

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 12:11
 Operator : AR\AJ
 Sample : PB156870BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156870BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:14:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.574	2.800	23839156	36388298	14.765	15.717
28)	SA Decachlor...	9.121	7.950	31490222	45924333	15.698	18.841
Target Compounds							
2)	A alpha-BHC	4.031	3.304	21222325	30793582	7.972	8.881
3)	MA gamma-BHC...	4.365	3.634	20470555	30458419	7.877	8.969
4)	MA Heptachlor	4.958	3.977	23628131	30802498	8.833	10.086
5)	MB Aldrin	5.302	4.256	21389079	29789182	8.301	9.106m
6)	B beta-BHC	4.558	3.929	10160470	14497198	9.482	10.288
7)	B delta-BHC	4.806	4.160	21449694	32291878	8.012m	9.644
8)	B Heptachlo...	5.726	4.760	21764539	28339450	9.286m	9.559
9)	A Endosulfan I	6.114	5.129	18567482	24208562	8.565m	9.143m
10)	B gamma-Chl...	5.982	5.009	20215451	27456522	8.817m	9.569m
11)	B alpha-Chl...	6.064	5.076	20614392	26965398	9.041	9.396
12)	B 4,4'-DDE	6.234	5.264	17227166	24899294	8.153	9.352
13)	MA Dieldrin	6.389	5.396	18768173	27266001	8.059m	9.181
14)	MA Endrin	6.620	5.671	15241654	25041262	7.826	9.785 #
15)	B Endosulfa...	6.836	5.963	15837160	23158041	7.765m	9.276
16)	A 4,4'-DDD	6.750	5.818	14273585	22293809	8.120m	9.760
17)	MA 4,4'-DDT	7.066	6.070	14613388	20749638	7.717	9.063
18)	B Endrin al...	6.966	6.143	11177510	16947707	7.238m	9.115 #
19)	B Endosulfa...	7.202	6.365	16412499	23562707	8.255	10.092
20)	A Methoxychlor	7.540	6.645	8443925	12642903	7.706	9.312
21)	B Endrin ke...	7.688	6.872	19102150	25044099	8.762	8.958
22)	Mirex	8.164	7.057	18579208	26501958	10.976	12.405

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
Data File : PD079409.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Nov 2023 12:11
Operator : AR\AJ
Sample : PB156870BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

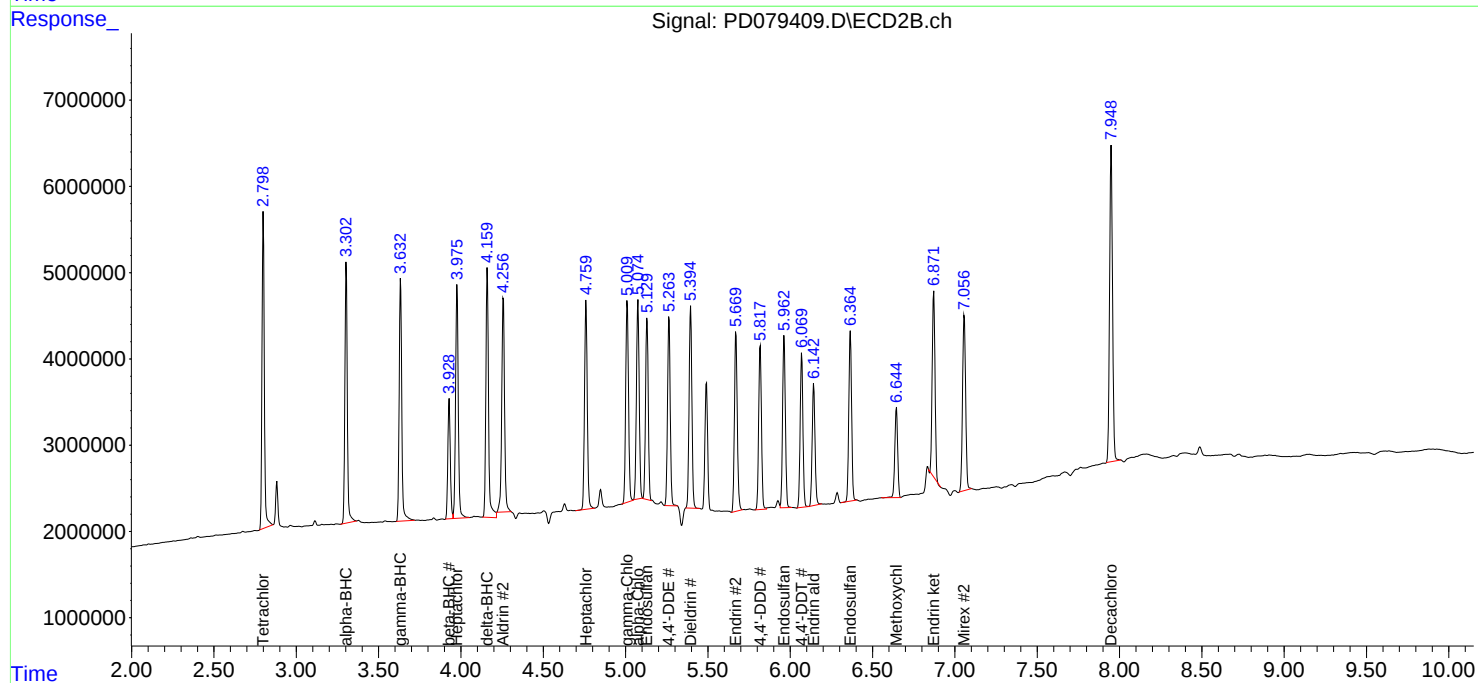
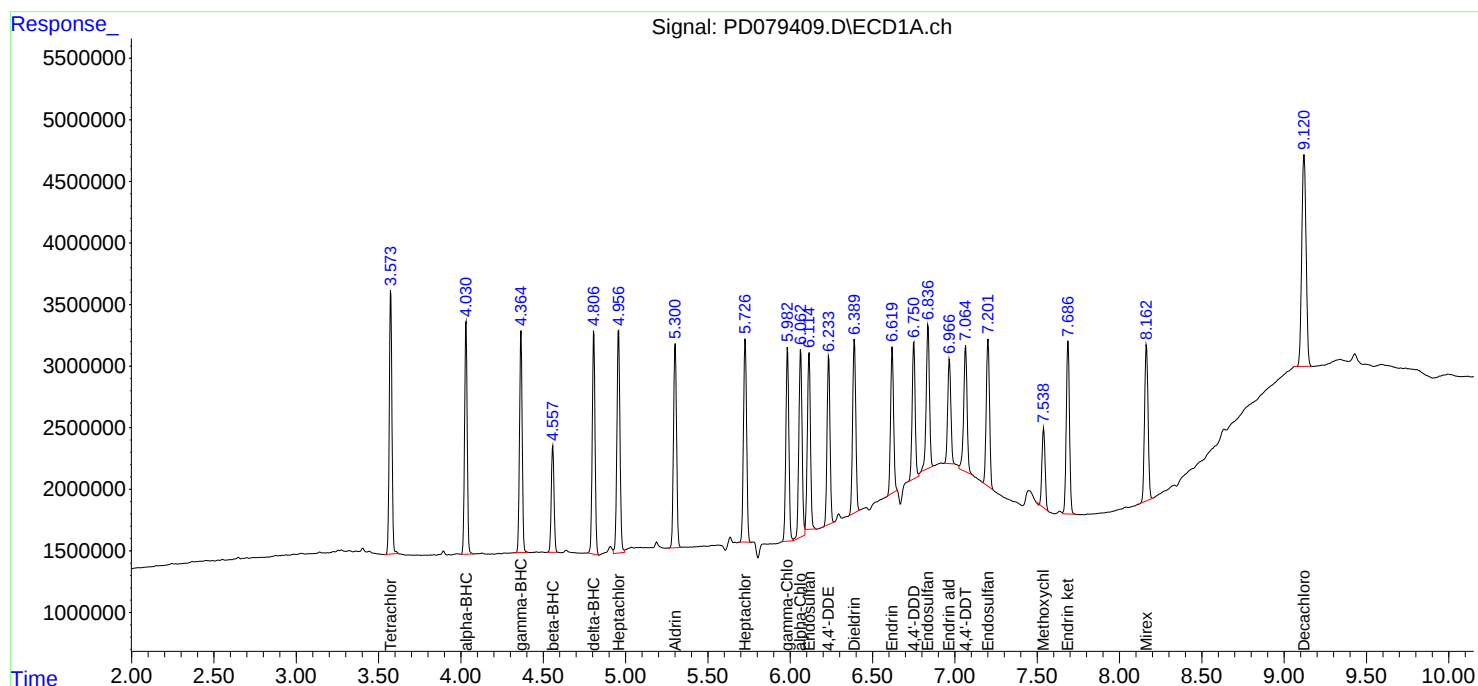
Instrument :
ECD_D
ClientSampleId :
PB156870BSD

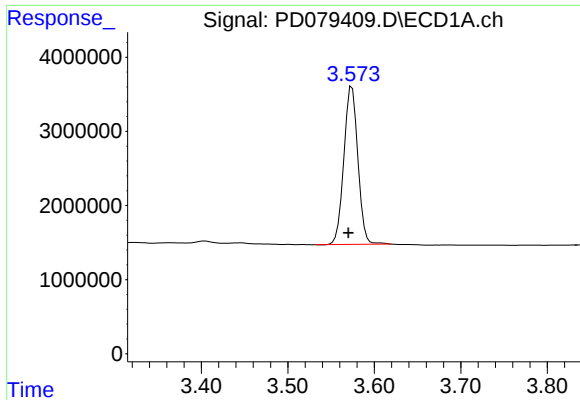
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/04/2023
Supervised By : mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 00:14:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





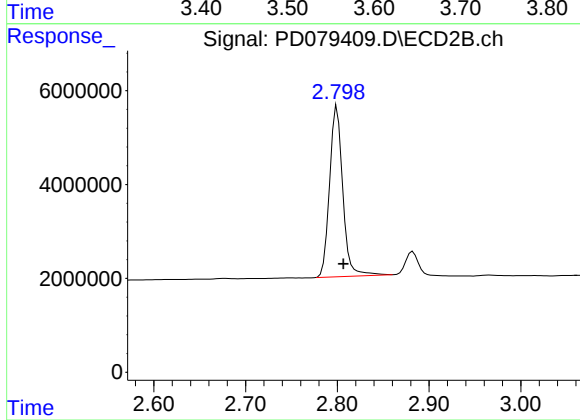
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.004 min
Response: 23839156
Conc: 14.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

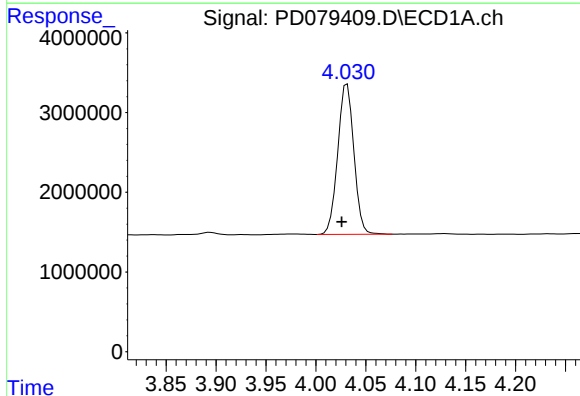
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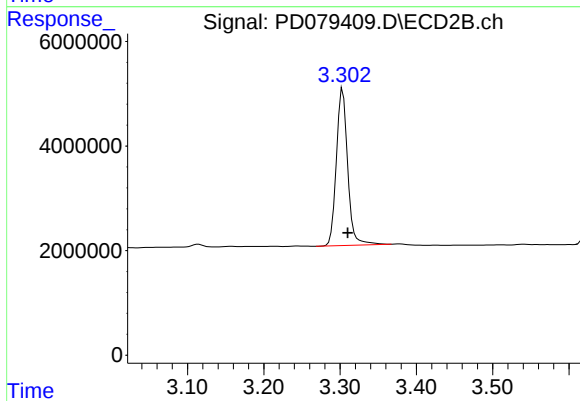
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: -0.007 min
Response: 36388298
Conc: 15.72 ng/ml



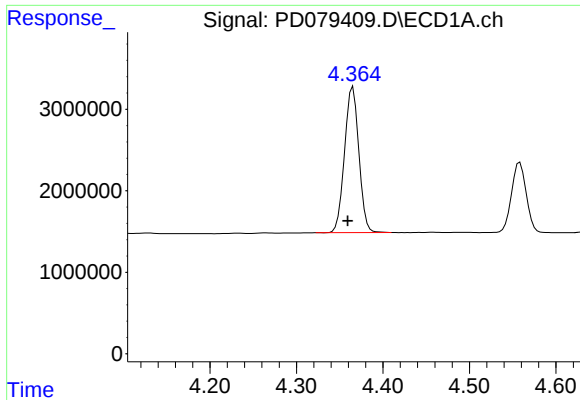
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.005 min
Response: 21222325
Conc: 7.97 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: -0.006 min
Response: 30793582
Conc: 8.88 ng/ml



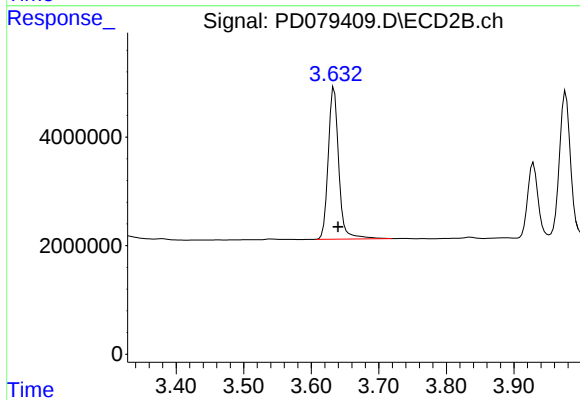
#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.006 min
Response: 20470555
Conc: 7.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

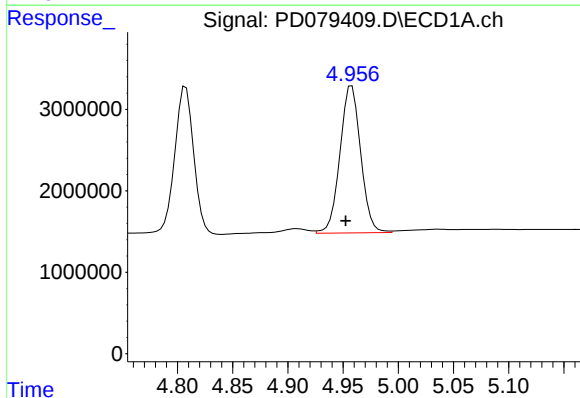
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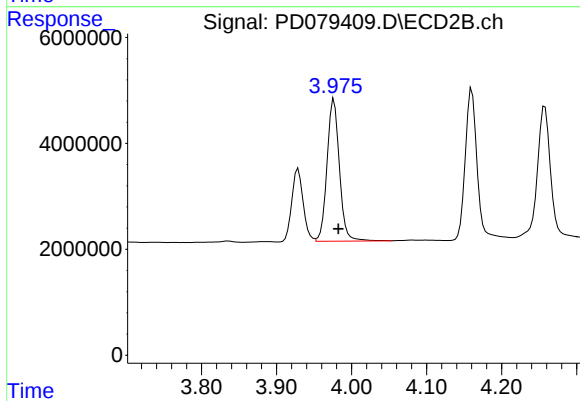
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: -0.006 min
Response: 30458419
Conc: 8.97 ng/ml



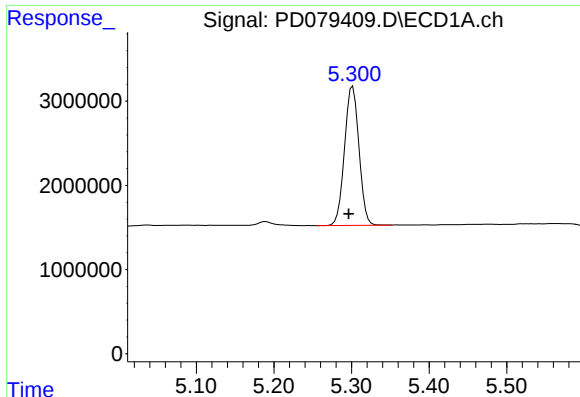
#4 Heptachlor

R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 23628131
Conc: 8.83 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.006 min
Response: 30802498
Conc: 10.09 ng/ml



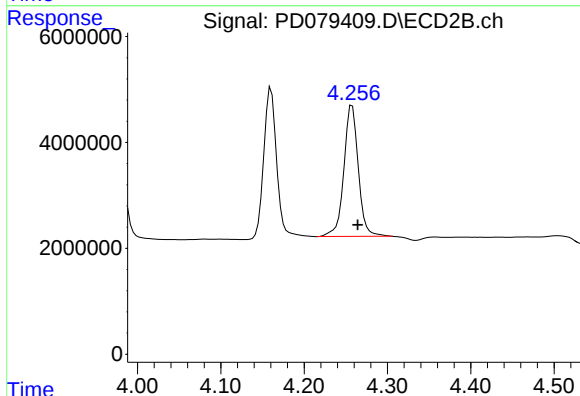
#5 Aldrin

R.T.: 5.302 min
Delta R.T.: 0.005 min
Response: 21389079
Conc: 8.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

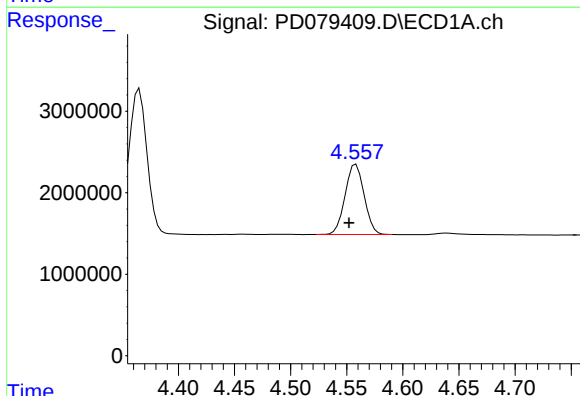
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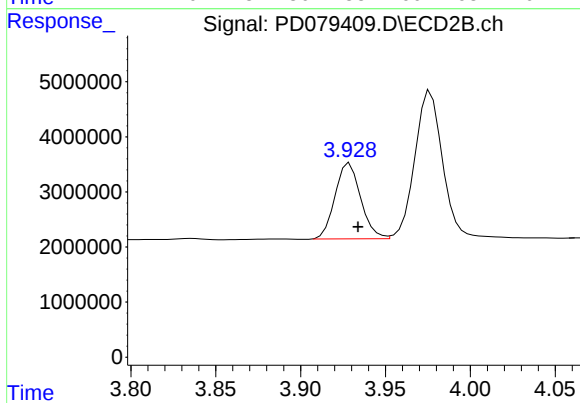
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: -0.008 min
Response: 29789182
Conc: 9.11 ng/ml m



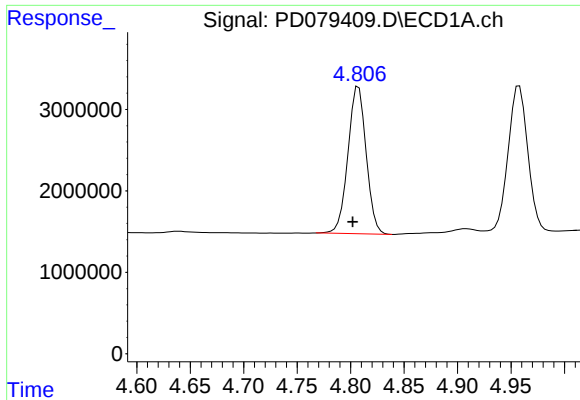
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.006 min
Response: 10160470
Conc: 9.48 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 14497198
Conc: 10.29 ng/ml



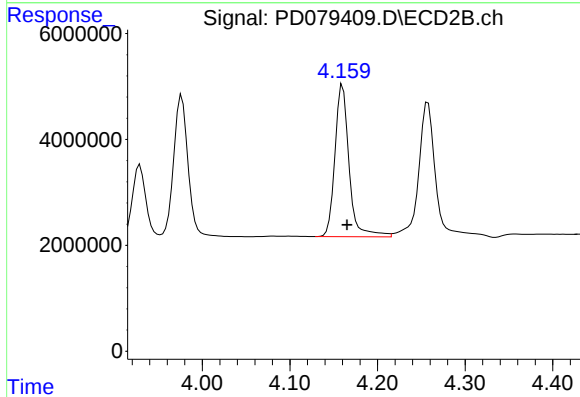
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: 0.004 min
Response: 21449694
Conc: 8.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

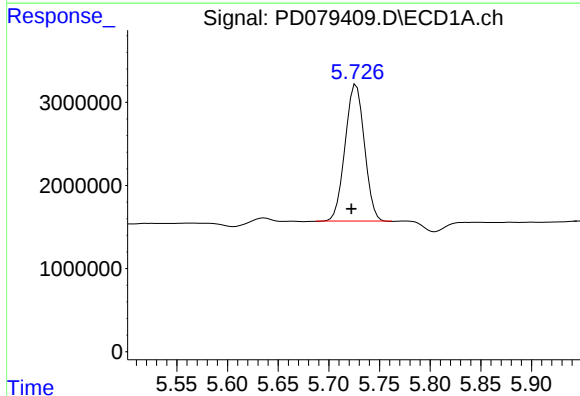
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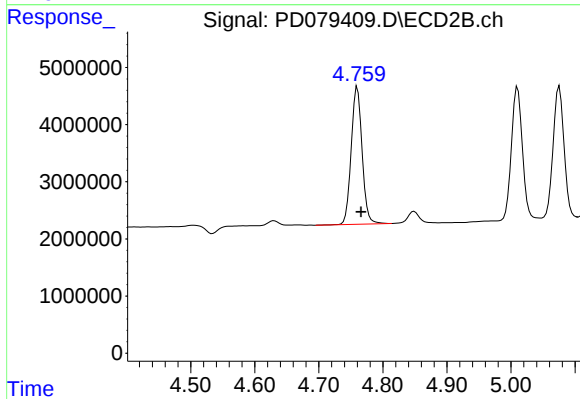
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.005 min
Response: 32291878
Conc: 9.64 ng/ml



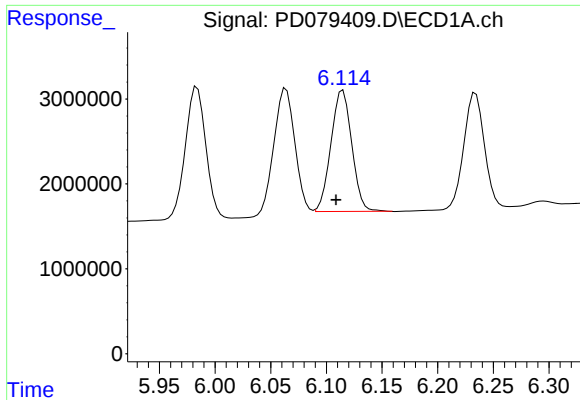
#8 Heptachlor epoxide

R.T.: 5.726 min
Delta R.T.: 0.003 min
Response: 21764539
Conc: 9.29 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 28339450
Conc: 9.56 ng/ml



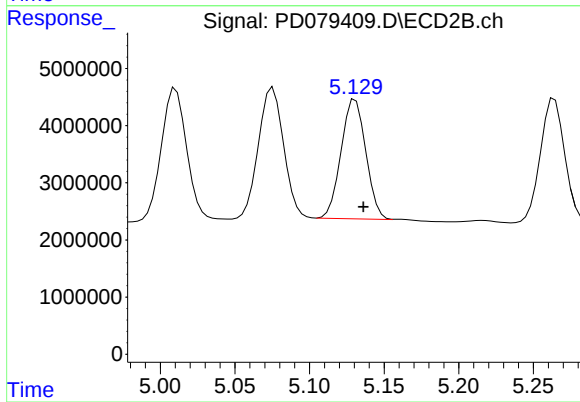
#9 Endosulfan I

R.T.: 6.114 min
Delta R.T.: 0.005 min
Response: 18567482
Conc: 8.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

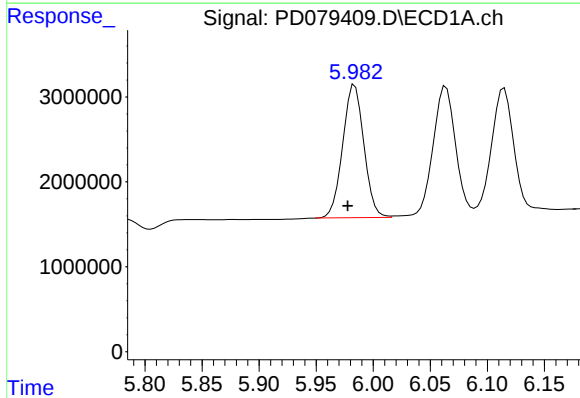
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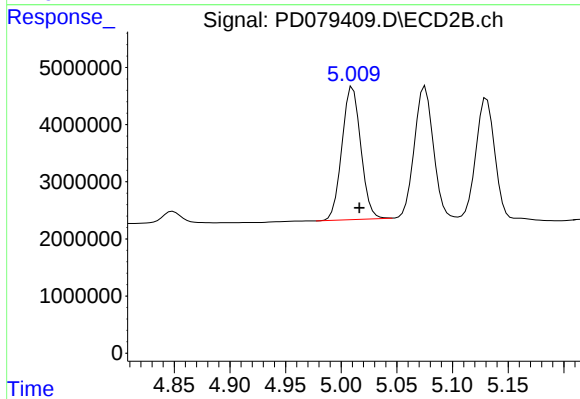
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 24208562
Conc: 9.14 ng/ml m



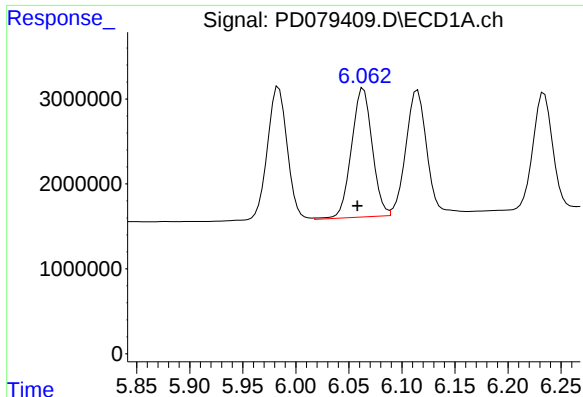
#10 gamma-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.005 min
Response: 20215451
Conc: 8.82 ng/ml m



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.007 min
Response: 27456522
Conc: 9.57 ng/ml m



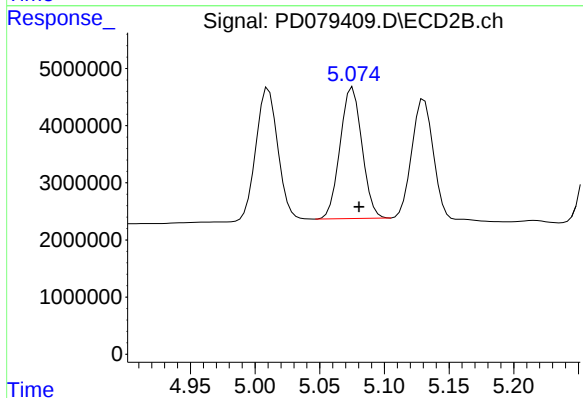
#11 alpha-Chlordane

R.T.: 6.064 min
Delta R.T.: 0.006 min
Response: 20614392
Conc: 9.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

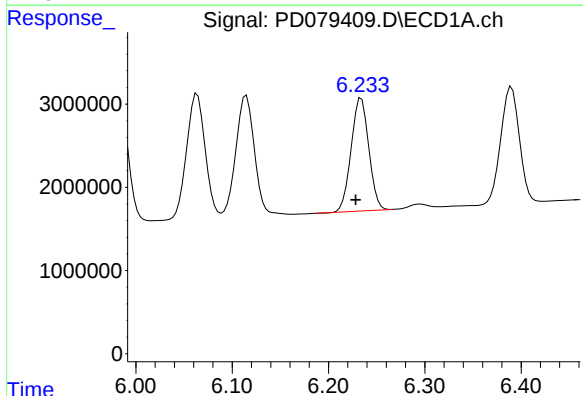
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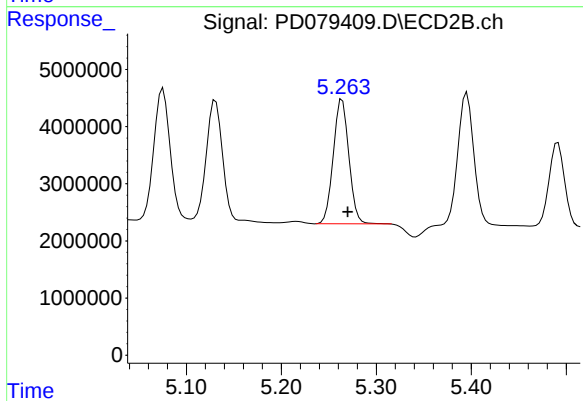
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 26965398
Conc: 9.40 ng/ml



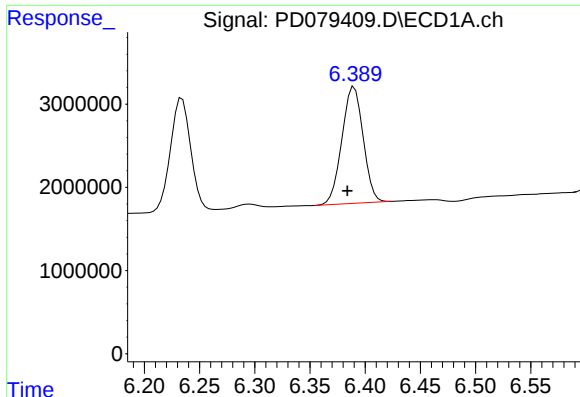
#12 4,4'-DDE

R.T.: 6.234 min
Delta R.T.: 0.006 min
Response: 17227166
Conc: 8.15 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 24899294
Conc: 9.35 ng/ml



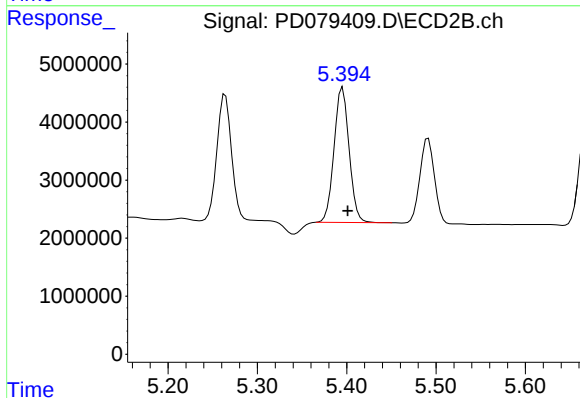
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: 0.005 min
Response: 18768173
Conc: 8.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

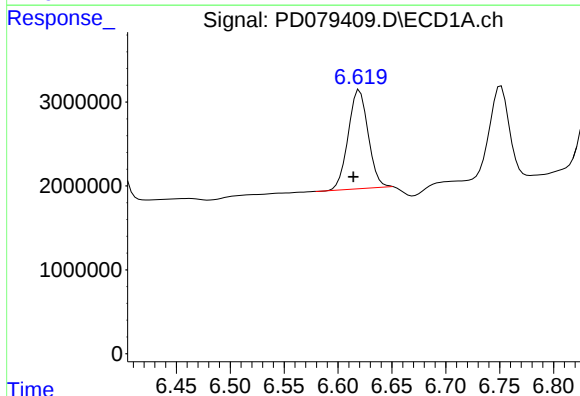
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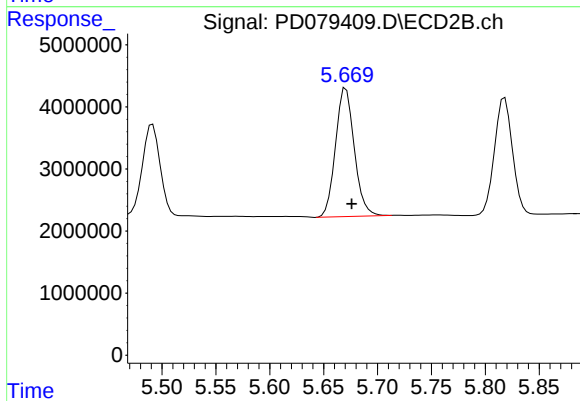
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.006 min
Response: 27266001
Conc: 9.18 ng/ml



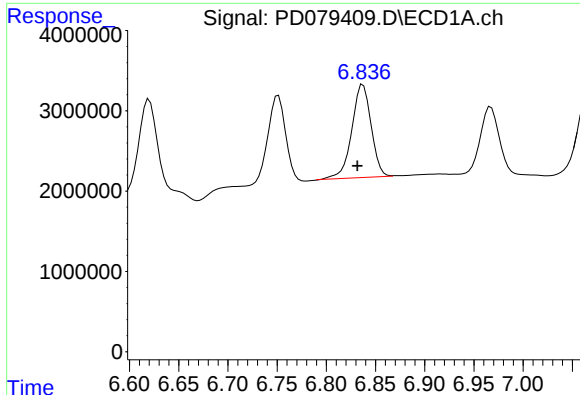
#14 Endrin

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 15241654
Conc: 7.83 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 25041262
Conc: 9.79 ng/ml



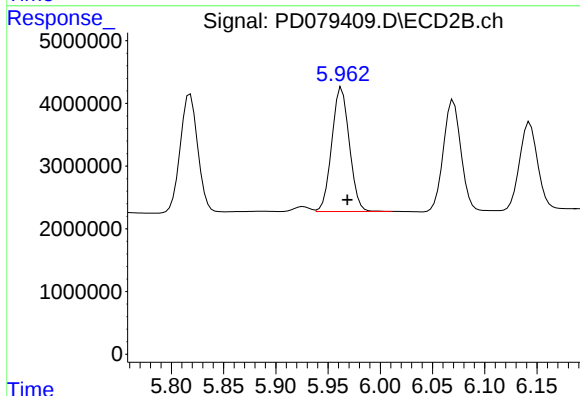
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: 0.004 min
Response: 15837160
Conc: 7.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

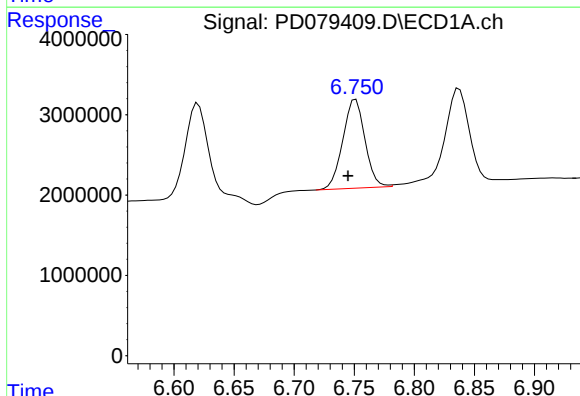
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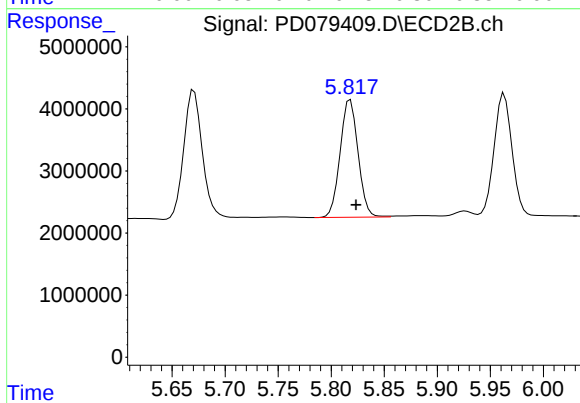
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 23158041
Conc: 9.28 ng/ml



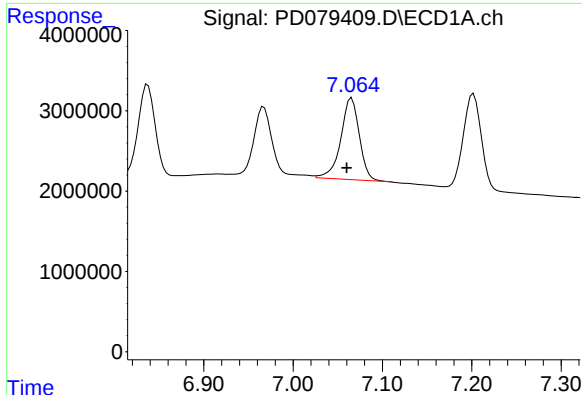
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: 0.005 min
Response: 14273585
Conc: 8.12 ng/ml m



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 22293809
Conc: 9.76 ng/ml



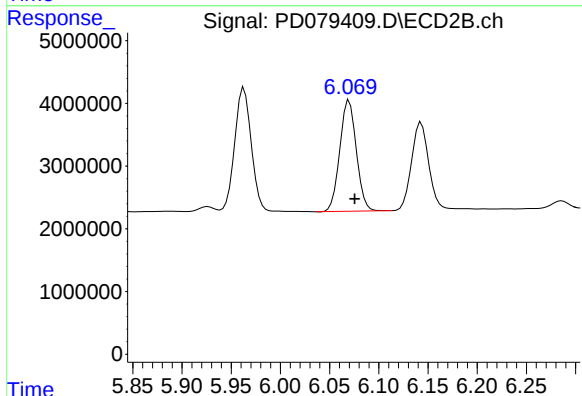
#17 4,4'-DDT

R.T.: 7.066 min
Delta R.T.: 0.005 min
Response: 14613388
Conc: 7.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

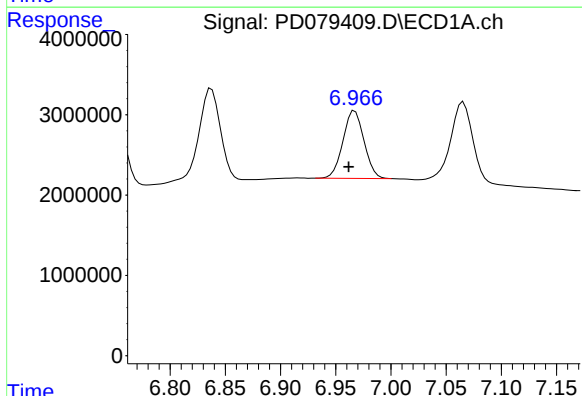
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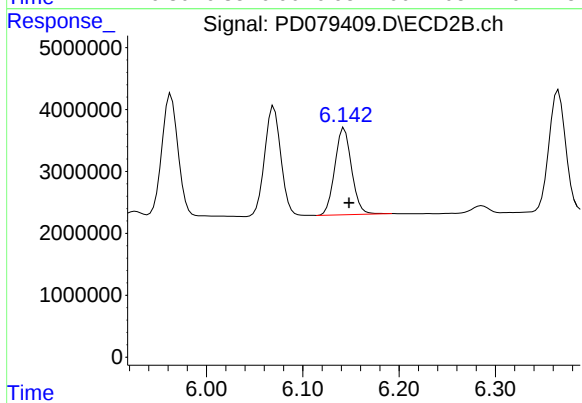
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 20749638
Conc: 9.06 ng/ml



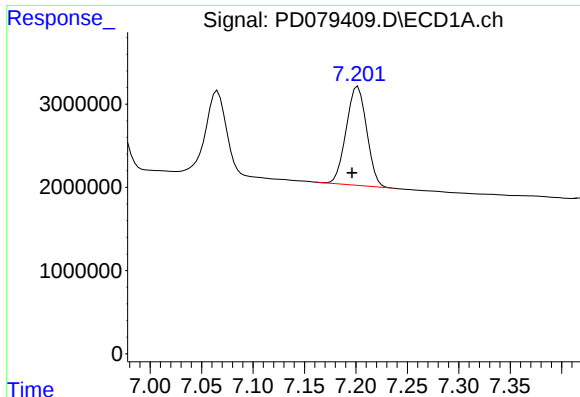
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.004 min
Response: 11177510
Conc: 7.24 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 16947707
Conc: 9.12 ng/ml



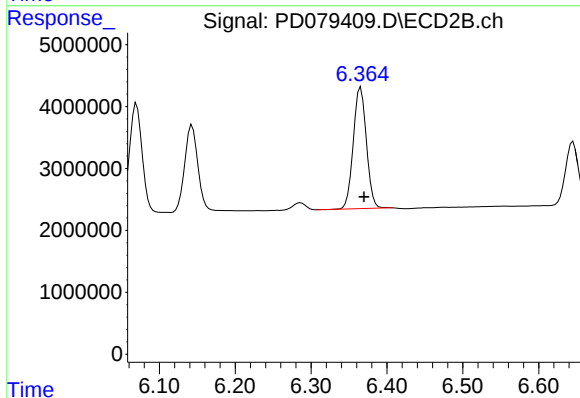
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.006 min
Response: 16412499
Conc: 8.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

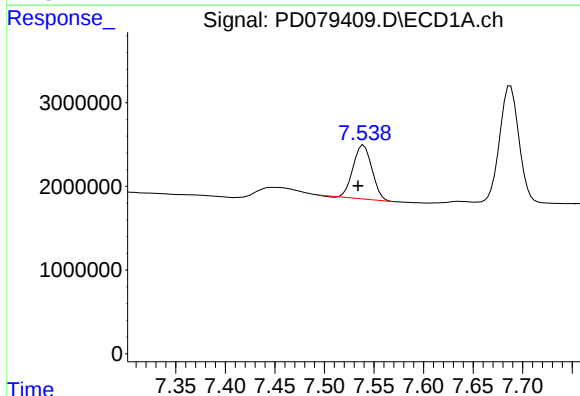
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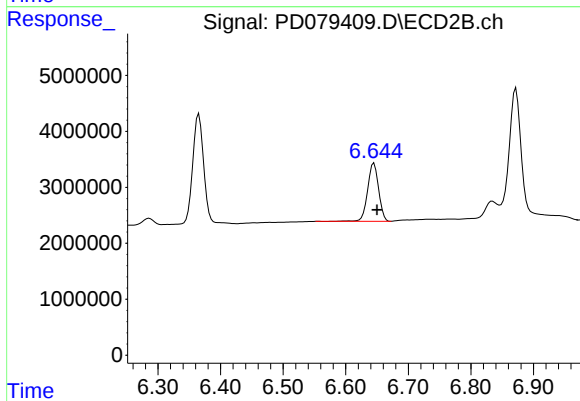
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 23562707
Conc: 10.09 ng/ml



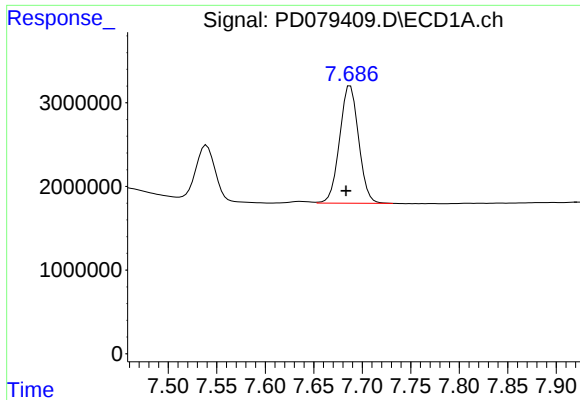
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.005 min
Response: 8443925
Conc: 7.71 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 12642903
Conc: 9.31 ng/ml



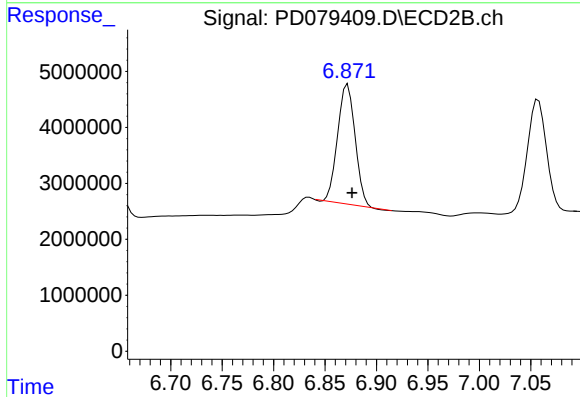
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.005 min
Response: 19102150
Conc: 8.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

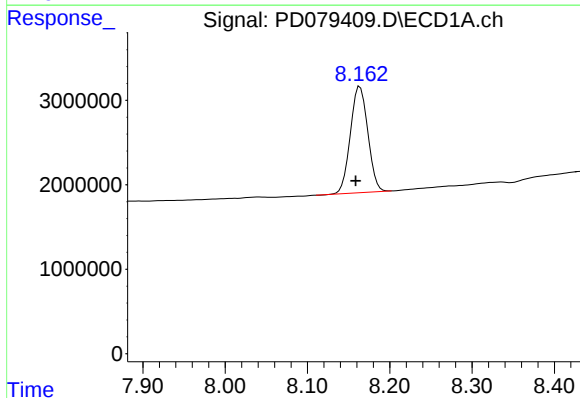
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Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



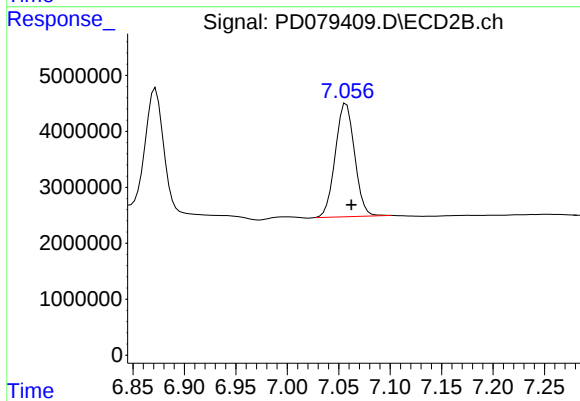
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 25044099
Conc: 8.96 ng/ml



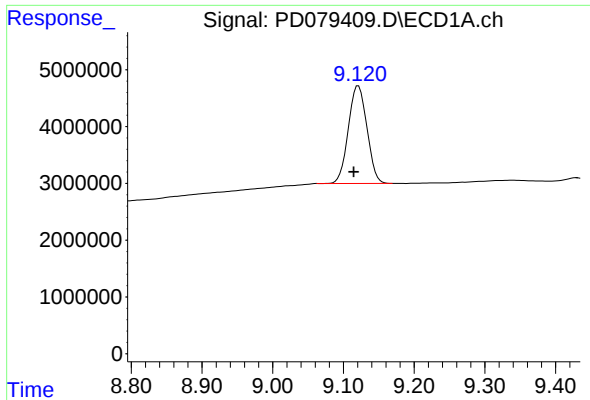
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.005 min
Response: 18579208
Conc: 10.98 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 26501958
Conc: 12.41 ng/ml



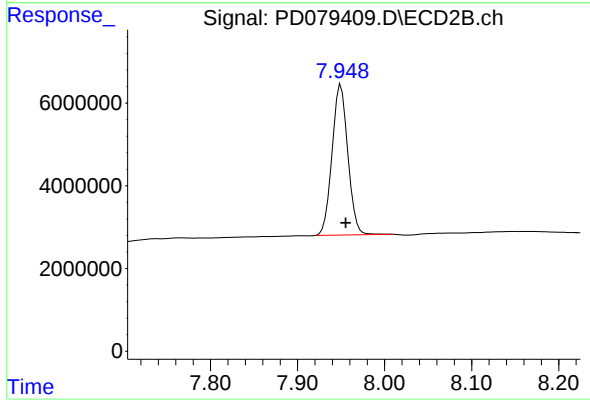
#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.006 min
Response: 31490222
Conc: 15.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.006 min
Response: 45924333
Conc: 18.84 ng/ml