

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
 Data File : PD084240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 18:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:23:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.566	2.768	49627945	301.3E6	48.536	52.409
28)	SA Decachlor...	9.119	7.894	102.2E6	314.5E6	44.773	48.968
Target Compounds							
2)	A alpha-BHC	4.024	3.268	96900007	403.3E6	49.330	45.486
3)	MA gamma-BHC...	4.358	3.596	94262749	386.2E6	48.777	48.298
4)	MA Heptachlor	4.950	3.934	96270804	435.6E6	48.397	53.624
5)	MB Aldrin	5.294	4.213	101.4E6	401.9E6	49.845	50.057
6)	B beta-BHC	4.554	3.893	32486657	181.6E6	40.956m	51.610 #
7)	B delta-BHC	4.804	4.122	81633405	450.3E6	44.900m	54.121
8)	B Heptachlo...	5.721	4.714	76607580	383.7E6	42.972	53.385
9)	A Endosulfan I	6.108	5.083	92205728	371.5E6	47.687	53.874
10)	B gamma-Chl...	5.979	4.964	95850724	411.1E6	47.937	54.234
11)	B alpha-Chl...	6.057	5.027	94908959	403.7E6	47.596	54.056
12)	B 4,4'-DDE	6.229	5.215	95656169	396.1E6	47.984	55.593
13)	MA Dieldrin	6.384	5.347	98214709	409.5E6	47.612	54.536
14)	MA Endrin	6.614	5.623	90983886	359.7E6	50.975m	54.387
15)	B Endosulfa...	6.833	5.917	91883884	344.9E6	48.119m	53.983
16)	A 4,4'-DDD	6.748	5.770	72932722	306.1E6	48.143	55.268
17)	MA 4,4'-DDT	7.063	6.020	87045687	321.7E6	50.682	56.081
18)	B Endrin al...	6.965	6.096	71133948	264.2E6	48.427	52.642
19)	B Endosulfa...	7.199	6.319	90838009	328.1E6	50.006	53.615
20)	A Methoxychlor	7.539	6.594	49926733	161.1E6	50.671	54.616
21)	B Endrin ke...	7.686	6.824	102.0E6	345.7E6	49.370	51.069
22)	Mirex	8.161	7.004	74445370	264.9E6	45.710	48.877

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
Data File : PD084240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2024 18:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

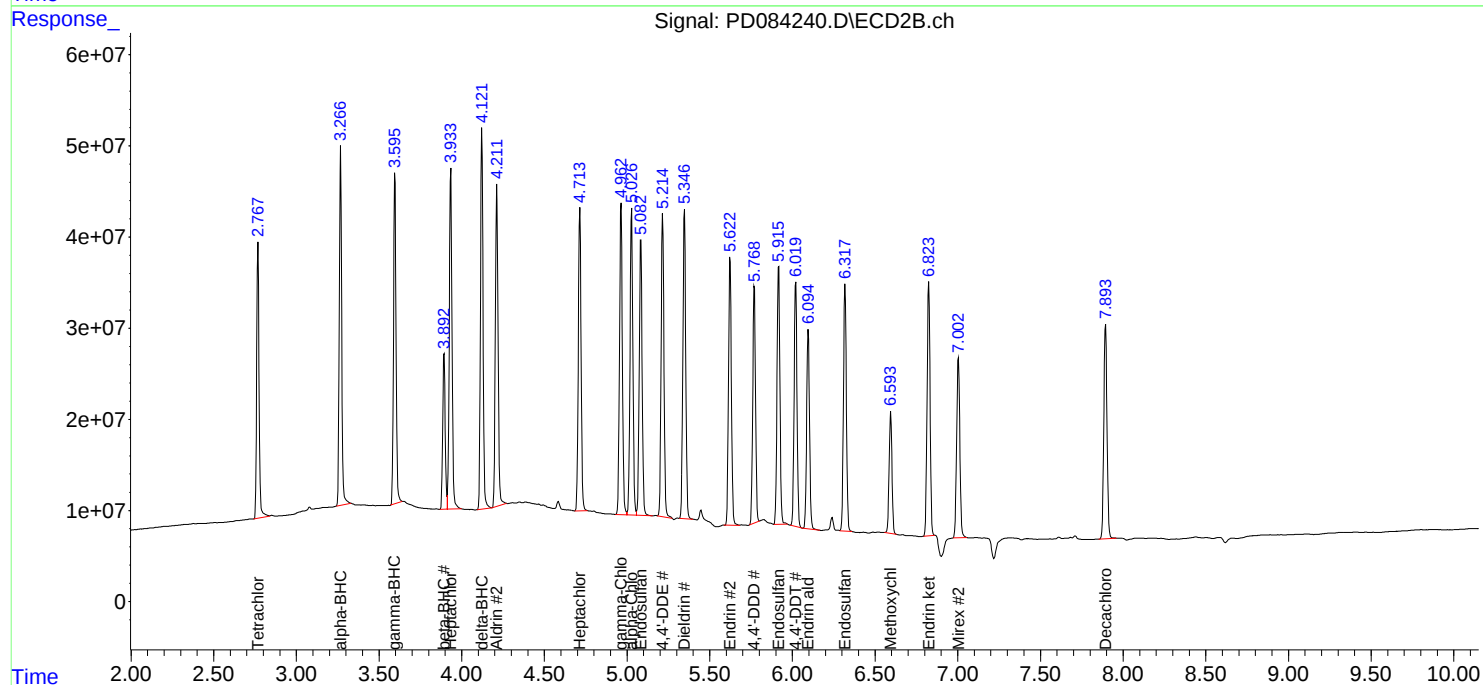
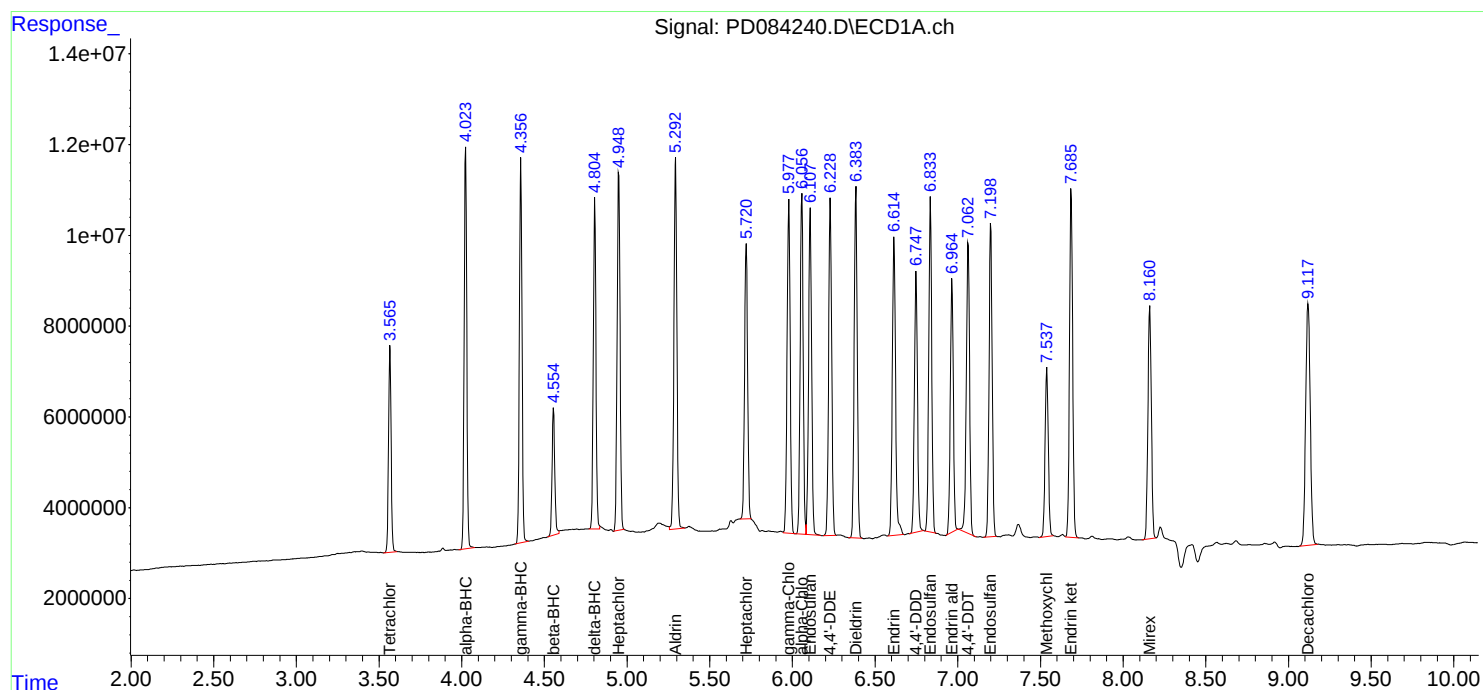
APPROVED

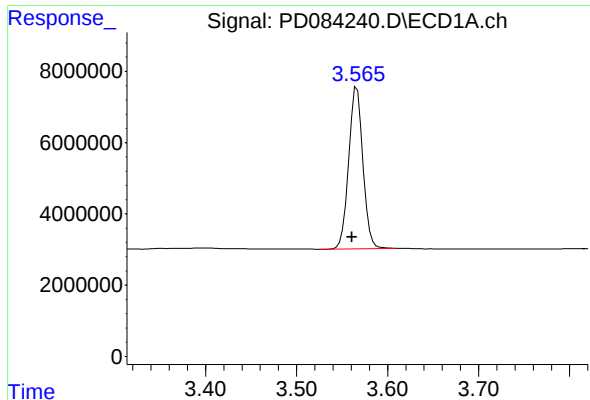
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Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:23:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





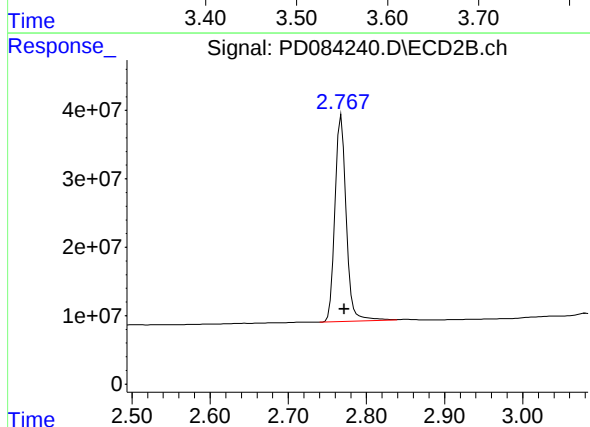
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.005 min
Response: 49627945
Conc: 48.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

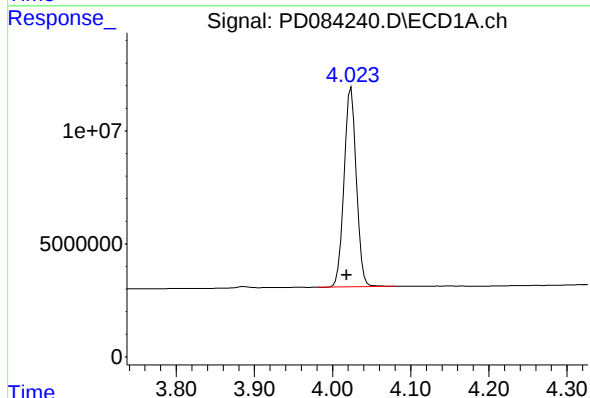
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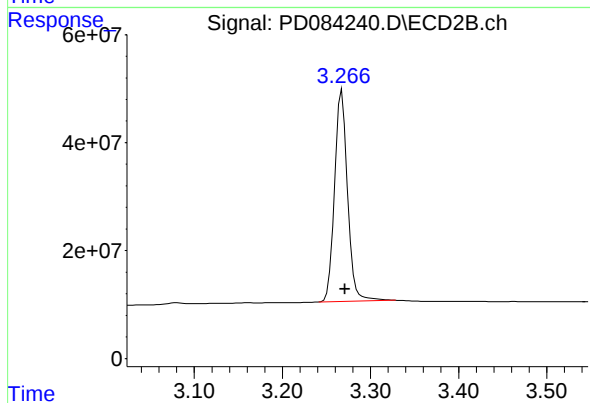
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 301329903
Conc: 52.41 ng/ml



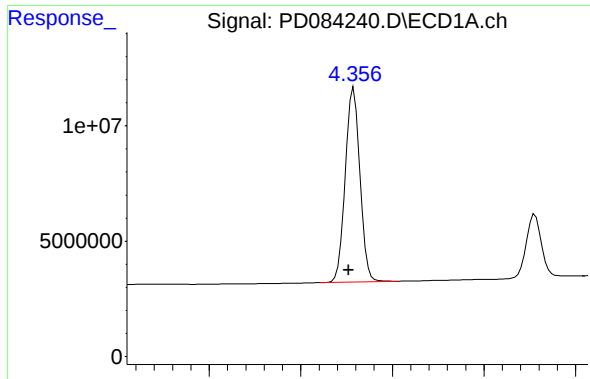
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.006 min
Response: 96900007
Conc: 49.33 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.004 min
Response: 403260800
Conc: 45.49 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.006 min
Response: 94262749
Conc: 48.78 ng/ml

Instrument :

ECD_D

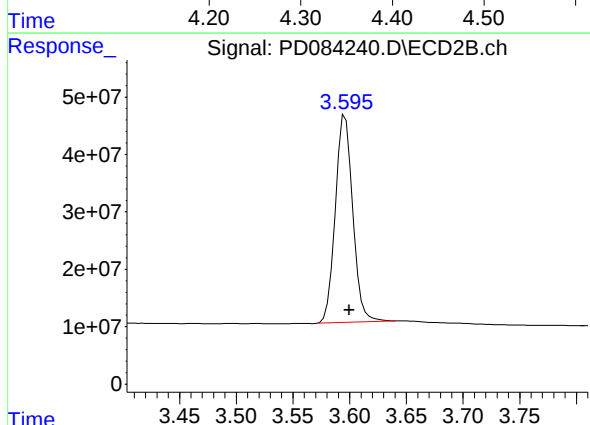
ClientSampleId :

PSTDCCC050

Manual Integrations

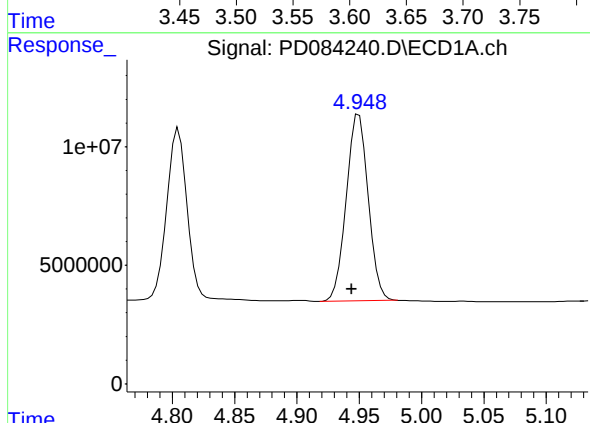
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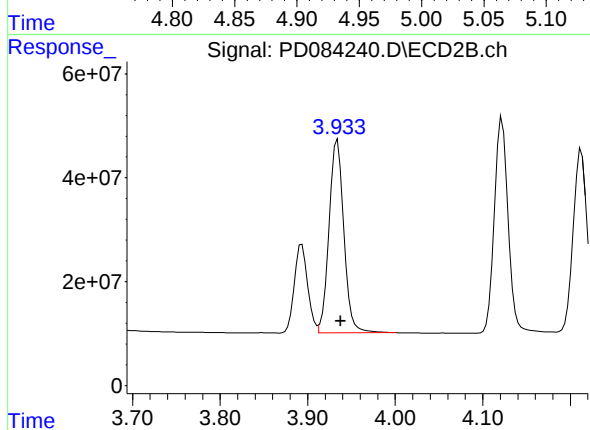
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: -0.003 min
Response: 386181147
Conc: 48.30 ng/ml



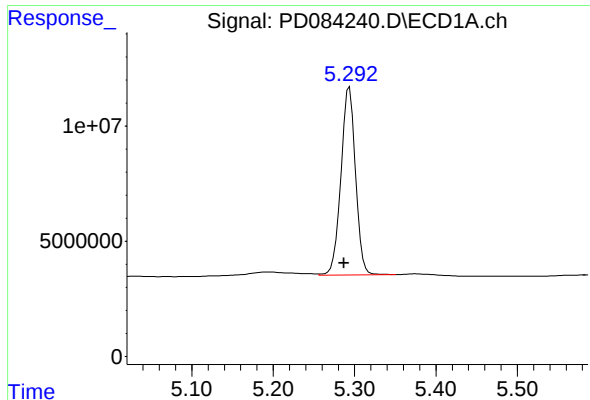
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.006 min
Response: 96270804
Conc: 48.40 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: -0.004 min
Response: 435604766
Conc: 53.62 ng/ml



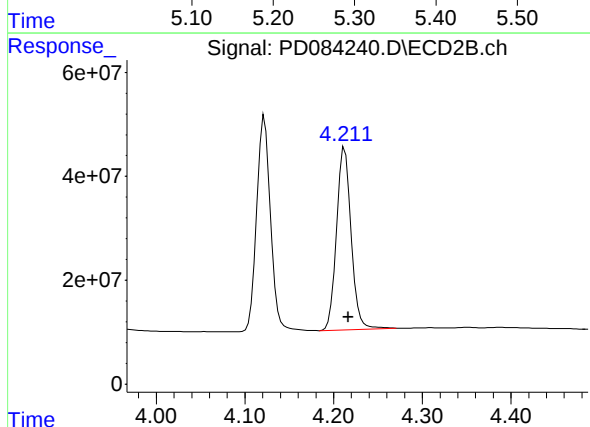
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.006 min
Response: 101436974
Conc: 49.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

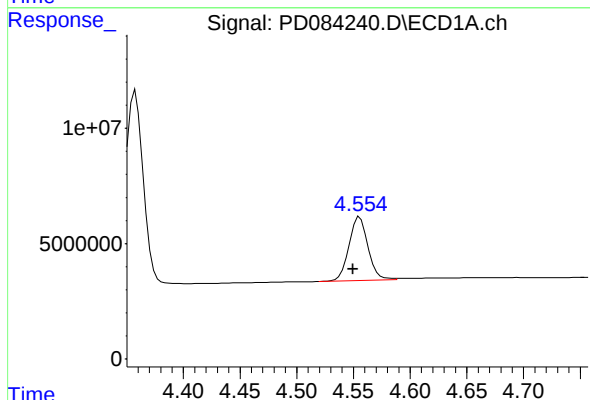
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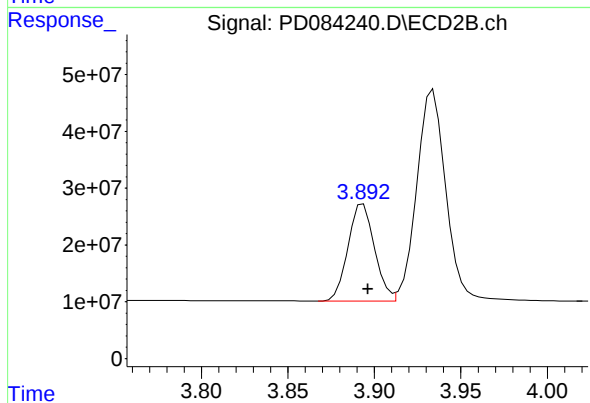
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: -0.004 min
Response: 401911727
Conc: 50.06 ng/ml



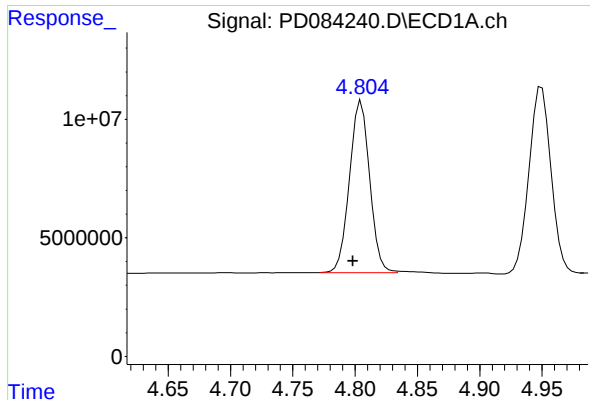
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.005 min
Response: 32486657
Conc: 40.96 ng/ml m



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: -0.003 min
Response: 181593460
Conc: 51.61 ng/ml



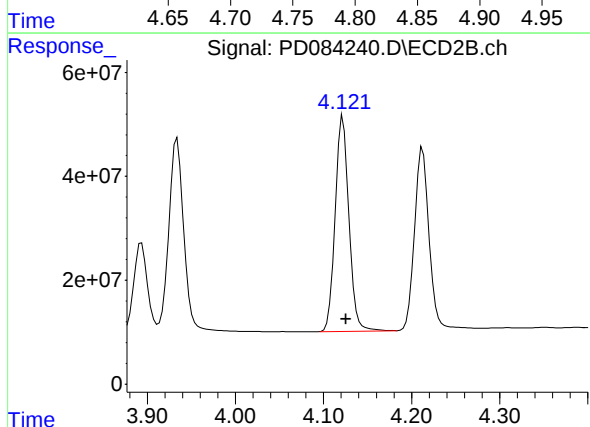
#7 delta-BHC

R.T.: 4.804 min
Delta R.T.: 0.005 min
Response: 81633405
Conc: 44.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

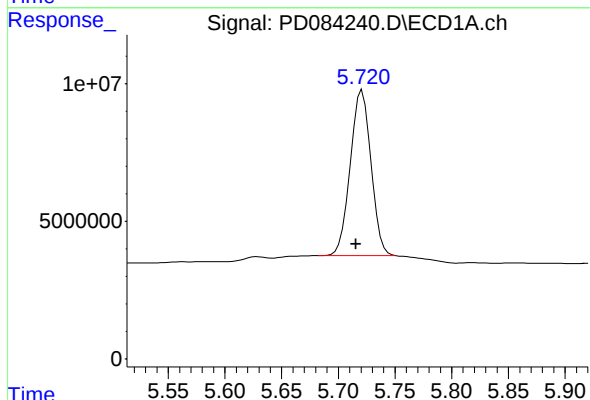
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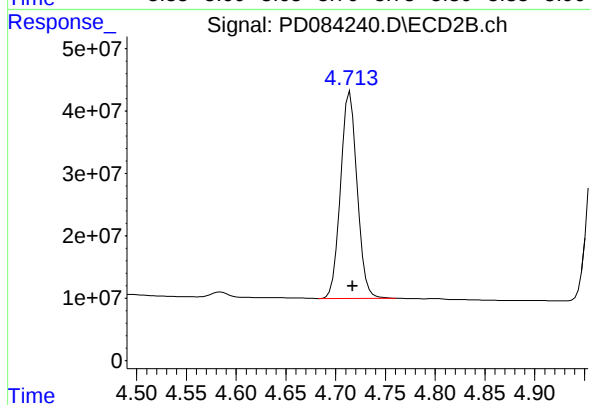
#7 delta-BHC

R.T.: 4.122 min
Delta R.T.: -0.004 min
Response: 450297674
Conc: 54.12 ng/ml



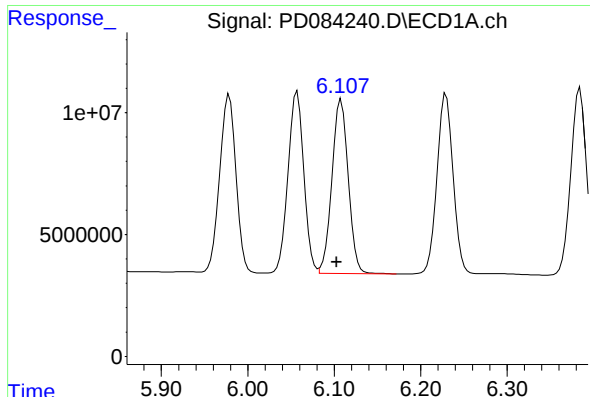
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.005 min
Response: 76607580
Conc: 42.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 383663557
Conc: 53.39 ng/ml



#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.005 min
Response: 92205728
Conc: 47.69 ng/ml

Instrument :

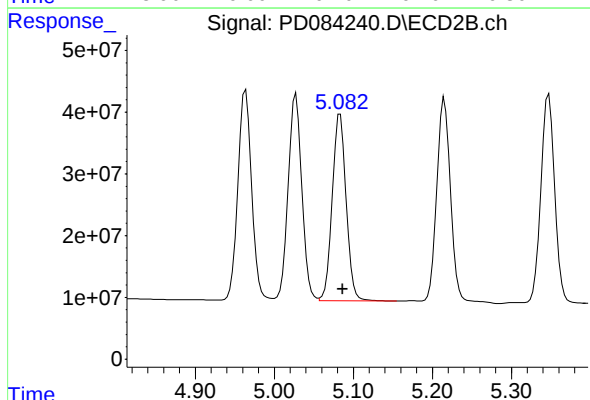
ECD_D

ClientSampleId :

PSTDCCC050

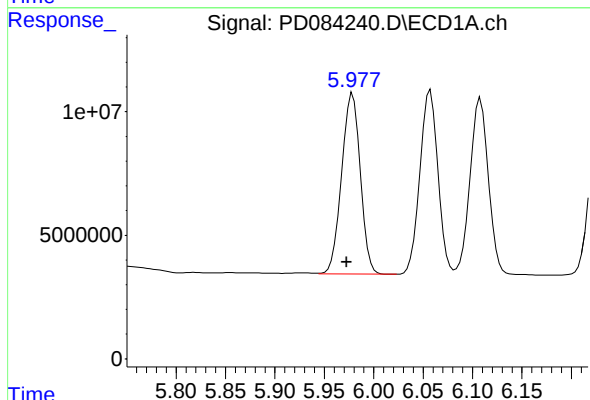
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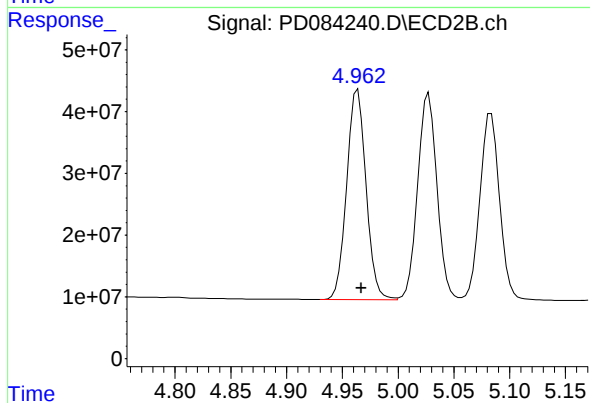
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 371524990
Conc: 53.87 ng/ml



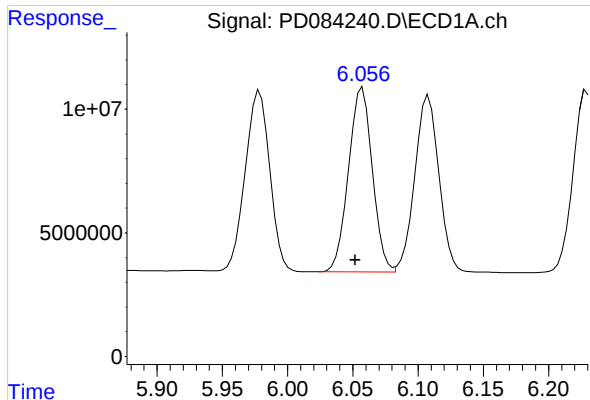
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.006 min
Response: 95850724
Conc: 47.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 411135532
Conc: 54.23 ng/ml



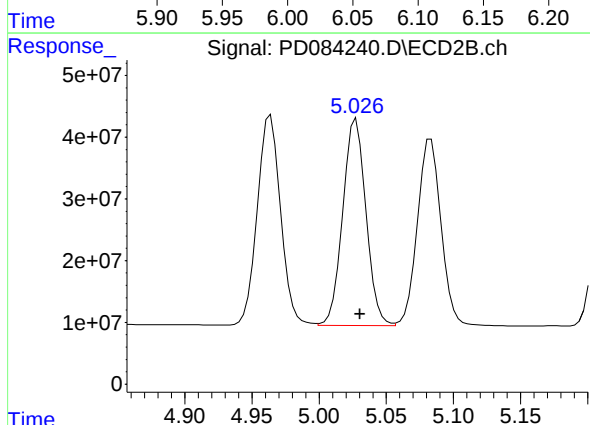
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.005 min
Response: 94908959
Conc: 47.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

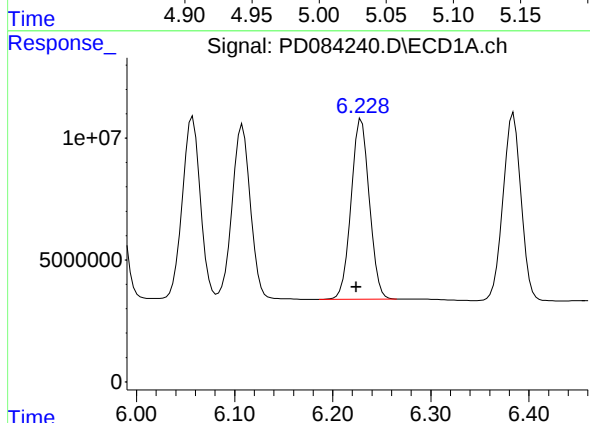
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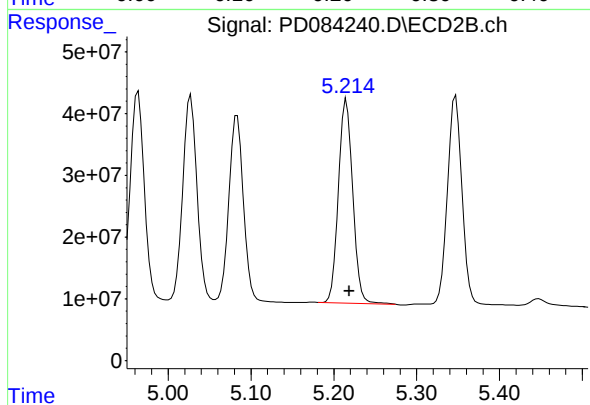
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: -0.003 min
Response: 403676214
Conc: 54.06 ng/ml



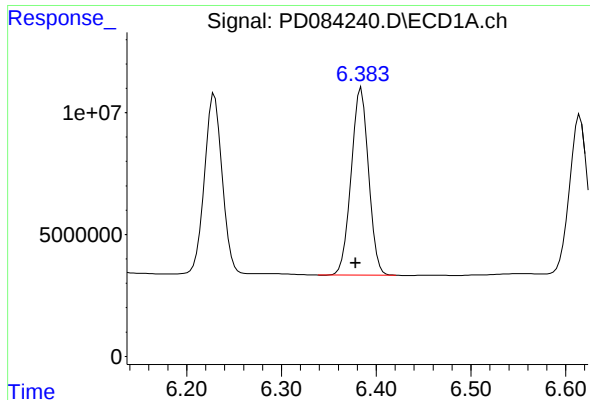
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 95656169
Conc: 47.98 ng/ml



#12 4,4'-DDE

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 396079173
Conc: 55.59 ng/ml



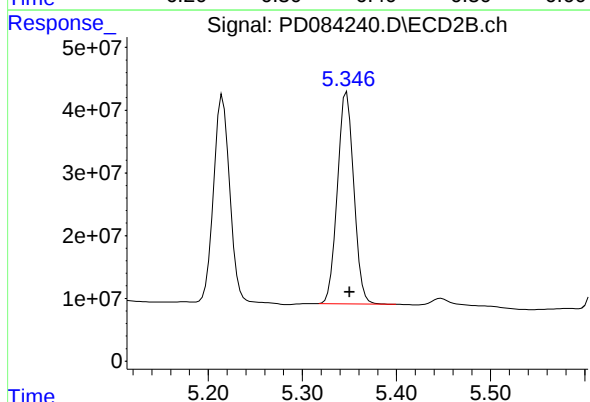
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.006 min
Response: 98214709
Conc: 47.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

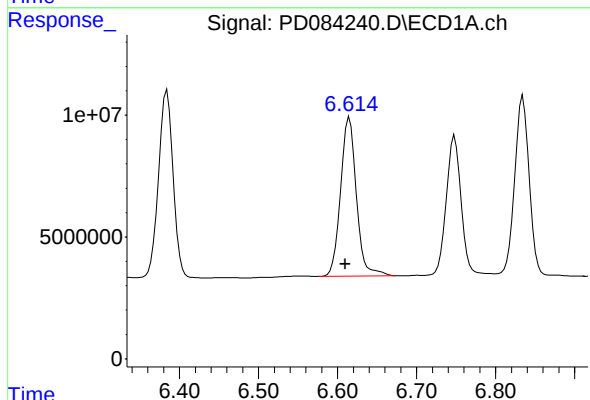
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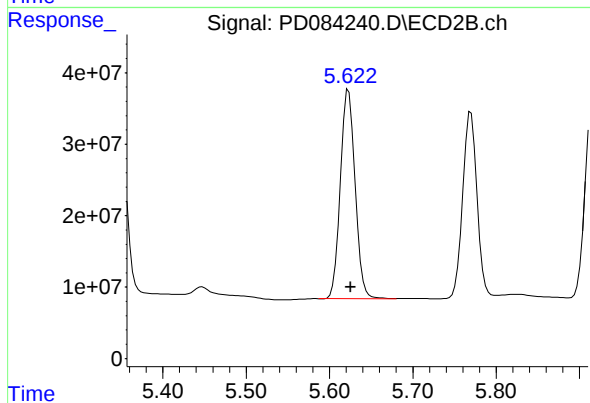
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 409465135
Conc: 54.54 ng/ml



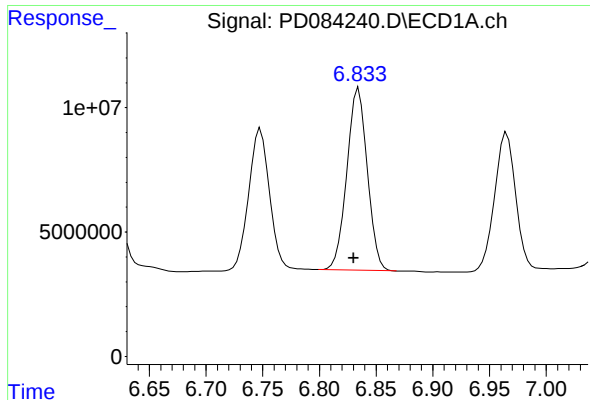
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.004 min
Response: 90983886
Conc: 50.97 ng/ml m



#14 Endrin

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 359664645
Conc: 54.39 ng/ml



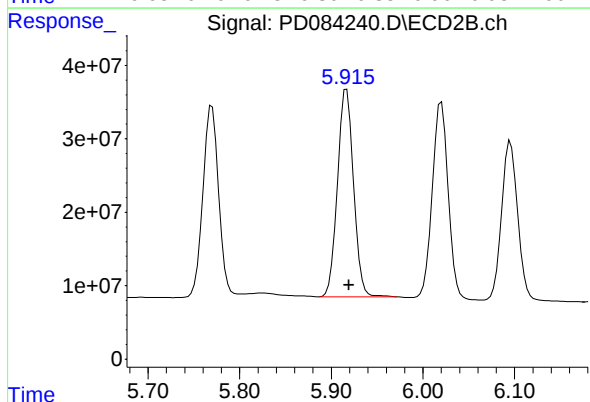
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.003 min
Response: 91883884
Conc: 48.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

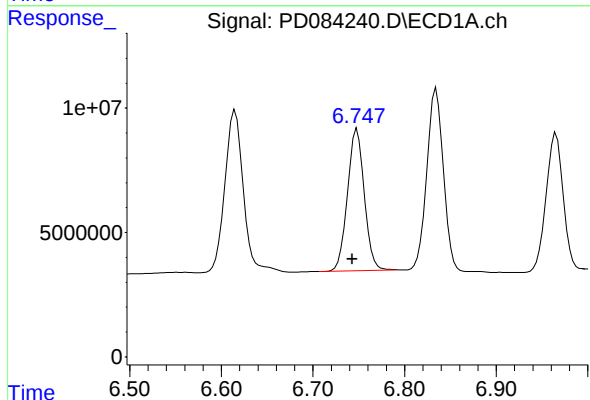
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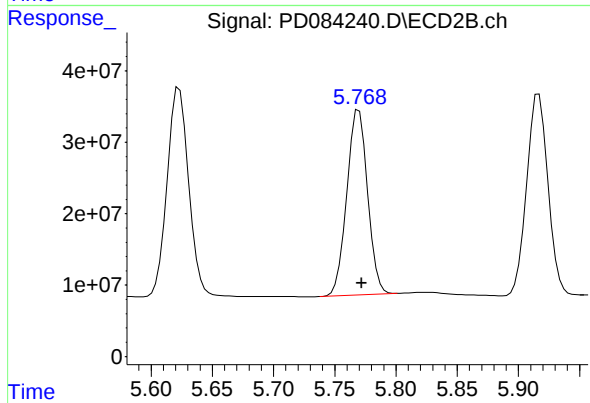
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 344900052
Conc: 53.98 ng/ml



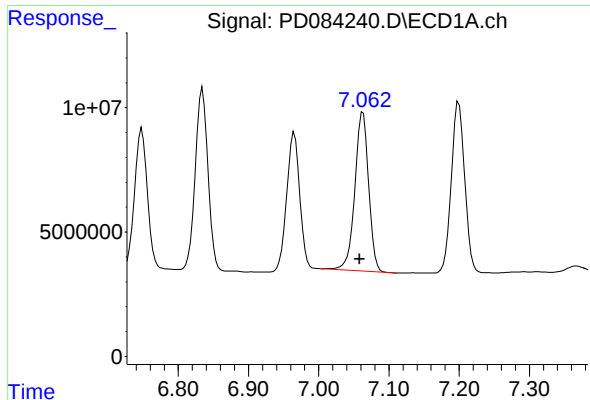
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.005 min
Response: 72932722
Conc: 48.14 ng/ml



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 306112412
Conc: 55.27 ng/ml



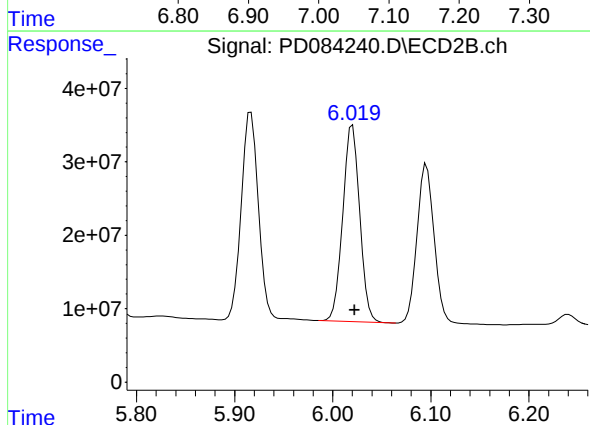
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.005 min
Response: 87045687
Conc: 50.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

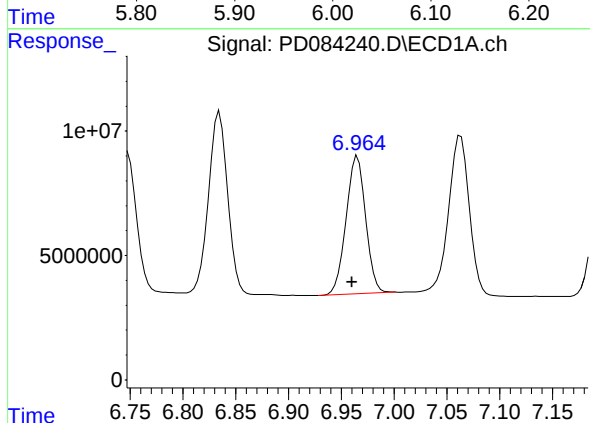
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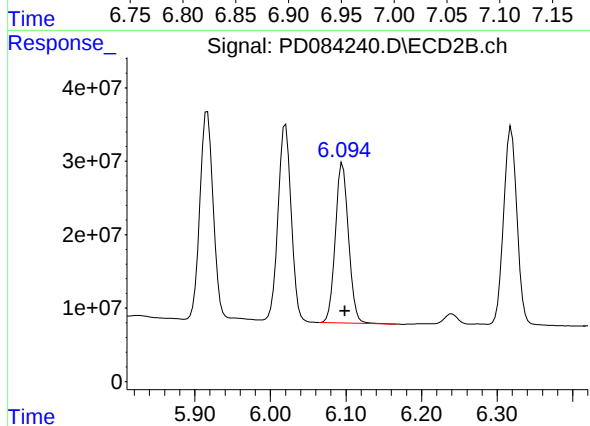
#17 4,4'-DDT

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 321673431
Conc: 56.08 ng/ml



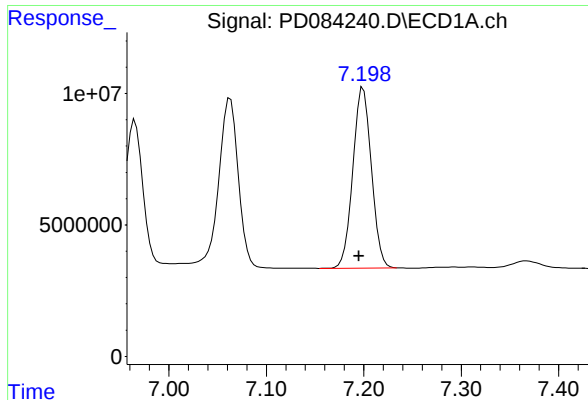
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.005 min
Response: 71133948
Conc: 48.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 264171594
Conc: 52.64 ng/ml



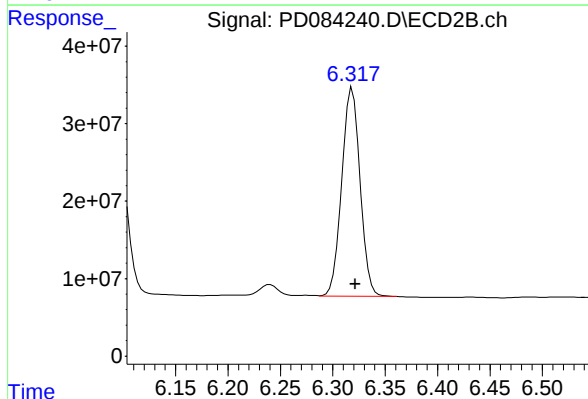
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.004 min
Response: 90838009
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

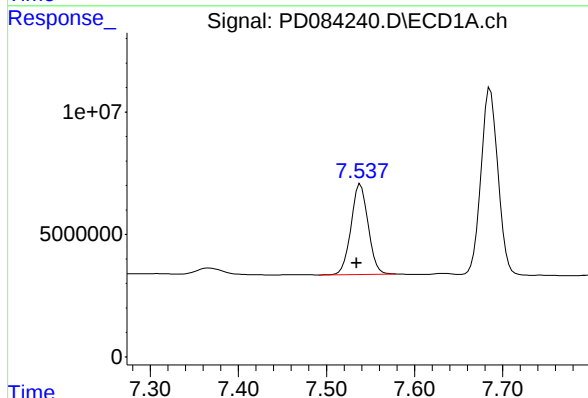
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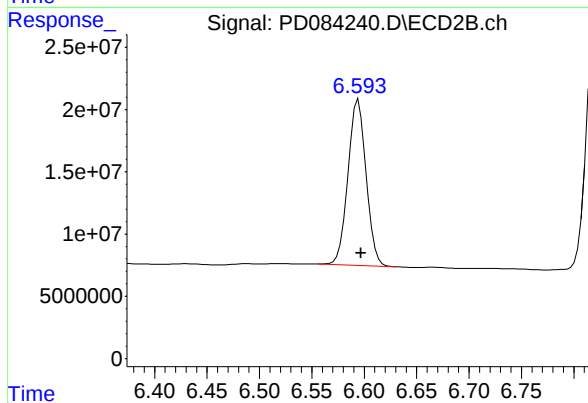
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: -0.003 min
Response: 328127349
Conc: 53.62 ng/ml



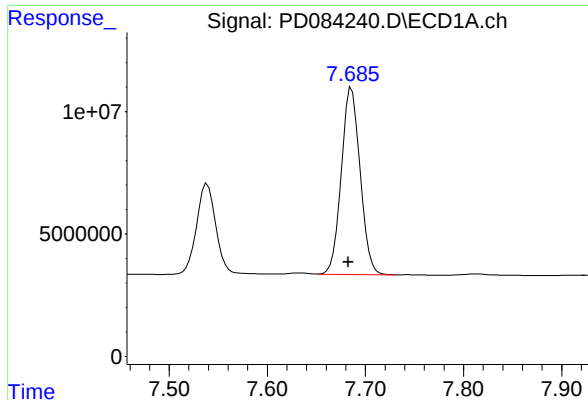
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.004 min
Response: 49926733
Conc: 50.67 ng/ml



#20 Methoxychlor

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 161107429
Conc: 54.62 ng/ml



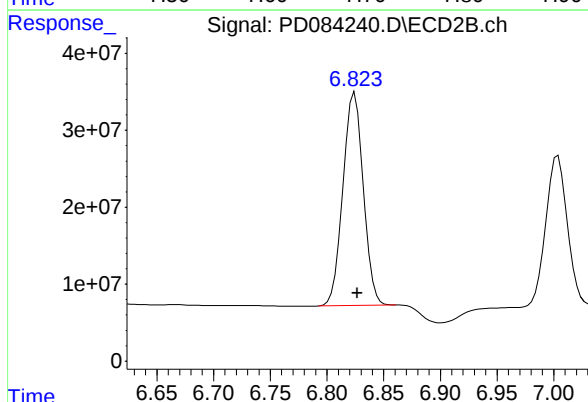
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.004 min
Response: 101960426
Conc: 49.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

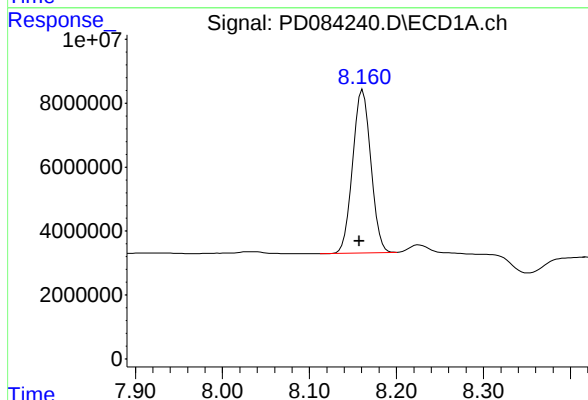
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2024
Supervised By :Ankita Jodhani 08/06/2024



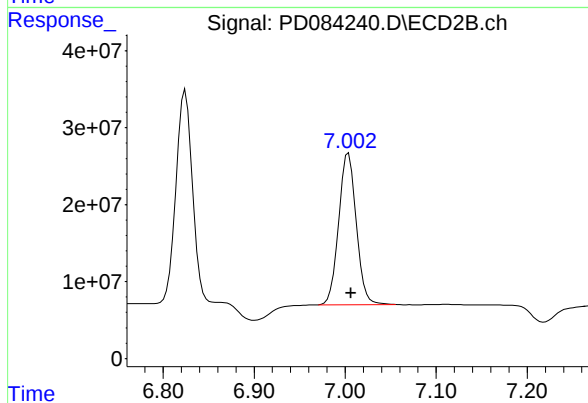
#21 Endrin ketone

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 345747185
Conc: 51.07 ng/ml



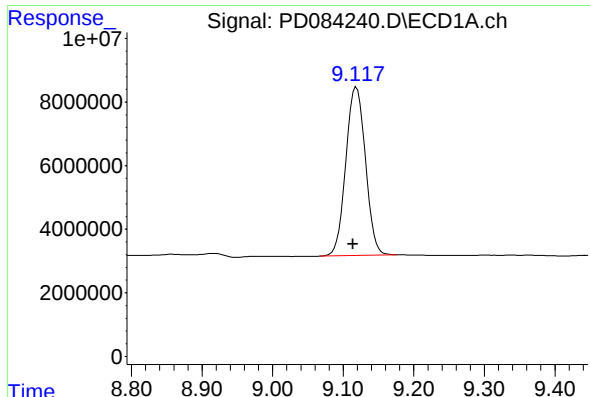
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.004 min
Response: 74445370
Conc: 45.71 ng/ml



#22 Mirex

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 264876316
Conc: 48.88 ng/ml



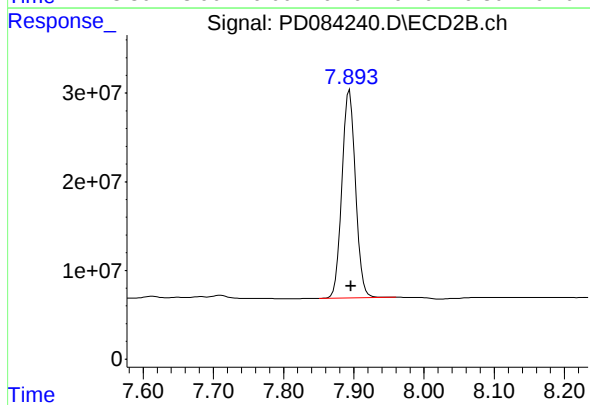
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 102211638
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 08/06/2024



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 314473230
Conc: 48.97 ng/ml