

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 13:29
 Operator : AR\AJ
 Sample : PB156704BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156704BSD

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 00:16:03 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...	3.567	2.803	24106906	36815406	14.931	15.901
28)	SA Decachlor...	9.111	7.949	33144572	45709565	16.523	18.753
Target Compounds							
2)	A alpha-BHC	4.024	3.306	21375820	30792223	8.030	8.880
3)	MA gamma-BHC...	4.357	3.636	20594741	30009384	7.925	8.837
4)	MA Heptachlor	4.950	3.978	23154801	30894616	8.656	10.116
5)	MB Aldrin	5.294	4.258	21352508	30414570	8.286	9.297m
6)	B beta-BHC	4.550	3.931	10242508	14724707	9.558	10.450
7)	B delta-BHC	4.799	4.162	21317051	31505450	7.963m	9.410
8)	B Heptachlo...	5.718	4.761	21738148	28251360	9.275m	9.529
9)	A Endosulfan I	6.105	5.130	19346027	24528381	8.924m	9.264m
10)	B gamma-Chl...	5.974	5.010	19742415	27823375	8.611m	9.696m
11)	B alpha-Chl...	6.054	5.076	20252179	27367884	8.882m	9.536
12)	B 4,4'-DDE	6.226	5.265	17440591	25249815	8.254	9.484
13)	MA Dieldrin	6.382	5.396	18854296	27613904	8.096	9.298
14)	MA Endrin	6.610	5.671	15740131	25274342	8.082m	9.876
15)	B Endosulfa...	6.828	5.963	16068656	23367060	7.878m	9.360
16)	A 4,4'-DDD	6.742	5.818	13997690	22283795	7.963m	9.755
17)	MA 4,4'-DDT	7.058	6.070	13294352	20165813	7.020	8.808 #
18)	B Endrin al...	6.958	6.143	11695350	17370095	7.573m	9.342
19)	B Endosulfa...	7.193	6.365	15960290	23466277	8.028	10.051 #
20)	A Methoxychlor	7.530	6.643	7805493	12171993	7.123m	8.966m#
21)	B Endrin ke...	7.680	6.870	18387346	25734698	8.434	9.205m
22)	Mirex	8.157	7.057	18171857	26303182	10.736	12.312

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
Data File : PD079413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Nov 2023 13:29
Operator : AR\AJ
Sample : PB156704BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

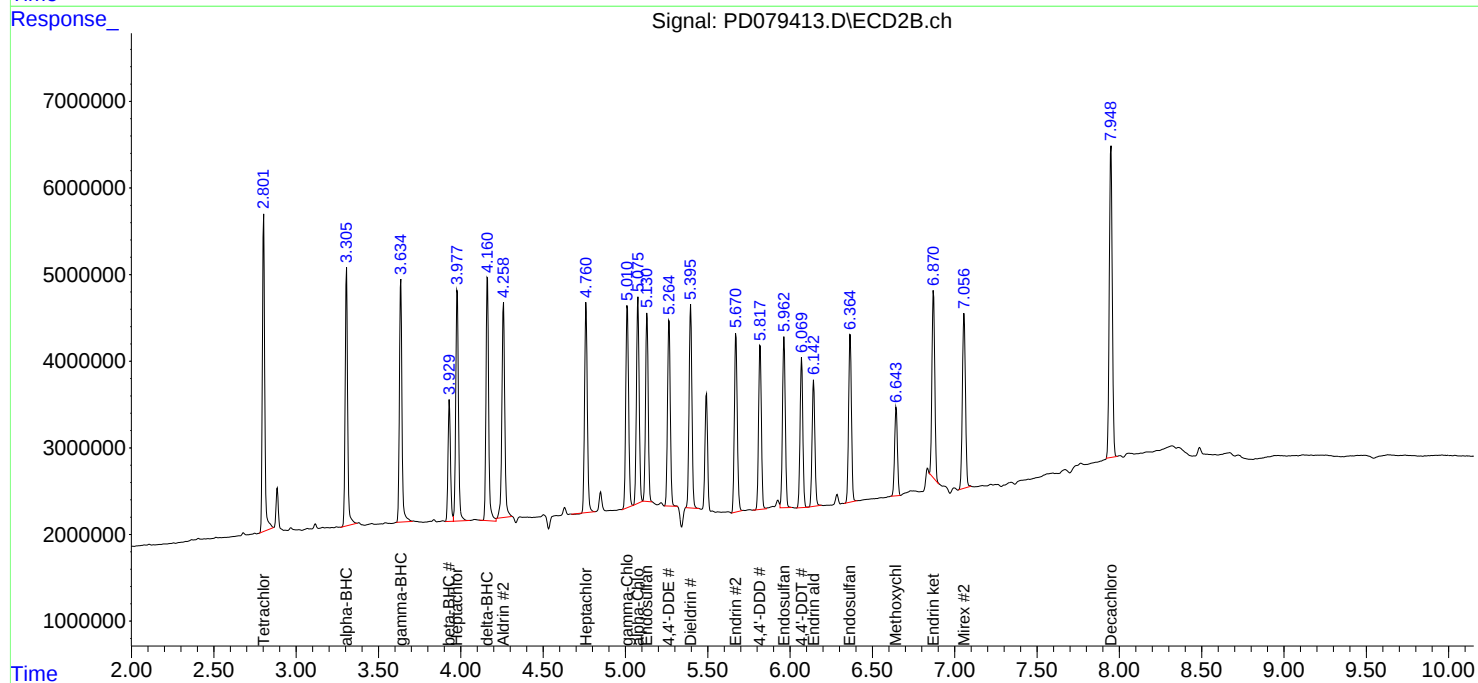
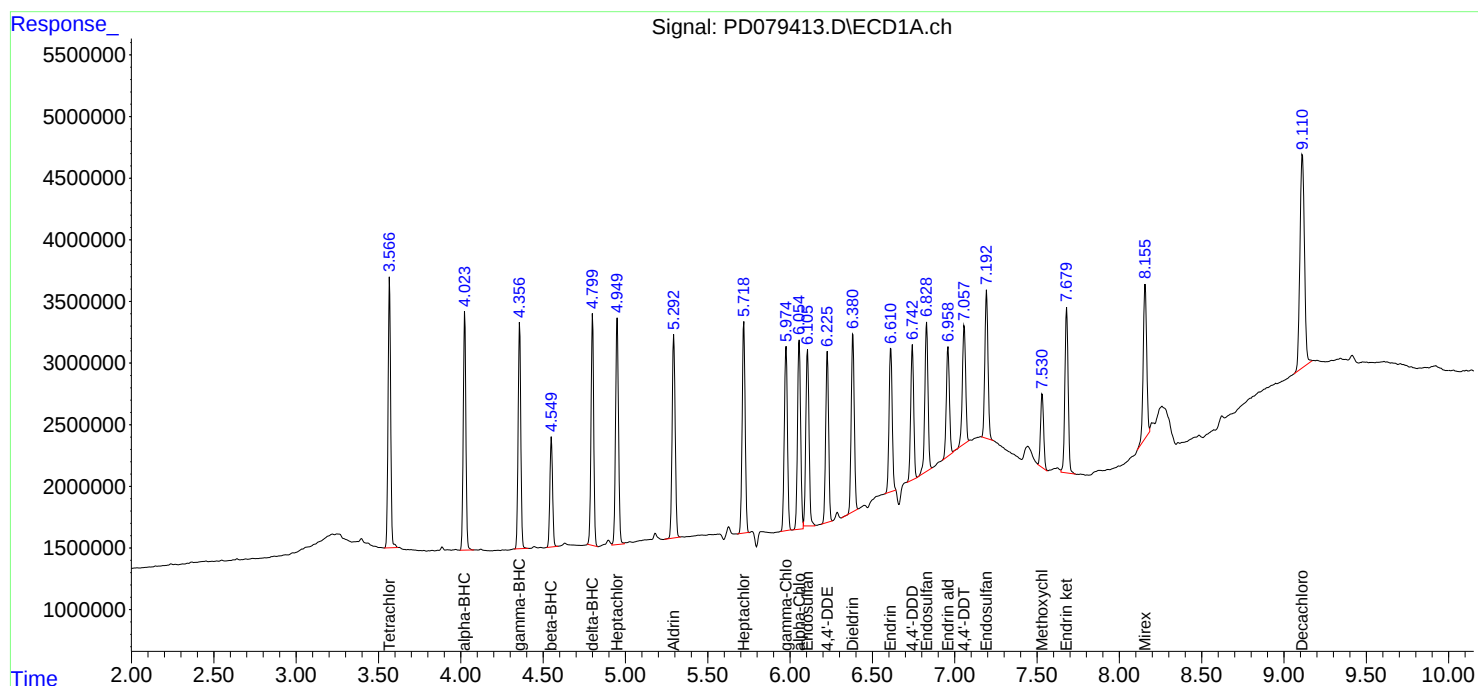
Instrument :
ECD_D
ClientSampleId :
PB156704BSD

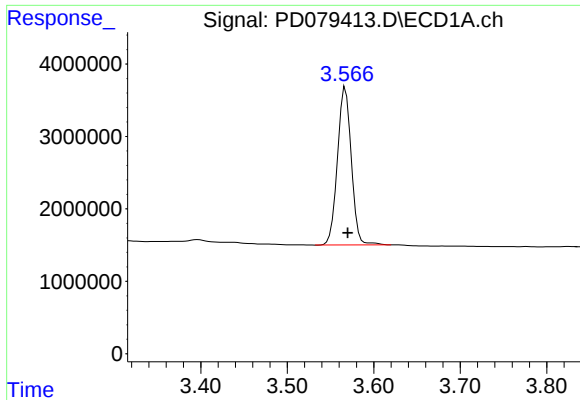
Manual Integrations
APPROVED

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 00:16:03 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





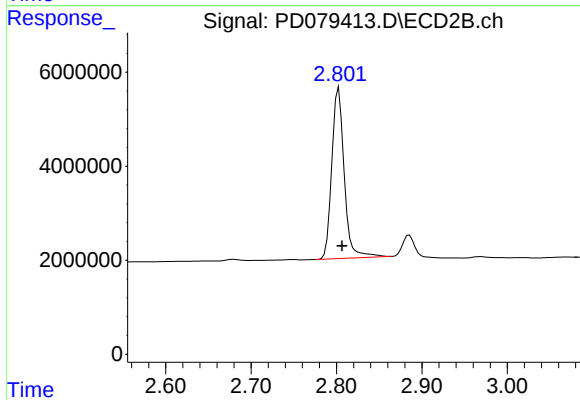
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: -0.003 min
Response: 24106906
Conc: 14.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

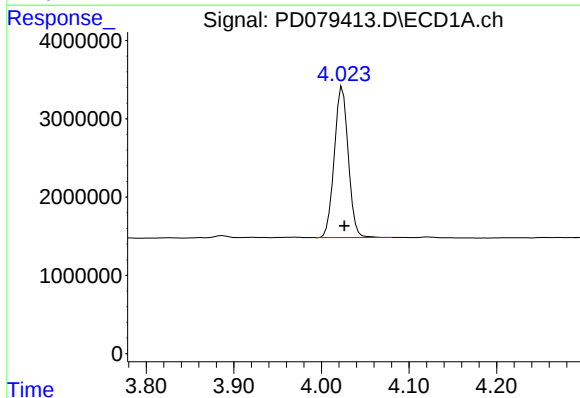
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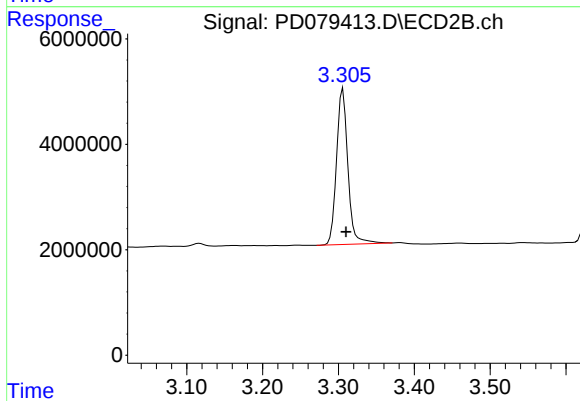
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.004 min
Response: 36815406
Conc: 15.90 ng/ml



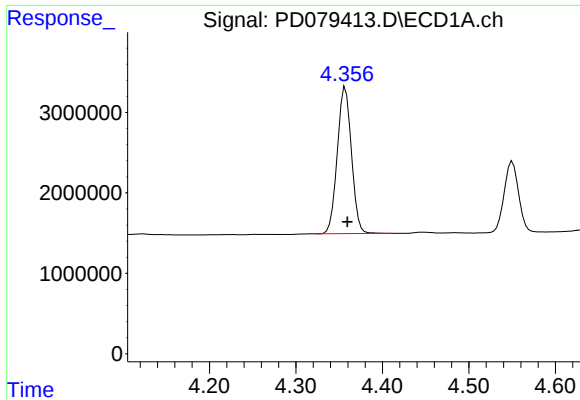
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 21375820
Conc: 8.03 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 30792223
Conc: 8.88 ng/ml



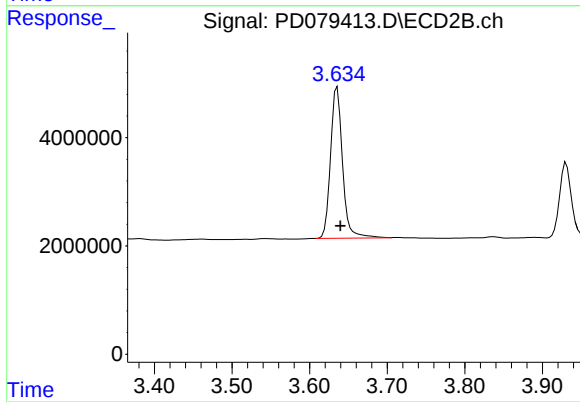
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: -0.002 min
Response: 20594741
Conc: 7.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
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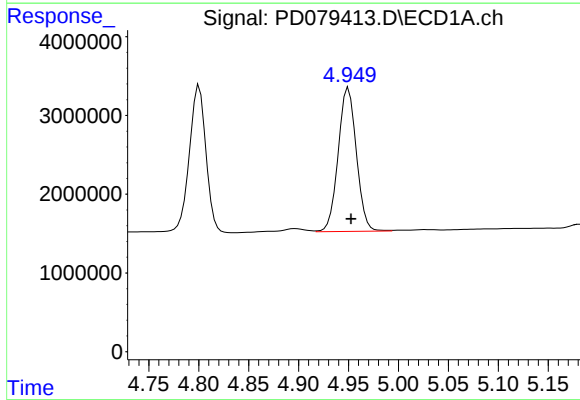
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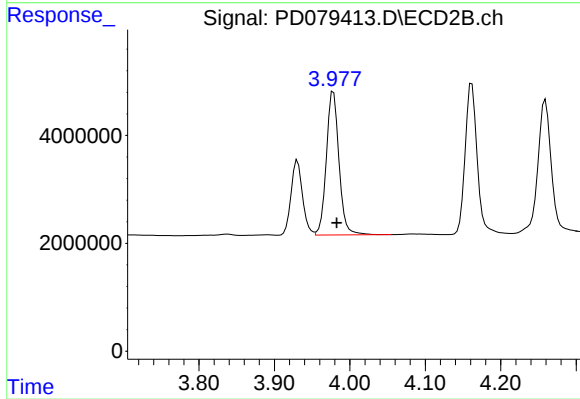
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 30009384
Conc: 8.84 ng/ml



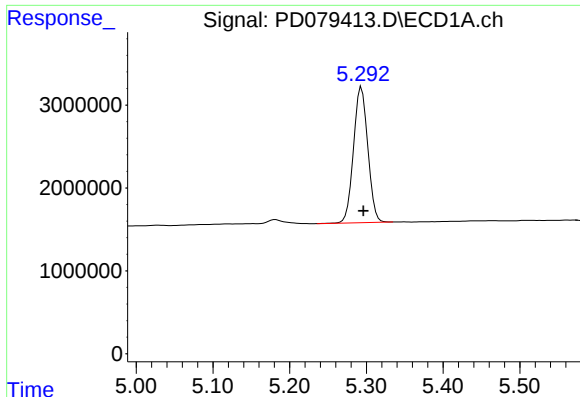
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 23154801
Conc: 8.66 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 30894616
Conc: 10.12 ng/ml



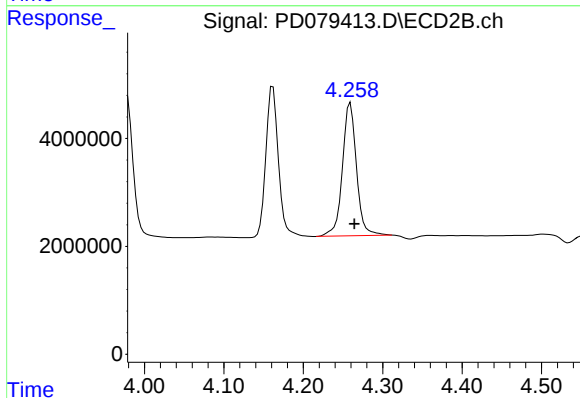
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 21352508
Conc: 8.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

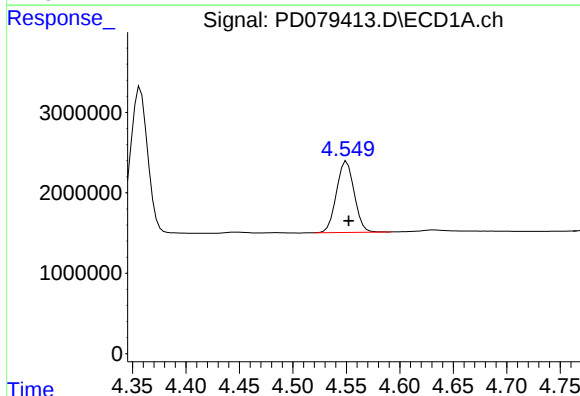
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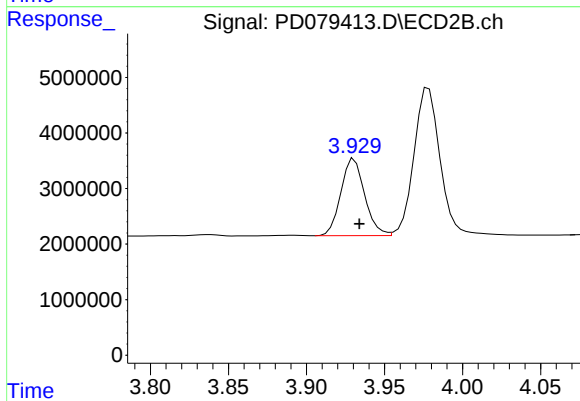
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 30414570
Conc: 9.30 ng/ml m



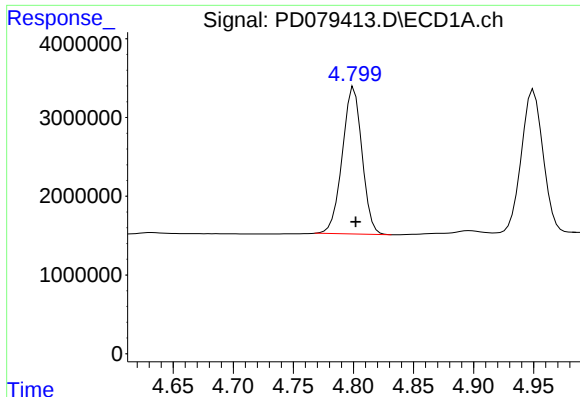
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 10242508
Conc: 9.56 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 14724707
Conc: 10.45 ng/ml



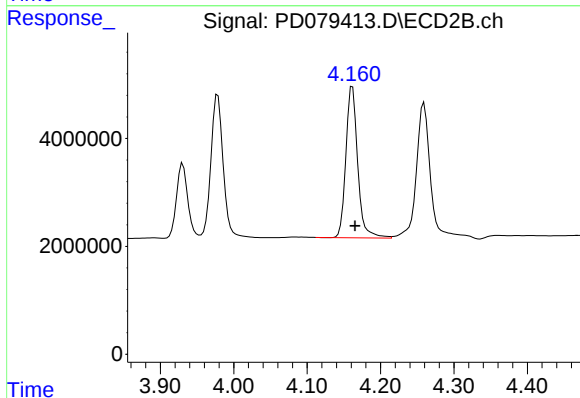
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.003 min
Response: 21317051
Conc: 7.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

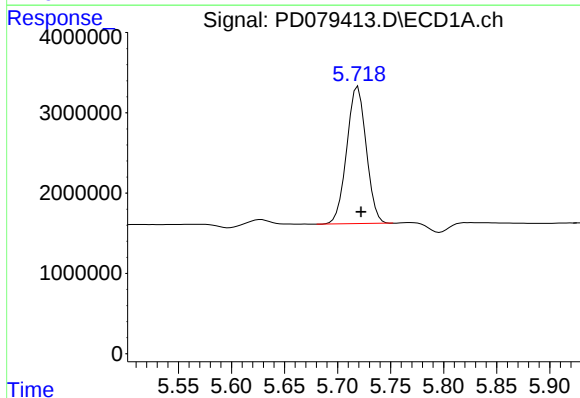
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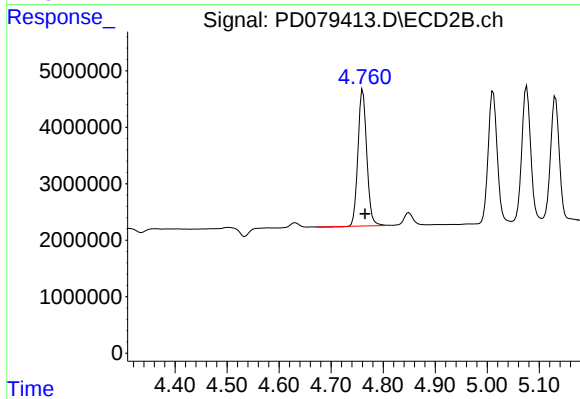
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 31505450
Conc: 9.41 ng/ml



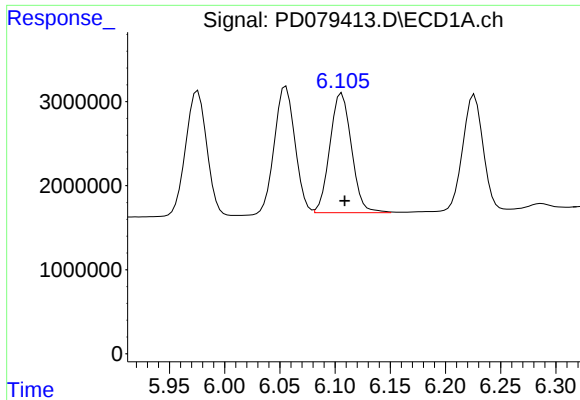
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.004 min
Response: 21738148
Conc: 9.28 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 28251360
Conc: 9.53 ng/ml



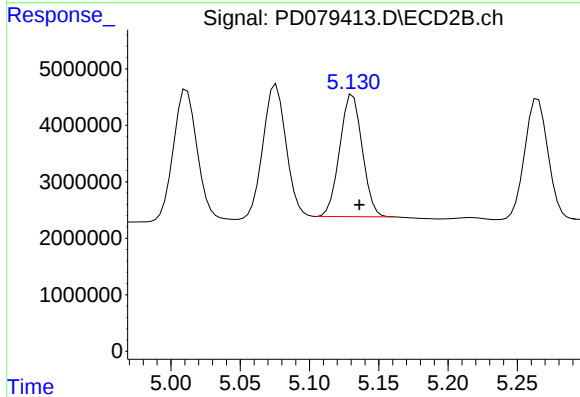
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 19346027
Conc: 8.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

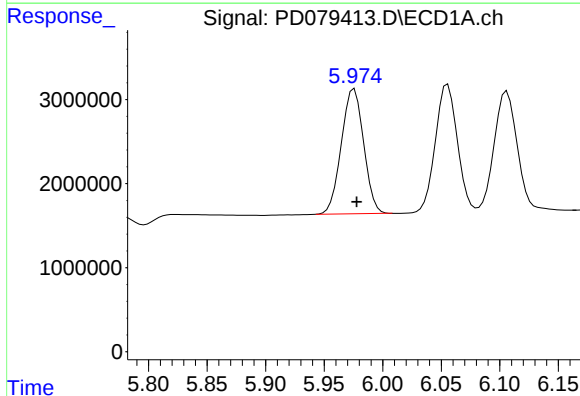
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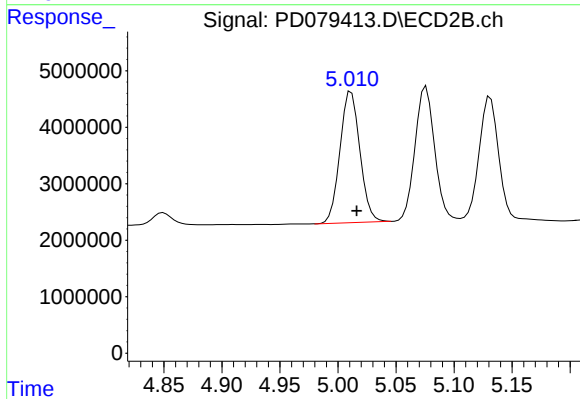
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 24528381
Conc: 9.26 ng/ml m



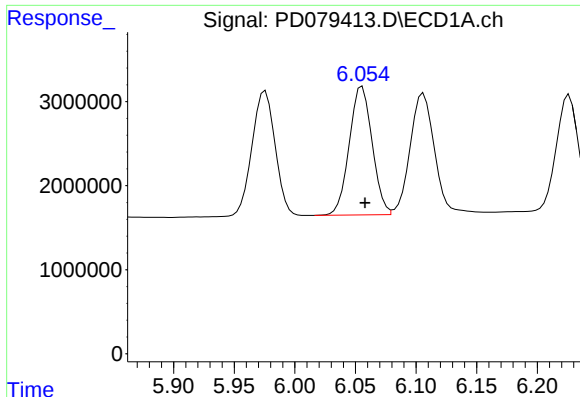
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 19742415
Conc: 8.61 ng/ml m



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 27823375
Conc: 9.70 ng/ml m



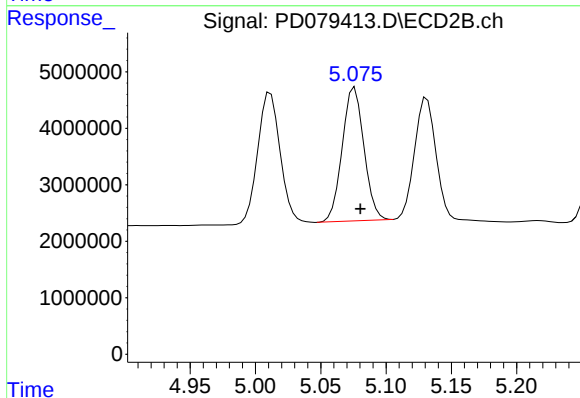
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.004 min
Response: 20252179
Conc: 8.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

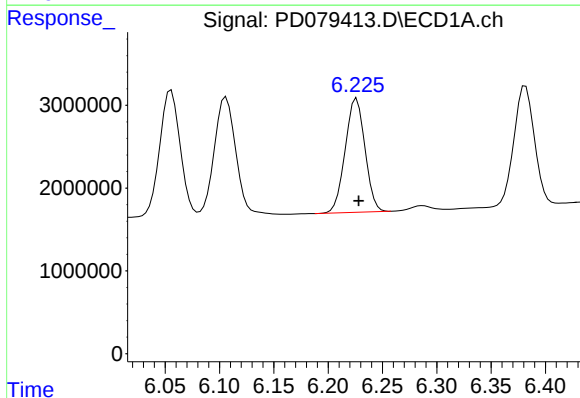
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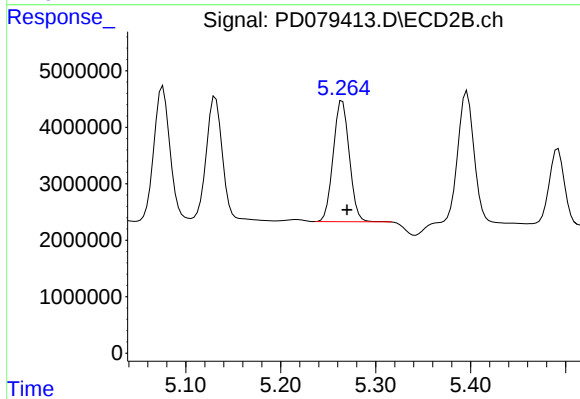
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: -0.004 min
Response: 27367884
Conc: 9.54 ng/ml



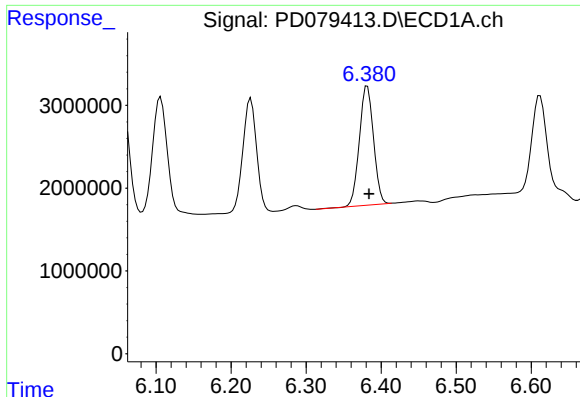
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 17440591
Conc: 8.25 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 25249815
Conc: 9.48 ng/ml



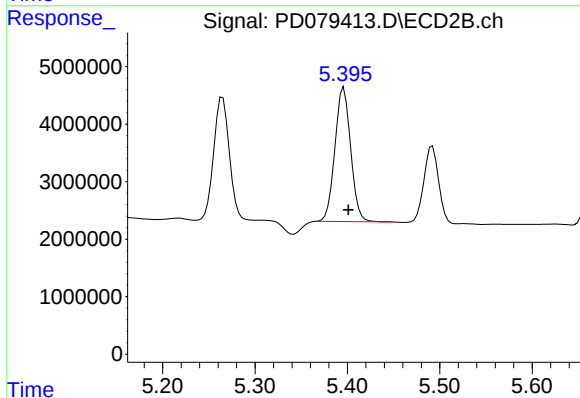
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 18854296
Conc: 8.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

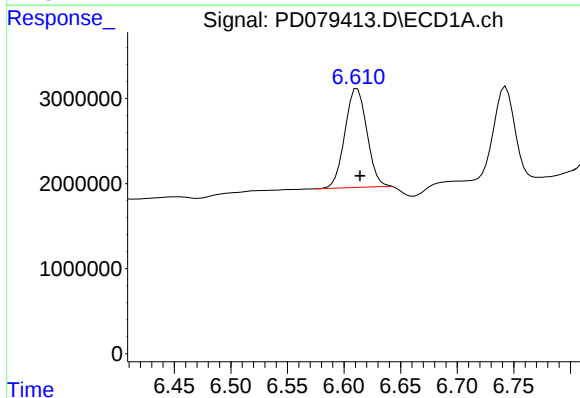
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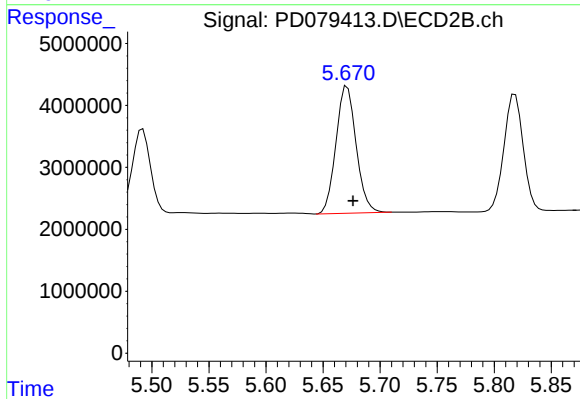
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 27613904
Conc: 9.30 ng/ml



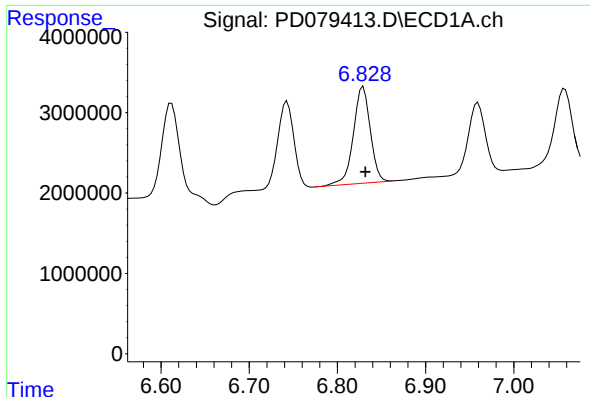
#14 Endrin

R.T.: 6.610 min
Delta R.T.: -0.004 min
Response: 15740131
Conc: 8.08 ng/ml m



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 25274342
Conc: 9.88 ng/ml



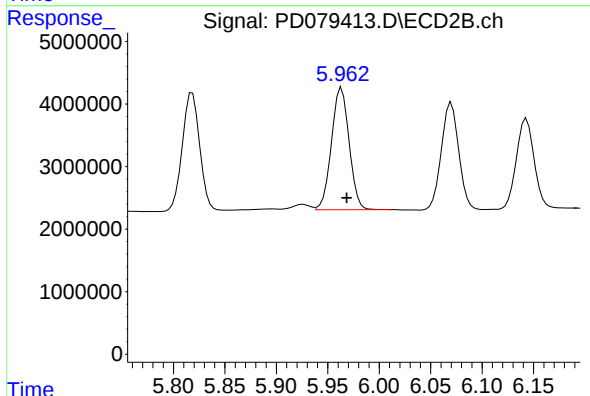
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.004 min
Response: 16068656
Conc: 7.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

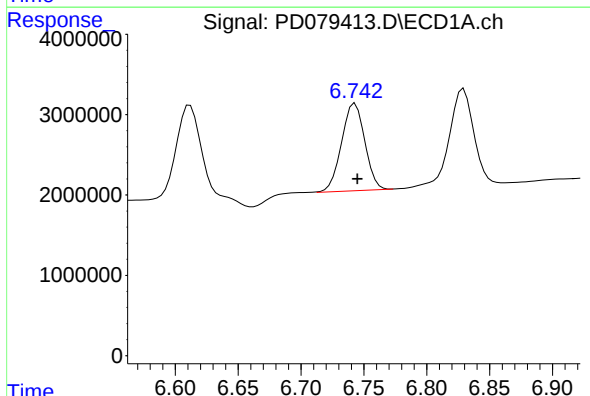
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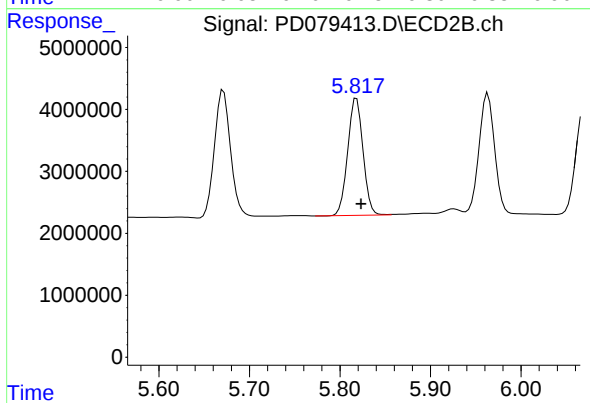
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 23367060
Conc: 9.36 ng/ml



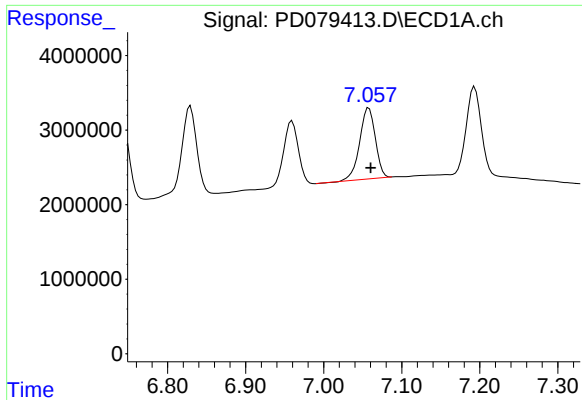
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 13997690
Conc: 7.96 ng/ml m



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 22283795
Conc: 9.76 ng/ml



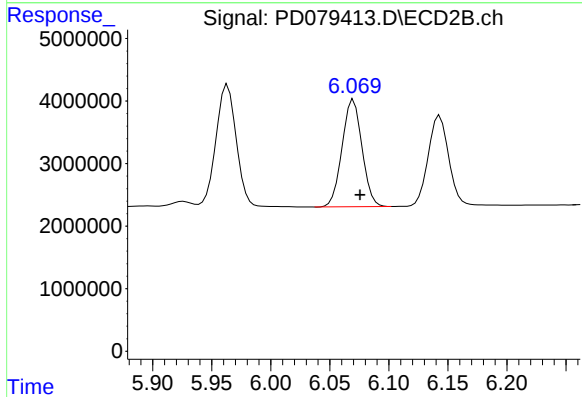
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 13294352
Conc: 7.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

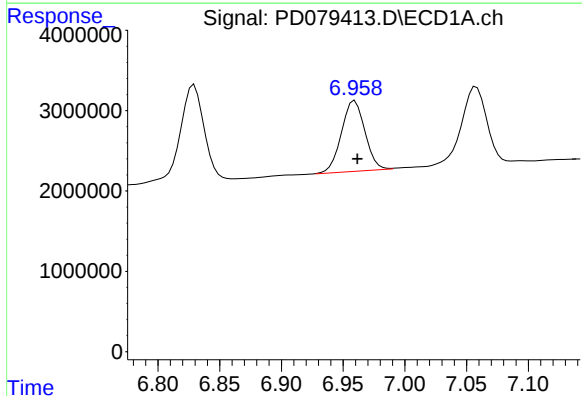
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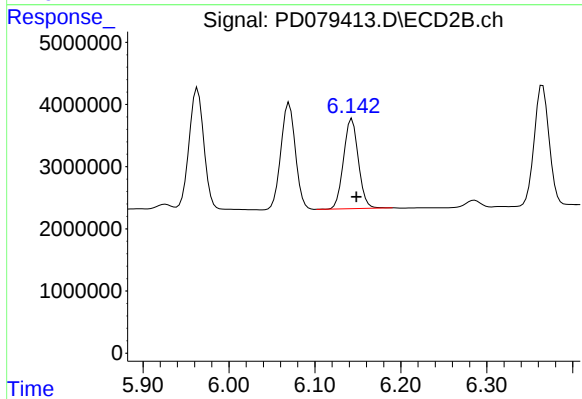
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 20165813
Conc: 8.81 ng/ml



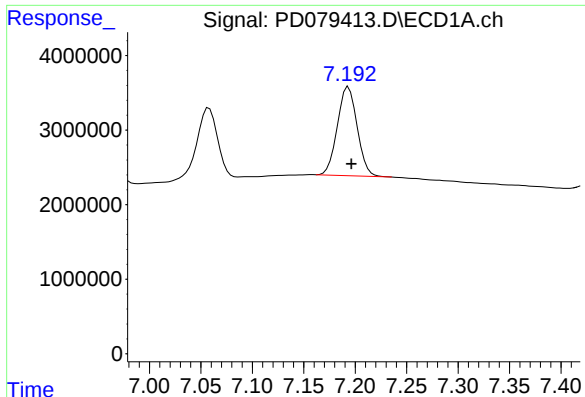
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.004 min
Response: 11695350
Conc: 7.57 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 17370095
Conc: 9.34 ng/ml



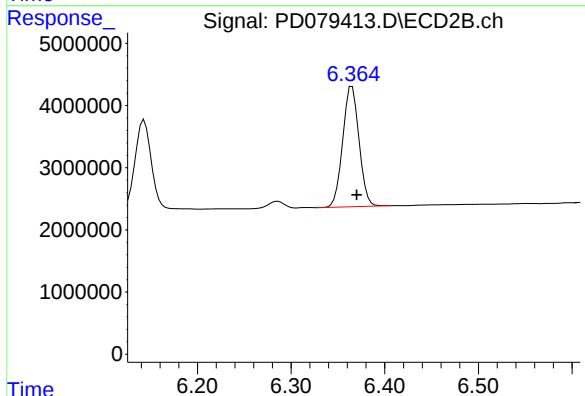
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.003 min
Response: 15960290
Conc: 8.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

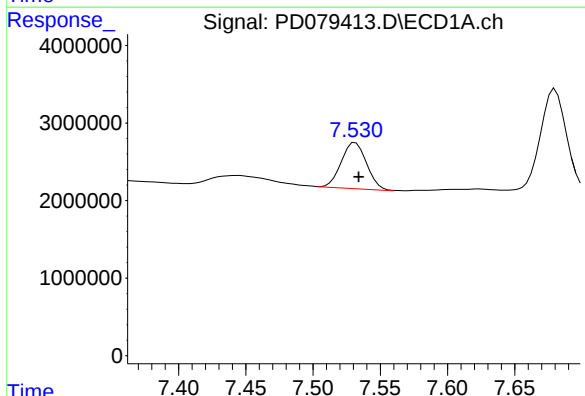
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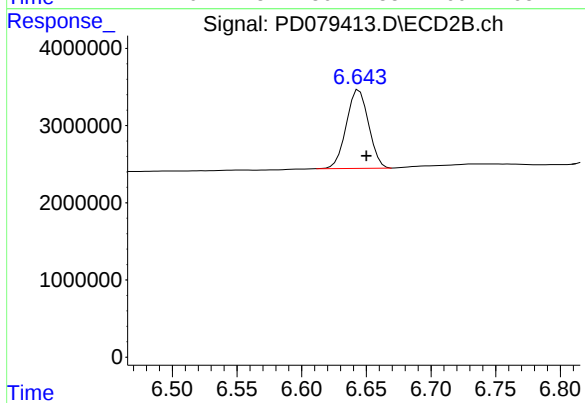
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 23466277
Conc: 10.05 ng/ml



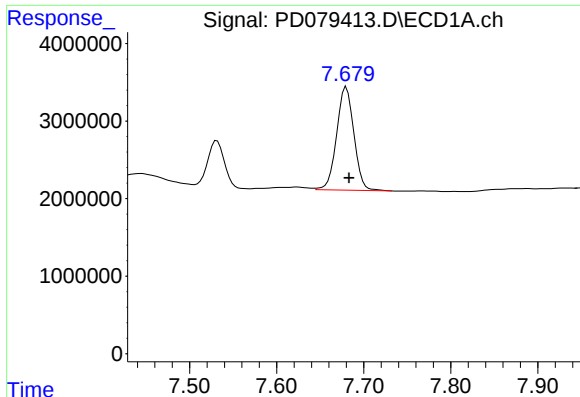
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: -0.004 min
Response: 7805493
Conc: 7.12 ng/ml m



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: -0.007 min
Response: 12171993
Conc: 8.97 ng/ml m



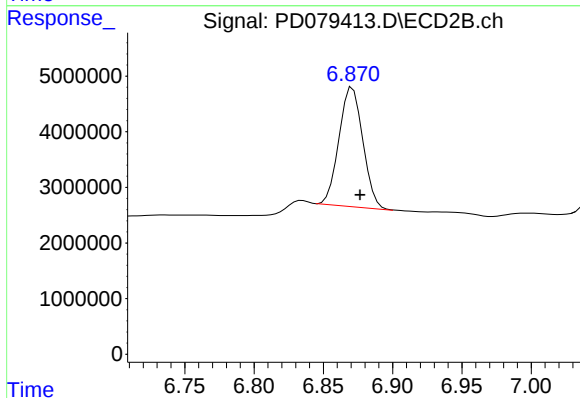
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 18387346
Conc: 8.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156704BSD

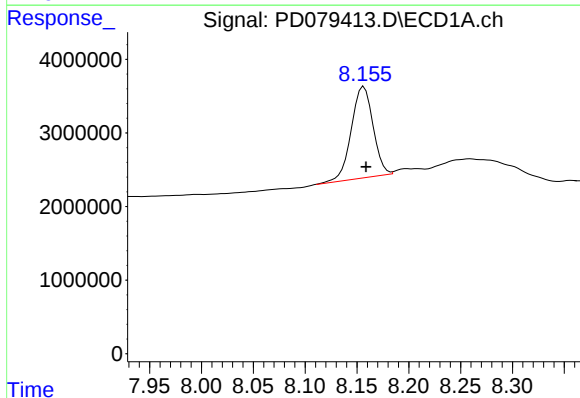
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APPROVED

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



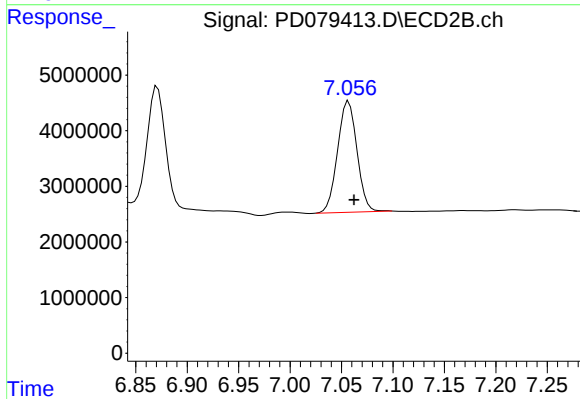
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: -0.007 min
Response: 25734698
Conc: 9.20 ng/ml m



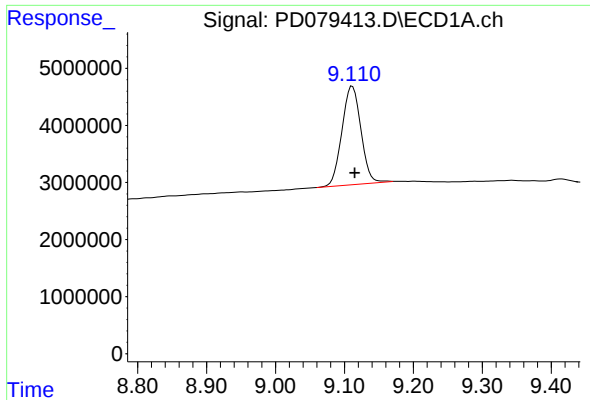
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.002 min
Response: 18171857
Conc: 10.74 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 26303182
Conc: 12.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.003 min
Response: 33144572
Conc: 16.52 ng/ml

Instrument :

ECD_D

ClientSampleId :

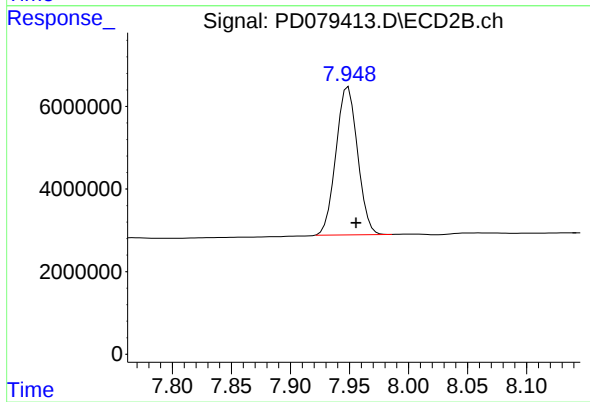
PB156704BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 45709565
Conc: 18.75 ng/ml