

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 20:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:33:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.421	2.677	191.7E6	80986330	50.944	48.112
28)	SA Decachlor...	8.976	7.862	177.4E6	83272590	52.029	49.304m
Target Compounds							
2)	A alpha-BHC	3.877	3.180	285.2E6	121.6E6	52.676	49.463m
3)	MA gamma-BHC...	4.211	3.512	271.2E6	117.1E6	51.597	48.356
4)	MA Heptachlor	4.802	3.854	276.8E6	115.2E6	51.961m	48.206
5)	MB Aldrin	5.146	4.134	260.8E6	112.8E6	50.099	47.030
6)	B beta-BHC	4.410	3.813	114.5E6	47768030	49.840	45.887
7)	B delta-BHC	4.655	4.042	267.4E6	117.9E6	51.132m	48.182
8)	B Heptachlo...	5.577	4.641	231.8E6	101.8E6	49.178	45.733
9)	A Endosulfan I	5.962	5.012	216.0E6	96696158	48.353	44.742
10)	B gamma-Chl...	5.835	4.895	237.1E6	103.7E6	48.897	45.324
11)	B alpha-Chl...	5.915	4.959	233.2E6	104.3E6	48.511	45.191
12)	B 4,4'-DDE	6.096	5.157	202.0E6	90275457	48.751	45.467
13)	MA Dieldrin	6.242	5.280	222.6E6	101.9E6	47.971	45.720
14)	MA Endrin	6.471	5.555	189.8E6	91552420	49.342	45.876
15)	B Endosulfa...	6.693	5.852	190.9E6	86963386	47.589	44.665
16)	A 4,4'-DDD	6.616	5.715	164.2E6	76395468	49.677	46.140
17)	MA 4,4'-DDT	6.933	5.968	186.8E6	84966827	49.686	46.069
18)	B Endrin al...	6.823	6.035	142.9E6	65886294	49.287	44.893
19)	B Endosulfa...	7.060	6.260	188.9E6	85677433	48.103	45.481
20)	A Methoxychlor	7.418	6.554	97707195	46818429	50.108	45.838
21)	B Endrin ke...	7.544	6.764	199.7E6	100.3E6	49.090m	47.101m
22)	Mirex	8.023	6.947	160.1E6	81604030	47.535	45.867

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
Data File : PL087446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Dec 2023 20:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

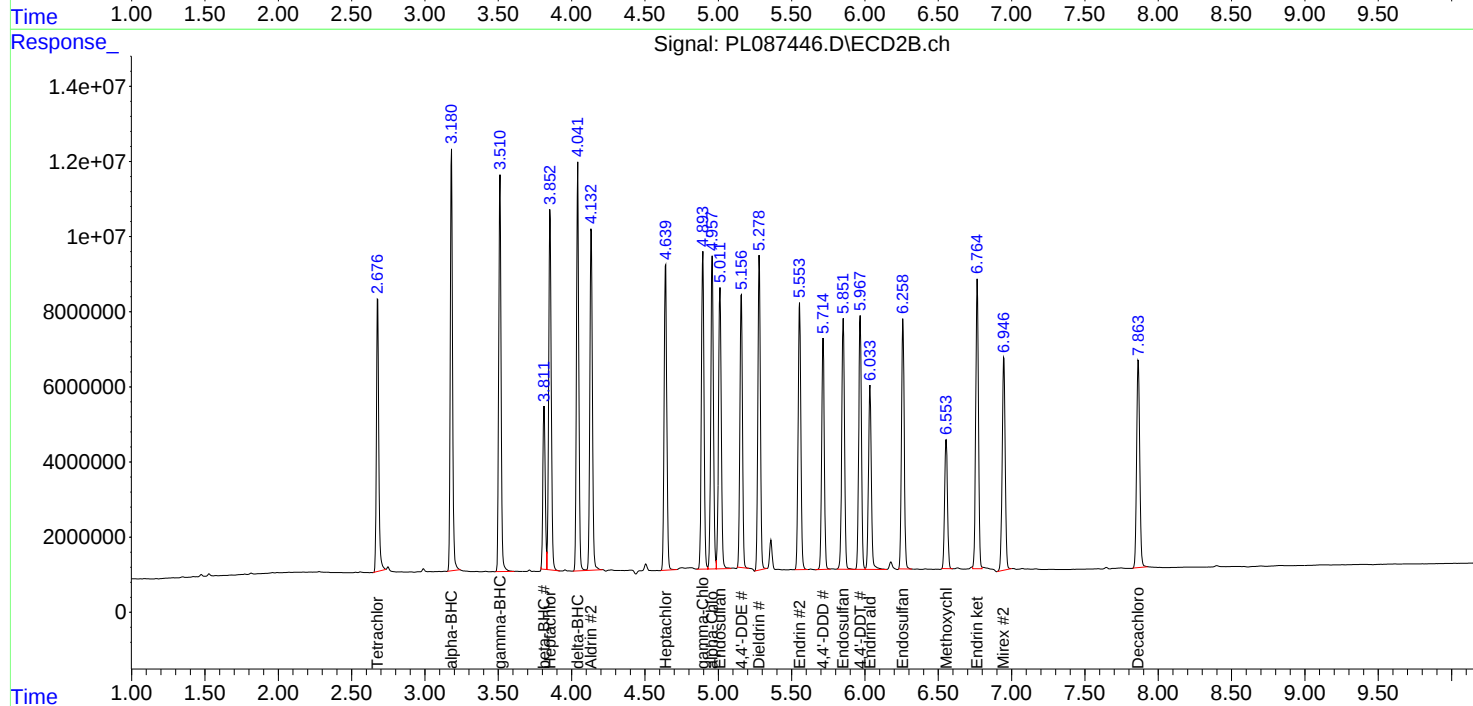
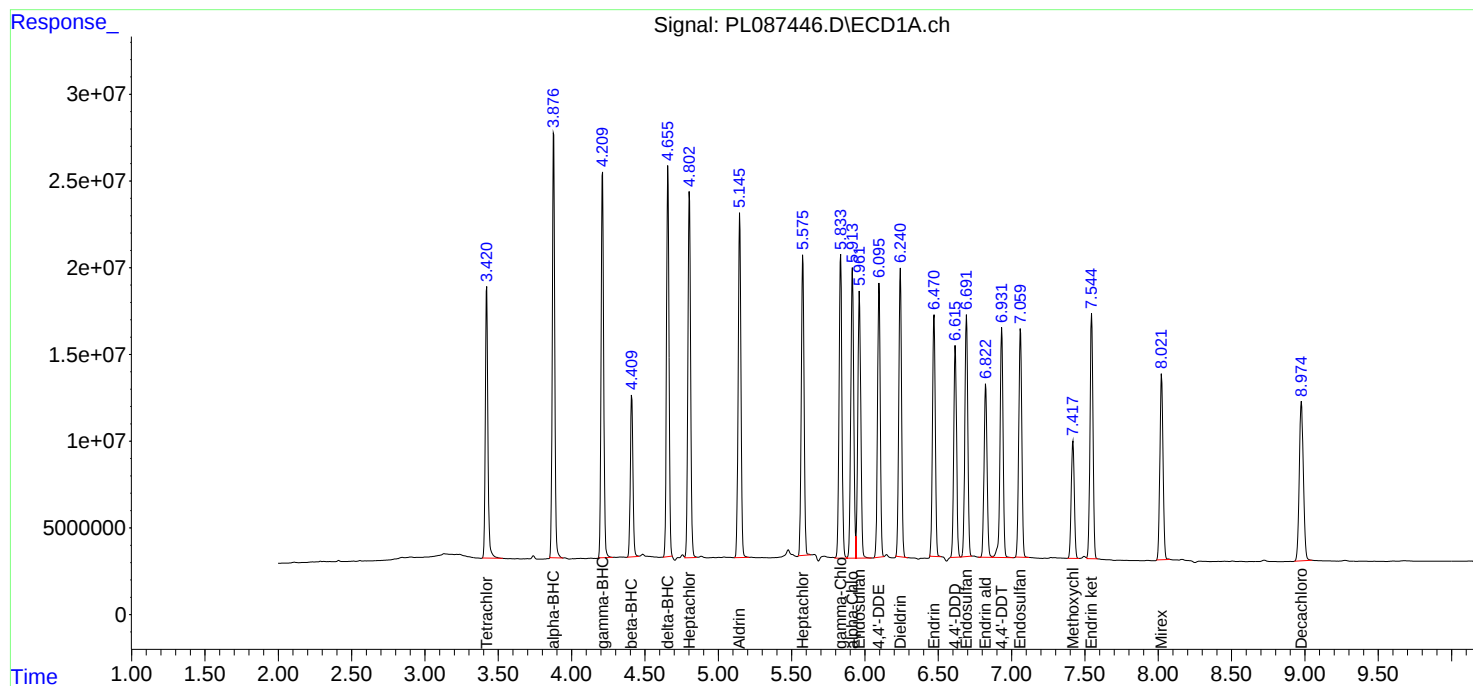
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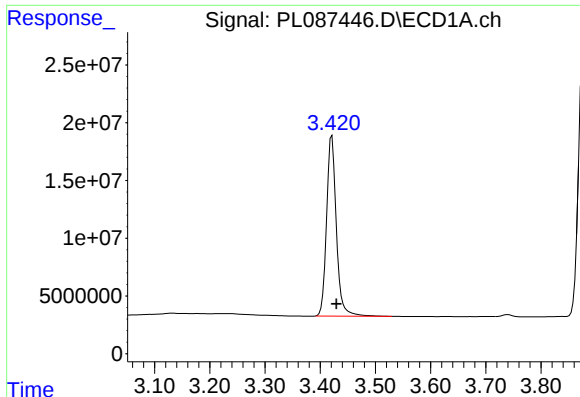
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 25 23:33:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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





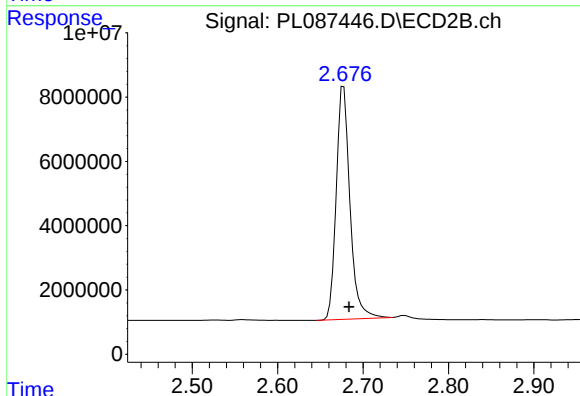
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 191723939
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

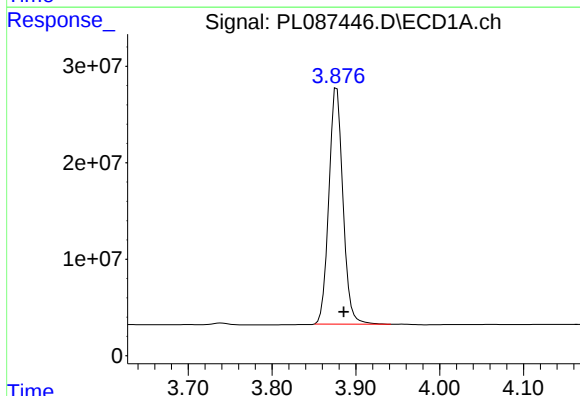
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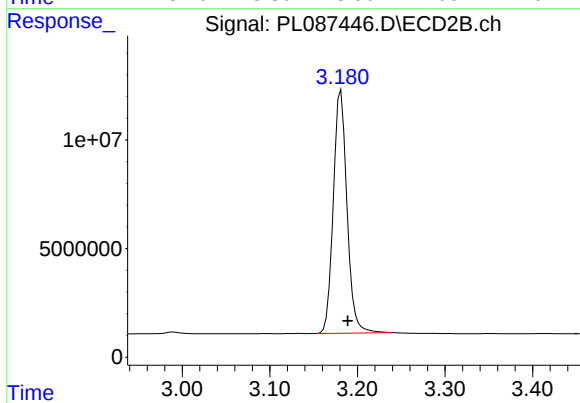
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 80986330
Conc: 48.11 ng/ml



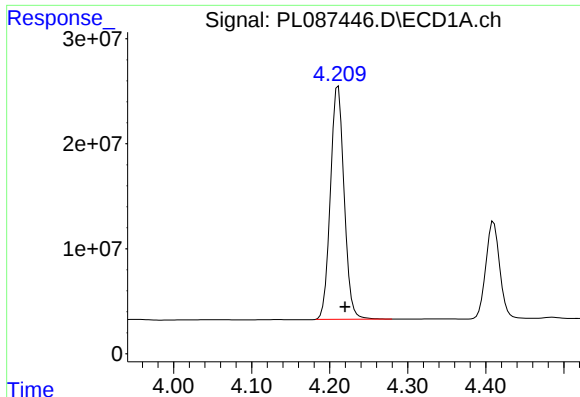
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 285193654
Conc: 52.68 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 121559718
Conc: 49.46 ng/ml m



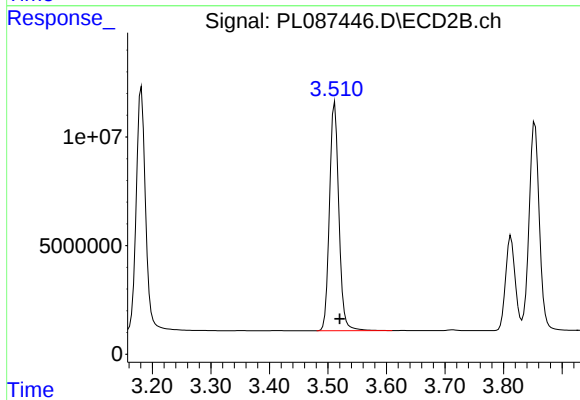
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 271175044
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

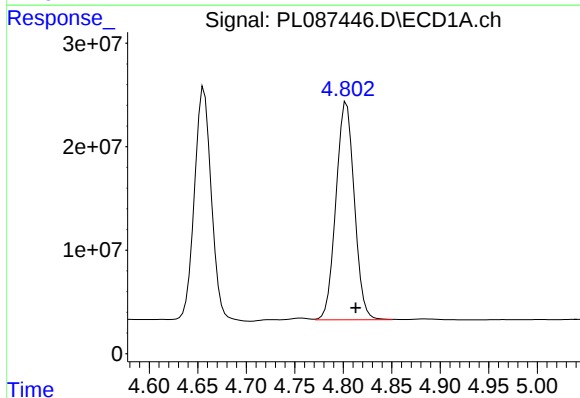
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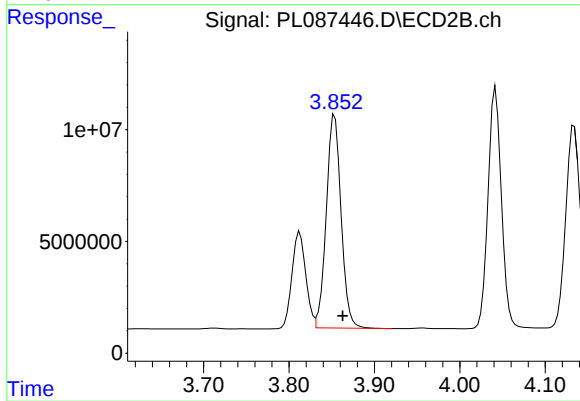
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 117137507
Conc: 48.36 ng/ml



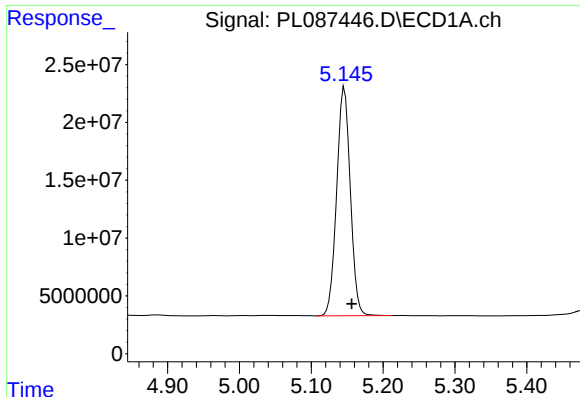
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.011 min
Response: 276776189
Conc: 51.96 ng/ml m



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 115227291
Conc: 48.21 ng/ml



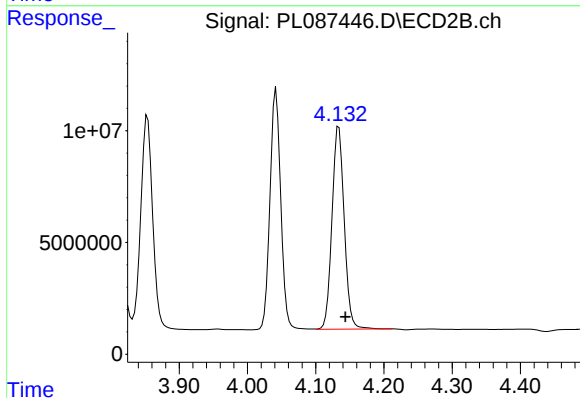
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.010 min
Response: 260837144
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

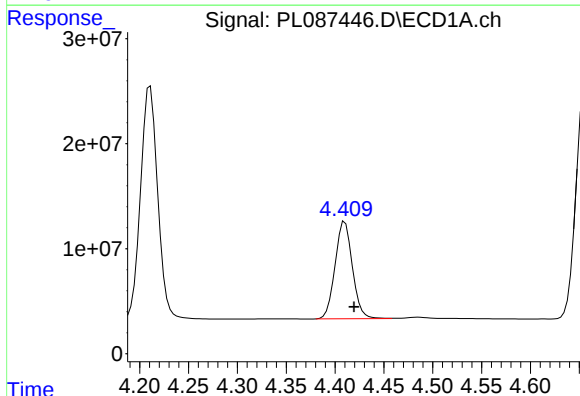
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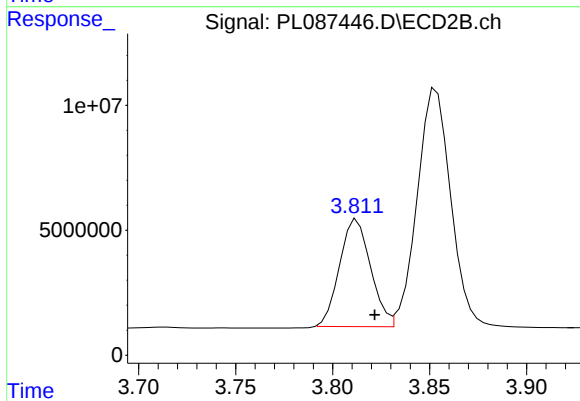
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 112765867
Conc: 47.03 ng/ml



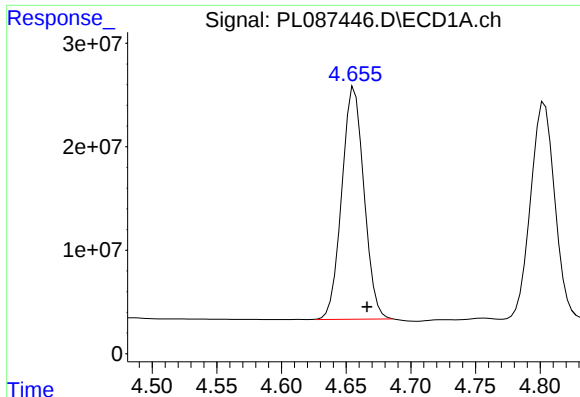
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.009 min
Response: 114472884
Conc: 49.84 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 47768030
Conc: 45.89 ng/ml



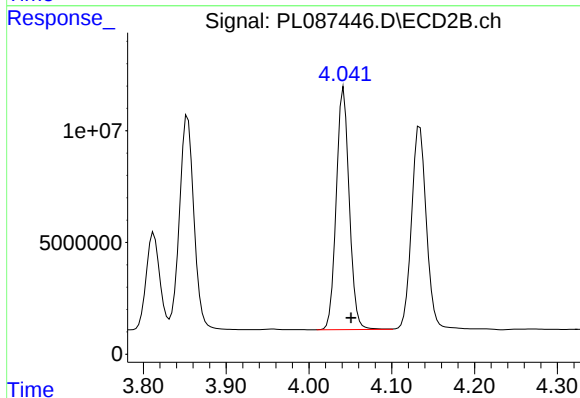
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.011 min
Response: 267387455
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

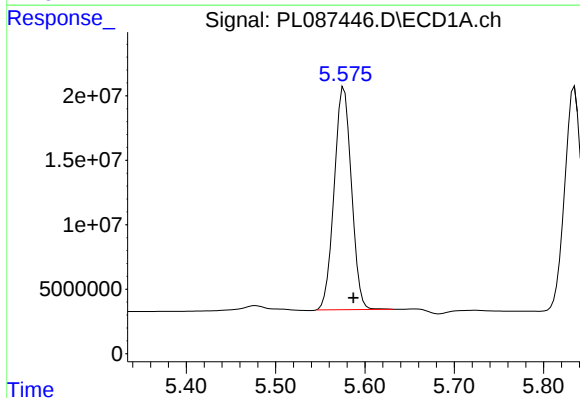
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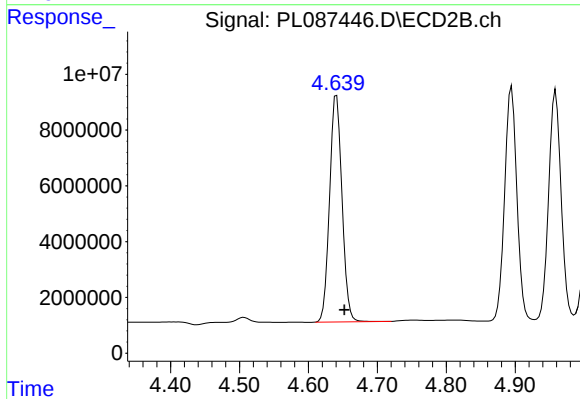
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 117862858
Conc: 48.18 ng/ml



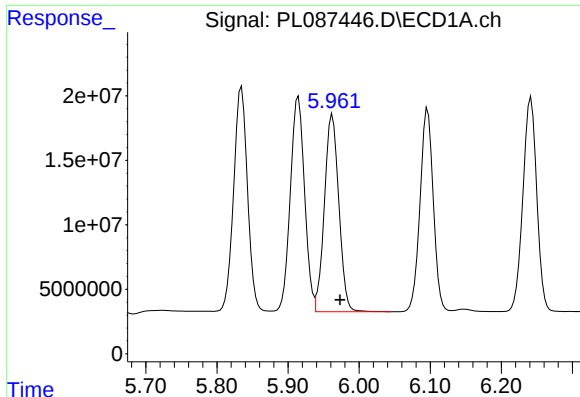
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 231768337
Conc: 49.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 101769215
Conc: 45.73 ng/ml



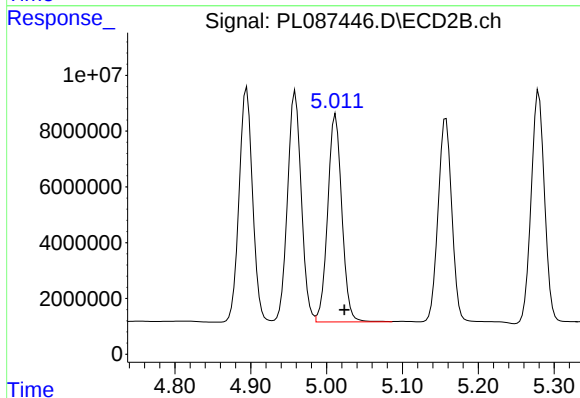
#9 Endosulfan I

R.T.: 5.962 min
Delta R.T.: -0.011 min
Response: 215958383
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

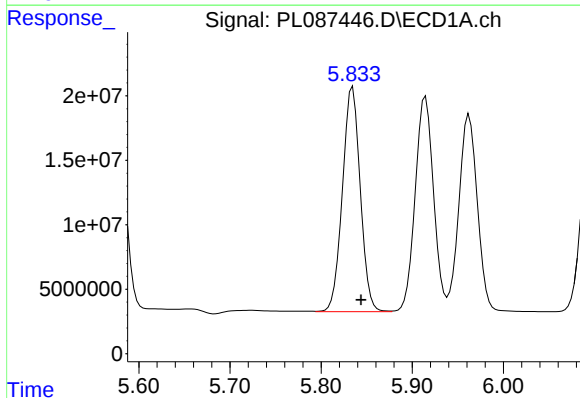
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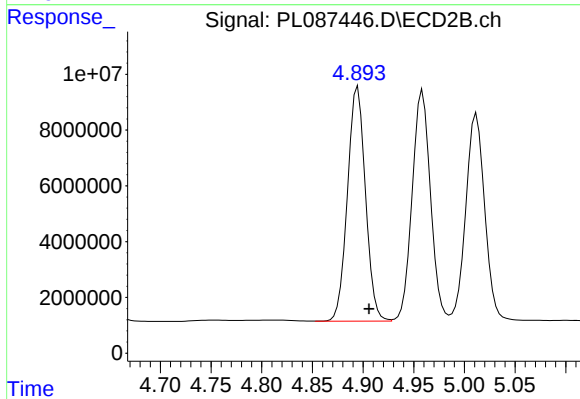
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.012 min
Response: 96696158
Conc: 44.74 ng/ml



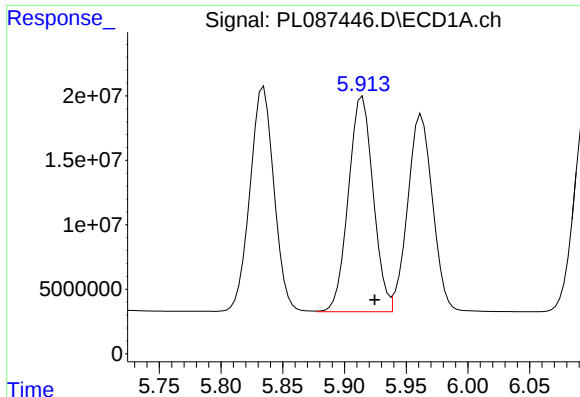
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 237052864
Conc: 48.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 103670408
Conc: 45.32 ng/ml



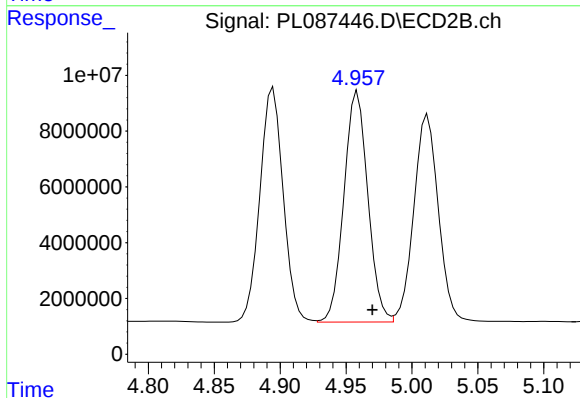
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 233152596
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

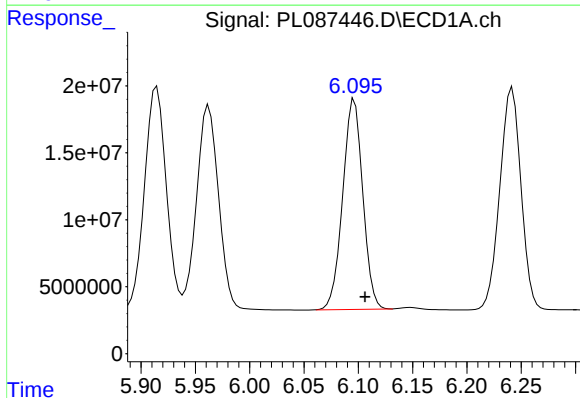
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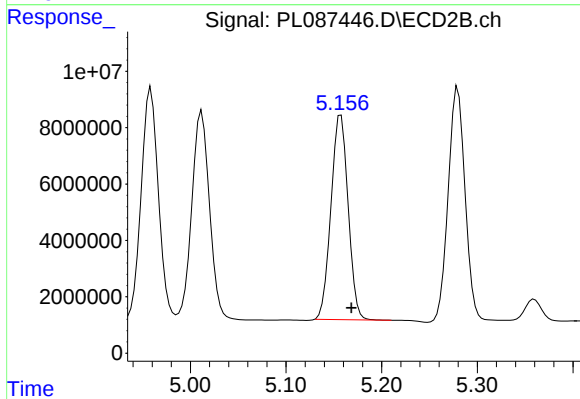
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 104302829
Conc: 45.19 ng/ml



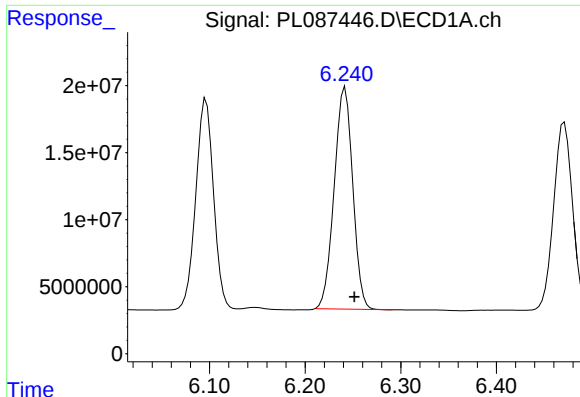
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 202028199
Conc: 48.75 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 90275457
Conc: 45.47 ng/ml



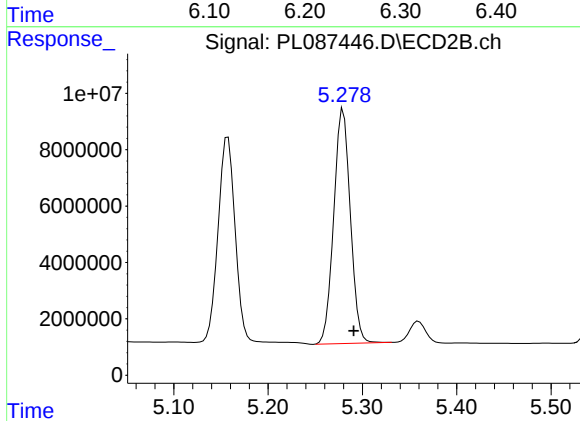
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 222626321
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

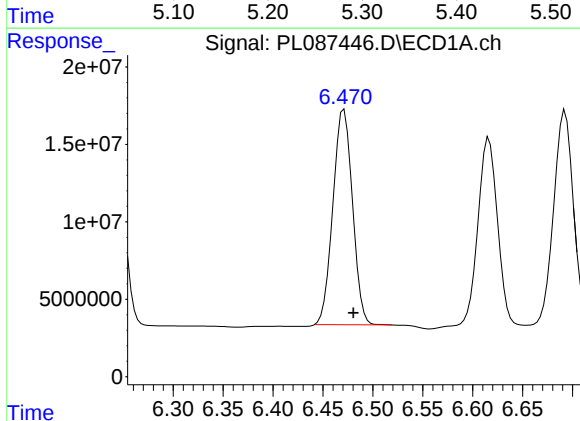
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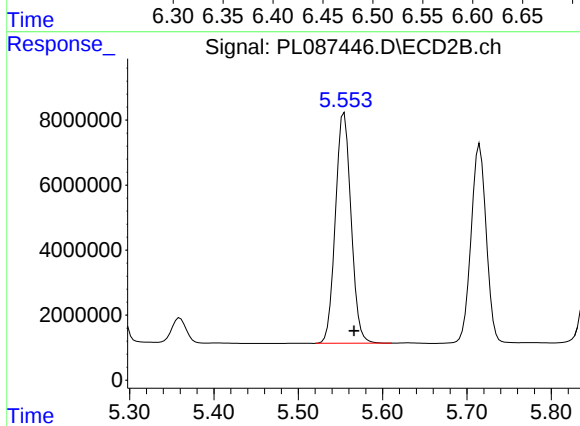
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 101852647
Conc: 45.72 ng/ml



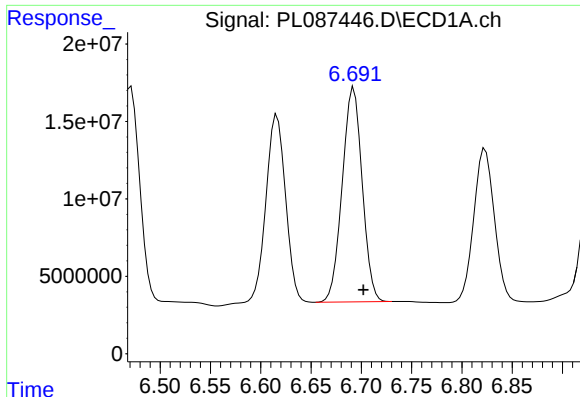
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 189837069
Conc: 49.34 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.012 min
Response: 91552420
Conc: 45.88 ng/ml



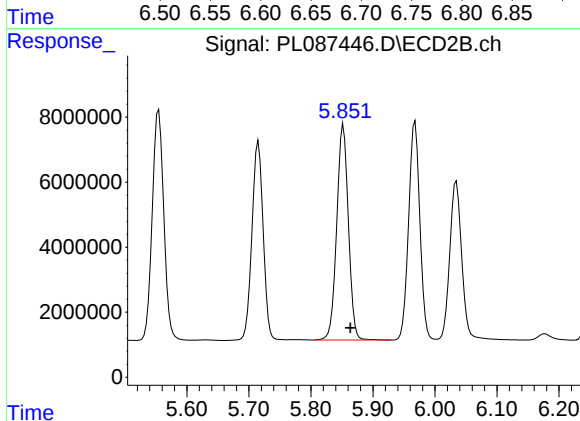
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 190850442
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

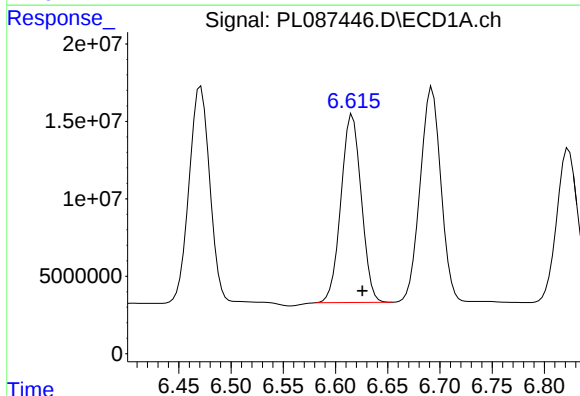
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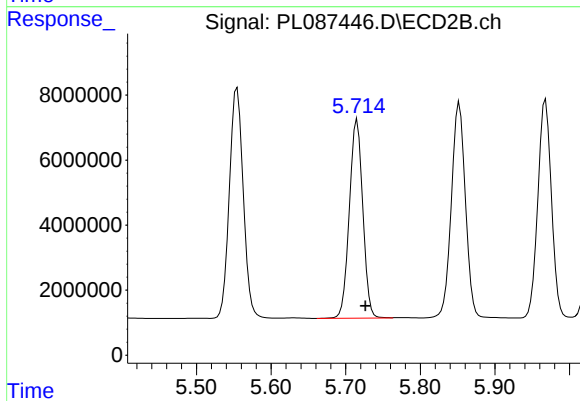
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: -0.011 min
Response: 86963386
Conc: 44.66 ng/ml



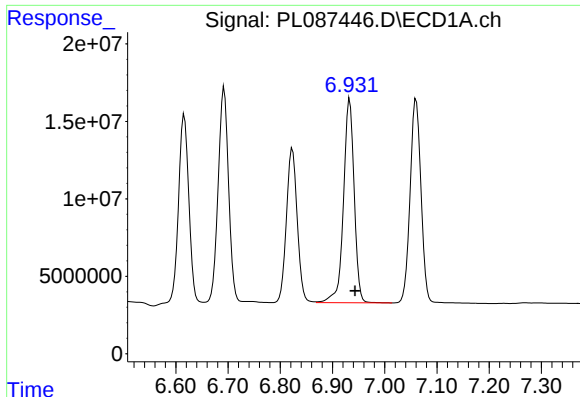
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.010 min
Response: 164189737
Conc: 49.68 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.011 min
Response: 76395468
Conc: 46.14 ng/ml



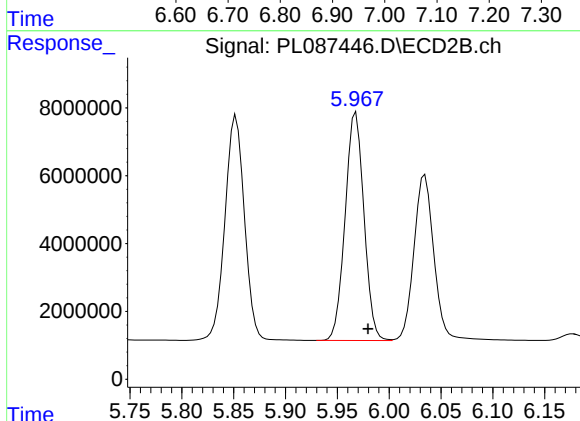
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: -0.010 min
Response: 186831903
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

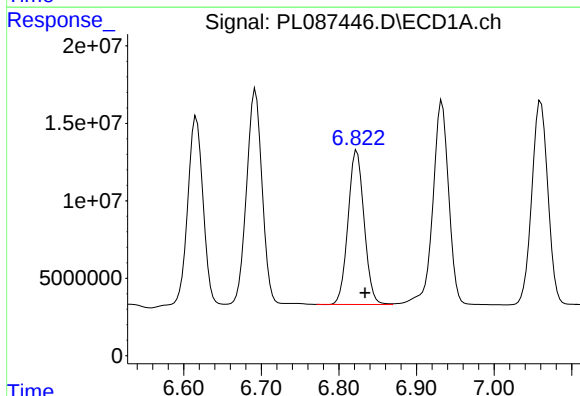
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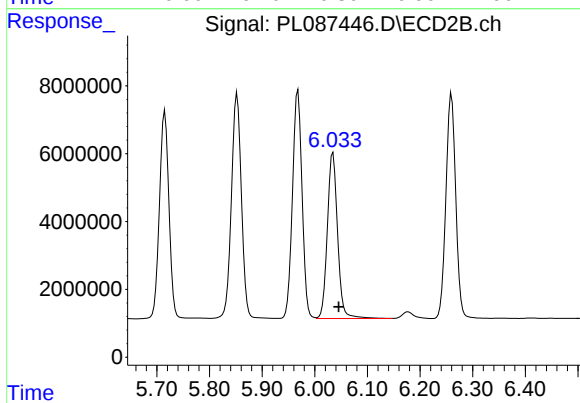
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.012 min
Response: 84966827
Conc: 46.07 ng/ml



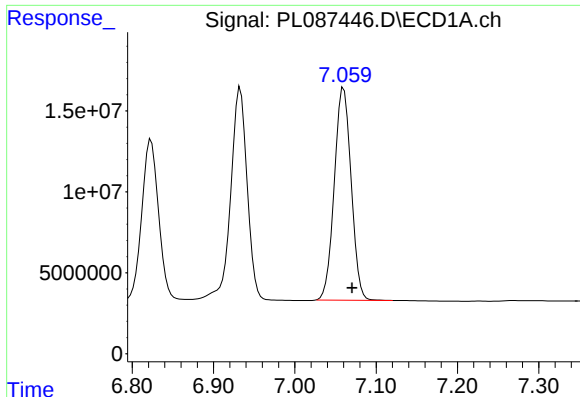
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 142852060
Conc: 49.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 65886294
Conc: 44.89 ng/ml



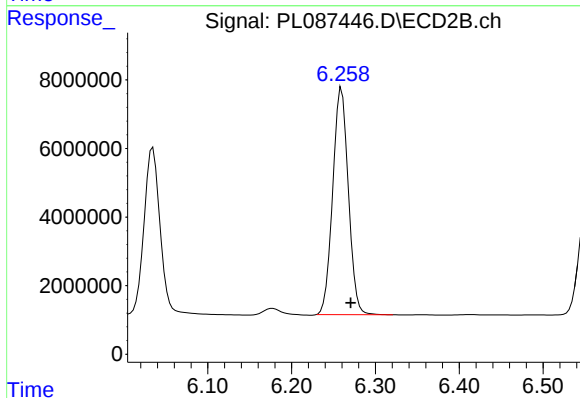
#19 Endosulfan Sulfate

R.T.: 7.060 min
Delta R.T.: -0.010 min
Response: 188894293
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

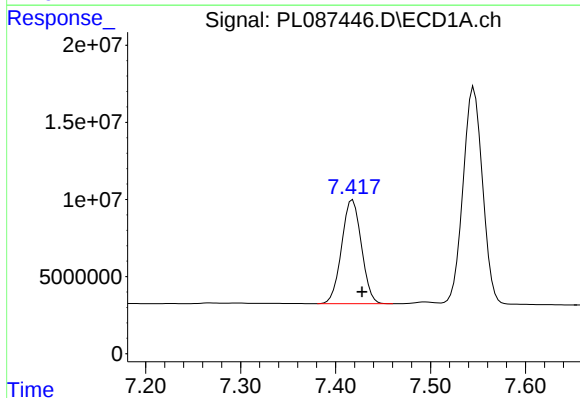
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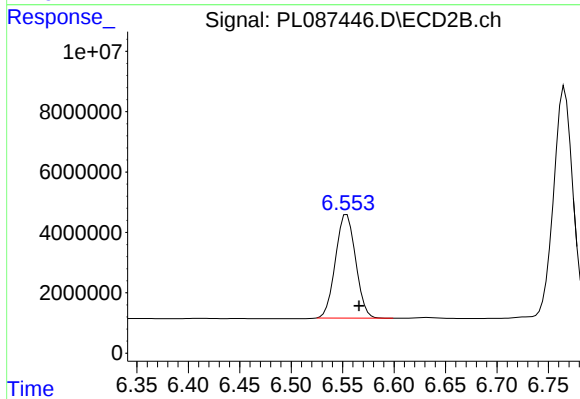
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 85677433
Conc: 45.48 ng/ml



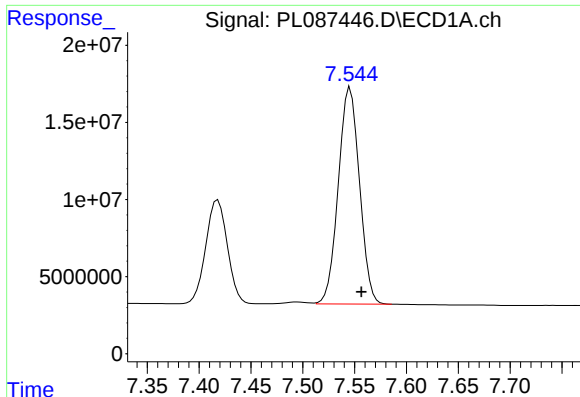
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.010 min
Response: 97707195
Conc: 50.11 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 46818429
Conc: 45.84 ng/ml



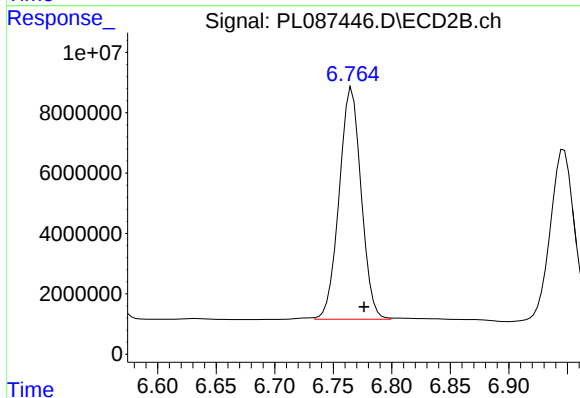
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.012 min
Response: 199709731
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

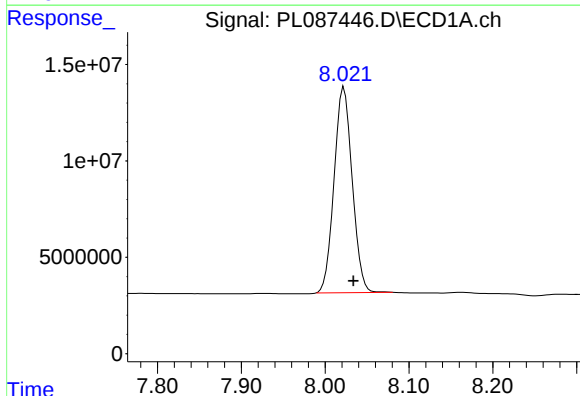
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



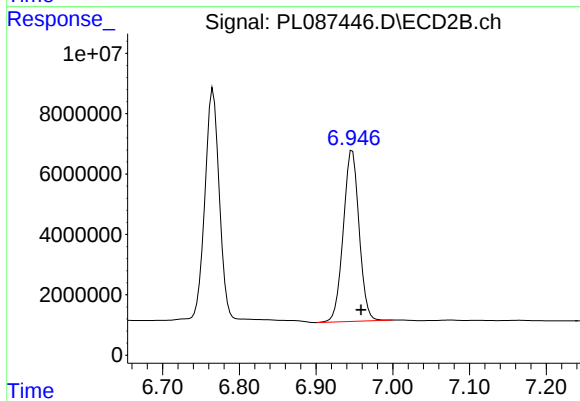
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.012 min
Response: 100264526
Conc: 47.10 ng/ml m



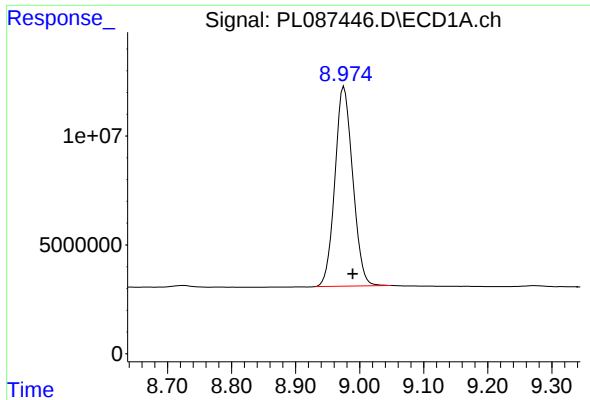
#22 Mirex

R.T.: 8.023 min
Delta R.T.: -0.011 min
Response: 160098577
Conc: 47.54 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.011 min
Response: 81604030
Conc: 45.87 ng/ml



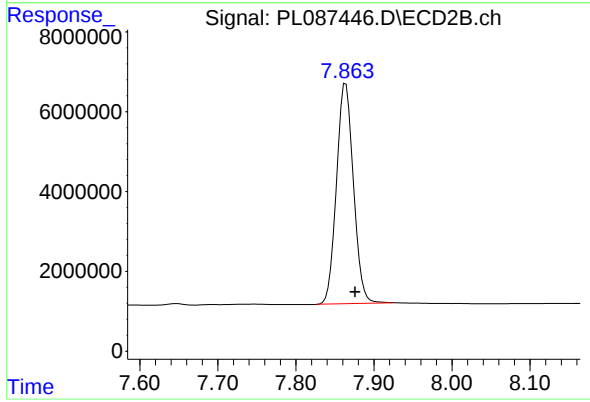
#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.014 min
Response: 177416341
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.013 min
Response: 83272590
Conc: 49.30 ng/ml m