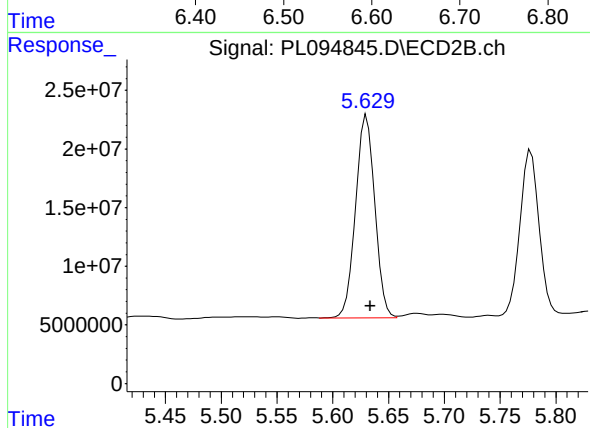
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 218801977
Conc: 45.10 ng/ml



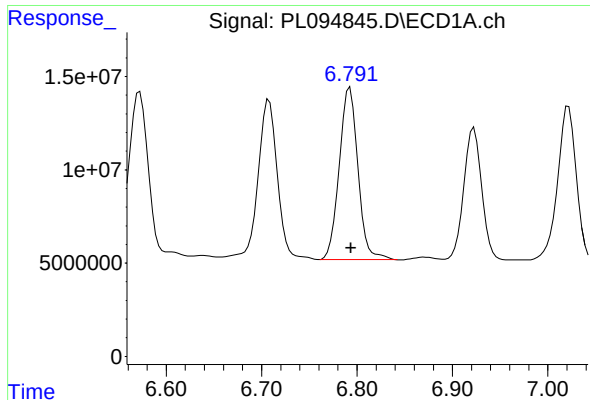
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 123539982
Conc: 44.57 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 207997921
Conc: 47.67 ng/ml



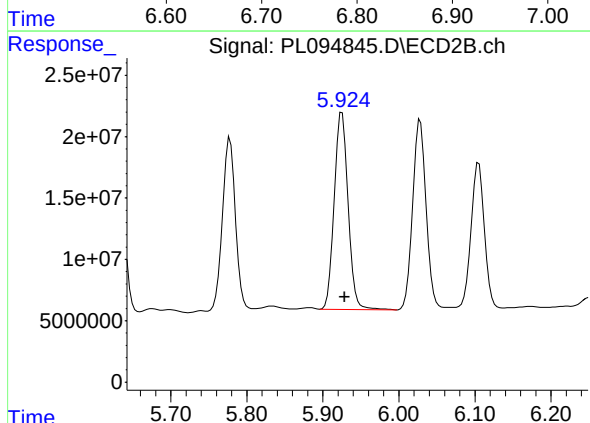
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 125626323
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

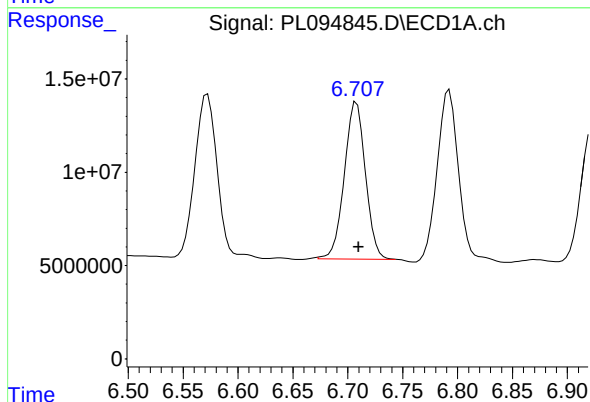
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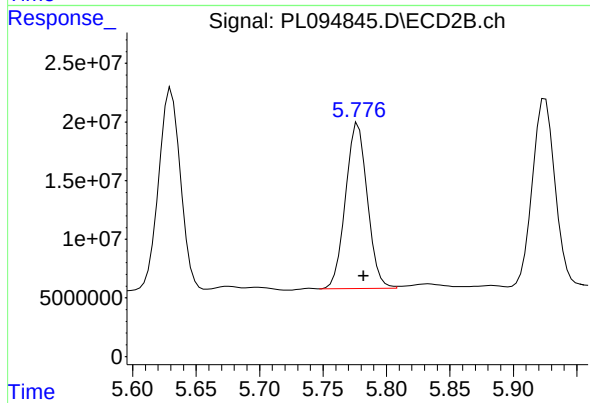
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 202994034
Conc: 46.90 ng/ml



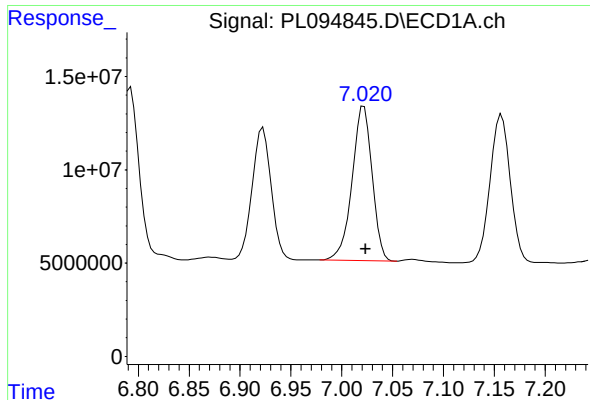
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 112255794
Conc: 51.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 168518642
Conc: 46.86 ng/ml m



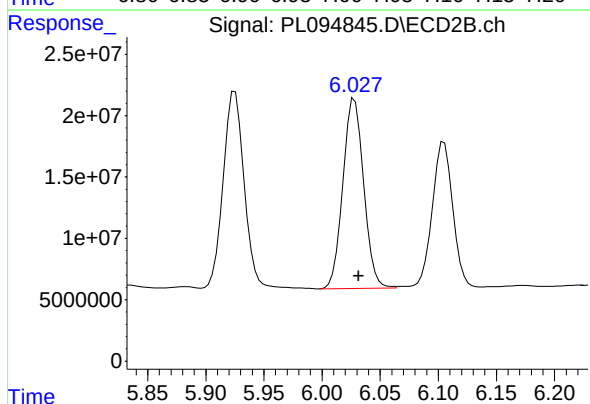
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 113607429
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

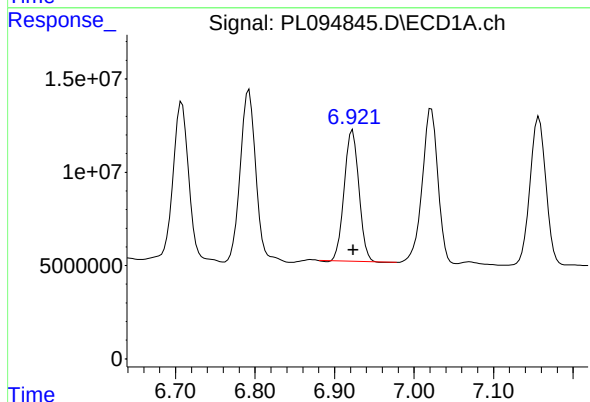
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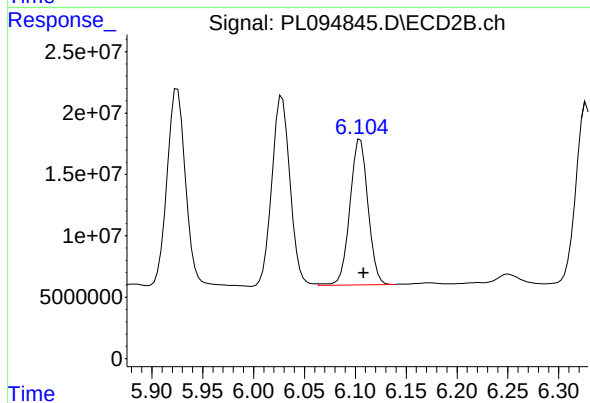
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 192378972
Conc: 47.71 ng/ml



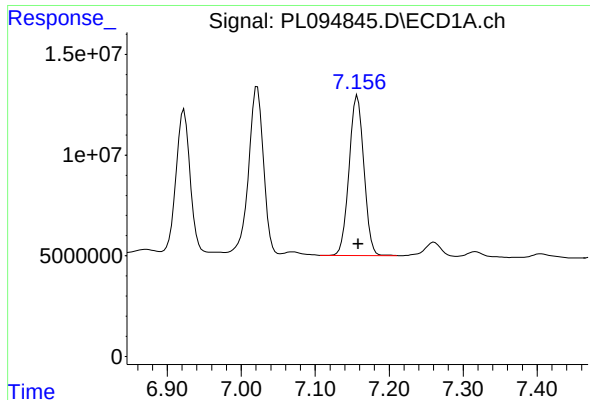
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 90002757
Conc: 42.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 146493247
Conc: 43.53 ng/ml



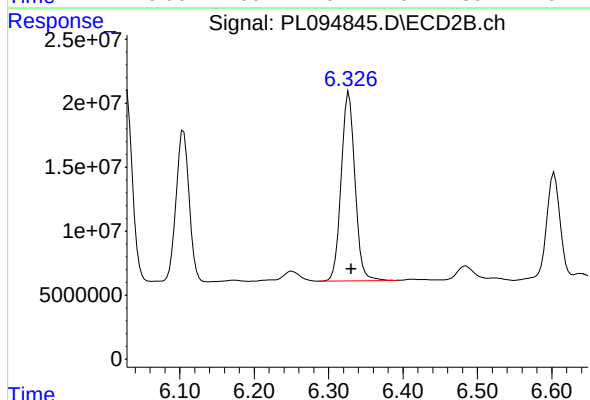
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 110189780
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

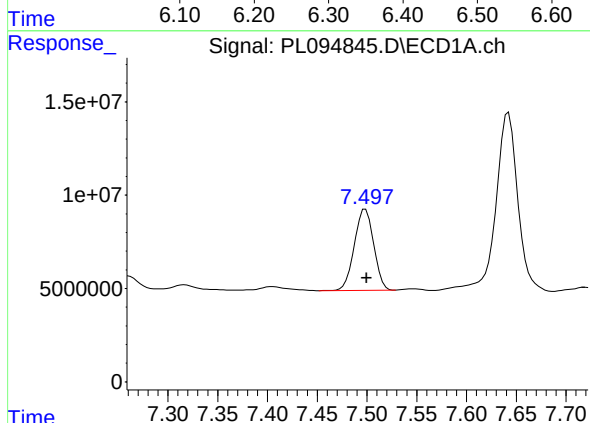
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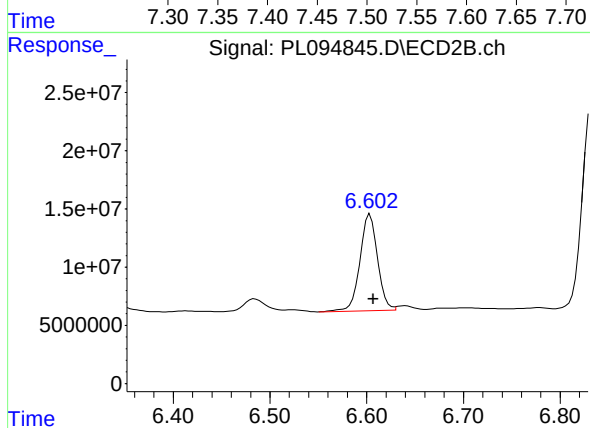
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 190138125
Conc: 46.68 ng/ml



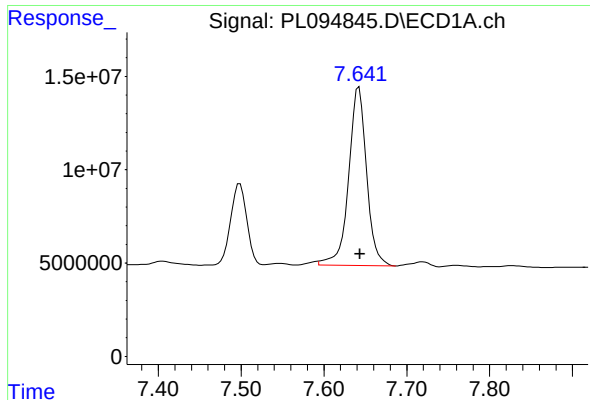
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 58855634
Conc: 49.17 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 104862632
Conc: 49.44 ng/ml



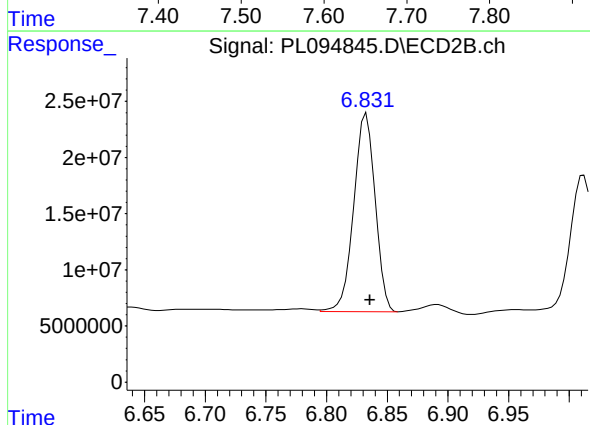
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 144097380
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

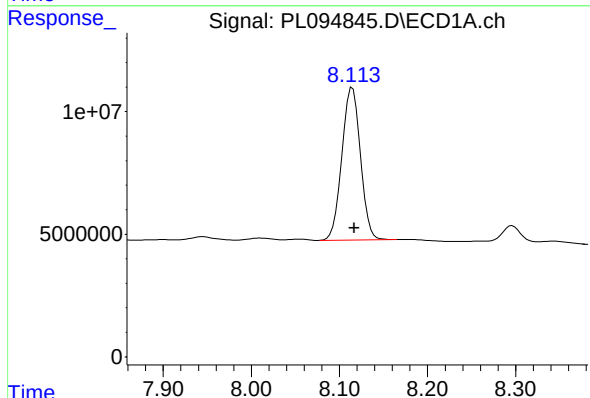
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



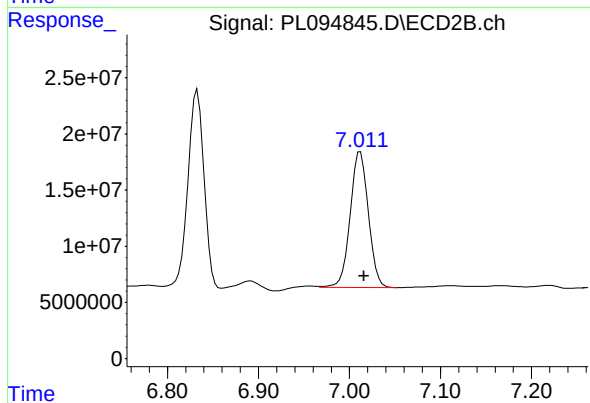
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 217551609
Conc: 45.58 ng/ml m



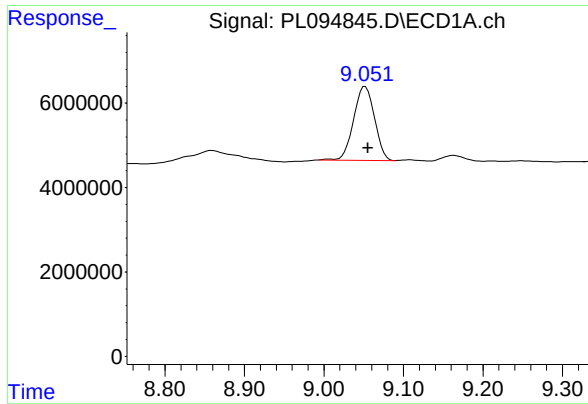
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 91407204
Conc: 44.24 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 169339784
Conc: 44.62 ng/ml m



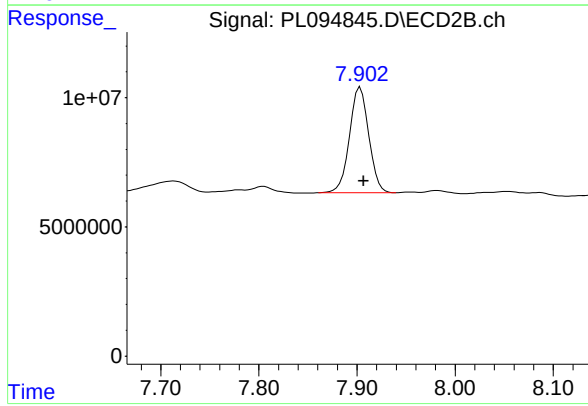
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 31981437
Conc: 15.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MSD

Manual Integrations
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Supervised By :mohammad ahmed 03/27/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 55771448
Conc: 13.81 ng/ml