

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
 Data File : PL092248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2024 17:41
 Operator : AR\AJ
 Sample : P4290-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IB-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/07/2024
 Supervised By :Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:40:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.541	2.781	39031527	44072583	17.545m	17.572
28) SA Decachlor...	9.058	7.919	28064092	32395915	17.131	12.948
Target Compounds						
2) A alpha-BHC	3.996	3.284	134.7E6	174.6E6	43.485m	47.916
3) MA gamma-BHC...	4.331	3.614	131.3E6	161.6E6	42.367	45.776
4) MA Heptachlor	4.919	3.953	123.3E6	158.5E6	44.582	45.928
5) MB Aldrin	5.261	4.231	114.2E6	148.0E6	41.118	43.524m
6) B beta-BHC	4.528	3.913	59738077	70701098	45.039	47.037
7) B delta-BHC	4.775	4.142	123.2E6	152.3E6	42.714	43.867
8) B Heptachlo...	5.687	4.735	109.1E6	136.4E6	42.860	45.106
9) A Endosulfan I	6.072	5.105	96774414	127.9E6	41.832	46.582
10) B gamma-Chl...	5.943	4.986	111.0E6	145.9E6	44.897	48.500
11) B alpha-Chl...	6.022	5.049	105.2E6	142.5E6	42.719	47.594
12) B 4,4'-DDE	6.195	5.238	90677177	131.1E6	41.894	47.167
13) MA Dieldrin	6.347	5.370	99204896	131.0E6	40.677	44.681
14) MA Endrin	6.577	5.644	81037952	110.4E6	39.325	42.085m
15) B Endosulfa...	6.796	5.939	87847925	110.9E6	39.936	44.332
16) A 4,4'-DDD	6.711	5.791	79340062	100.8E6	44.183m	47.169m
17) MA 4,4'-DDT	7.026	6.043	74473194	94982006	40.448	41.061
18) B Endrin al...	6.926	6.119	68668340	82169289	39.402	40.265
19) B Endosulfa...	7.161	6.340	82068267	101.6E6	41.401	42.125m
20) A Methoxychlor	7.502	6.618	40874062	47974449	41.636	38.369
21) B Endrin ke...	7.646	6.847	91727129	112.1E6	41.740	40.472
22) Mirex	8.119	7.026	69094963	88978044	38.365	36.577m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
Data File : PL092248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2024 17:41
Operator : AR\AJ
Sample : P4290-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

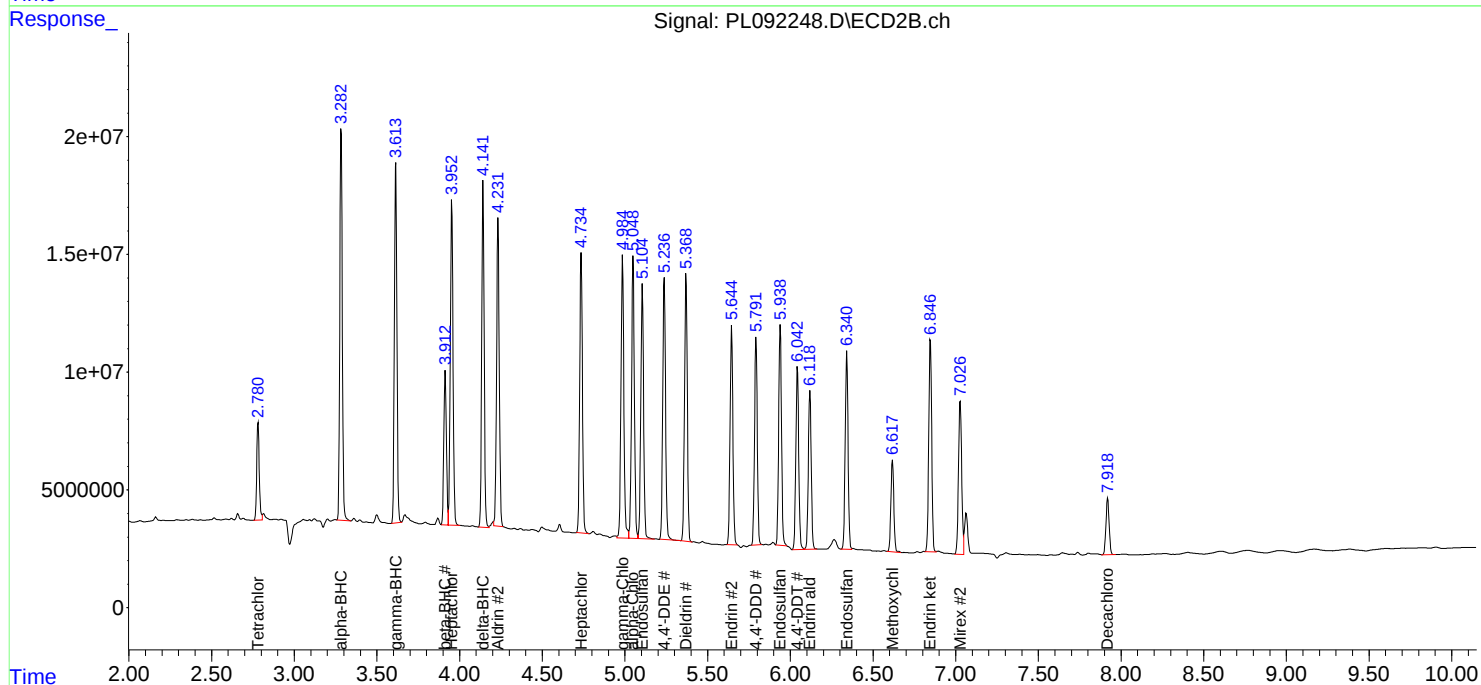
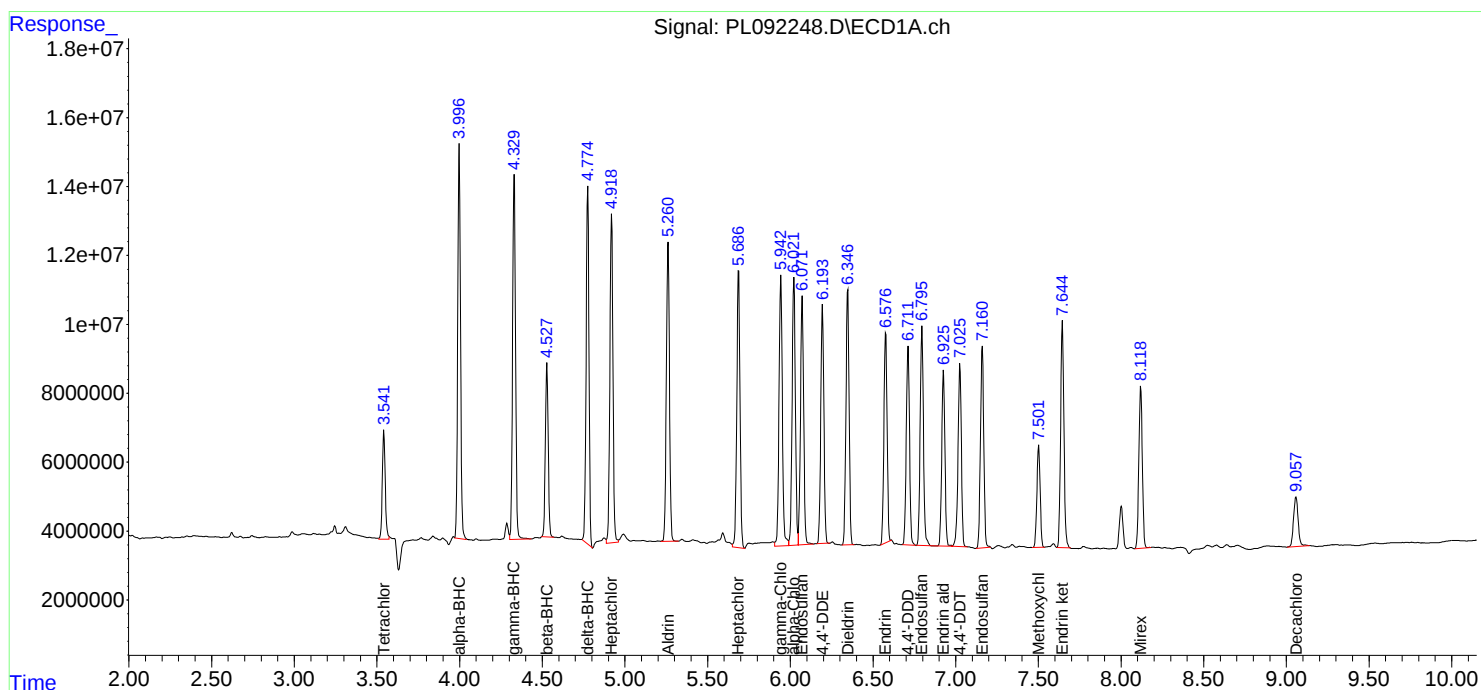
Instrument :
ECD_L
ClientSampleId :
IB-4MS

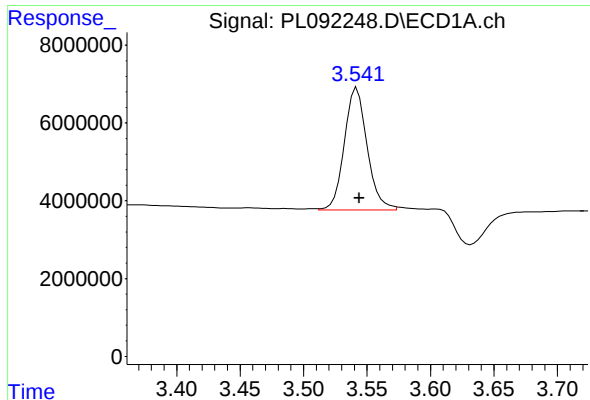
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 23:40:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





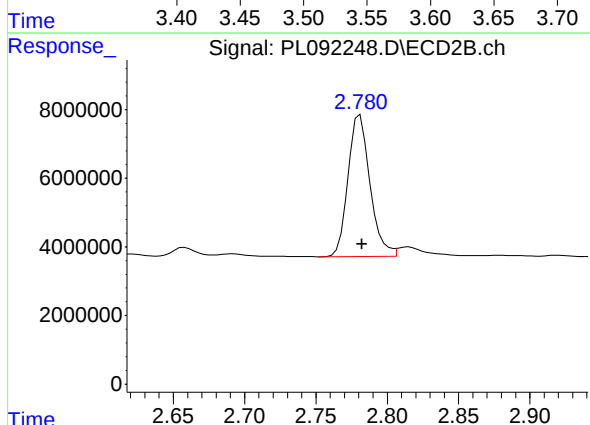
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 39031527
Conc: 17.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

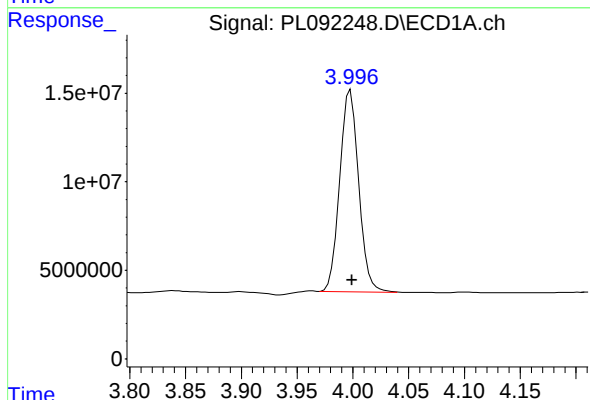
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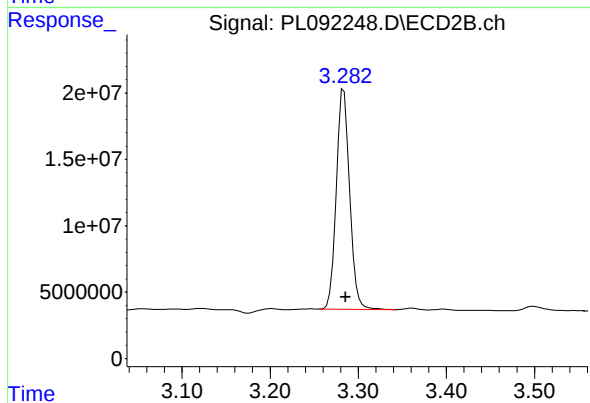
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 44072583
Conc: 17.57 ng/ml



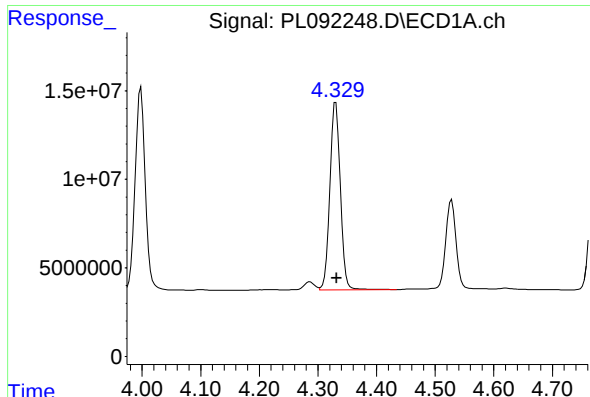
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 134651288
Conc: 43.48 ng/ml m



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 174573528
Conc: 47.92 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 131286319
Conc: 42.37 ng/ml

Instrument :

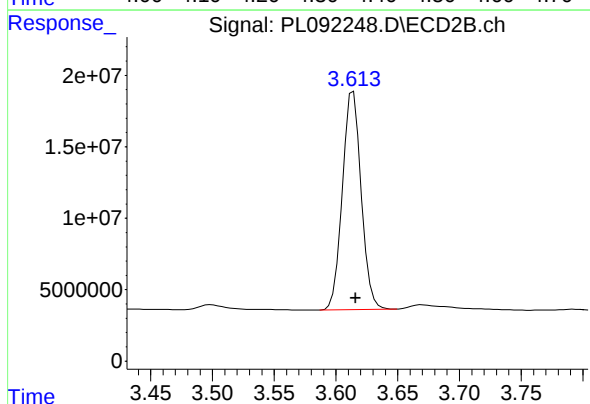
ECD_L

ClientSampleId :

IB-4MS

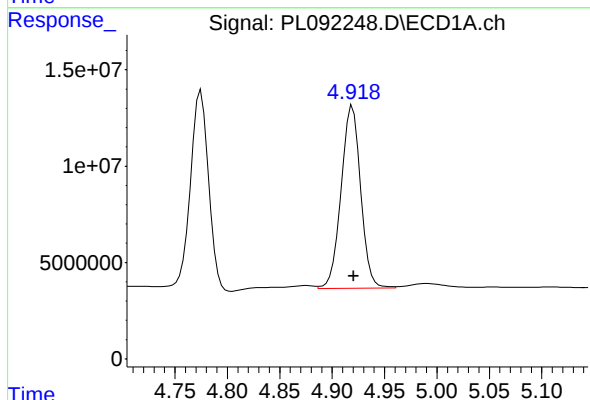
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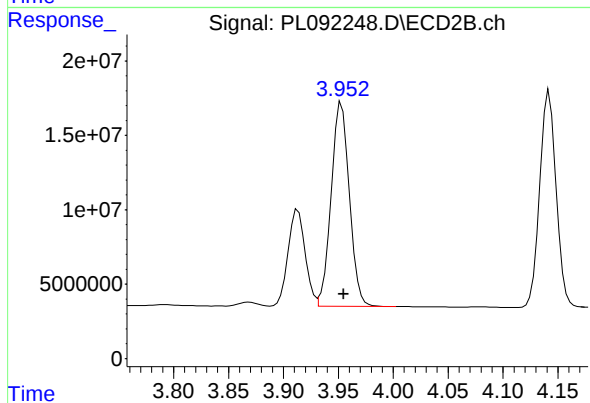
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 161633290
Conc: 45.78 ng/ml



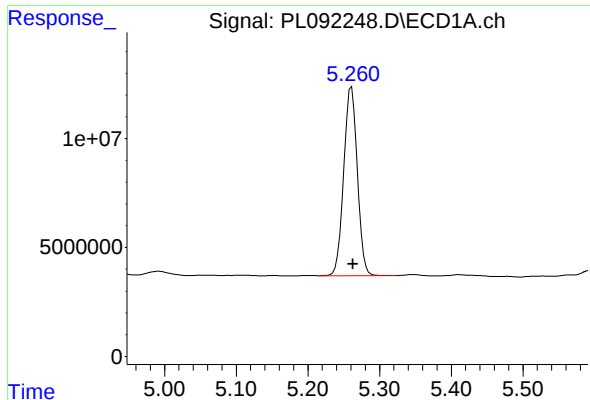
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.001 min
Response: 123289277
Conc: 44.58 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 158479994
Conc: 45.93 ng/ml



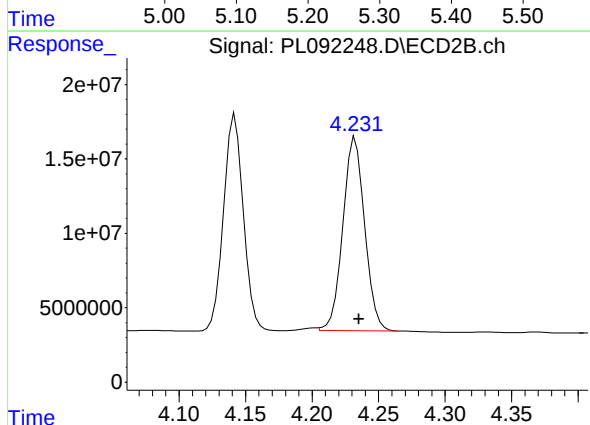
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 114208248
Conc: 41.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

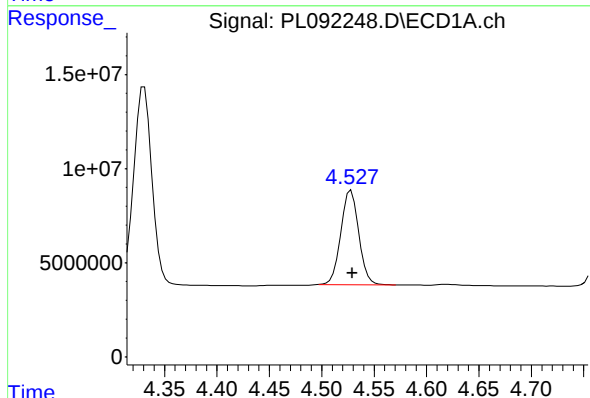
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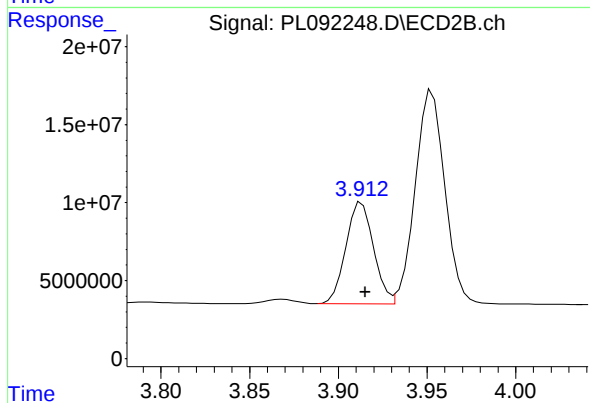
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.004 min
Response: 148028585
Conc: 43.52 ng/ml



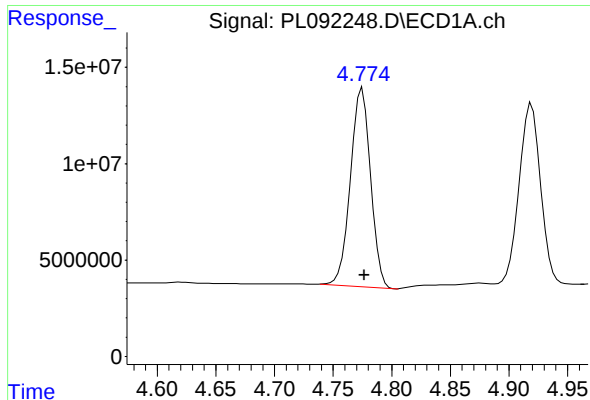
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 59738077
Conc: 45.04 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 70701098
Conc: 47.04 ng/ml



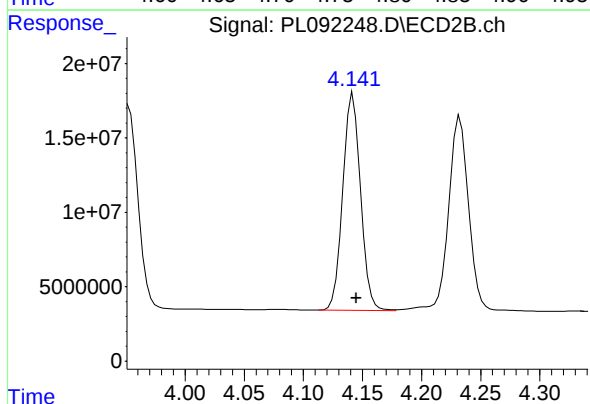
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 123197549
Conc: 42.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

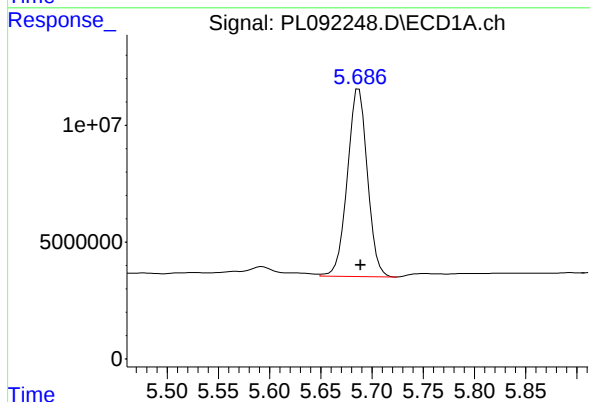
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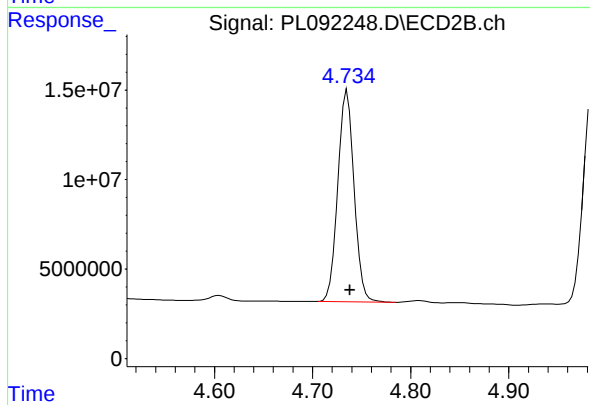
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 152291305
Conc: 43.87 ng/ml



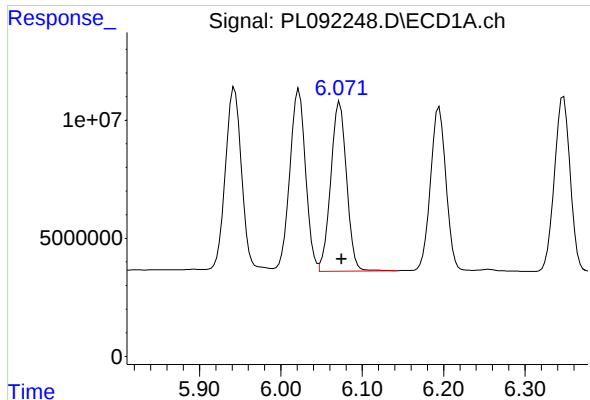
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 109077490
Conc: 42.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 136350859
Conc: 45.11 ng/ml



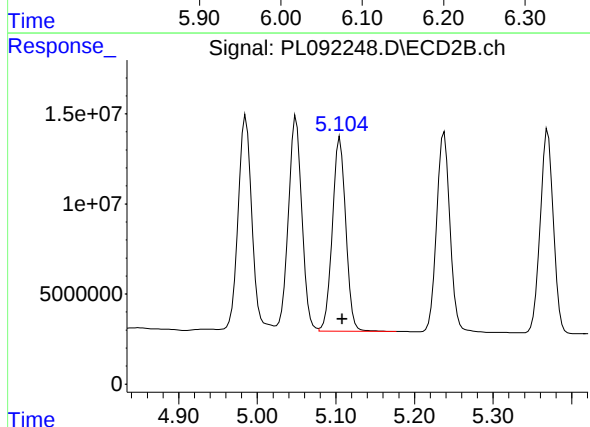
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 96774414
Conc: 41.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

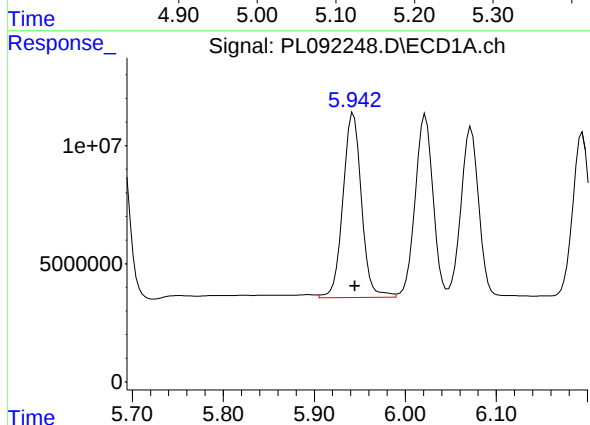
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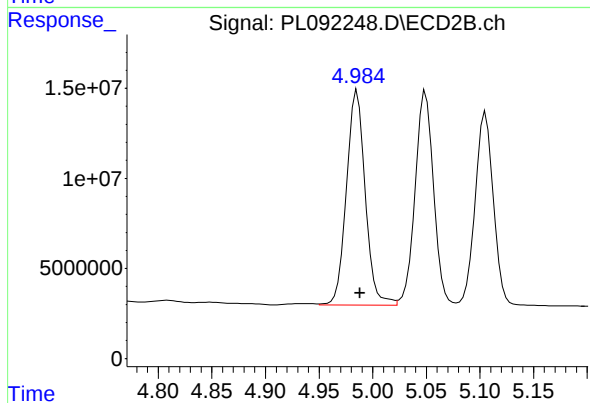
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 127851597
Conc: 46.58 ng/ml



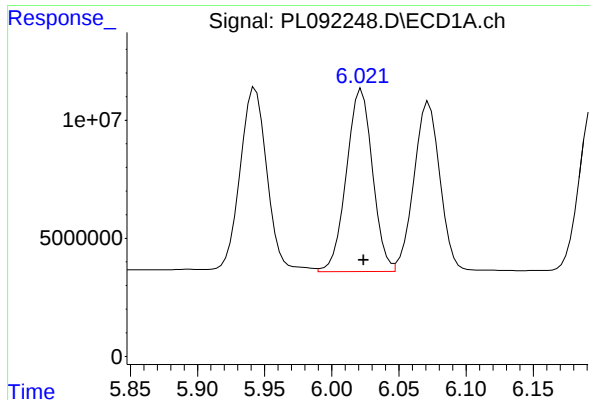
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 110950291
Conc: 44.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 145915098
Conc: 48.50 ng/ml



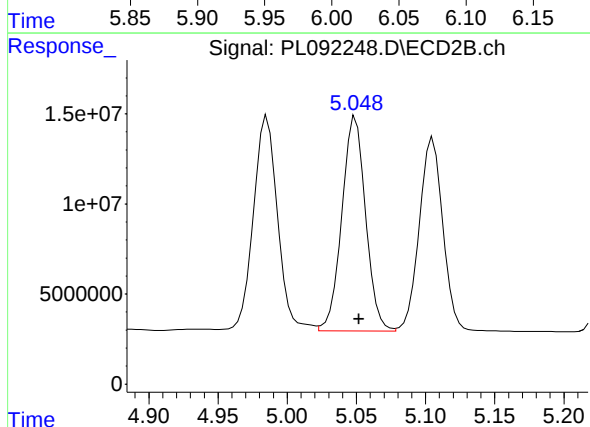
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 105230848
Conc: 42.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

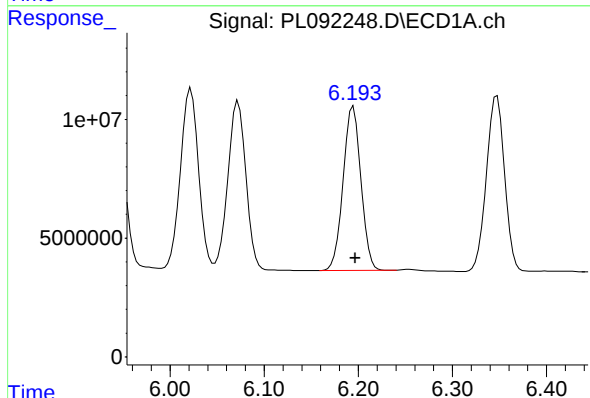
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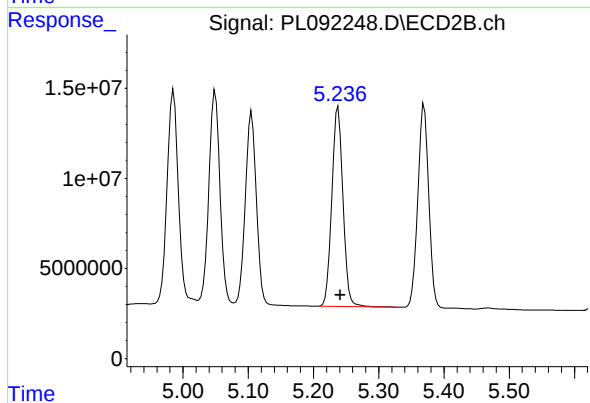
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 142474163
Conc: 47.59 ng/ml



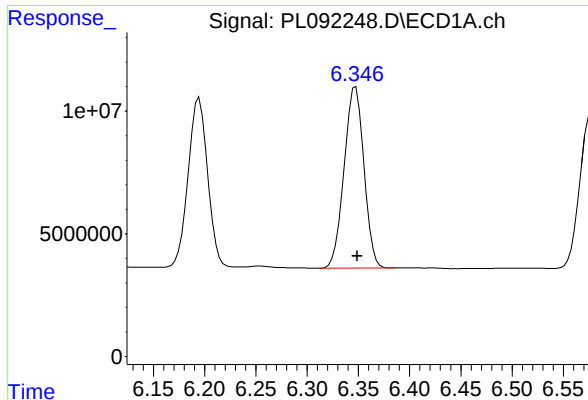
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 90677177
Conc: 41.89 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 131070966
Conc: 47.17 ng/ml



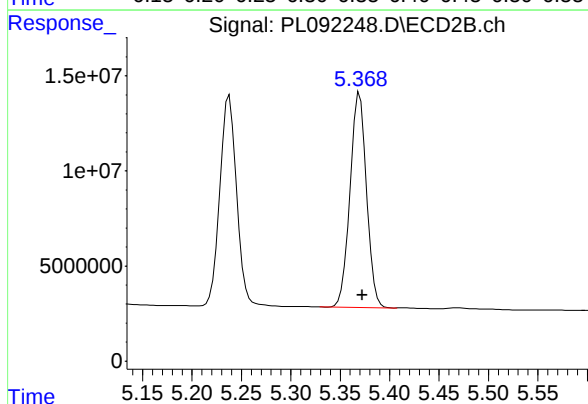
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 99204896
Conc: 40.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

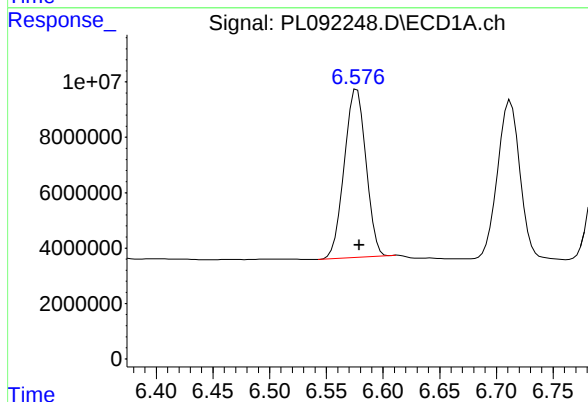
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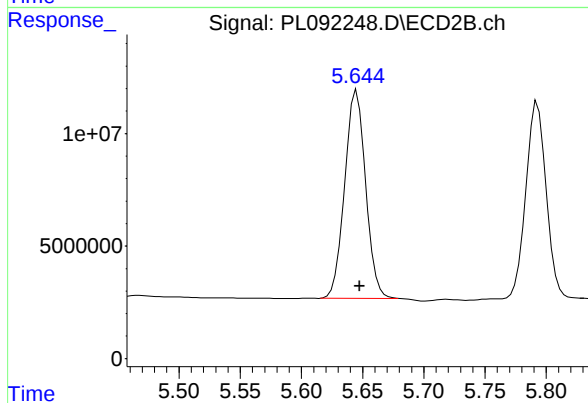
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 130997092
Conc: 44.68 ng/ml



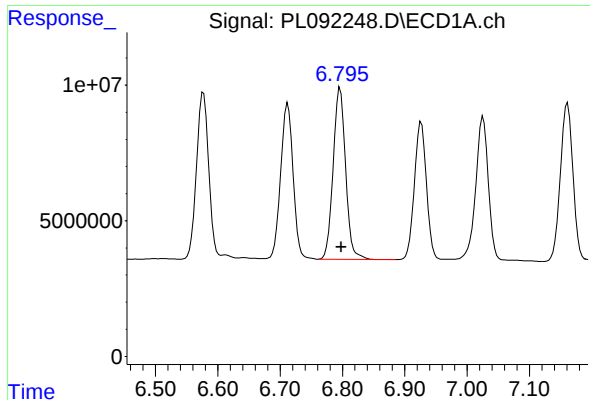
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 81037952
Conc: 39.33 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 110354441
Conc: 42.08 ng/ml m



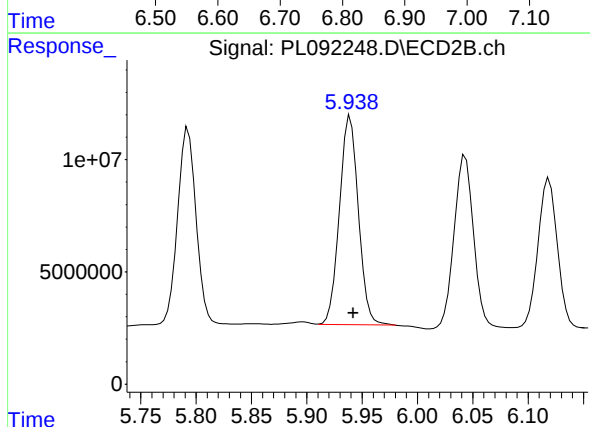
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 87847925
Conc: 39.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

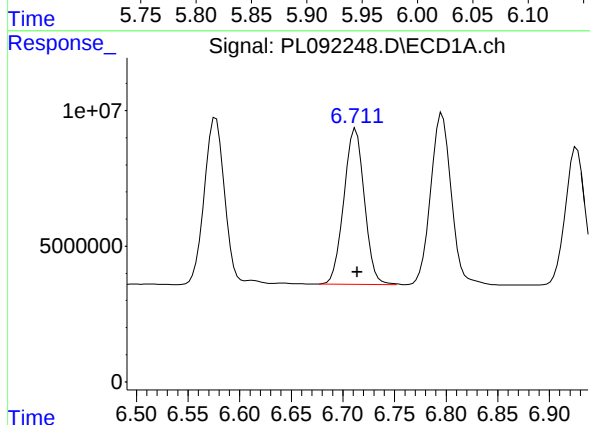
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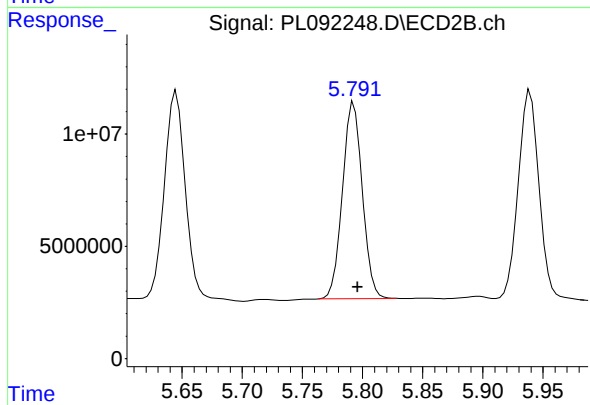
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 110937562
Conc: 44.33 ng/ml



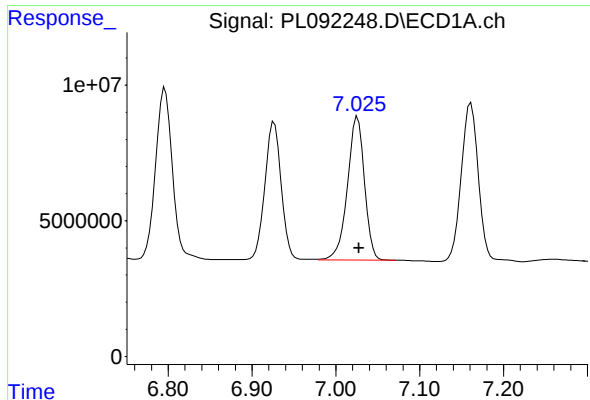
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 79340062
Conc: 44.18 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.004 min
Response: 100763922
Conc: 47.17 ng/ml m



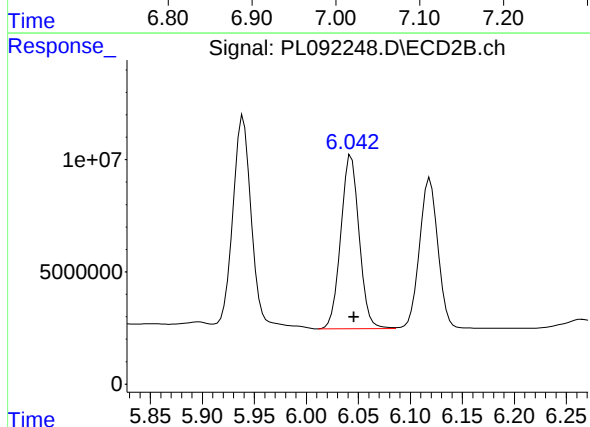
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 74473194
Conc: 40.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

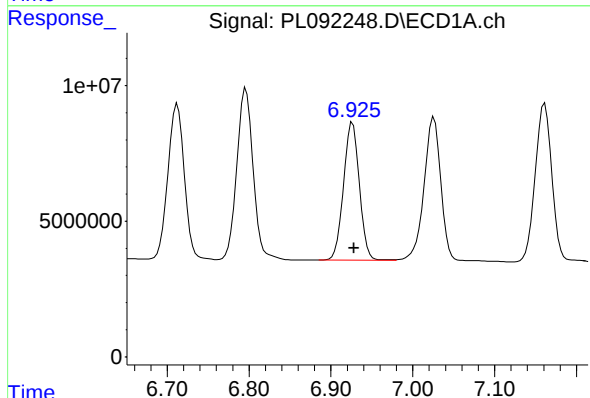
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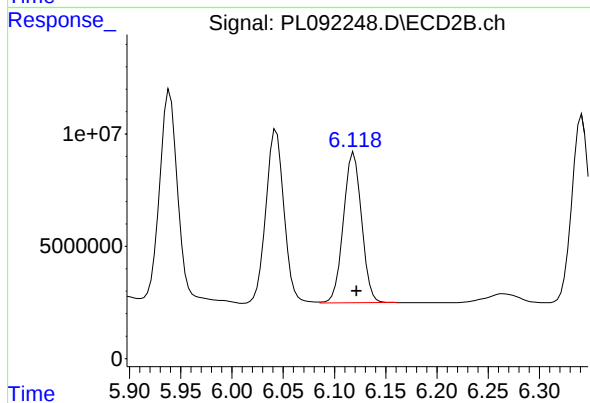
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 94982006
Conc: 41.06 ng/ml



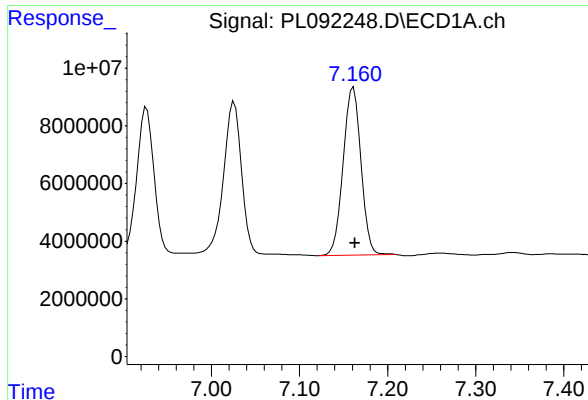
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 68668340
Conc: 39.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 82169289
Conc: 40.26 ng/ml



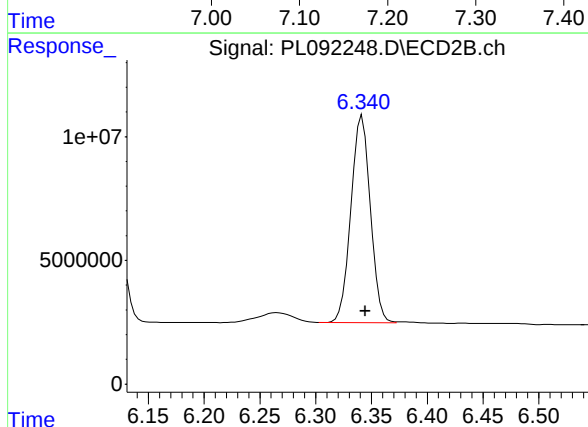
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 82068267
Conc: 41.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

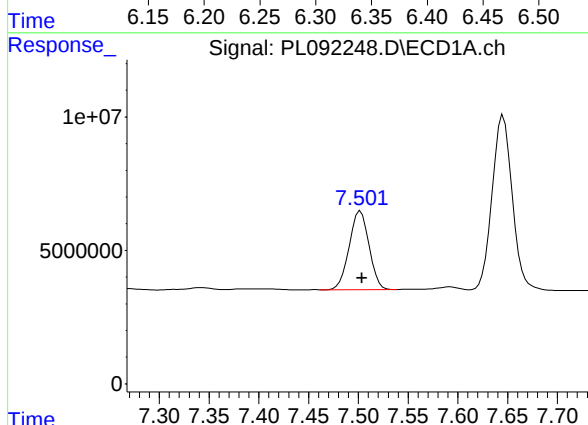
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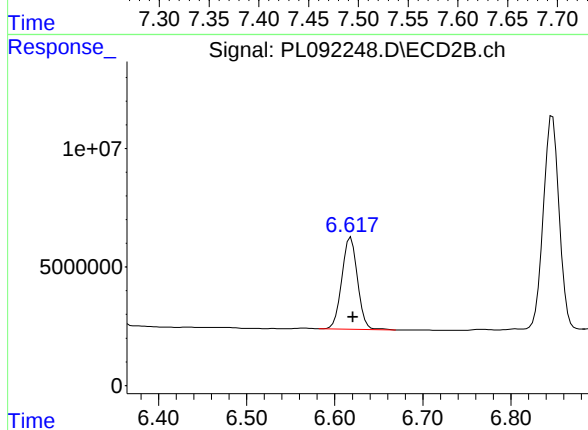
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 101628311
Conc: 42.13 ng/ml



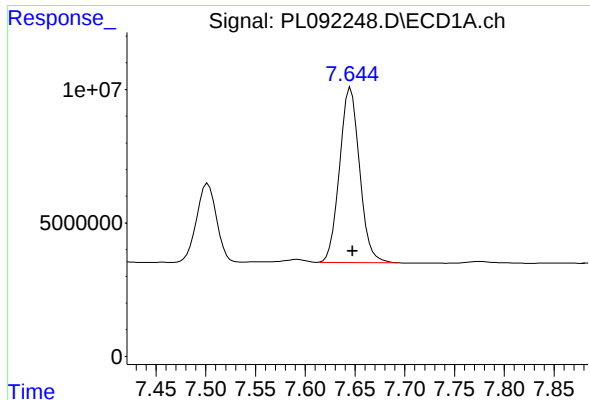
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 40874062
Conc: 41.64 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 47974449
Conc: 38.37 ng/ml



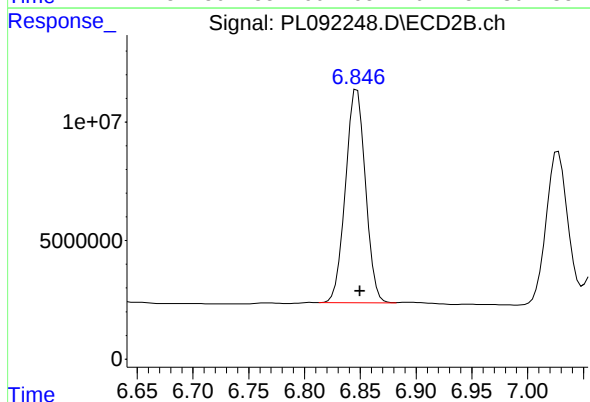
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 91727129
Conc: 41.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

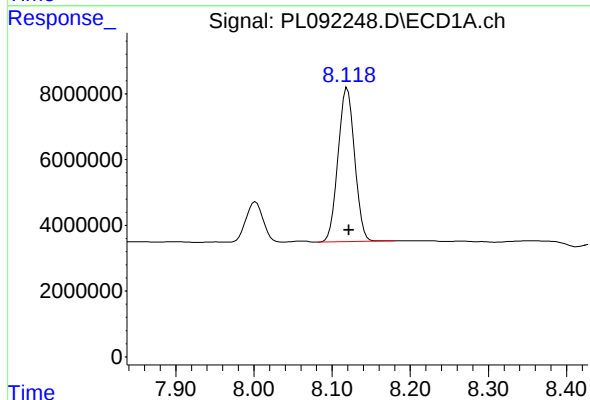
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



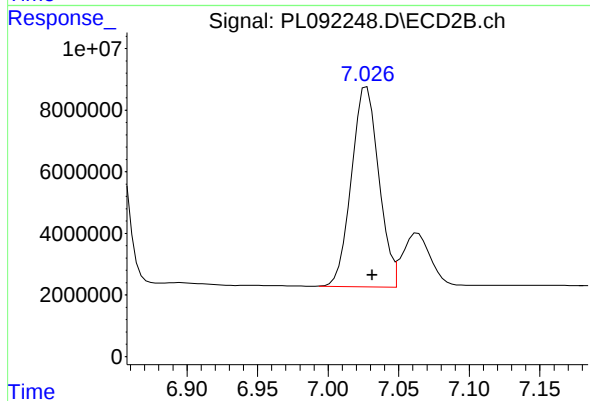
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 112064725
Conc: 40.47 ng/ml



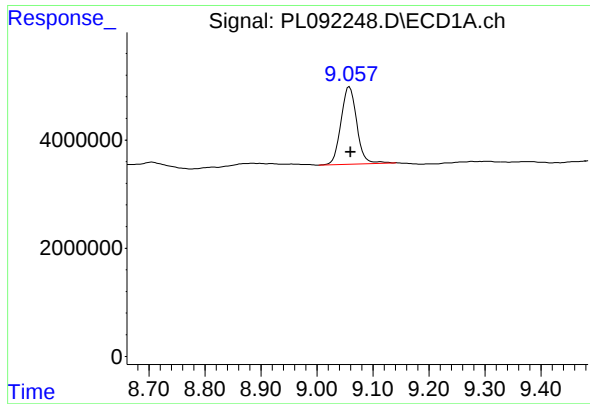
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 69094963
Conc: 38.36 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: -0.005 min
Response: 88978044
Conc: 36.58 ng/ml m



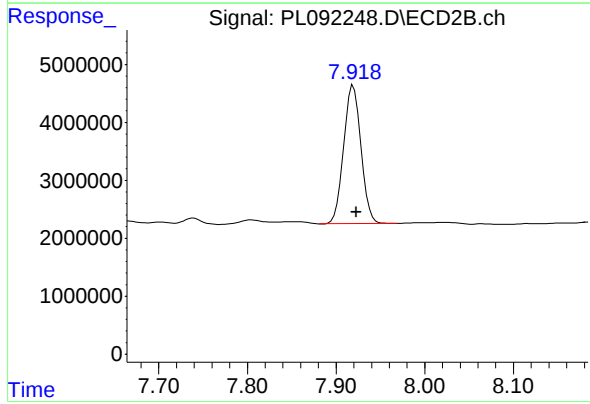
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 28064092
Conc: 17.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 32395915
Conc: 12.95 ng/ml