

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052224\
 Data File : PD082941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2024 16:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/22/2024
 Supervised By :Ankita Jodhani 05/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 01:21:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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	2.778	79494578	219.6E6	51.347	55.407
28)	SA Decachlor...	9.119	7.903	96667889	197.0E6	48.408	50.956
Target Compounds							
2)	A alpha-BHC	4.022	3.276	143.1E6	347.4E6	52.226m	55.685
3)	MA gamma-BHC...	4.357	3.604	140.3E6	330.6E6	53.066	55.937
4)	MA Heptachlor	4.949	3.943	131.6E6	303.1E6	52.196	54.765
5)	MB Aldrin	5.292	4.222	133.6E6	311.8E6	51.853	54.717
6)	B beta-BHC	4.552	3.900	55017048	132.1E6	52.531	55.298
7)	B delta-BHC	4.802	4.129	138.9E6	327.2E6	55.897	56.527
8)	B Heptachlo...	5.719	4.722	120.0E6	272.5E6	51.431	54.094
9)	A Endosulfan I	6.106	5.092	109.7E6	247.6E6	50.803	53.684
10)	B gamma-Chl...	5.976	4.972	116.3E6	271.6E6	51.362	54.341
11)	B alpha-Chl...	6.055	5.036	115.1E6	267.4E6	50.860	53.838
12)	B 4,4'-DDE	6.228	5.224	111.5E6	257.4E6	50.958	55.136
13)	MA Dieldrin	6.382	5.356	114.7E6	273.0E6	51.278	54.309
14)	MA Endrin	6.613	5.631	89195509	219.0E6	47.406	50.088
15)	B Endosulfa...	6.833	5.924	96270859	226.9E6	48.253	54.328
16)	A 4,4'-DDD	6.747	5.778	83639985	214.3E6	52.289	56.965
17)	MA 4,4'-DDT	7.062	6.028	81585382	203.4E6	48.330	53.036
18)	B Endrin al...	6.963	6.103	73305465	177.4E6	52.356	56.820
19)	B Endosulfa...	7.198	6.325	88287745	217.4E6	50.037	54.516
20)	A Methoxychlor	7.539	6.602	41441436	104.6E6	45.209	51.465
21)	B Endrin ke...	7.685	6.831	95649476	254.7E6	49.764	56.038
22)	Mirex	8.162	7.012	72608753	187.7E6	47.371	52.550

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052224\
Data File : PD082941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2024 16:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

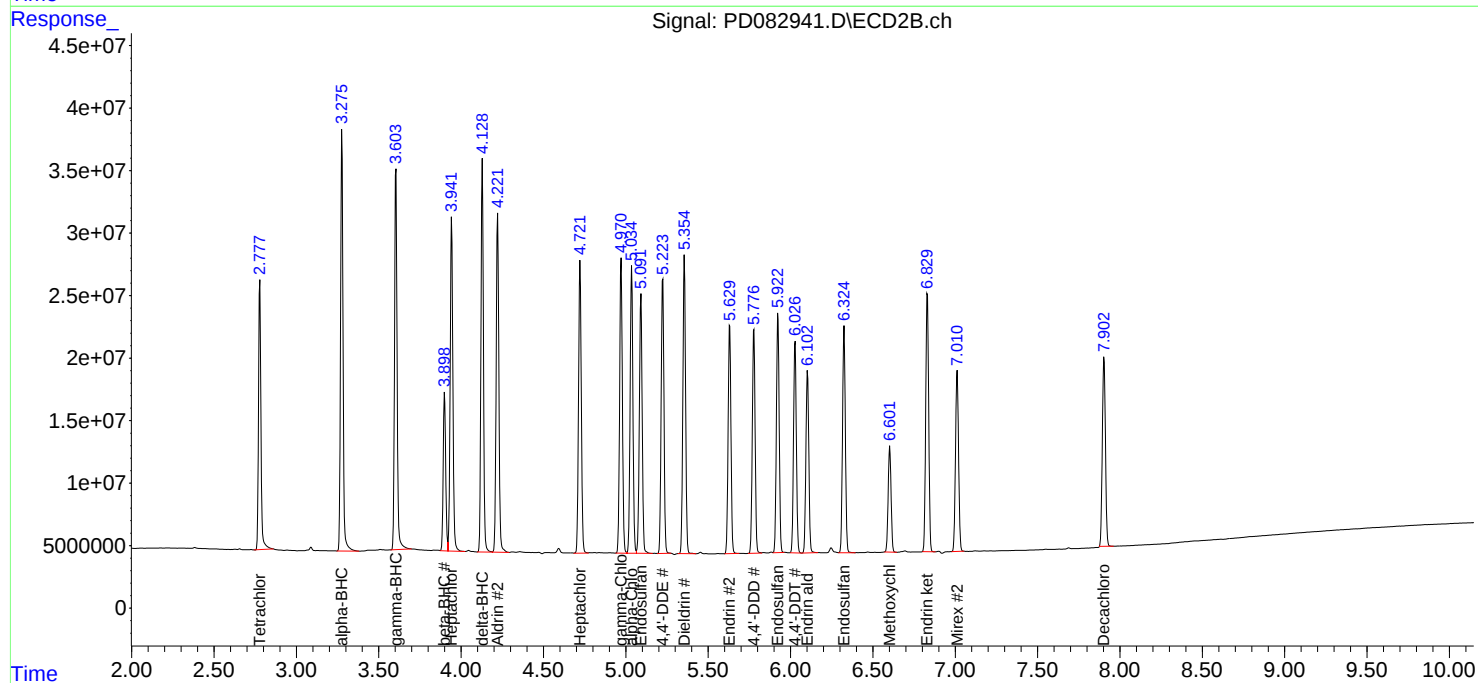
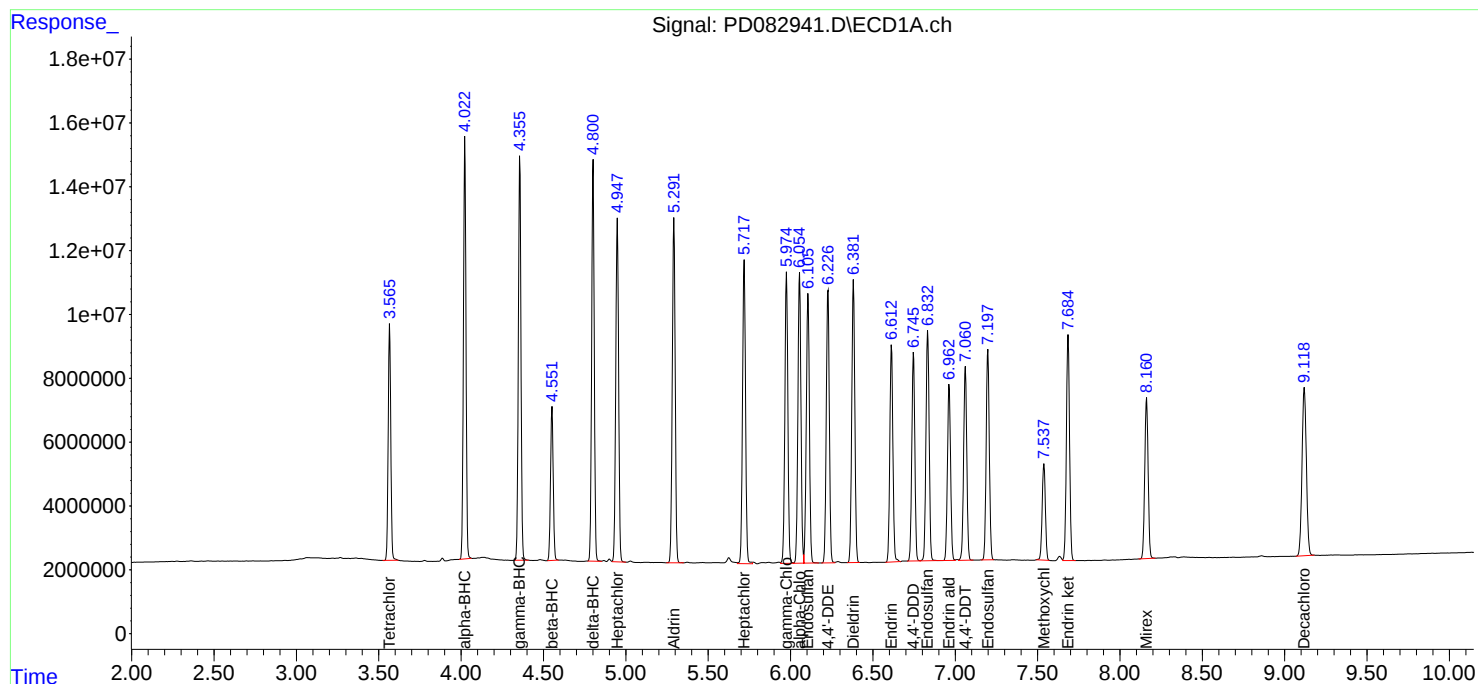
APPROVED

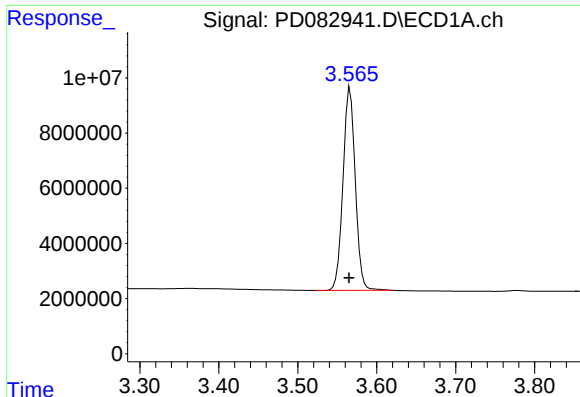
Reviewed By :Abdul Mirza 05/22/2024

Supervised By :Ankita Jodhani 05/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 01:21:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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





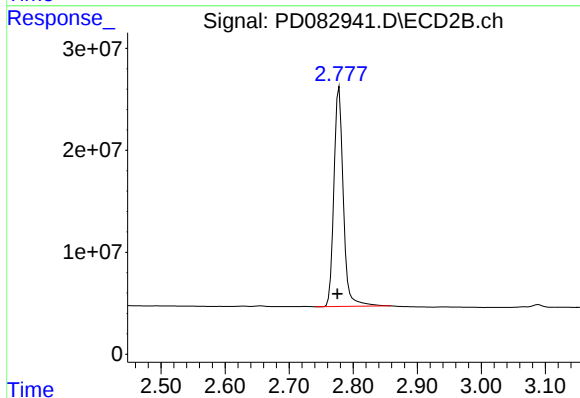
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.001 min
Response: 79494578
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

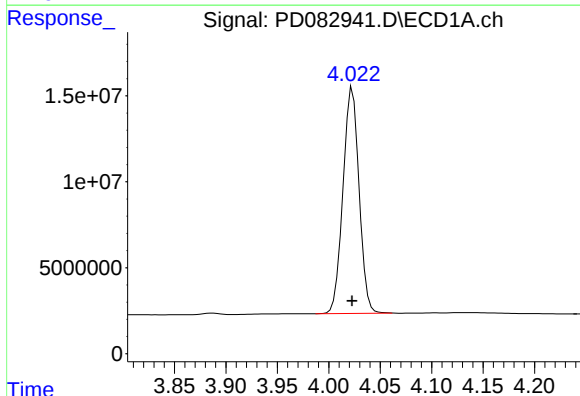
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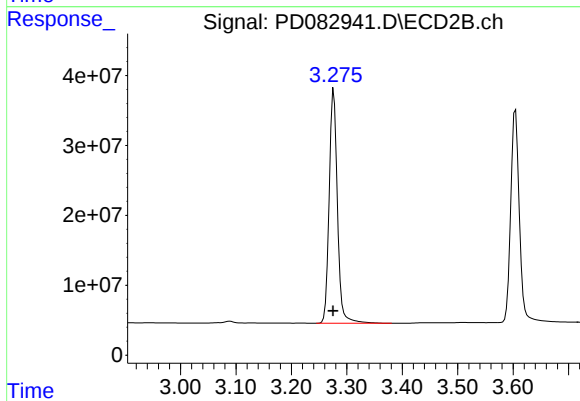
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.003 min
Response: 219590232
Conc: 55.41 ng/ml



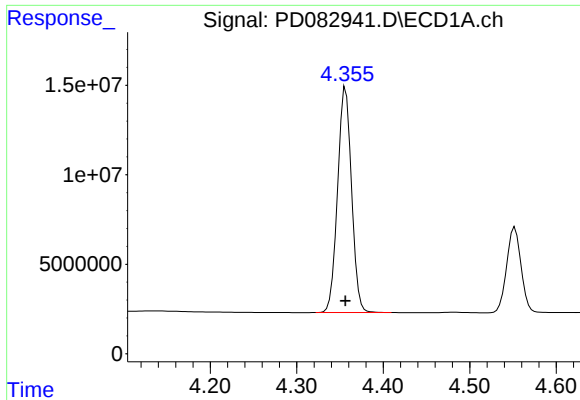
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: -0.001 min
Response: 143055583
Conc: 52.23 ng/ml m



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.001 min
Response: 347365500
Conc: 55.69 ng/ml



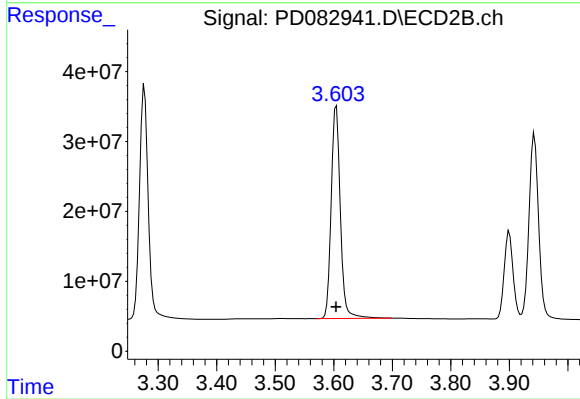
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 140263246
Conc: 53.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

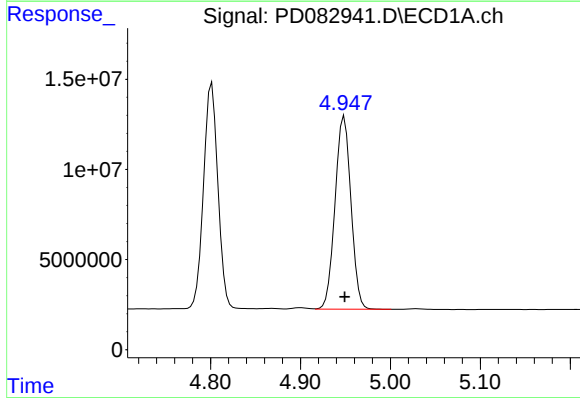
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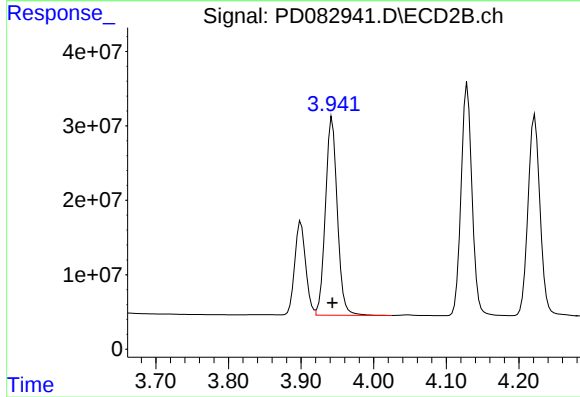
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 330594599
Conc: 55.94 ng/ml



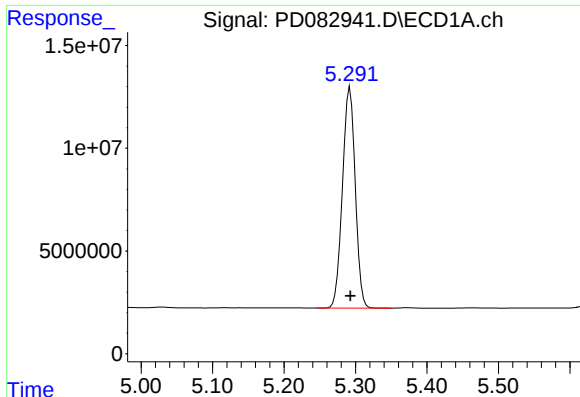
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 131642495
Conc: 52.20 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 303138397
Conc: 54.76 ng/ml



#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 133618511
Conc: 51.85 ng/ml

Instrument :

ECD_D

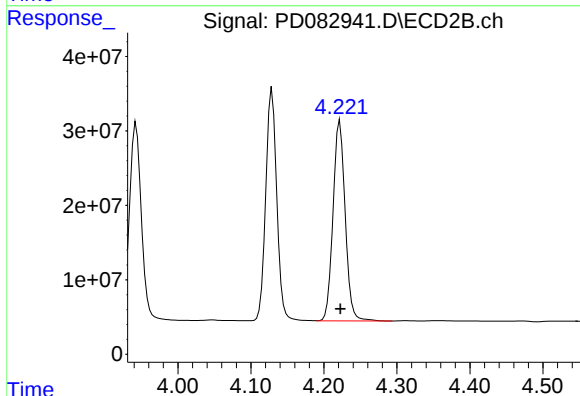
ClientSampleId :

PSTDCCC050

Manual Integrations

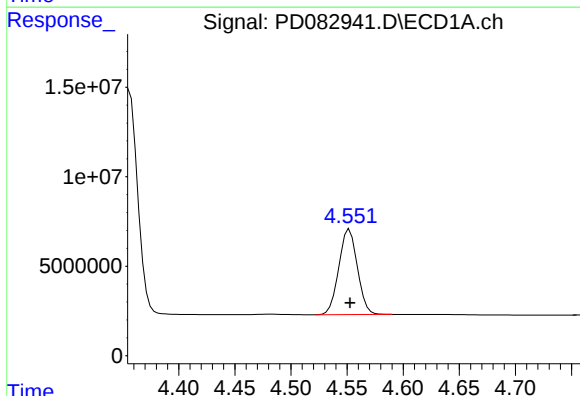
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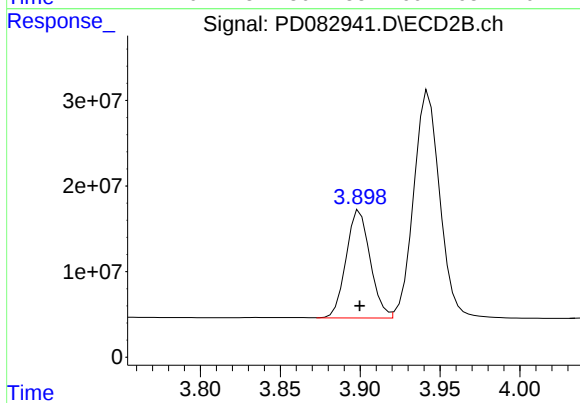
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 311807781
Conc: 54.72 ng/ml



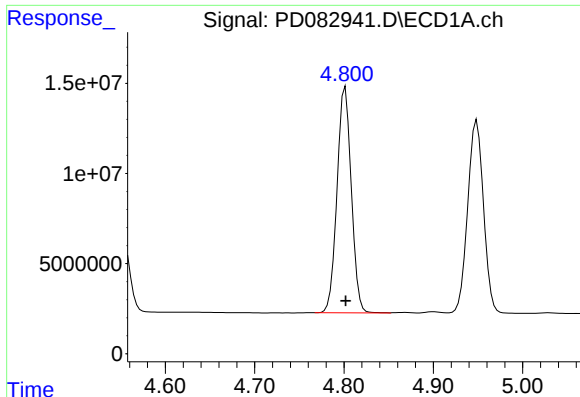
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 55017048
Conc: 52.53 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 132056722
Conc: 55.30 ng/ml



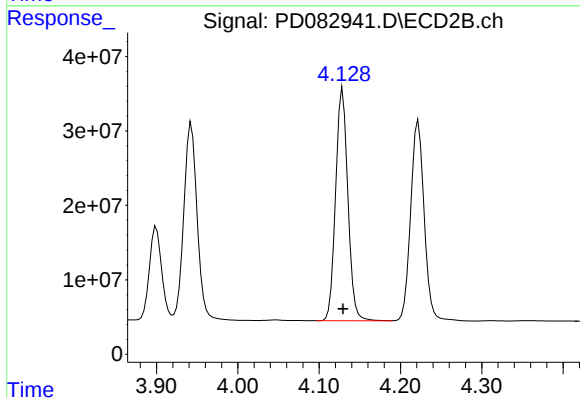
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 138889525
Conc: 55.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

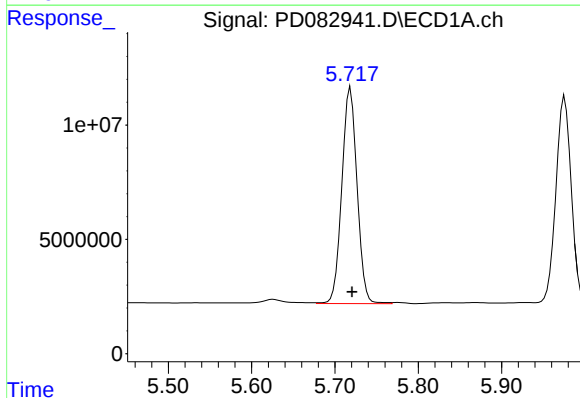
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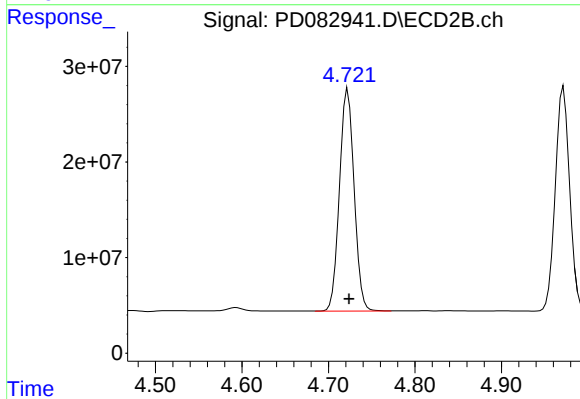
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 327195197
Conc: 56.53 ng/ml



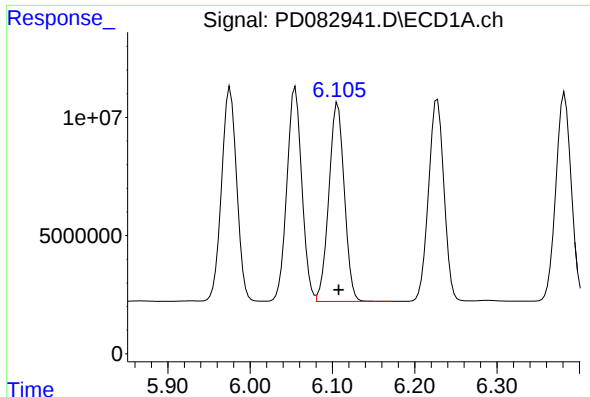
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 119962353
Conc: 51.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 272500508
Conc: 54.09 ng/ml



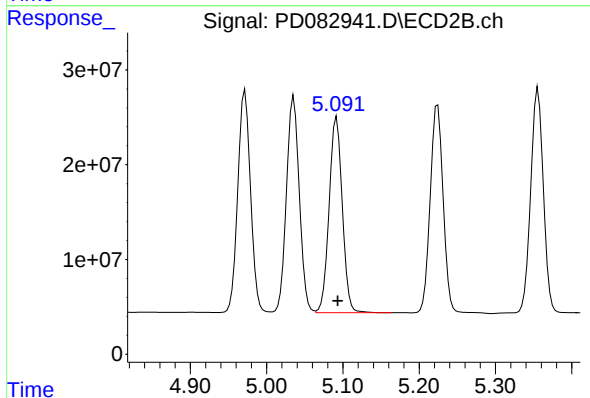
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 109703252
Conc: 50.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

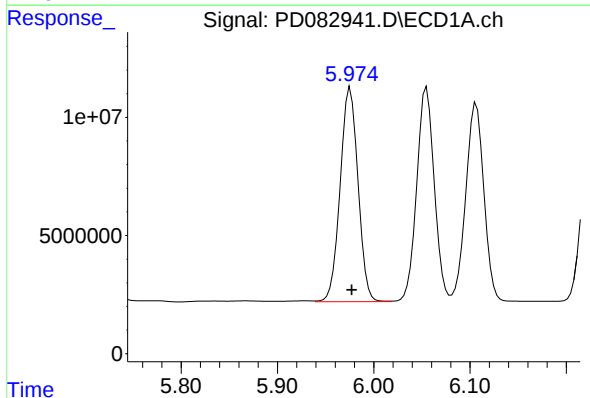
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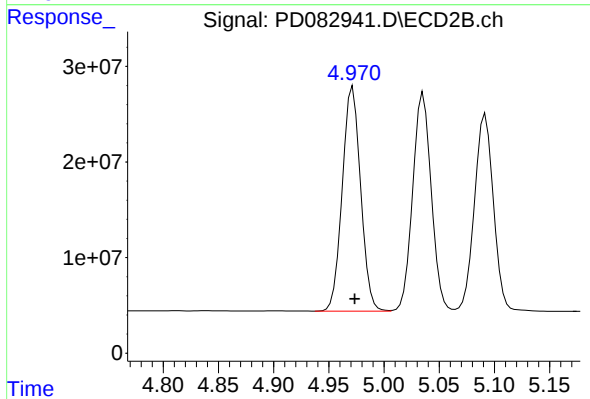
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 247617723
Conc: 53.68 ng/ml



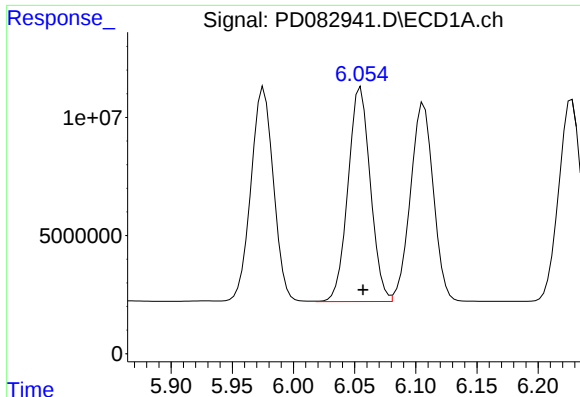
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 116330304
Conc: 51.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 271637996
Conc: 54.34 ng/ml



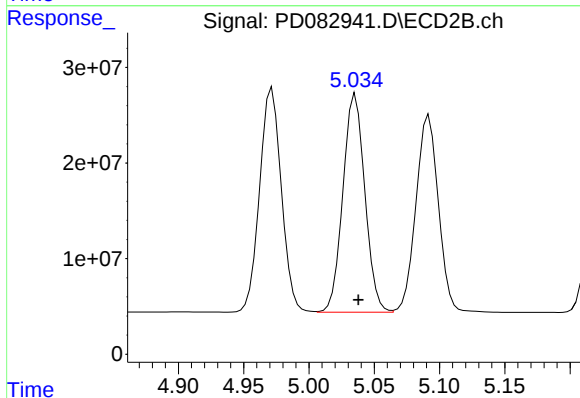
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 115060149
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

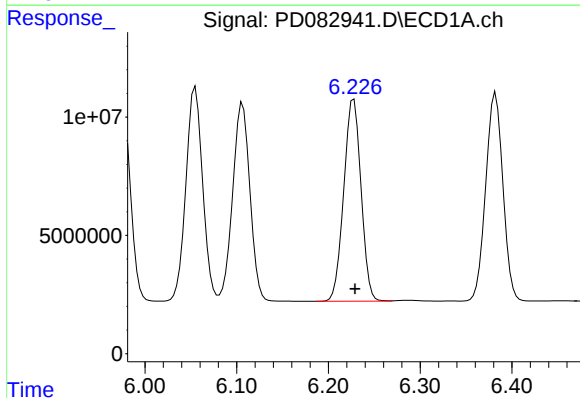
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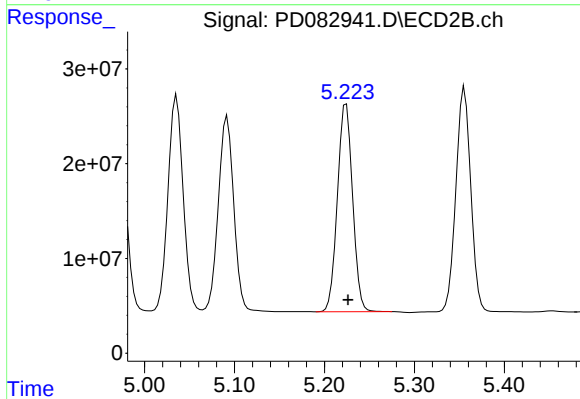
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 267359710
Conc: 53.84 ng/ml



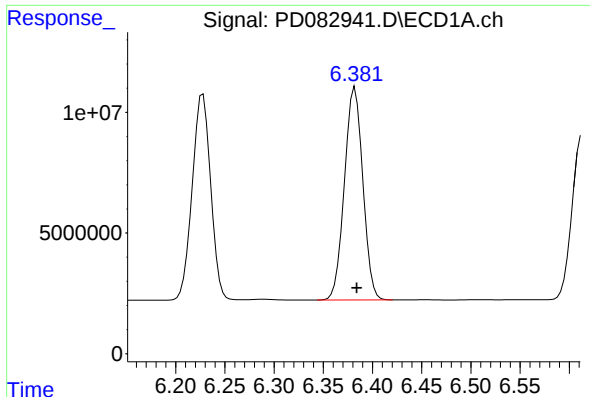
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 111490160
Conc: 50.96 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 257367500
Conc: 55.14 ng/ml



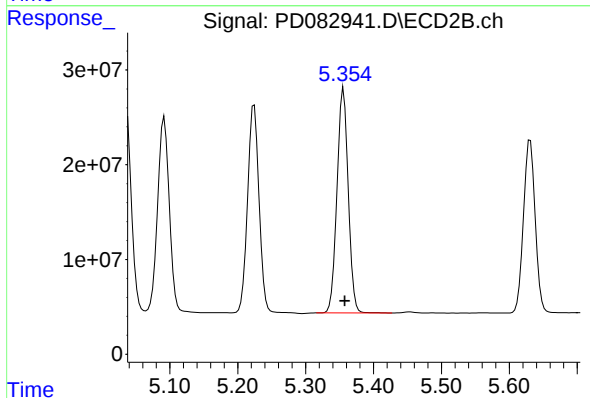
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 114675591
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

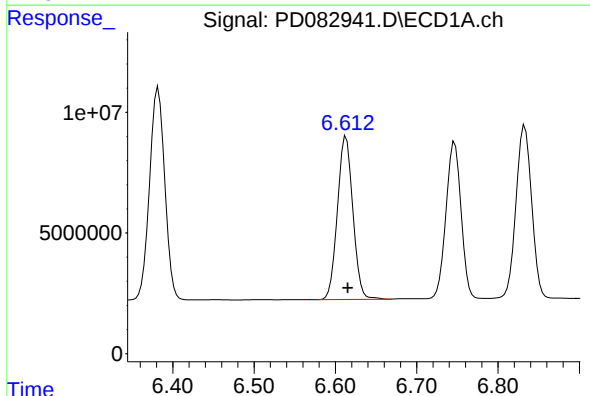
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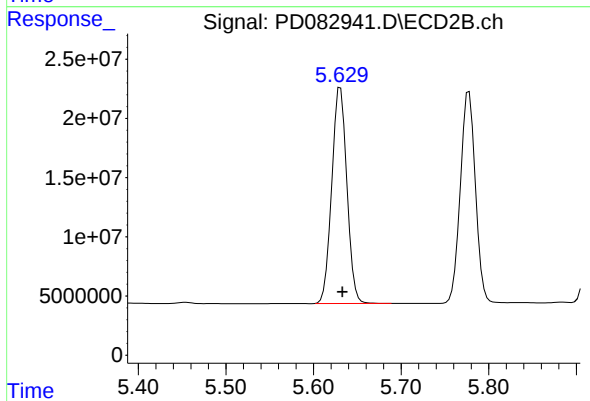
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 272957779
Conc: 54.31 ng/ml



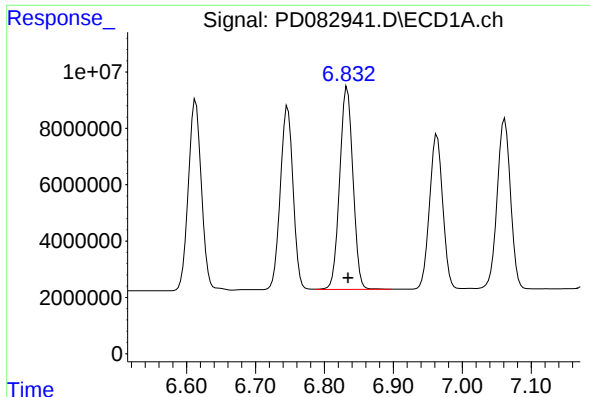
#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 89195509
Conc: 47.41 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 219026528
Conc: 50.09 ng/ml



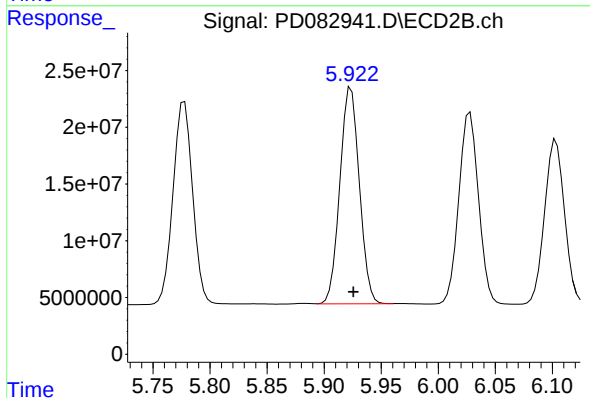
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 96270859
Conc: 48.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

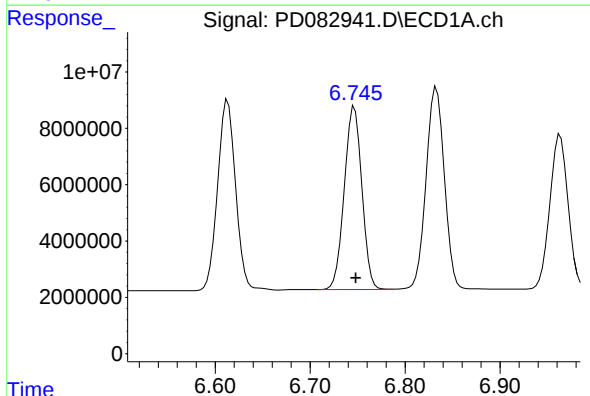
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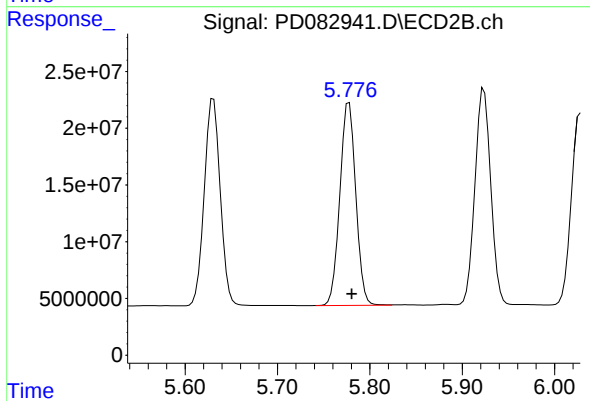
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 226870920
Conc: 54.33 ng/ml



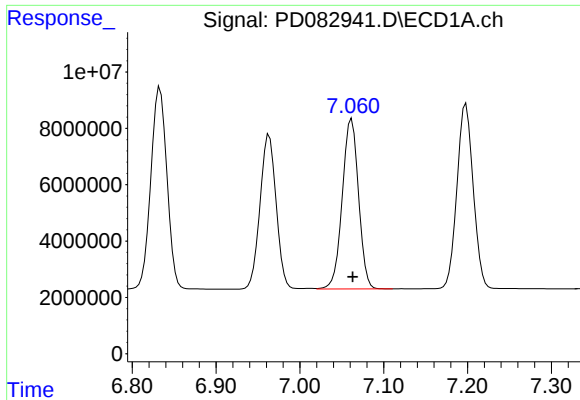
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 83639985
Conc: 52.29 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 214306458
Conc: 56.96 ng/ml



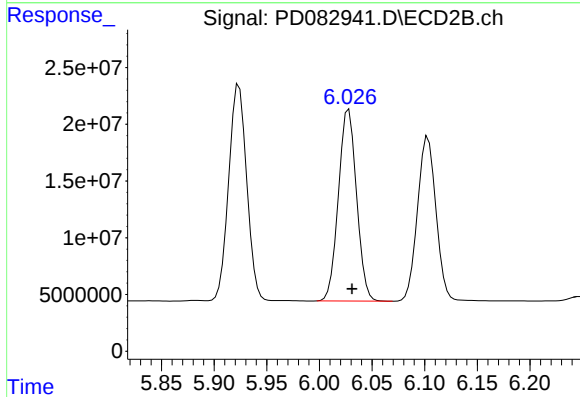
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 81585382
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

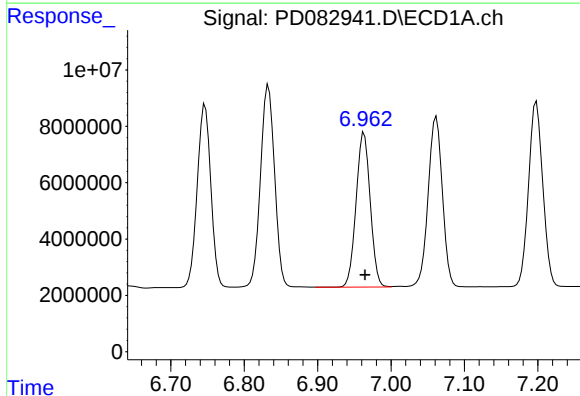
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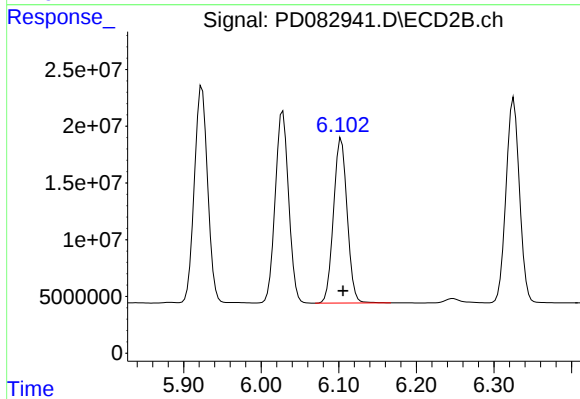
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 203378096
Conc: 53.04 ng/ml



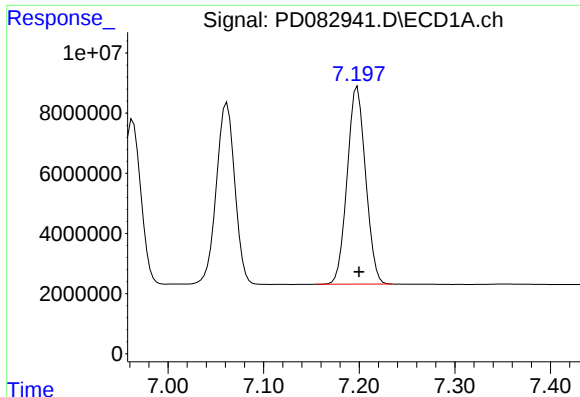
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 73305465
Conc: 52.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 177392404
Conc: 56.82 ng/ml



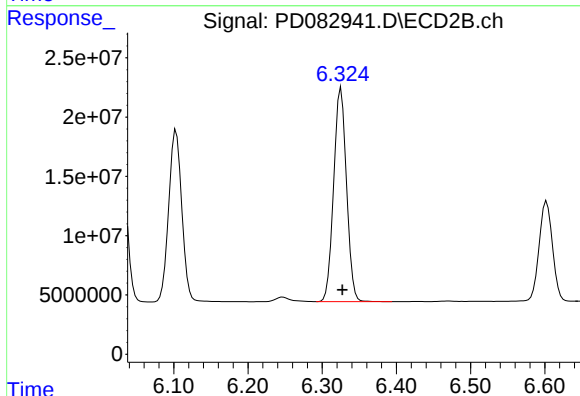
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 88287745
Conc: 50.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

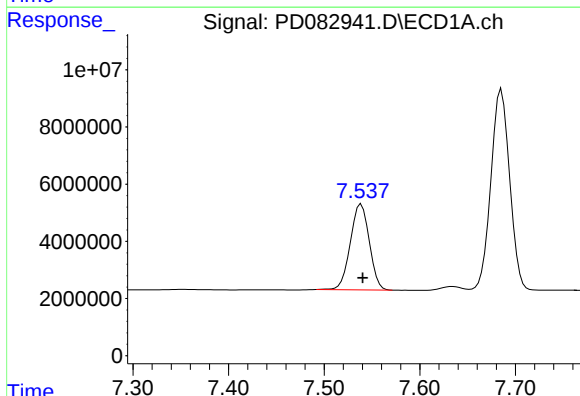
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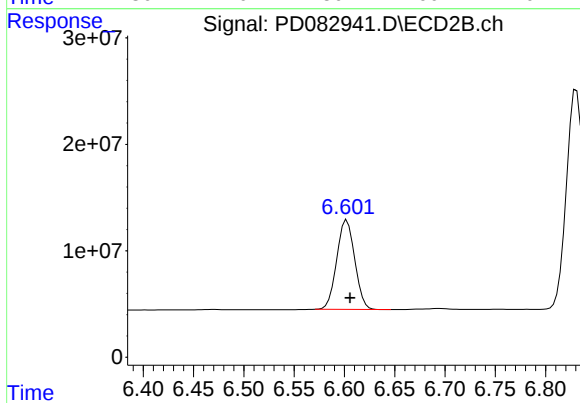
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 217372047
Conc: 54.52 ng/ml



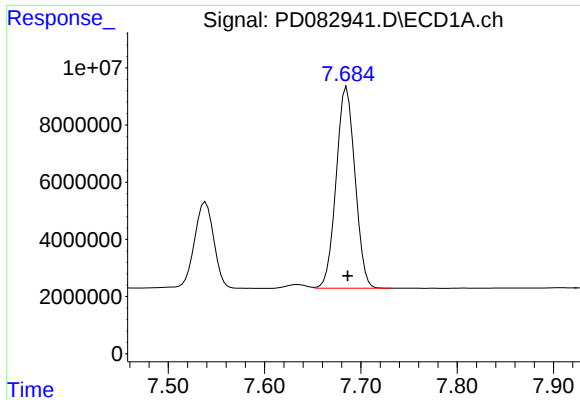
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: -0.001 min
Response: 41441436
Conc: 45.21 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.003 min
Response: 104574241
Conc: 51.47 ng/ml



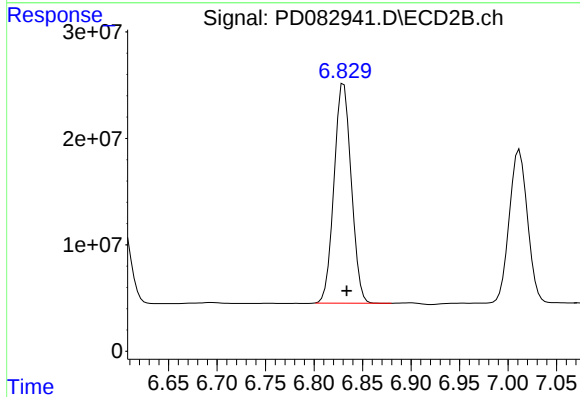
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: -0.001 min
Response: 95649476
Conc: 49.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

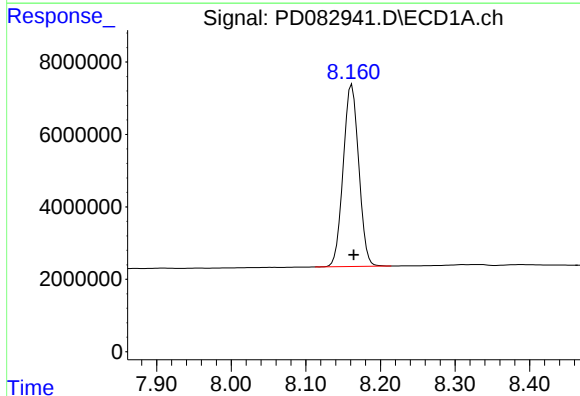
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/22/2024
Supervised By :Ankita Jodhani 05/22/2024



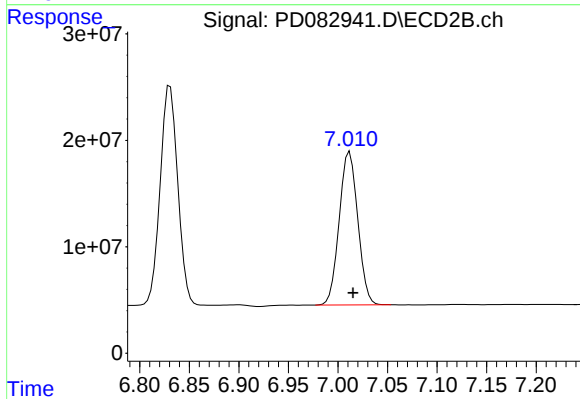
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 254744290
Conc: 56.04 ng/ml



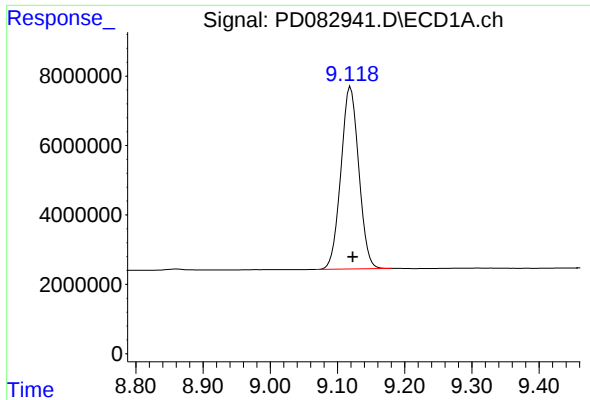
#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 72608753
Conc: 47.37 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 187747320
Conc: 52.55 ng/ml



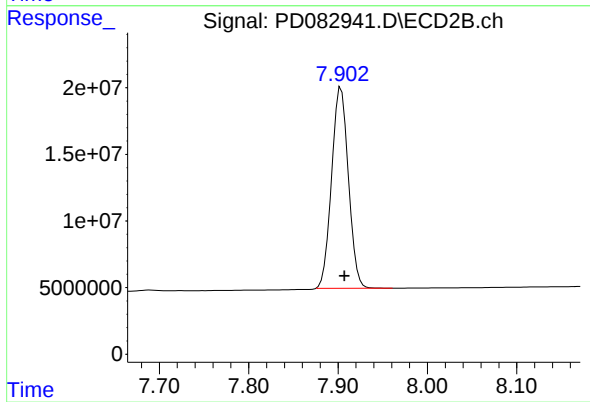
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: -0.003 min
Response: 96667889
Conc: 48.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/22/2024



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 196963049
Conc: 50.96 ng/ml