

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030323\
 Data File : PL081247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2023 14:45
 Operator : AR\AJ
 Sample : 01770-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-223MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/06/2023
 Supervised By : Ankita Jodhani 03/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 20:56:31 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...	3.335	2.666	37354664	33408362	17.289	16.508
28) SA Decachlor...	8.761	7.790	26805397	29831310	17.583	15.573
Target Compounds						
2) A alpha-BHC	3.785	3.167	153.7E6	133.7E6	48.304	45.627
3) MA gamma-BHC...	4.112	3.495	148.6E6	136.0E6	50.224m	49.425
4) MA Heptachlor	4.693	3.829	132.6E6	128.4E6	48.059	46.543
5) MB Aldrin	5.030	4.107	130.6E6	127.6E6	51.318	48.667
6) B beta-BHC	4.315	3.794	65630887	56748789	47.680	48.895
7) B delta-BHC	4.557	4.022	134.3E6	119.1E6	48.308	46.757
8) B Heptachlo...	5.457	4.610	116.9E6	119.2E6	49.550	49.308
9) A Endosulfan I	5.838	4.978	103.7E6	97494330	49.066	43.069
10) B gamma-Chl...	5.712	4.859	121.7E6	119.9E6	53.330	48.986
11) B alpha-Chl...	5.790	4.922	115.9E6	119.7E6	51.427	48.872
12) B 4,4'-DDE	5.968	5.113	92124497	102.5E6	47.084	52.198
13) MA Dieldrin	6.112	5.243	111.1E6	126.0E6	53.062	55.883
14) MA Endrin	6.339	5.517	91496755	102.0E6	50.343	50.737
15) B Endosulfa...	6.561	5.813	89626097	102.1E6	51.406	55.385
16) A 4,4'-DDD	6.482	5.668	80481759	82060515	52.282	53.491
17) MA 4,4'-DDT	6.794	5.917	78560334	82128263	49.493	51.192
18) B Endrin al...	6.690	5.994	74700924	81385225	52.189m	53.718
19) B Endosulfa...	6.925	6.217	87552021	96646059	48.762	50.283
20) A Methoxychlor	7.274	6.497	40884336	54209793	47.465	58.410
21) B Endrin ke...	7.405	6.723	96650684	105.7E6	53.280	49.075
22) Mirex	7.870	6.894	73071620	88230974	50.080	45.843

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030323\
Data File : PL081247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Mar 2023 14:45
Operator : AR\AJ
Sample : 01770-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

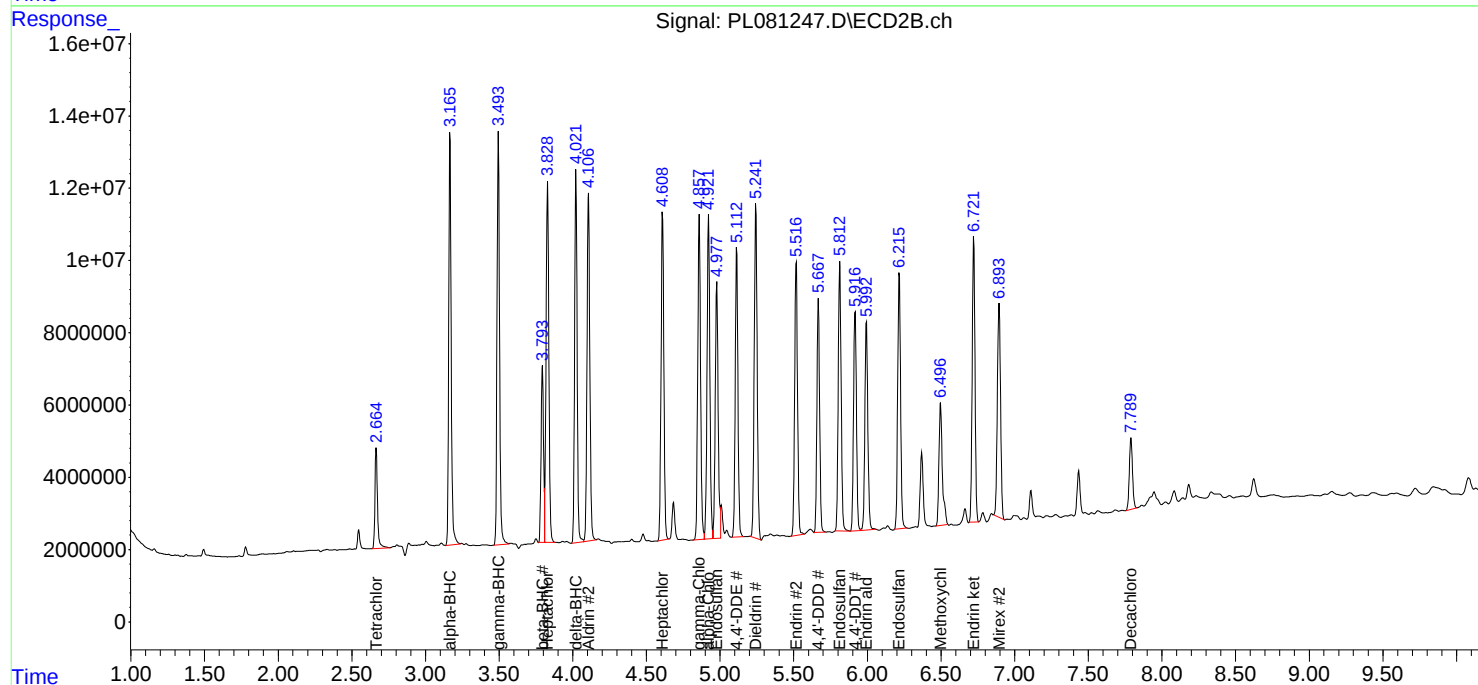
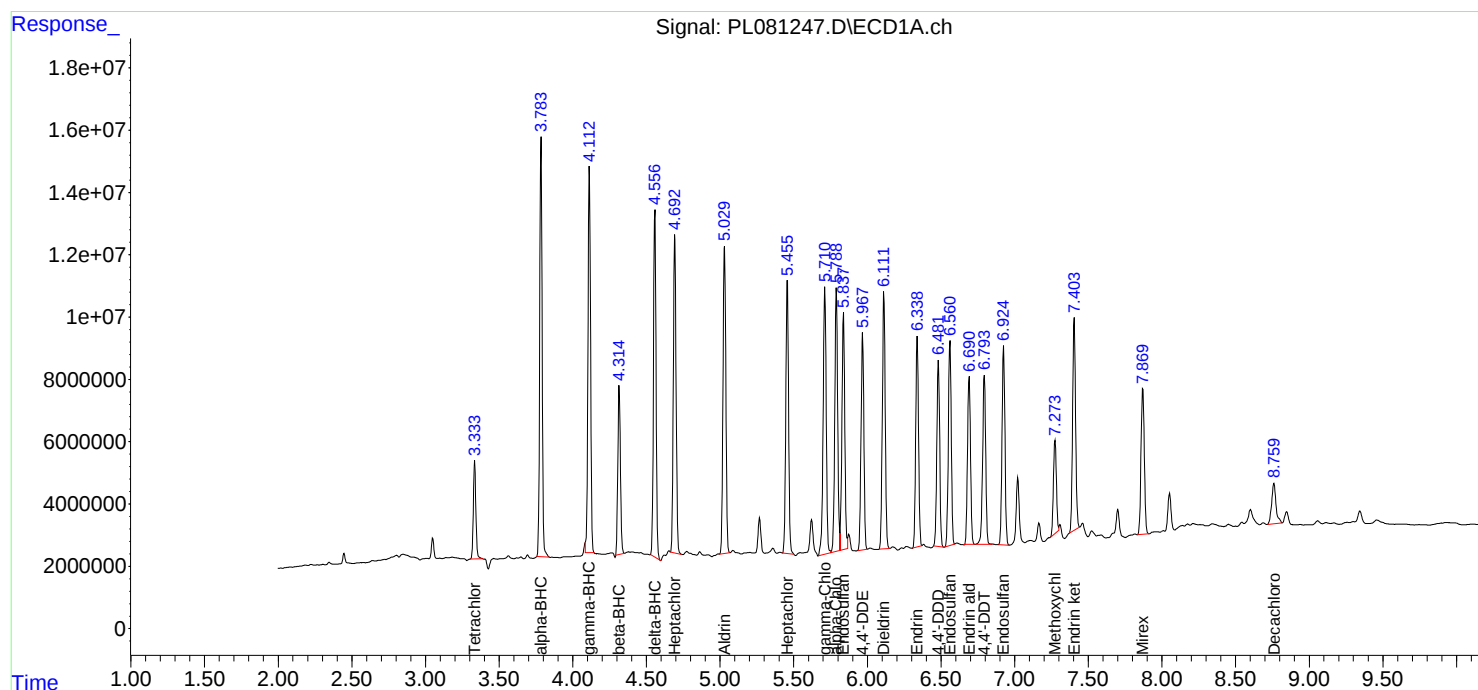
Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

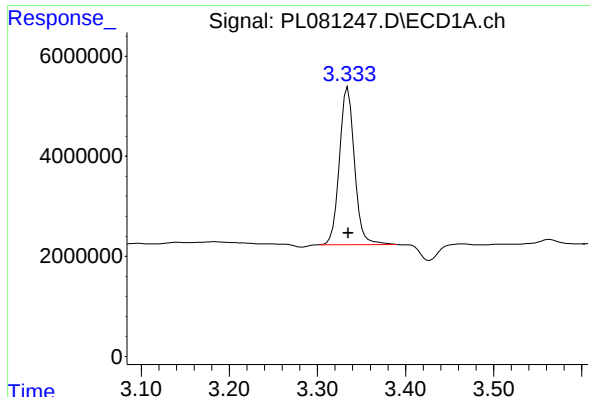
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/06/2023
Supervised By :Ankita Jodhani 03/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 20:56:31 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





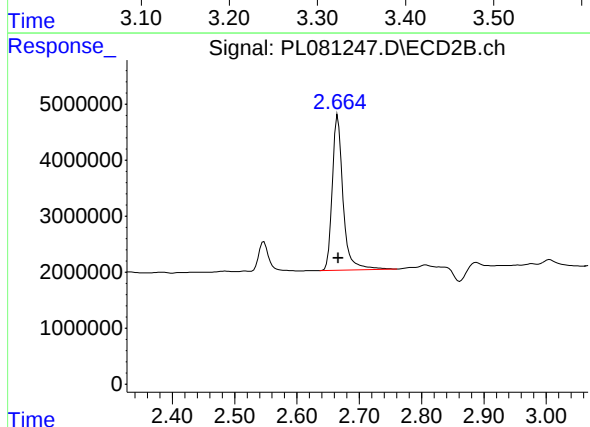
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 37354664
Conc: 17.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

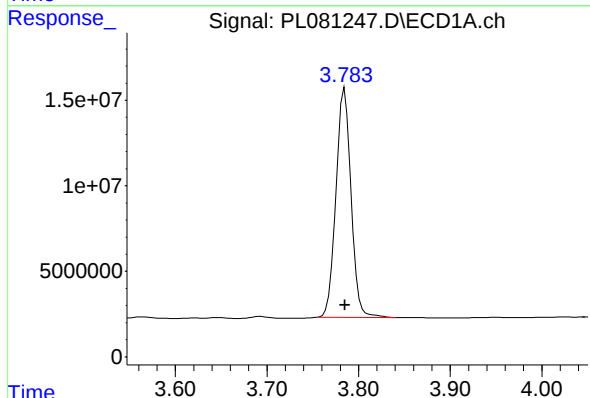
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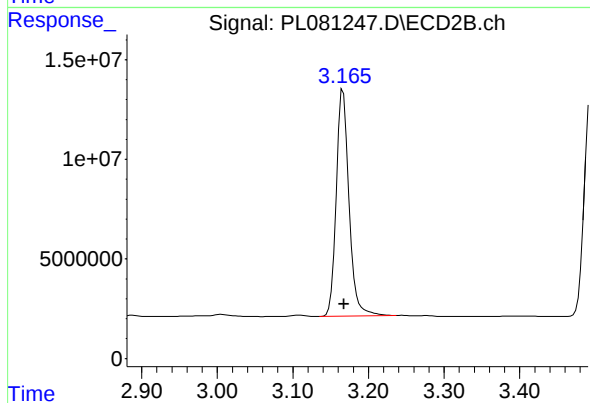
#1 Tetrachloro-m-xylene

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 33408362
Conc: 16.51 ng/ml



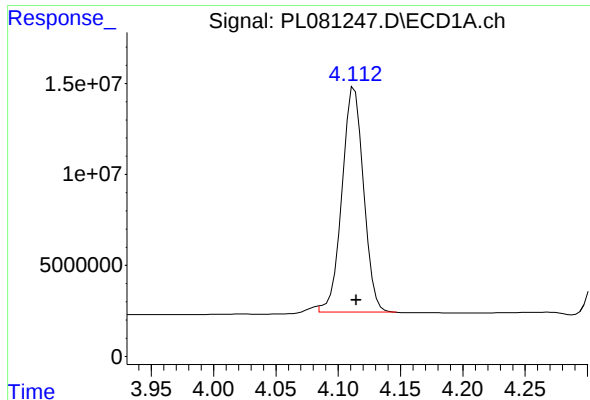
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 153669105
Conc: 48.30 ng/ml



#2 alpha-BHC

R.T.: 3.167 min
Delta R.T.: -0.001 min
Response: 133714960
Conc: 45.63 ng/ml



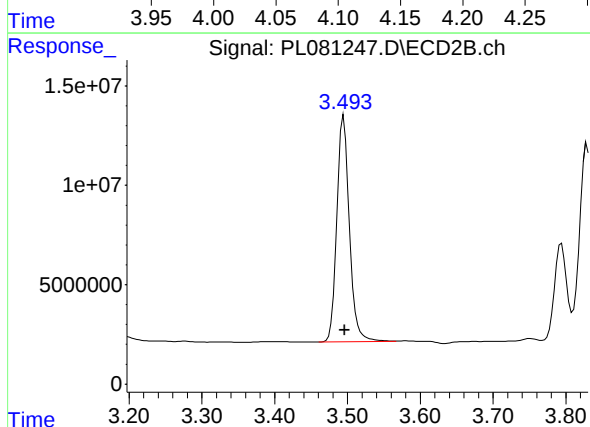
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: -0.003 min
Response: 148591664
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

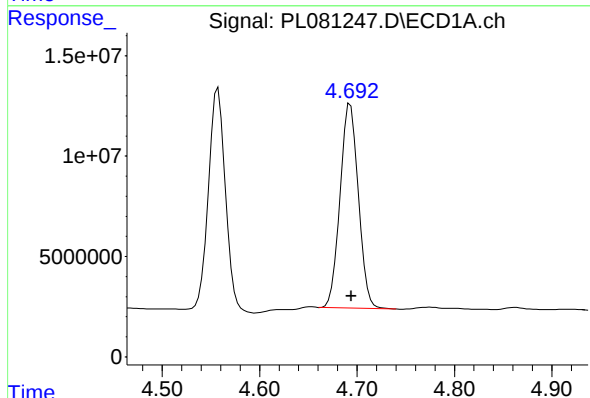
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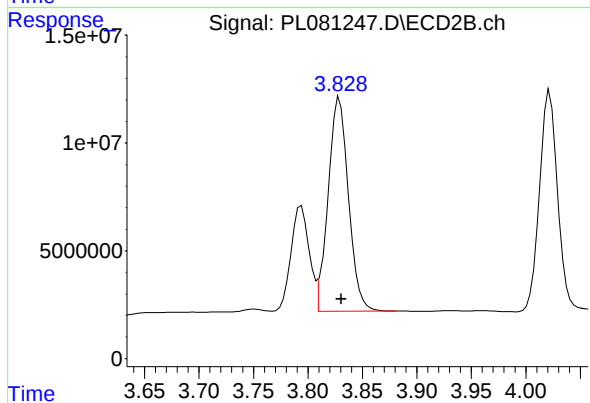
#3 gamma-BHC (Lindane)

R.T.: 3.495 min
Delta R.T.: -0.002 min
Response: 135970620
Conc: 49.42 ng/ml



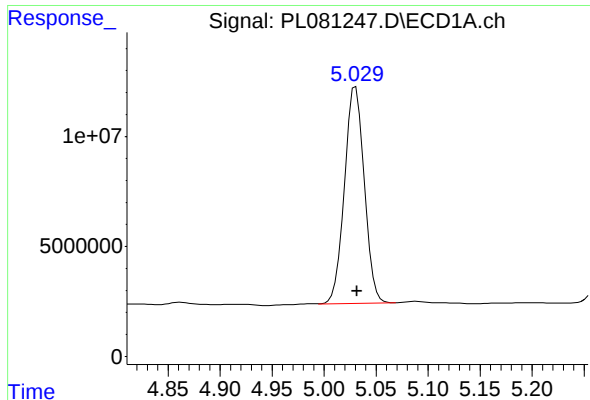
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 132612221
Conc: 48.06 ng/ml



#4 Heptachlor

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 128435949
Conc: 46.54 ng/ml



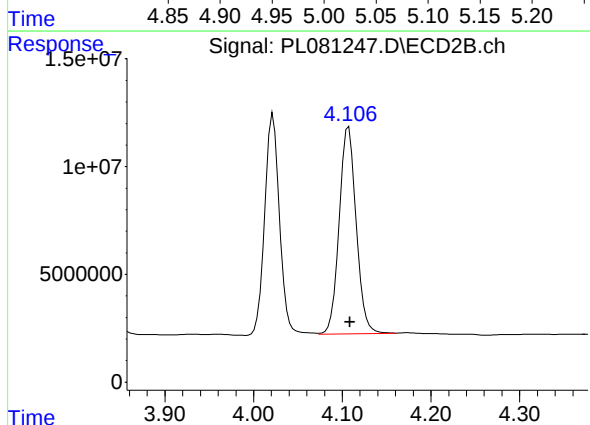
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 130559046
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

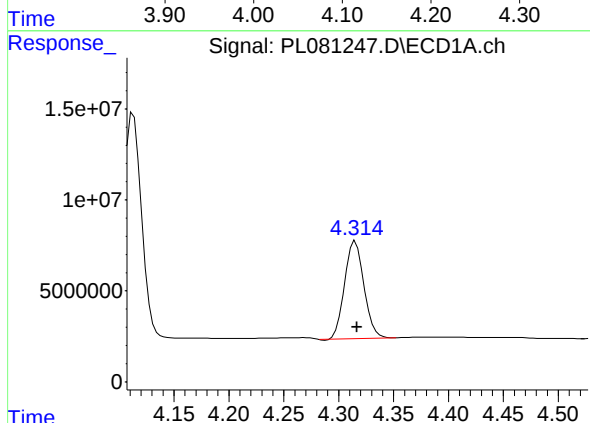
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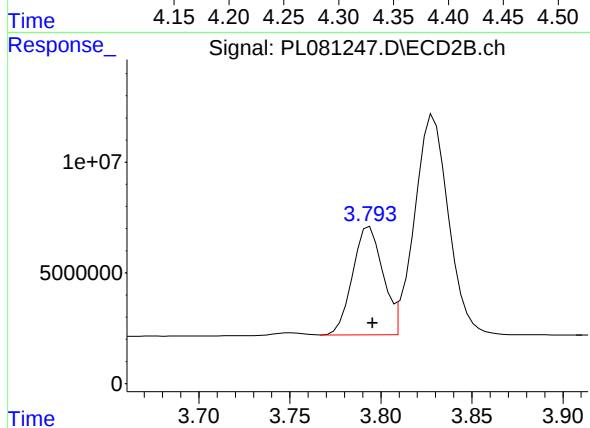
#5 Aldrin

R.T.: 4.107 min
Delta R.T.: -0.002 min
Response: 127590683
Conc: 48.67 ng/ml



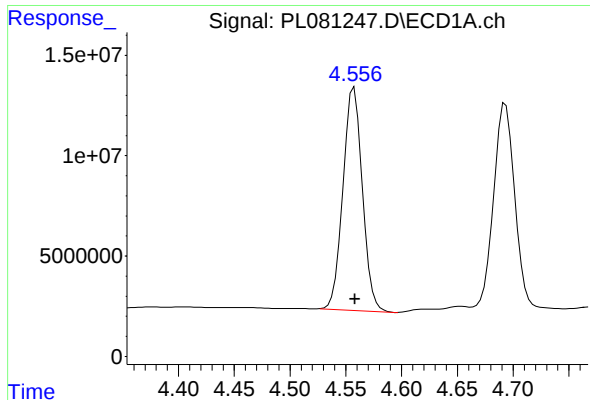
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: -0.001 min
Response: 65630887
Conc: 47.68 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.001 min
Response: 56748789
Conc: 48.89 ng/ml



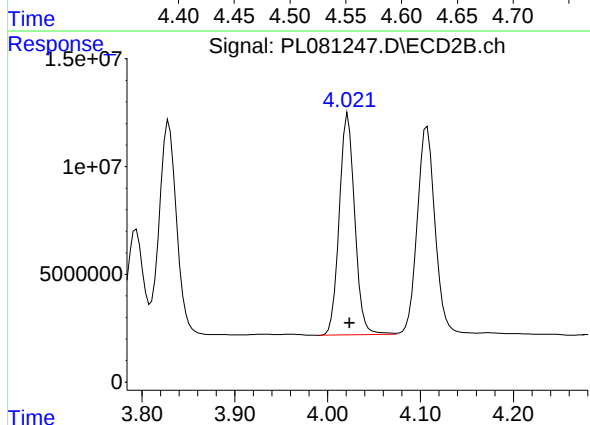
#7 delta-BHC

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 134258285
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

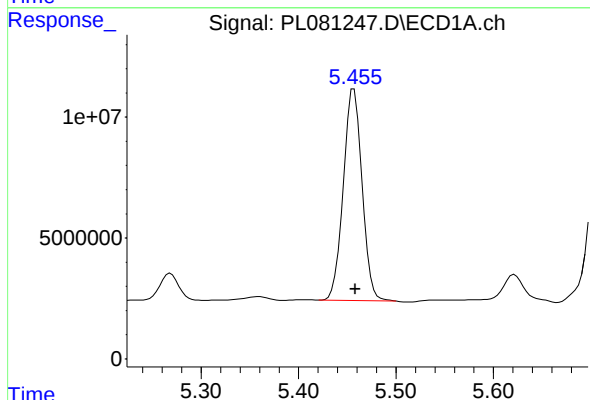
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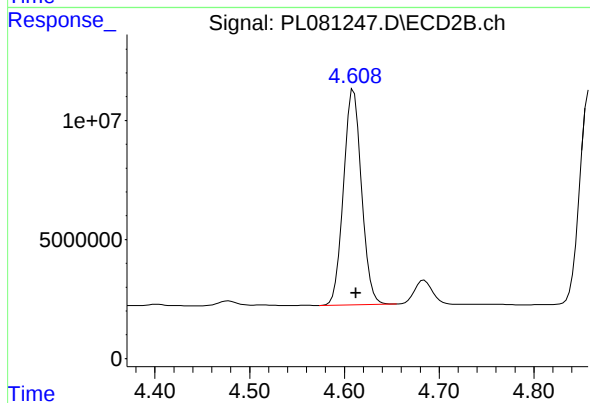
#7 delta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 119073360
Conc: 46.76 ng/ml



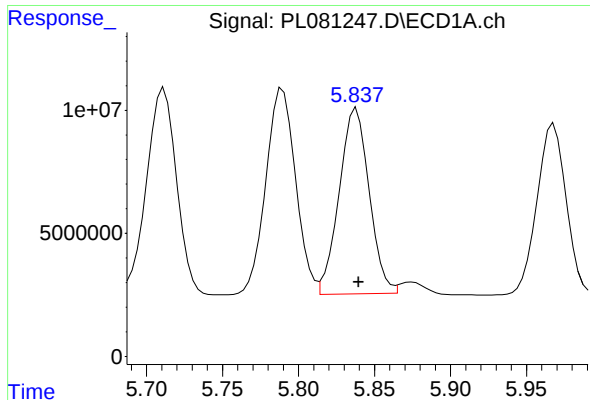
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.001 min
Response: 116939736
Conc: 49.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 119232743
Conc: 49.31 ng/ml



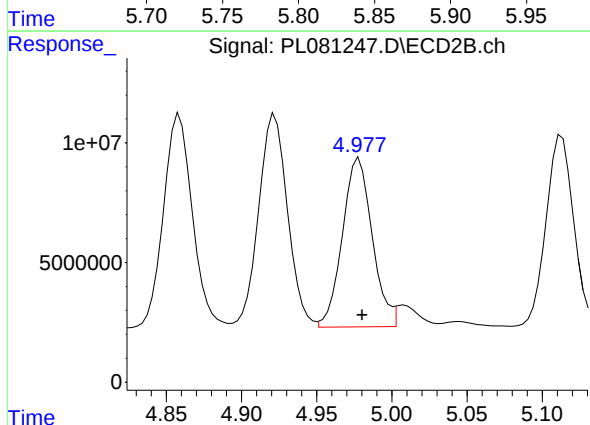
#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.002 min
Response: 103663678
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

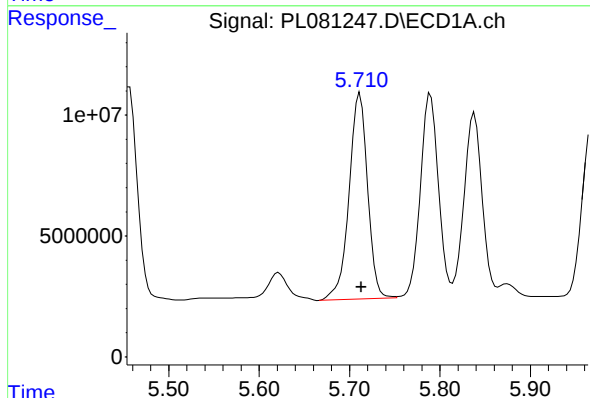
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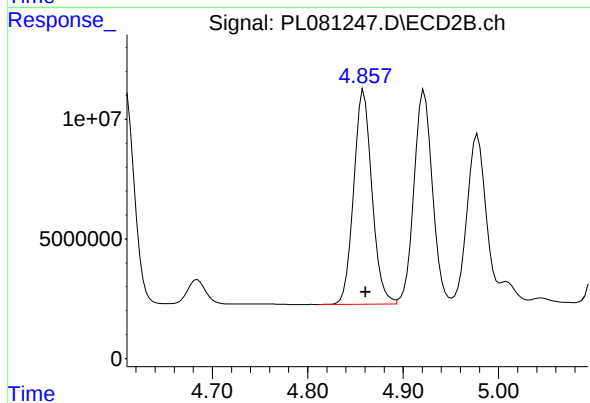
#9 Endosulfan I

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 97494330
Conc: 43.07 ng/ml



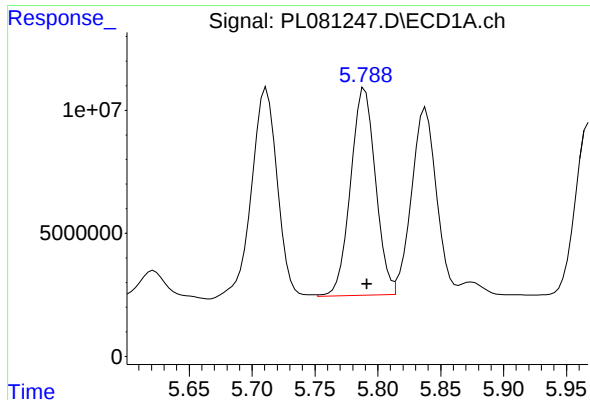
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 121693426
Conc: 53.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 119906318
Conc: 48.99 ng/ml



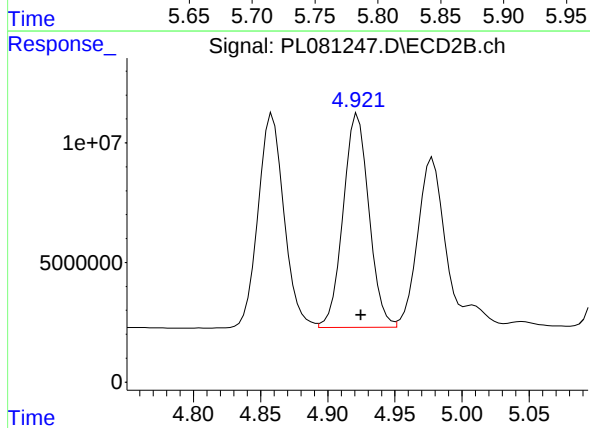
#11 alpha-Chlordane

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 115860882
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

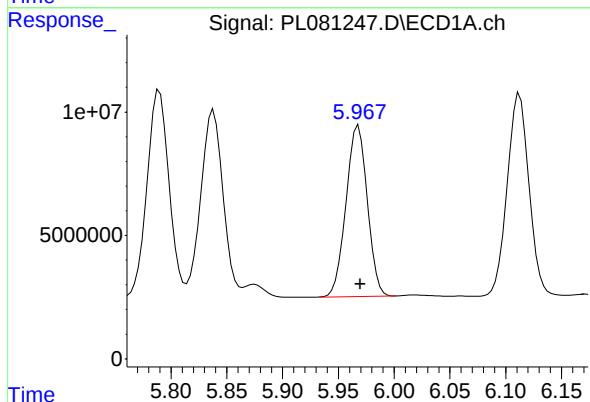
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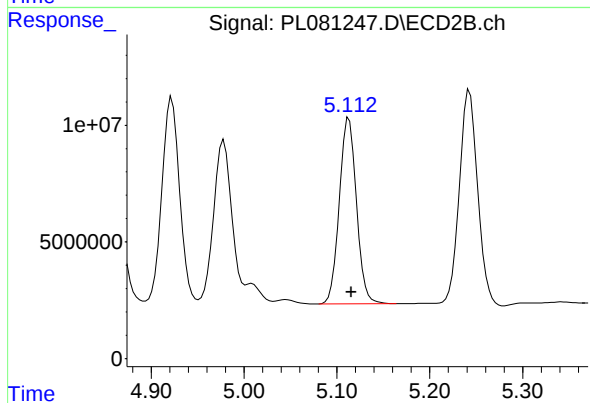
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 119666331
Conc: 48.87 ng/ml



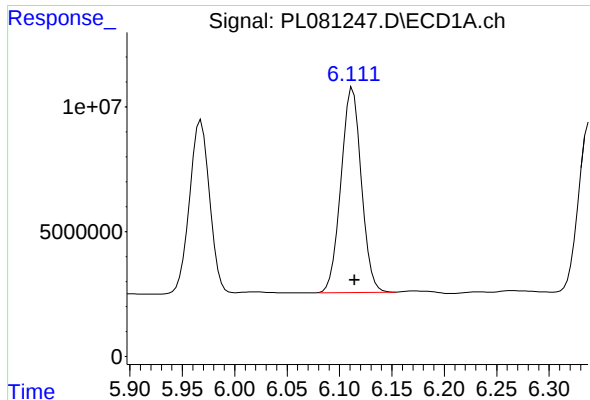
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 92124497
Conc: 47.08 ng/ml



#12 4,4'-DDE

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 102457288
Conc: 52.20 ng/ml



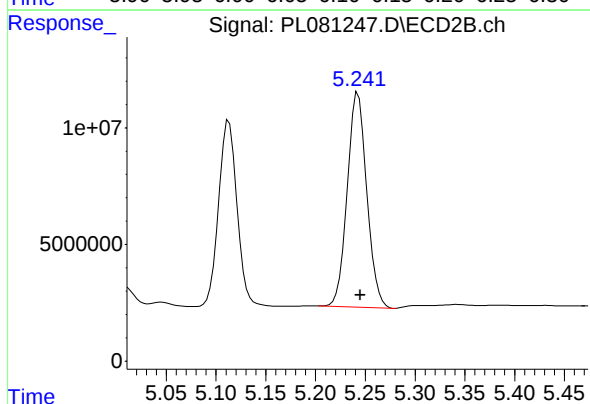
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 111058166
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

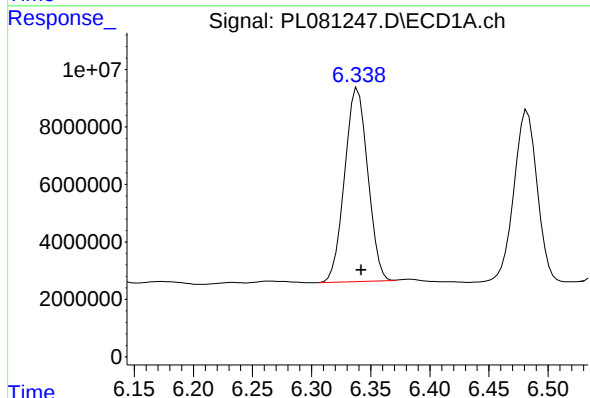
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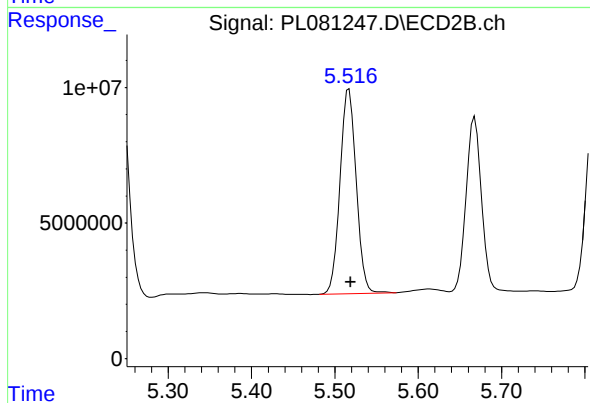
#13 Dieldrin

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 125981045
Conc: 55.88 ng/ml



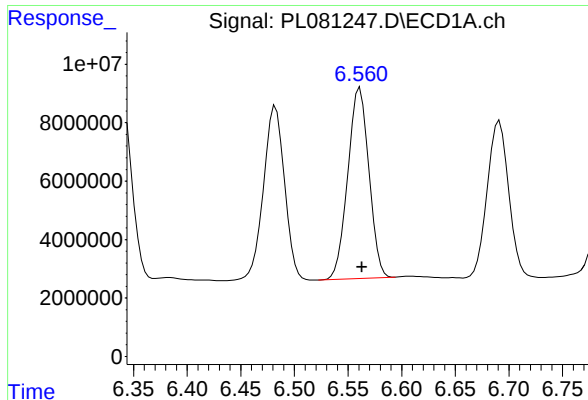
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 91496755
Conc: 50.34 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 101962692
Conc: 50.74 ng/ml



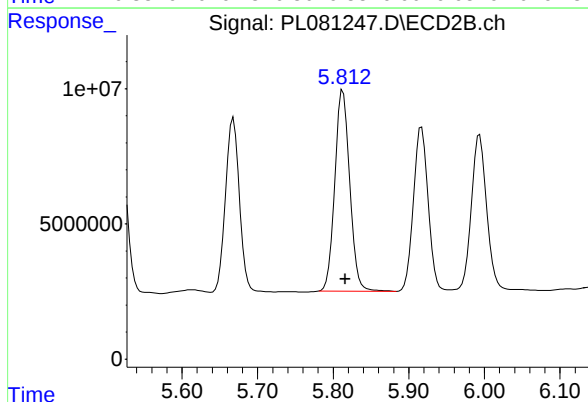
#15 Endosulfan II

R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 89626097
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

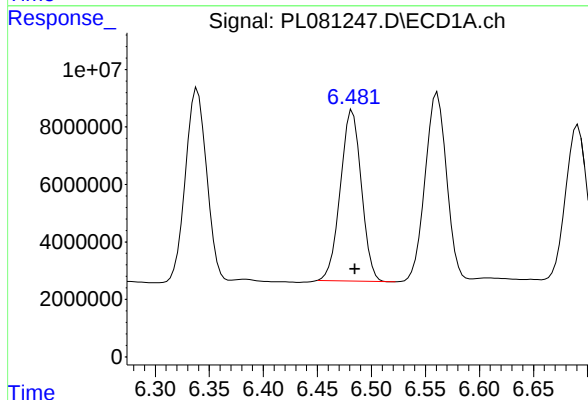
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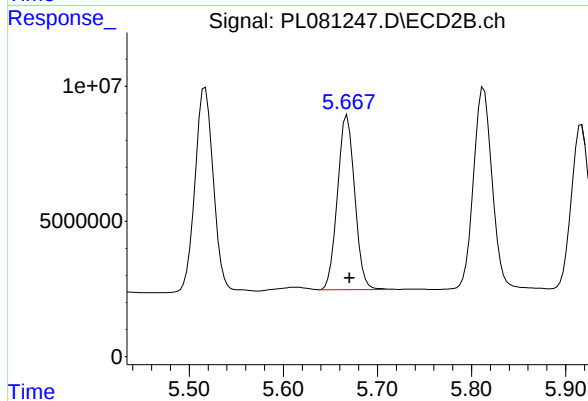
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 102114446
Conc: 55.39 ng/ml



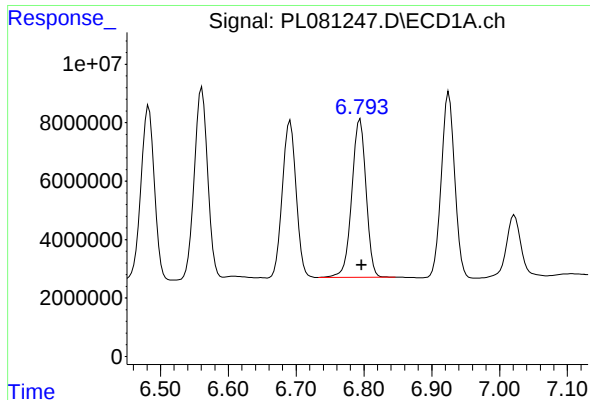
#16 4,4'-DDD

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 80481759
Conc: 52.28 ng/ml



#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 82060515
Conc: 53.49 ng/ml



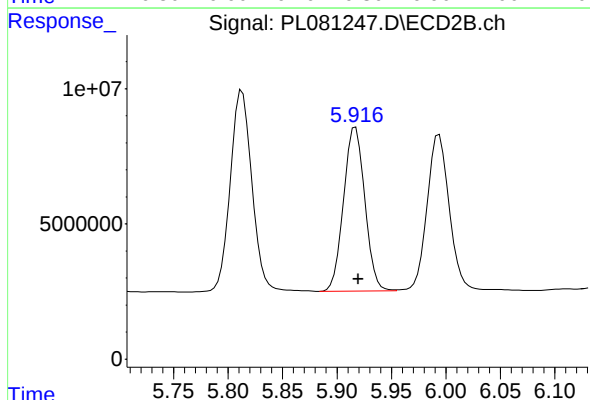
#17 4,4'-DDT

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 78560334
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

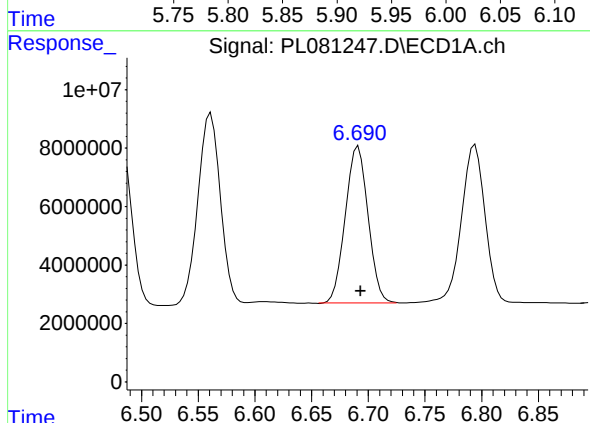
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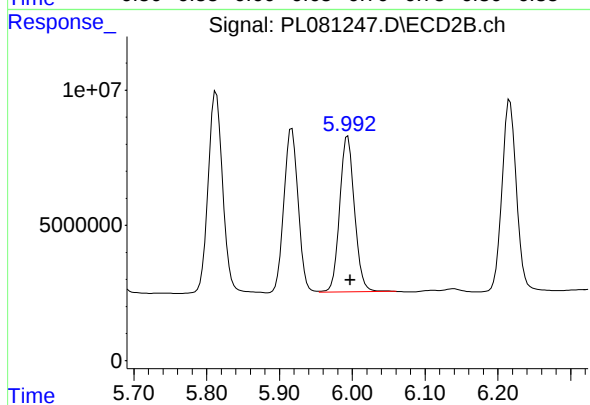
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 82128263
Conc: 51.19 ng/ml



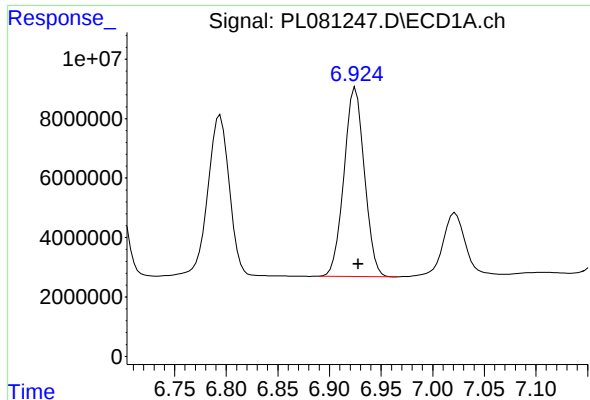
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 74700924
Conc: 52.19 ng/ml m



#18 Endrin aldehyde

R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 81385225
Conc: 53.72 ng/ml



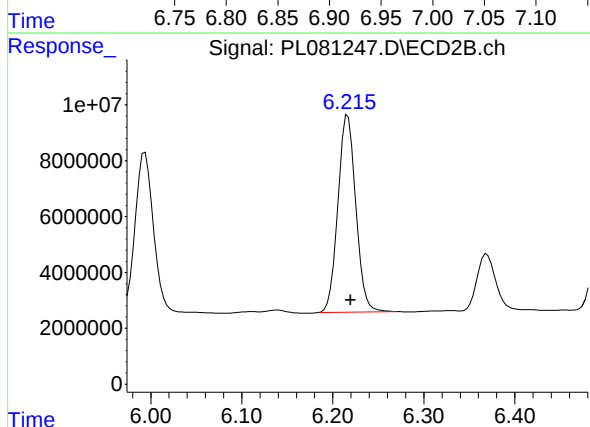
#19 Endosulfan Sulfate

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 87552021
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

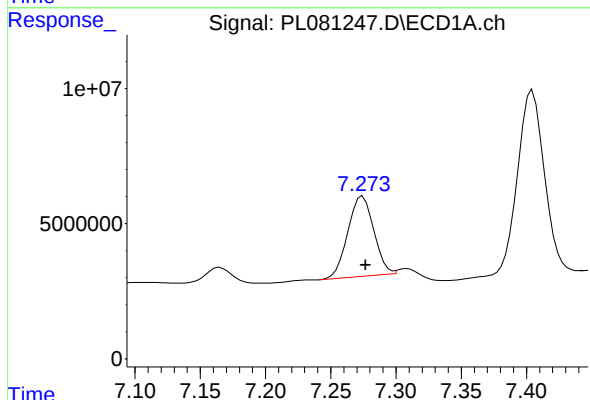
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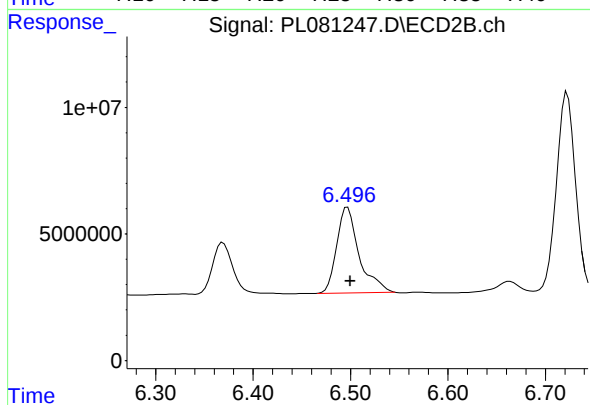
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 96646059
Conc: 50.28 ng/ml



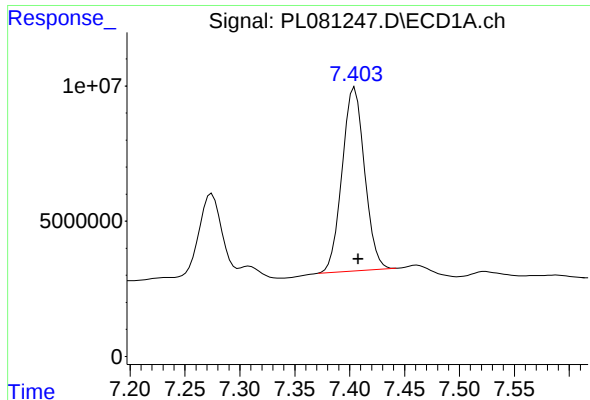
#20 Methoxychlor

R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 40884336
Conc: 47.46 ng/ml



#20 Methoxychlor

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 54209793
Conc: 58.41 ng/ml



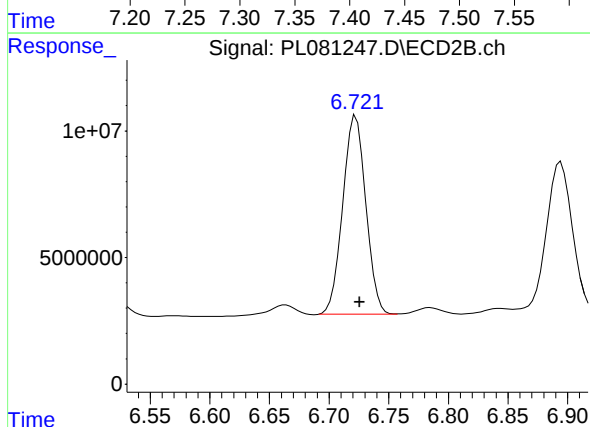
#21 Endrin ketone

R.T.: 7.405 min
Delta R.T.: -0.004 min
Response: 96650684
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

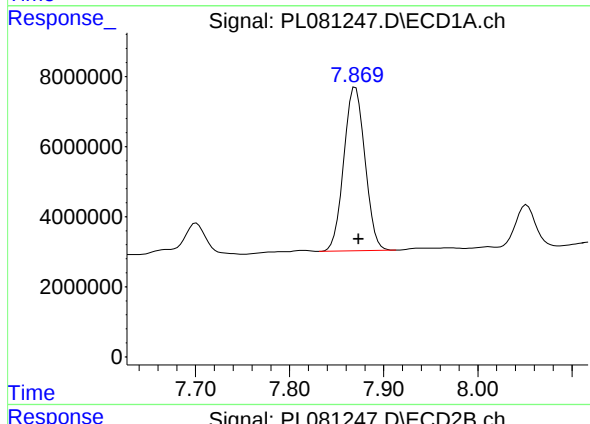
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/06/2023
Supervised By :Ankita Jodhani 03/06/2023



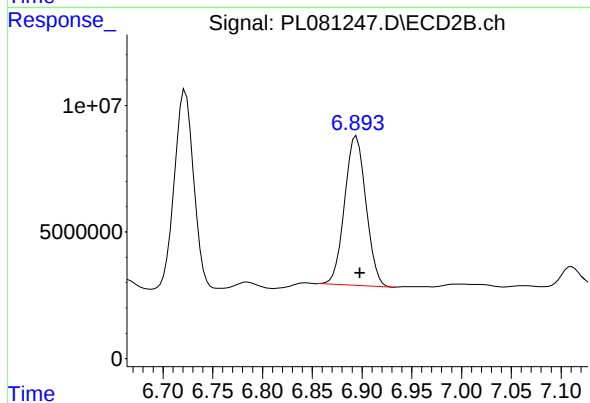
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 105661941
Conc: 49.07 ng/ml



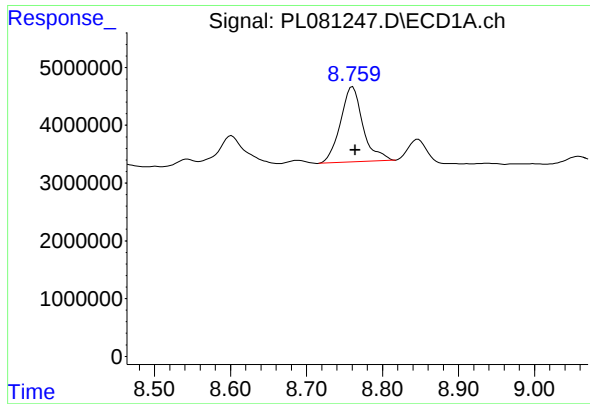
#22 Mirex

R.T.: 7.870 min
Delta R.T.: -0.003 min
Response: 73071620
Conc: 50.08 ng/ml



#22 Mirex

R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 88230974
Conc: 45.84 ng/ml



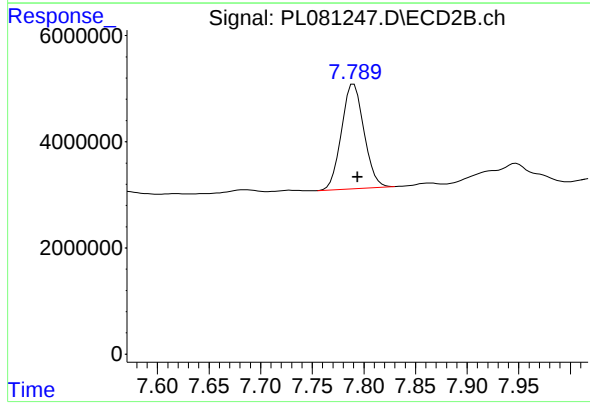
#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.004 min
Response: 26805397
Conc: 17.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-223MSD

Manual Integrations
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Supervised By :Ankita Jodhani 03/06/2023



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.004 min
Response: 29831310
Conc: 15.57 ng/ml