

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071824\
 Data File : PL090586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2024 15:21
 Operator : AR\AJ
 Sample : PB162138BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162138BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/19/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:49:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.548	2.791	42430730	35434143	20.378	21.055
28) SA Decachlor...	9.064	7.936	26908977	25463119	20.250	17.463
Target Compounds						
2) A alpha-BHC	4.004	3.294	131.3E6	120.5E6	44.240	49.866
3) MA gamma-BHC...	4.336	3.625	126.1E6	115.2E6	45.046	49.962
4) MA Heptachlor	4.925	3.965	106.9E6	99956948	41.998	45.310
5) MB Aldrin	5.266	4.246	112.0E6	103.3E6	44.837m	48.541
6) B beta-BHC	4.532	3.923	54400178	47656597	42.885	46.170
7) B delta-BHC	4.779	4.153	119.2E6	106.4E6	44.458	48.362
8) B Heptachlo...	5.693	4.749	102.1E6	95114295	43.456	48.767
9) A Endosulfan I	6.079	5.119	92418629	85902022	43.212	46.973
10) B gamma-Chl...	5.949	4.999	97447293	93841519	41.912	46.286
11) B alpha-Chl...	6.028	5.063	97815918	93209784	42.608	46.129
12) B 4,4'-DDE	6.201	5.252	87240036	83298394	43.145	46.610
13) MA Dieldrin	6.354	5.383	95327443	90735792	42.905	46.272
14) MA Endrin	6.583	5.659	68206097	67165967	37.100	39.025
15) B Endosulfa...	6.802	5.953	79834393	78148594	40.590	45.744
16) A 4,4'-DDD	6.717	5.806	78511047	79218980	46.506	52.874
17) MA 4,4'-DDT	7.032	6.057	59696181	55592427	35.464	37.943
18) B Endrin al...	6.932	6.132	64915130	59834198	43.755	45.796
19) B Endosulfa...	7.167	6.356	75143001	72506511	42.787	44.965
20) A Methoxychlor	7.506	6.631	32657984	30086350	36.989	37.210m
21) B Endrin ke...	7.651	6.862	87626508	88737546	45.902	48.557
22) Mirex	8.125	7.044	61047072	60984904	43.105	41.023

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071824\
Data File : PL090586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2024 15:21
Operator : AR\AJ
Sample : PB162138BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

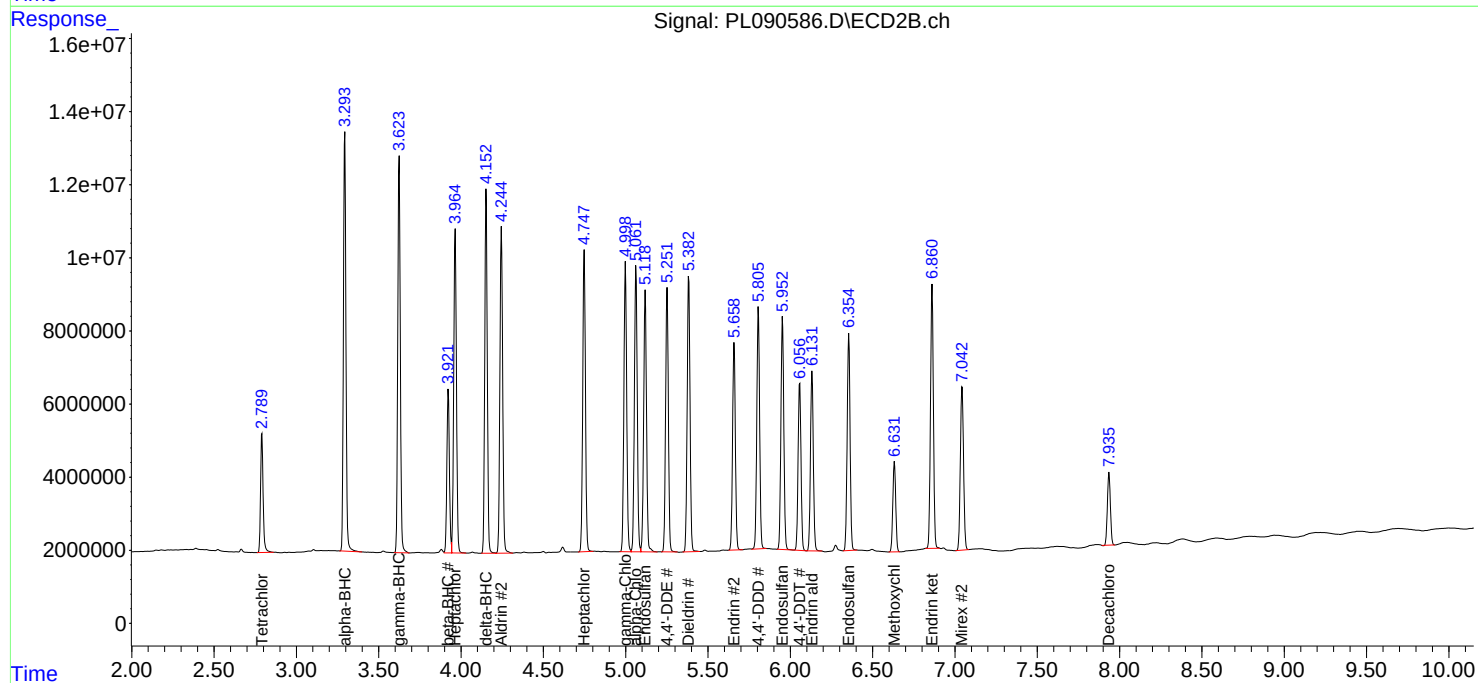
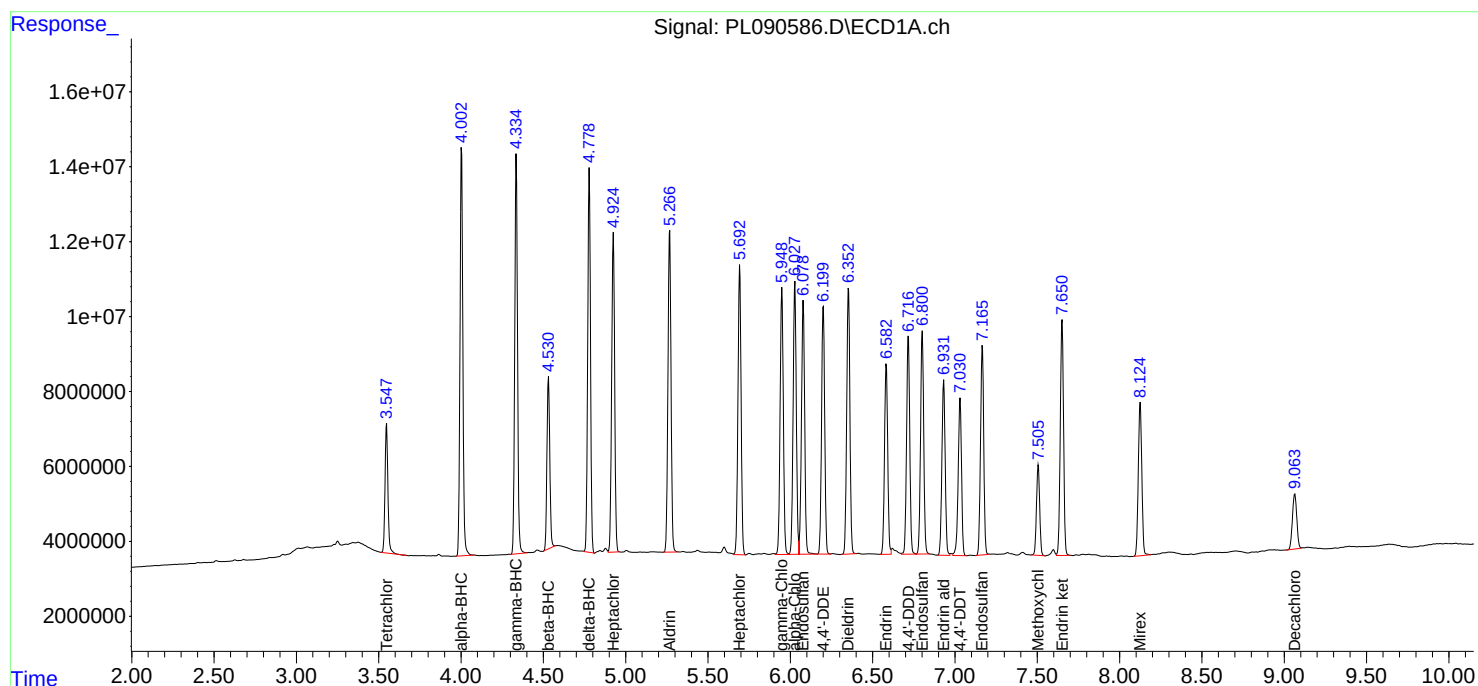
Instrument :
ECD_L
ClientSampleId :
PB162138BSD

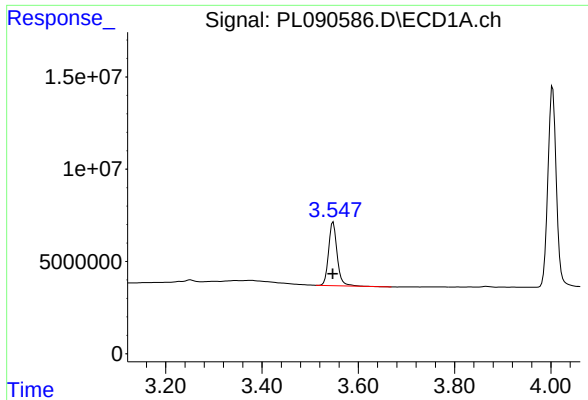
Manual Integrations
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Supervised By :Ankita Jodhani 07/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:49:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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.: 3.548 min
Delta R.T.: 0.000 min
Response: 42430730
Conc: 20.38 ng/ml

Instrument :

ECD_L

ClientSampleId :

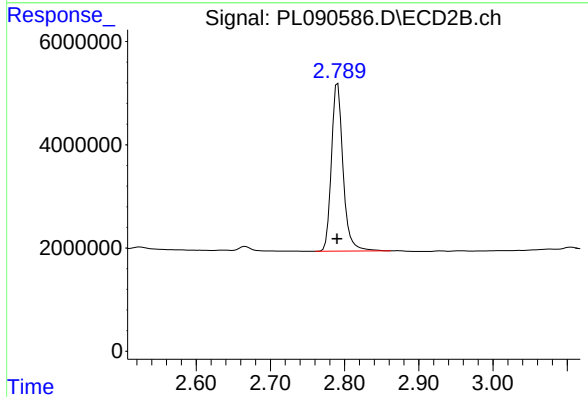
PB162138BSD

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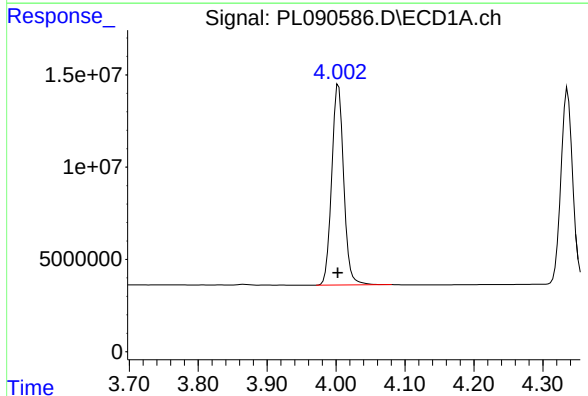
Reviewed By :Abdul Mirza 07/19/2024

Supervised By :Ankita Jodhani 07/19/2024



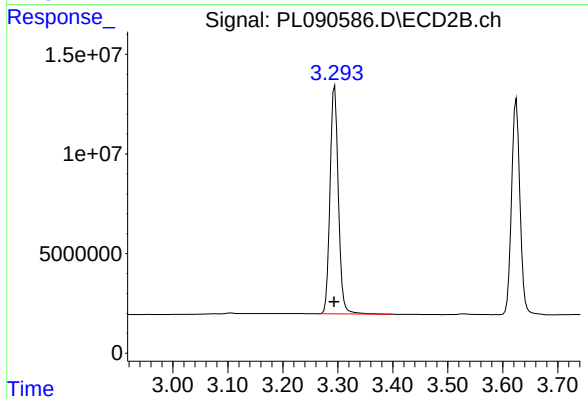
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.001 min
Response: 35434143
Conc: 21.05 ng/ml



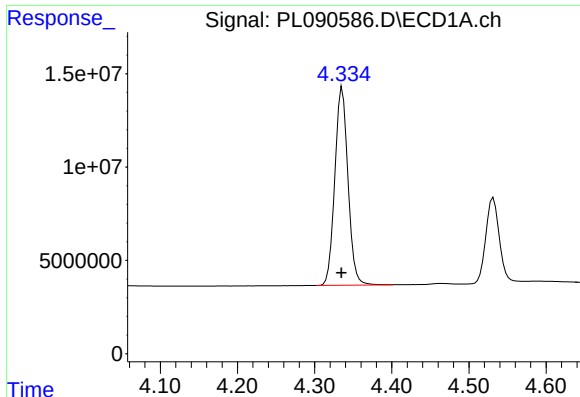
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 131275946
Conc: 44.24 ng/ml



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 120481934
Conc: 49.87 ng/ml



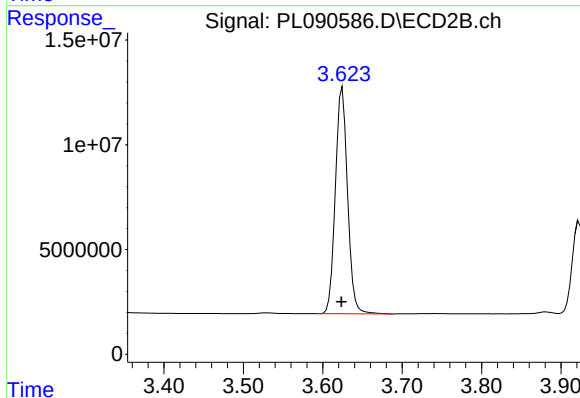
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.001 min
Response: 126148952
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

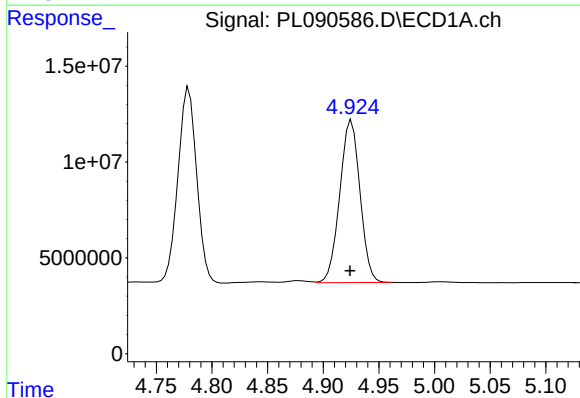
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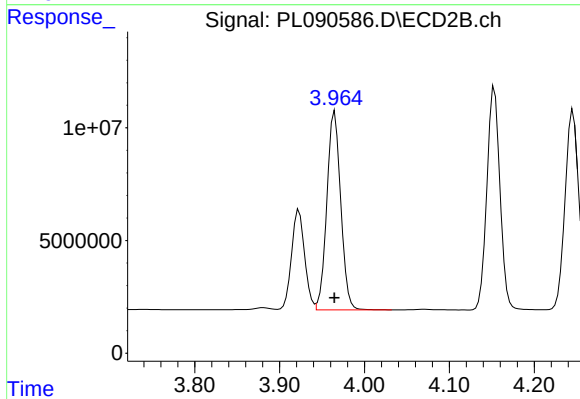
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 115210090
Conc: 49.96 ng/ml



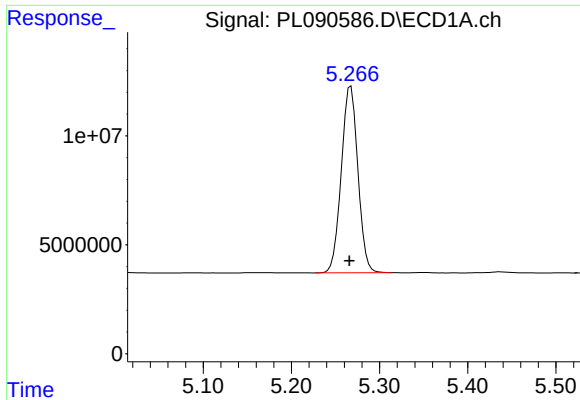
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.001 min
Response: 106887996
Conc: 42.00 ng/ml



#4 Heptachlor

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 99956948
Conc: 45.31 ng/ml



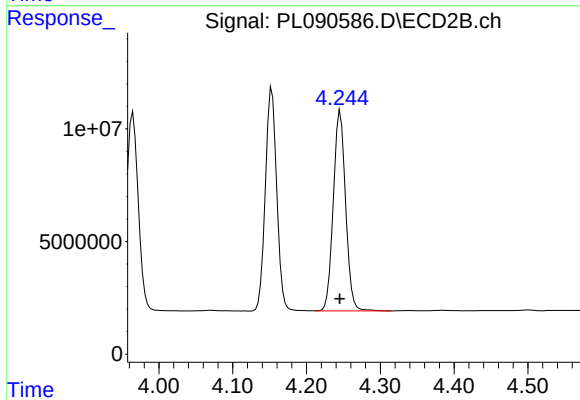
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 112020760
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

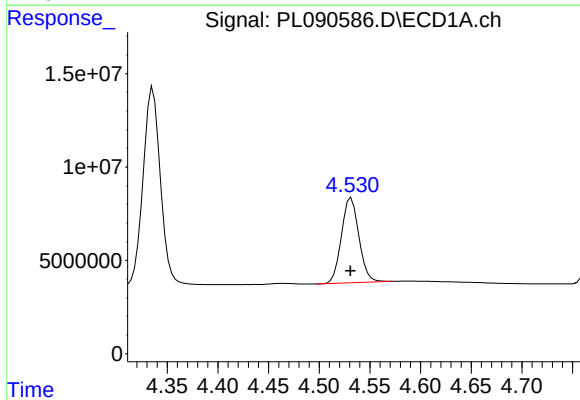
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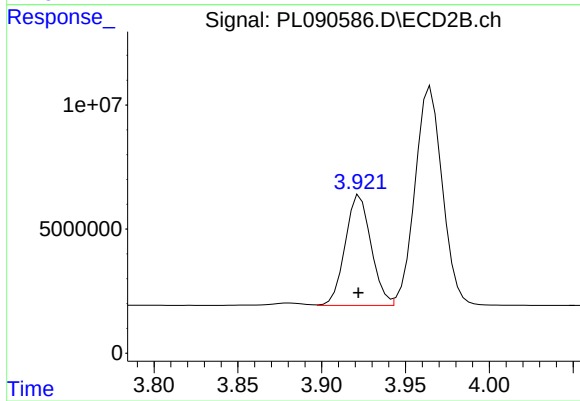
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 103268931
Conc: 48.54 ng/ml



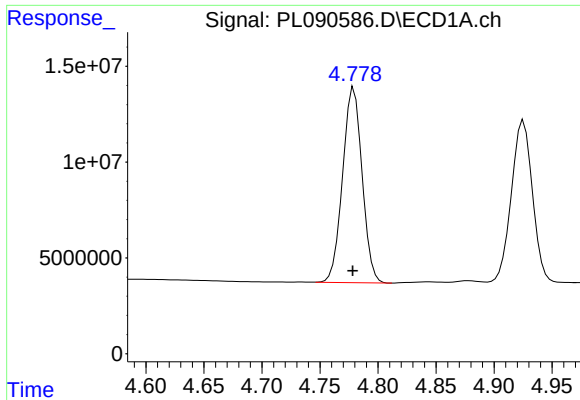
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 54400178
Conc: 42.88 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 47656597
Conc: 46.17 ng/ml



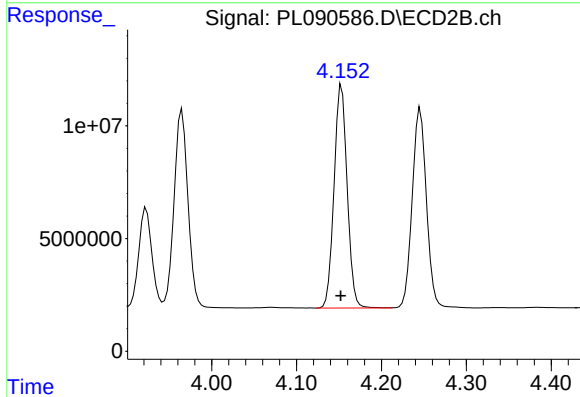
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.001 min
Response: 119195585
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

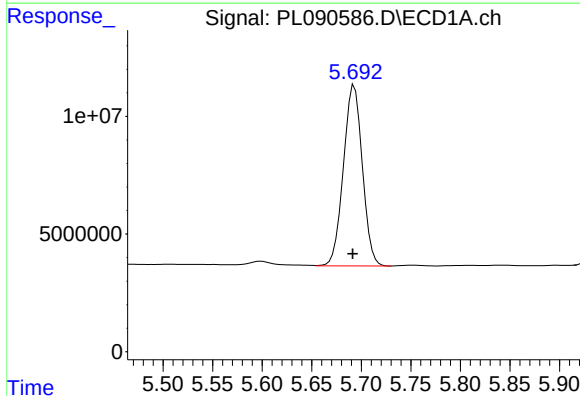
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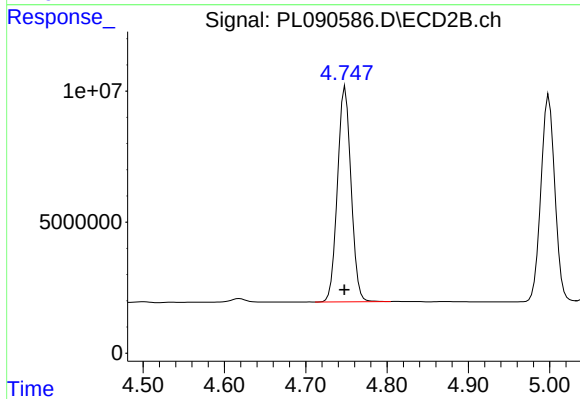
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.001 min
Response: 106383872
Conc: 48.36 ng/ml



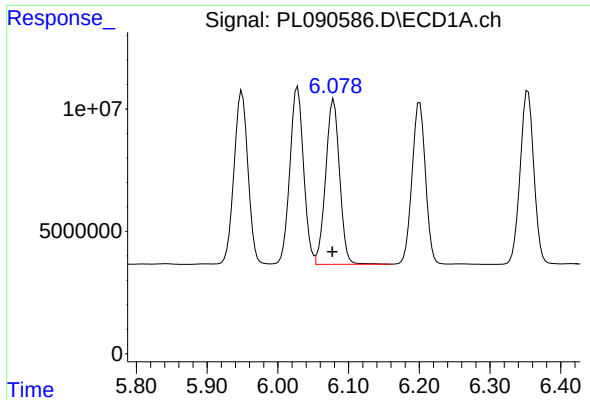
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.002 min
Response: 102139261
Conc: 43.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.001 min
Response: 95114295
Conc: 48.77 ng/ml



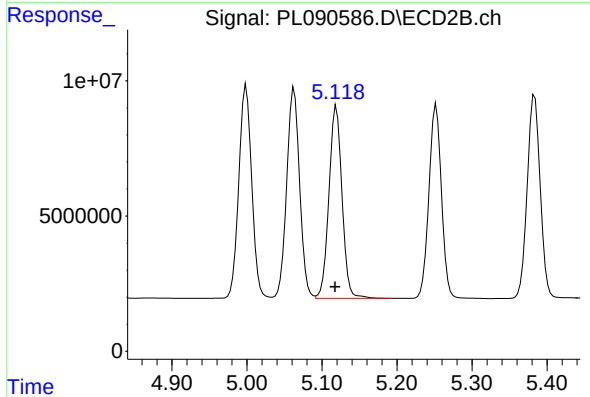
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 92418629
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

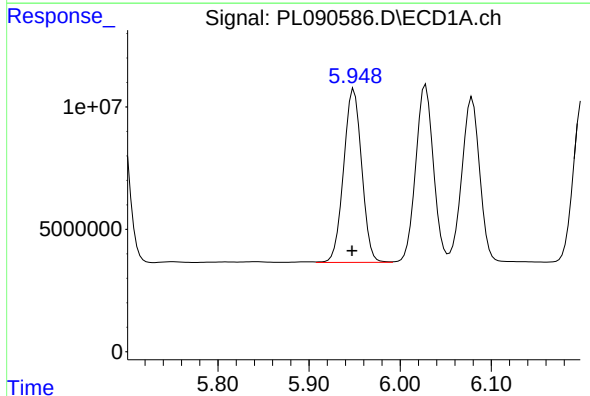
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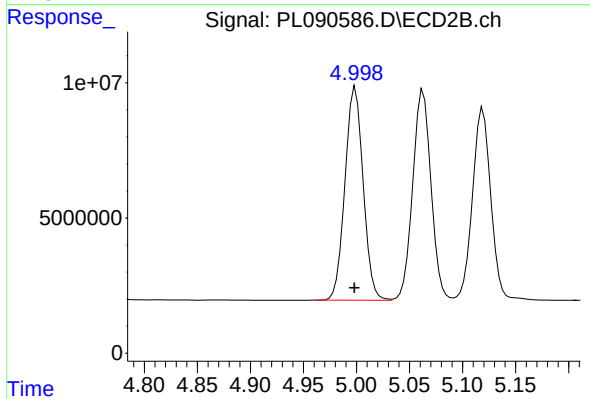
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.002 min
Response: 85902022
Conc: 46.97 ng/ml



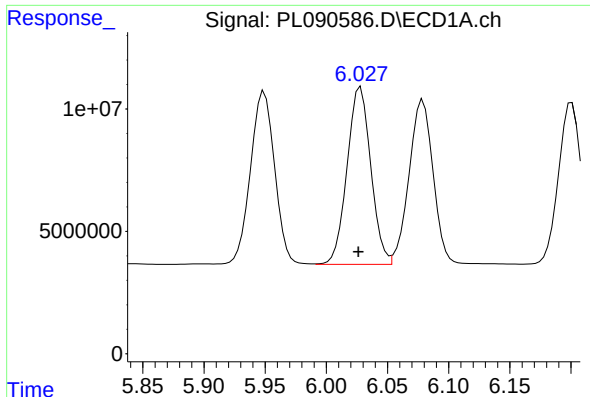
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 97447293
Conc: 41.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 93841519
Conc: 46.29 ng/ml



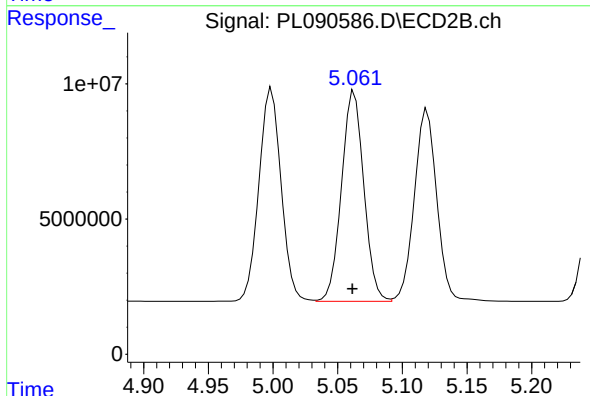
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 97815918
Conc: 42.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

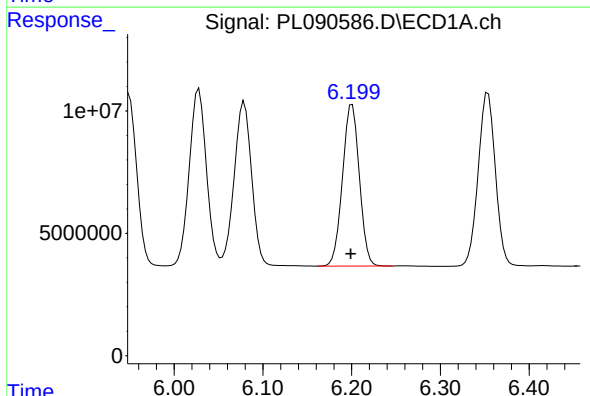
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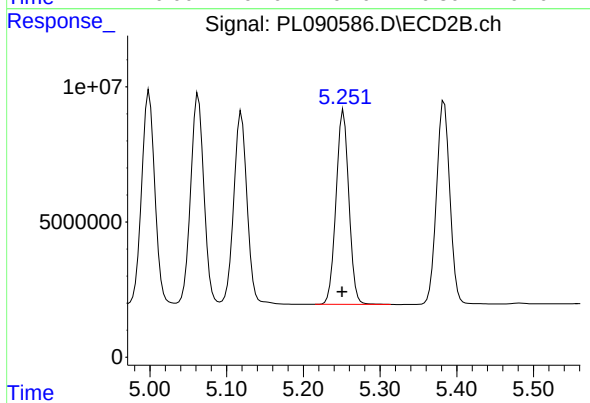
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.001 min
Response: 93209784
Conc: 46.13 ng/ml



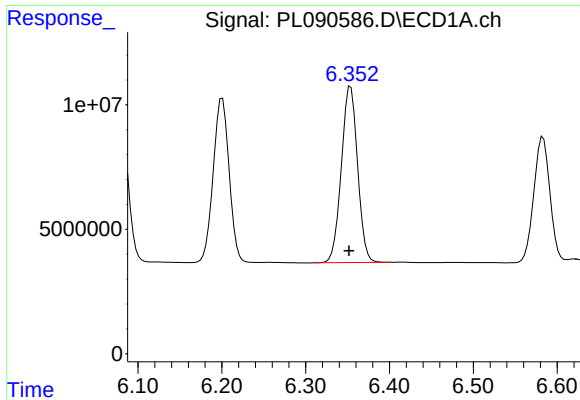
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 87240036
Conc: 43.15 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 83298394
Conc: 46.61 ng/ml



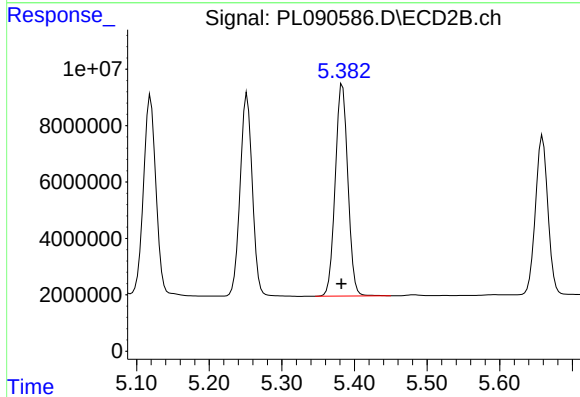
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 95327443
Conc: 42.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

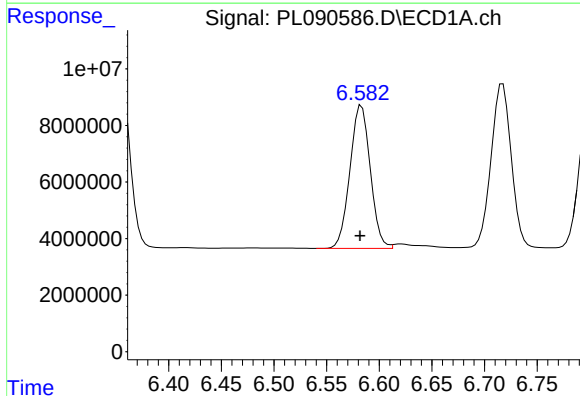
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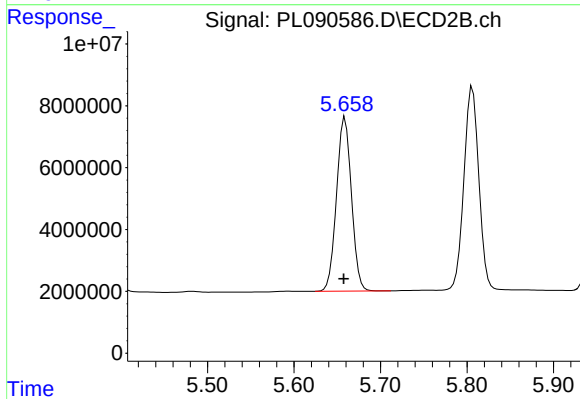
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.001 min
Response: 90735792
Conc: 46.27 ng/ml



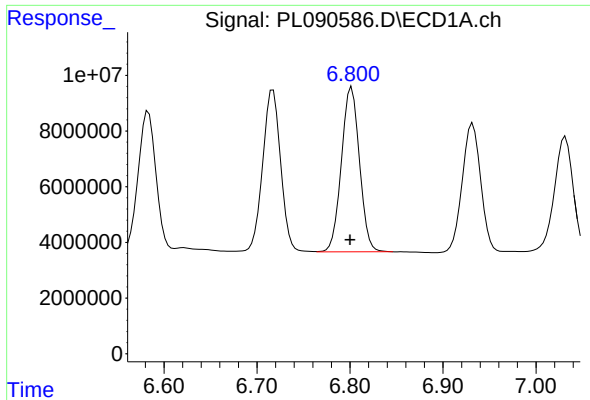
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.002 min
Response: 68206097
Conc: 37.10 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.002 min
Response: 67165967
Conc: 39.02 ng/ml



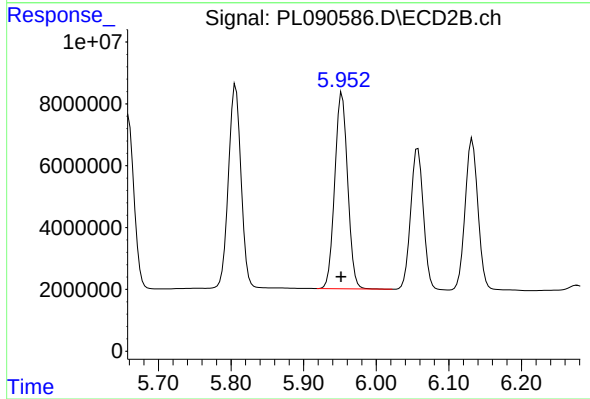
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 79834393
Conc: 40.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

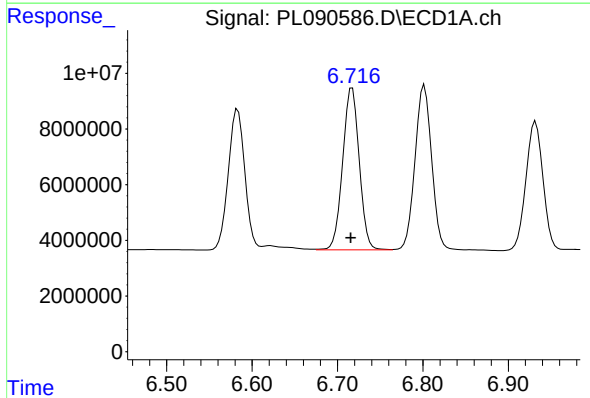
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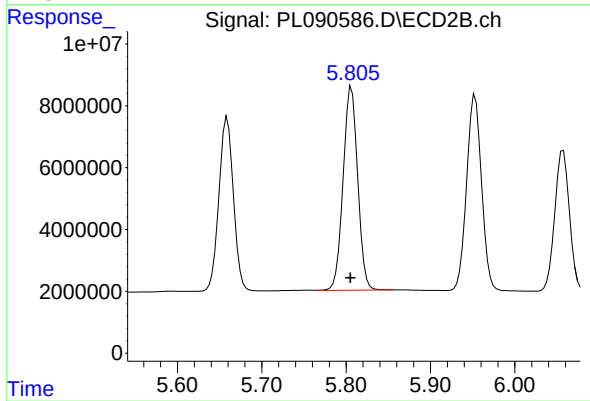
#15 Endosulfan II

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 78148594
Conc: 45.74 ng/ml



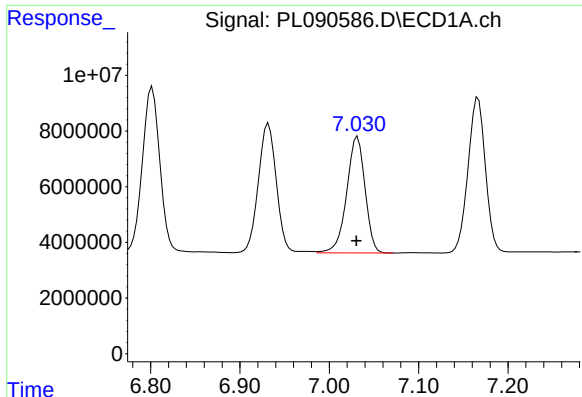
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.002 min
Response: 78511047
Conc: 46.51 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.001 min
Response: 79218980
Conc: 52.87 ng/ml



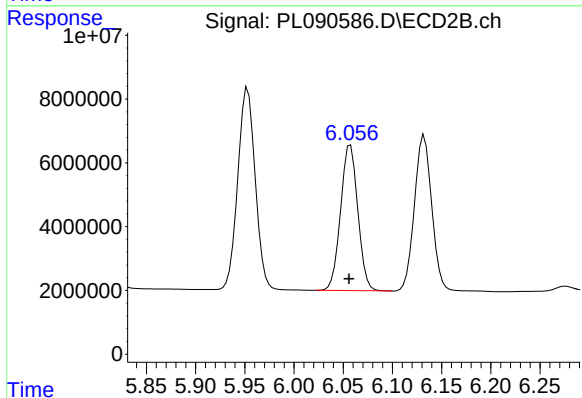
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 59696181
Conc: 35.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

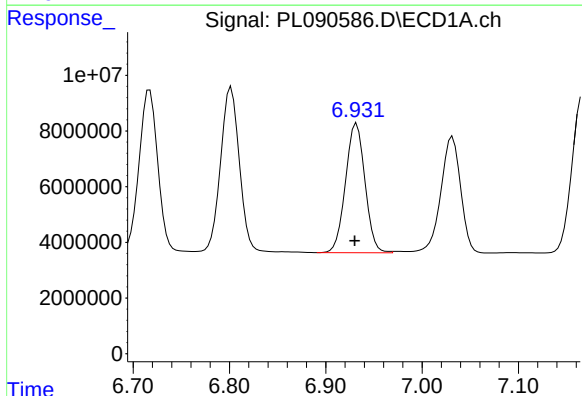
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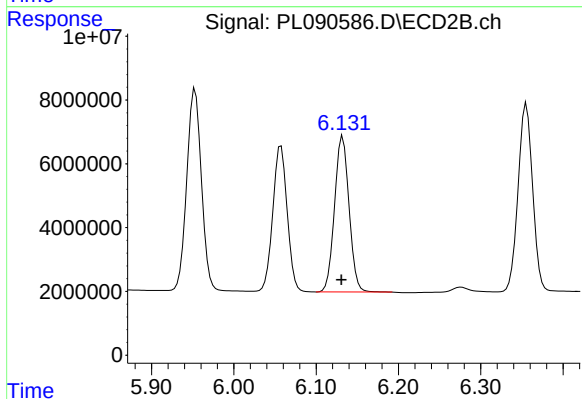
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 55592427
Conc: 37.94 ng/ml



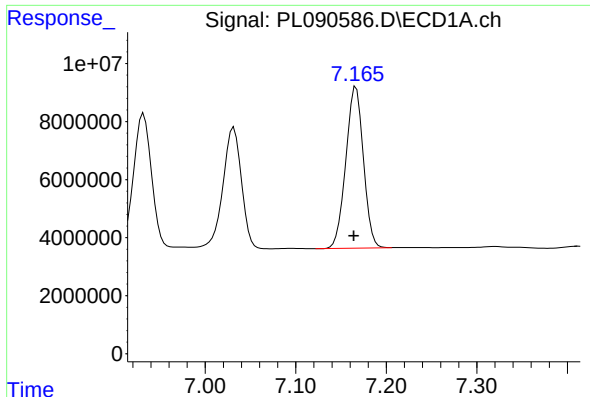
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 64915130
Conc: 43.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 59834198
Conc: 45.80 ng/ml



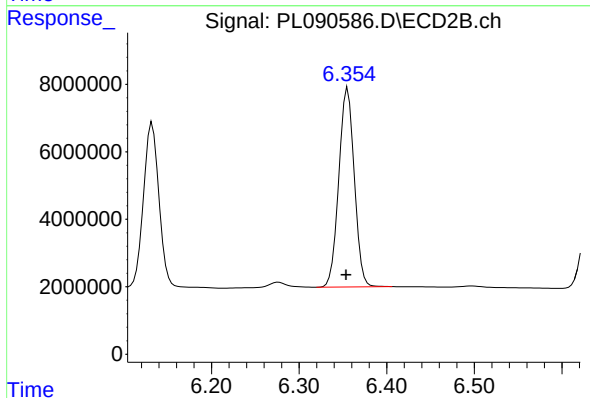
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.002 min
Response: 75143001
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

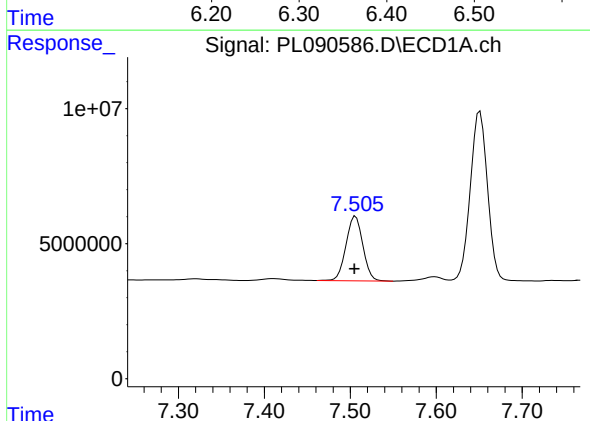
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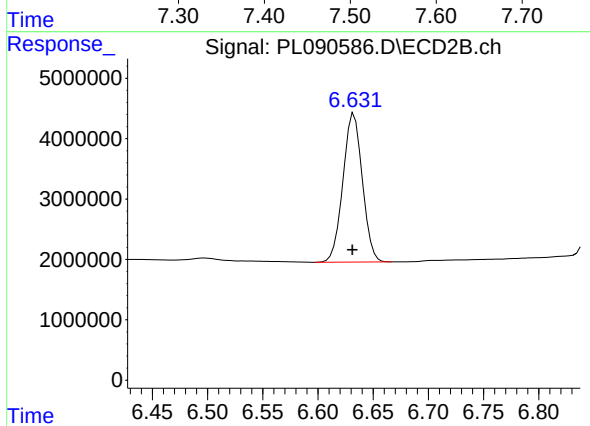
#19 Endosulfan Sulfate

R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 72506511
Conc: 44.97 ng/ml



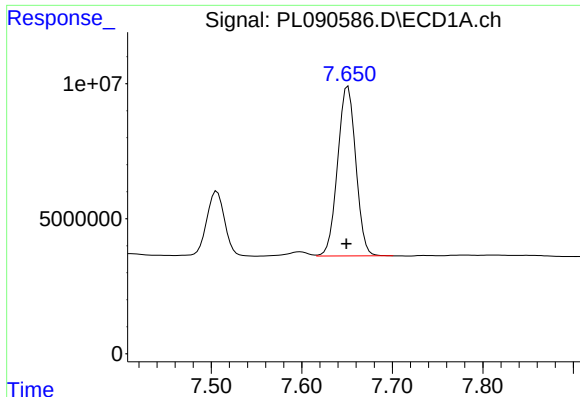
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 32657984
Conc: 36.99 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 30086350
Conc: 37.21 ng/ml m



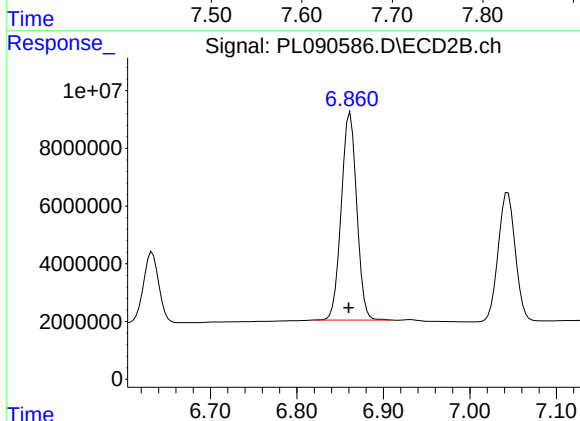
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 87626508
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

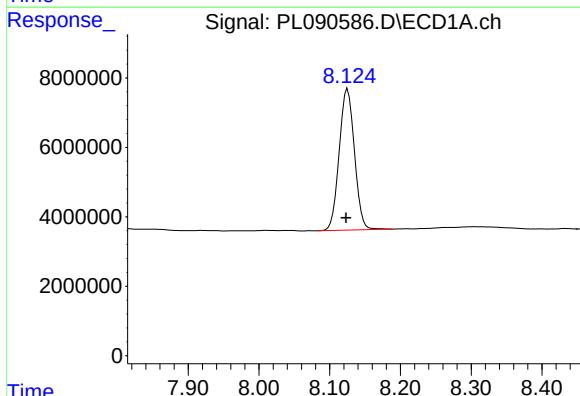
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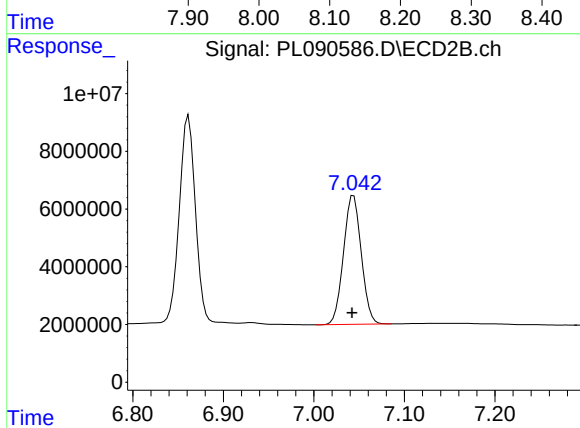
#21 Endrin ketone

R.T.: 6.862 min
Delta R.T.: 0.002 min
Response: 88737546
Conc: 48.56 ng/ml



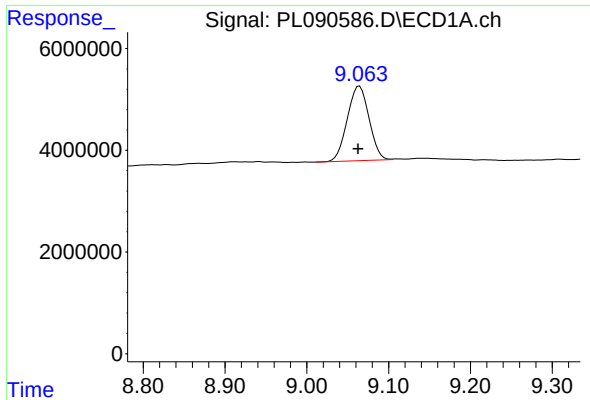
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 61047072
Conc: 43.11 ng/ml



#22 Mirex

R.T.: 7.044 min
Delta R.T.: 0.002 min
Response: 60984904
Conc: 41.02 ng/ml



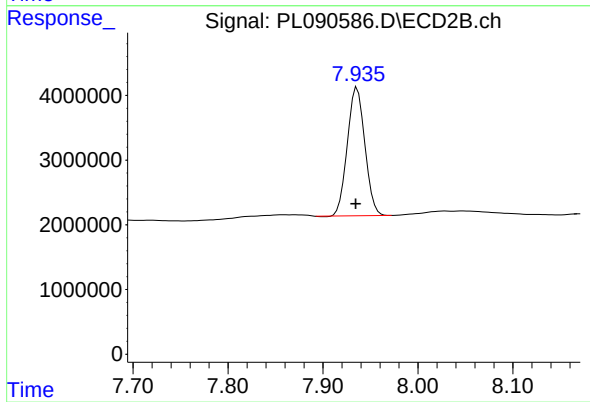
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.002 min
Response: 26908977
Conc: 20.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/19/2024
Supervised By :Ankita Jodhani 07/19/2024



#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.001 min
Response: 25463119
Conc: 17.46 ng/ml