

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
 Data File : PL090600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2024 13:27
 Operator : AR\AJ
 Sample : P3302-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 285-290MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/22/2024
 Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 22:04:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.789	41277011	34120361	19.824m	20.274
28) SA Decachlor...	9.058	7.931	26673309	29112508	20.072	19.966
Target Compounds						
2) A alpha-BHC	4.002	3.291	137.0E6	120.8E6	46.175	50.004m
3) MA gamma-BHC...	4.334	3.621	132.4E6	117.5E6	47.293	50.953m
4) MA Heptachlor	4.921	3.963	118.2E6	110.1E6	46.455m	49.909
5) MB Aldrin	5.263	4.242	118.2E6	106.6E6	47.319m	50.092m
6) B beta-BHC	4.530	3.920	58559321	49749896	46.163	48.198m
7) B delta-BHC	4.775	4.150	124.5E6	114.8E6	46.445m	52.190m
8) B Heptachlo...	5.689	4.746	112.7E6	98727560	47.942m	50.620
9) A Endosulfan I	6.074	5.116	101.4E6	88863689	47.420m	48.592
10) B gamma-Chl...	5.944	4.997	107.2E6	101.0E6	46.099m	49.841
11) B alpha-Chl...	6.023	5.060	108.2E6	100.8E6	47.130m	49.866
12) B 4,4'-DDE	6.196	5.249	94863656	91696431	46.915m	51.309
13) MA Dieldrin	6.349	5.379	105.6E6	99302133	47.549	50.641m
14) MA Endrin	6.580	5.656	89543488	86074717	48.706	50.011
15) B Endosulfa...	6.797	5.949	90789504	85350402	46.159	49.959
16) A 4,4'-DDD	6.713	5.802	83625922	72093611	49.535	48.118m
17) MA 4,4'-DDT	7.027	6.052	81810270	77806048	48.601	53.104m
18) B Endrin al...	6.928	6.129	70176057	64347589	47.301	49.250
19) B Endosulfa...	7.161	6.352	86677558	81634457	49.354	50.626
20) A Methoxychlor	7.502	6.628	44726188	42858258	50.658	53.006m
21) B Endrin ke...	7.645	6.857	95674046	92254488	50.117m	50.481
22) Mirex	8.120	7.039	69555892	70614582	49.113	47.501

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
Data File : PL090600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2024 13:27
Operator : AR\AJ
Sample : P3302-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

285-290MSD

Manual Integrations

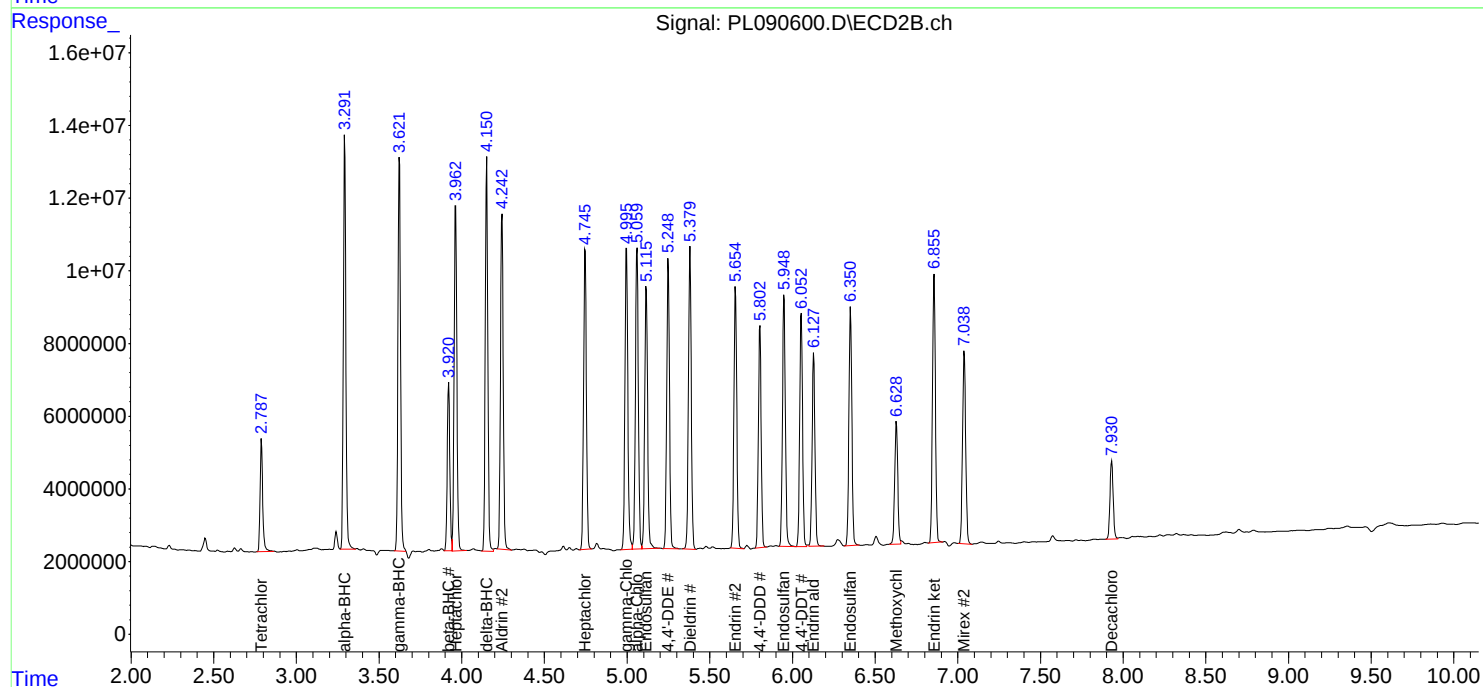
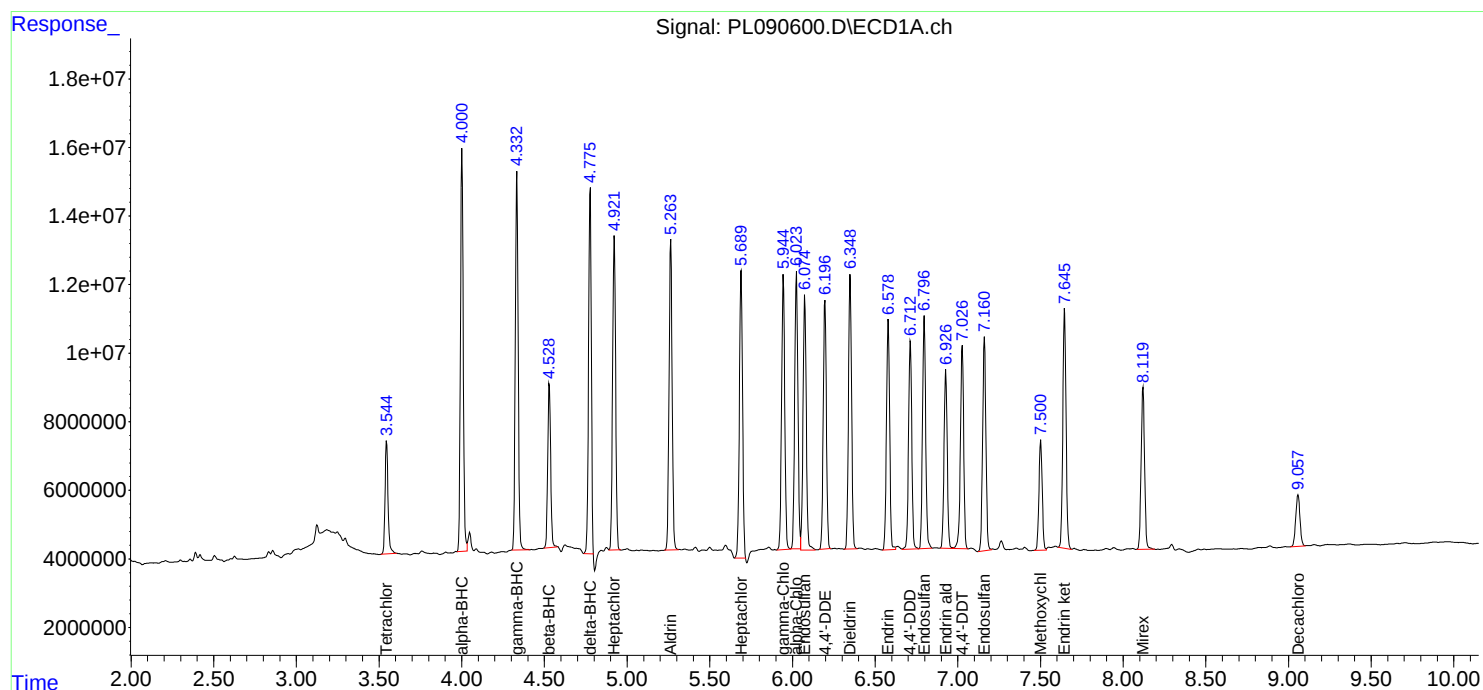
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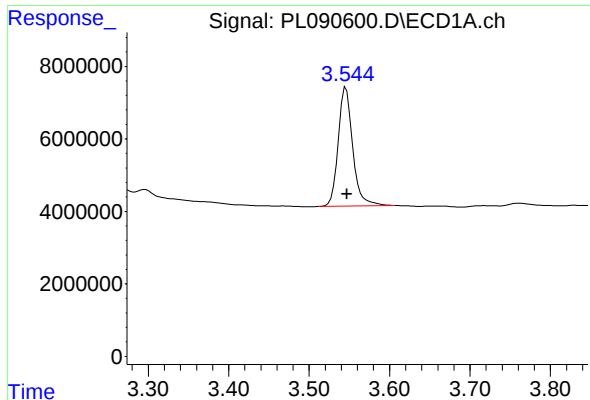
Reviewed By : Abdul Mirza 07/22/2024

Supervised By : Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 22:04:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





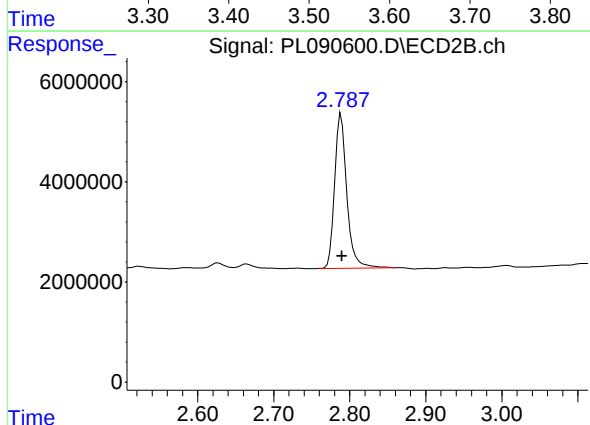
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 41277011
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

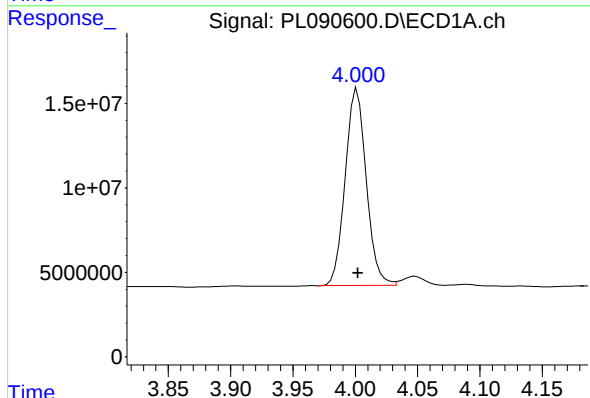
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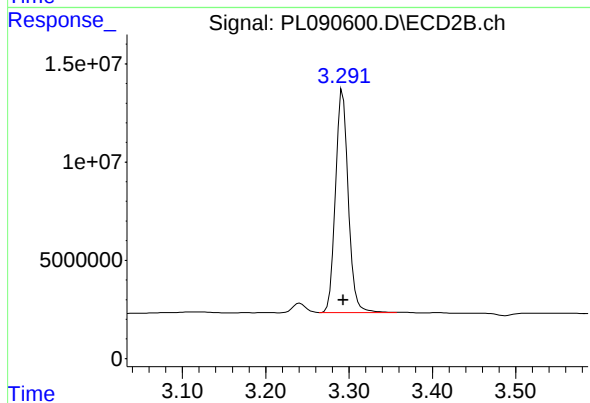
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: -0.001 min
Response: 34120361
Conc: 20.27 ng/ml



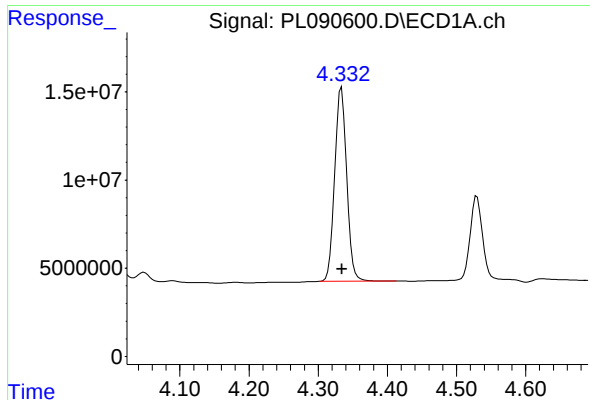
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 137019980
Conc: 46.18 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 120814221
Conc: 50.00 ng/ml m



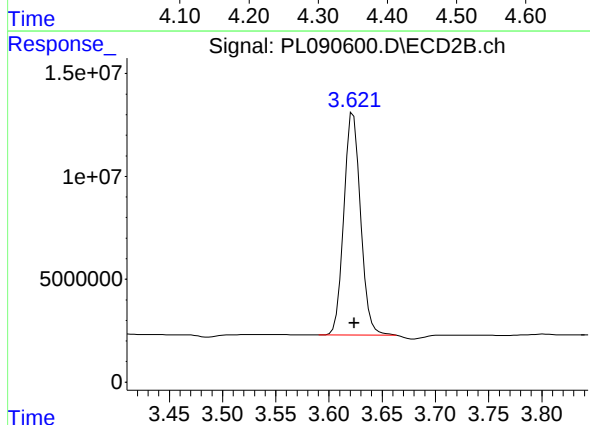
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 132441096
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

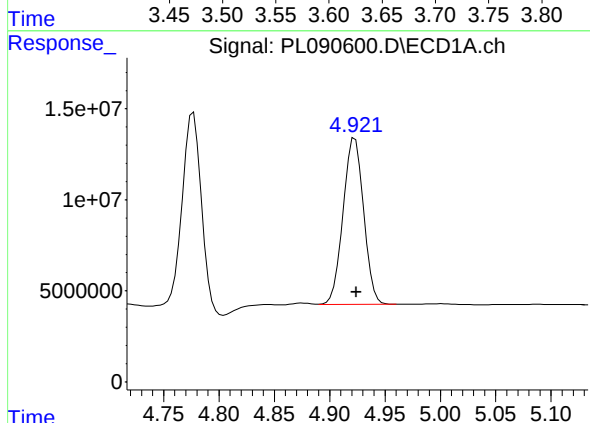
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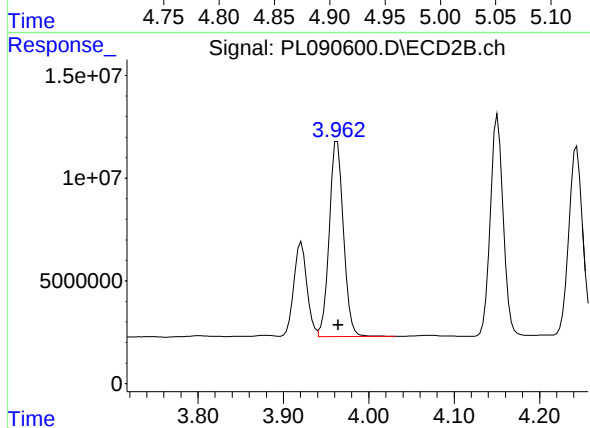
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.002 min
Response: 117496597
Conc: 50.95 ng/ml



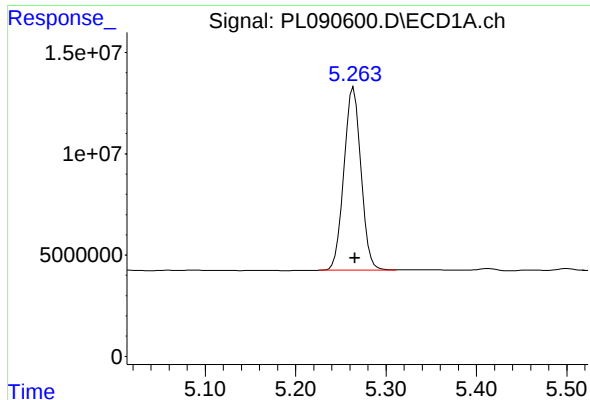
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 118230310
Conc: 46.46 ng/ml



#4 Heptachlor

R.T.: 3.963 min
Delta R.T.: -0.001 min
Response: 110101431
Conc: 49.91 ng/ml



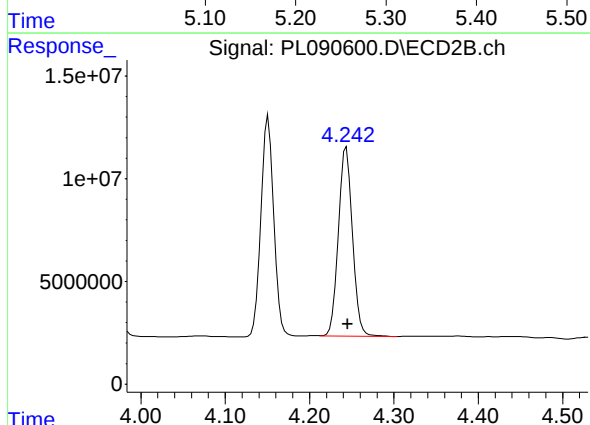
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 118221245
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

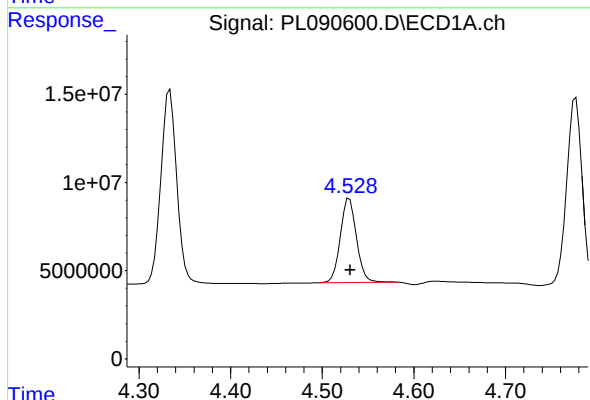
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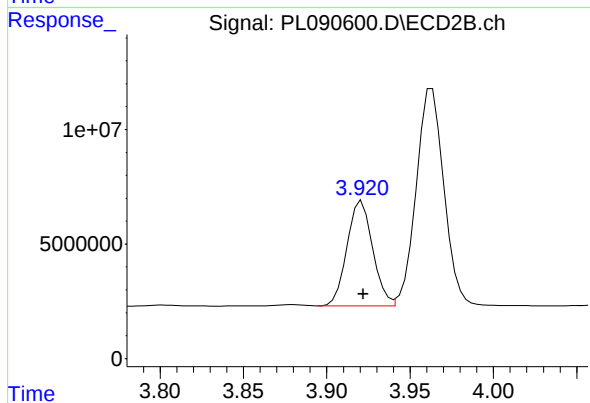
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 106569885
Conc: 50.09 ng/ml m



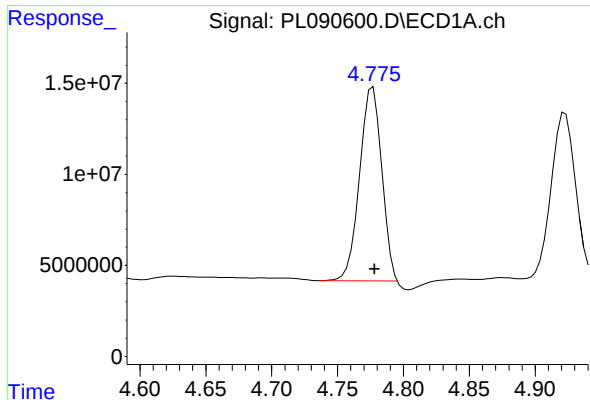
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 58559321
Conc: 46.16 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 49749896
Conc: 48.20 ng/ml m



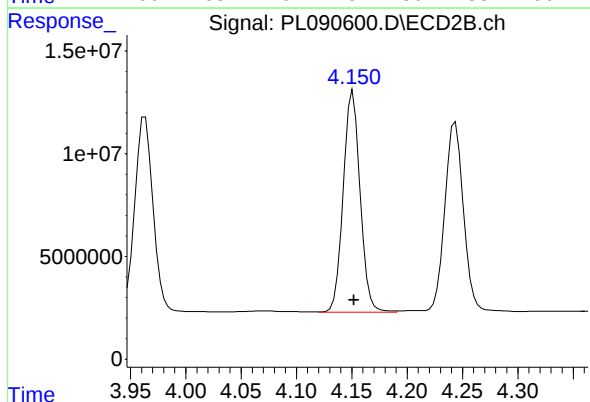
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 124521950
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

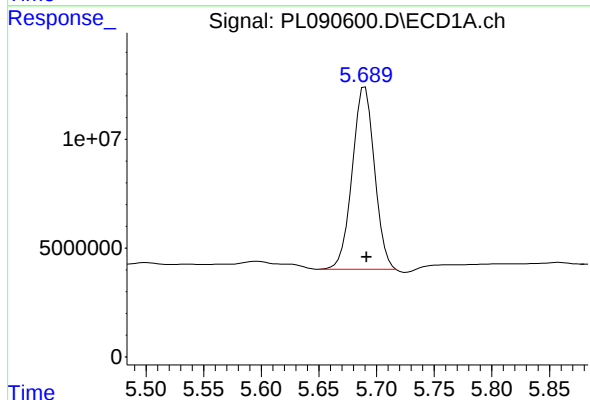
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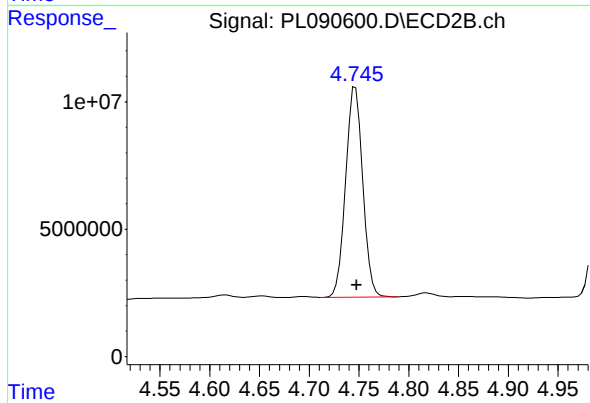
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 114803746
Conc: 52.19 ng/ml



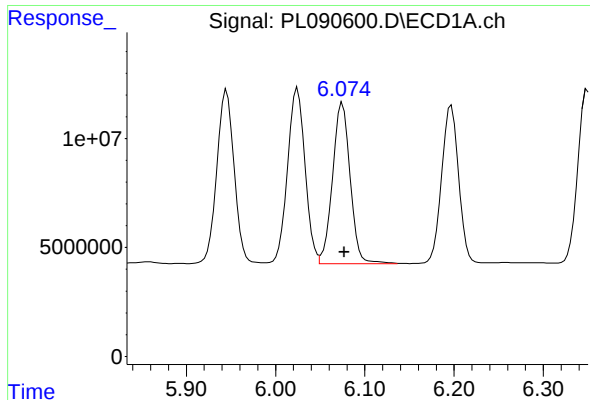
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 112682626
Conc: 47.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.746 min
Delta R.T.: -0.001 min
Response: 98727560
Conc: 50.62 ng/ml



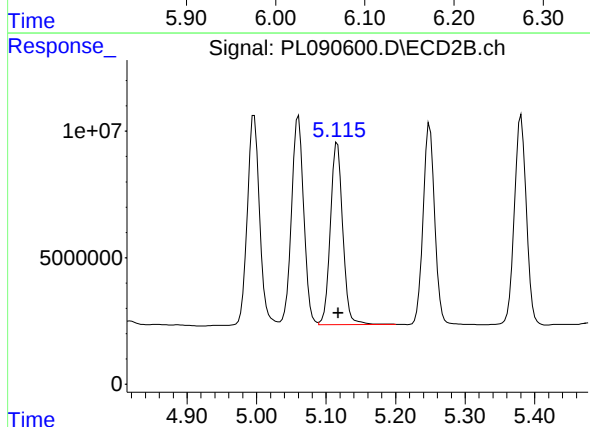
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 101418231
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

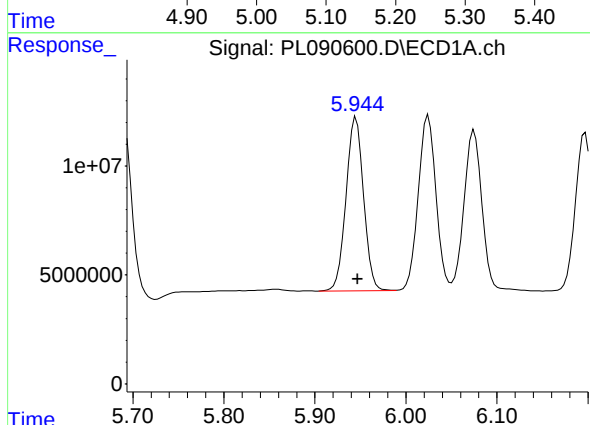
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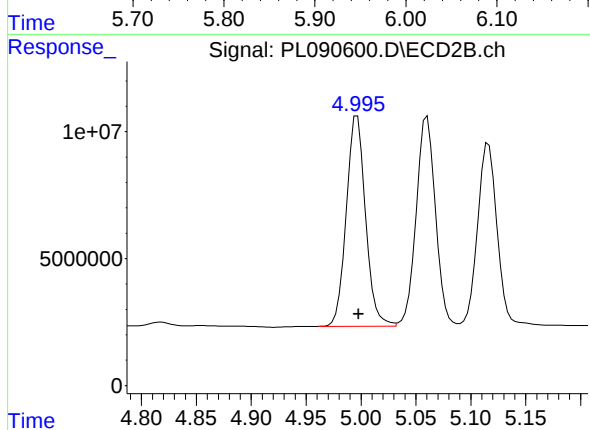
#9 Endosulfan I

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 88863689
Conc: 48.59 ng/ml



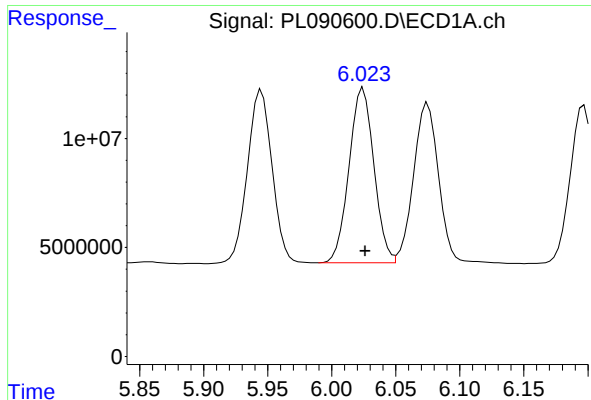
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.003 min
Response: 107180538
Conc: 46.10 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 101047903
Conc: 49.84 ng/ml



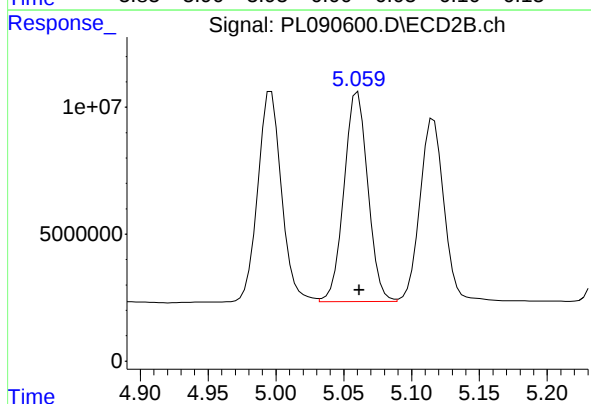
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 108197628
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

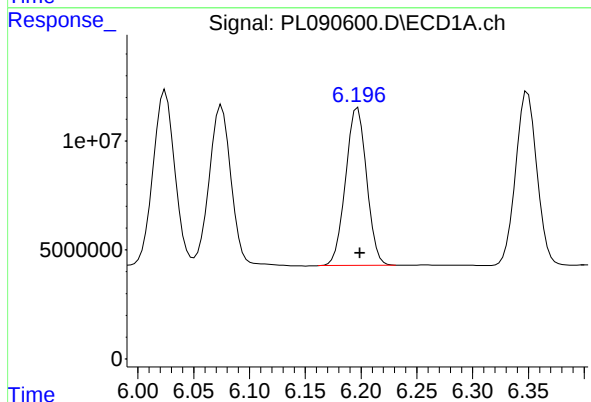
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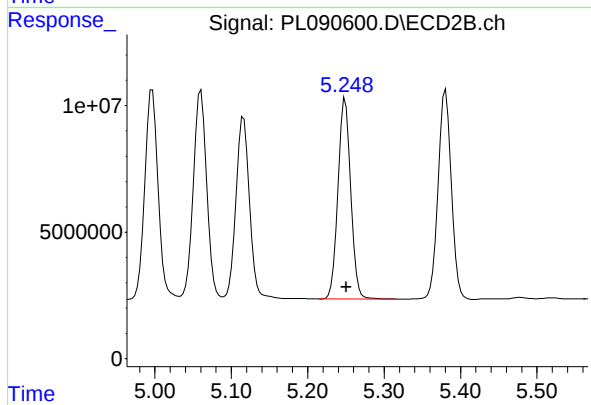
#11 alpha-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.001 min
Response: 100760915
Conc: 49.87 ng/ml



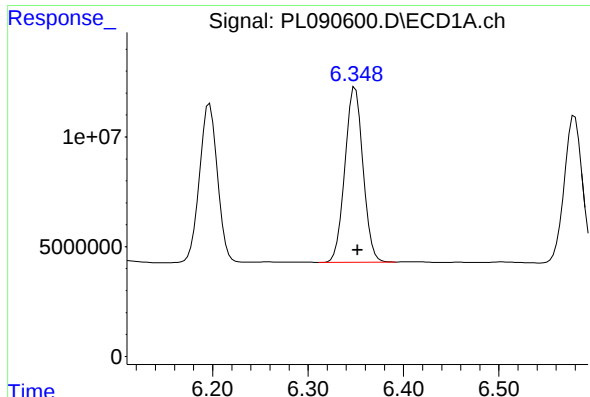
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 94863656
Conc: 46.92 ng/ml m



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 91696431
Conc: 51.31 ng/ml



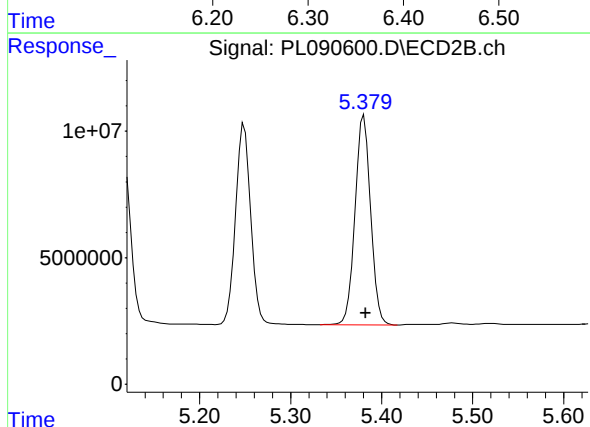
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 105646113
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

Manual Integrations
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#13 Dieldrin

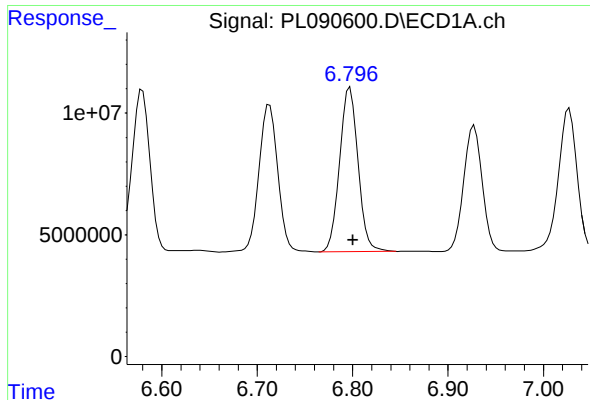
R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 99302133
Conc: 50.64 ng/ml

#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 89543488
Conc: 48.71 ng/ml

#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 86074717
Conc: 50.01 ng/ml



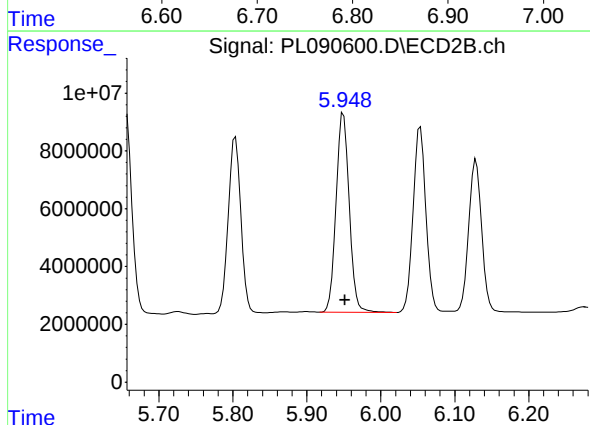
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.003 min
Response: 90789504
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

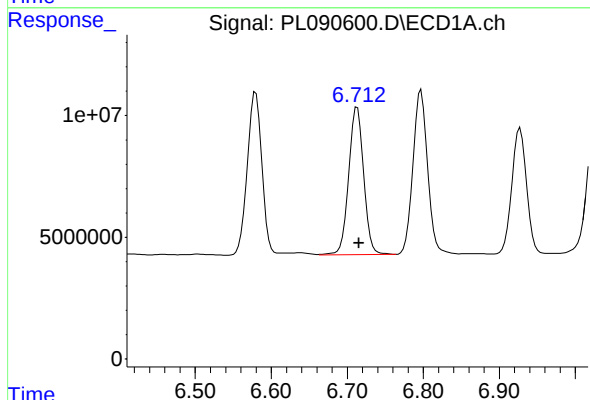
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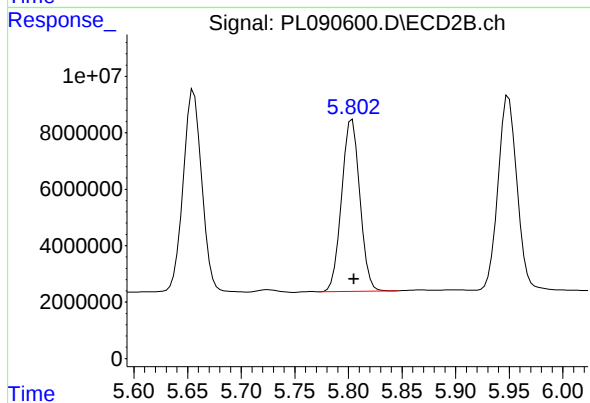
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 85350402
Conc: 49.96 ng/ml



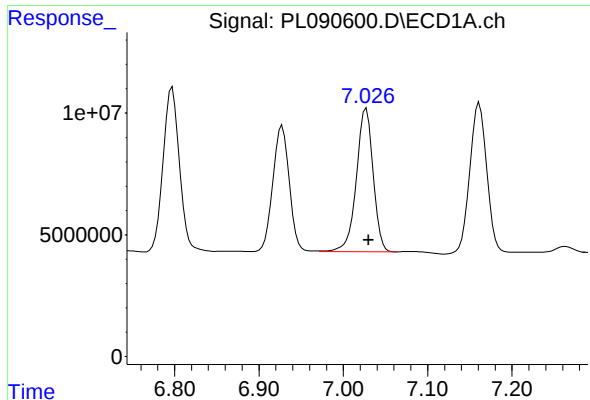
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 83625922
Conc: 49.54 ng/ml



#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 72093611
Conc: 48.12 ng/ml m



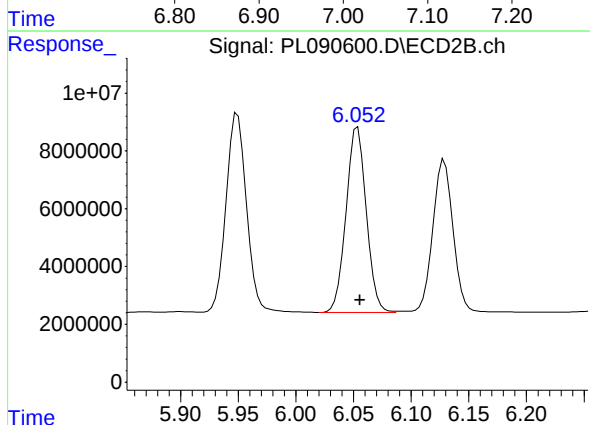
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.003 min
Response: 81810270
Conc: 48.60 ng/ml

Instrument :
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ClientSampleId :
285-290MSD

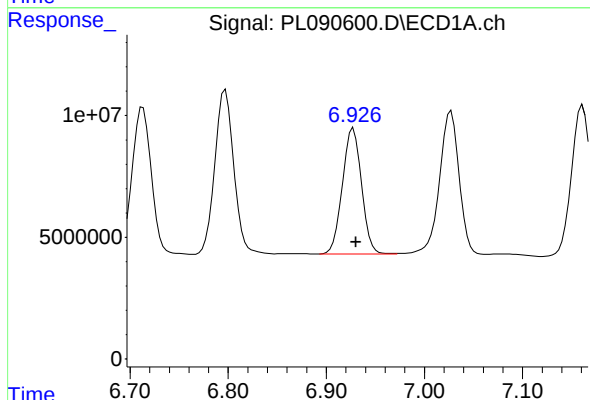
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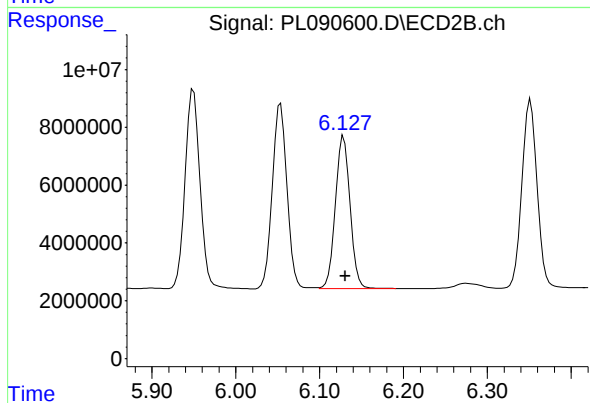
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 77806048
Conc: 53.10 ng/ml m



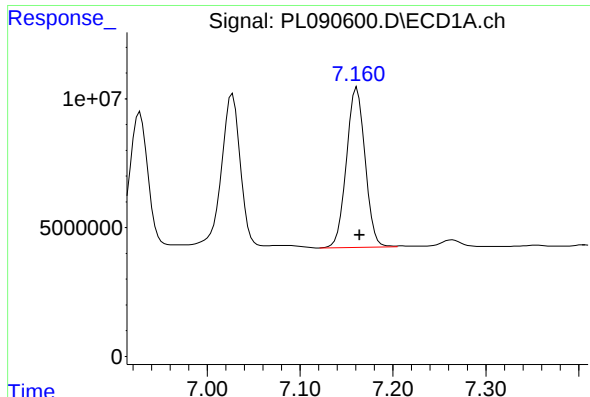
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 70176057
Conc: 47.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 64347589
Conc: 49.25 ng/ml



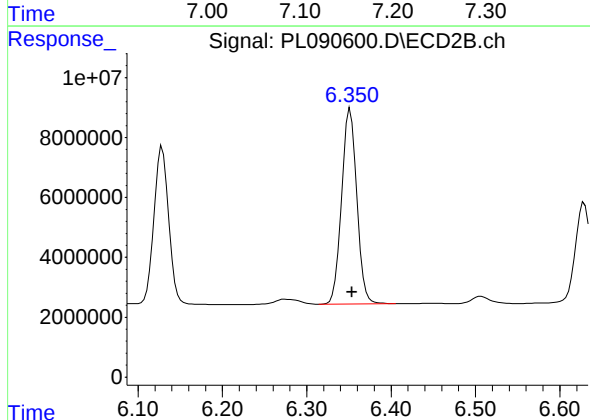
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.003 min
Response: 86677558
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

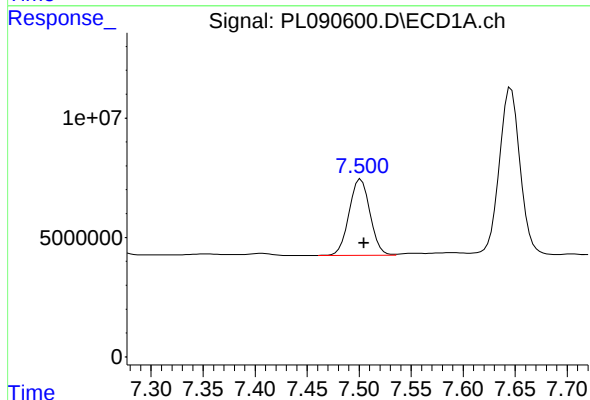
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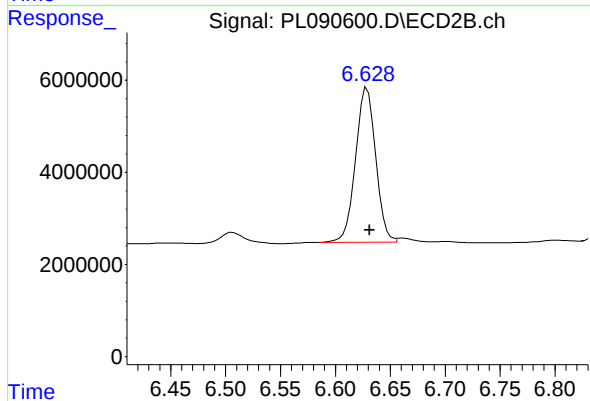
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 81634457
Conc: 50.63 ng/ml



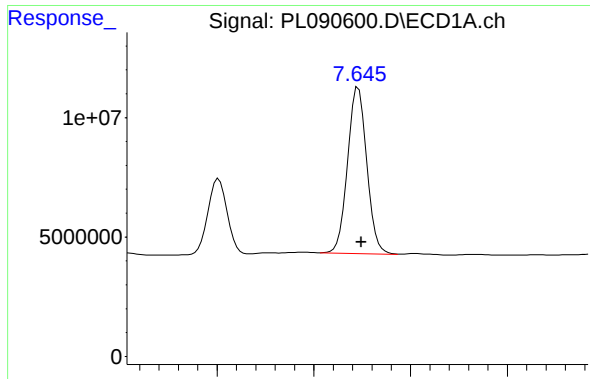
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 44726188
Conc: 50.66 ng/ml



#20 Methoxychlor

R.T.: 6.628 min
Delta R.T.: -0.004 min
Response: 42858258
Conc: 53.01 ng/ml m



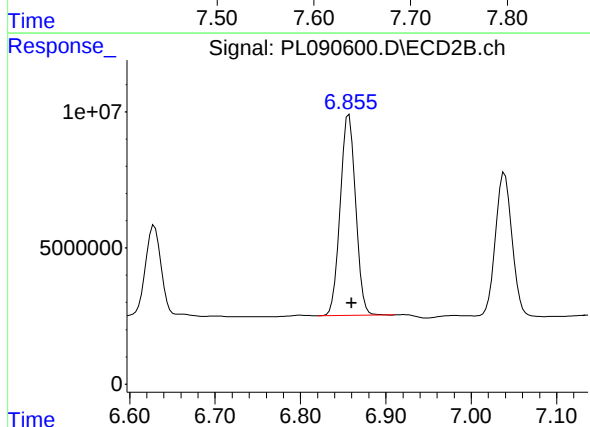
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 95674046
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

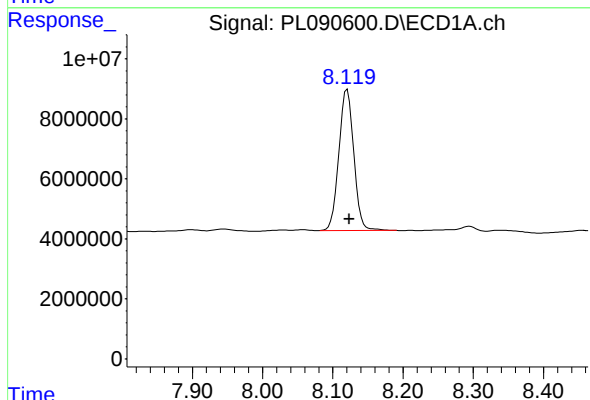
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Reviewed By :Abdul Mirza 07/22/2024
Supervised By :Ankita Jodhani 07/22/2024



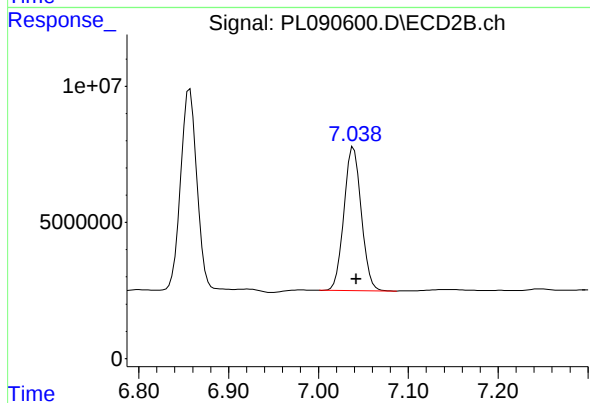
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 92254488
Conc: 50.48 ng/ml



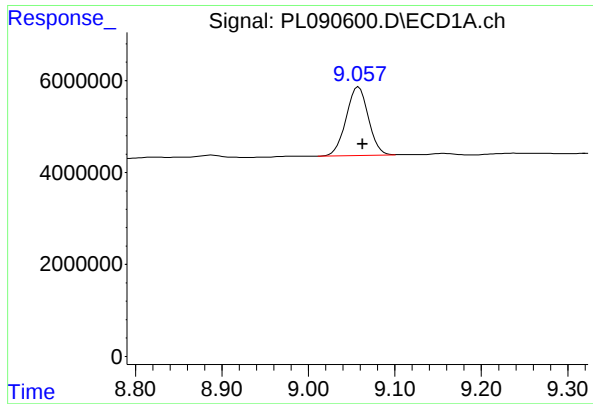
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 69555892
Conc: 49.11 ng/ml



#22 Mirex

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 70614582
Conc: 47.50 ng/ml



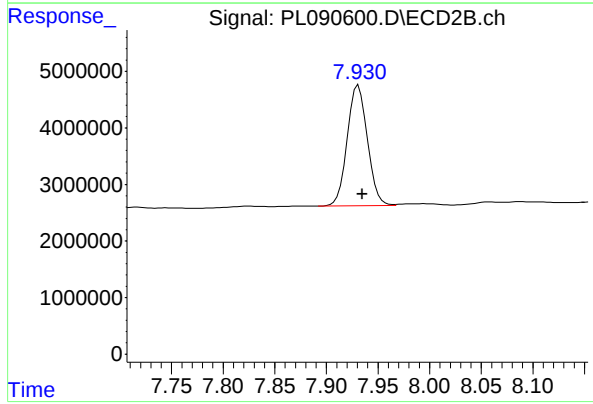
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 26673309
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
285-290MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2024
Supervised By :Ankita Jodhani 07/22/2024



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 29112508
Conc: 19.97 ng/ml