

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121421\
 Data File : PD067315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2021 18:39
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD121421

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/15/2021
 Supervised By : Ankita Jodhani 12/15/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 04:30:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 04:06:22 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.435	3.964	94369237	443.9E6	51.581	50.306
28)	SA Decachlor...	8.155	9.021	45352773	224.3E6	49.196	50.464
Target Compounds							
2)	A alpha-BHC	3.871	4.358	158.8E6	616.9E6	52.780	49.560
3)	MA gamma-BHC...	4.152	4.643	145.6E6	538.5E6	52.117	49.313
4)	MA Heptachlor	4.445	5.142	151.8E6	466.2E6	52.895	50.131
5)	MB Aldrin	4.690	5.445	146.8E6	414.8E6	52.550	49.532
6)	B beta-BHC	4.401	4.821	61671630	233.3E6	49.954	49.568
7)	B delta-BHC	4.602	5.034	141.4E6	453.5E6	52.563	47.616m
8)	B Heptachlo...	5.130	5.835	131.7E6	344.8E6	52.141	52.680
9)	A Endosulfan I	5.466	6.192	119.9E6	346.3E6	52.398	50.308
10)	B gamma-Chl...	5.354	6.068	133.4E6	366.3E6	52.332	50.341
11)	B alpha-Chl...	5.412	6.140	129.5E6	361.4E6	52.088	50.127
12)	B 4,4'-DDE	5.576	6.300	121.0E6	343.0E6	52.708	51.083
13)	MA Dieldrin	5.708	6.450	128.1E6	357.0E6	52.357	50.550
14)	MA Endrin	5.965	6.668	113.0E6	292.3E6	52.205	48.527
15)	B Endosulfa...	6.238	6.884	98524686	276.7E6	50.173	49.012
16)	A 4,4'-DDD	6.090	6.795	94094640	271.6E6	53.079	50.434
17)	MA 4,4'-DDT	6.328	7.092	97665912	280.1E6	53.121	51.242
18)	B Endrin al...	6.406	7.008	73215105	219.5E6	50.579	50.649
19)	B Endosulfa...	6.617	7.232	88839388	273.8E6	50.248	50.152
20)	A Methoxychlor	6.875	7.555	48304062	148.3E6	49.918	50.896
21)	B Endrin ke...	7.109	7.704	93693744	303.4E6	49.853	49.095
22)	Mirex	7.289	8.151	67058122	223.2E6	48.802	50.790

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121421\
 Data File : PD067315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2021 18:39
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

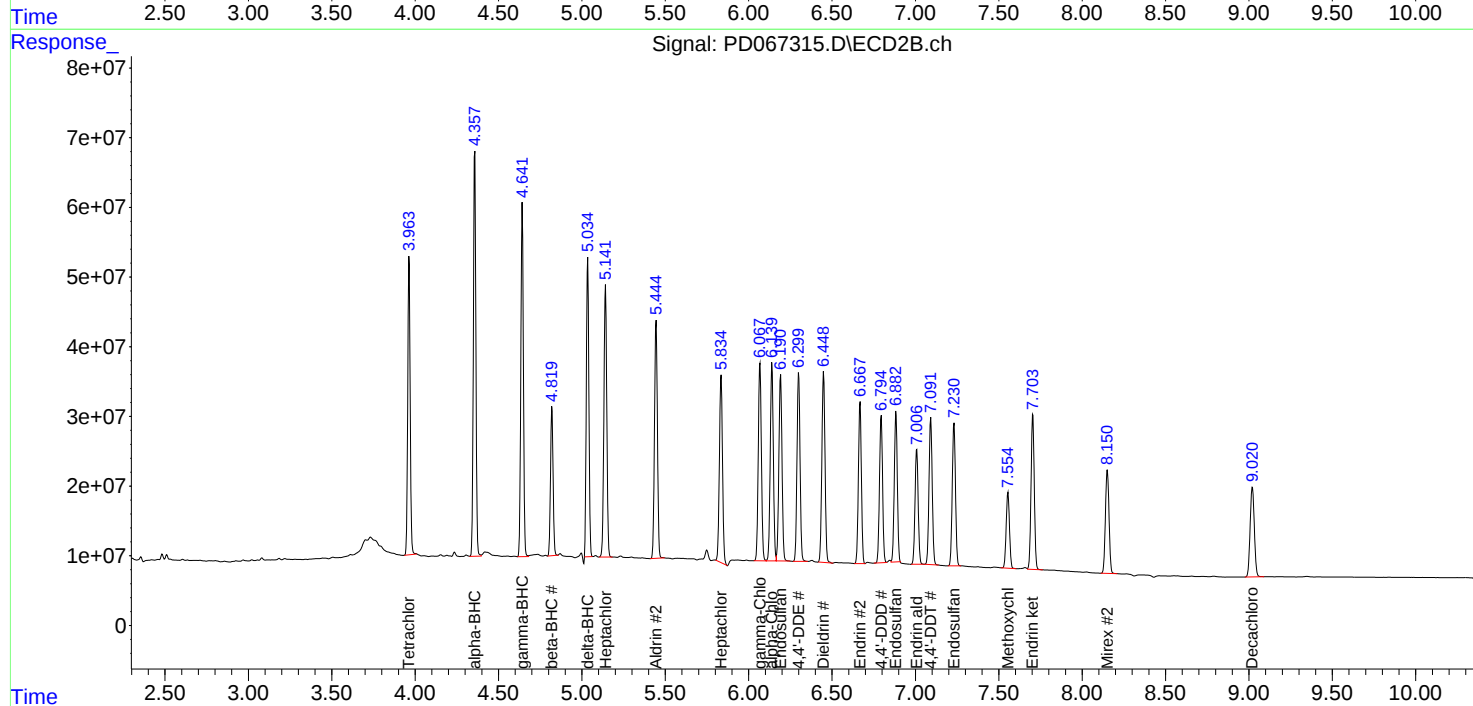
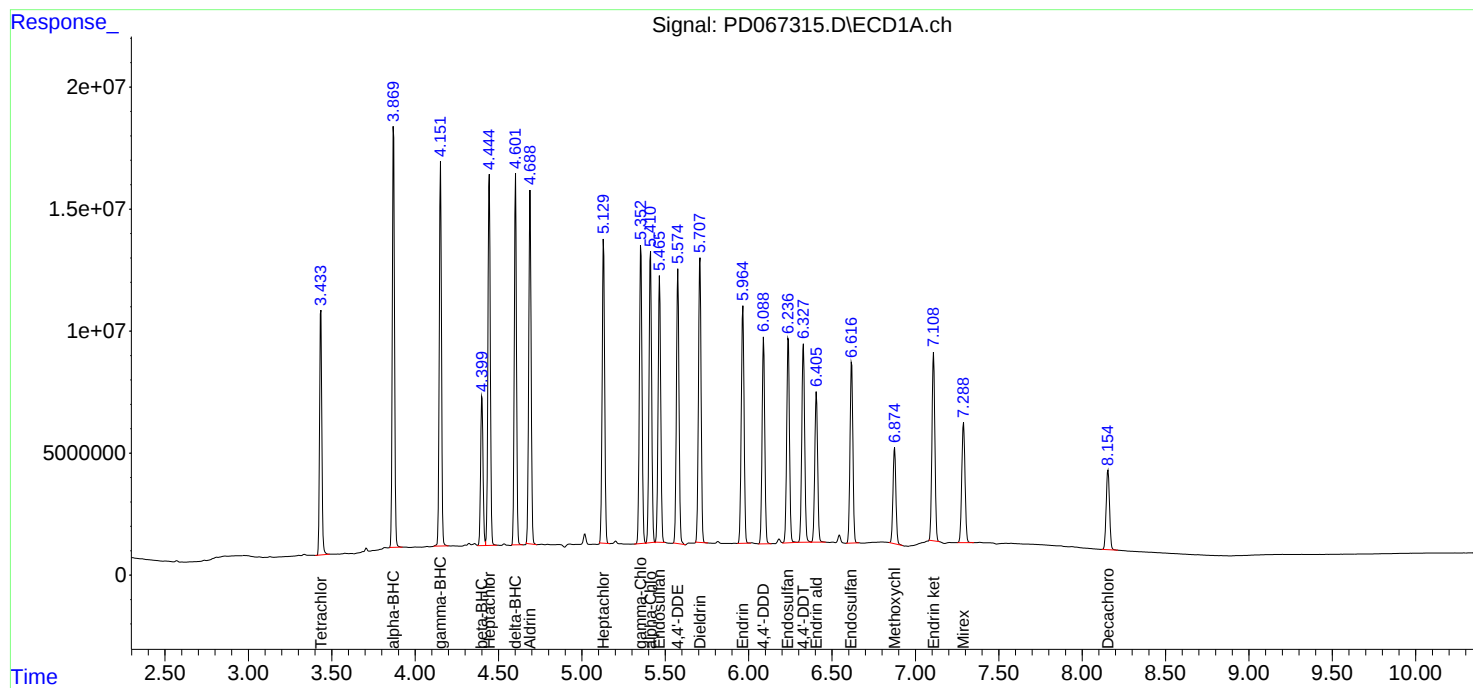
Instrument :
 ECD_D
 ClientSampleId :
 ICVPD121421

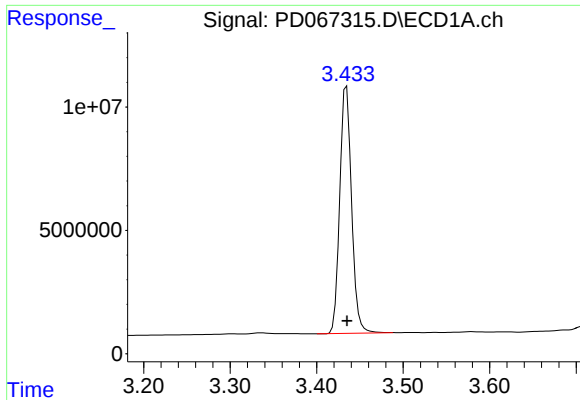
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 Supervised By : Ankita Jodhani 12/15/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 04:30:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 04:06:22 2021
 Response via : Initial Calibration
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





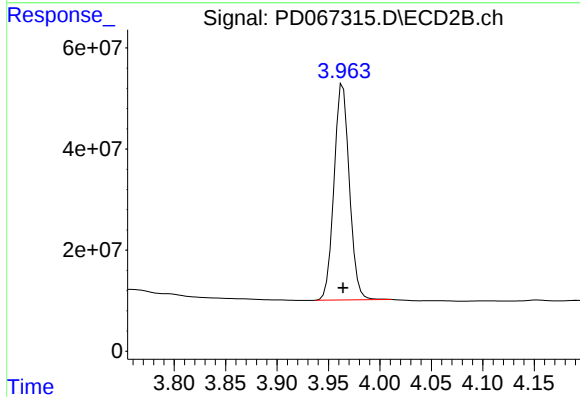
#1 Tetrachloro-m-xylene

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 94369237
Conc: 51.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

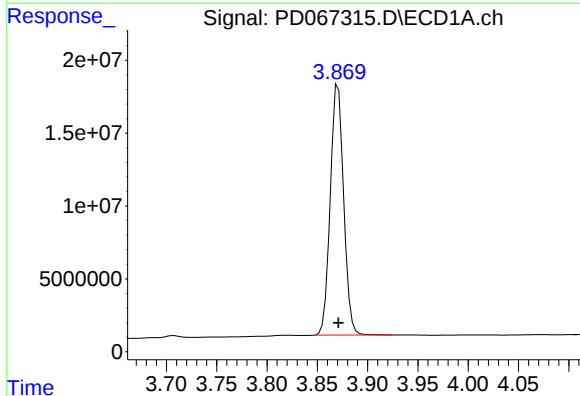
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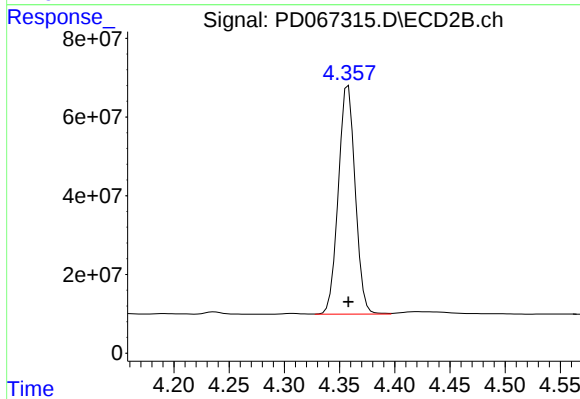
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 443878126
Conc: 50.31 ng/ml



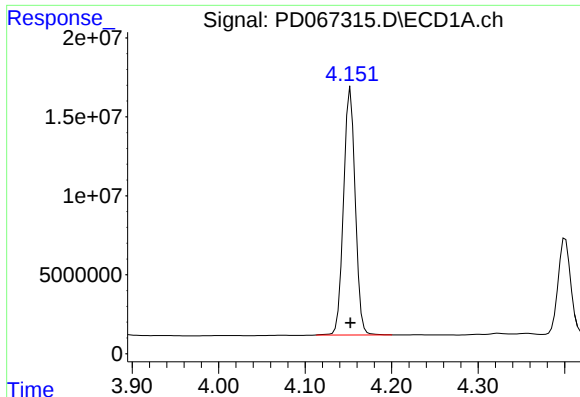
#2 alpha-BHC

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 158839450
Conc: 52.78 ng/ml



#2 alpha-BHC

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 616914765
Conc: 49.56 ng/ml



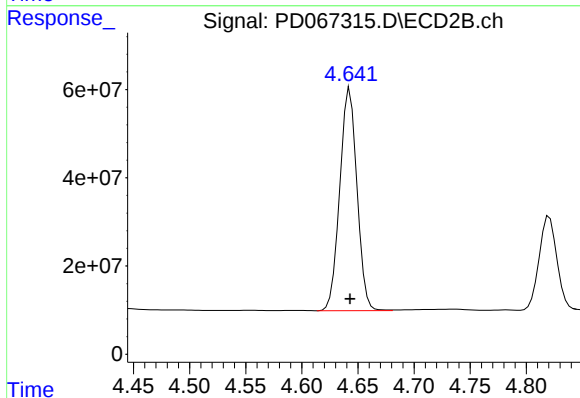
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 145645653
Conc: 52.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

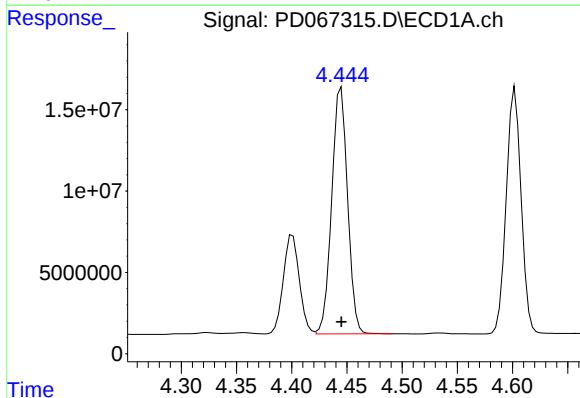
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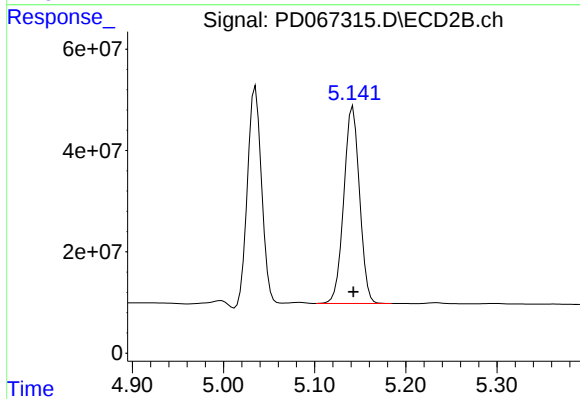
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 538523128
Conc: 49.31 ng/ml



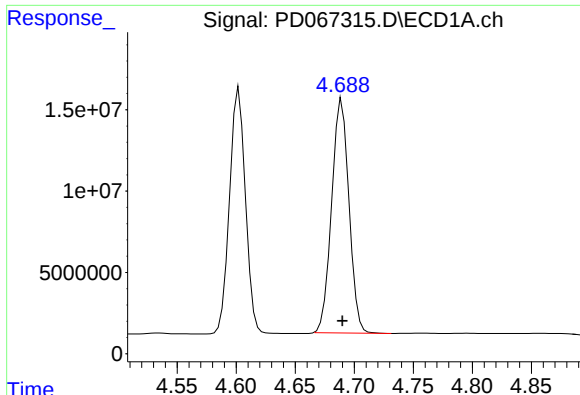
#4 Heptachlor

R.T.: 4.445 min
Delta R.T.: 0.000 min
Response: 151774623
Conc: 52.90 ng/ml



#4 Heptachlor

R.T.: 5.142 min
Delta R.T.: 0.000 min
Response: 466238443
Conc: 50.13 ng/ml



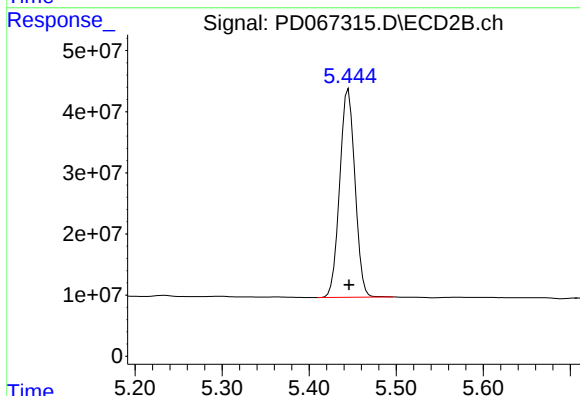
#5 Aldrin

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 146847781
Conc: 52.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

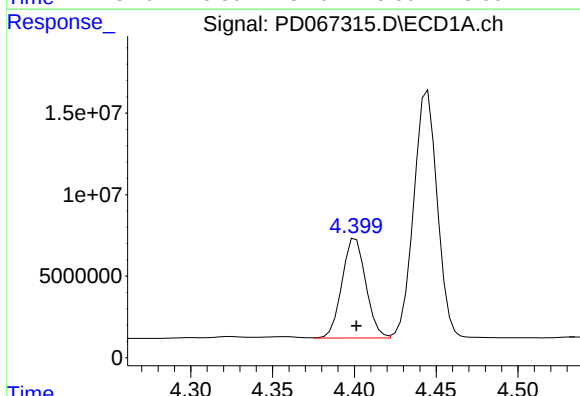
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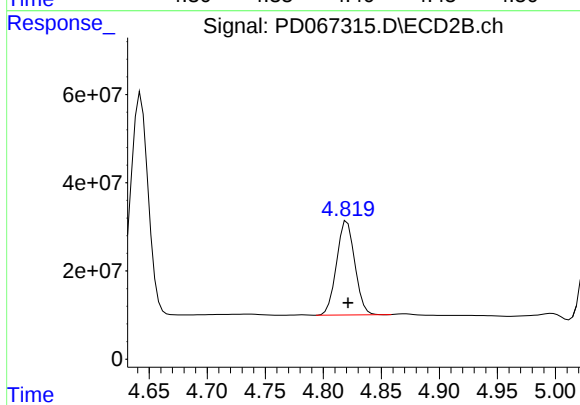
#5 Aldrin

R.T.: 5.445 min
Delta R.T.: 0.000 min
Response: 414794351
Conc: 49.53 ng/ml



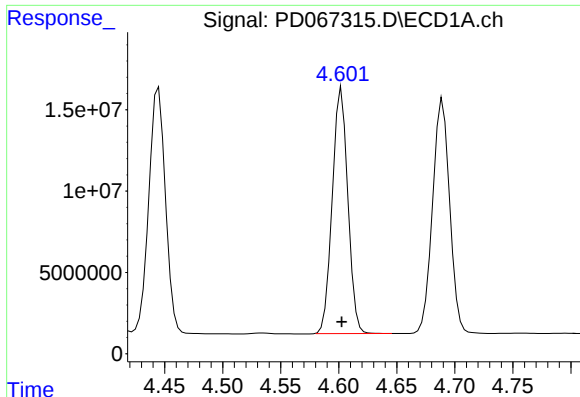
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: 0.000 min
Response: 61671630
Conc: 49.95 ng/ml



#6 beta-BHC

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 233299403
Conc: 49.57 ng/ml



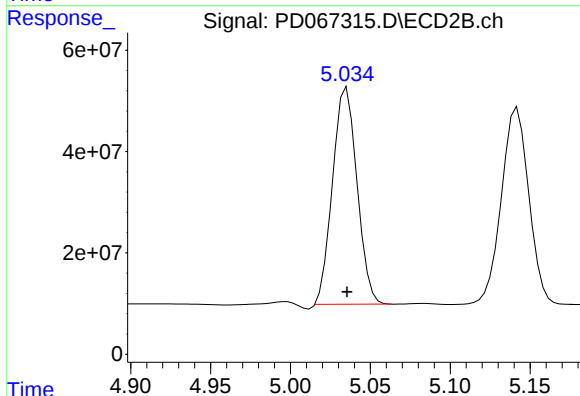
#7 delta-BHC

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 141401971
Conc: 52.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

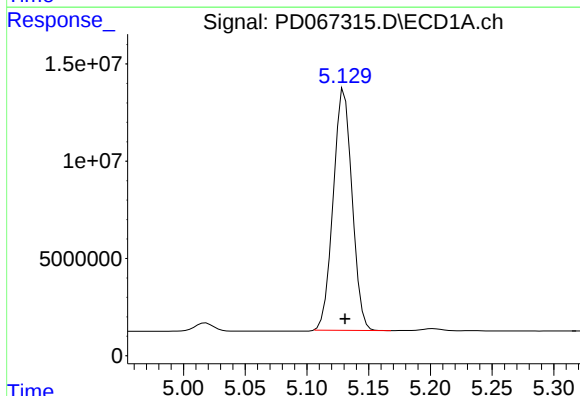
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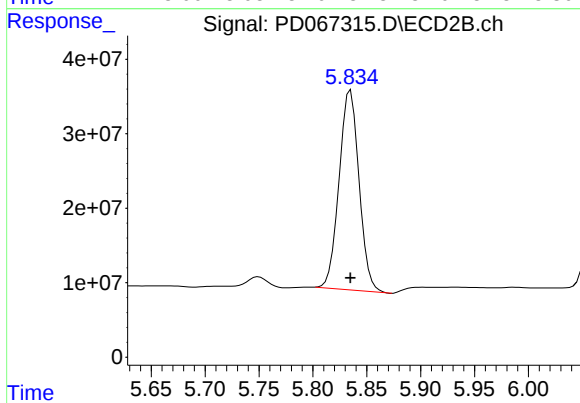
#7 delta-BHC

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 453500690
Conc: 47.62 ng/ml m



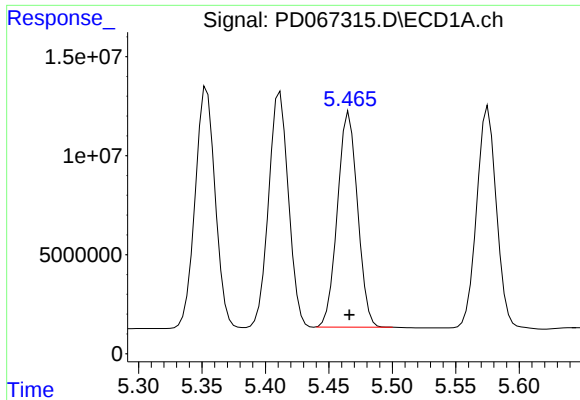
#8 Heptachlor epoxide

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 131704121
Conc: 52.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 344767474
Conc: 52.68 ng/ml



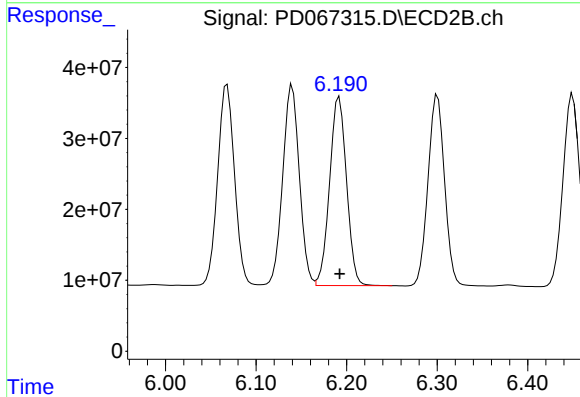
#9 Endosulfan I

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 119917081
Conc: 52.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

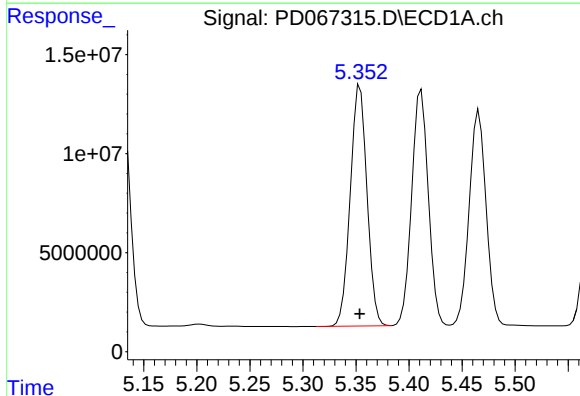
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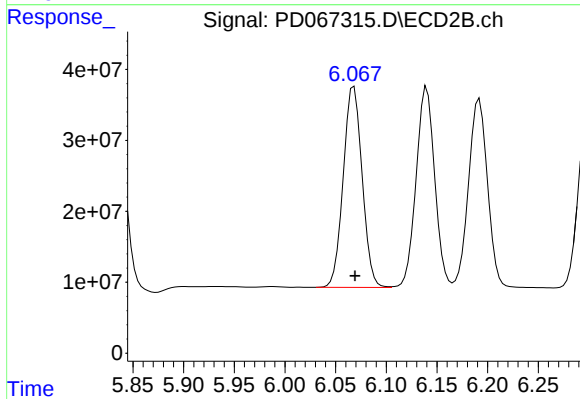
#9 Endosulfan I

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 346281365
Conc: 50.31 ng/ml



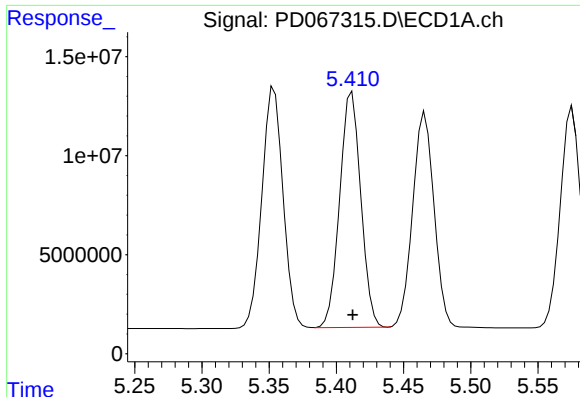
#10 gamma-Chlordane

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 133365005
Conc: 52.33 ng/ml



#10 gamma-Chlordane

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 366291563
Conc: 50.34 ng/ml



#11 alpha-Chlordane

R.T.: 5.412 min
Delta R.T.: 0.000 min
Response: 129491965
Conc: 52.09 ng/ml

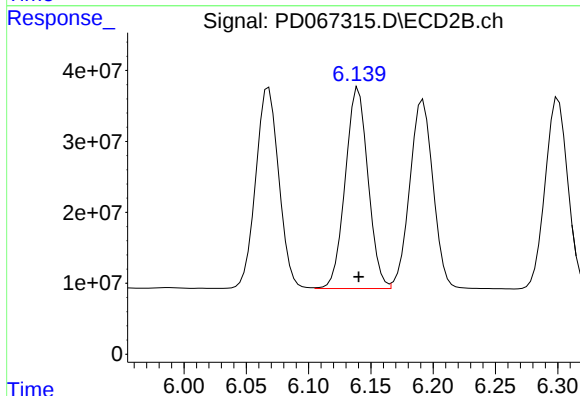
Instrument :

ECD_D

ClientSampleId :
ICVPD121421

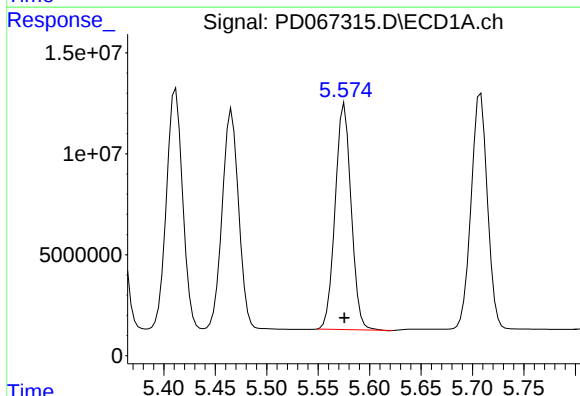
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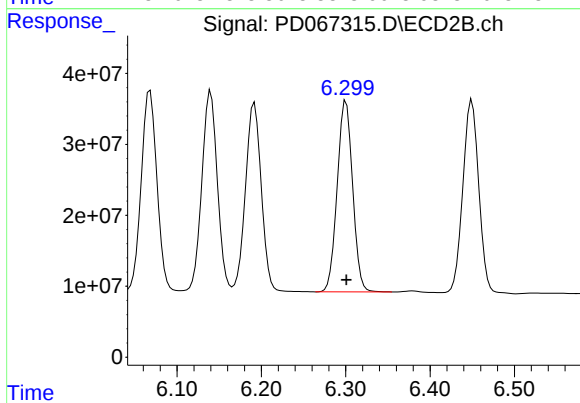
#11 alpha-Chlordane

R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 361445416
Conc: 50.13 ng/ml



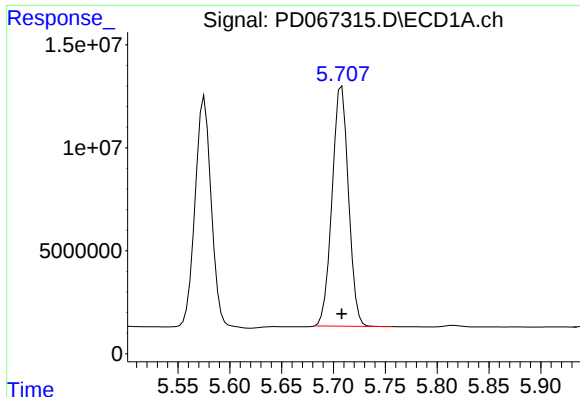
#12 4,4'-DDE

R.T.: 5.576 min
Delta R.T.: 0.000 min
Response: 121009294
Conc: 52.71 ng/ml



#12 4,4'-DDE

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 342978475
Conc: 51.08 ng/ml



#13 Dieldrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 128114850
Conc: 52.36 ng/ml

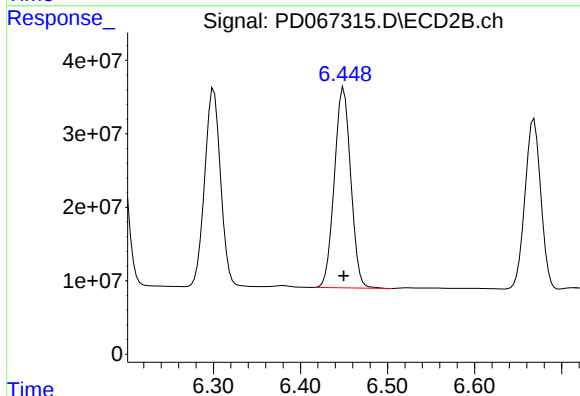
Instrument :

ECD_D

ClientSampleId :
ICVPD121421

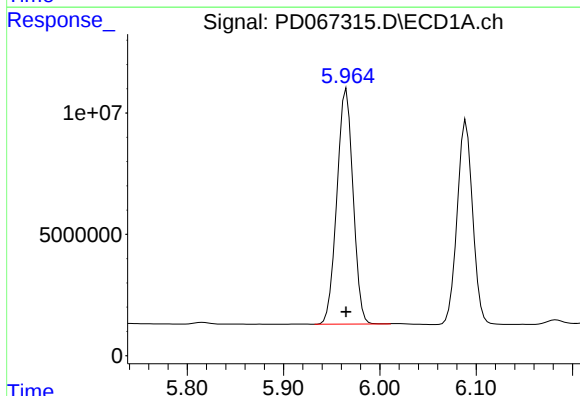
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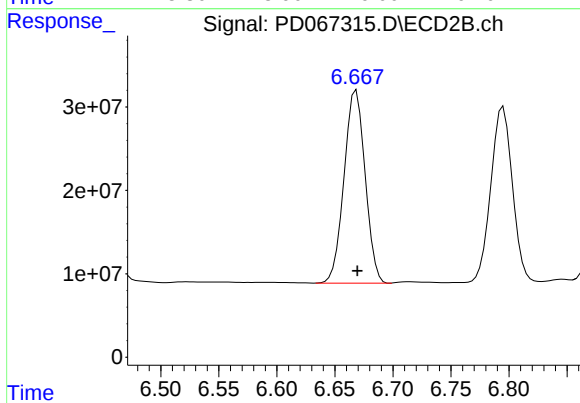
#13 Dieldrin

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 357005341
Conc: 50.55 ng/ml



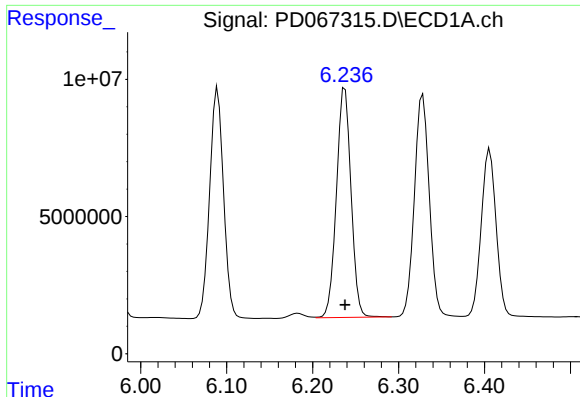
#14 Endrin

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 113010865
Conc: 52.21 ng/ml



#14 Endrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 292266956
Conc: 48.53 ng/ml



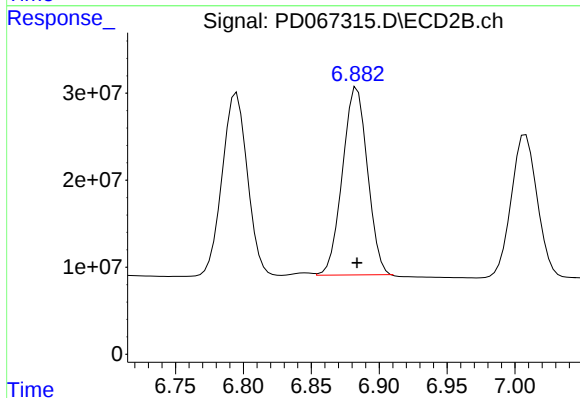
#15 Endosulfan II

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 98524686
Conc: 50.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

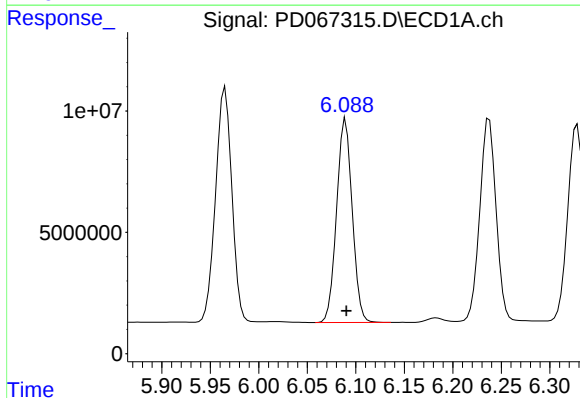
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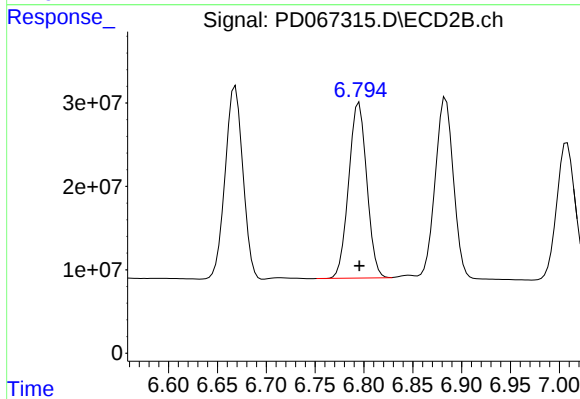
#15 Endosulfan II

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 276684687
Conc: 49.01 ng/ml



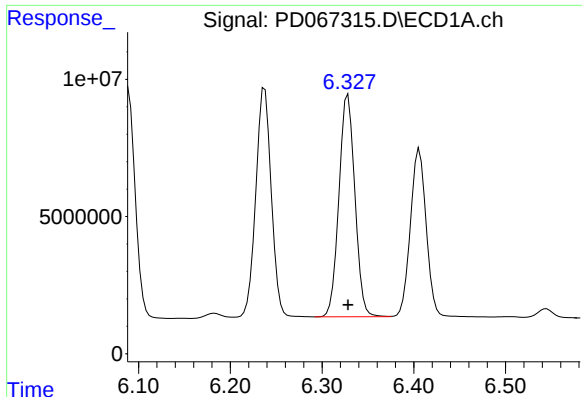
#16 4,4'-DDD

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 94094640
Conc: 53.08 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 271562443
Conc: 50.43 ng/ml



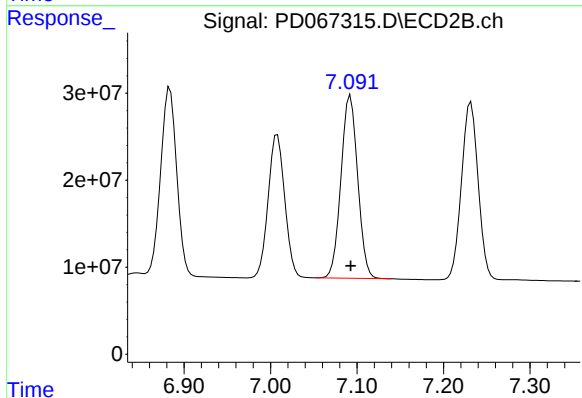
#17 4,4'-DDT

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 97665912
Conc: 53.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

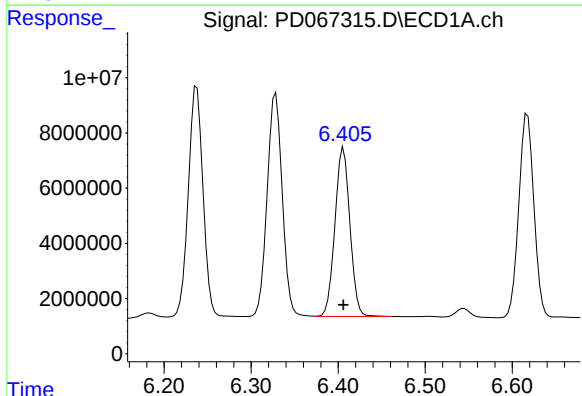
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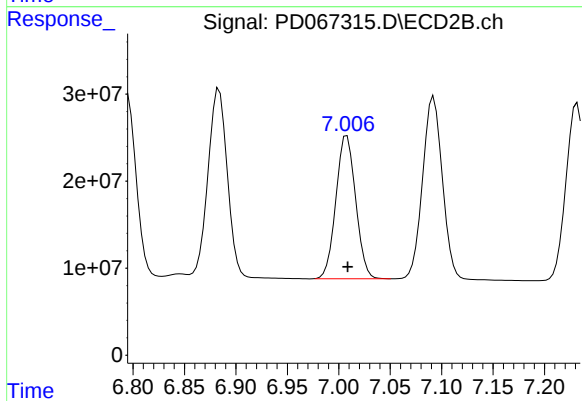
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 280096335
Conc: 51.24 ng/ml



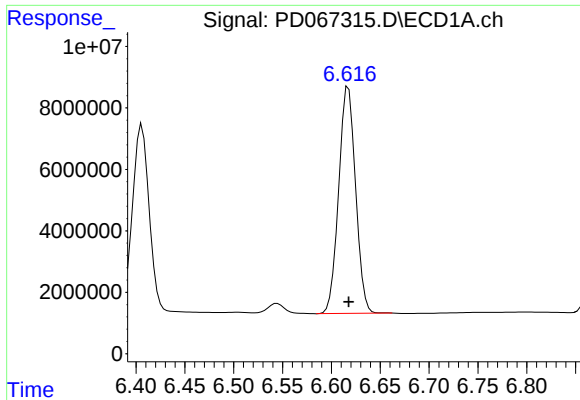
#18 Endrin aldehyde

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 73215105
Conc: 50.58 ng/ml



#18 Endrin aldehyde

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 219504179
Conc: 50.65 ng/ml



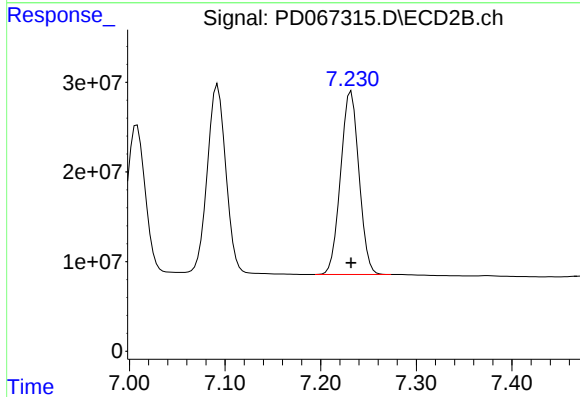
#19 Endosulfan Sulfate

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 88839388
Conc: 50.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

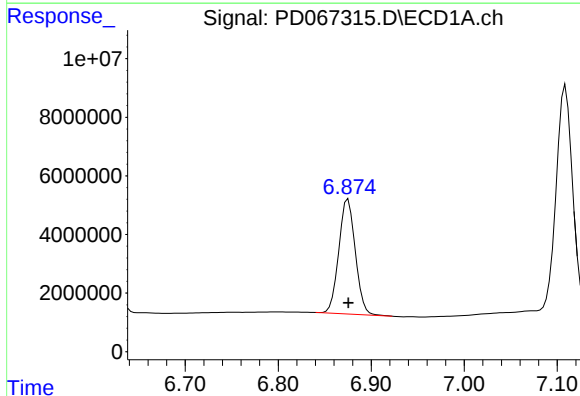
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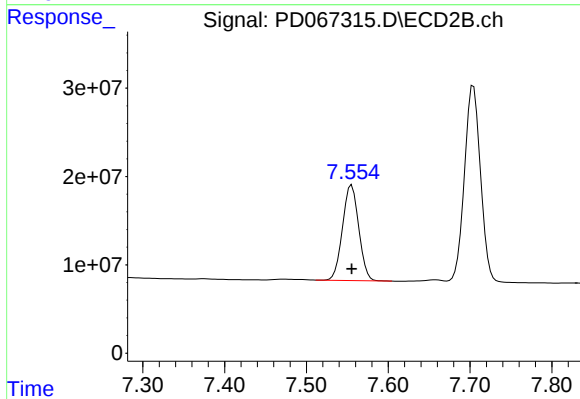
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: 0.000 min
Response: 273812723
Conc: 50.15 ng/ml



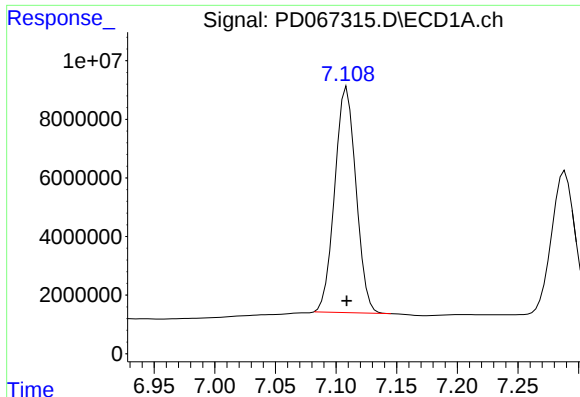
#20 Methoxychlor

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 48304062
Conc: 49.92 ng/ml



#20 Methoxychlor

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 148280871
Conc: 50.90 ng/ml



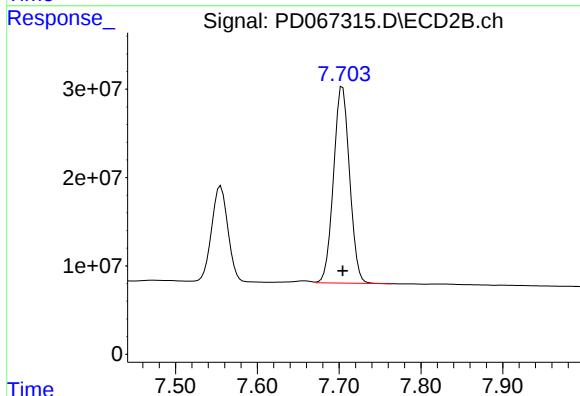
#21 Endrin ketone

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 93693744
Conc: 49.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD121421

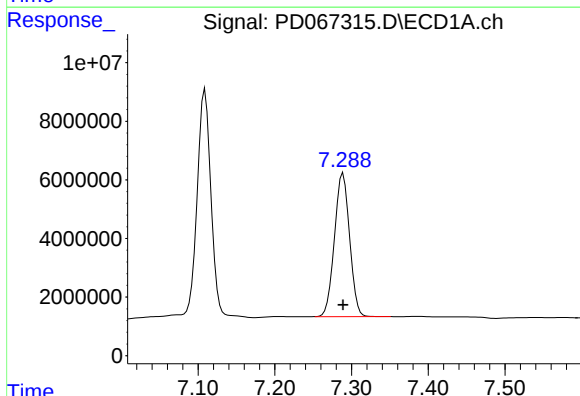
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2021
Supervised By :Ankita Jodhani 12/15/2021



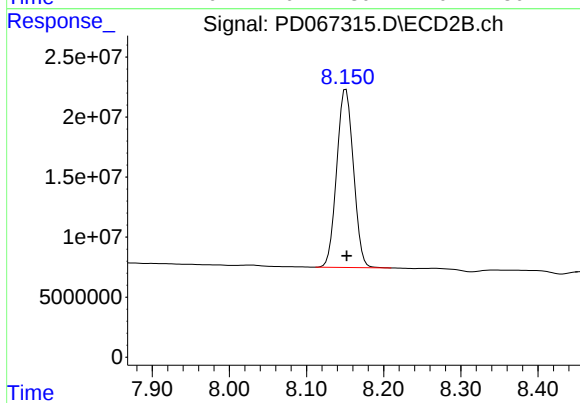
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 303352811
Conc: 49.09 ng/ml



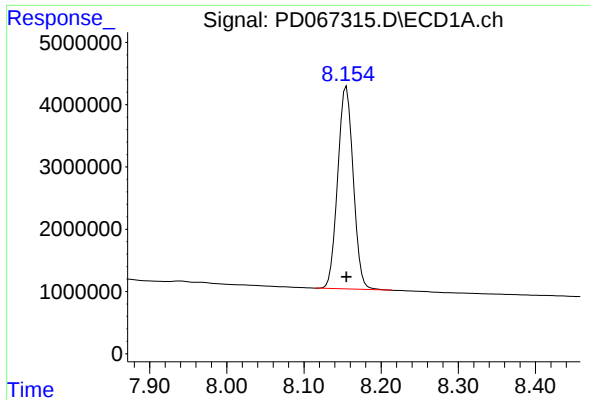
#22 Mirex

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 67058122
Conc: 48.80 ng/ml



#22 Mirex

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 223175101
Conc: 50.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 45352773
Conc: 49.20 ng/ml

Instrument :

ECD_D

ClientSampleId :

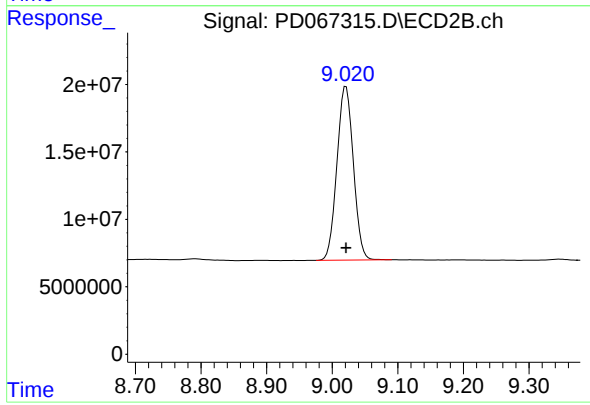
ICVPD121421

Manual Integrations

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Supervised By :Ankita Jodhani 12/15/2021



#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 224323640
Conc: 50.46 ng/ml