

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
 Data File : PL090961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2024 08:45
 Operator : AR\AJ
 Sample : P3519-17MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-CF-01-080624MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 12 01:56:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.545	2.787	39336566	34644435	20.316m	20.039
28)	SA Decachlor...	9.061	7.930	29224284	32160348	20.341	19.267
Target Compounds							
2)	A alpha-BHC	4.002	3.291	147.0E6	140.0E6	53.210	56.813
3)	MA gamma-BHC...	4.332	3.622	141.7E6	134.8E6	53.889m	57.569
4)	MA Heptachlor	4.922	3.962	133.6E6	132.6E6	54.034m	57.174
5)	MB Aldrin	5.264	4.242	126.4E6	123.8E6	52.585m	55.836
6)	B beta-BHC	4.529	3.920	66695168	59325564	52.979m	55.776
7)	B delta-BHC	4.776	4.150	135.4E6	129.2E6	54.094m	57.805
8)	B Heptachlo...	5.691	4.745	123.4E6	113.9E6	54.290	55.894
9)	A Endosulfan I	6.075	5.115	108.7E6	106.3E6	51.836m	55.070
10)	B gamma-Chl...	5.945	4.995	118.0E6	117.9E6	52.203m	55.184
11)	B alpha-Chl...	6.024	5.059	118.9E6	118.0E6	53.088m	55.326
12)	B 4,4'-DDE	6.197	5.248	106.9E6	106.7E6	53.902m	56.871
13)	MA Dieldrin	6.350	5.379	116.6E6	115.4E6	53.146m	55.893
14)	MA Endrin	6.580	5.654	102.4E6	104.3E6	55.916m	57.082
15)	B Endosulfa...	6.800	5.949	103.8E6	100.4E6	51.772	55.293
16)	A 4,4'-DDD	6.715	5.802	89275379	85331105	54.154	54.991
17)	MA 4,4'-DDT	7.028	6.053	94436670	93295560	52.972m	56.261
18)	B Endrin al...	6.928	6.128	80082275	78468064	53.174m	55.423
19)	B Endosulfa...	7.164	6.350	97745009	96780004	54.496	55.439
20)	A Methoxychlor	7.504	6.626	52329340	51616082	54.839	55.920m
21)	B Endrin ke...	7.648	6.857	108.4E6	109.9E6	54.713	55.430
22)	Mirex	8.123	7.038	84176699	91055334	54.151	54.222

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

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Acq On : 10 Aug 2024 08:45
Operator : AR\AJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

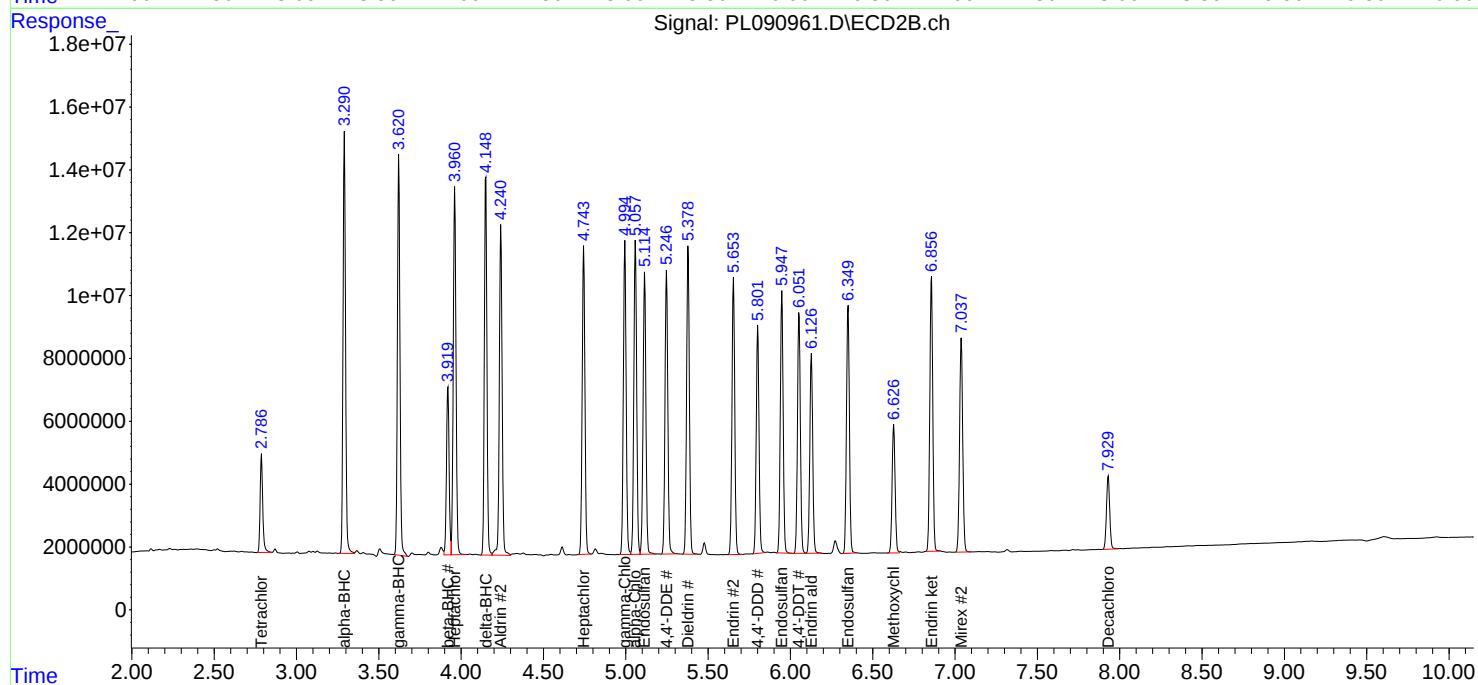
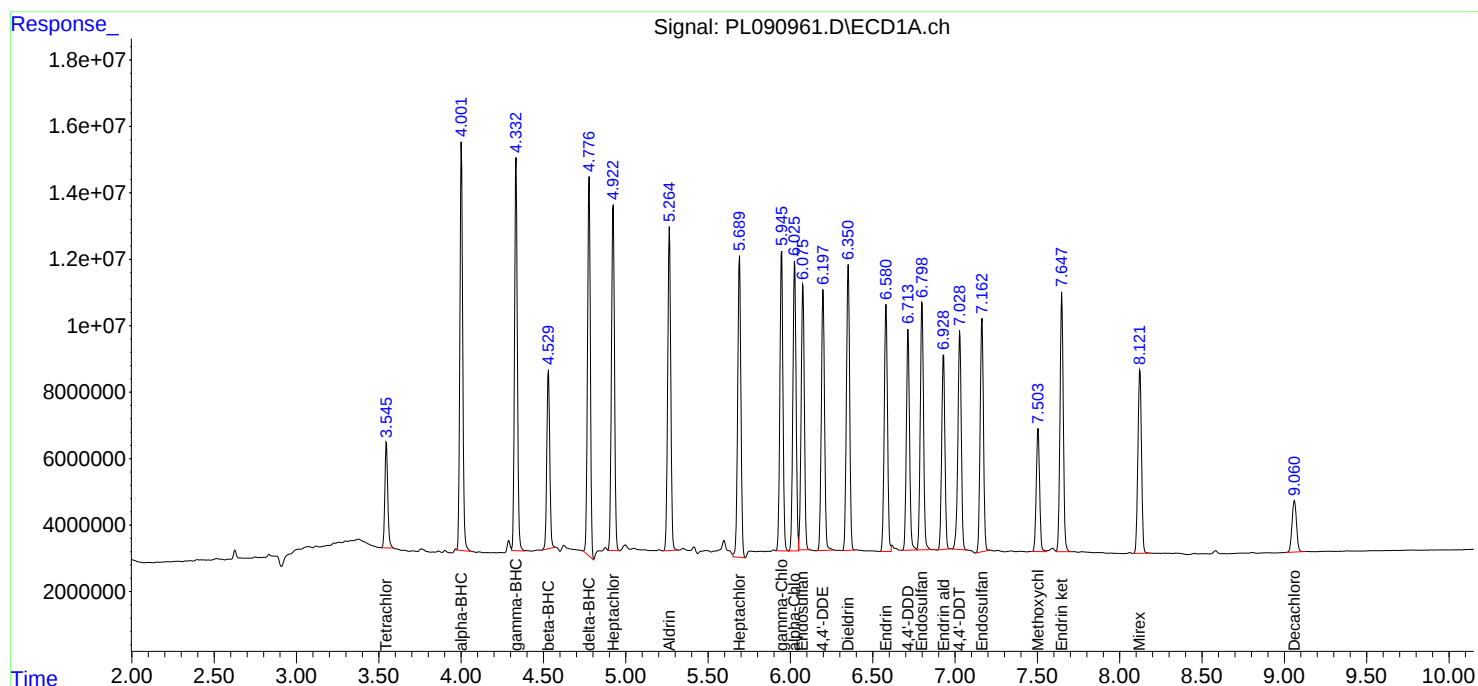
Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

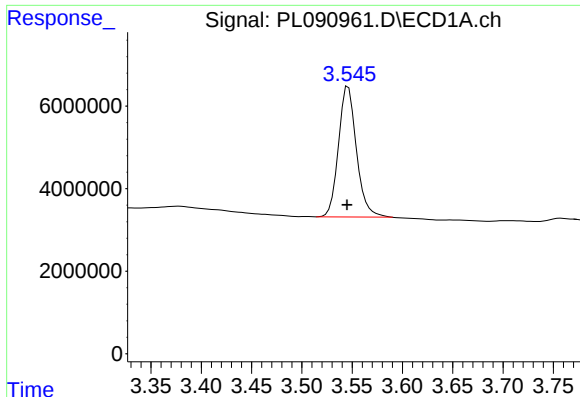
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 01:56:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
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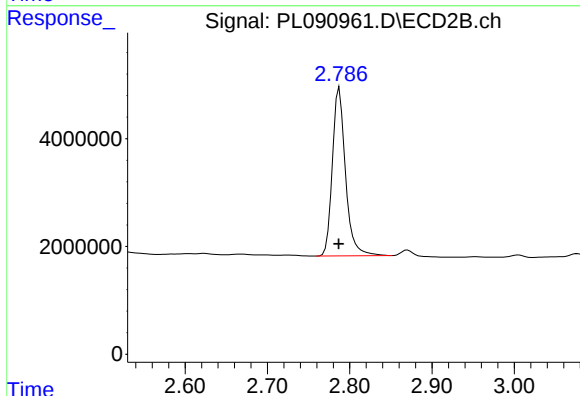
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 39336566
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

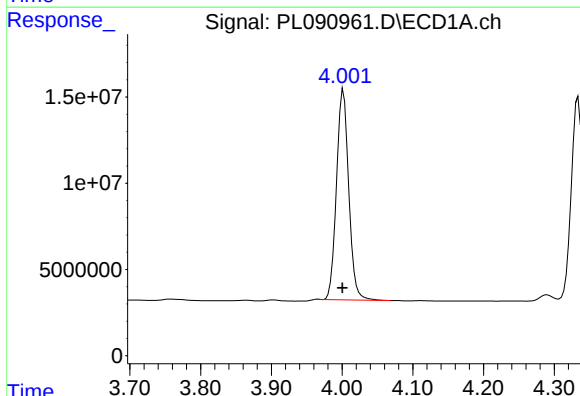
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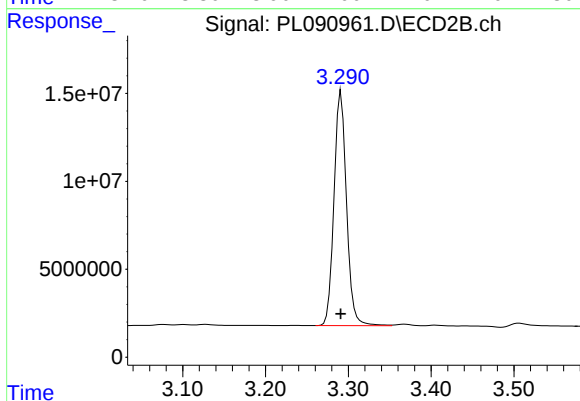
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 34644435
Conc: 20.04 ng/ml



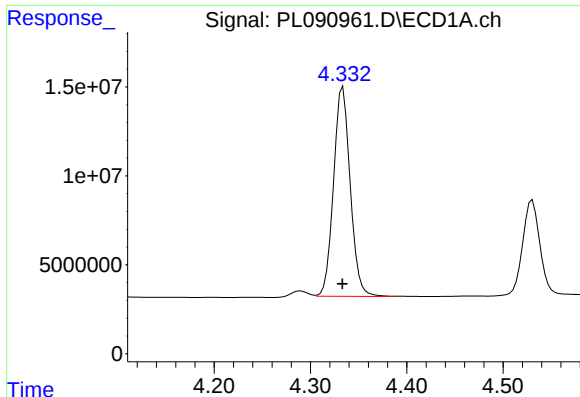
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.001 min
Response: 146976677
Conc: 53.21 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 139956574
Conc: 56.81 ng/ml



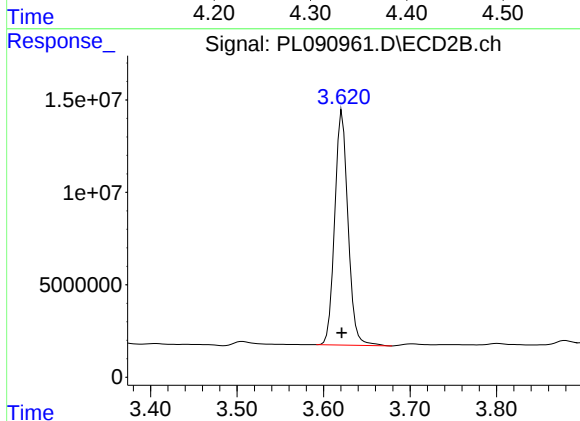
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 141731839
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

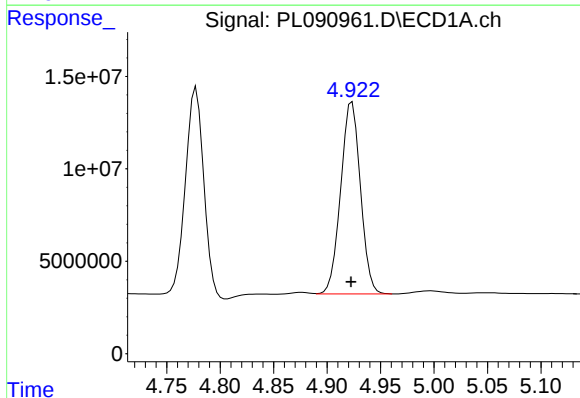
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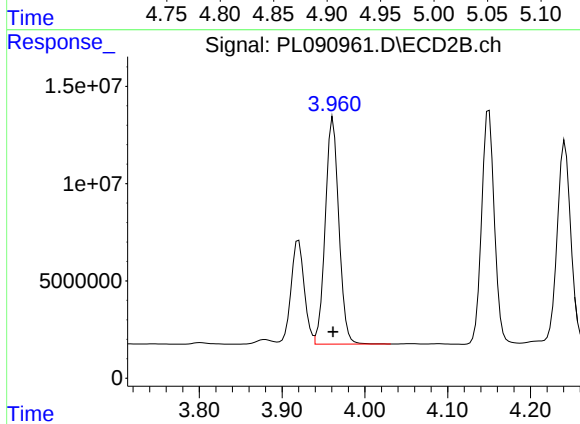
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: 0.000 min
Response: 134781886
Conc: 57.57 ng/ml



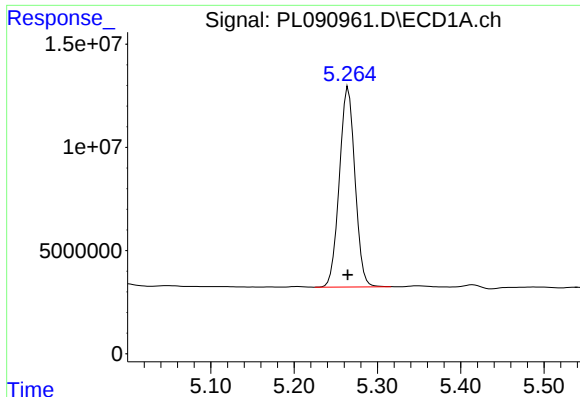
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 133629748
Conc: 54.03 ng/ml m



#4 Heptachlor

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 132562218
Conc: 57.17 ng/ml



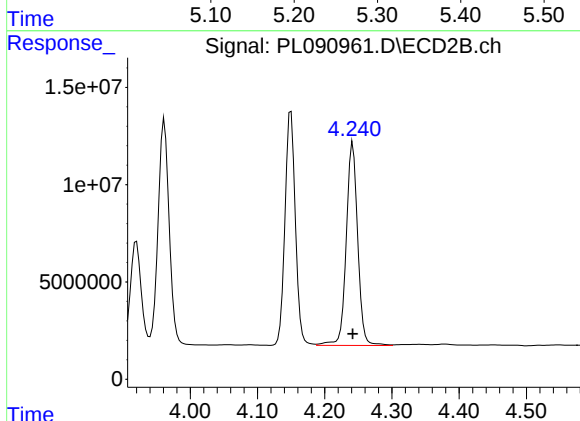
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 126404109
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

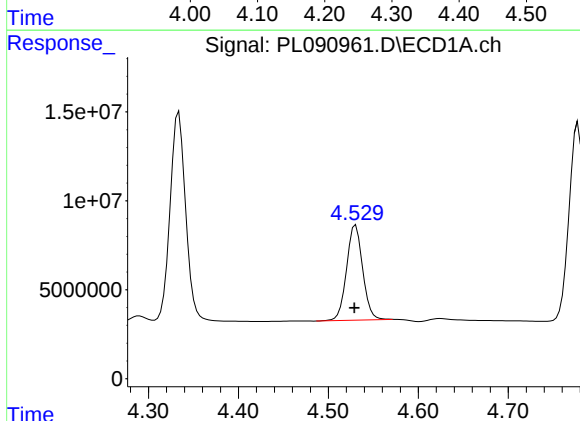
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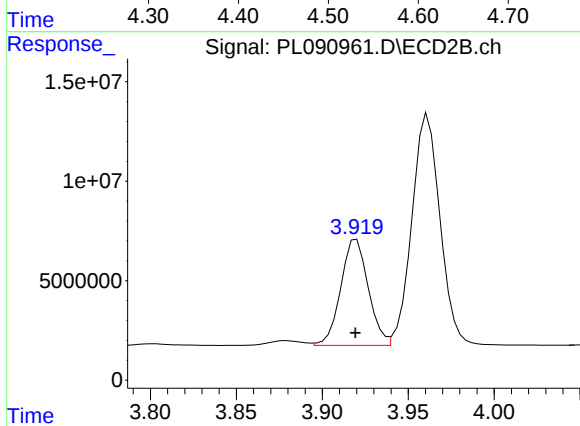
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 123794291
Conc: 55.84 ng/ml



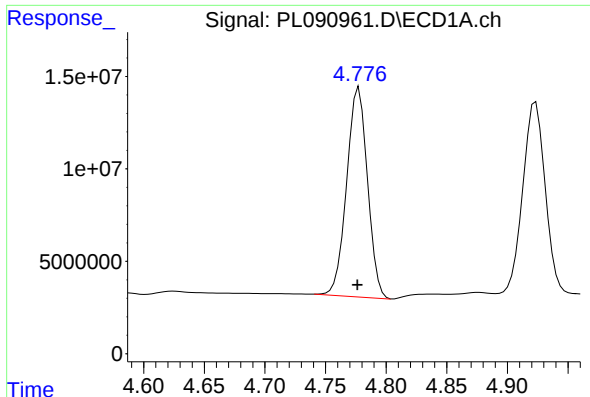
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 66695168
Conc: 52.98 ng/ml m



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 59325564
Conc: 55.78 ng/ml



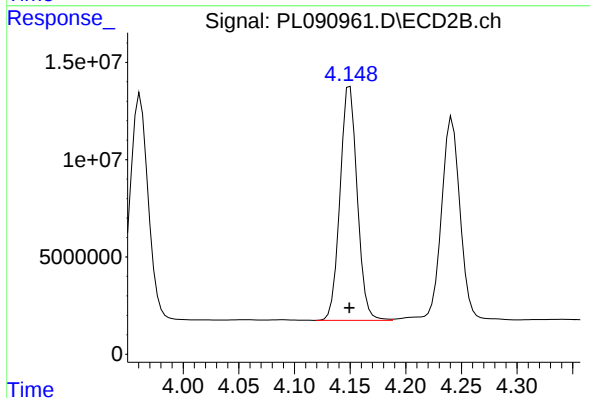
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 135424576
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

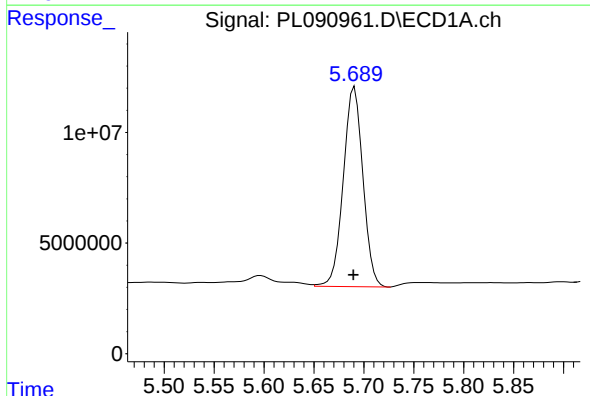
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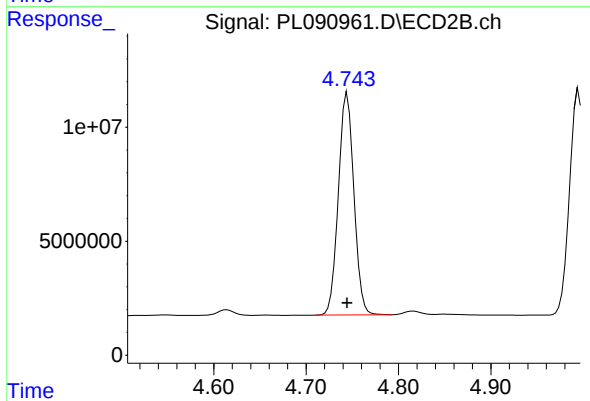
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 129180878
Conc: 57.80 ng/ml



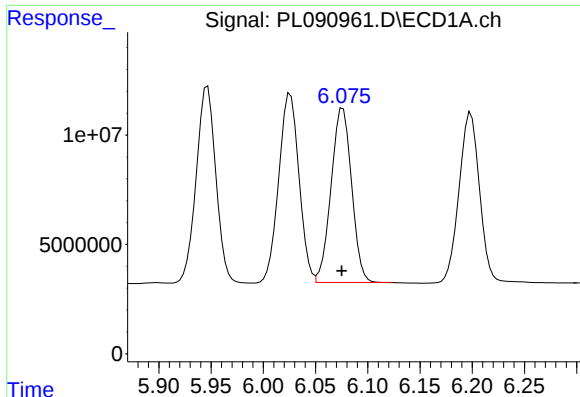
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 123372424
Conc: 54.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 113931089
Conc: 55.89 ng/ml



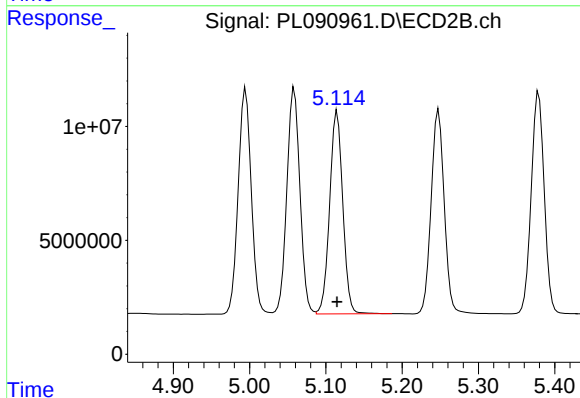
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 108657782
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

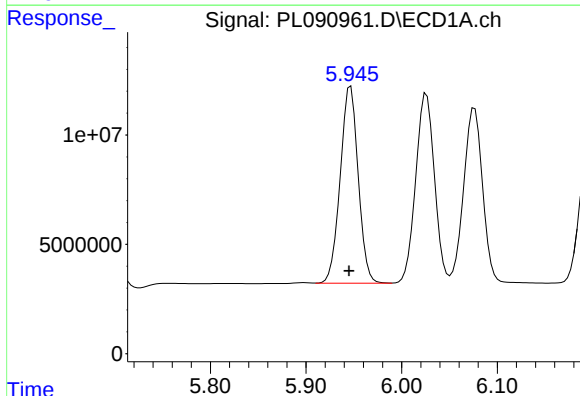
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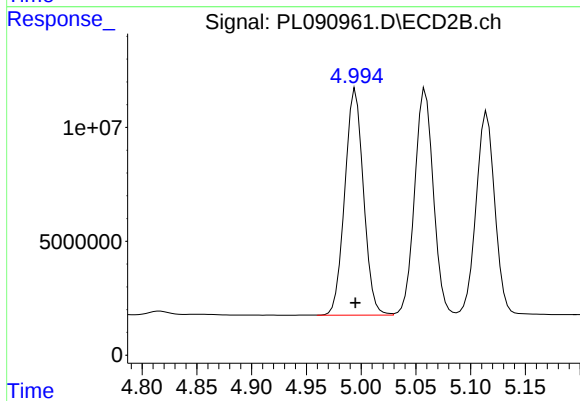
#9 Endosulfan I

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 106343743
Conc: 55.07 ng/ml



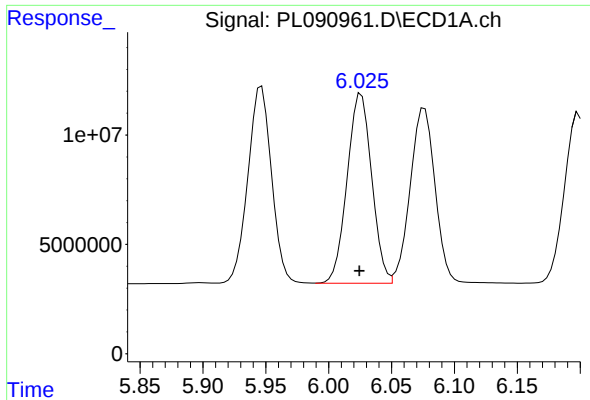
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 117954693
Conc: 52.20 ng/ml m



#10 gamma-Chlordane

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 117851087
Conc: 55.18 ng/ml



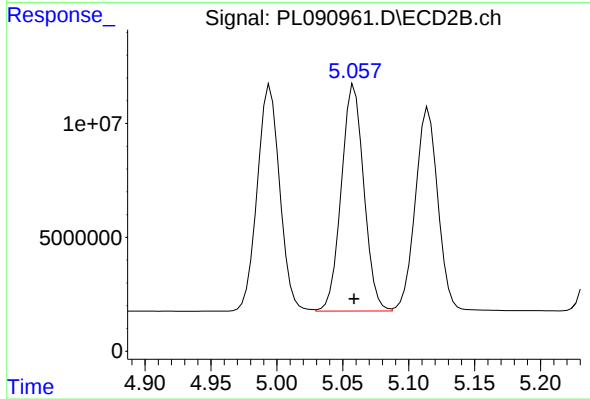
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 118893692
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

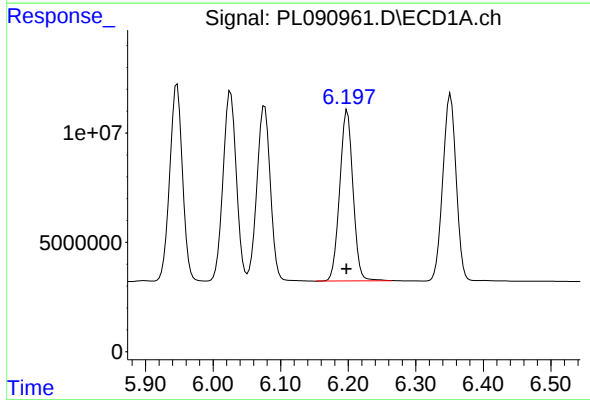
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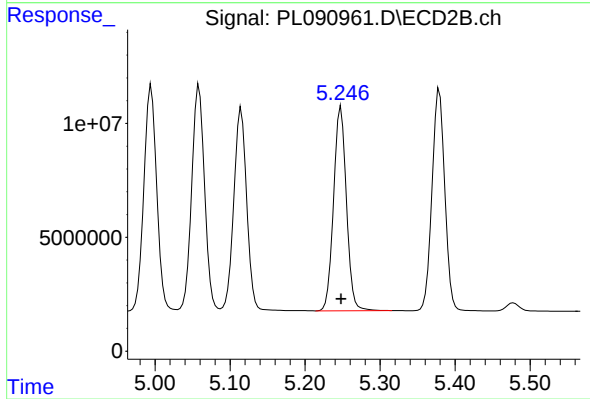
#11 alpha-Chlordane

R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 118042851
Conc: 55.33 ng/ml



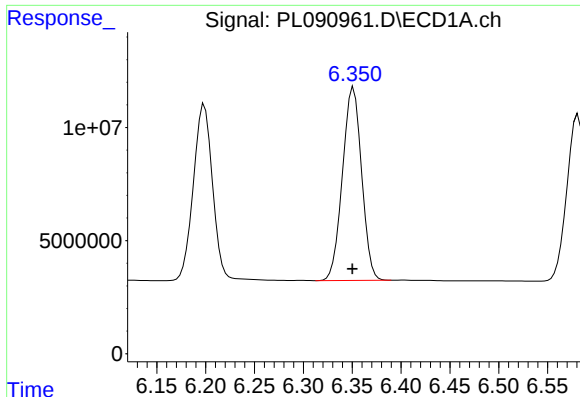
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 106853886
Conc: 53.90 ng/ml m



#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 106684344
Conc: 56.87 ng/ml



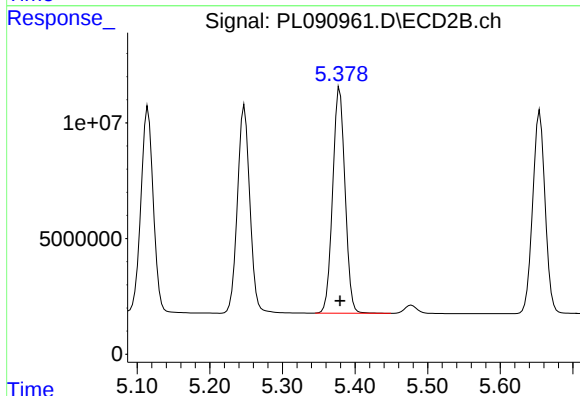
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 116566222
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

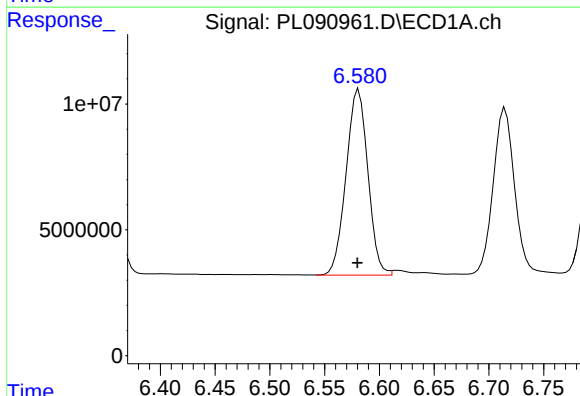
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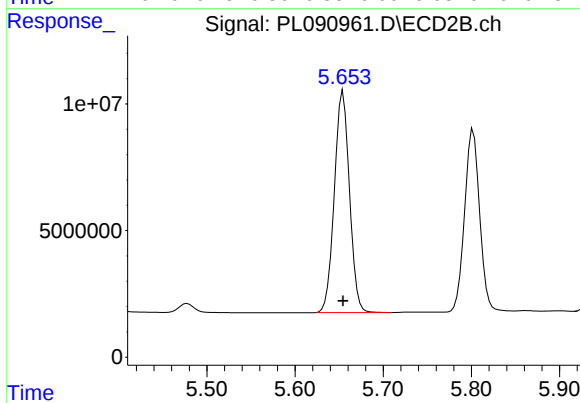
#13 Dieldrin

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 115404849
Conc: 55.89 ng/ml



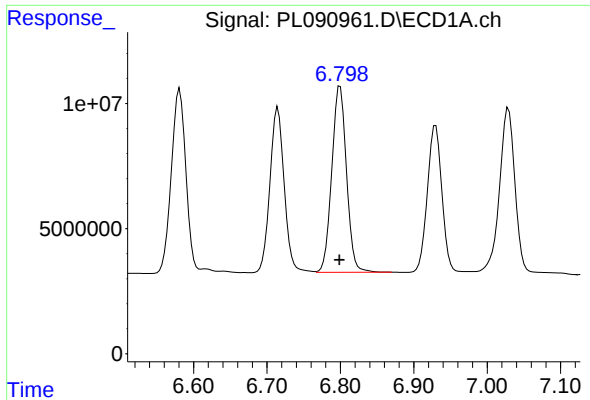
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 102406451
Conc: 55.92 ng/ml m



#14 Endrin

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 104301152
Conc: 57.08 ng/ml



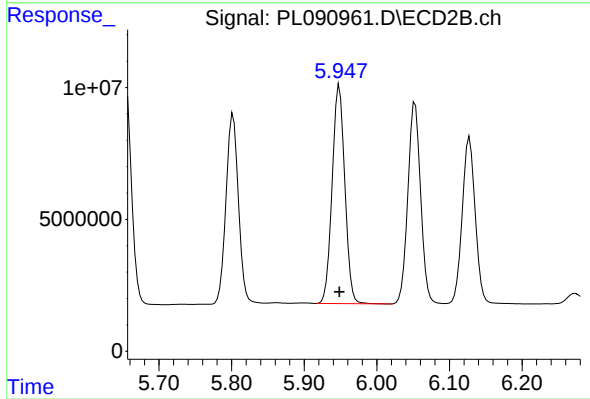
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 103820097
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
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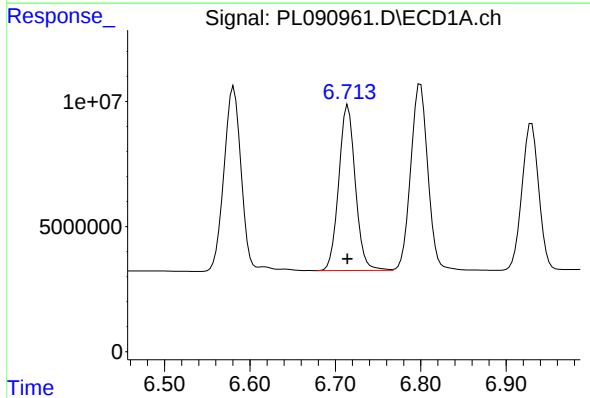
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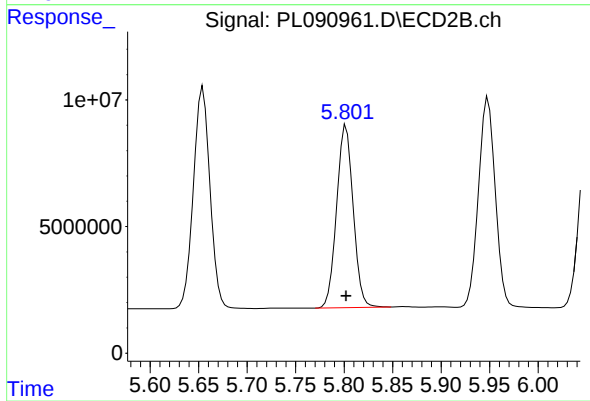
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 100426707
Conc: 55.29 ng/ml



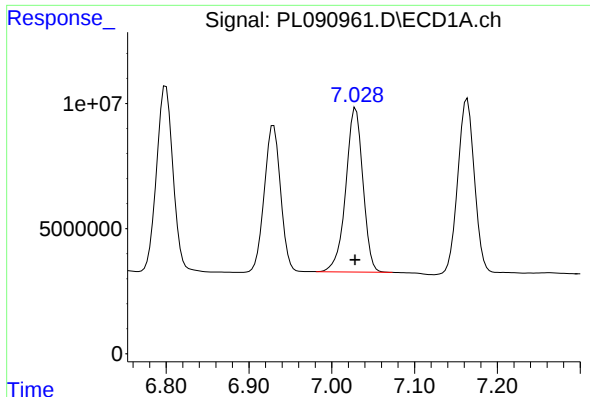
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 89275379
Conc: 54.15 ng/ml



#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 85331105
Conc: 54.99 ng/ml



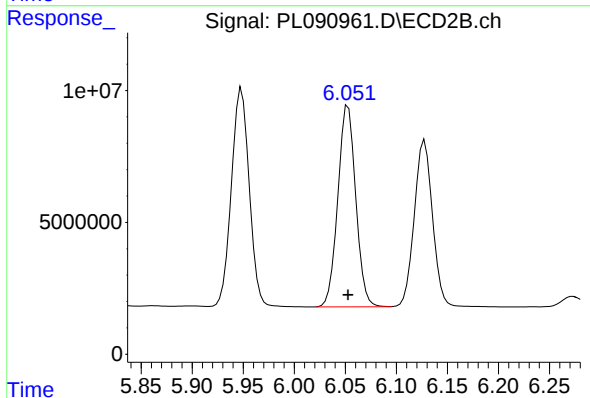
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 94436670
Conc: 52.97 ng/ml

Instrument :
ECD_L
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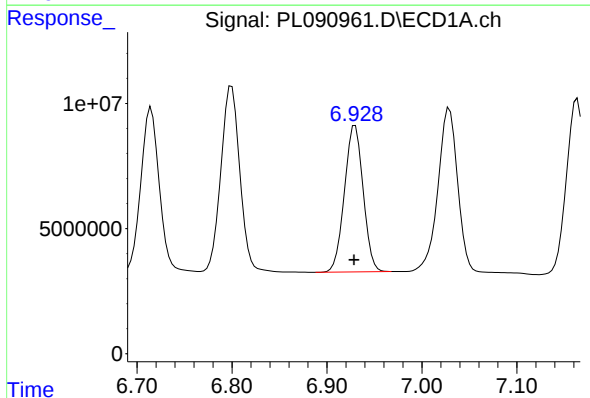
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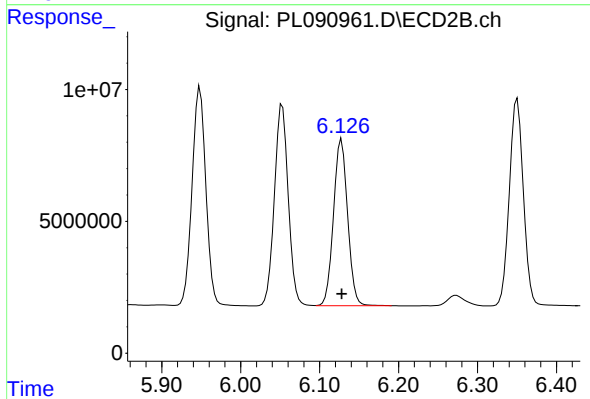
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 93295560
Conc: 56.26 ng/ml



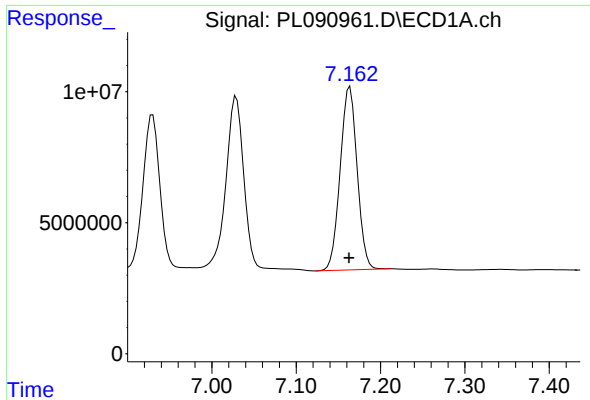
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 80082275
Conc: 53.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 78468064
Conc: 55.42 ng/ml



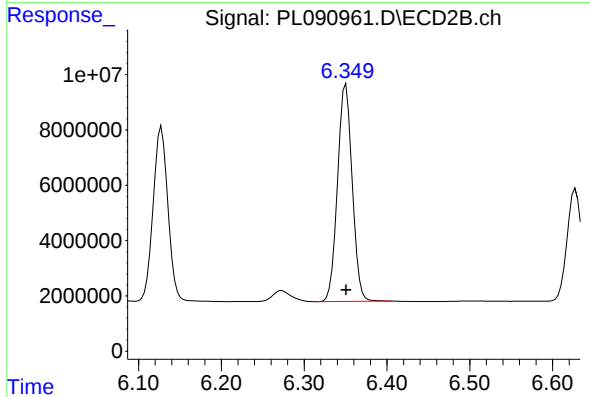
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.001 min
Response: 97745009
Conc: 54.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
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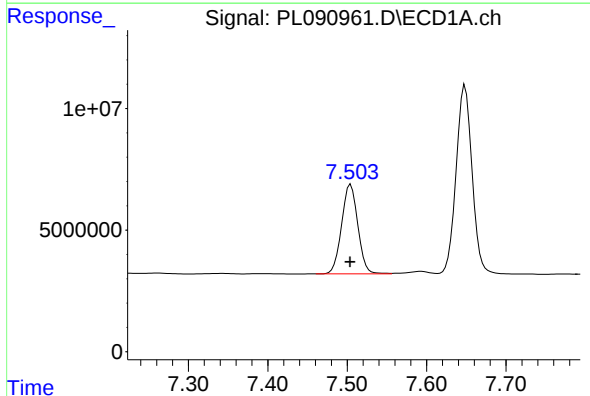
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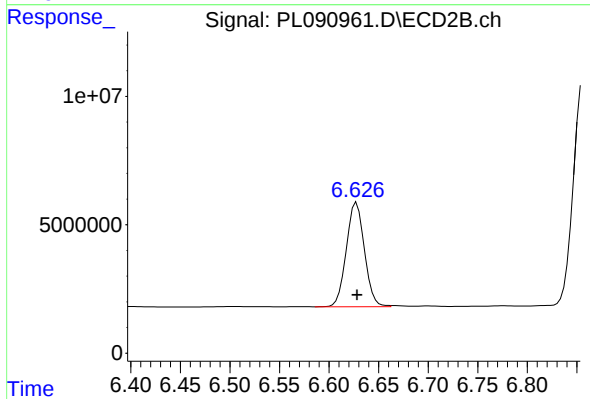
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 96780004
Conc: 55.44 ng/ml



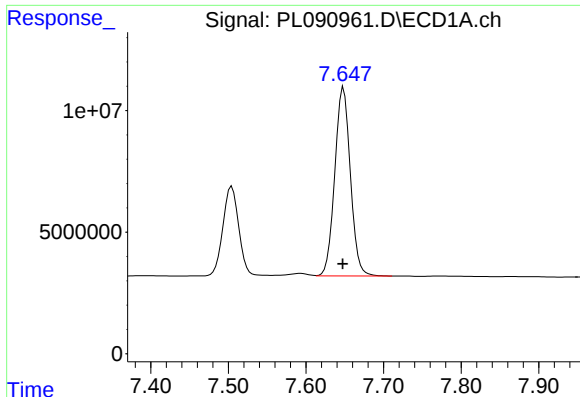
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 52329340
Conc: 54.84 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 51616082
Conc: 55.92 ng/ml m



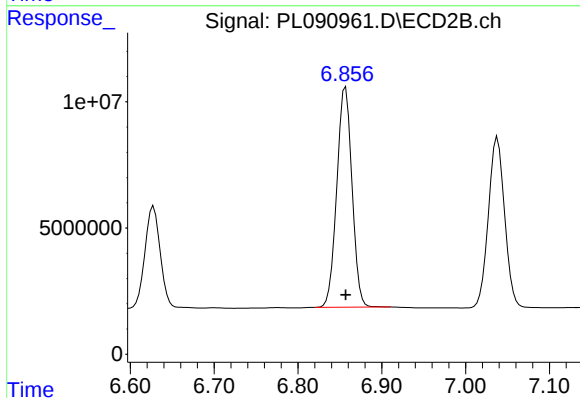
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 108407805
Conc: 54.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

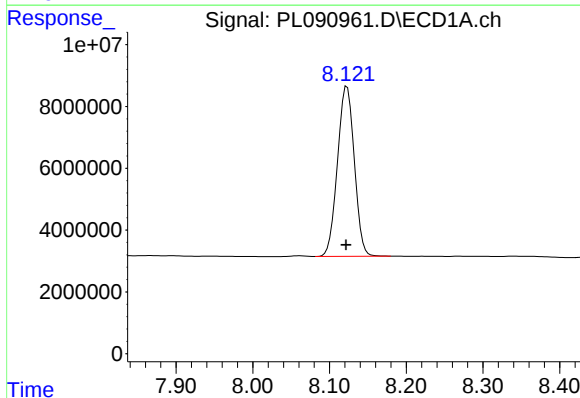
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



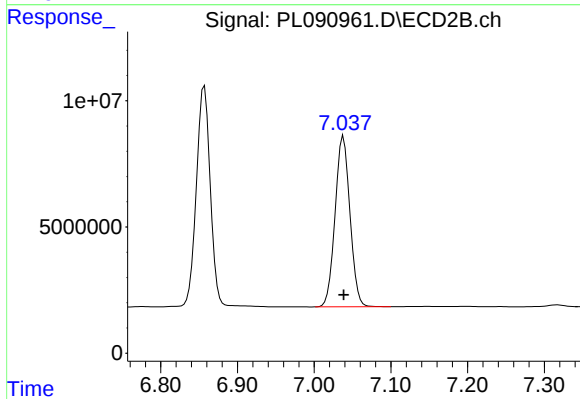
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 109857292
Conc: 55.43 ng/ml



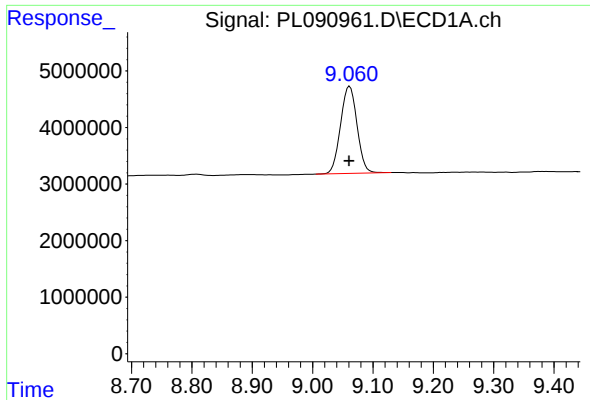
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.001 min
Response: 84176699
Conc: 54.15 ng/ml



#22 Mirex

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 91055334
Conc: 54.22 ng/ml



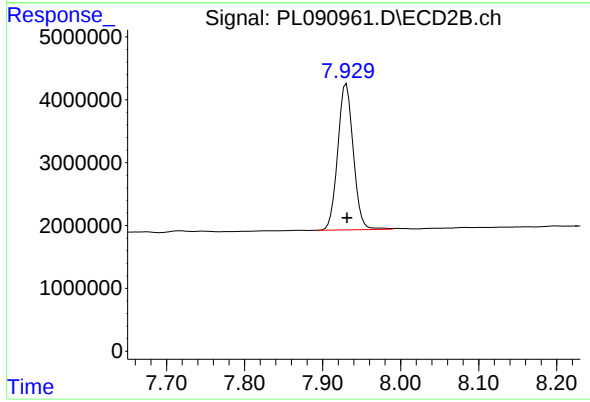
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.001 min
Response: 29224284
Conc: 20.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-CF-01-080624MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/12/2024



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 32160348
Conc: 19.27 ng/ml