

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
 Data File : PL077632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2022 23:12
 Operator : AR\AJ
 Sample : PB147528BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147528BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/13/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 03:13:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 2022
 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...	3.422	2.625	28956550	48306177	16.936	18.255
28)	SA Decachlor...	8.911	7.728	27283727	41104681	18.190	20.843
Target Compounds							
2)	A alpha-BHC	3.887	3.118	126.8E6	206.4E6	49.410	51.547
3)	MA gamma-BHC...	4.222	3.441	117.5E6	186.7E6	49.115	59.715m
4)	MA Heptachlor	4.798	3.775	113.4E6	185.1E6	48.458	55.773
5)	MB Aldrin	5.139	4.049	103.7E6	175.7E6	46.739	55.512
6)	B beta-BHC	4.435	3.742	49212682	75312528	47.966	52.623
7)	B delta-BHC	4.679	3.965	110.2E6	191.4E6	58.533	53.858
8)	B Heptachlo...	5.571	4.548	97195103	162.4E6	60.753	59.393
9)	A Endosulfan I	5.958	4.914	92473430	140.2E6	52.662	54.323
10)	B gamma-Chl...	5.827	4.797	101.4E6	147.6E6	54.059	52.691
11)	B alpha-Chl...	5.904	4.860	99708492	141.1E6	52.864	52.406
12)	B 4,4'-DDE	6.084	5.055	94190980	149.0E6	53.774	54.899
13)	MA Dieldrin	6.235	5.177	84491007	151.0E6	46.200	55.112
14)	MA Endrin	6.467	5.450	74634166	138.6E6	49.294	67.239 #
15)	B Endosulfa...	6.695	5.746	75433344	129.6E6	46.532	55.092
16)	A 4,4'-DDD	6.608	5.608	71194127	128.1E6	53.898	62.206
17)	MA 4,4'-DDT	6.918	5.856	78068652	131.2E6	49.243	61.468
18)	B Endrin al...	6.826	5.925	60973967	99560313	52.268	57.246
19)	B Endosulfa...	7.058	6.149	73393744	129.7E6	49.430	58.763
20)	A Methoxychlor	7.400	6.434	38061455	65442488	47.984	55.692
21)	B Endrin ke...	7.546	6.648	78990528	140.0E6	51.168	57.734
22)	Mirex	8.007	6.823	59487809	98176732	48.925	56.078

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090922\
Data File : PL077632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2022 23:12
Operator : AR\AJ
Sample : PB147528BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

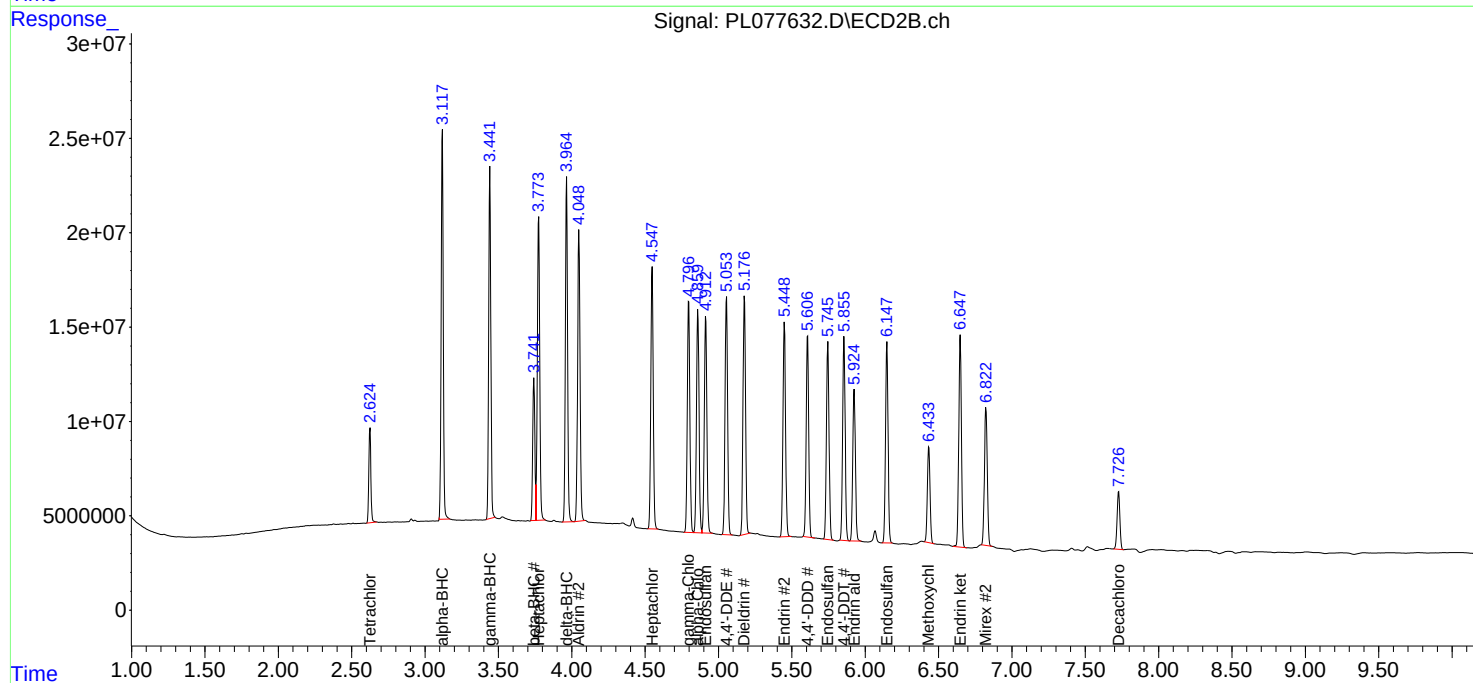
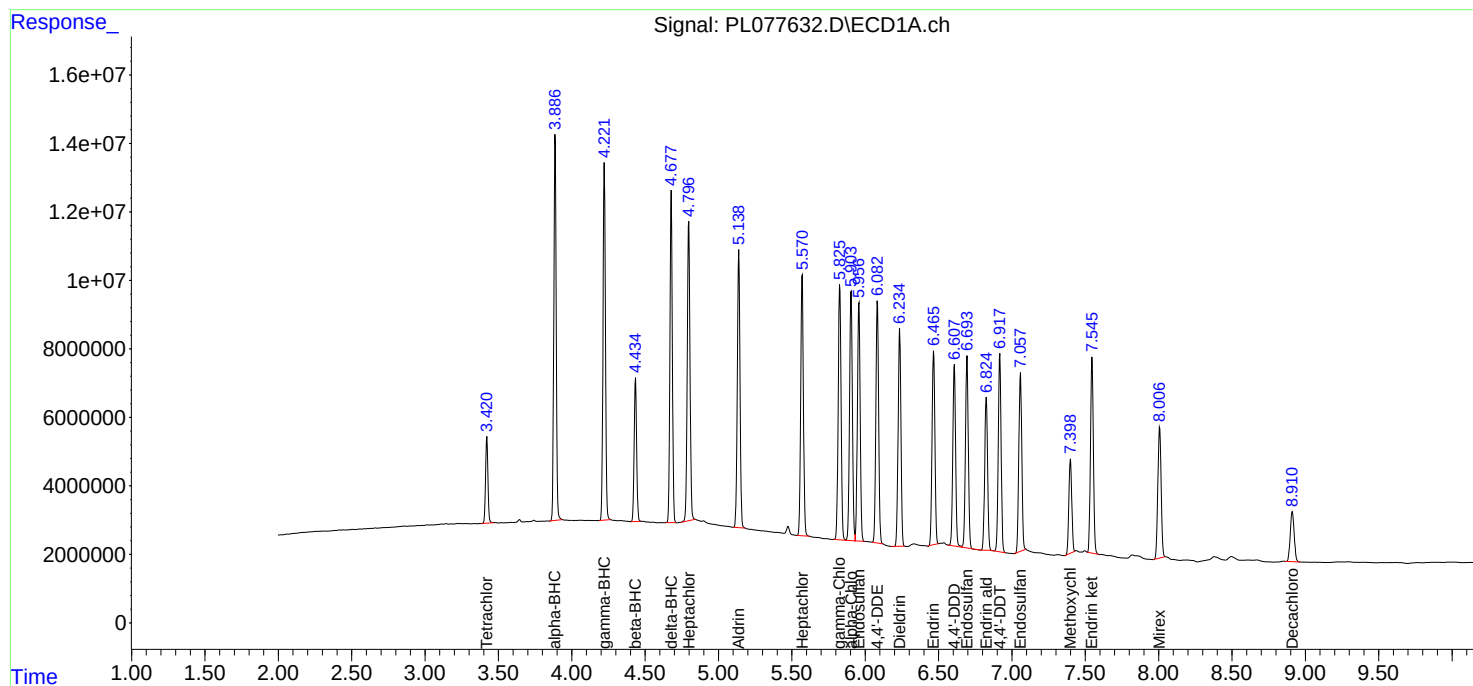
Instrument :
ECD_L
ClientSampleId :
PB147528BS

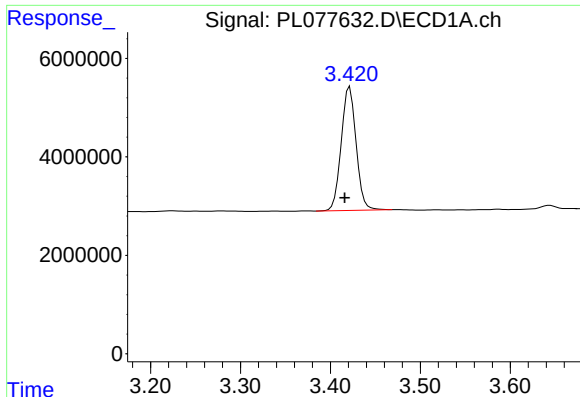
Manual Integrations
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Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 03:13:55 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
Quant Title : GC Extractables
QLast Update : Wed Sep 07 14:34:08 2022
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





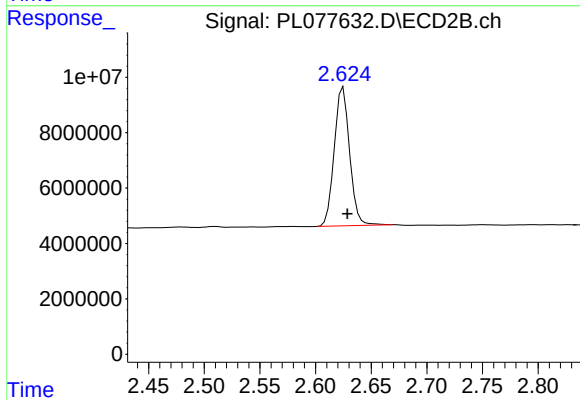
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.006 min
Response: 28956550
Conc: 16.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

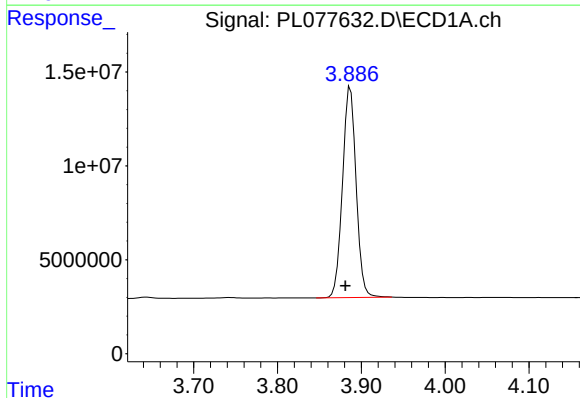
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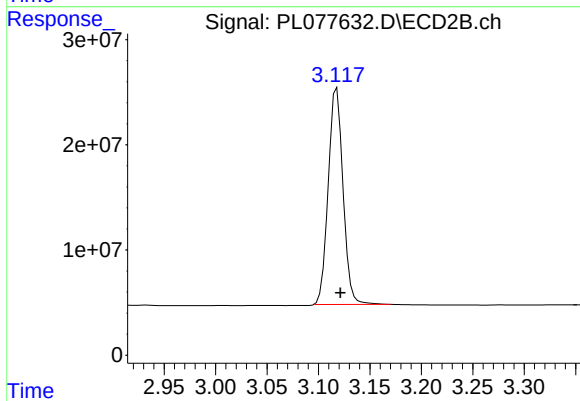
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.004 min
Response: 48306177
Conc: 18.26 ng/ml



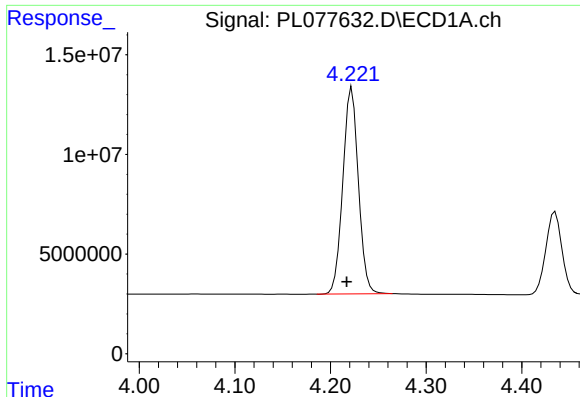
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.006 min
Response: 126808331
Conc: 49.41 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.003 min
Response: 206430293
Conc: 51.55 ng/ml



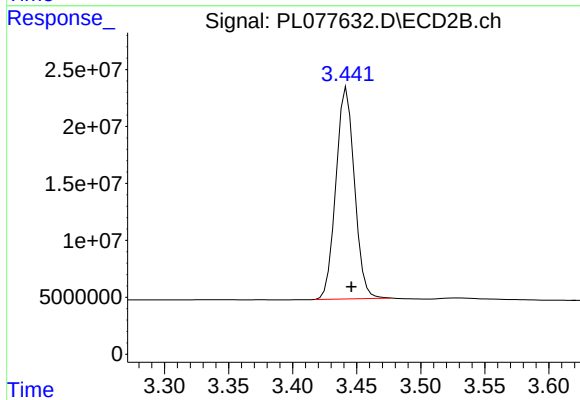
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.005 min
Response: 117531027
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

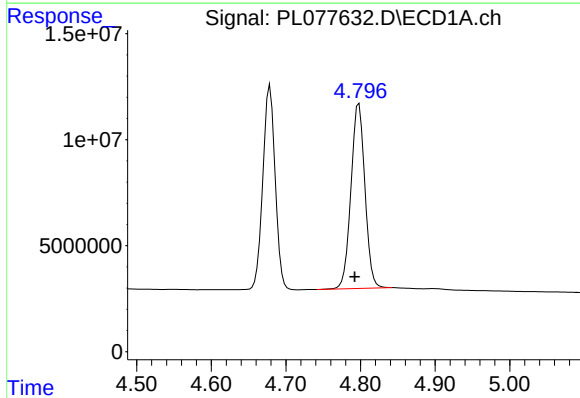
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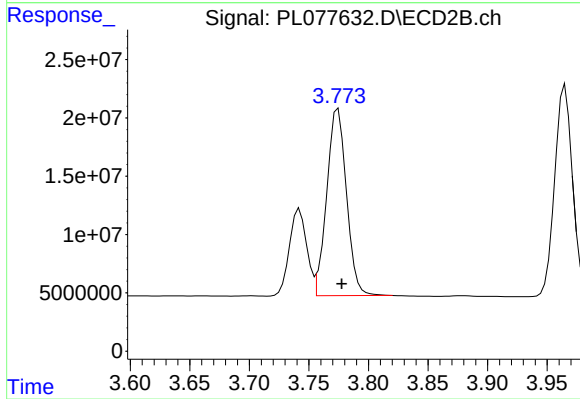
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.005 min
Response: 186677208
Conc: 59.72 ng/ml m



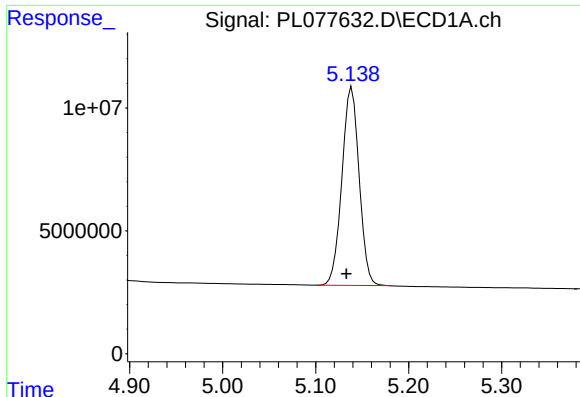
#4 Heptachlor

R.T.: 4.798 min
Delta R.T.: 0.005 min
Response: 113382422
Conc: 48.46 ng/ml



#4 Heptachlor

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 185091871
Conc: 55.77 ng/ml



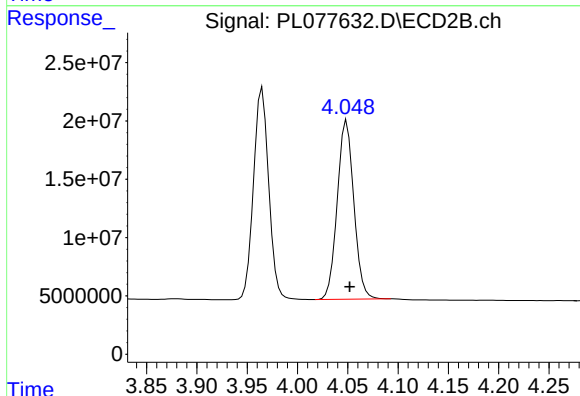
#5 Aldrin

R.T.: 5.139 min
Delta R.T.: 0.006 min
Response: 103683143
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

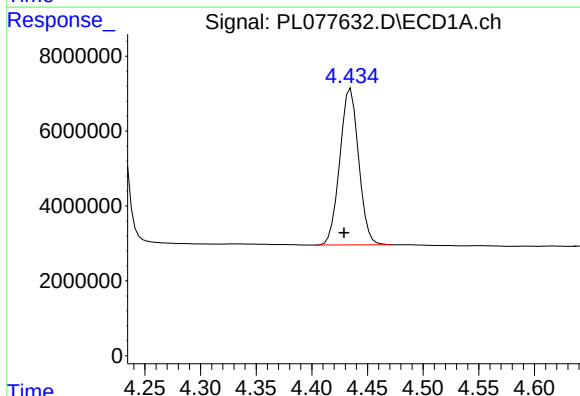
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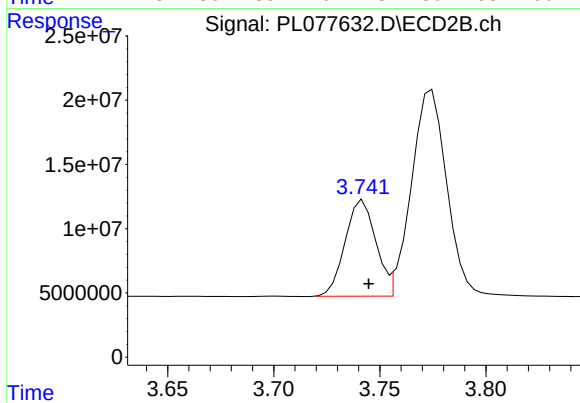
#5 Aldrin

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 175706819
Conc: 55.51 ng/ml



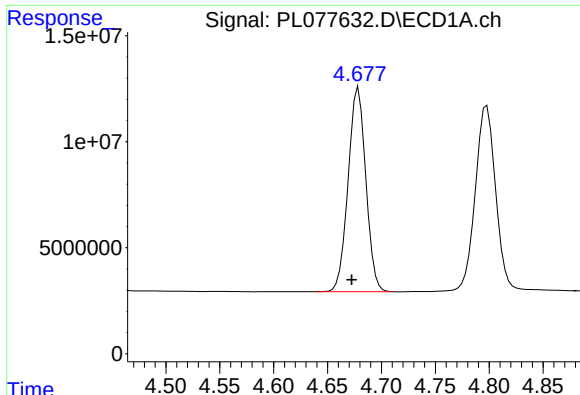
#6 beta-BHC

R.T.: 4.435 min
Delta R.T.: 0.006 min
Response: 49212682
Conc: 47.97 ng/ml



#6 beta-BHC

R.T.: 3.742 min
Delta R.T.: -0.003 min
Response: 75312528
Conc: 52.62 ng/ml



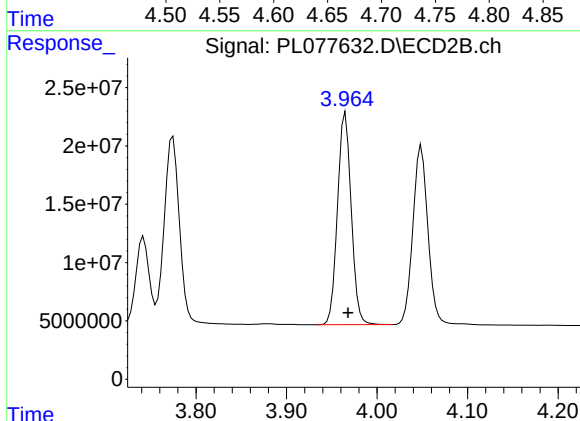
#7 delta-BHC

R.T.: 4.679 min
Delta R.T.: 0.006 min
Response: 110210368
Conc: 58.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

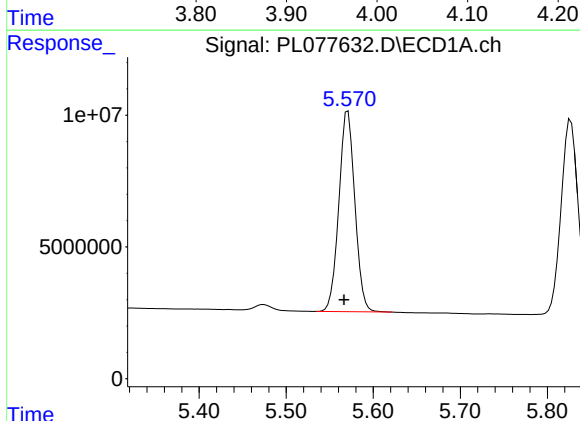
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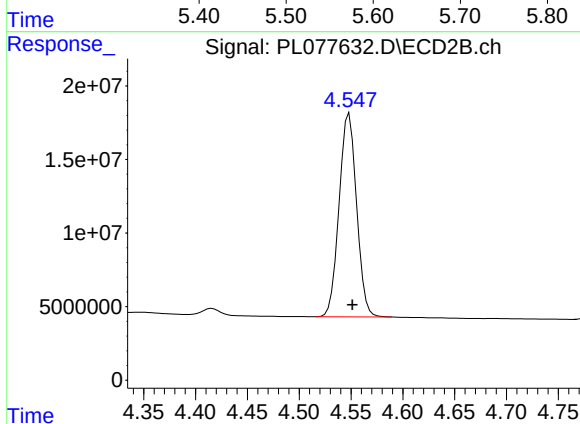
#7 delta-BHC

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 191367717
Conc: 53.86 ng/ml



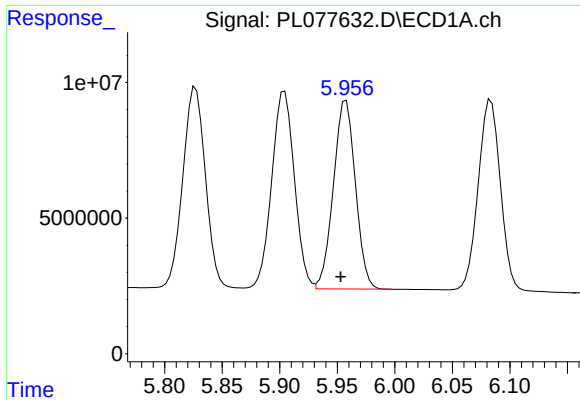
#8 Heptachlor epoxide

R.T.: 5.571 min
Delta R.T.: 0.005 min
Response: 97195103
Conc: 60.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 162402944
Conc: 59.39 ng/ml



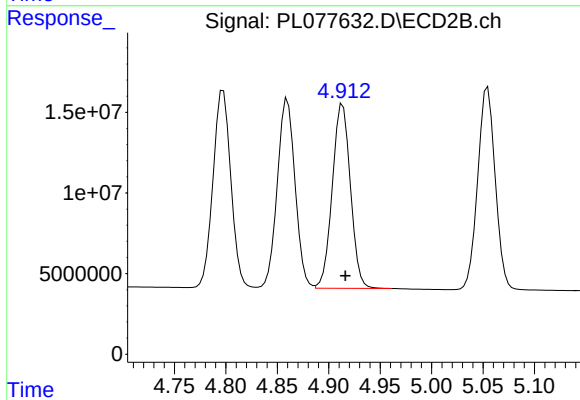
#9 Endosulfan I

R.T.: 5.958 min
Delta R.T.: 0.005 min
Response: 92473430
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

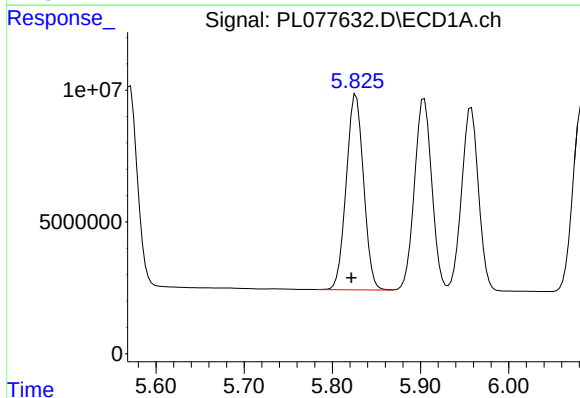
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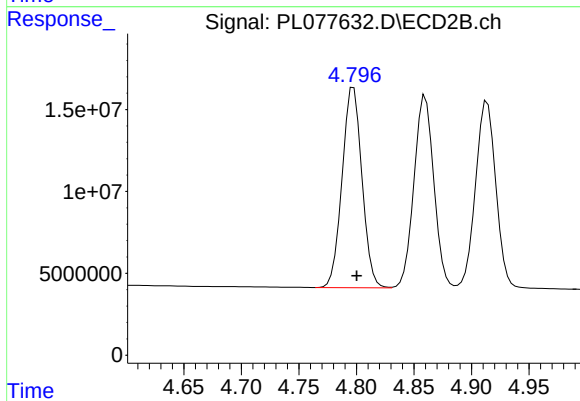
#9 Endosulfan I

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 140200382
Conc: 54.32 ng/ml



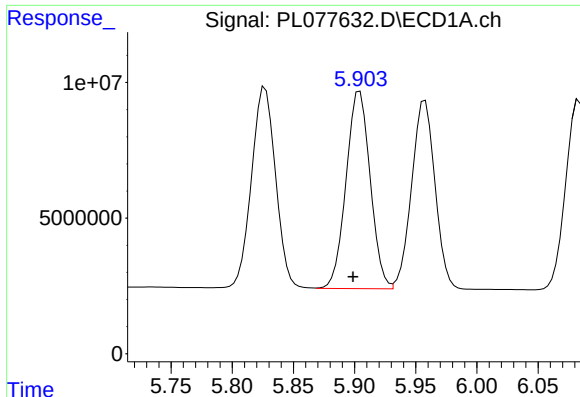
#10 gamma-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.005 min
Response: 101381982
Conc: 54.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 147567337
Conc: 52.69 ng/ml



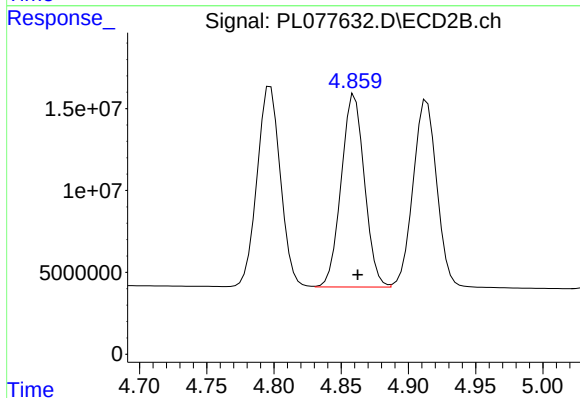
#11 alpha-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.006 min
Response: 99708492
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

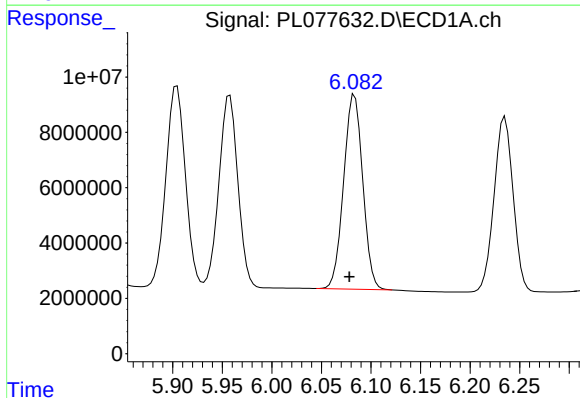
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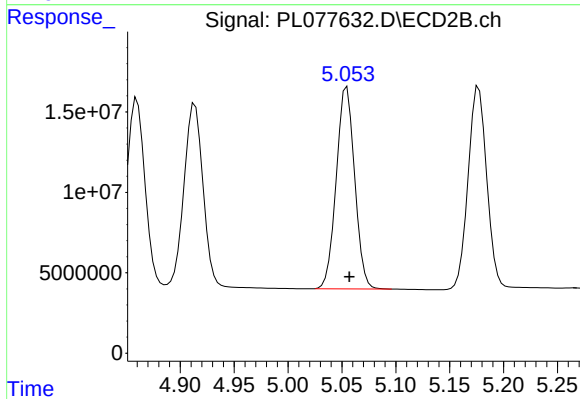
#11 alpha-Chlordane

R.T.: 4.860 min
Delta R.T.: -0.003 min
Response: 141115288
Conc: 52.41 ng/ml



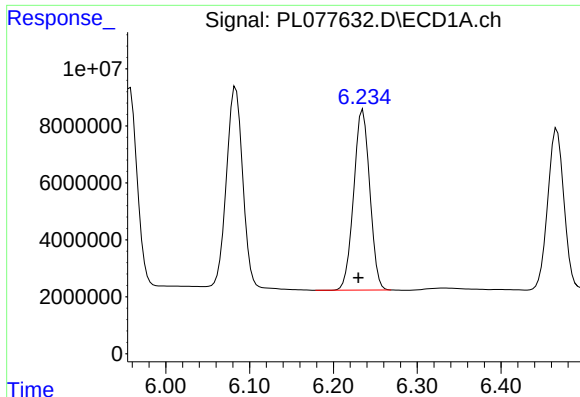
#12 4,4'-DDE

R.T.: 6.084 min
Delta R.T.: 0.005 min
Response: 94190980
Conc: 53.77 ng/ml



#12 4,4'-DDE

R.T.: 5.055 min
Delta R.T.: -0.002 min
Response: 149012738
Conc: 54.90 ng/ml



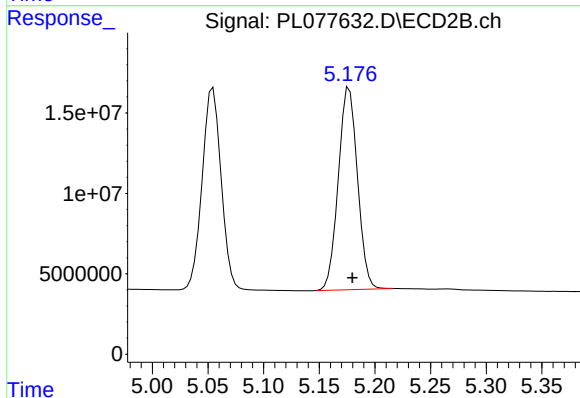
#13 Dieldrin

R.T.: 6.235 min
Delta R.T.: 0.006 min
Response: 84491007
Conc: 46.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

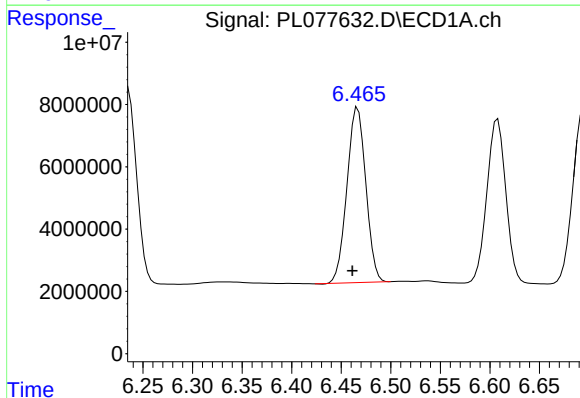
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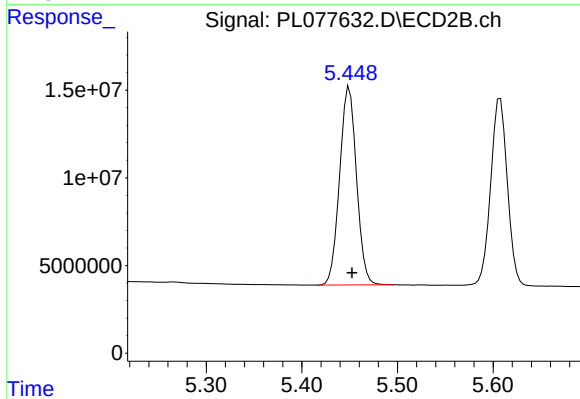
#13 Dieldrin

R.T.: 5.177 min
Delta R.T.: -0.003 min
Response: 150990404
Conc: 55.11 ng/ml



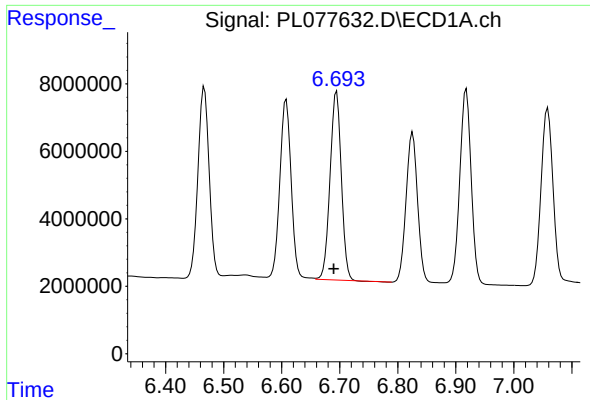
#14 Endrin

R.T.: 6.467 min
Delta R.T.: 0.006 min
Response: 74634166
Conc: 49.29 ng/ml



#14 Endrin

R.T.: 5.450 min
Delta R.T.: -0.003 min
Response: 138606003
Conc: 67.24 ng/ml



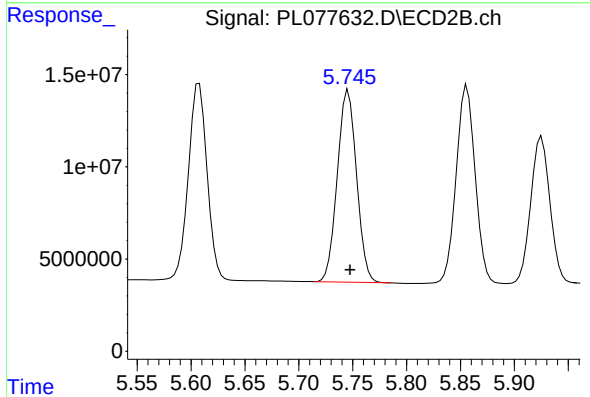
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: 0.005 min
Response: 75433344
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

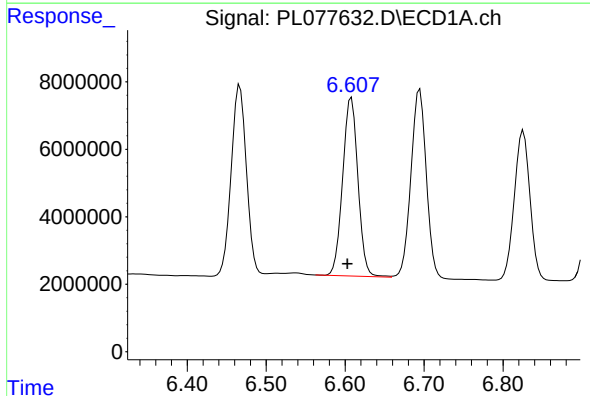
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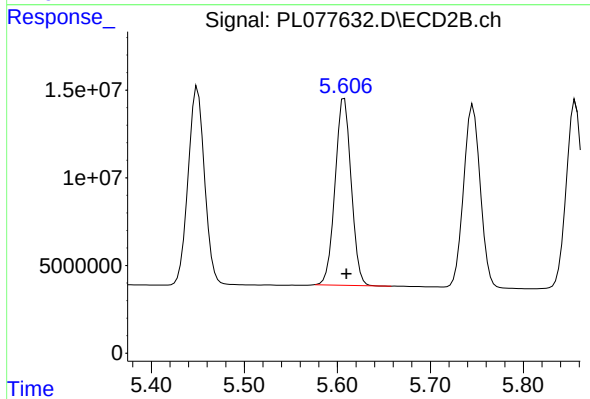
#15 Endosulfan II

R.T.: 5.746 min
Delta R.T.: -0.002 min
Response: 129572611
Conc: 55.09 ng/ml



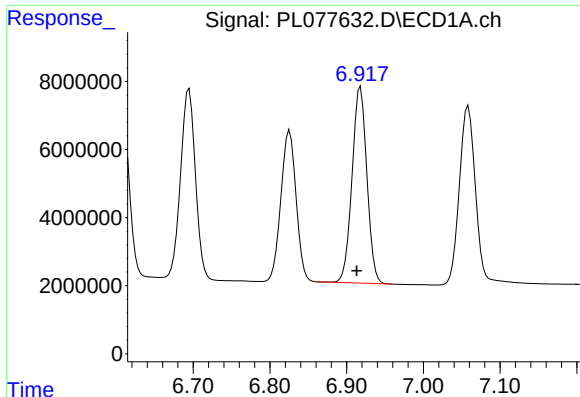
#16 4,4'-DDD

R.T.: 6.608 min
Delta R.T.: 0.005 min
Response: 71194127
Conc: 53.90 ng/ml



#16 4,4'-DDD

R.T.: 5.608 min
Delta R.T.: -0.002 min
Response: 128126680
Conc: 62.21 ng/ml



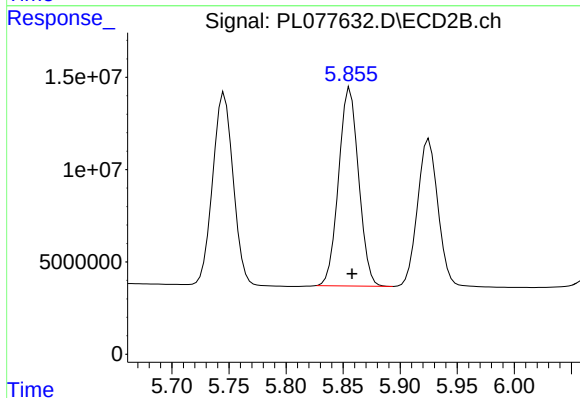
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.005 min
Response: 78068652
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

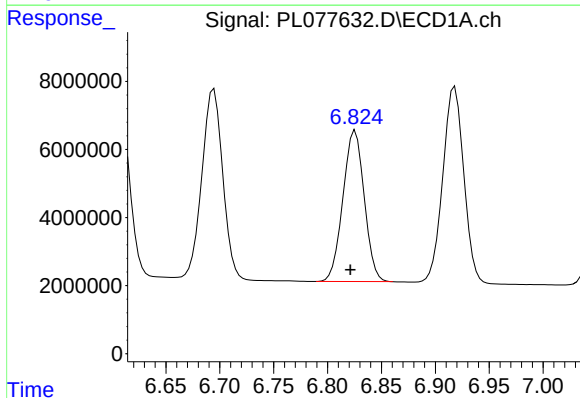
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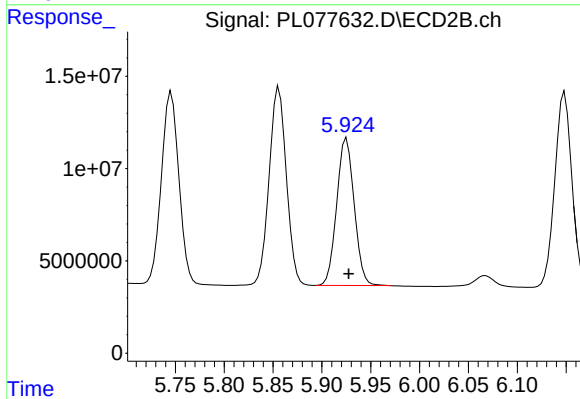
#17 4,4'-DDT

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 131214604
Conc: 61.47 ng/ml



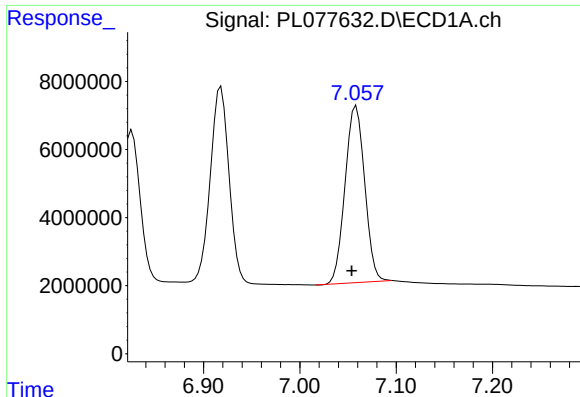
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.005 min
Response: 60973967
Conc: 52.27 ng/ml



#18 Endrin aldehyde

R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 99560313
Conc: 57.25 ng/ml



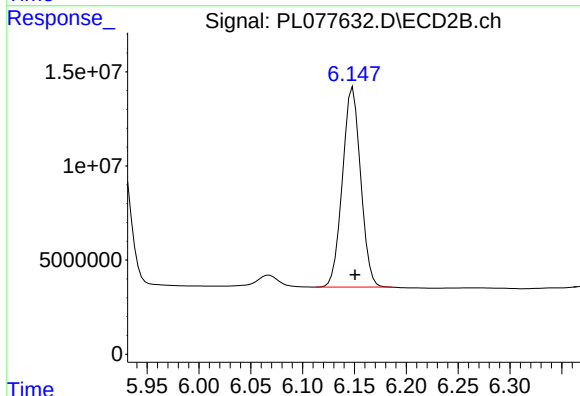
#19 Endosulfan Sulfate

R.T.: 7.058 min
Delta R.T.: 0.005 min
Response: 73393744
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

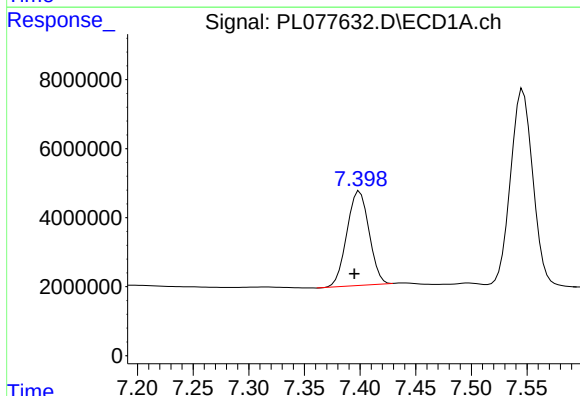
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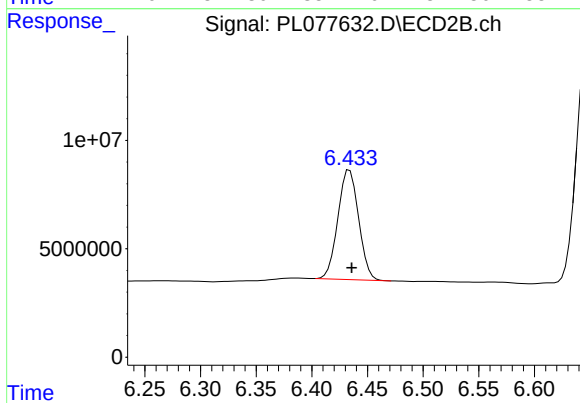
#19 Endosulfan Sulfate

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 129672401
Conc: 58.76 ng/ml



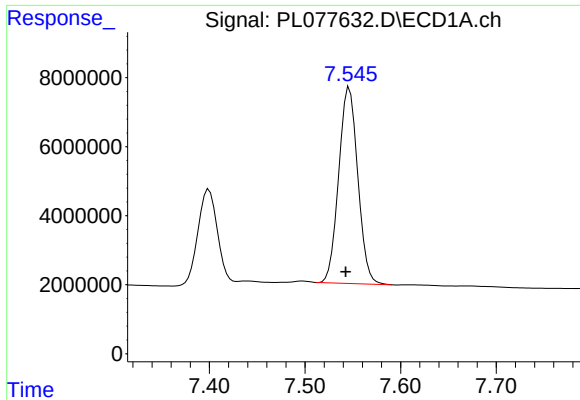
#20 Methoxychlor

R.T.: 7.400 min
Delta R.T.: 0.005 min
Response: 38061455
Conc: 47.98 ng/ml



#20 Methoxychlor

R.T.: 6.434 min
Delta R.T.: -0.002 min
Response: 65442488
Conc: 55.69 ng/ml



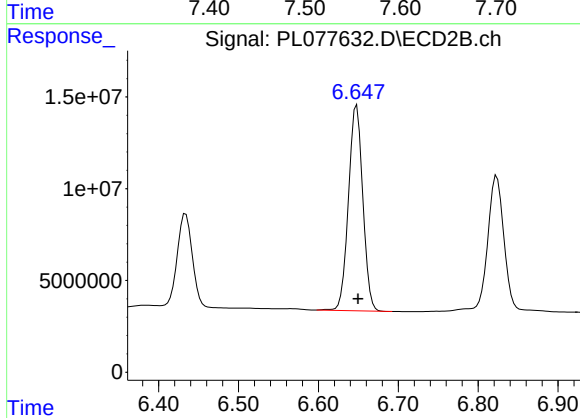
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: 0.004 min
Response: 78990528
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

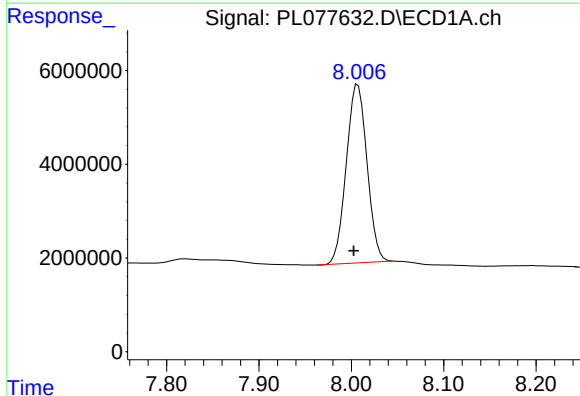
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Supervised By :Ankita Jodhani 09/13/2022



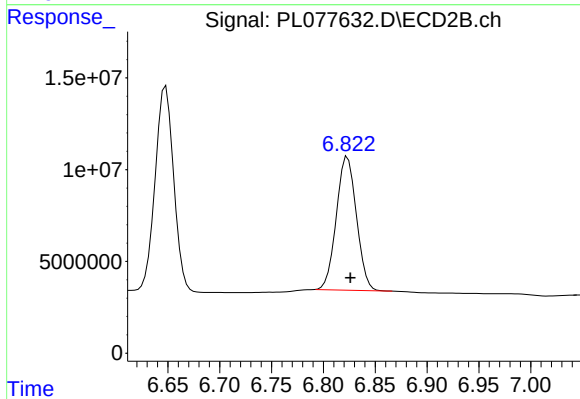
#21 Endrin ketone

R.T.: 6.648 min
Delta R.T.: -0.002 min
Response: 140033275
Conc: 57.73 ng/ml



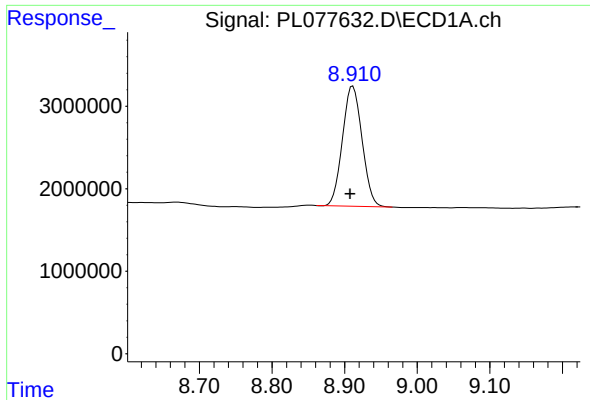
#22 Mirex

R.T.: 8.007 min
Delta R.T.: 0.004 min
Response: 59487809
Conc: 48.93 ng/ml



#22 Mirex

R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 98176732
Conc: 56.08 ng/ml



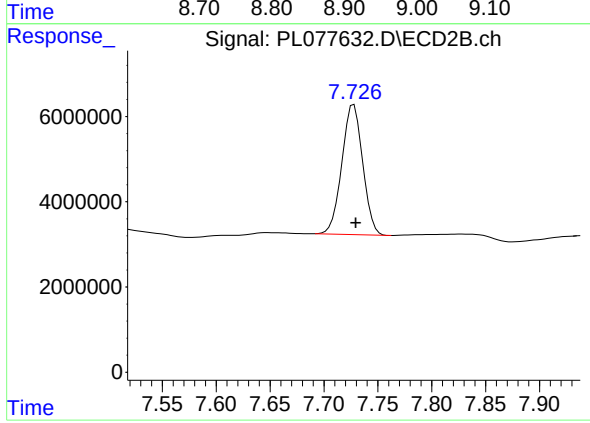
#28 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.003 min
Response: 27283727
Conc: 18.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147528BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2022
Supervised By :Ankita Jodhani 09/13/2022



#28 Decachlorobiphenyl

R.T.: 7.728 min
Delta R.T.: -0.002 min
Response: 41104681
Conc: 20.84 ng/ml