

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041324\
 Data File : PD082417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2024 15:34
 Operator : AR\AJ
 Sample : PB160165BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB160165BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/15/2024
 Supervised By :Ankita Jodhani 04/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 15:49:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041324.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 12 14:27:32 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...	3.565	2.777	29284295	64491068	18.087	16.139
28)	SA Decachlor...	9.124	7.913	38200979	60245632	17.790	17.356
Target Compounds							
2)	A alpha-BHC	4.023	3.277	125.7E6	250.8E6	44.020	42.382
3)	MA gamma-BHC...	4.357	3.606	120.0E6	233.4E6	43.315	42.121
4)	MA Heptachlor	4.951	3.946	120.3E6	227.8E6	44.515	44.425
5)	MB Aldrin	5.295	4.224	115.5E6	220.1E6	42.589	41.050m
6)	B beta-BHC	4.553	3.902	48504469	95122182	44.032	42.844
7)	B delta-BHC	4.803	4.130	116.7E6	222.5E6	42.997	41.423m
8)	B Heptachlo...	5.720	4.725	117.4E6	200.7E6	48.072m	43.189m
9)	A Endosulfan I	6.109	5.096	103.7E6	167.9E6	45.320	39.783
10)	B gamma-Chl...	5.977	4.977	107.1E6	204.2E6	44.307m	44.830
11)	B alpha-Chl...	6.057	5.041	106.5E6	200.6E6	44.510m	44.232
12)	B 4,4'-DDE	6.230	5.230	99891405	187.2E6	43.357	44.376
13)	MA Dieldrin	6.385	5.360	105.6E6	204.2E6	44.025	44.464m
14)	MA Endrin	6.616	5.636	89512707	207.8E6	44.588	52.119
15)	B Endosulfa...	6.835	5.930	93194922	170.6E6	43.108	44.889
16)	A 4,4'-DDD	6.748	5.784	78087261	153.3E6	44.556	44.662
17)	MA 4,4'-DDT	7.064	6.035	86846526	160.7E6	45.824	45.803
18)	B Endrin al...	6.966	6.109	70389046	129.5E6	44.904	45.242
19)	B Endosulfa...	7.201	6.332	86194859	164.8E6	44.421	45.536
20)	A Methoxychlor	7.539	6.610	57779452	85105631	55.035m	44.772
21)	B Endrin ke...	7.689	6.837	93137699	175.0E6	43.875	41.912m
22)	Mirex	8.165	7.020	75695080	146.6E6	45.970	45.503

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041324\
Data File : PD082417.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2024 15:34
Operator : AR\AJ
Sample : PB160165BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

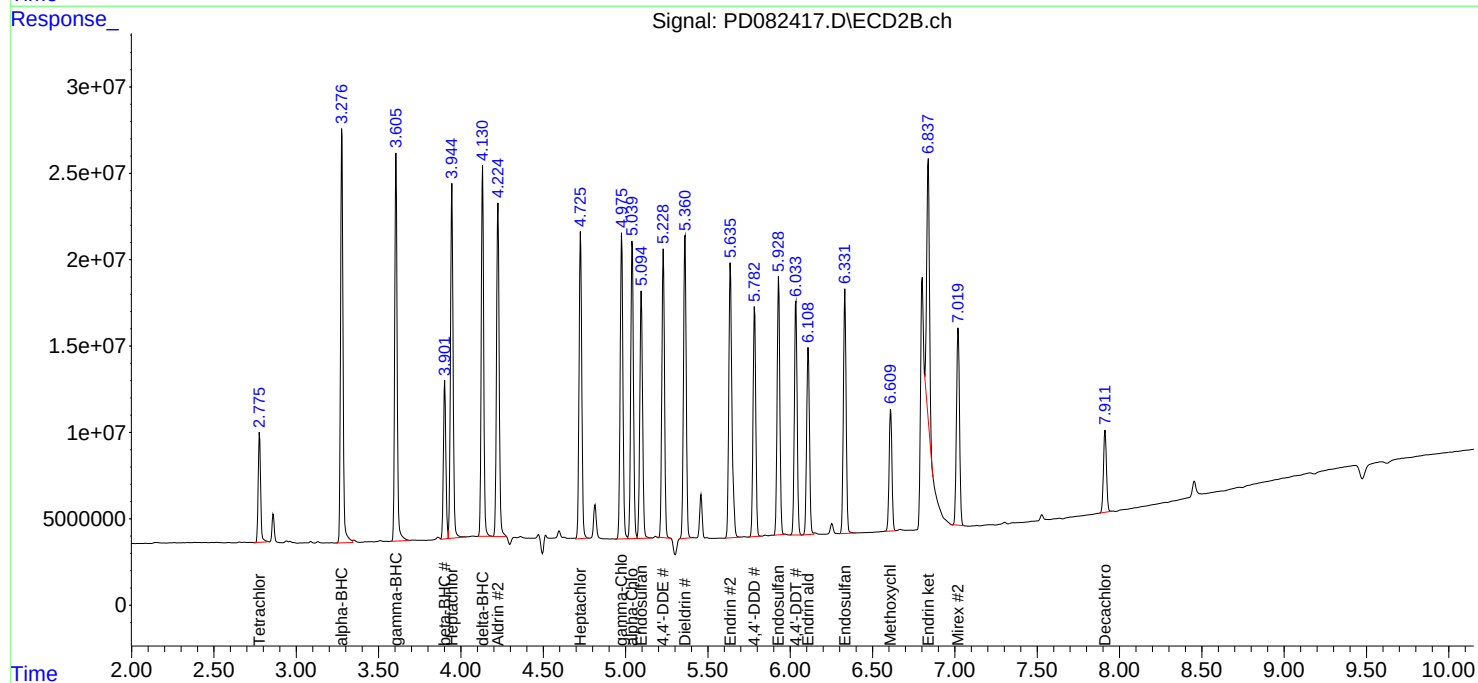
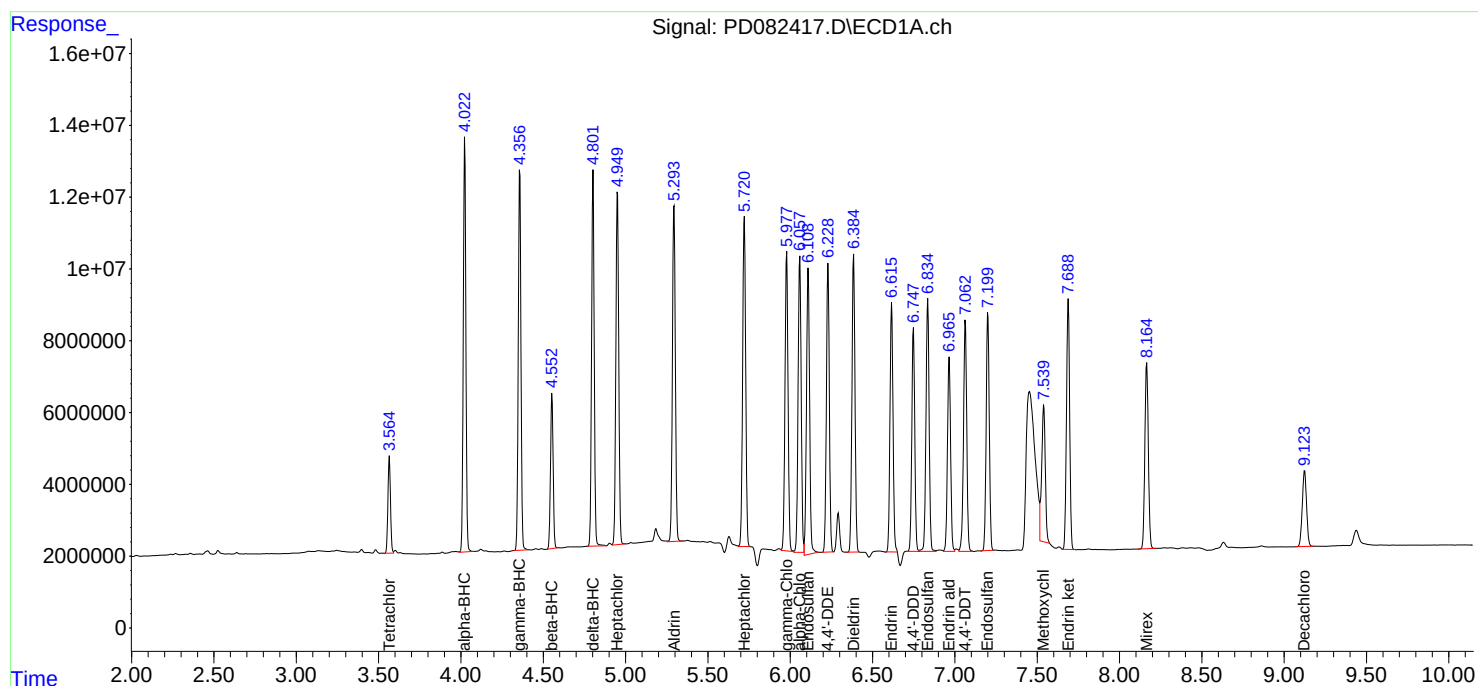
Instrument :
ECD_D
ClientSampleId :
PB160165BS

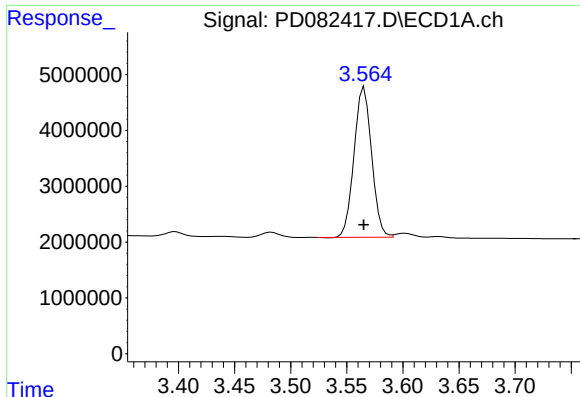
Manual Integrations
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Supervised By :Ankita Jodhani 04/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 15:49:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041324.M
Quant Title : GC Extractables
QLast Update : Fri Apr 12 14:27:32 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





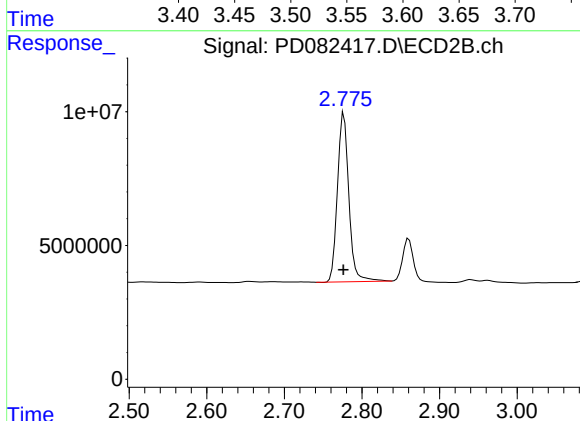
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29284295
Conc: 18.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

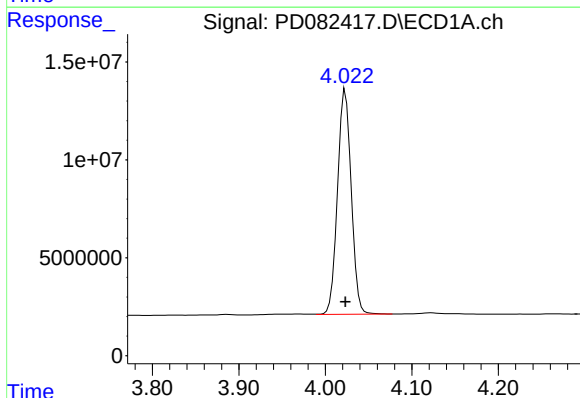
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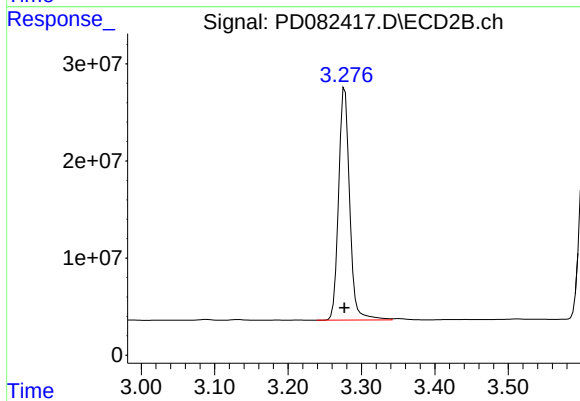
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 64491068
Conc: 16.14 ng/ml



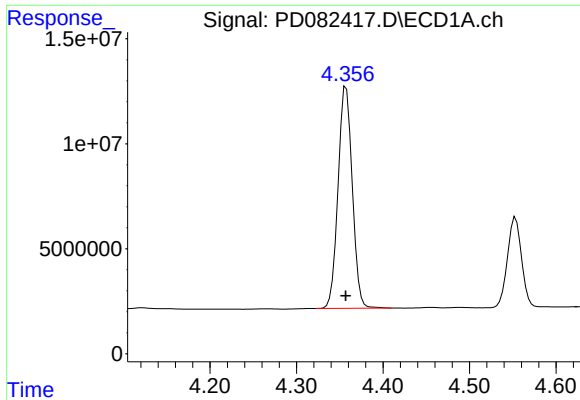
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 125713233
Conc: 44.02 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 250821268
Conc: 42.38 ng/ml



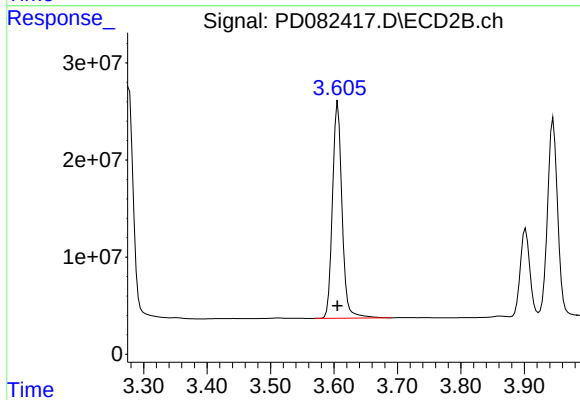
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 120013739
Conc: 43.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

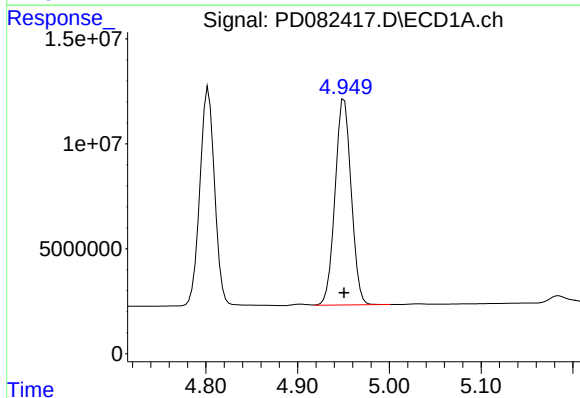
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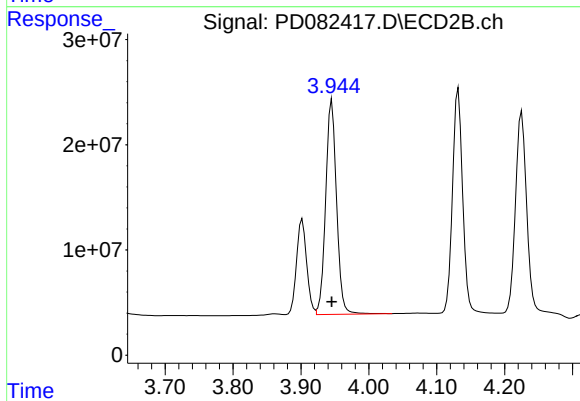
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 233389641
Conc: 42.12 ng/ml



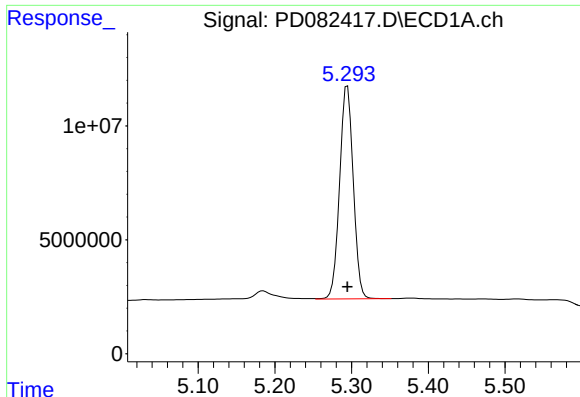
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 120317336
Conc: 44.52 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 227842430
Conc: 44.43 ng/ml



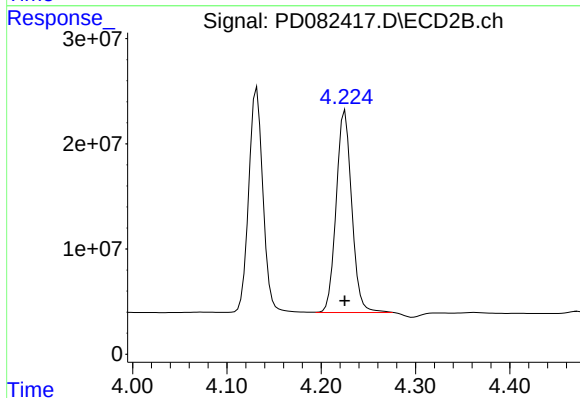
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 115545425
Conc: 42.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

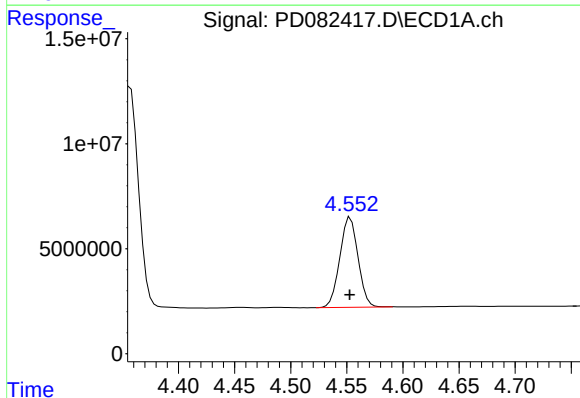
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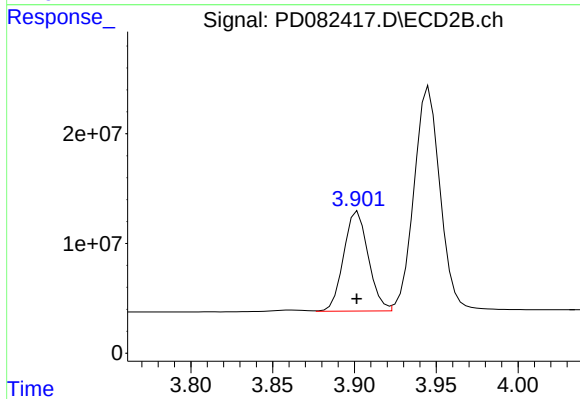
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 220095679
Conc: 41.05 ng/ml m



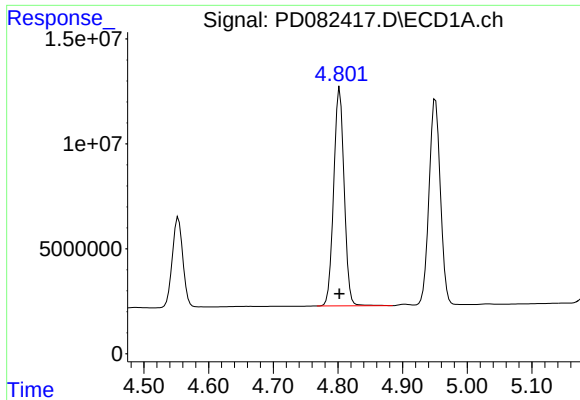
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 48504469
Conc: 44.03 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 95122182
Conc: 42.84 ng/ml



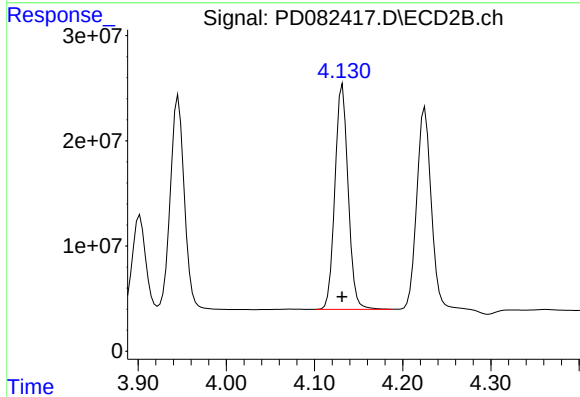
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 116683184
Conc: 43.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

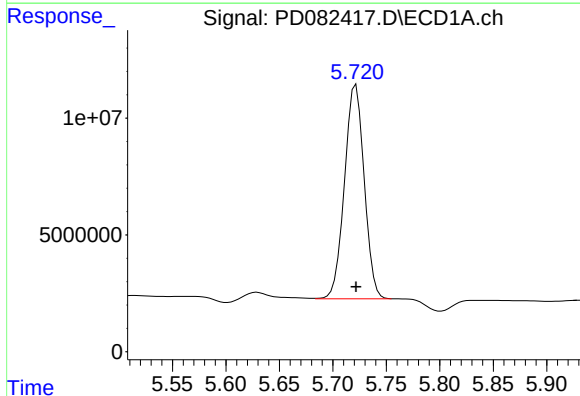
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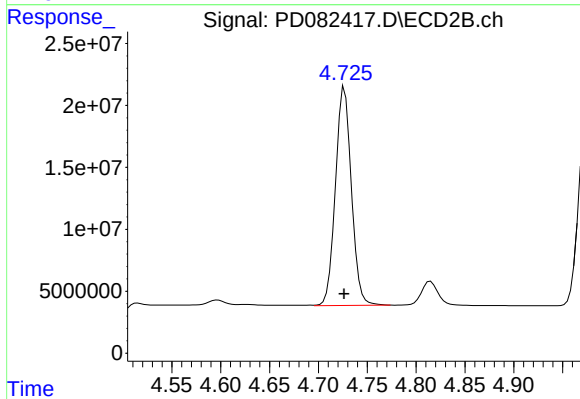
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 222459028
Conc: 41.42 ng/ml m



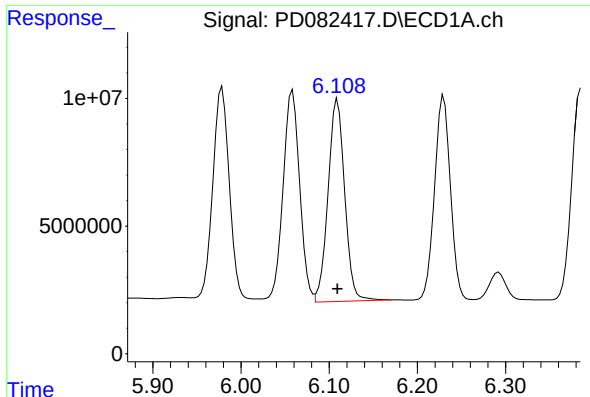
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 117434774
Conc: 48.07 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 200674903
Conc: 43.19 ng/ml m



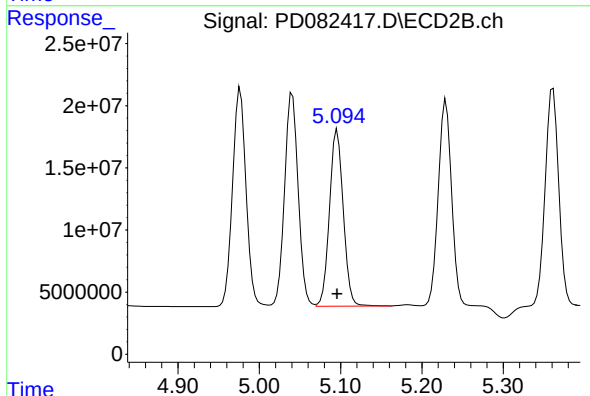
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 103658402
Conc: 45.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

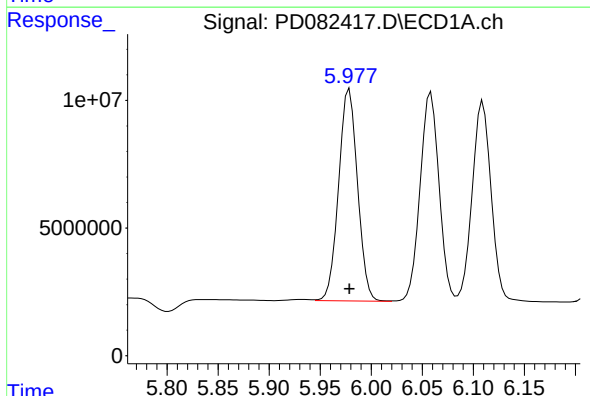
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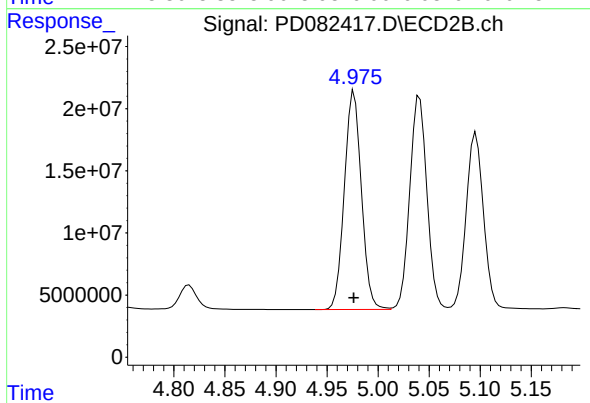
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 167856862
Conc: 39.78 ng/ml



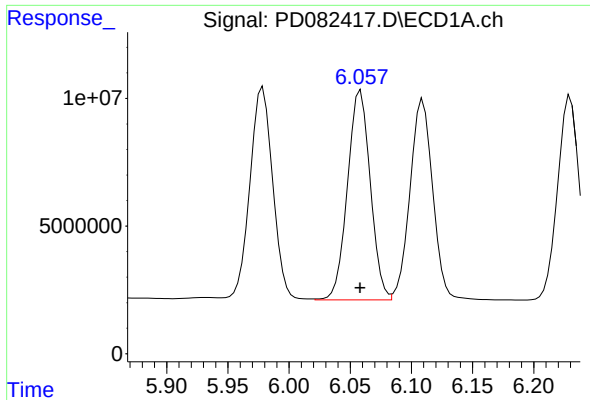
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: -0.001 min
Response: 107105797
Conc: 44.31 ng/ml m



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 204215452
Conc: 44.83 ng/ml



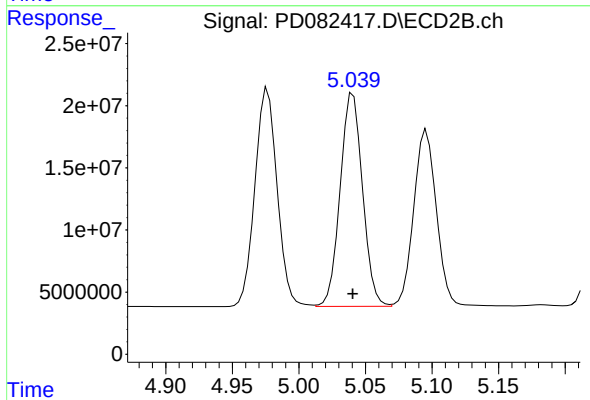
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 106506656
Conc: 44.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

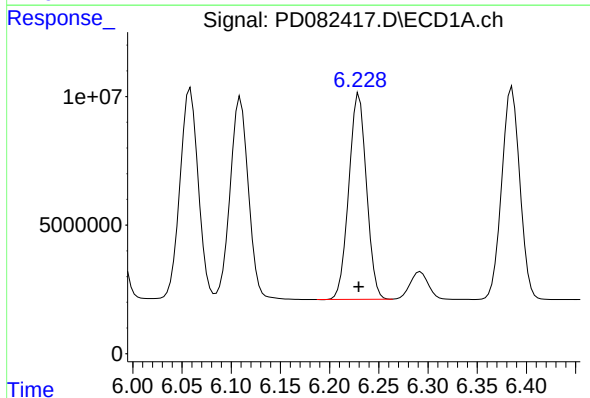
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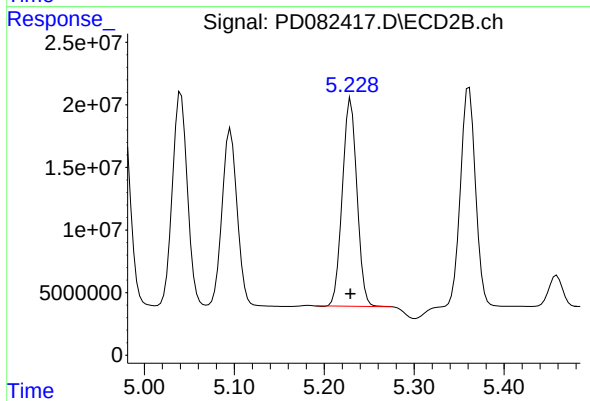
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 200562929
Conc: 44.23 ng/ml



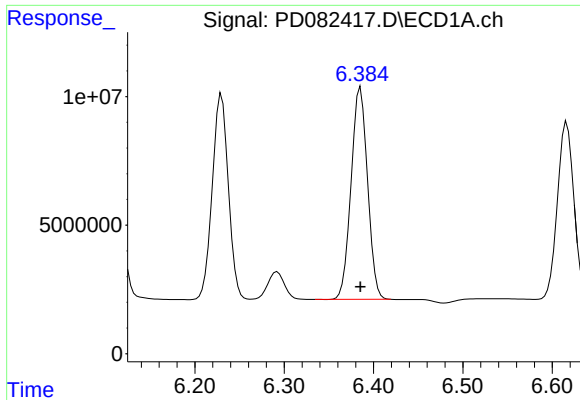
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 99891405
Conc: 43.36 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 187176340
Conc: 44.38 ng/ml



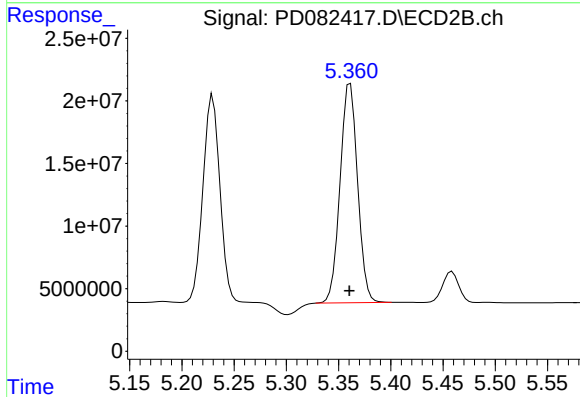
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 105636143
Conc: 44.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

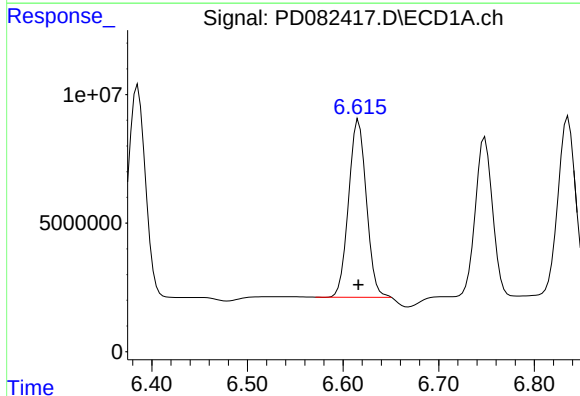
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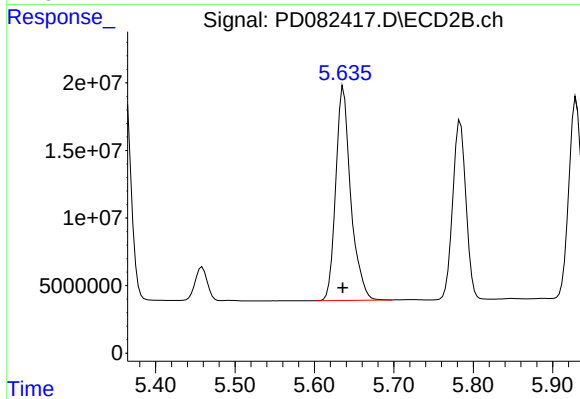
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 204242486
Conc: 44.46 ng/ml m



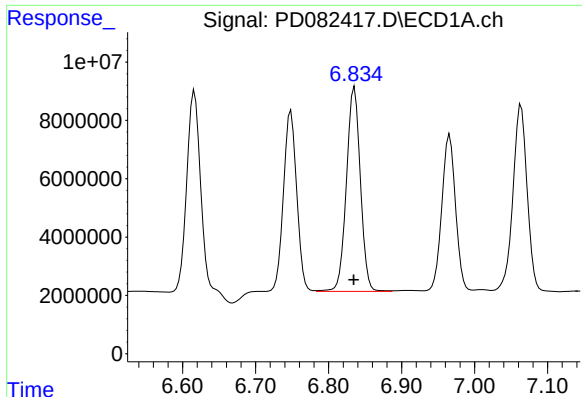
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 89512707
Conc: 44.59 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 207841024
Conc: 52.12 ng/ml



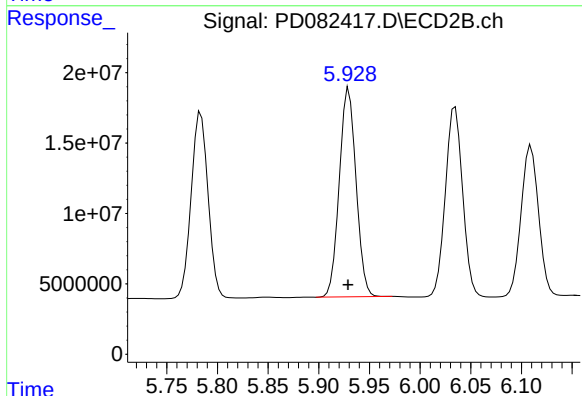
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.001 min
Response: 93194922
Conc: 43.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

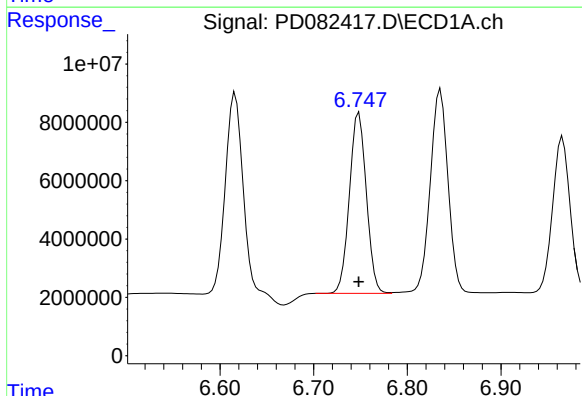
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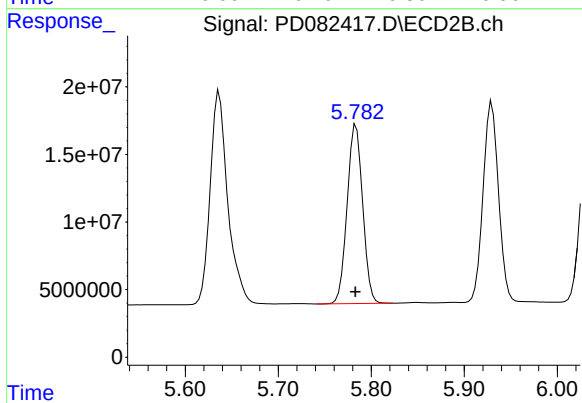
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 170579141
Conc: 44.89 ng/ml



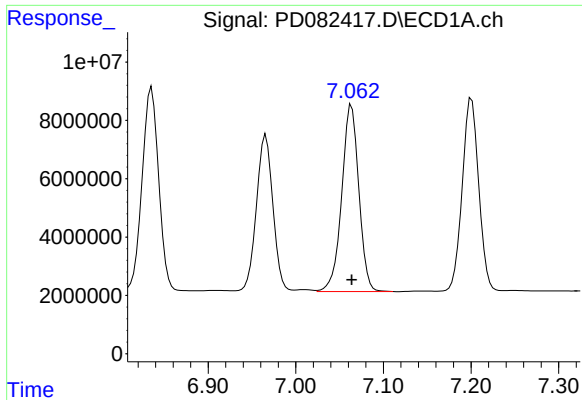
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 78087261
Conc: 44.56 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 153336741
Conc: 44.66 ng/ml



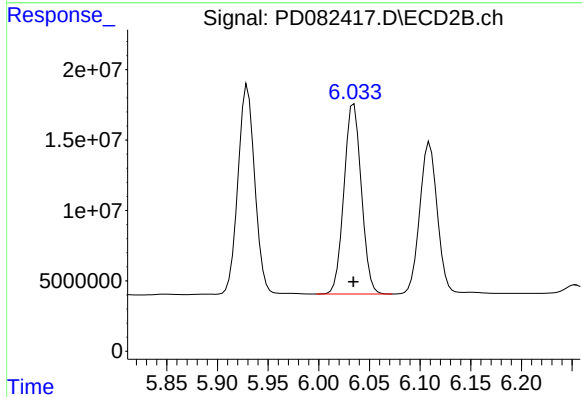
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 86846526
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

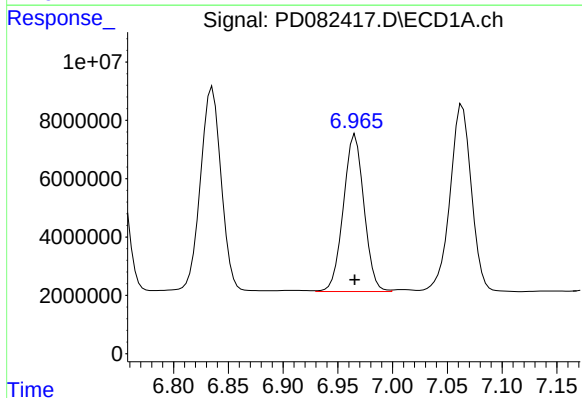
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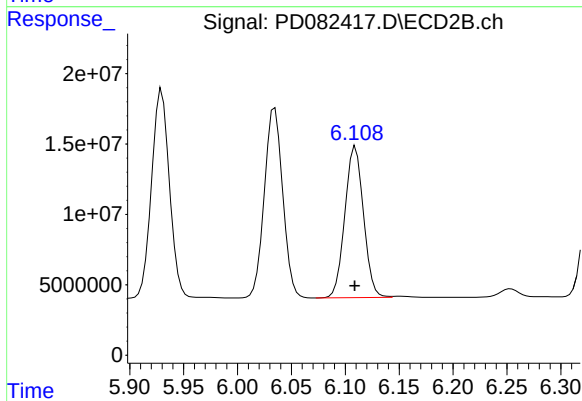
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 160687799
Conc: 45.80 ng/ml



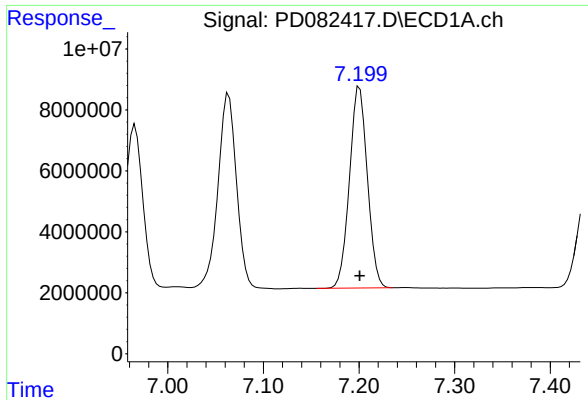
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 70389046
Conc: 44.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 129468142
Conc: 45.24 ng/ml



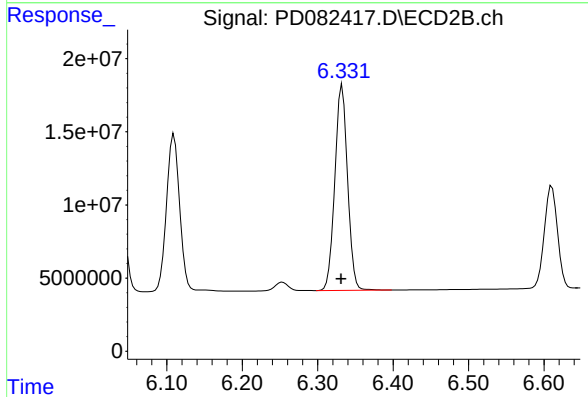
#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 86194859
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

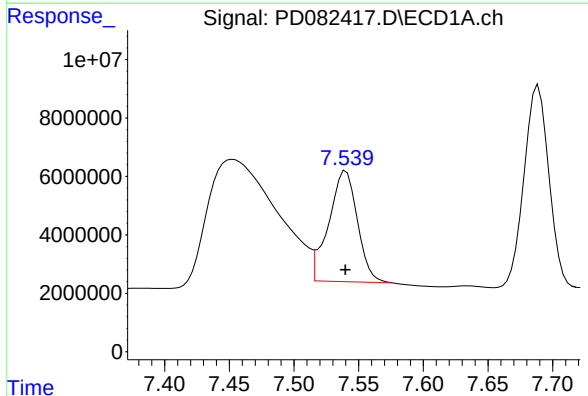
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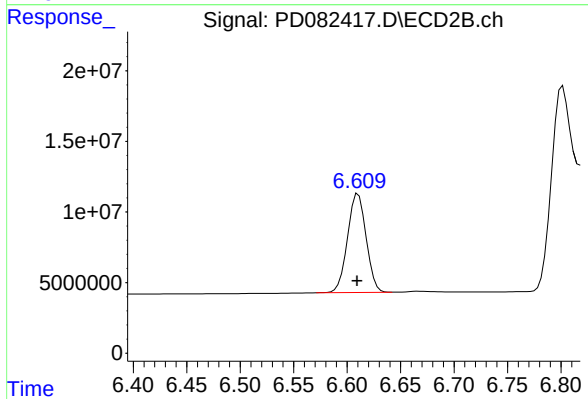
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.001 min
Response: 164798088
Conc: 45.54 ng/ml



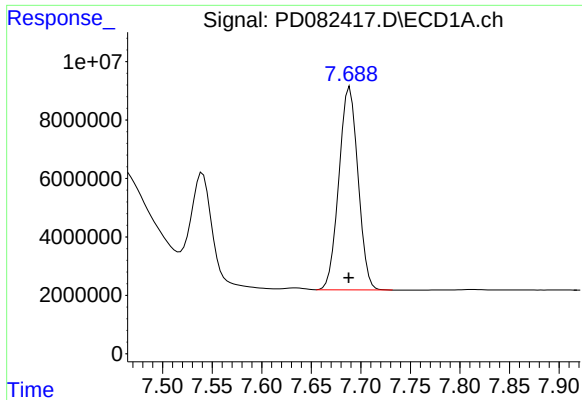
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 57779452
Conc: 55.03 ng/ml m



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.001 min
Response: 85105631
Conc: 44.77 ng/ml



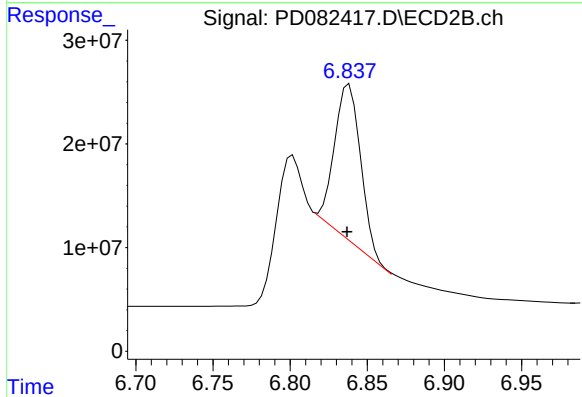
#21 Endrin ketone

R.T.: 7.689 min
Delta R.T.: 0.001 min
Response: 93137699
Conc: 43.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160165BS

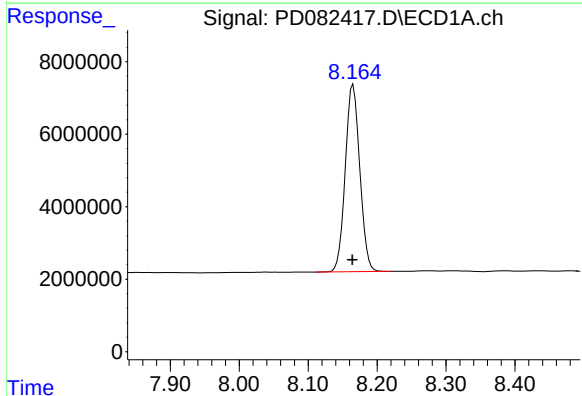
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APPROVED

Reviewed By :Abdul Mirza 04/15/2024
Supervised By :Ankita Jodhani 04/15/2024



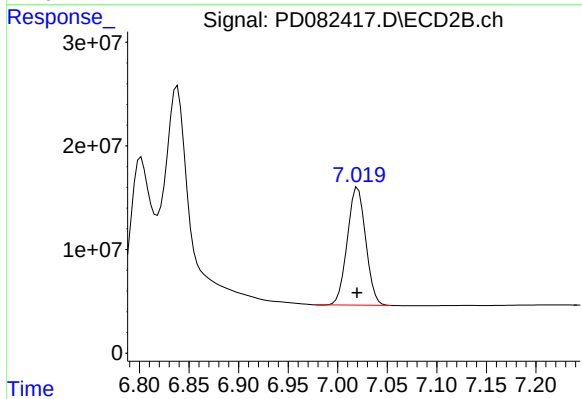
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 175049007
Conc: 41.91 ng/ml m



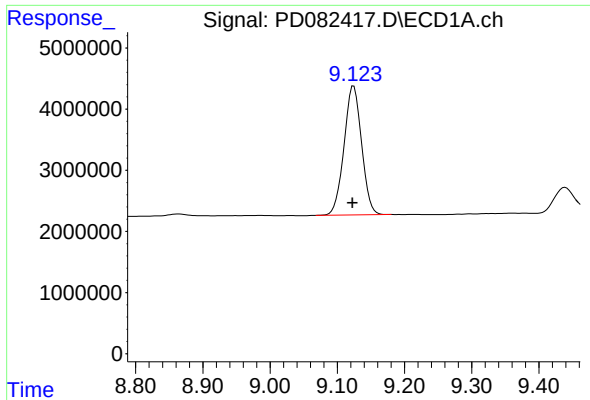
#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.001 min
Response: 75695080
Conc: 45.97 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 146642965
Conc: 45.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.002 min
Response: 38200979
Conc: 17.79 ng/ml

Instrument :

ECD_D

ClientSampleId :

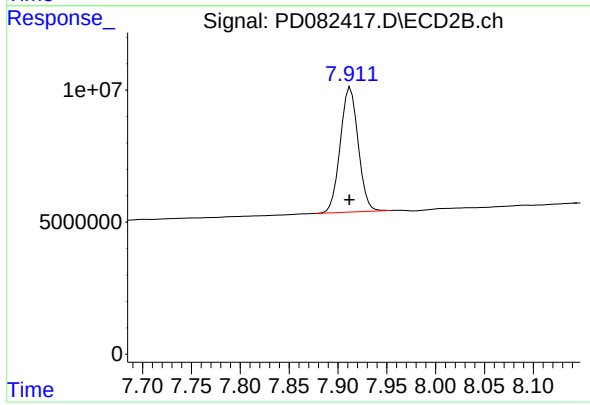
PB160165BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 60245632
Conc: 17.36 ng/ml