

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 13:39
 Operator : AR\AJ
 Sample : PB158576BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158576BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/24/2024
 Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:28:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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	2.674	60288410	24708524	20.138	20.398
28)	SA Decachlor...	8.980	7.859	61509887	28031364	21.598	22.127
Target Compounds							
2)	A alpha-BHC	3.877	3.178	204.6E6	85593909	45.602	46.441
3)	MA gamma-BHC...	4.211	3.508	191.3E6	81359330	43.854	44.770
4)	MA Heptachlor	4.803	3.849	202.7E6	83945765	46.124	47.134
5)	MB Aldrin	5.146	4.130	189.6E6	78599197	44.245	44.535
6)	B beta-BHC	4.410	3.810	83444704	34094439	44.851	44.577
7)	B delta-BHC	4.657	4.039	185.4E6	77979442	44.070	44.921
8)	B Heptachlo...	5.576	4.637	175.9E6	73867075	45.925	46.347
9)	A Endosulfan I	5.963	5.008	163.8E6	68417481	45.434	44.227
10)	B gamma-Chl...	5.835	4.890	177.3E6	74671692	45.859	46.263
11)	B alpha-Chl...	5.915	4.955	175.2E6	74220027	45.604	44.721
12)	B 4,4'-DDE	6.096	5.153	148.9E6	63655678	46.581	47.323
13)	MA Dieldrin	6.241	5.275	168.0E6	72078281	45.115	45.357
14)	MA Endrin	6.471	5.549	145.8E6	65767673	46.408	46.381m
15)	B Endosulfa...	6.693	5.848	138.1E6	61426527	43.061	44.870
16)	A 4,4'-DDD	6.616	5.709	120.2E6	53206032	46.613	47.187m
17)	MA 4,4'-DDT	6.934	5.964	140.2E6	59505486	49.020	47.812
18)	B Endrin al...	6.824	6.031	112.2E6	50262128	44.607	43.247
19)	B Endosulfa...	7.061	6.256	143.6E6	63545507	46.951	48.409
20)	A Methoxychlor	7.420	6.549	74337053	34662729	45.786	47.091
21)	B Endrin ke...	7.548	6.761	152.0E6	72680099	46.735	47.409
22)	Mirex	8.024	6.942	124.0E6	59927990	44.213	44.677

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 13:39
Operator : AR\AJ
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ClientSampleId :

PB158576BS

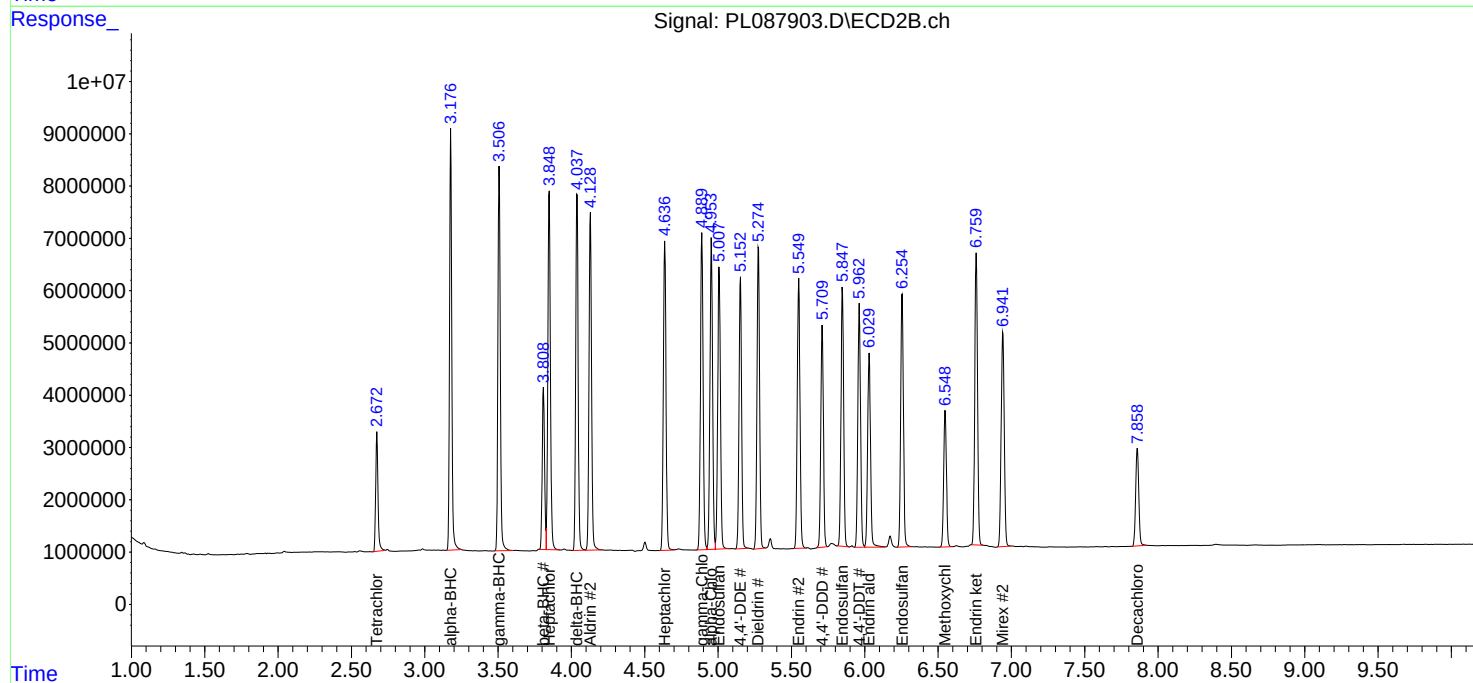
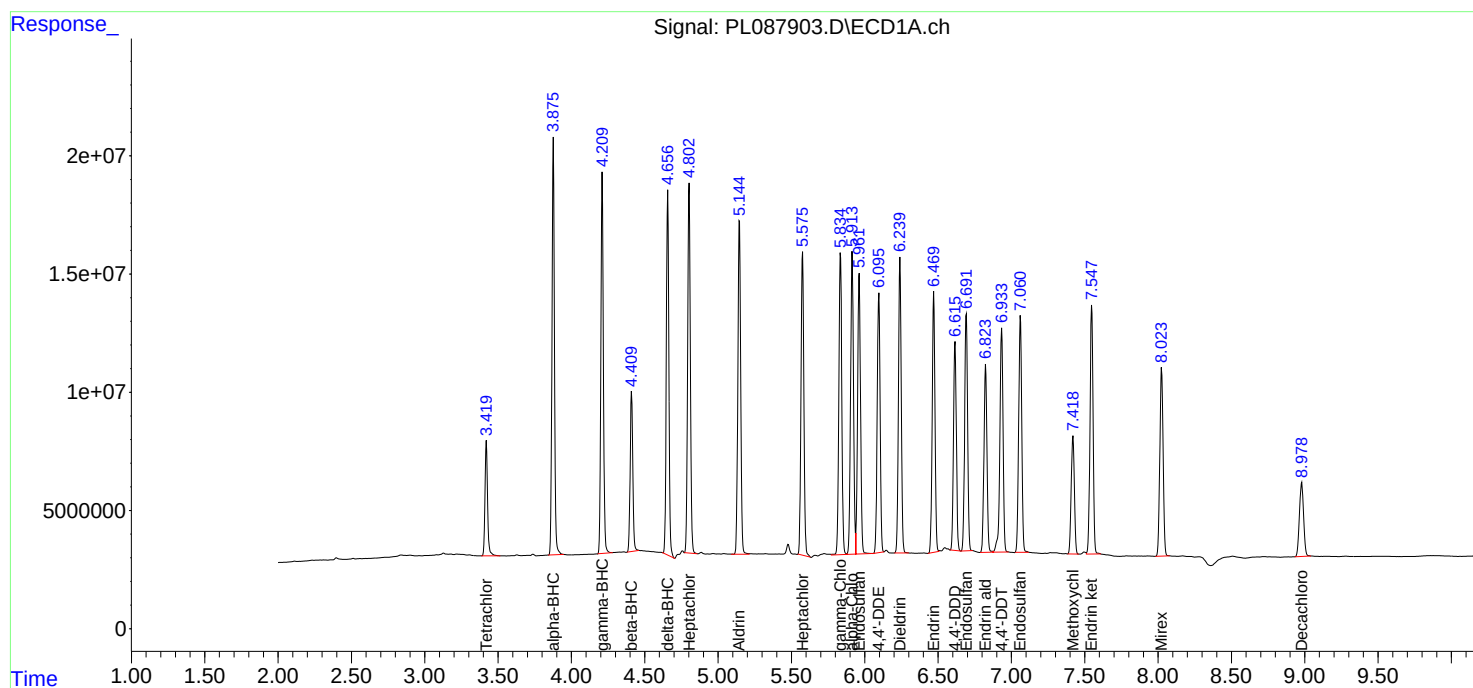
Manual Integrations

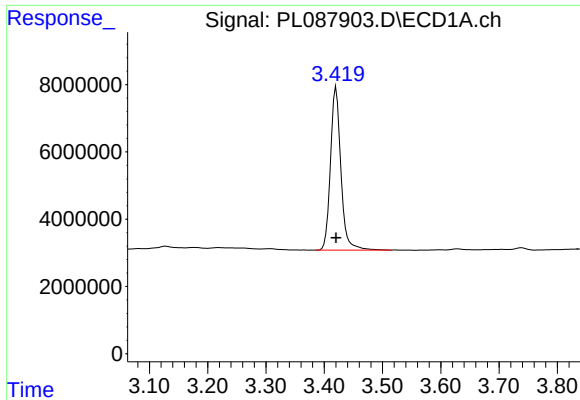
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Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:28:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
Response via : Initial Calibration
Integrator: ChemStation

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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





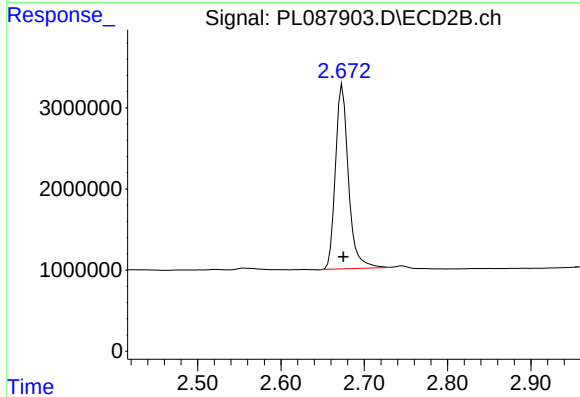
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 60288410
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

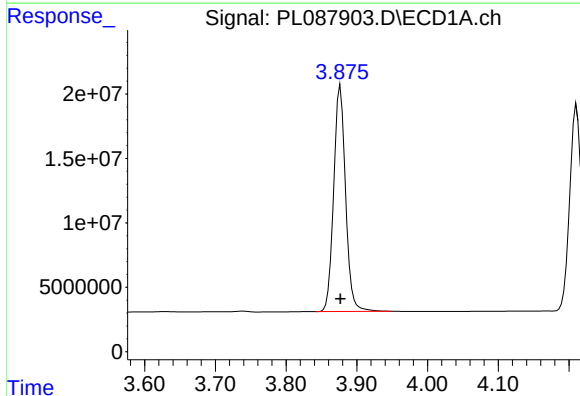
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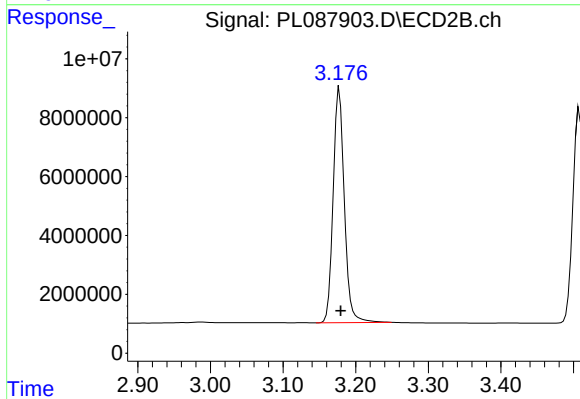
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 24708524
Conc: 20.40 ng/ml



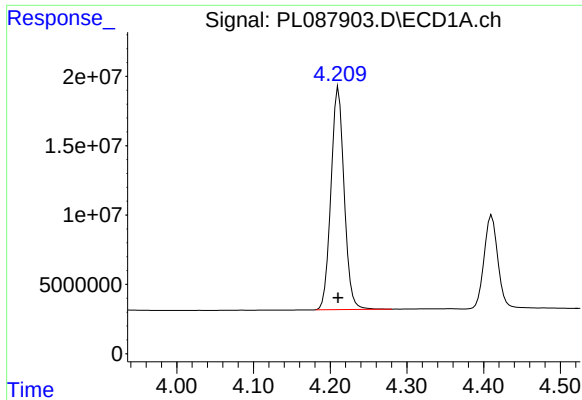
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 204612314
Conc: 45.60 ng/ml



#2 alpha-BHC

R.T.: 3.178 min
Delta R.T.: -0.001 min
Response: 85593909
Conc: 46.44 ng/ml



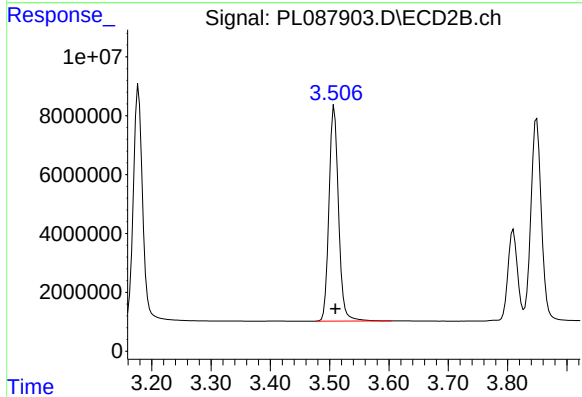
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 191274365
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

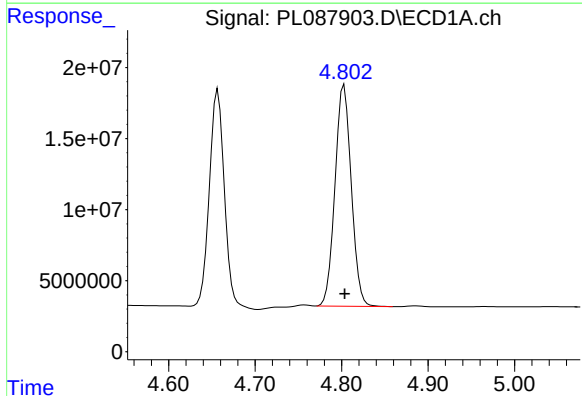
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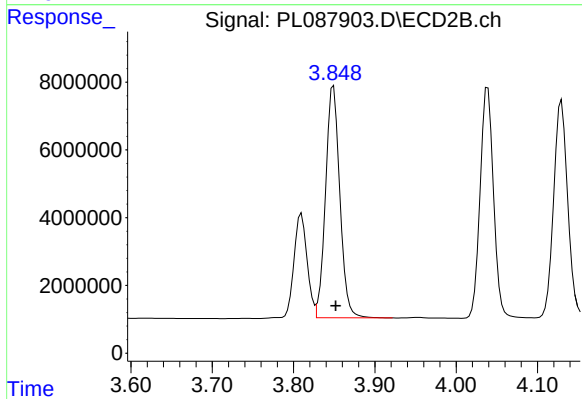
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 81359330
Conc: 44.77 ng/ml



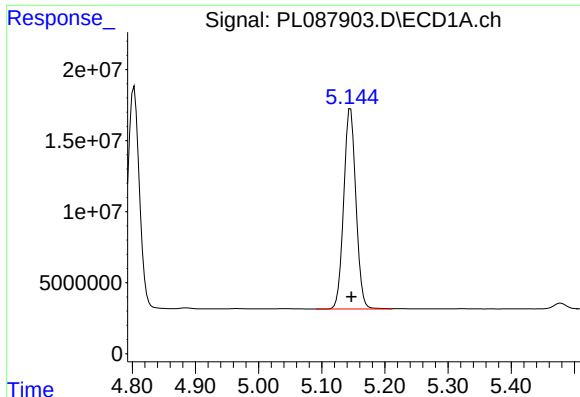
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 202673300
Conc: 46.12 ng/ml



#4 Heptachlor

R.T.: 3.849 min
Delta R.T.: -0.003 min
Response: 83945765
Conc: 47.13 ng/ml



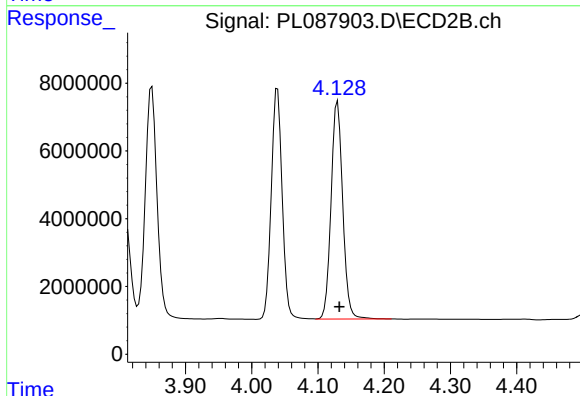
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.001 min
Response: 189630807
Conc: 44.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

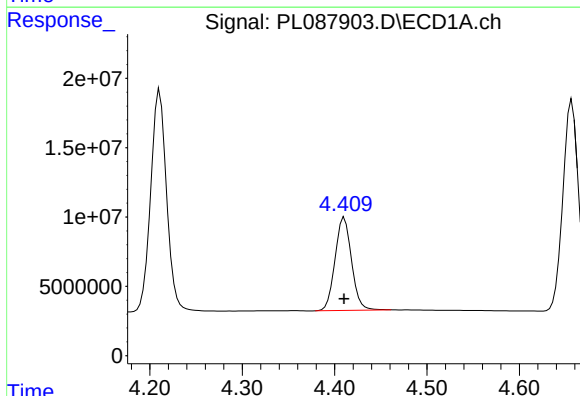
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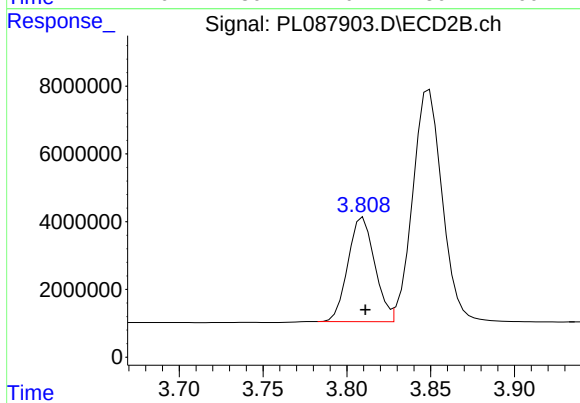
#5 Aldrin

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 78599197
Conc: 44.53 ng/ml



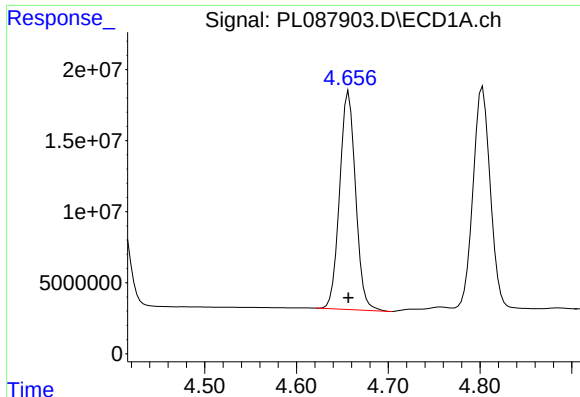
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 83444704
Conc: 44.85 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 34094439
Conc: 44.58 ng/ml



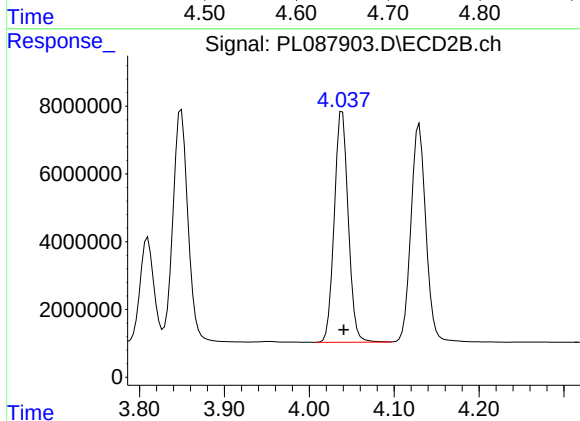
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 185444027
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

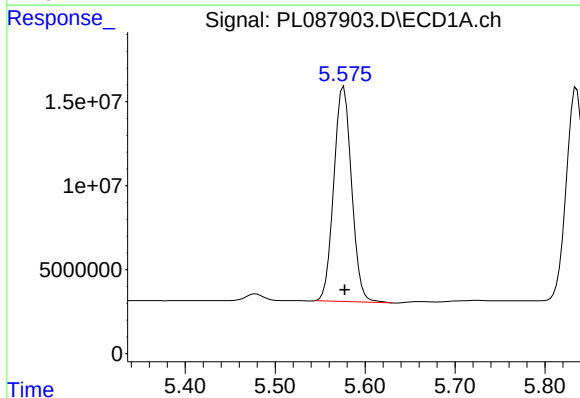
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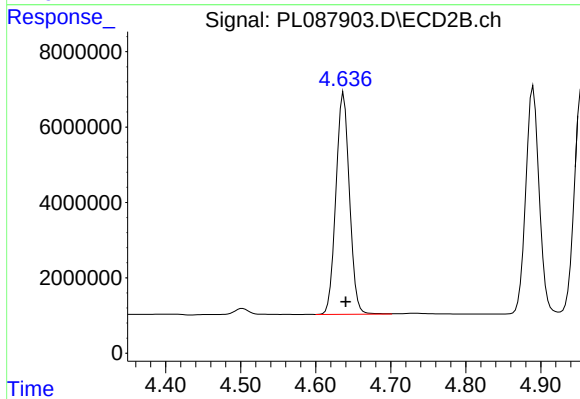
#7 delta-BHC

R.T.: 4.039 min
Delta R.T.: -0.002 min
Response: 77979442
Conc: 44.92 ng/ml



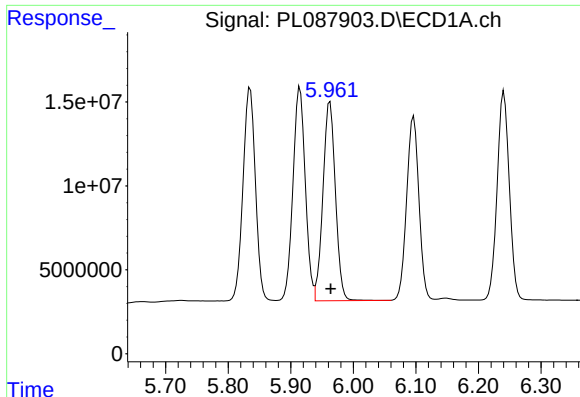
#8 Heptachlor epoxide

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 175947908
Conc: 45.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.003 min
Response: 73867075
Conc: 46.35 ng/ml



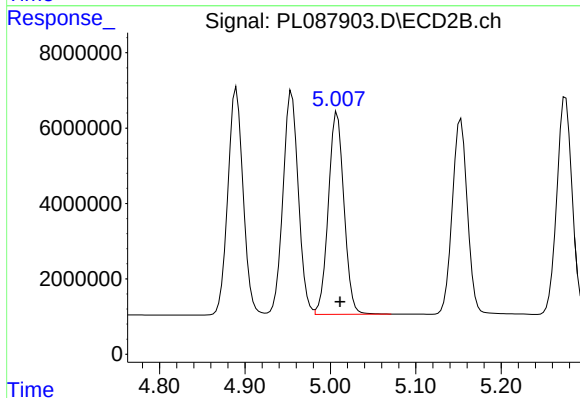
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.001 min
Response: 163834571
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

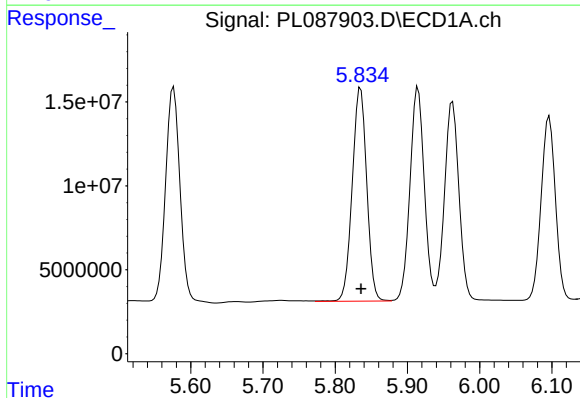
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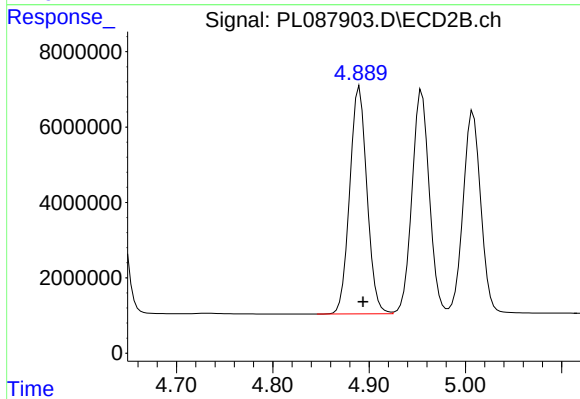
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.003 min
Response: 68417481
Conc: 44.23 ng/ml



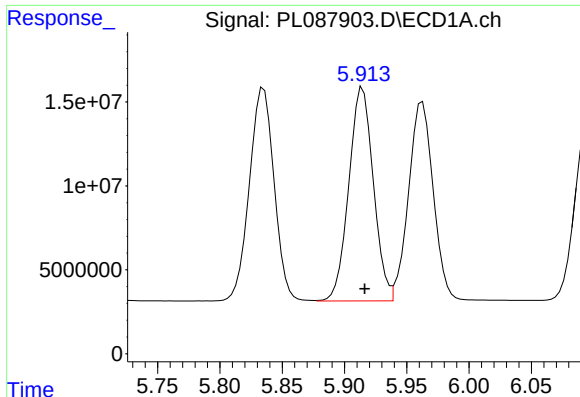
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 177279731
Conc: 45.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 74671692
Conc: 46.26 ng/ml



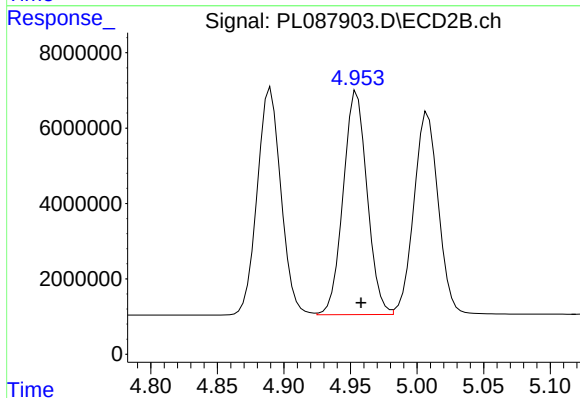
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.001 min
Response: 175240886
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

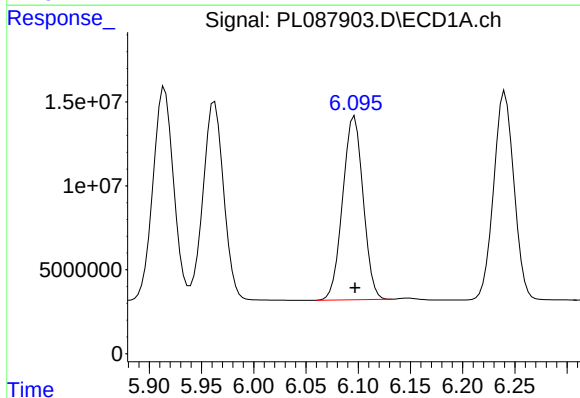
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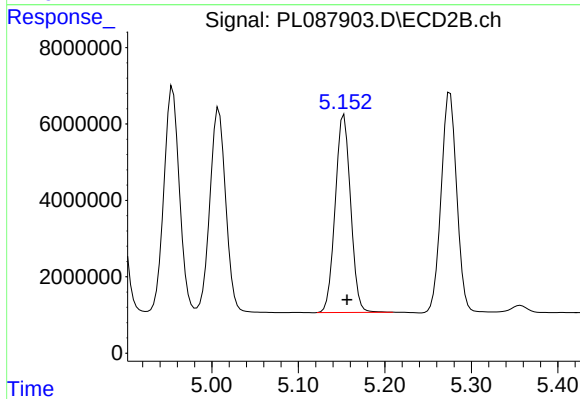
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.003 min
Response: 74220027
Conc: 44.72 ng/ml



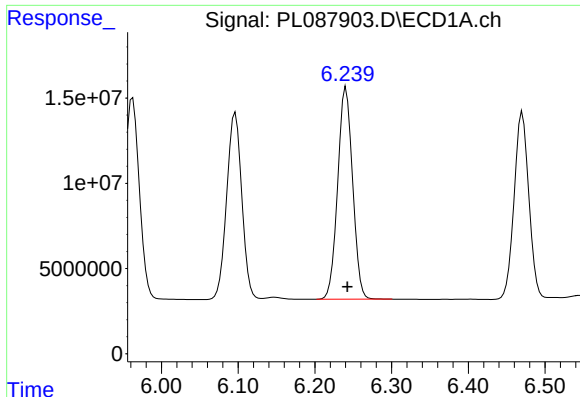
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 148926493
Conc: 46.58 ng/ml



#12 4,4'-DDE

R.T.: 5.153 min
Delta R.T.: -0.004 min
Response: 63655678
Conc: 47.32 ng/ml



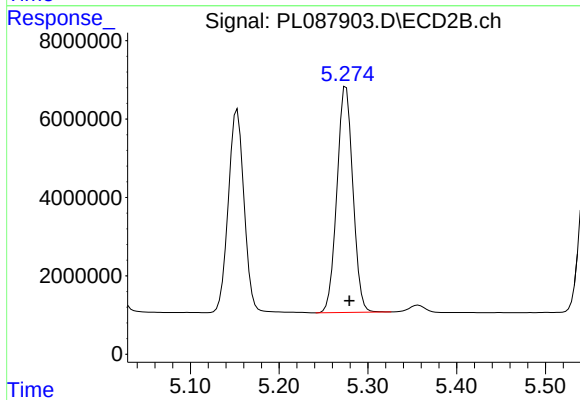
#13 Dieldrin

R.T.: 6.241 min
Delta R.T.: -0.002 min
Response: 168046057
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

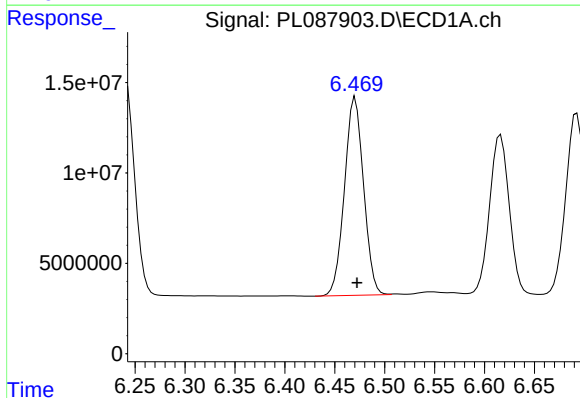
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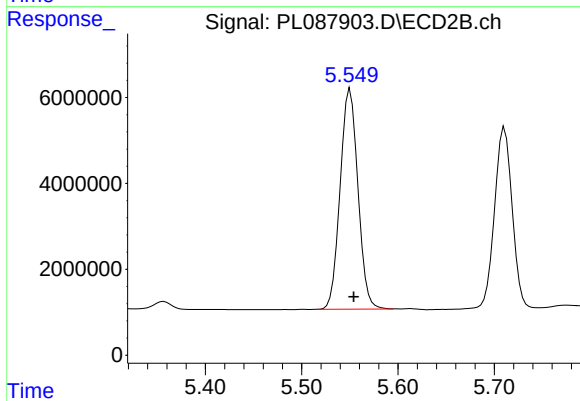
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.003 min
Response: 72078281
Conc: 45.36 ng/ml



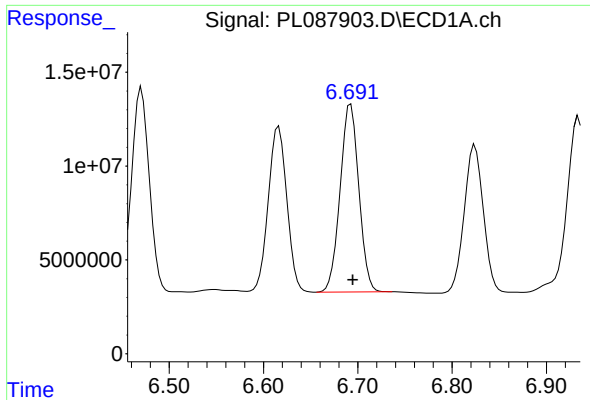
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 145763682
Conc: 46.41 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 65767673
Conc: 46.38 ng/ml m



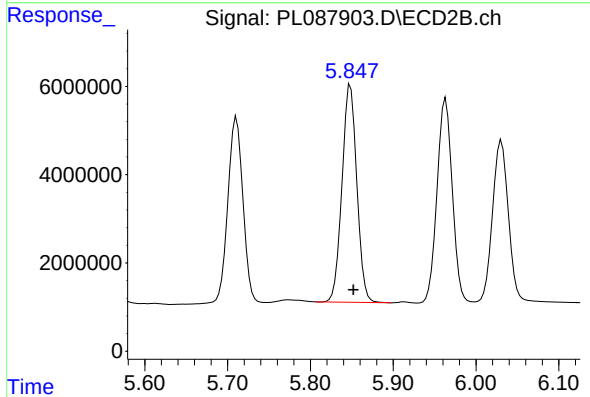
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 138098373
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

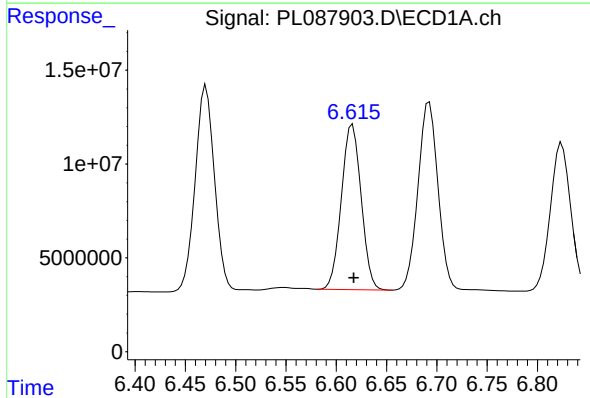
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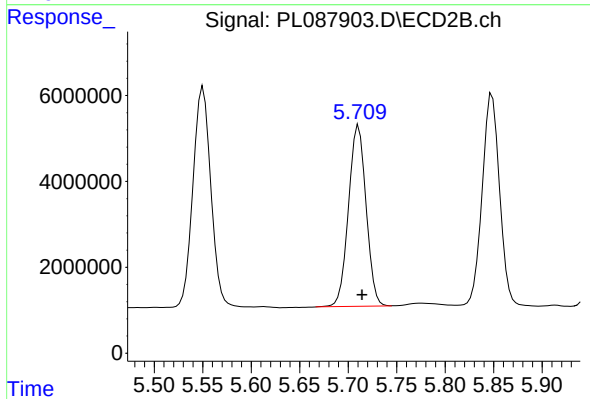
#15 Endosulfan II

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 61426527
Conc: 44.87 ng/ml



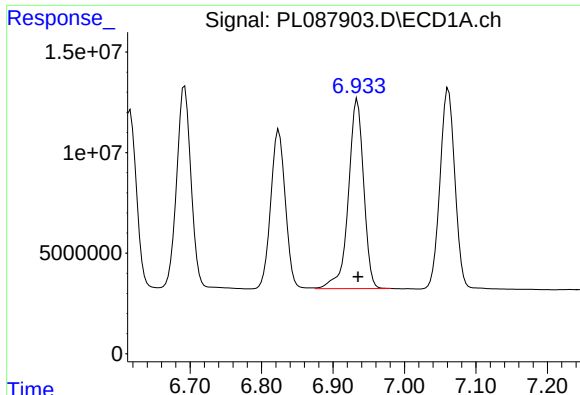
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 120195876
Conc: 46.61 ng/ml



#16 4,4'-DDD

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 53206032
Conc: 47.19 ng/ml m



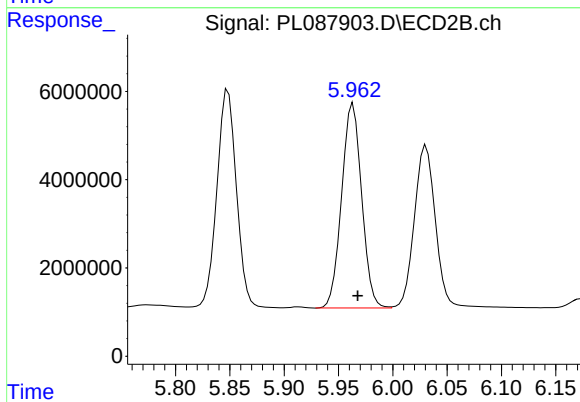
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 140174296
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

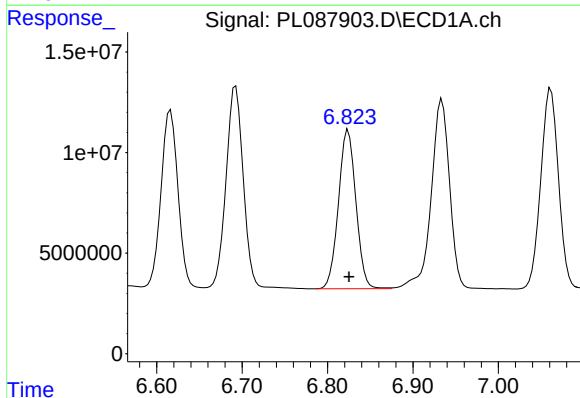
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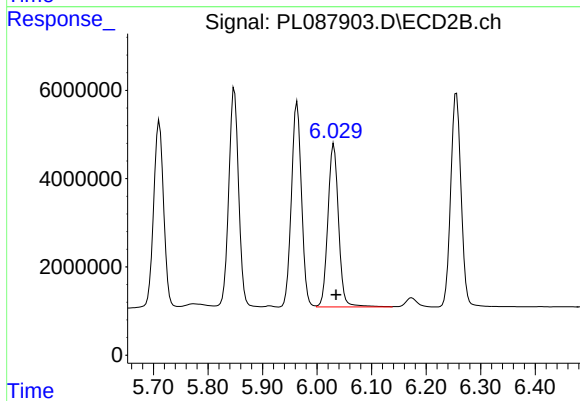
#17 4,4'-DDT

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 59505486
Conc: 47.81 ng/ml



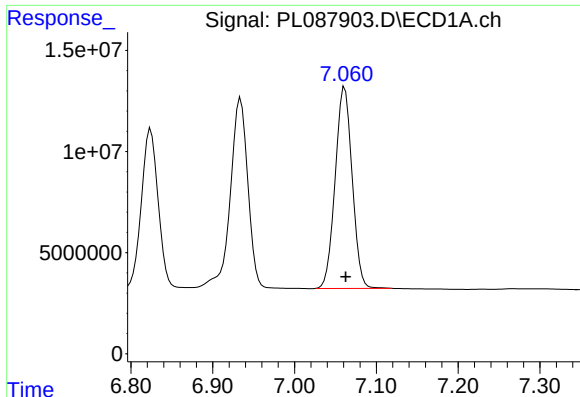
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 112199584
Conc: 44.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 50262128
Conc: 43.25 ng/ml



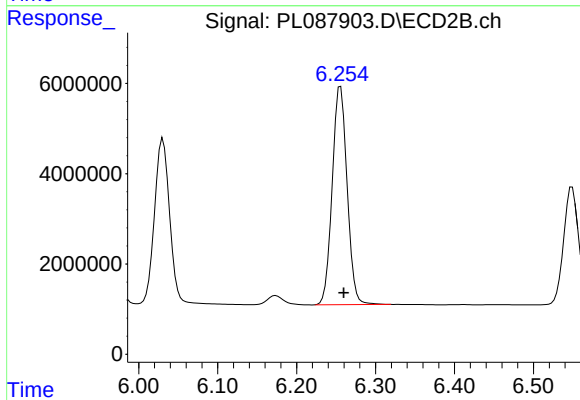
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 143599319
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

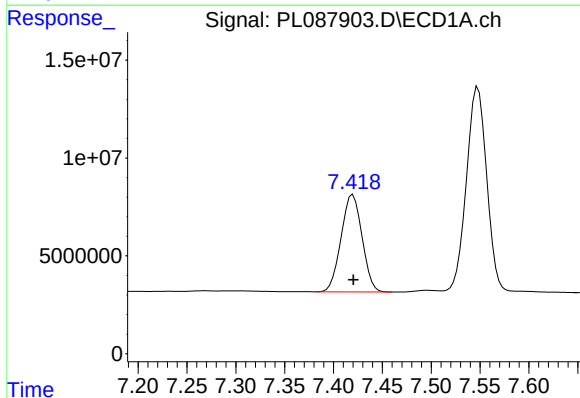
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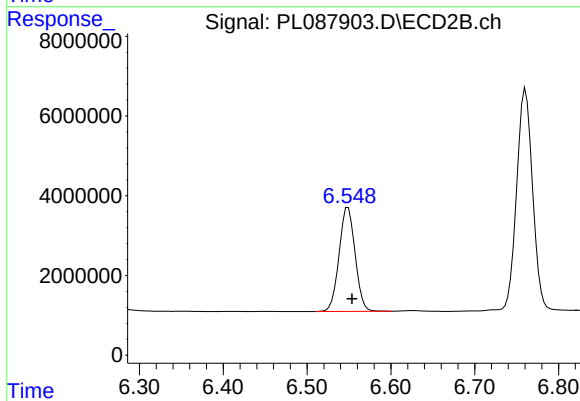
#19 Endosulfan Sulfate

R.T.: 6.256 min
Delta R.T.: -0.004 min
Response: 63545507
Conc: 48.41 ng/ml



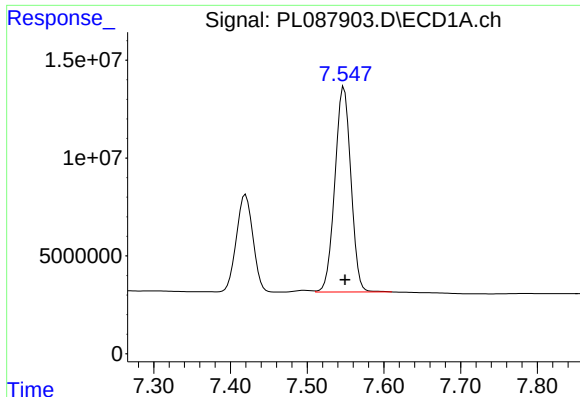
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 74337053
Conc: 45.79 ng/ml



#20 Methoxychlor

R.T.: 6.549 min
Delta R.T.: -0.005 min
Response: 34662729
Conc: 47.09 ng/ml



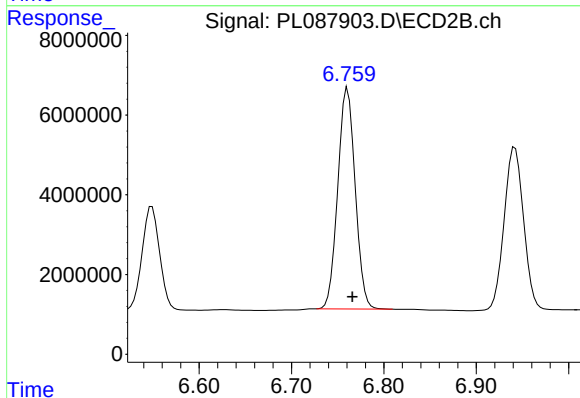
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 152010347
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

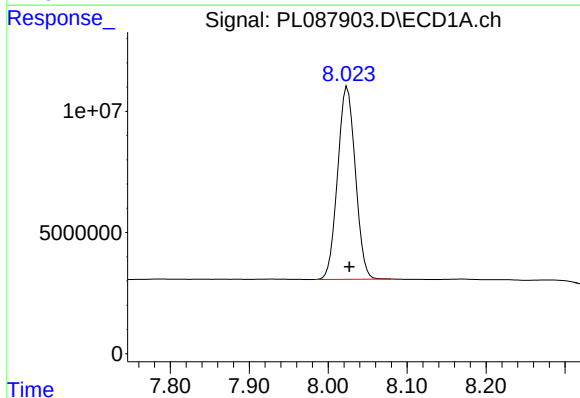
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APPROVED

Reviewed By :Abdul Mirza 01/24/2024
Supervised By :Ankita Jodhani 01/24/2024



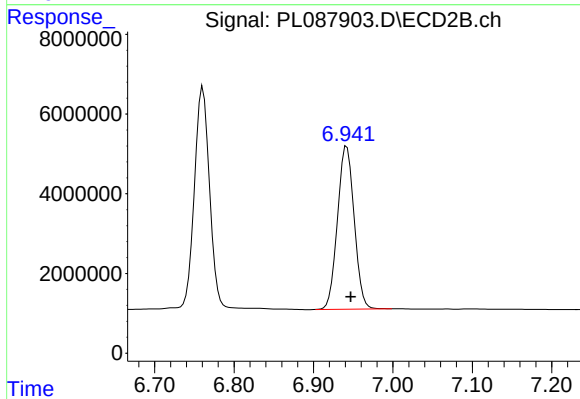
#21 Endrin ketone

R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 72680099
Conc: 47.41 ng/ml



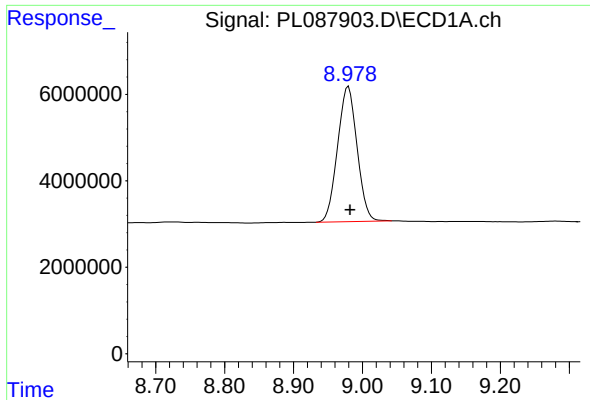
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.002 min
Response: 123966402
Conc: 44.21 ng/ml



#22 Mirex

R.T.: 6.942 min
Delta R.T.: -0.005 min
Response: 59927990
Conc: 44.68 ng/ml



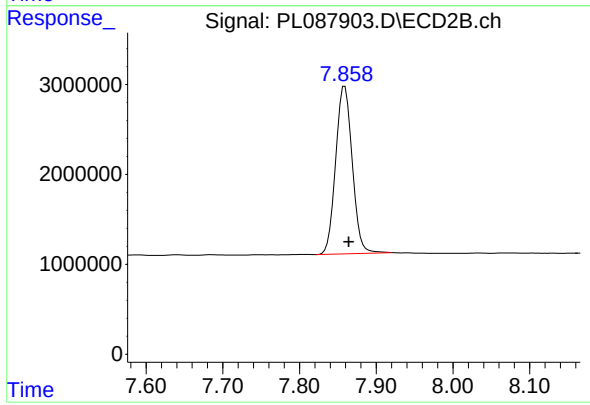
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.002 min
Response: 61509887
Conc: 21.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158576BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.859 min
Delta R.T.: -0.005 min
Response: 28031364
Conc: 22.13 ng/ml