

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 17:09
 Operator : AR\AJ
 Sample : PB151474BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151474BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2023
 Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 21:58:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 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...	3.331	2.661	45627546	42522147	21.118	21.011
28)	SA Decachlor...	8.754	7.782	35806467	45782136	23.487	23.900
Target Compounds							
2)	A alpha-BHC	3.780	3.161	141.3E6	130.1E6	44.421	44.386
3)	MA gamma-BHC...	4.109	3.489	134.0E6	123.7E6	45.282	44.969
4)	MA Heptachlor	4.688	3.823	126.9E6	126.4E6	45.972	45.804
5)	MB Aldrin	5.025	4.100	119.3E6	118.1E6	46.874	45.063
6)	B beta-BHC	4.311	3.788	60572471	51747355	44.005	44.586
7)	B delta-BHC	4.553	4.015	126.1E6	114.3E6	45.366	44.889
8)	B Heptachlo...	5.451	4.602	111.1E6	111.7E6	47.079	46.206
9)	A Endosulfan I	5.832	4.970	100.7E6	104.0E6	47.650	45.964
10)	B gamma-Chl...	5.706	4.851	111.7E6	112.9E6	48.949	46.116
11)	B alpha-Chl...	5.785	4.915	108.1E6	112.4E6	47.970	45.899
12)	B 4,4'-DDE	5.962	5.104	93570453	92687243	47.823	47.221m
13)	MA Dieldrin	6.107	5.234	97862673	105.7E6	46.757	46.895
14)	MA Endrin	6.334	5.509	82807190	89509387	45.562	44.540
15)	B Endosulfa...	6.556	5.804	83308821	88165359	47.783	47.819m
16)	A 4,4'-DDD	6.477	5.660	75748523	76487069	49.207	49.858
17)	MA 4,4'-DDT	6.789	5.909	76333558	78212472	48.090	48.751
18)	B Endrin al...	6.685	5.986	67703233	72040781	47.300m	47.550
19)	B Endosulfa...	6.920	6.207	85410904	91708447	47.569	47.714m
20)	A Methoxychlor	7.270	6.489	40031641	38655159	46.475	41.650
21)	B Endrin ke...	7.400	6.714	90199912	98965045	49.724	45.964
22)	Mirex	7.865	6.886	70008591	87563391	47.980	45.496

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
Data File : PL081510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2023 17:09
Operator : AR\AJ
Sample : PB151474BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151474BS

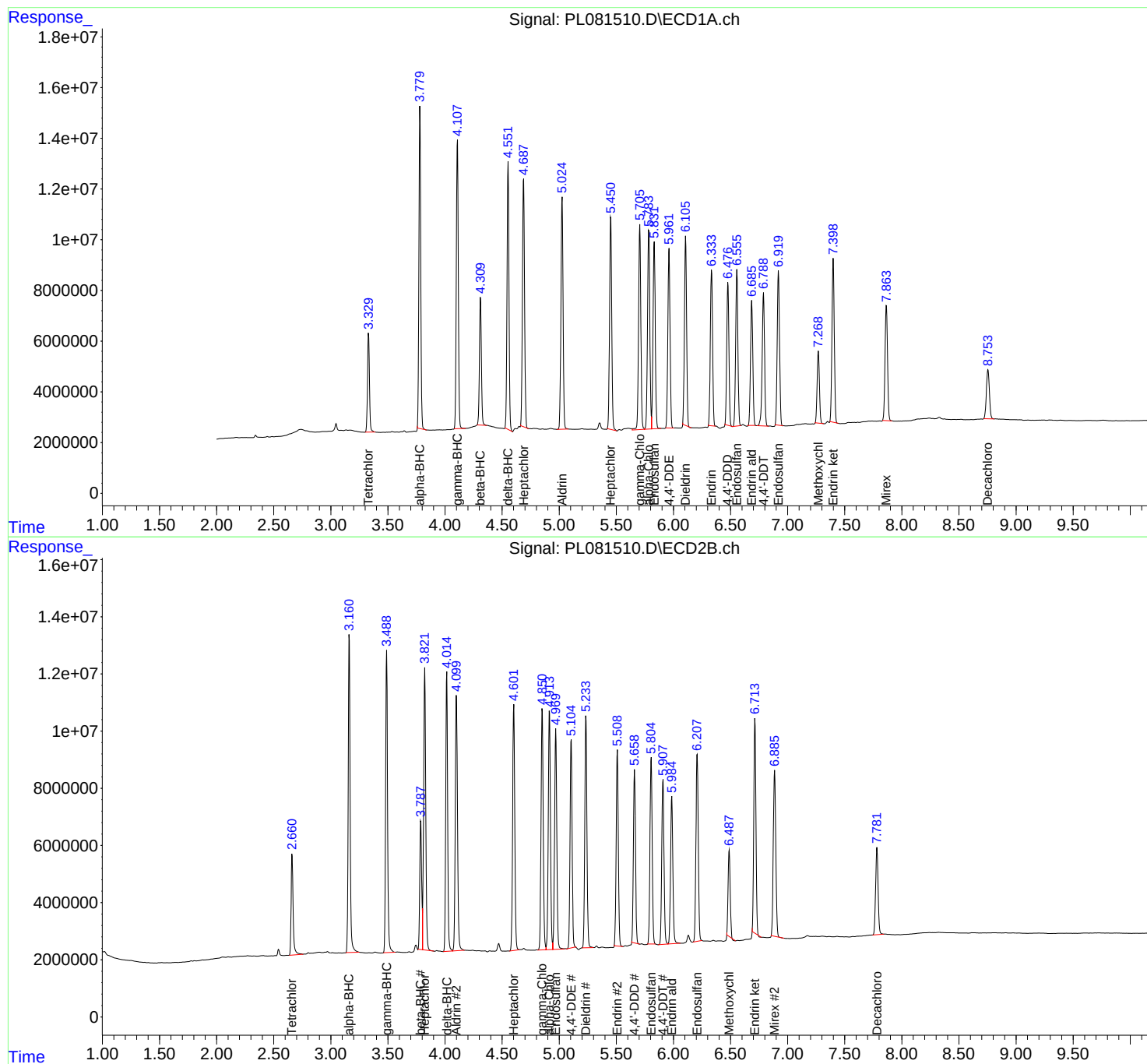
Manual Integrations

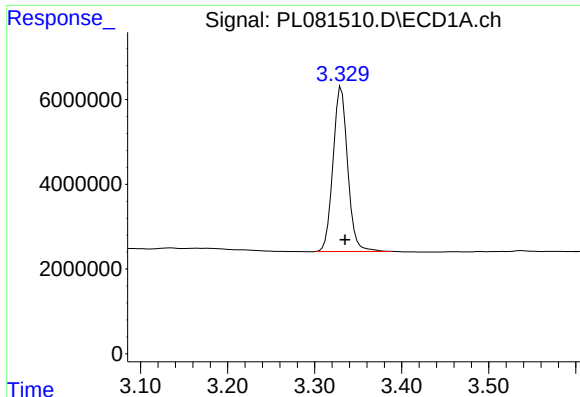
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 16 21:58:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
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QLast Update : Fri Mar 03 01:48:45 2023
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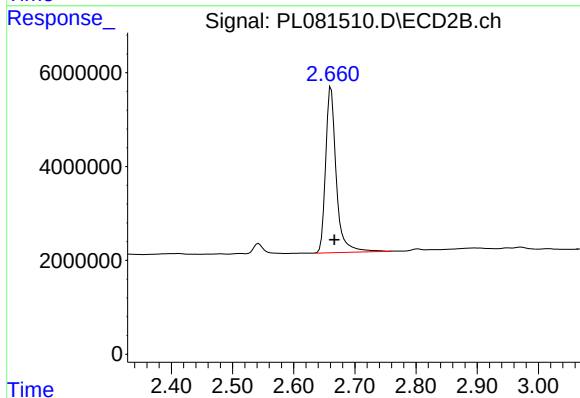
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 45627546
Conc: 21.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

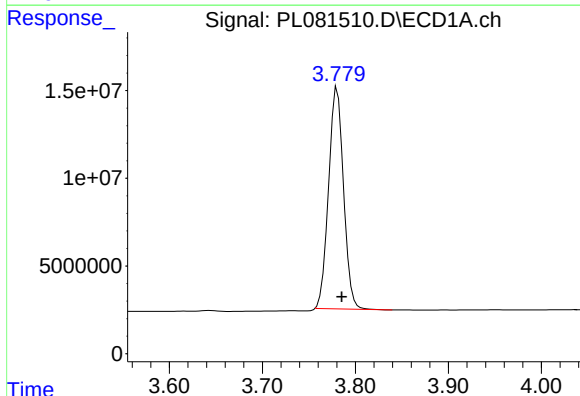
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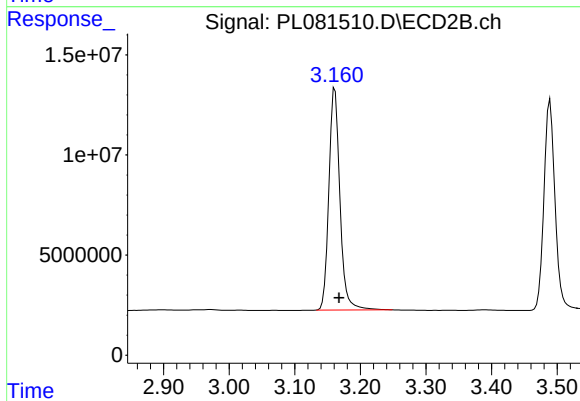
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 42522147
Conc: 21.01 ng/ml



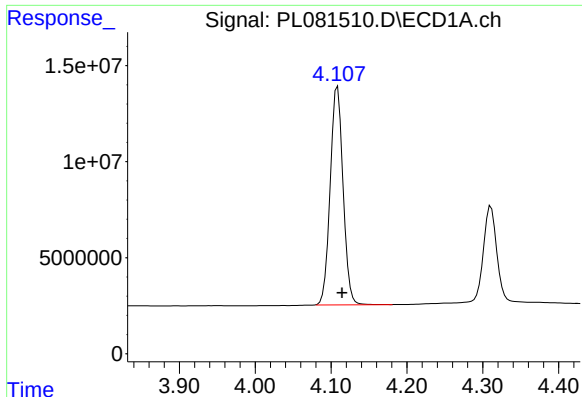
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 141315711
Conc: 44.42 ng/ml



#2 alpha-BHC

R.T.: 3.161 min
Delta R.T.: -0.006 min
Response: 130079540
Conc: 44.39 ng/ml



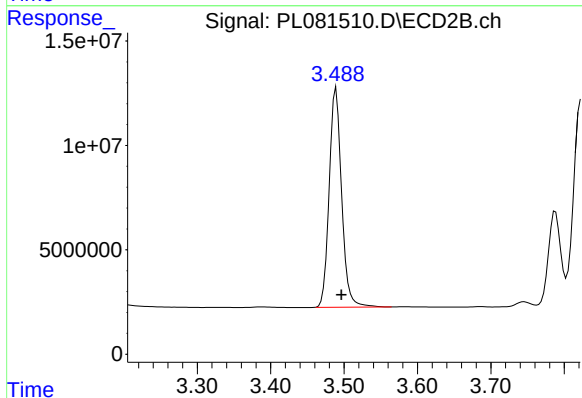
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.006 min
Response: 133970770
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

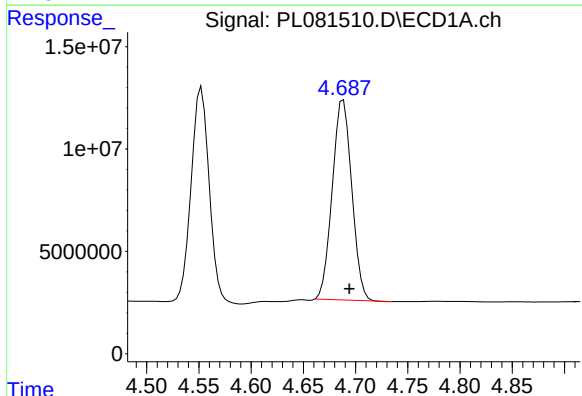
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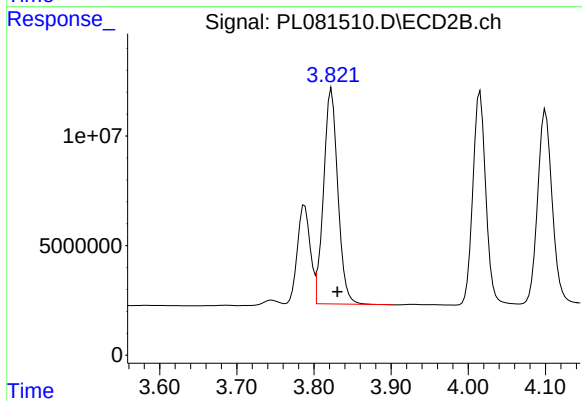
#3 gamma-BHC (Lindane)

R.T.: 3.489 min
Delta R.T.: -0.007 min
Response: 123711892
Conc: 44.97 ng/ml



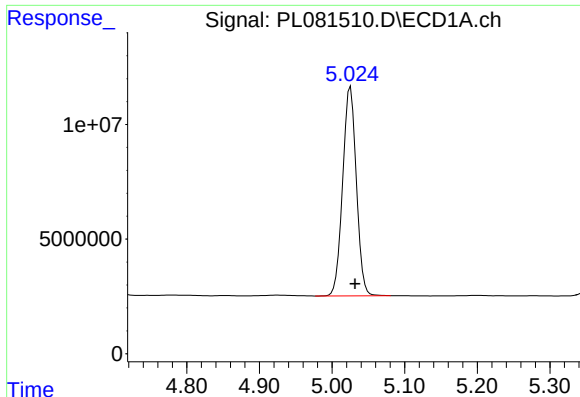
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 126854752
Conc: 45.97 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: -0.008 min
Response: 126396674
Conc: 45.80 ng/ml



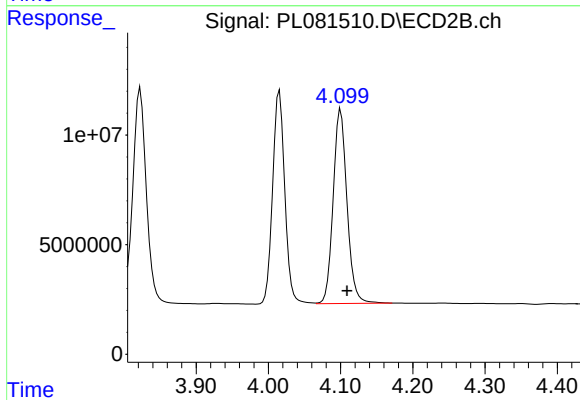
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: -0.006 min
Response: 119254471
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

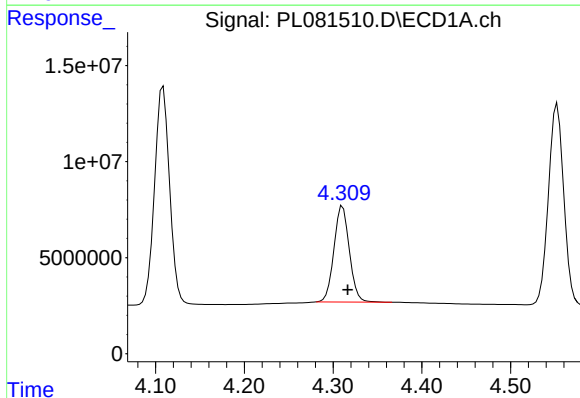
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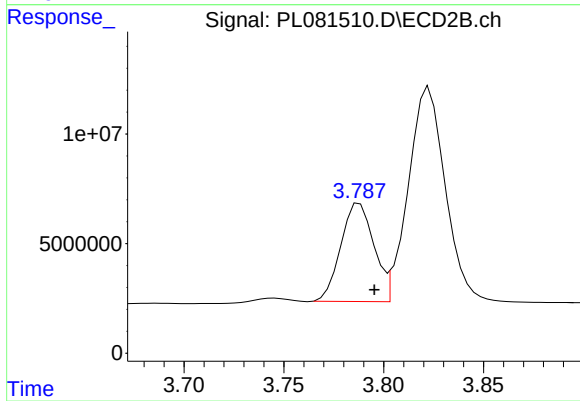
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.009 min
Response: 118144129
Conc: 45.06 ng/ml



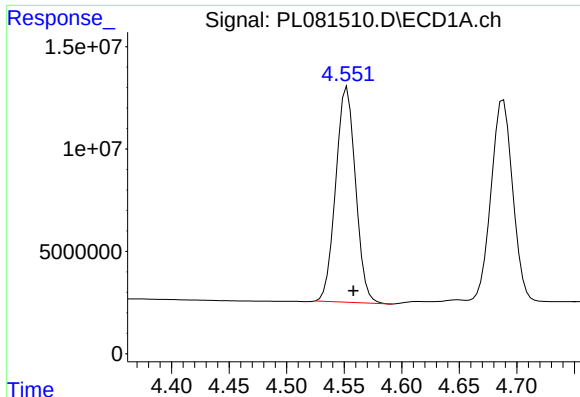
#6 beta-BHC

R.T.: 4.311 min
Delta R.T.: -0.006 min
Response: 60572471
Conc: 44.01 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.007 min
Response: 51747355
Conc: 44.59 ng/ml



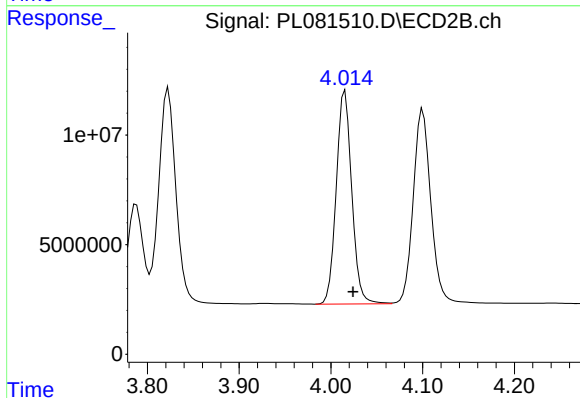
#7 delta-BHC

R.T.: 4.553 min
Delta R.T.: -0.006 min
Response: 126080525
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

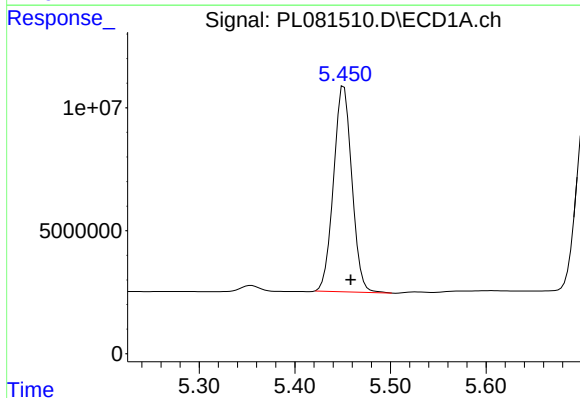
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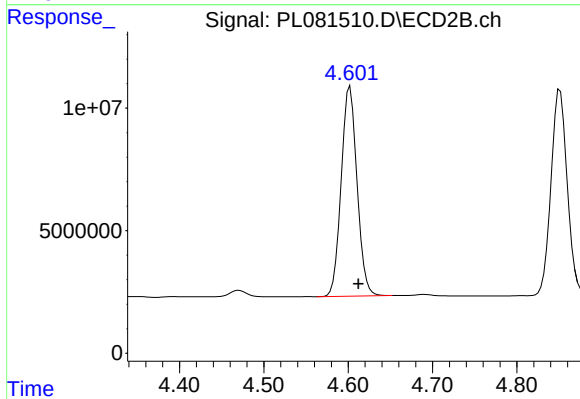
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 114316080
Conc: 44.89 ng/ml



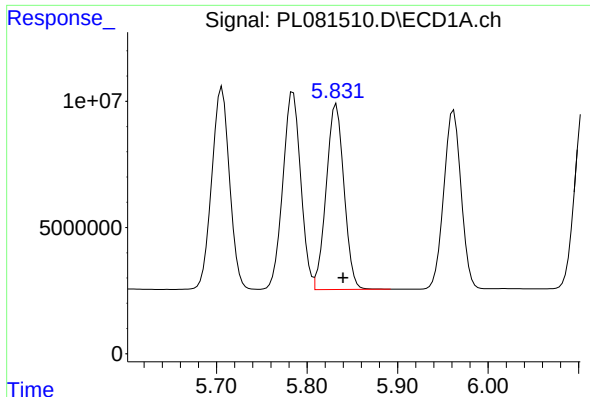
#8 Heptachlor epoxide

R.T.: 5.451 min
Delta R.T.: -0.007 min
Response: 111106534
Conc: 47.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.602 min
Delta R.T.: -0.010 min
Response: 111729743
Conc: 46.21 ng/ml



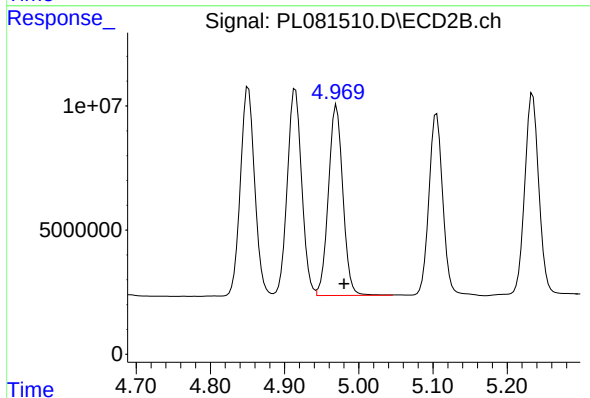
#9 Endosulfan I

R.T.: 5.832 min
Delta R.T.: -0.007 min
Response: 100671376
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

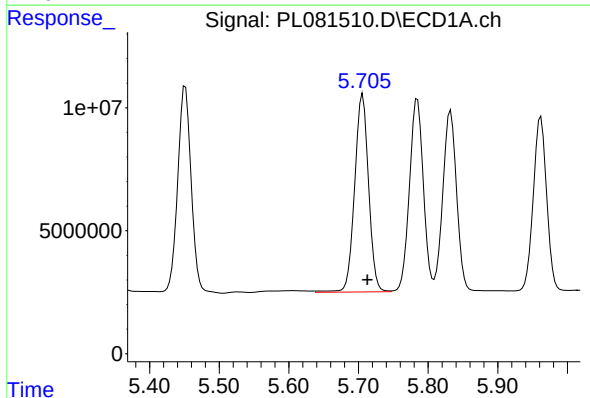
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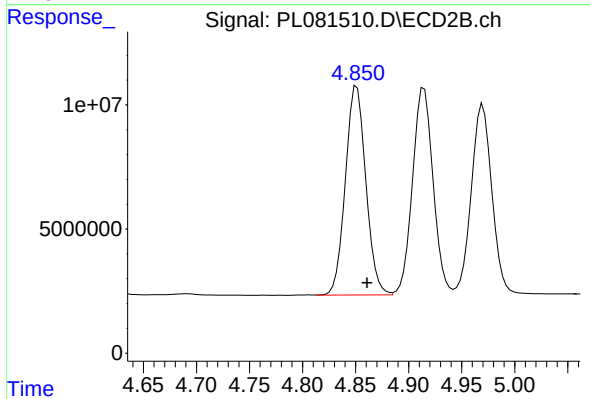
#9 Endosulfan I

R.T.: 4.970 min
Delta R.T.: -0.010 min
Response: 104047376
Conc: 45.96 ng/ml



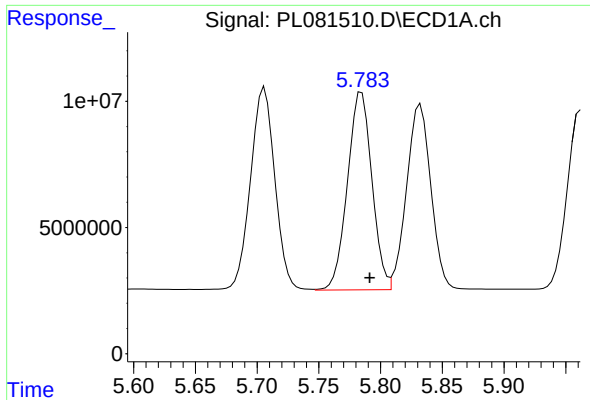
#10 gamma-Chlordane

R.T.: 5.706 min
Delta R.T.: -0.007 min
Response: 111696229
Conc: 48.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.851 min
Delta R.T.: -0.010 min
Response: 112879916
Conc: 46.12 ng/ml



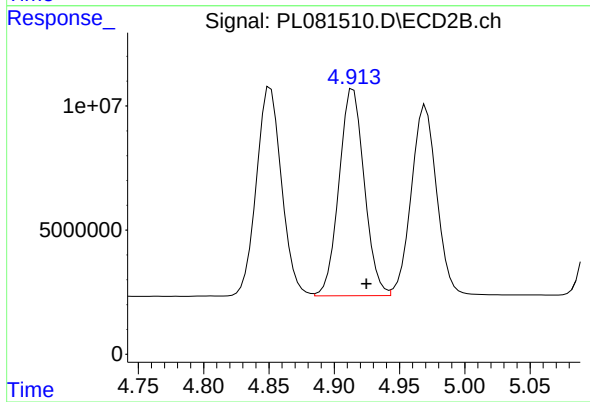
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: -0.007 min
Response: 108073186
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

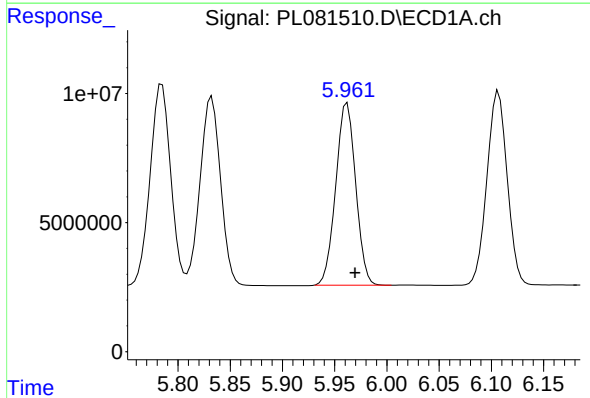
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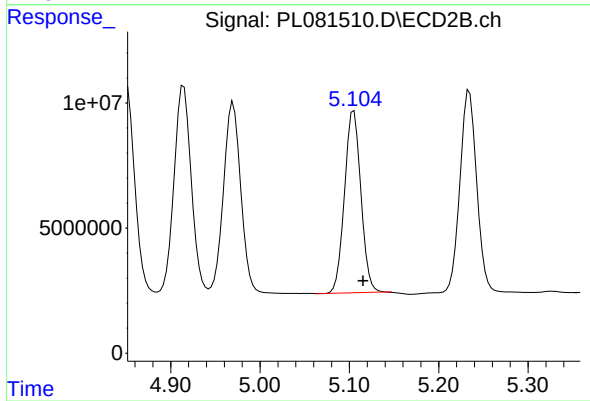
#11 alpha-Chlordane

R.T.: 4.915 min
Delta R.T.: -0.010 min
Response: 112386735
Conc: 45.90 ng/ml



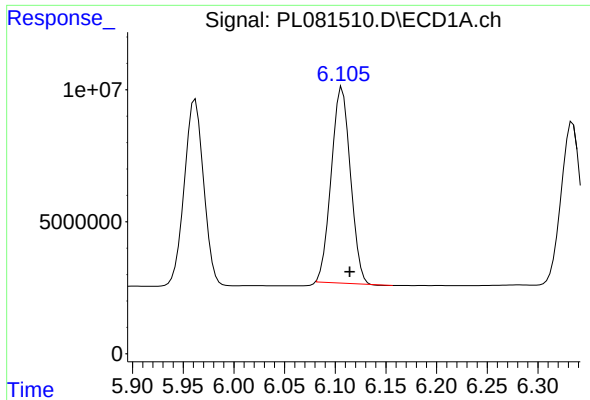
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 93570453
Conc: 47.82 ng/ml



#12 4,4'-DDE

R.T.: 5.104 min
Delta R.T.: -0.012 min
Response: 92687243
Conc: 47.22 ng/ml m



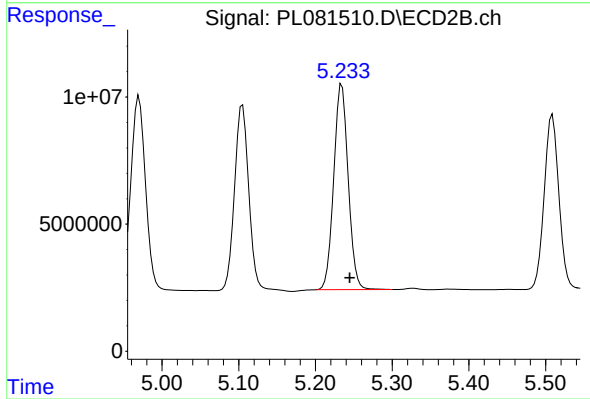
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: -0.007 min
Response: 97862673
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

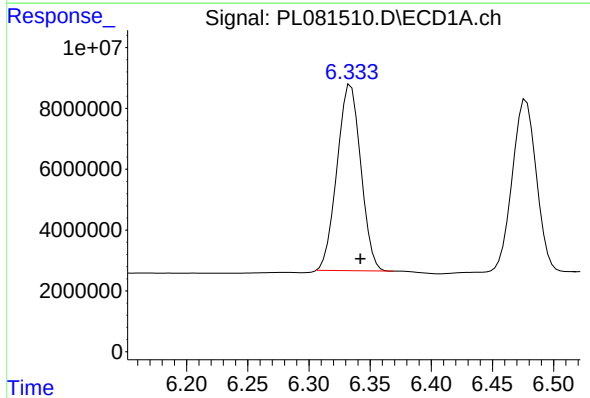
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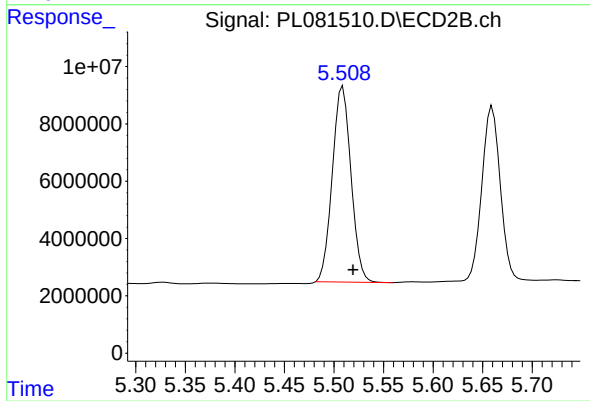
#13 Dieldrin

R.T.: 5.234 min
Delta R.T.: -0.011 min
Response: 105718755
Conc: 46.90 ng/ml



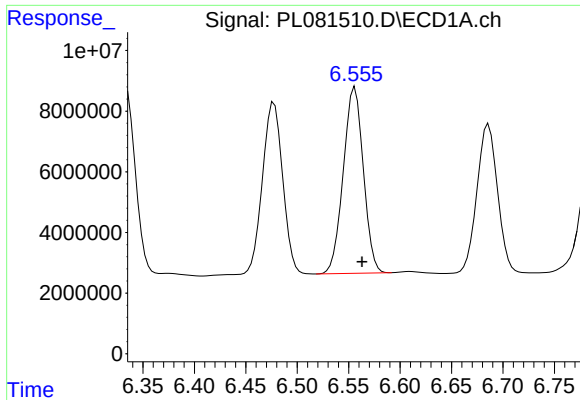
#14 Endrin

R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 82807190
Conc: 45.56 ng/ml



#14 Endrin

R.T.: 5.509 min
Delta R.T.: -0.010 min
Response: 89509387
Conc: 44.54 ng/ml



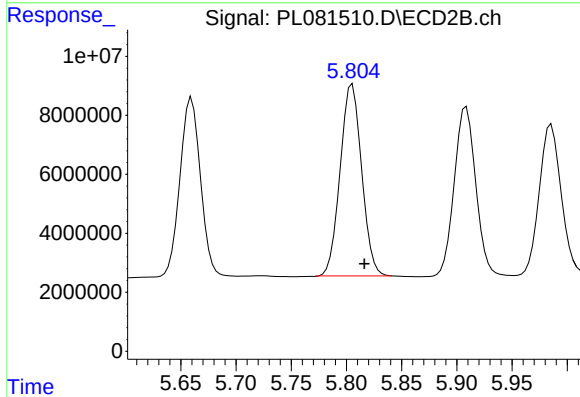
#15 Endosulfan II

R.T.: 6.556 min
Delta R.T.: -0.007 min
Response: 83308821
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

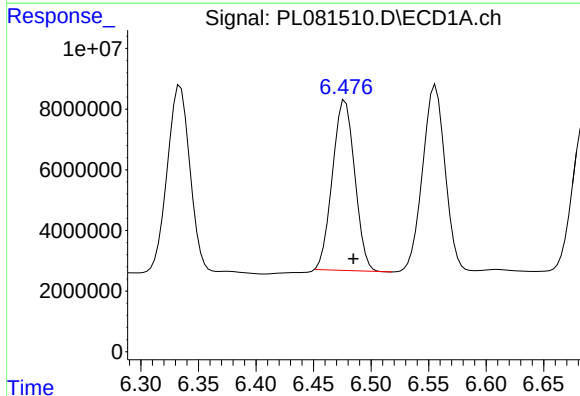
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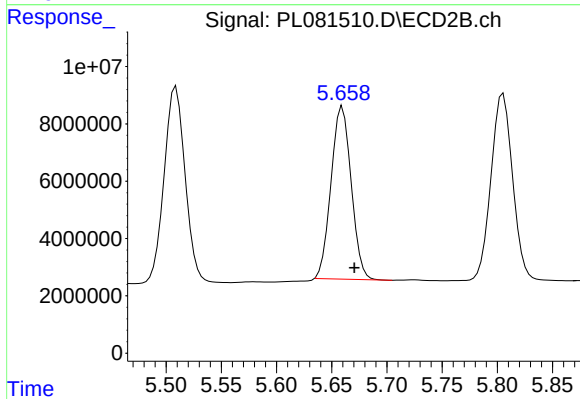
#15 Endosulfan II

R.T.: 5.804 min
Delta R.T.: -0.012 min
Response: 88165359
Conc: 47.82 ng/ml m



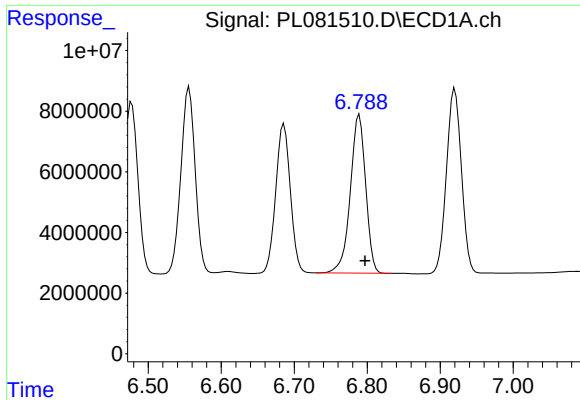
#16 4,4'-DDD

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 75748523
Conc: 49.21 ng/ml



#16 4,4'-DDD

R.T.: 5.660 min
Delta R.T.: -0.011 min
Response: 76487069
Conc: 49.86 ng/ml



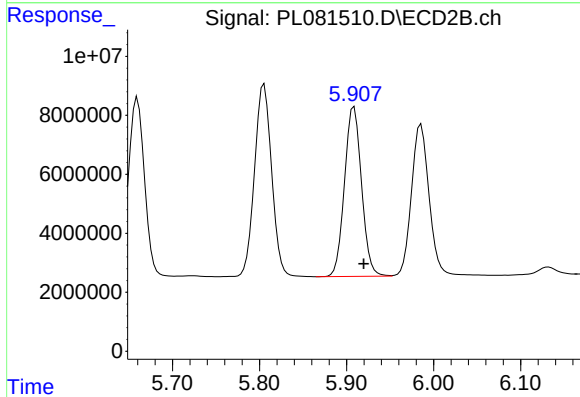
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 76333558
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

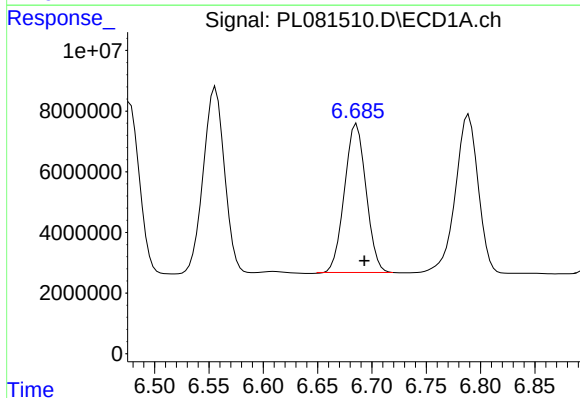
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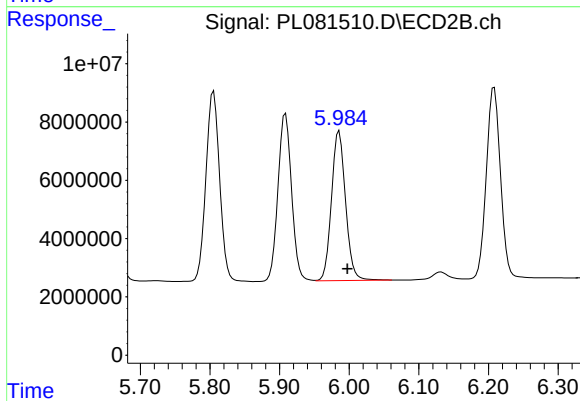
#17 4,4'-DDT

R.T.: 5.909 min
Delta R.T.: -0.011 min
Response: 78212472
Conc: 48.75 ng/ml



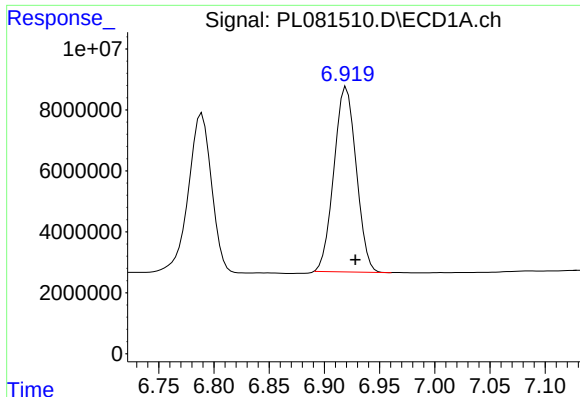
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.009 min
Response: 67703233
Conc: 47.30 ng/ml m



#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.012 min
Response: 72040781
Conc: 47.55 ng/ml



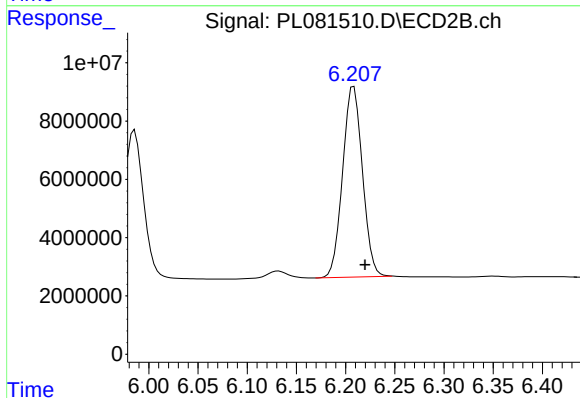
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 85410904
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

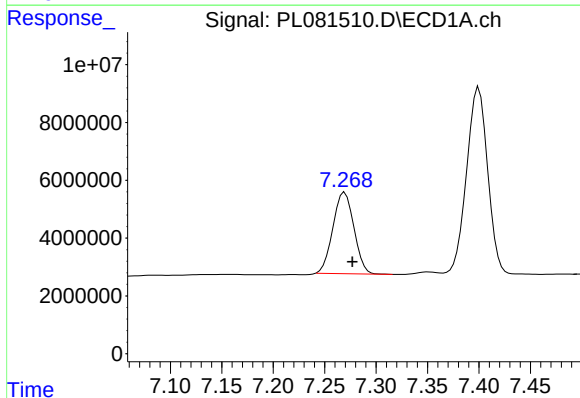
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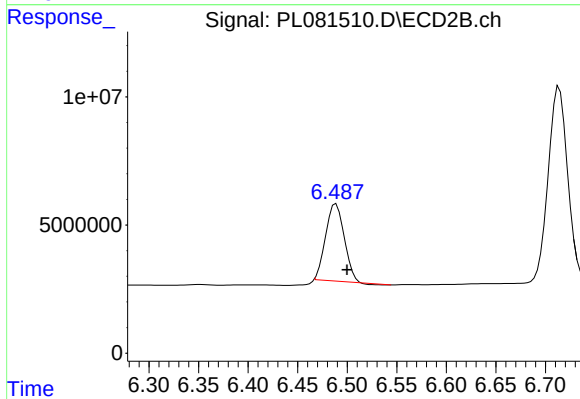
#19 Endosulfan Sulfate

R.T.: 6.207 min
Delta R.T.: -0.013 min
Response: 91708447
Conc: 47.71 ng/ml m



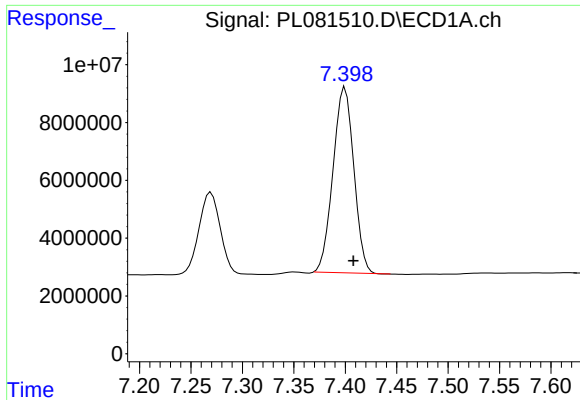
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.007 min
Response: 40031641
Conc: 46.47 ng/ml



#20 Methoxychlor

R.T.: 6.489 min
Delta R.T.: -0.011 min
Response: 38655159
Conc: 41.65 ng/ml



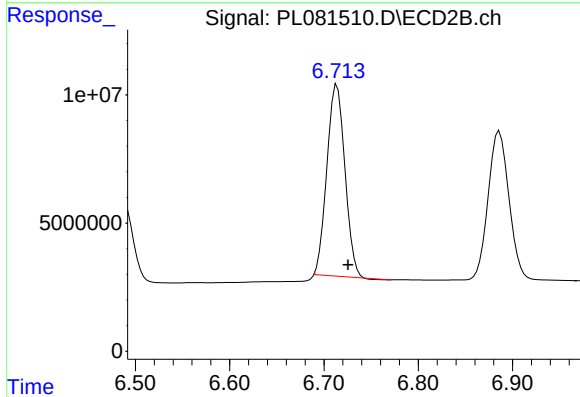
#21 Endrin ketone

R.T.: 7.400 min
Delta R.T.: -0.008 min
Response: 90199912
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

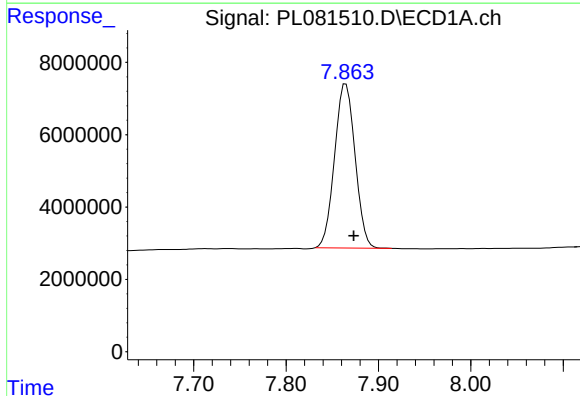
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Supervised By :Ankita Jodhani 03/17/2023



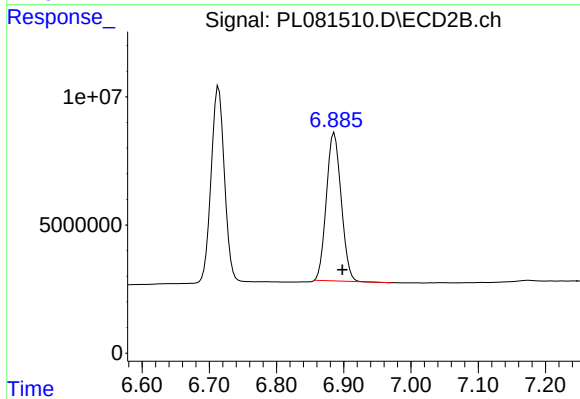
#21 Endrin ketone

R.T.: 6.714 min
Delta R.T.: -0.012 min
Response: 98965045
Conc: 45.96 ng/ml



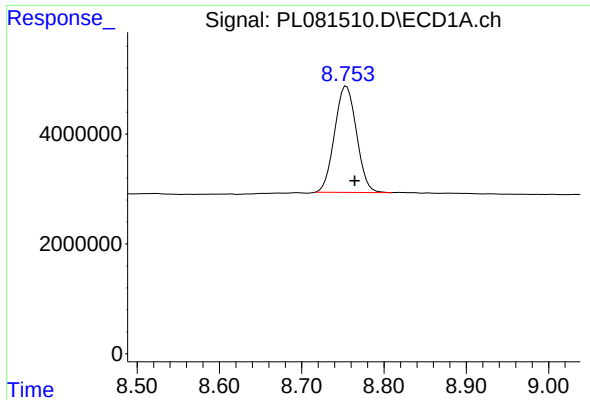
#22 Mirex

R.T.: 7.865 min
Delta R.T.: -0.009 min
Response: 70008591
Conc: 47.98 ng/ml



#22 Mirex

R.T.: 6.886 min
Delta R.T.: -0.012 min
Response: 87563391
Conc: 45.50 ng/ml



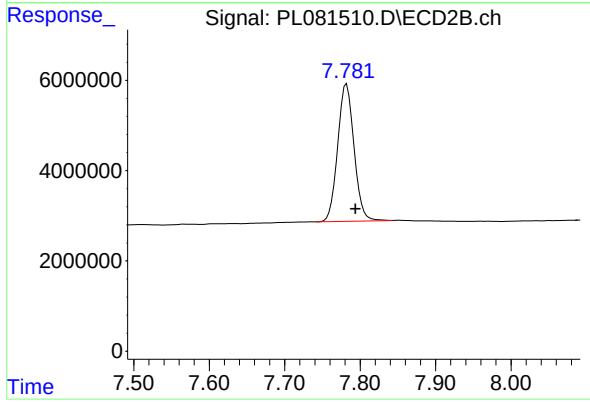
#28 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.010 min
Response: 35806467
Conc: 23.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151474BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
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#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.012 min
Response: 45782136
Conc: 23.90 ng/ml