

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2022 02:06
 Operator : AR\AJ
 Sample : N1994-05MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-02-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 02:54:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.642	5.491	5076489	27137369	15.850	16.535
28)	SA Decachlor...	10.417	11.331	7993044	27785480	15.719	15.538
Target Compounds							
2)	A alpha-BHC	5.350	6.054	20744839	126.8E6	50.327	56.357
3)	MA gamma-BHC...	5.774	6.444	20795578	119.0E6	49.853	55.733
4)	MA Heptachlor	6.185	7.103	22539552	129.8E6	49.955	55.380
5)	MB Aldrin	6.511	7.470	20979769	119.4E6	50.778	56.978
6)	B beta-BHC	6.154	6.679	10323684	53479664	50.140	51.306
7)	B delta-BHC	6.415	6.947	20529144	117.9E6	51.112	54.767
8)	B Heptachlo...	7.087	7.927	21570125	111.9E6	50.049	56.019
9)	A Endosulfan I	7.490	8.327	20705980	102.2E6	50.475	55.963
10)	B gamma-Chl...	7.365	8.195	21868341	113.1E6	50.007	55.395
11)	B alpha-Chl...	7.435	8.277	22185179	111.0E6	50.200	55.500
12)	B 4,4'-DDE	7.649	8.462	27186908	152.7E6	75.764	85.218
13)	MA Dieldrin	7.777	8.612	21683708	106.2E6	52.046	57.576
14)	MA Endrin	8.068	8.846	19858740	83375698	51.182	54.161
15)	B Endosulfa...	8.379	9.070	19630997	82057276	50.223	53.428
16)	A 4,4'-DDD	8.234	8.989	16374230	81126424	50.423	55.577
17)	MA 4,4'-DDT	8.496	9.307	20628911	94381976	54.547	57.743
18)	B Endrin al...	8.568	9.201	16093039	65352969	50.887	53.292m
19)	B Endosulfa...	8.799	9.440	21008518	84307639	49.733	53.492
20)	A Methoxychlor	9.092	9.786	12407996	45305867	48.368	50.280
21)	B Endrin ke...	9.317	9.928	25143479	88508432	51.395	53.622
22)	Mirex	9.505	10.404	25667511	80565725	54.431	59.307

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2022 02:06
Operator : AR\AJ
Sample : N1994-05MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

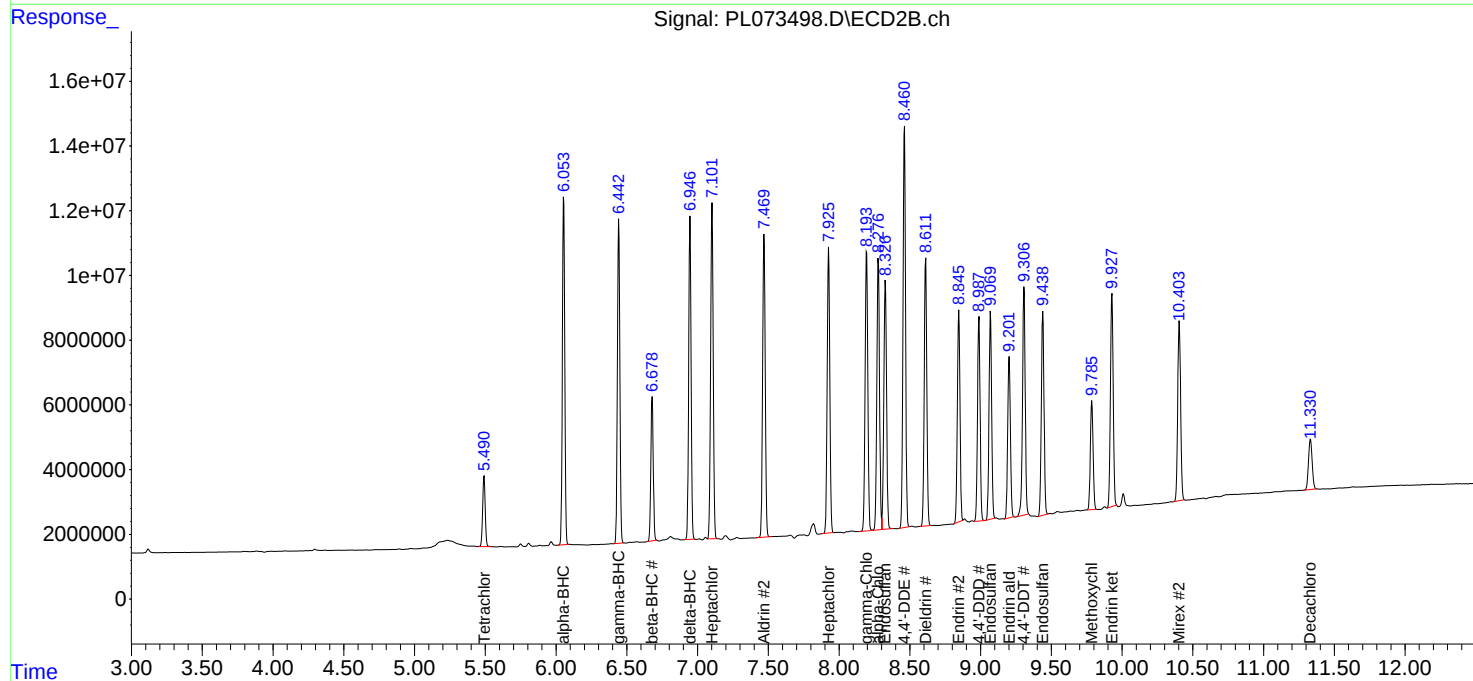
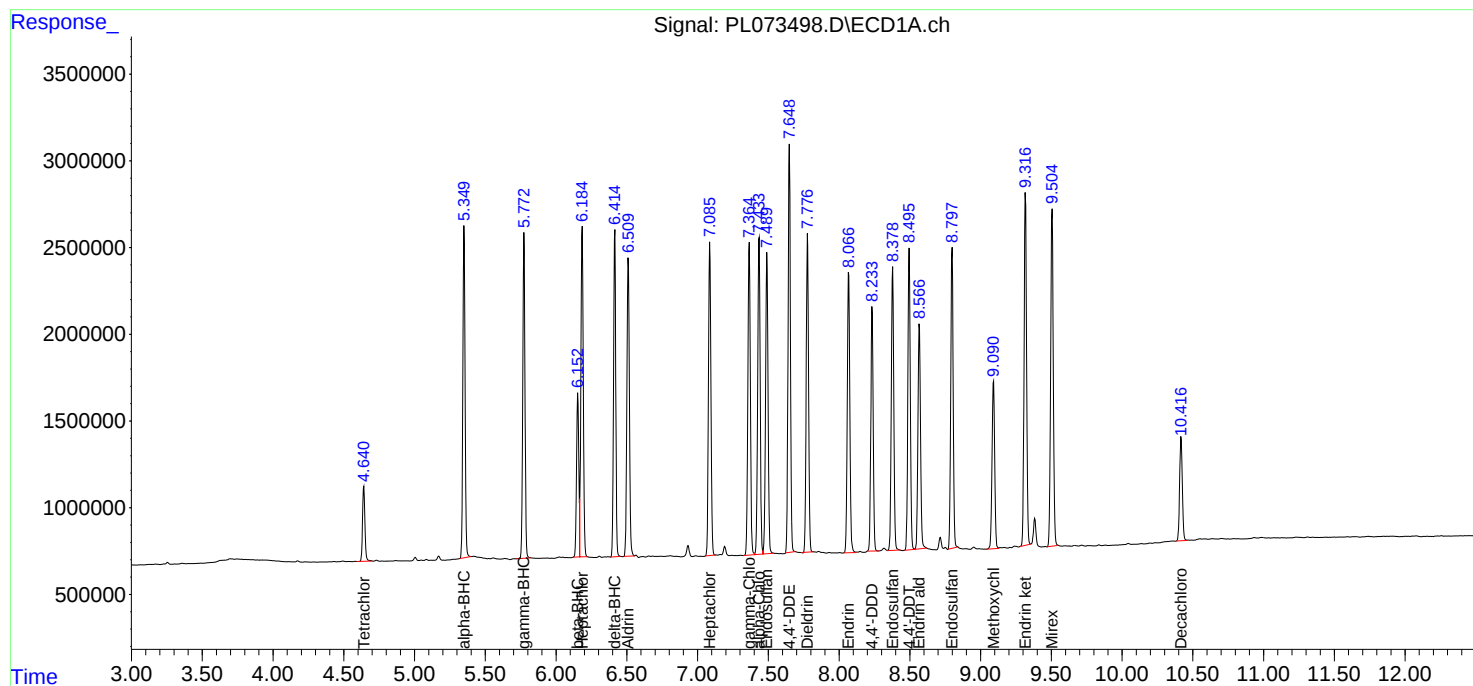
Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

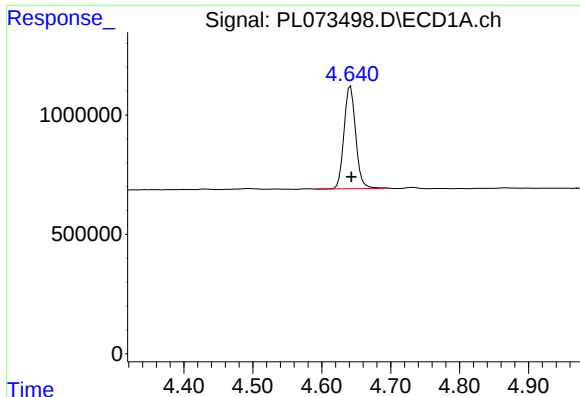
Manual Integrations
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Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 02:54:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 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





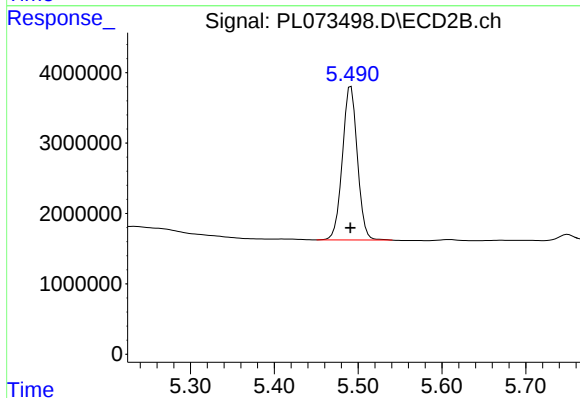
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 5076489
Conc: 15.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

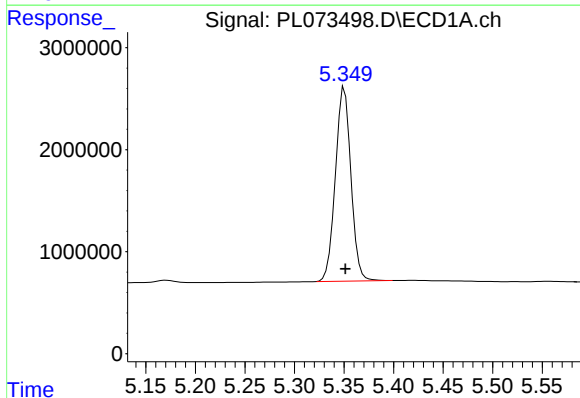
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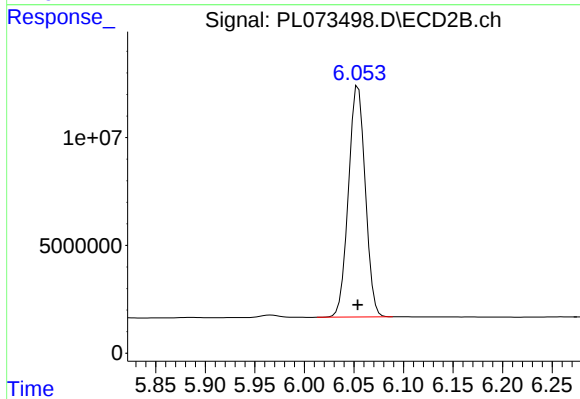
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 27137369
Conc: 16.53 ng/ml



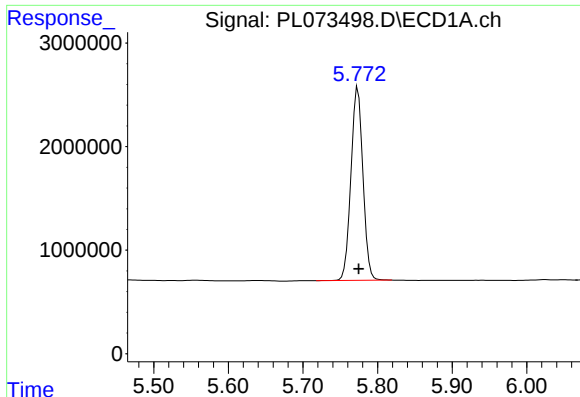
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 20744839
Conc: 50.33 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 126783527
Conc: 56.36 ng/ml



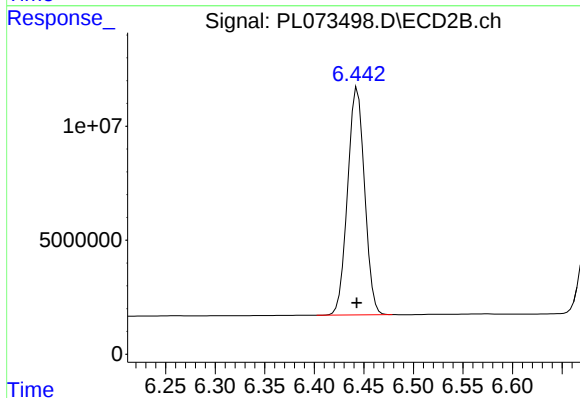
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 20795578
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

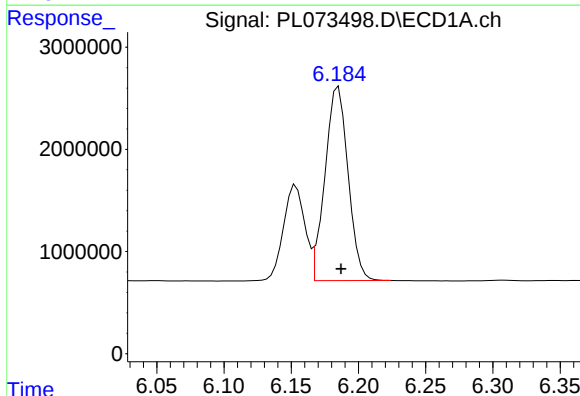
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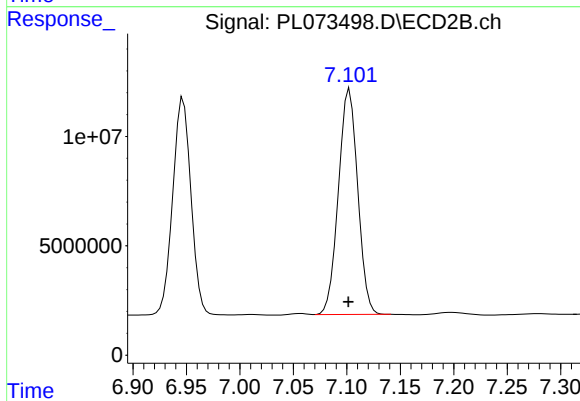
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 118995285
Conc: 55.73 ng/ml



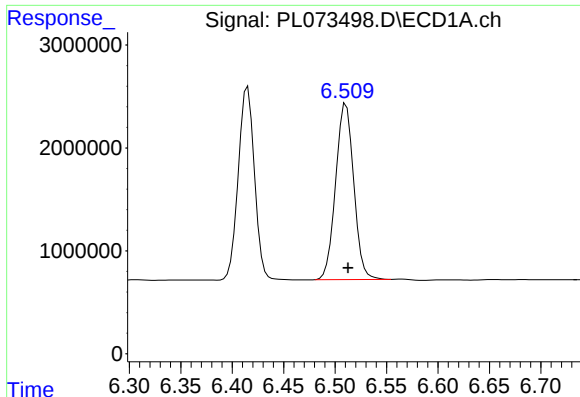
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 22539552
Conc: 49.95 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 129761317
Conc: 55.38 ng/ml



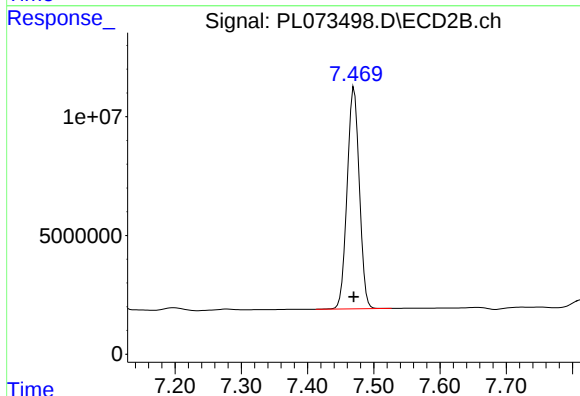
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 20979769
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

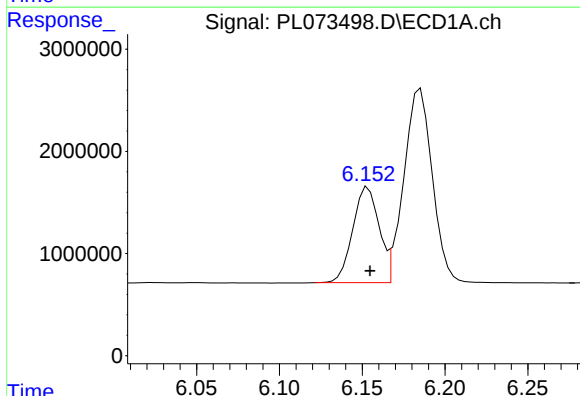
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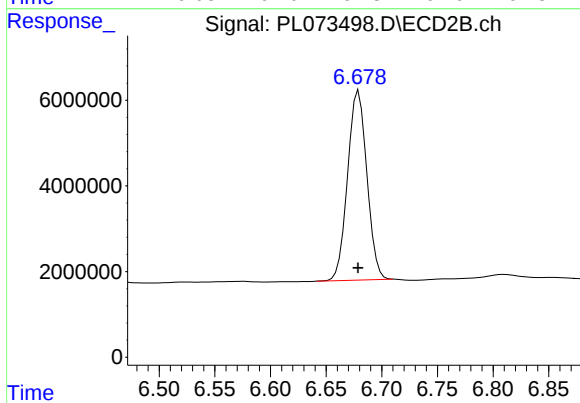
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 119367726
Conc: 56.98 ng/ml



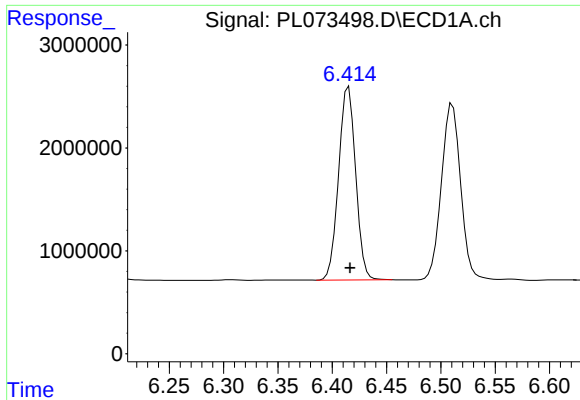
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 10323684
Conc: 50.14 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 53479664
Conc: 51.31 ng/ml



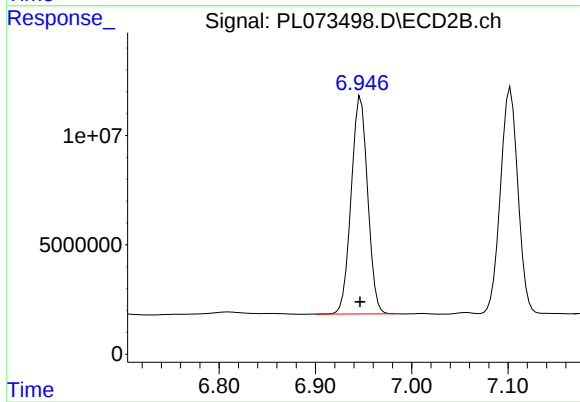
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 20529144
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

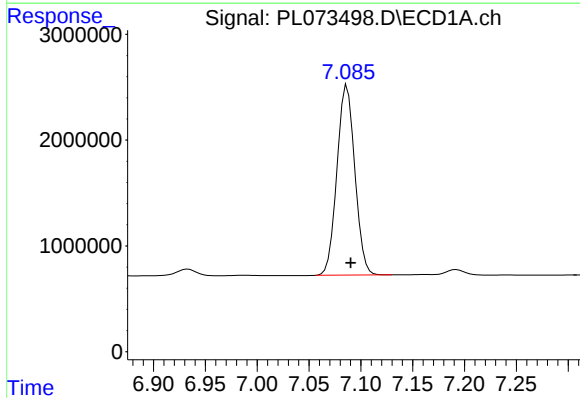
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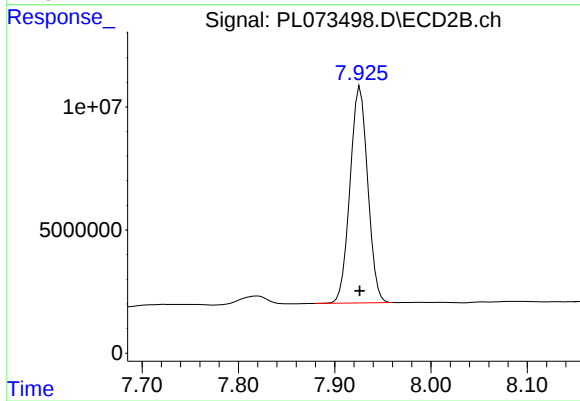
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 117943078
Conc: 54.77 ng/ml



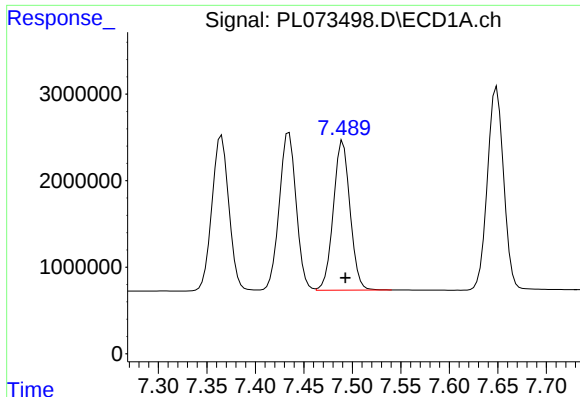
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 21570125
Conc: 50.05 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 111887458
Conc: 56.02 ng/ml



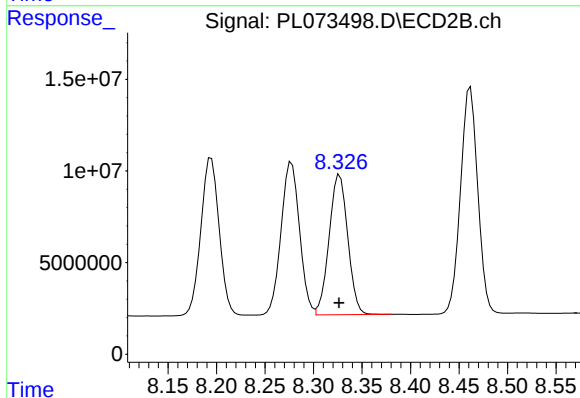
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 20705980
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

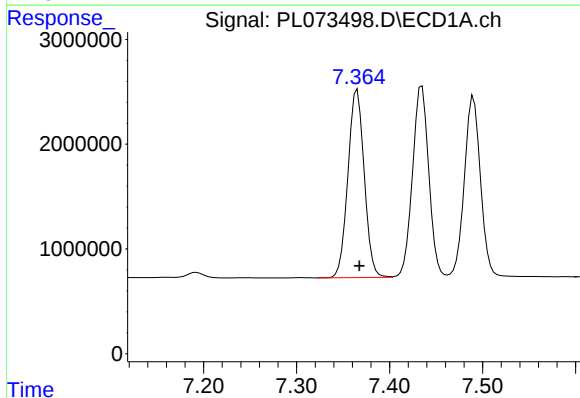
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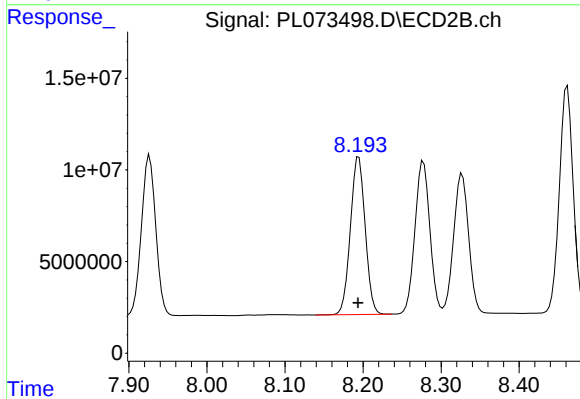
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 102154283
Conc: 55.96 ng/ml



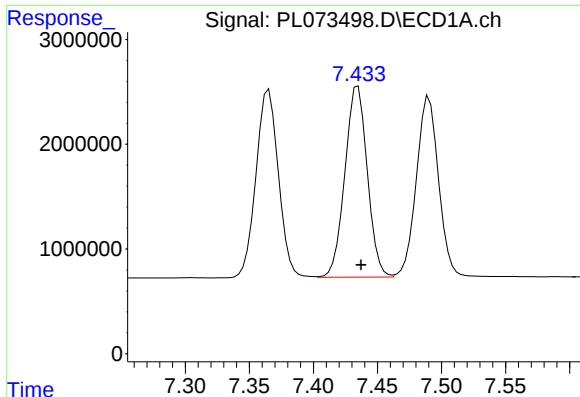
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 21868341
Conc: 50.01 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 113138497
Conc: 55.39 ng/ml



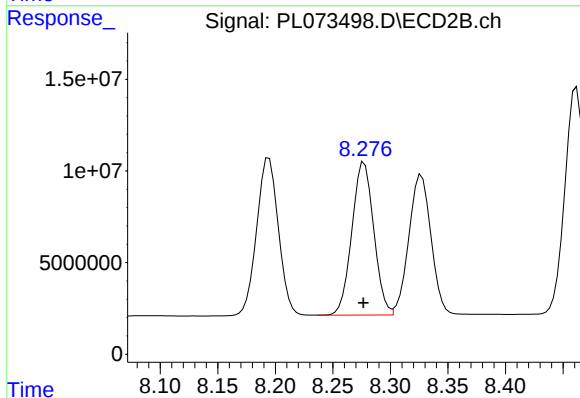
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 22185179
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

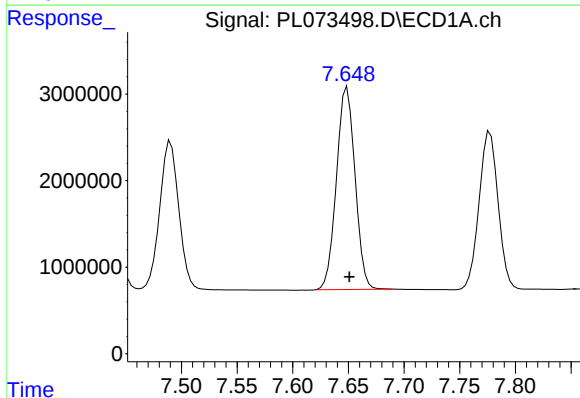
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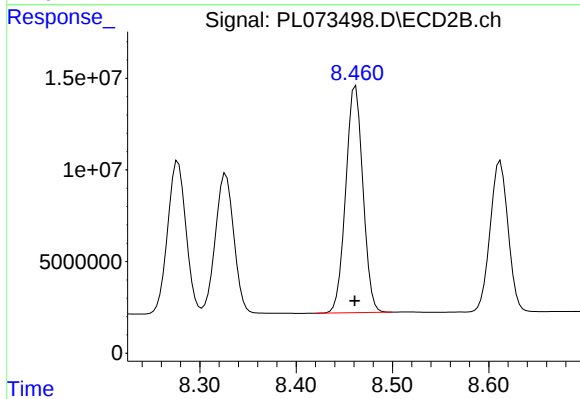
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 110999764
Conc: 55.50 ng/ml



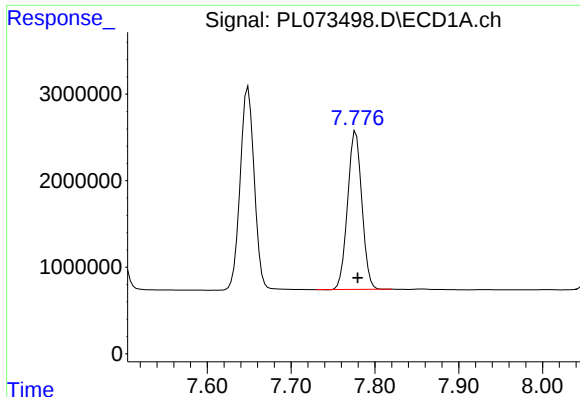
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 27186908
Conc: 75.76 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 152741882
Conc: 85.22 ng/ml



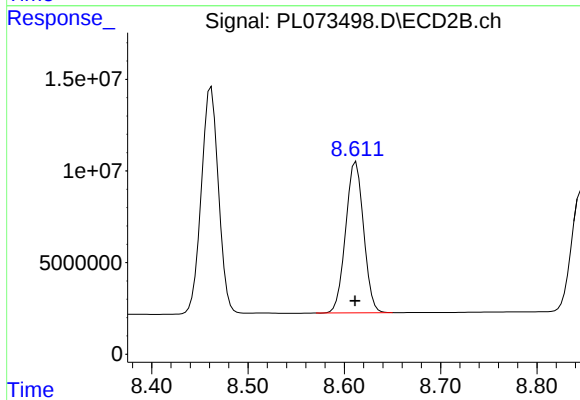
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 21683708
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

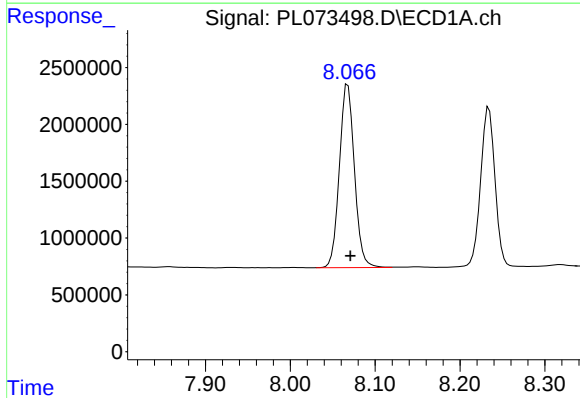
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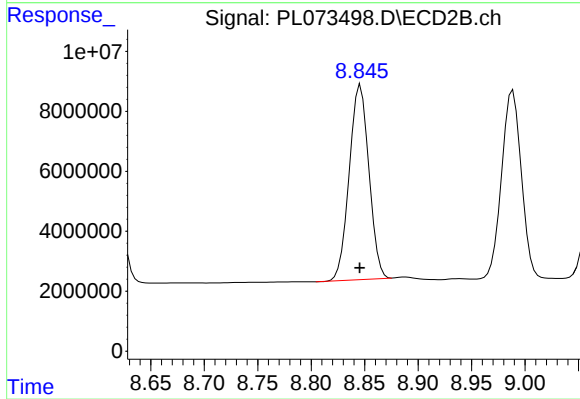
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 106211962
Conc: 57.58 ng/ml



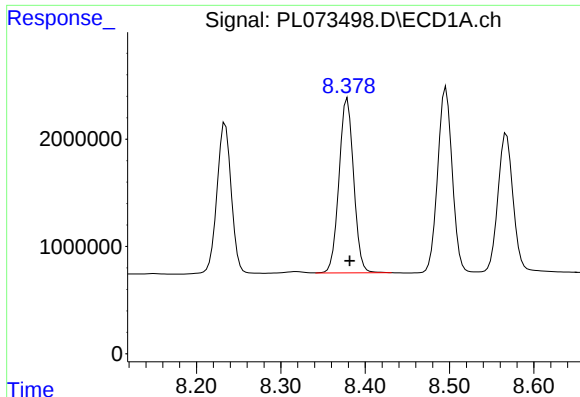
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 19858740
Conc: 51.18 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 83375698
Conc: 54.16 ng/ml



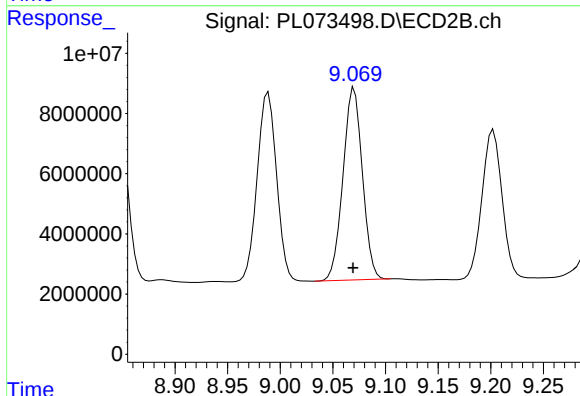
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 19630997
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

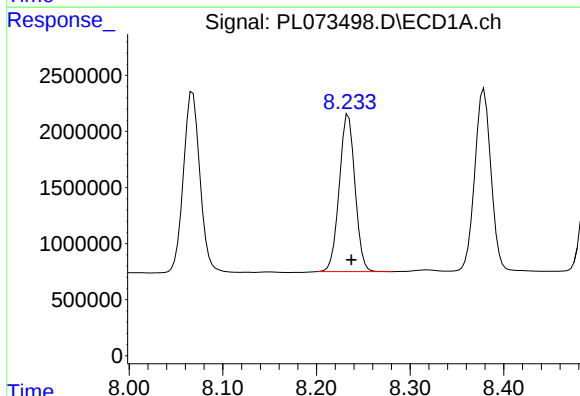
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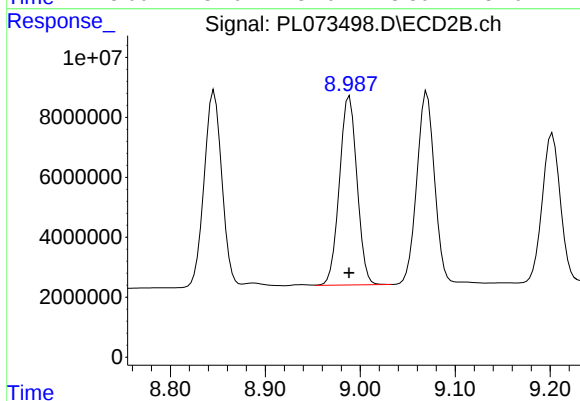
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 82057276
Conc: 53.43 ng/ml



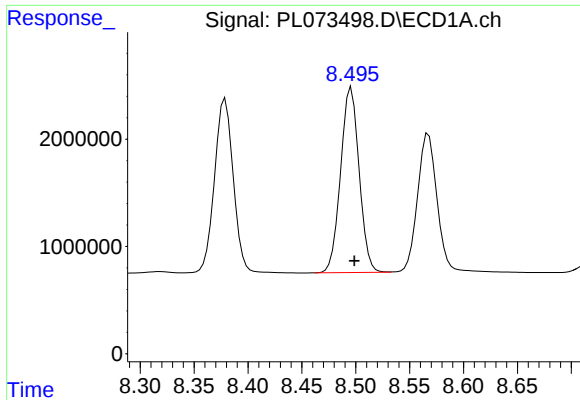
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16374230
Conc: 50.42 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 81126424
Conc: 55.58 ng/ml



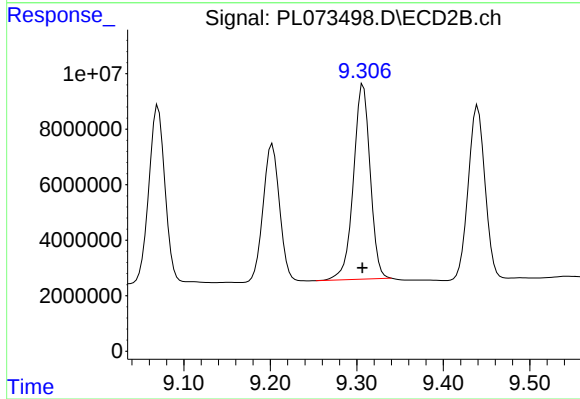
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 20628911
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

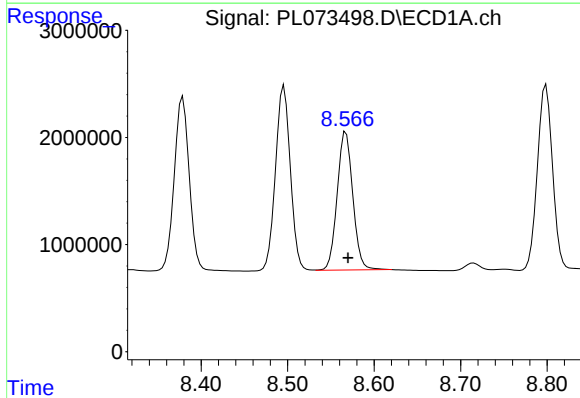
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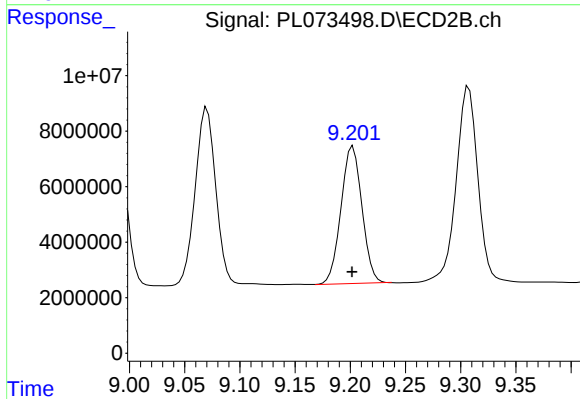
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 94381976
Conc: 57.74 ng/ml



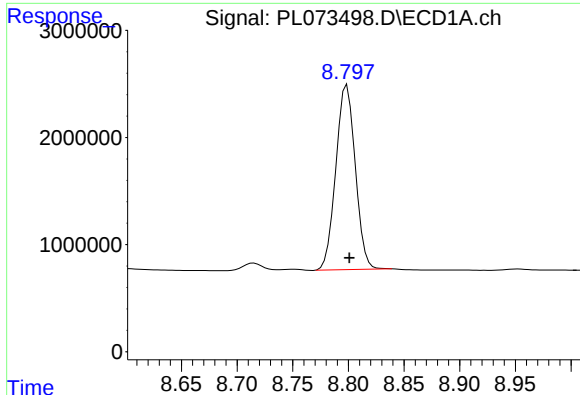
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 16093039
Conc: 50.89 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 65352969
Conc: 53.29 ng/ml m



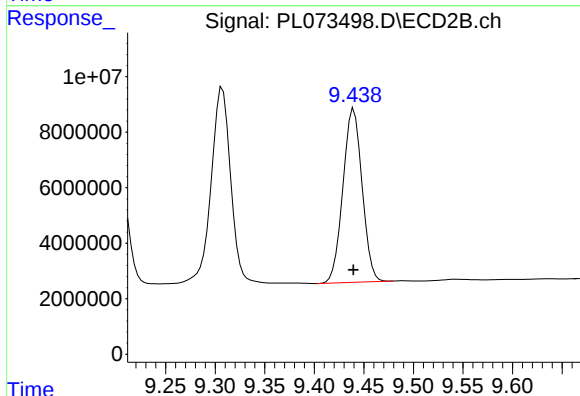
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 21008518
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

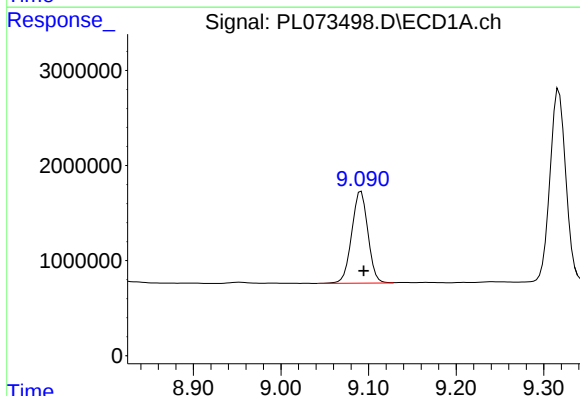
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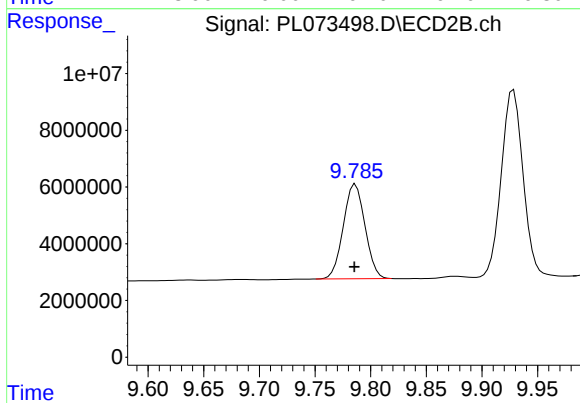
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 84307639
Conc: 53.49 ng/ml



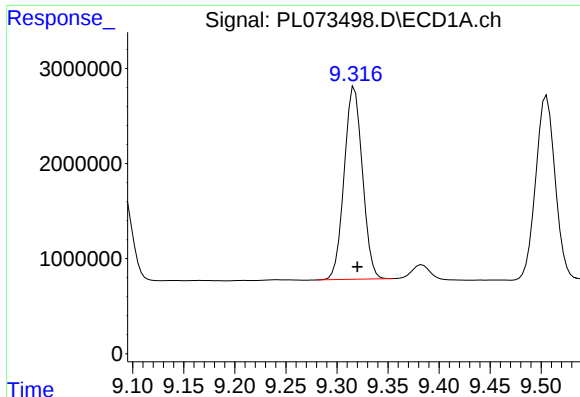
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 12407996
Conc: 48.37 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 45305867
Conc: 50.28 ng/ml



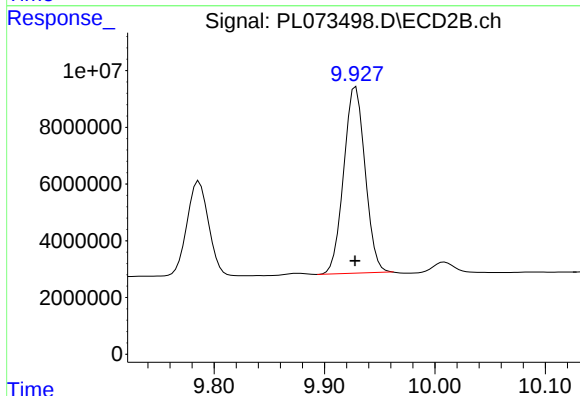
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 25143479
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

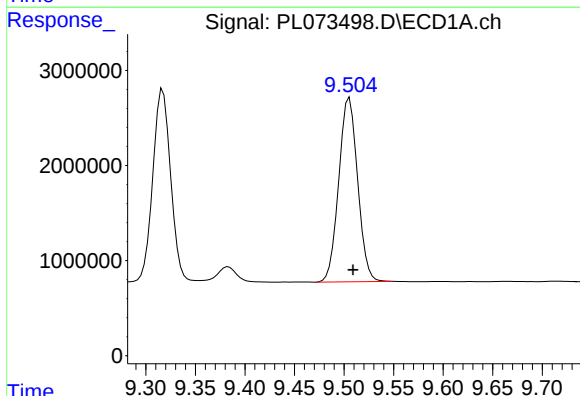
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



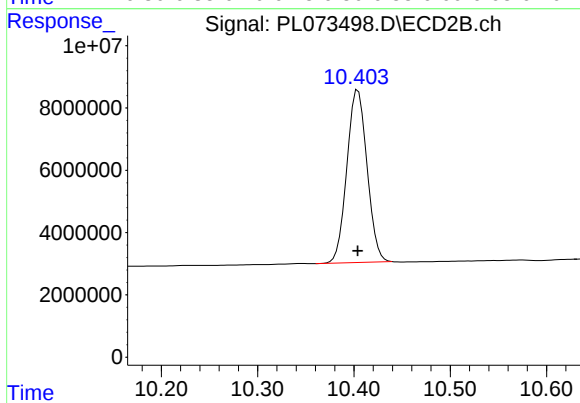
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 88508432
Conc: 53.62 ng/ml



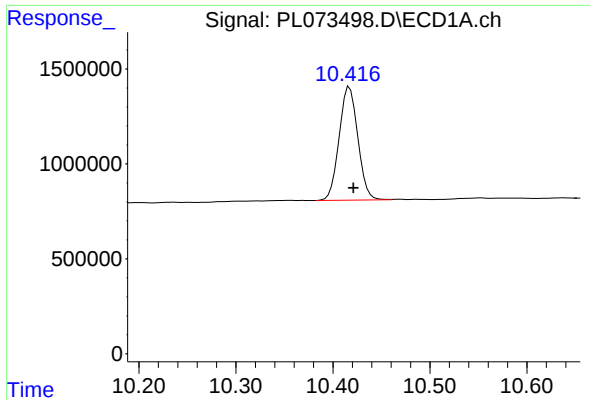
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 25667511
Conc: 54.43 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 80565725
Conc: 59.31 ng/ml



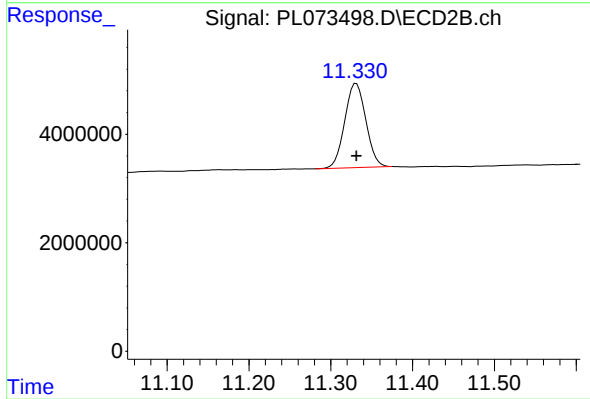
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 7993044
Conc: 15.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMSD

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 27785480
Conc: 15.54 ng/ml