

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
 Data File : PL090982.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2024 09:29
 Operator : AR\AJ
 Sample : PB162640BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162640BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/13/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:23:24 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	40278981	35383287	20.803m	20.467
28)	SA Decachlor...	9.063	7.931	34229424	35995452	23.824	21.565
Target Compounds							
2)	A alpha-BHC	4.002	3.291	146.8E6	136.7E6	53.153	55.489
3)	MA gamma-BHC...	4.333	3.621	138.9E6	129.7E6	52.806m	55.391
4)	MA Heptachlor	4.924	3.962	131.4E6	126.0E6	53.143	54.344
5)	MB Aldrin	5.266	4.242	125.8E6	121.8E6	52.322	54.953
6)	B beta-BHC	4.531	3.920	65877942	56700330	52.330	53.308
7)	B delta-BHC	4.778	4.150	133.5E6	124.9E6	53.329	55.869
8)	B Heptachlo...	5.692	4.745	118.6E6	110.9E6	52.207	54.404
9)	A Endosulfan I	6.078	5.115	109.7E6	104.4E6	52.345	54.075
10)	B gamma-Chl...	5.948	4.995	117.7E6	115.5E6	52.099	54.102
11)	B alpha-Chl...	6.027	5.059	117.1E6	115.0E6	52.281	53.912
12)	B 4,4'-DDE	6.200	5.248	105.9E6	103.1E6	53.409	54.952
13)	MA Dieldrin	6.352	5.380	115.2E6	112.5E6	52.525	54.488
14)	MA Endrin	6.581	5.655	97806095	96354791	53.404m	52.733
15)	B Endosulfa...	6.801	5.948	102.6E6	98229234	51.151	54.083m
16)	A 4,4'-DDD	6.716	5.802	90092734	85726693	54.649	55.246
17)	MA 4,4'-DDT	7.031	6.054	92608996	85642371	51.946	51.646
18)	B Endrin al...	6.931	6.129	81499678	76241557	54.115	53.850
19)	B Endosulfa...	7.165	6.352	95617018	93959502	53.310	53.824
20)	A Methoxychlor	7.506	6.629	50826380	45529018	53.264	49.325
21)	B Endrin ke...	7.650	6.857	108.0E6	107.9E6	54.496	54.448
22)	Mirex	8.124	7.039	83407462	88029758	53.656	52.420

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
Data File : PL090982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2024 09:29
Operator : AR\AJ
Sample : PB162640BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162640BS

Manual Integrations

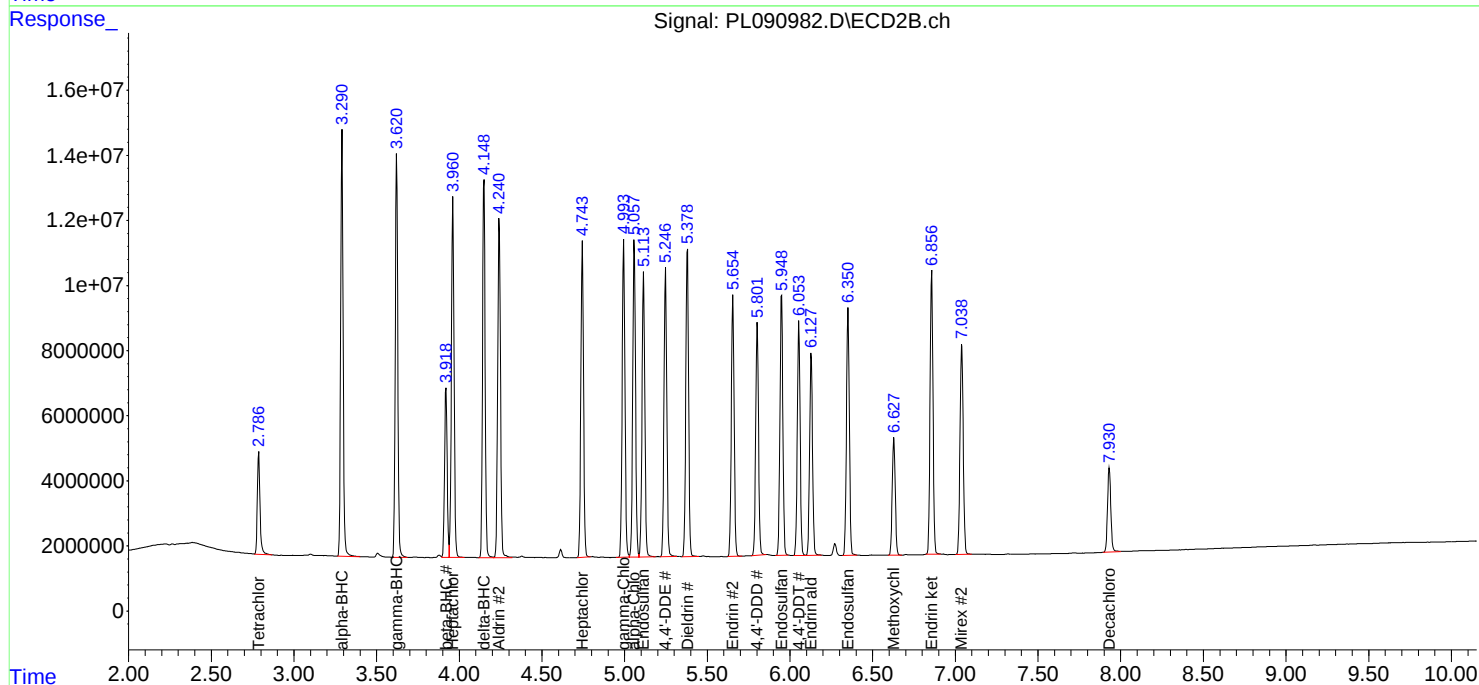
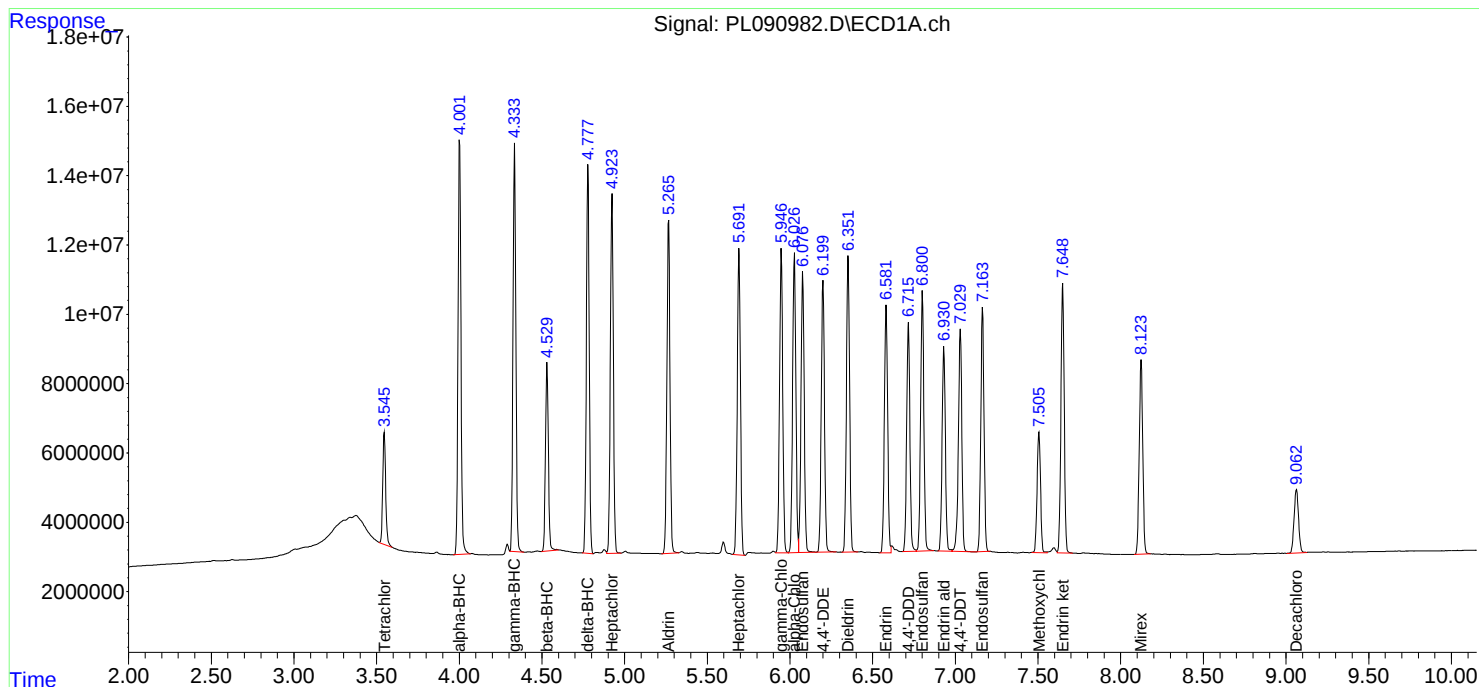
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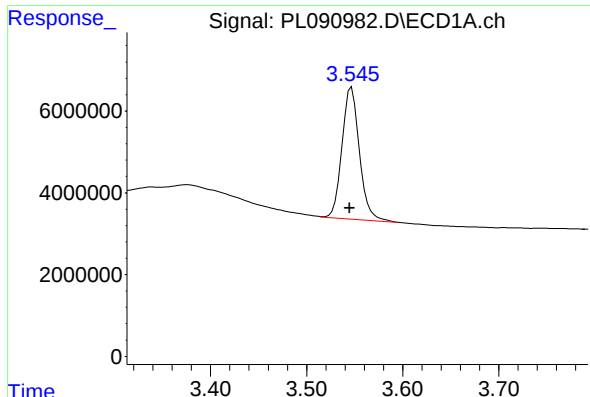
Reviewed By :Abdul Mirza 08/13/2024

Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:23:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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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





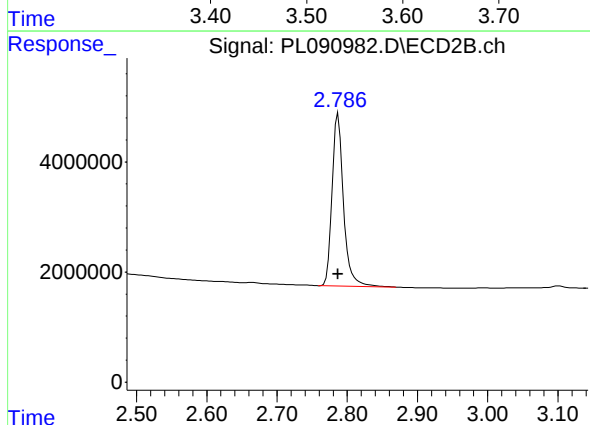
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 40278981
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

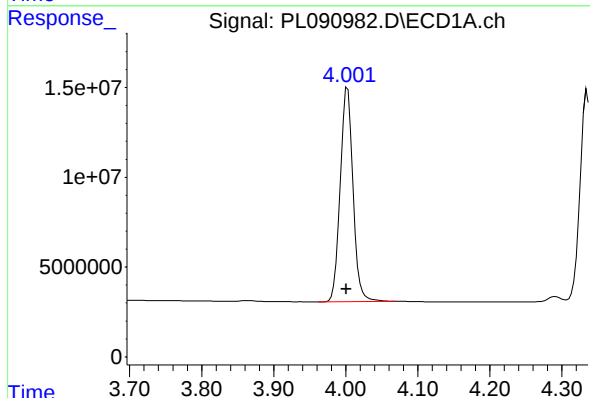
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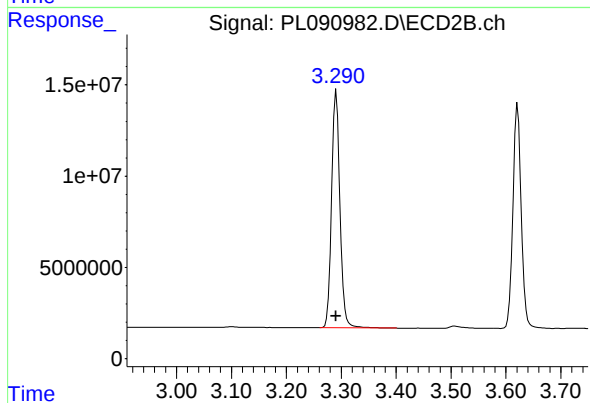
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 35383287
Conc: 20.47 ng/ml



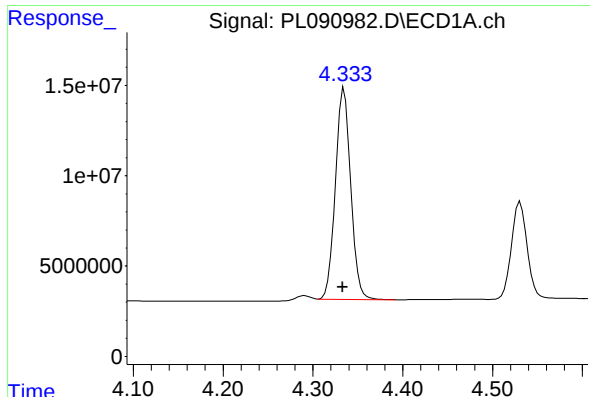
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 146818102
Conc: 53.15 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 136693187
Conc: 55.49 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 138884971
Conc: 52.81 ng/ml

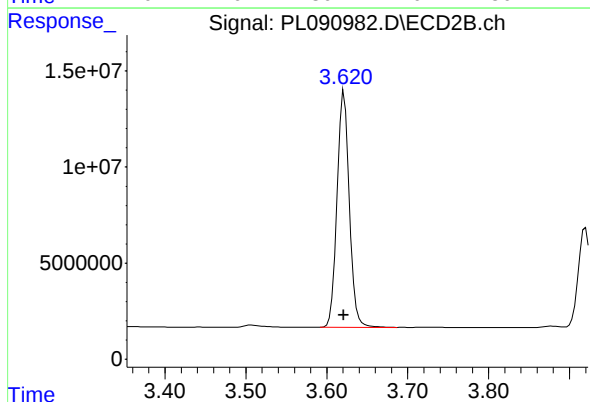
Instrument :

ECD_L

ClientSampleId :
PB162640BS

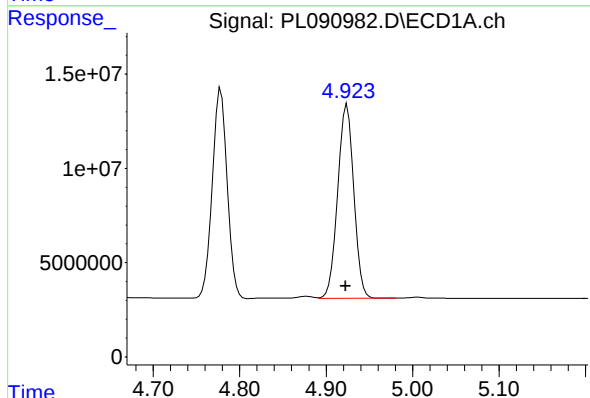
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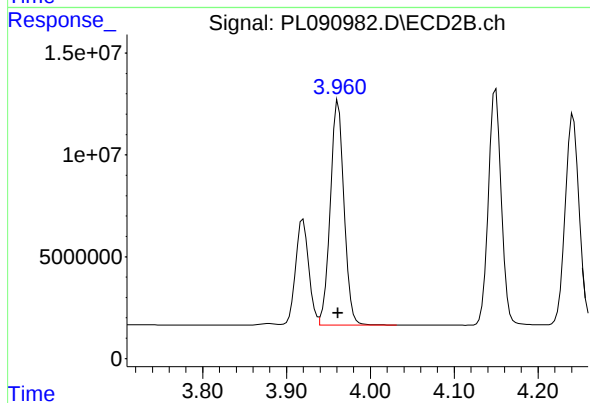
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 129681894
Conc: 55.39 ng/ml



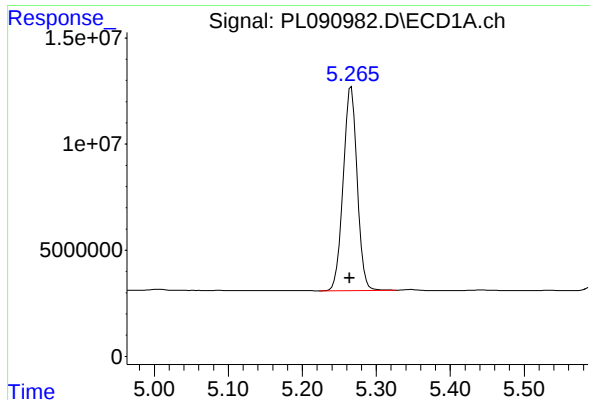
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.002 min
Response: 131425997
Conc: 53.14 ng/ml



#4 Heptachlor

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 125999923
Conc: 54.34 ng/ml



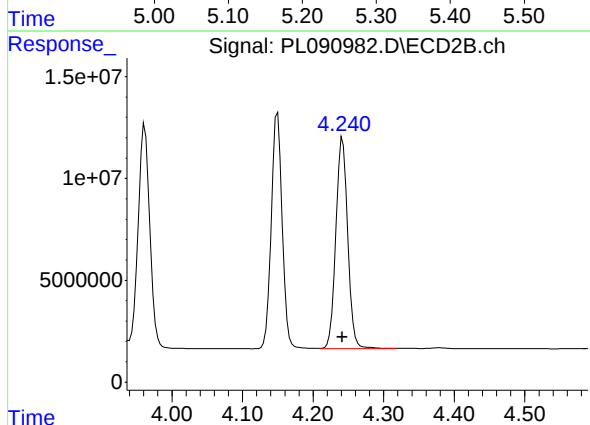
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 125771536
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

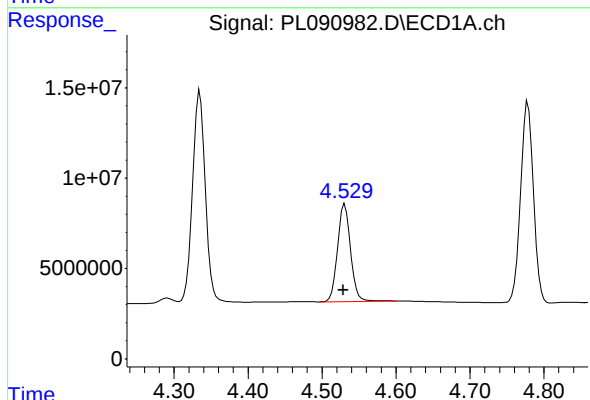
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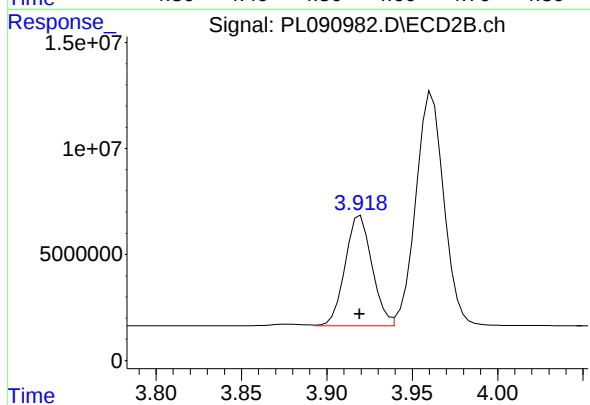
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 121834927
Conc: 54.95 ng/ml



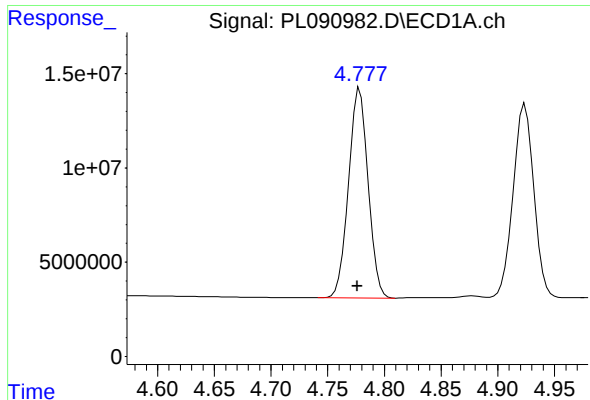
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 65877942
Conc: 52.33 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: 0.000 min
Response: 56700330
Conc: 53.31 ng/ml



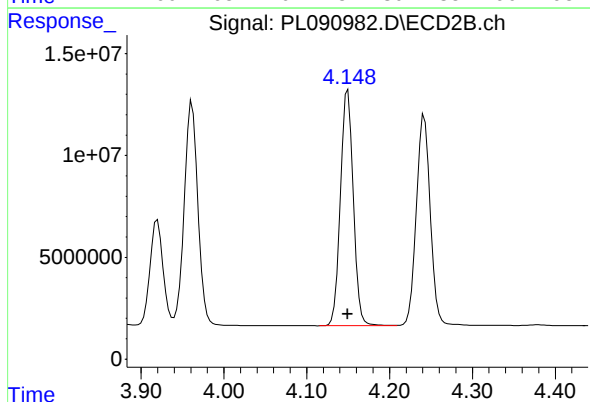
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.002 min
Response: 133508288
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

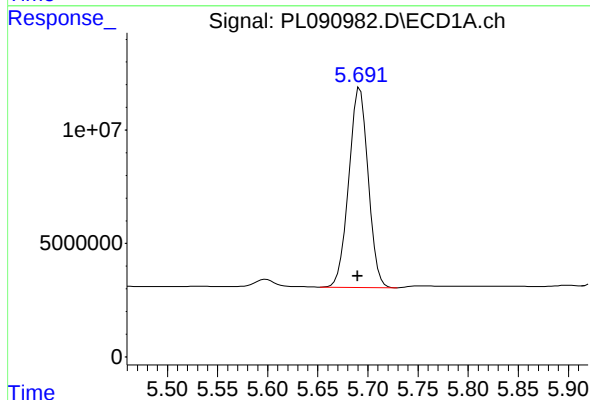
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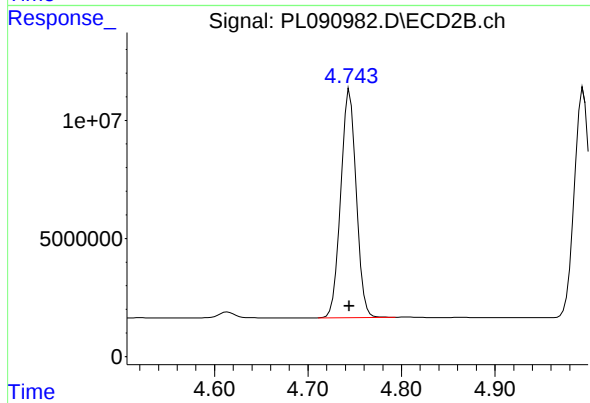
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 124855533
Conc: 55.87 ng/ml



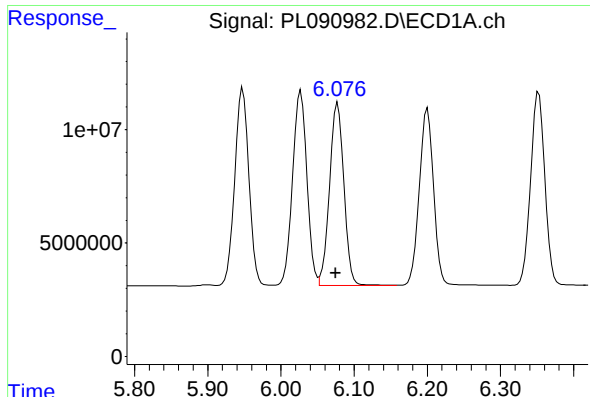
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.002 min
Response: 118638803
Conc: 52.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 110892264
Conc: 54.40 ng/ml



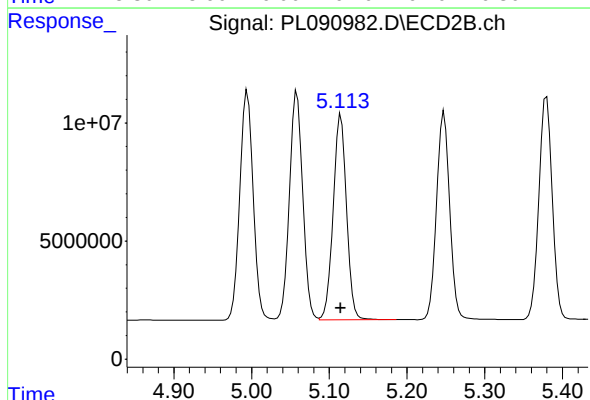
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.002 min
Response: 109724720
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

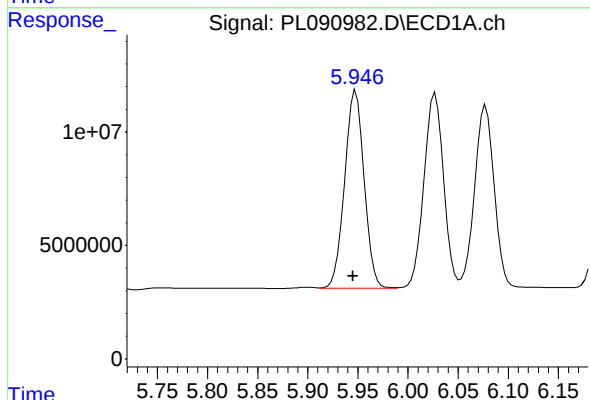
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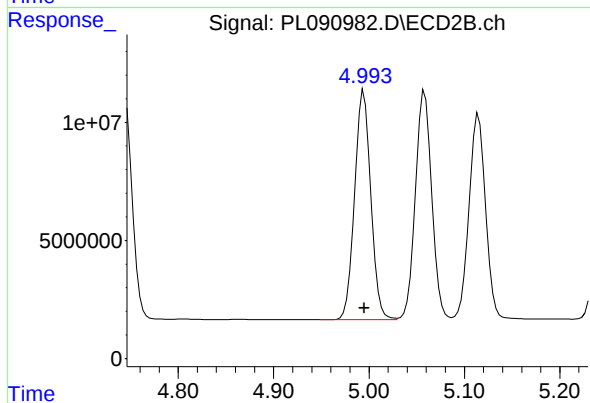
#9 Endosulfan I

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 104422783
Conc: 54.07 ng/ml



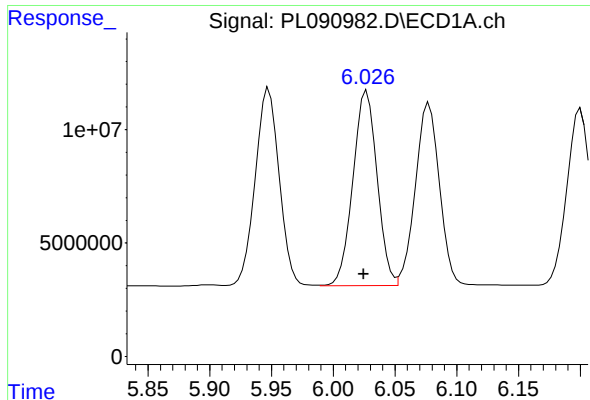
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.003 min
Response: 117719534
Conc: 52.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 115542100
Conc: 54.10 ng/ml



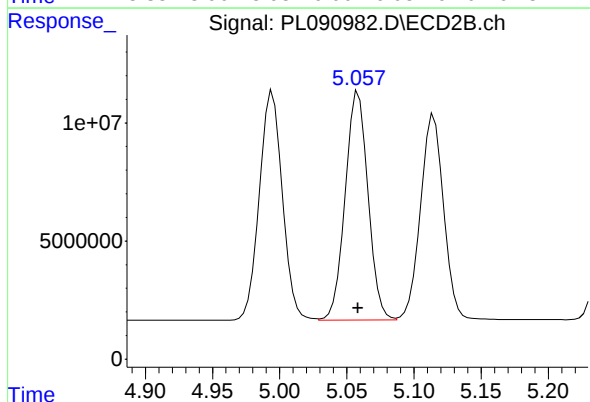
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.003 min
Response: 117087397
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

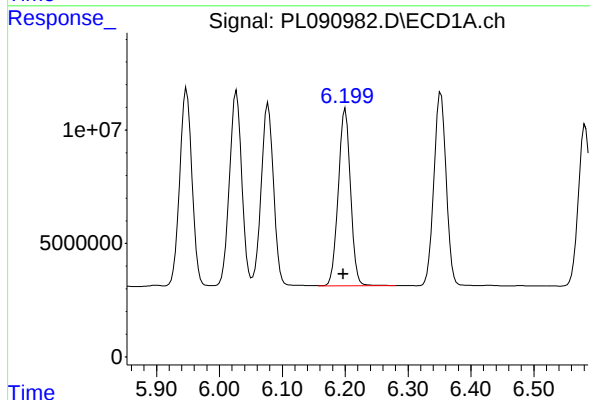
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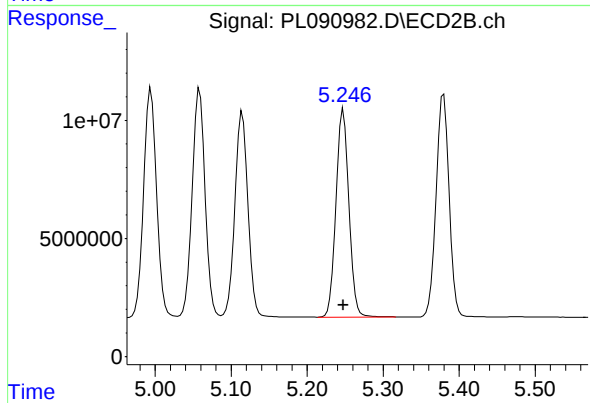
#11 alpha-Chlordane

R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 115024523
Conc: 53.91 ng/ml



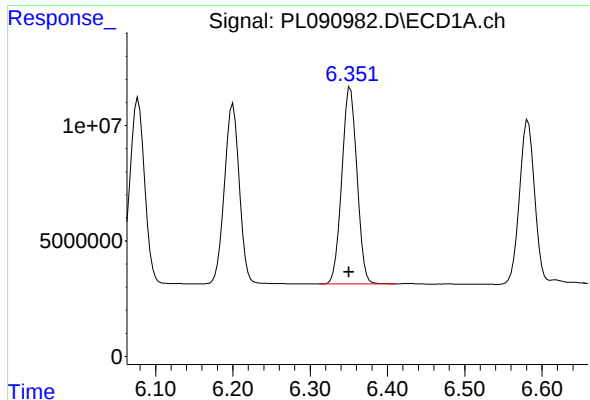
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 105875939
Conc: 53.41 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 103083335
Conc: 54.95 ng/ml



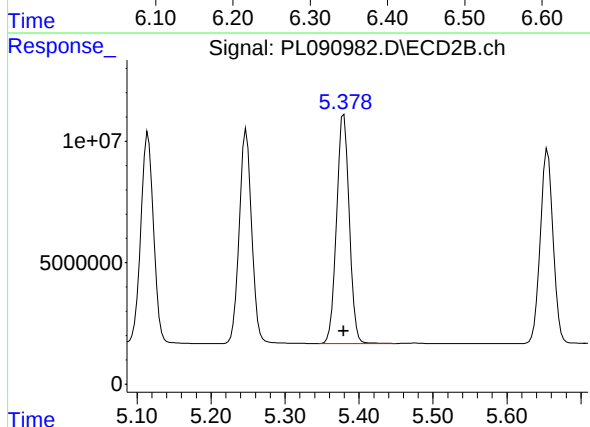
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.002 min
Response: 115204544
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

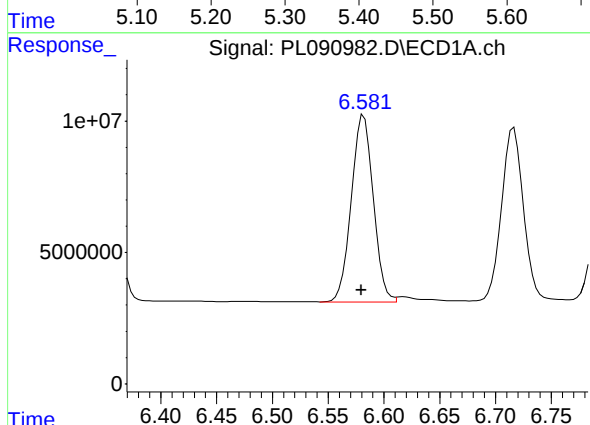
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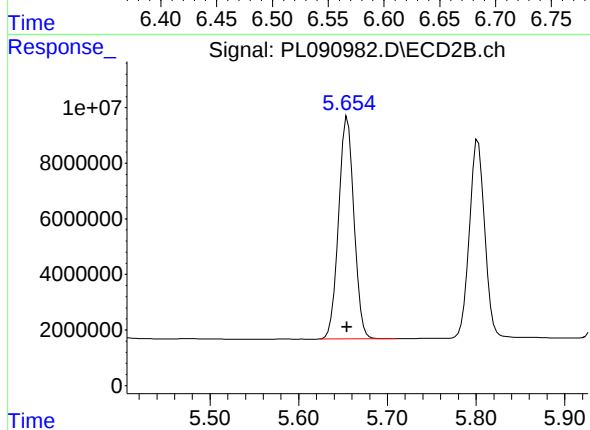
#13 Dieldrin

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 112504734
Conc: 54.49 ng/ml



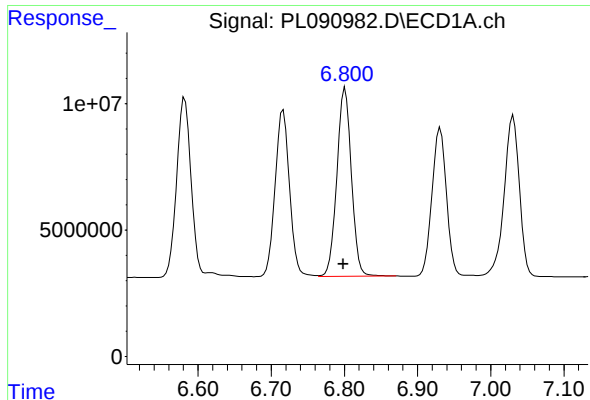
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 97806095
Conc: 53.40 ng/ml m



#14 Endrin

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 96354791
Conc: 52.73 ng/ml



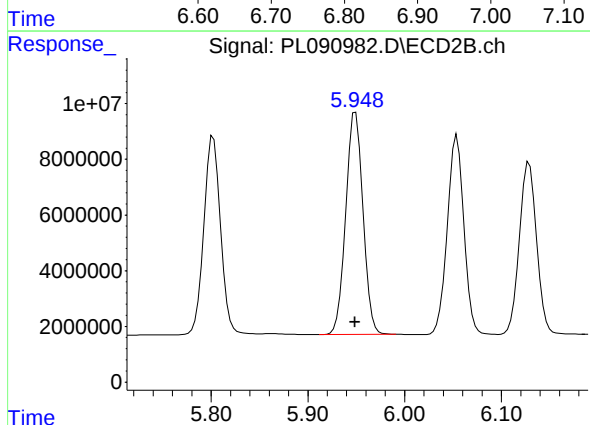
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.002 min
Response: 102575766
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

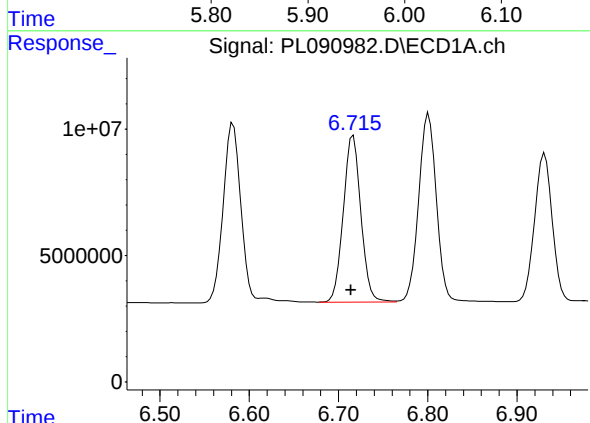
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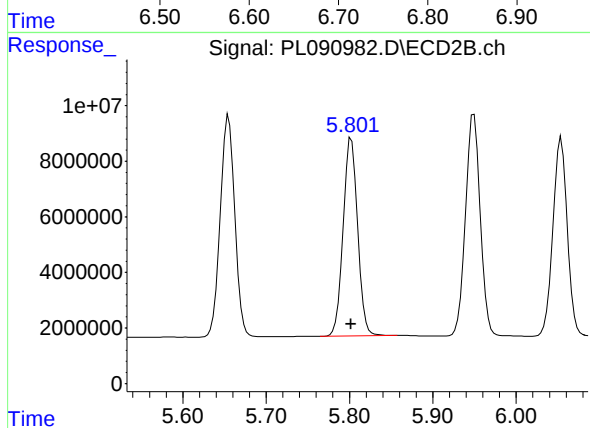
#15 Endosulfan II

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 98229234
Conc: 54.08 ng/ml m



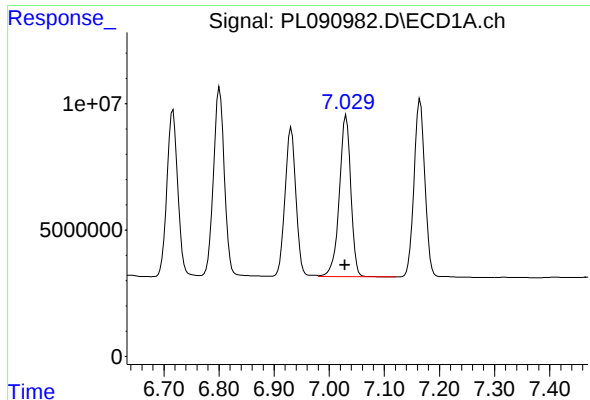
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 90092734
Conc: 54.65 ng/ml



#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 85726693
Conc: 55.25 ng/ml



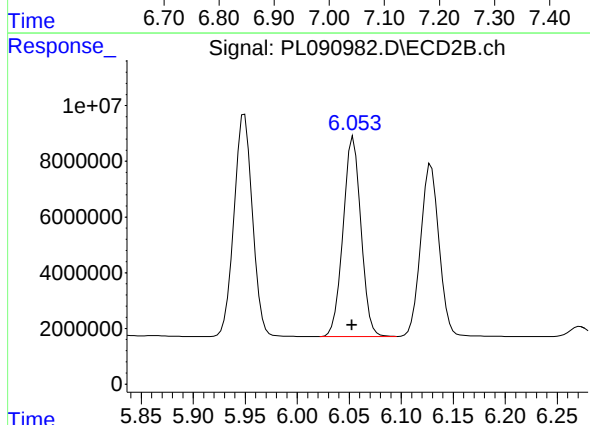
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.002 min
Response: 92608996
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

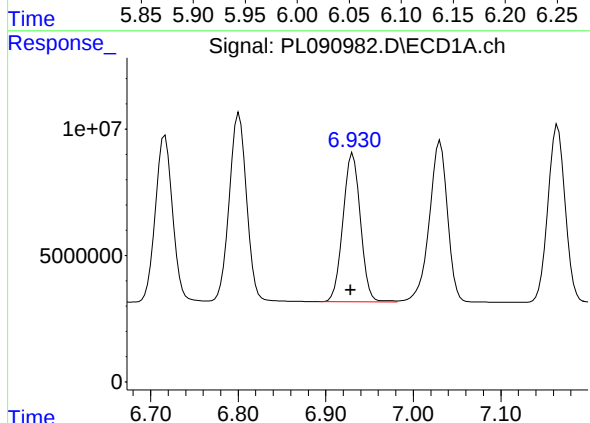
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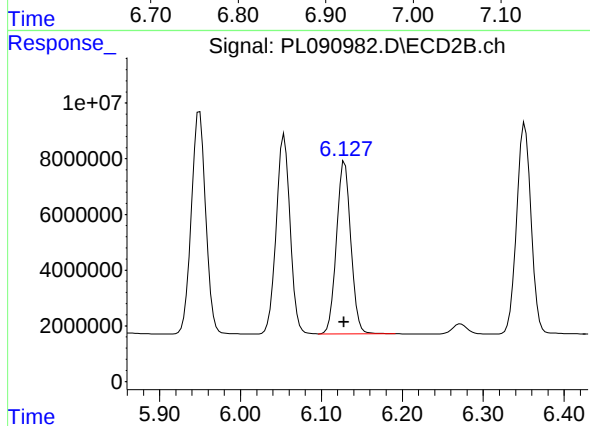
#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 85642371
Conc: 51.65 ng/ml



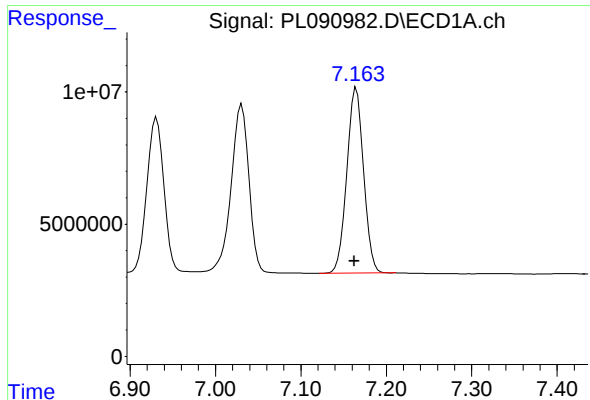
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.002 min
Response: 81499678
Conc: 54.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 76241557
Conc: 53.85 ng/ml



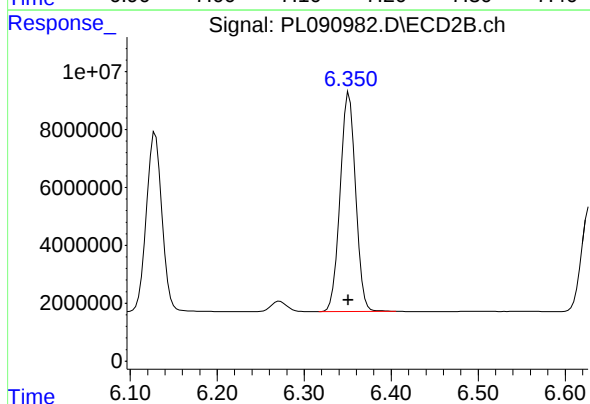
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.002 min
Response: 95617018
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

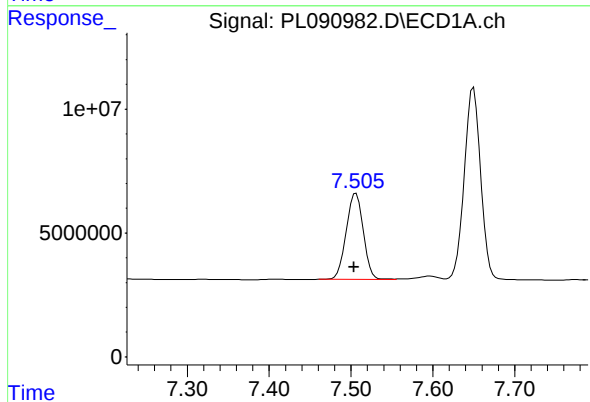
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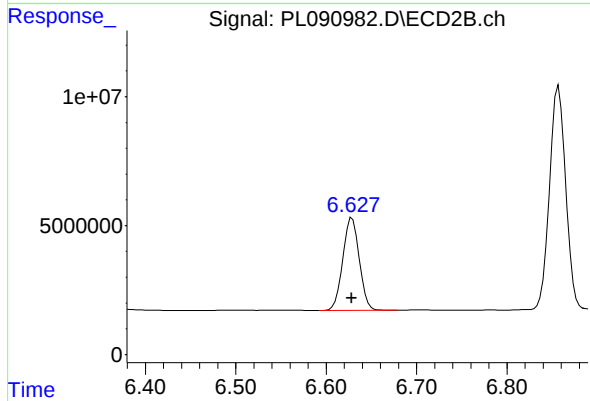
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 93959502
Conc: 53.82 ng/ml



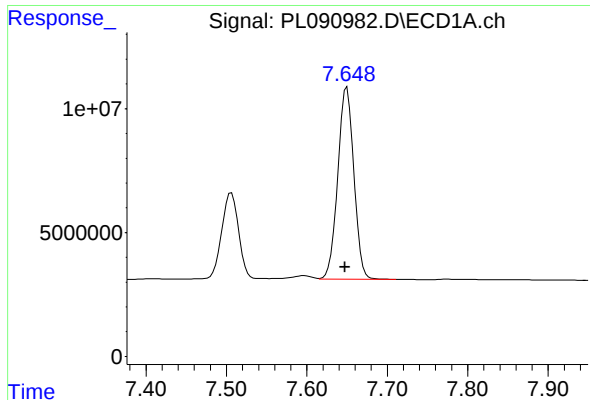
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.003 min
Response: 50826380
Conc: 53.26 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 45529018
Conc: 49.33 ng/ml



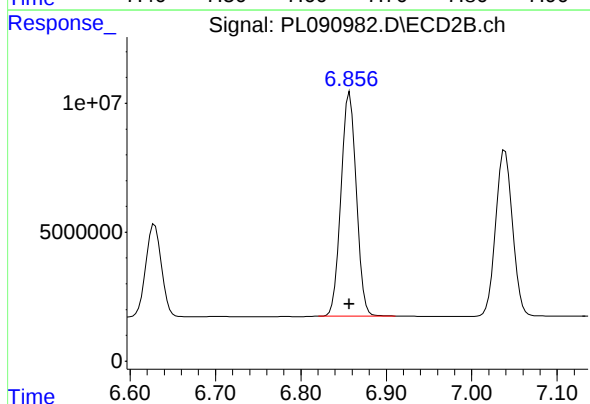
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 107976865
Conc: 54.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

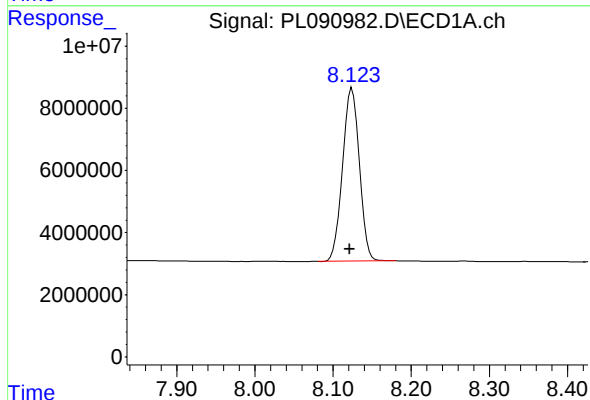
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/13/2024
Supervised By :Ankita Jodhani 08/14/2024



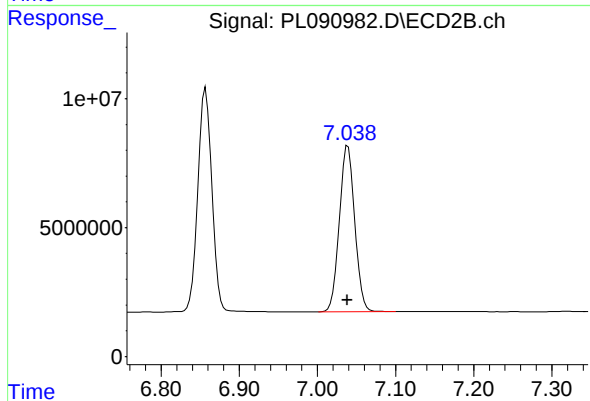
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 107910189
Conc: 54.45 ng/ml



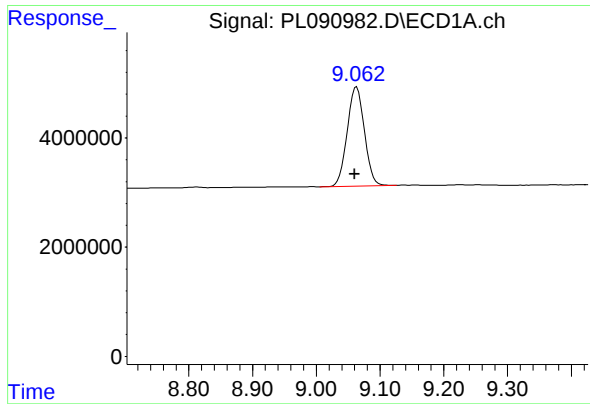
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.003 min
Response: 83407462
Conc: 53.66 ng/ml



#22 Mirex

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 88029758
Conc: 52.42 ng/ml



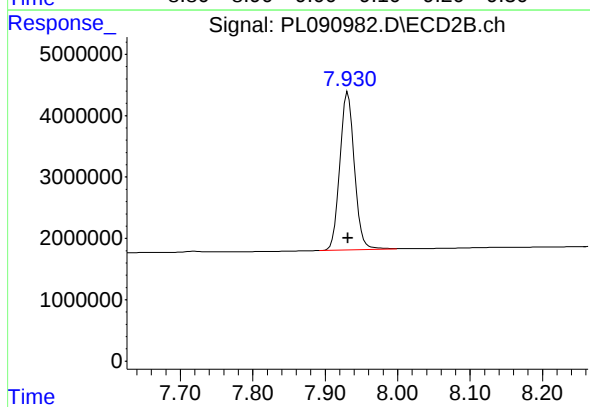
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 34229424
Conc: 23.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162640BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/13/2024
Supervised By :Ankita Jodhani 08/14/2024



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 35995452
Conc: 21.56 ng/ml