

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074830.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 16:23
 Operator : AR\AJ
 Sample : PB152260BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB152260BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:50:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.548	2.768	59996698	32179711	25.154	24.686
28)	SA Decachlor...	9.093	7.920	70624184	29717057	23.256	22.279
Target Compounds							
2)	A alpha-BHC	4.005	3.272	233.9E6	106.1E6	56.237	54.336
3)	MA gamma-BHC...	4.339	3.602	214.8E6	97597783	55.350	53.778
4)	MA Heptachlor	4.931	3.944	216.5E6	96360730	55.364	52.098
5)	MB Aldrin	5.274	4.224	222.8E6	99736467	57.982	53.948
6)	B beta-BHC	4.534	3.897	84745924	40661252	50.517	50.063
7)	B delta-BHC	4.783	4.129	210.5E6	99817803	66.007	53.089
8)	B Heptachlo...	5.701	4.726	192.3E6	89213528	59.526	52.609
9)	A Endosulfan I	6.088	5.097	177.6E6	81892463	54.435	51.065
10)	B gamma-Chl...	5.958	4.978	197.1E6	90694637	56.849	52.378
11)	B alpha-Chl...	6.037	5.042	193.4E6	88899352	55.661	51.891
12)	B 4,4'-DDE	6.209	5.231	180.9E6	83688416	56.428	53.360
13)	MA Dieldrin	6.364	5.363	194.6E6	90758227	57.054	54.057
14)	MA Endrin	6.594	5.638	160.5E6	79629974	55.256	52.770
15)	B Endosulfa...	6.813	5.932	161.7E6	75762116	56.360	55.098
16)	A 4,4'-DDD	6.727	5.786	145.7E6	70187496	54.986	53.238
17)	MA 4,4'-DDT	7.042	6.038	146.4E6	68607762	50.247	50.798
18)	B Endrin al...	6.942	6.112	129.6E6	62047730	56.432m	55.582
19)	B Endosulfa...	7.178	6.335	150.5E6	71890171	52.099	52.021
20)	A Methoxychlor	7.518	6.614	78672815	37837117	48.310	50.201
21)	B Endrin ke...	7.665	6.841	168.7E6	83567222	51.782	51.137
22)	Mirex	8.141	7.026	121.0E6	62636023	48.709	48.544

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
Data File : PD074830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 16:23
Operator : AR\AJ
Sample : PB152260BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB152260BS

Manual Integrations

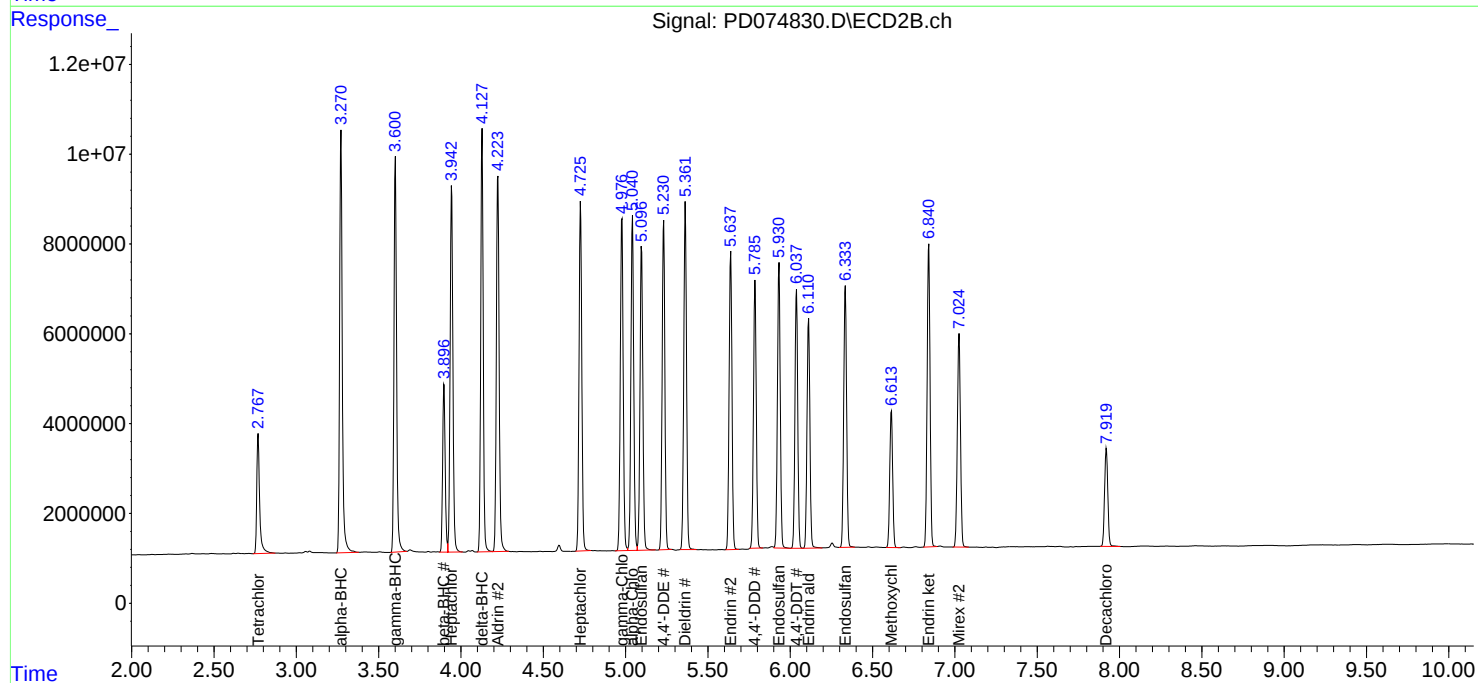
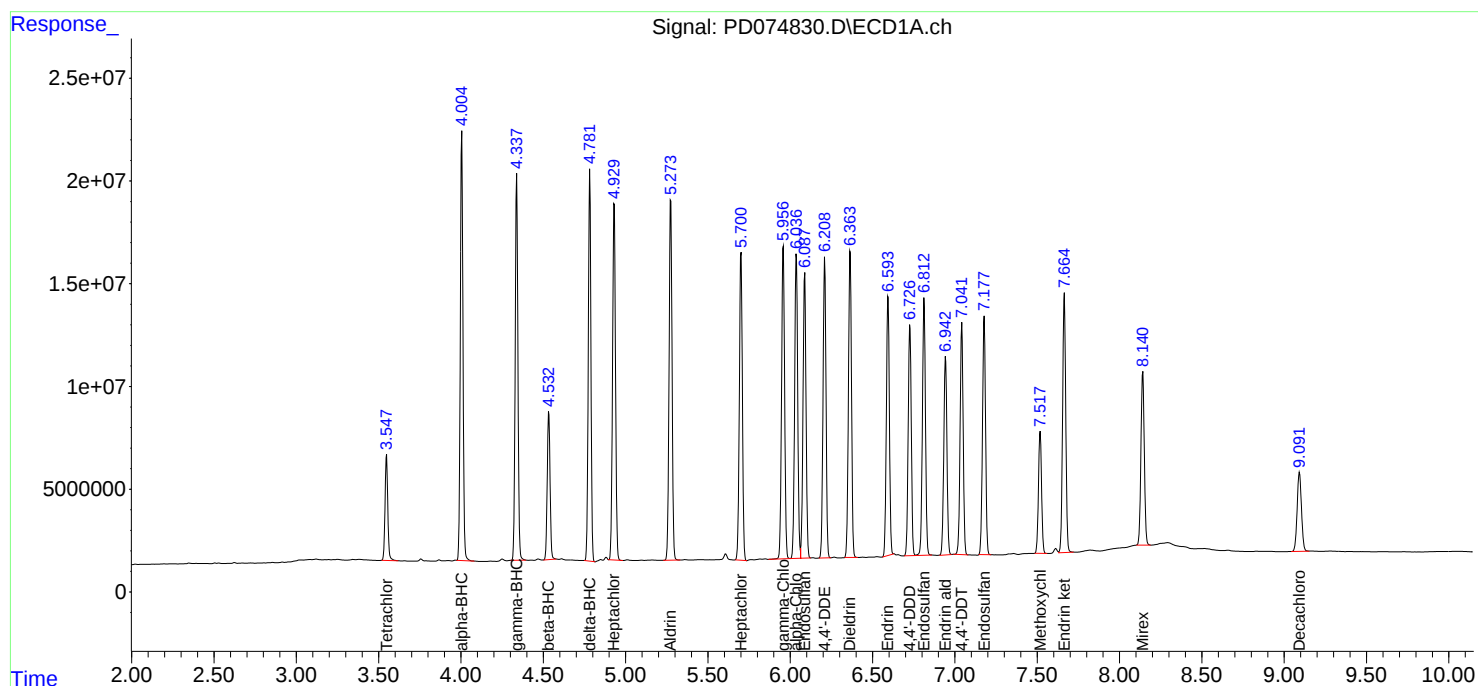
APPROVED

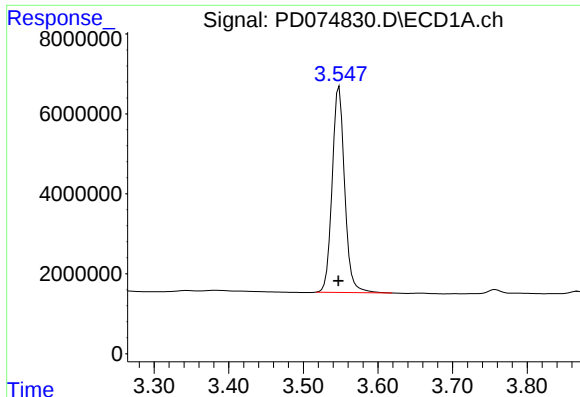
Reviewed By :Yogesh Patel 04/21/2023

Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 21:50:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
Quant Title : GC Extractables
QLast Update : Tue Apr 18 13:17:37 2023
Response via : Initial Calibration
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Volume Inj. : 2 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





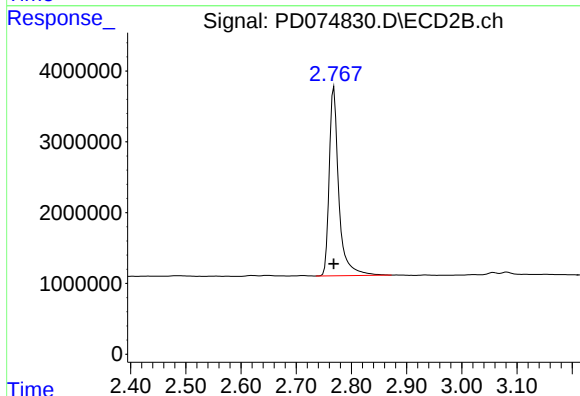
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 59996698
Conc: 25.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

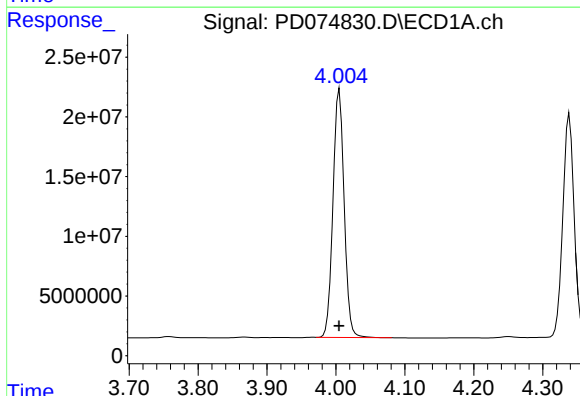
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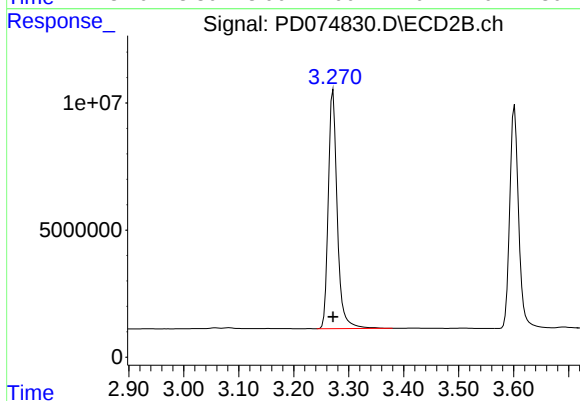
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 32179711
Conc: 24.69 ng/ml



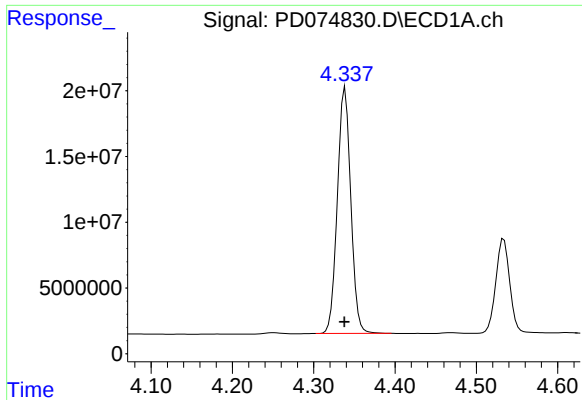
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 233904300
Conc: 56.24 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 106091954
Conc: 54.34 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 214818296
Conc: 55.35 ng/ml

Instrument :

ECD_D

ClientSampleId :

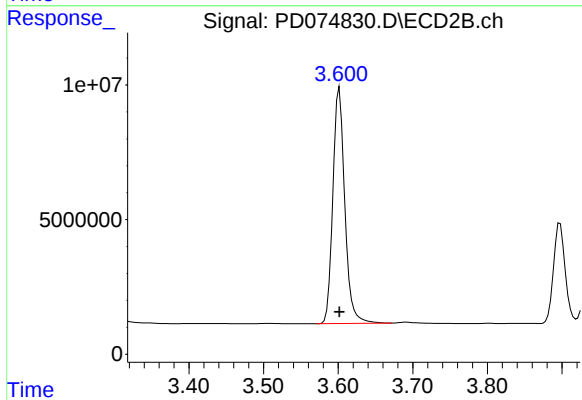
PB152260BS

Manual Integrations

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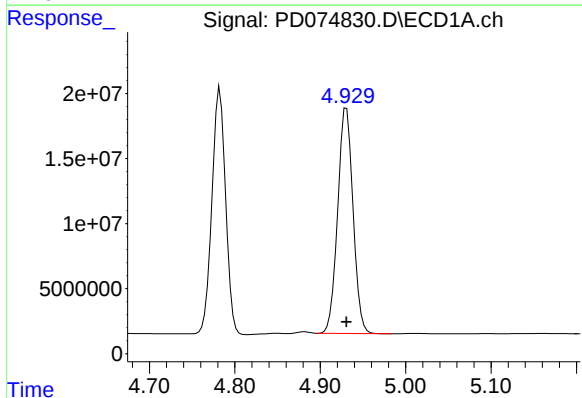
Reviewed By :Yogesh Patel 04/21/2023

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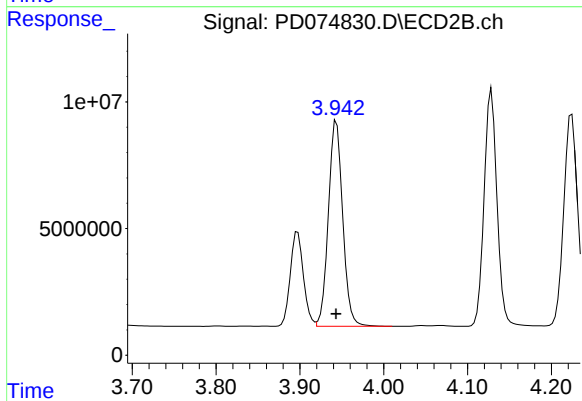
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 97597783
Conc: 53.78 ng/ml



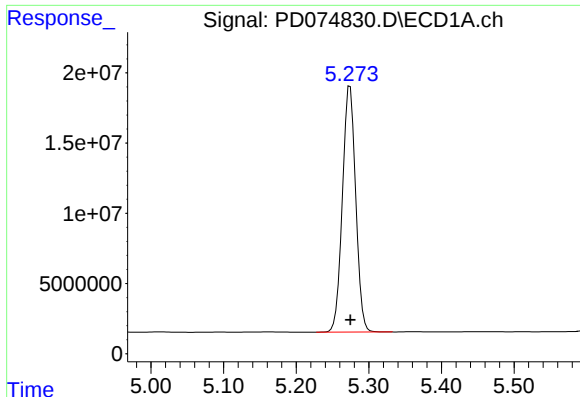
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 216536524
Conc: 55.36 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 96360730
Conc: 52.10 ng/ml



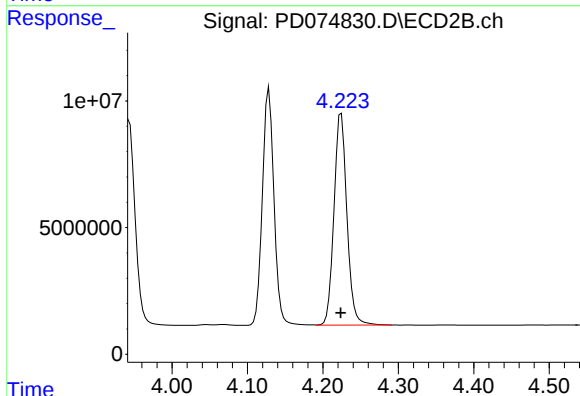
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 222818348
Conc: 57.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

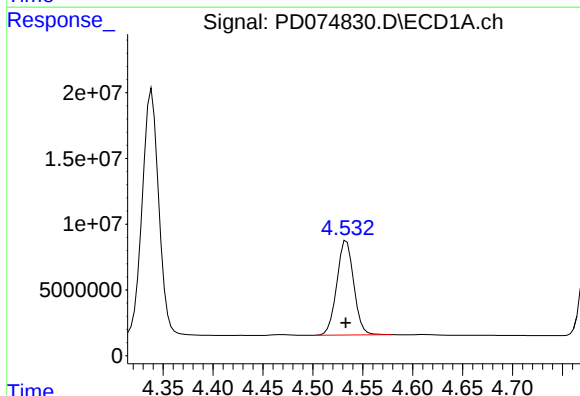
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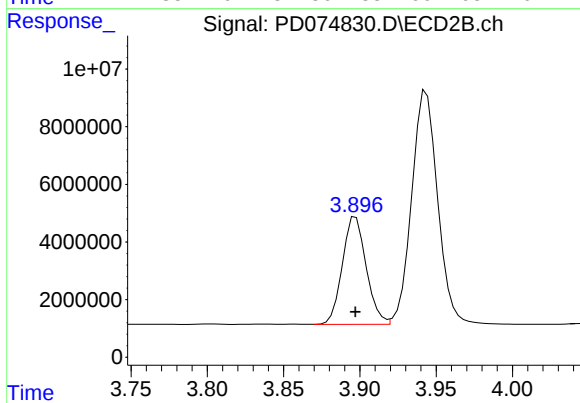
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 99736467
Conc: 53.95 ng/ml



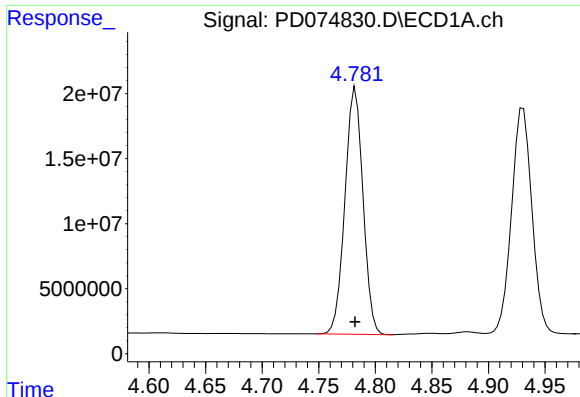
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 84745924
Conc: 50.52 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 40661252
Conc: 50.06 ng/ml



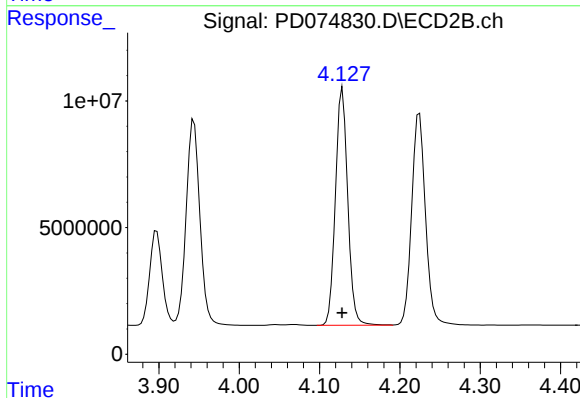
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 210469220
Conc: 66.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

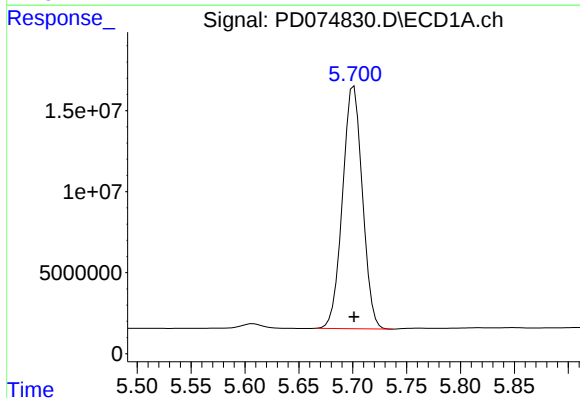
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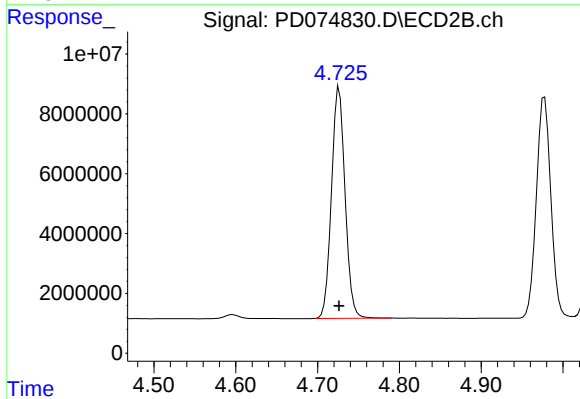
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 99817803
Conc: 53.09 ng/ml



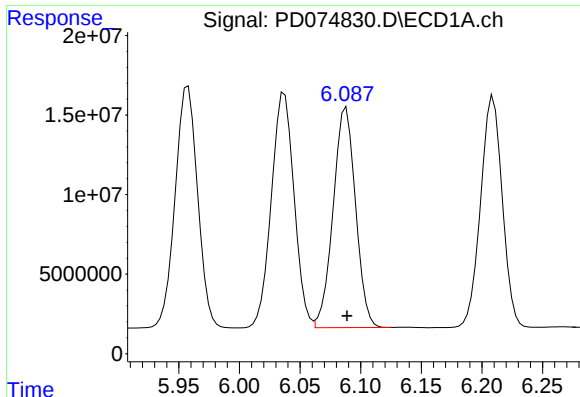
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 192346615
Conc: 59.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 89213528
Conc: 52.61 ng/ml



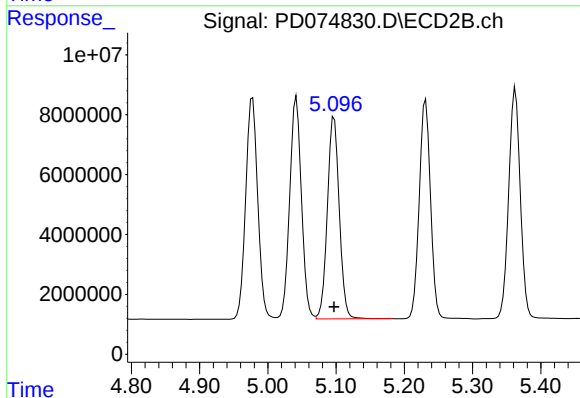
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 177611405
Conc: 54.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

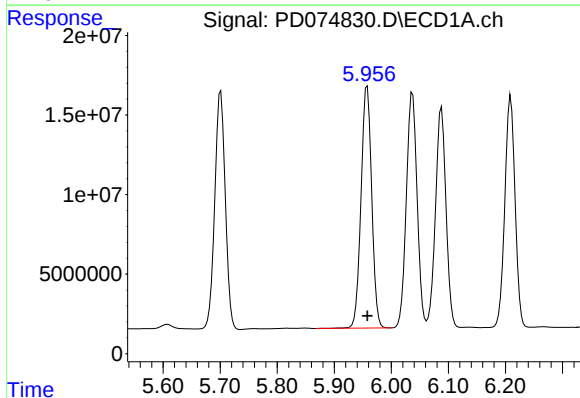
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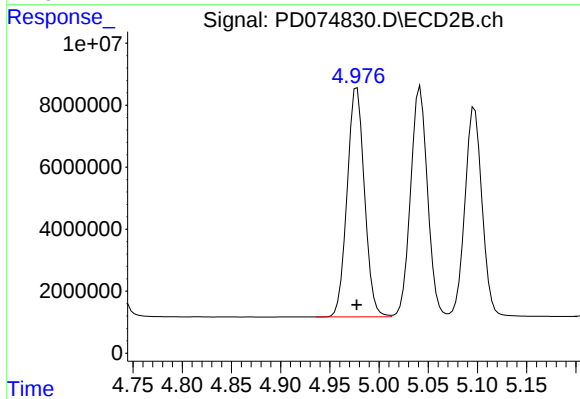
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 81892463
Conc: 51.07 ng/ml



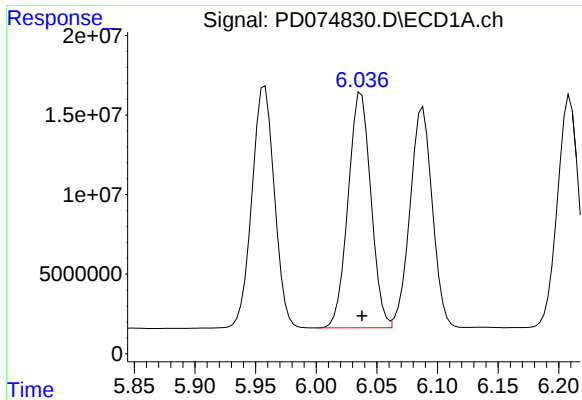
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 197149604
Conc: 56.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 90694637
Conc: 52.38 ng/ml



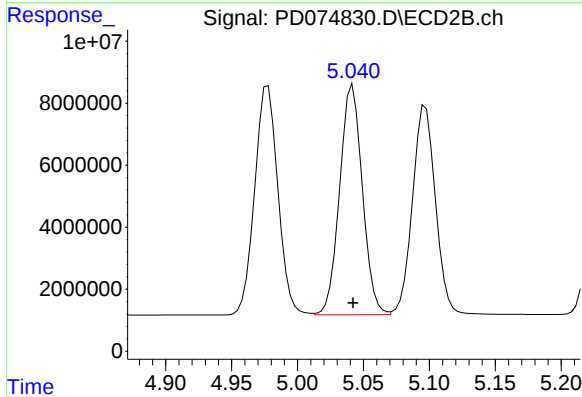
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 193360112
Conc: 55.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

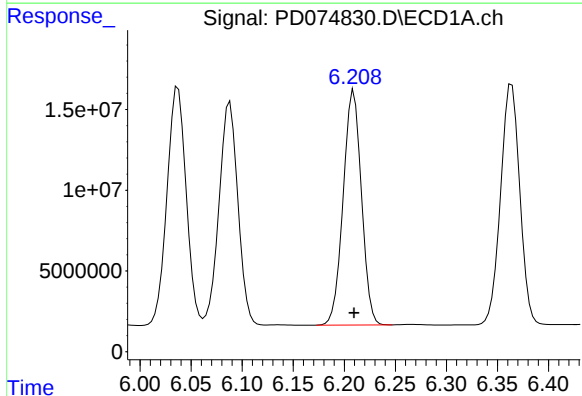
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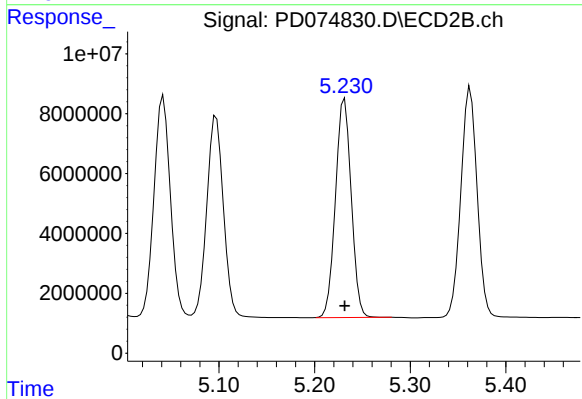
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 88899352
Conc: 51.89 ng/ml



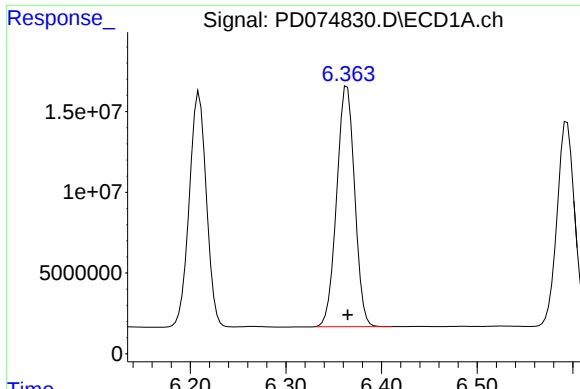
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 180905926
Conc: 56.43 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 83688416
Conc: 53.36 ng/ml



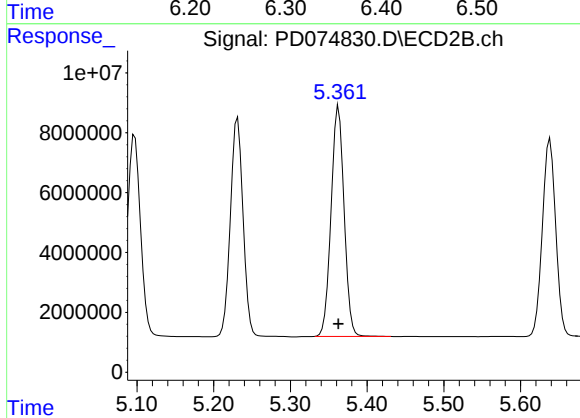
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 194613248
Conc: 57.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

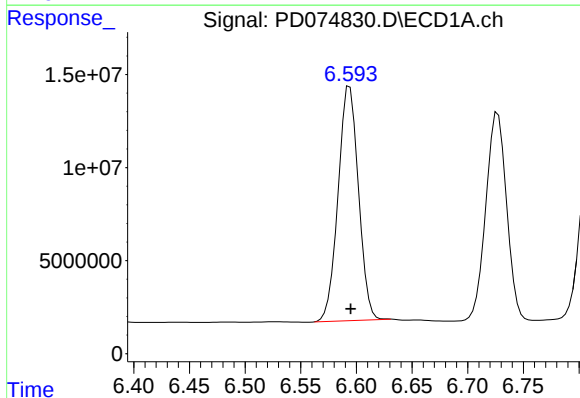
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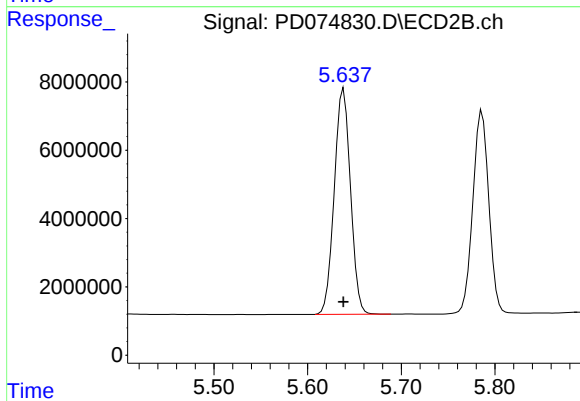
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 90758227
Conc: 54.06 ng/ml



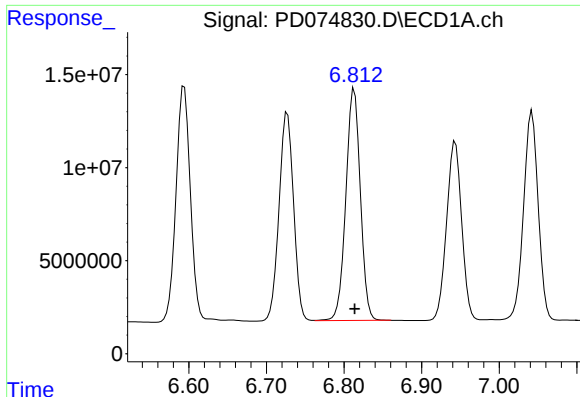
#14 Endrin

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 160546541
Conc: 55.26 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 79629974
Conc: 52.77 ng/ml



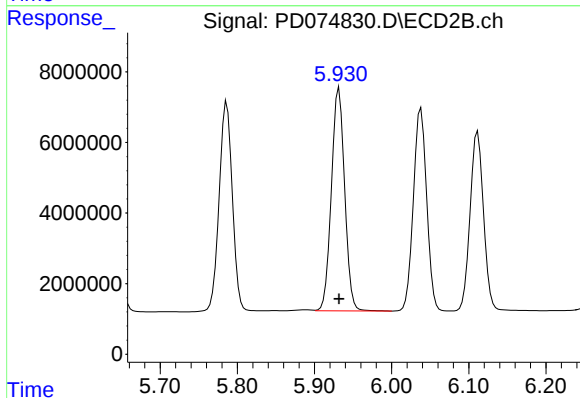
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 161707233
Conc: 56.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

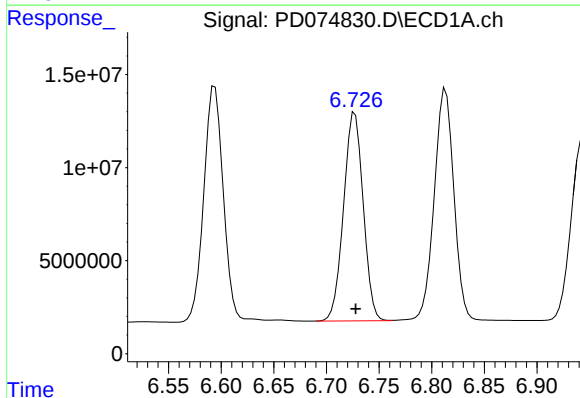
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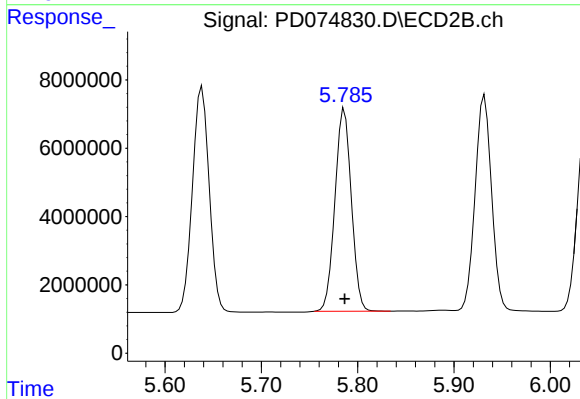
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 75762116
Conc: 55.10 ng/ml



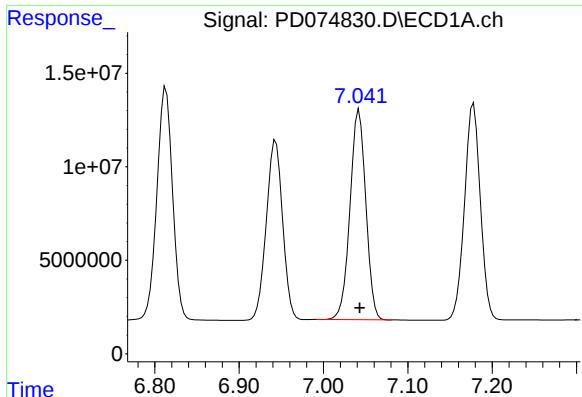
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 145698571
Conc: 54.99 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 70187496
Conc: 53.24 ng/ml



#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 146397359
Conc: 50.25 ng/ml

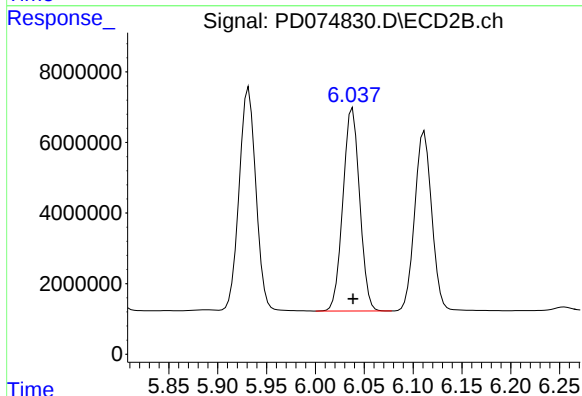
Instrument :

ECD_D

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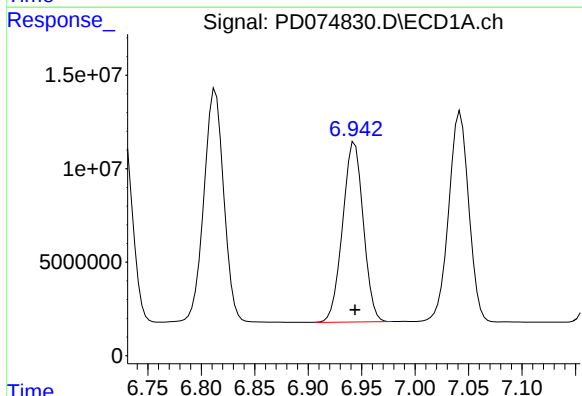
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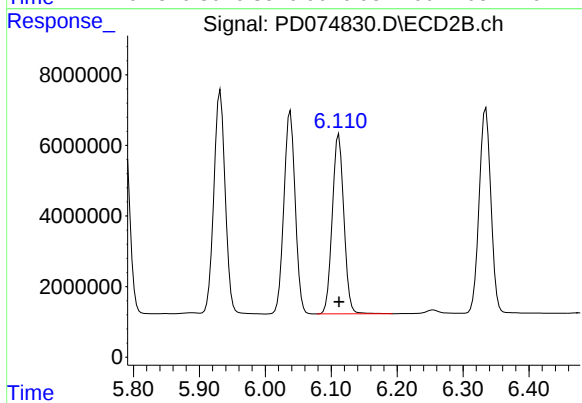
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 68607762
Conc: 50.80 ng/ml



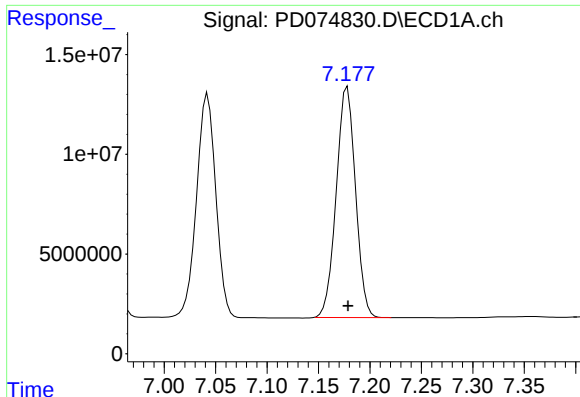
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.002 min
Response: 129584179
Conc: 56.43 ng/ml m



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 62047730
Conc: 55.58 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 150483970
Conc: 52.10 ng/ml

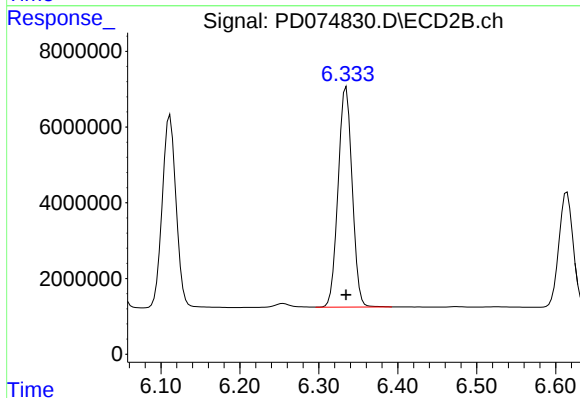
Instrument :

ECD_D

ClientSampleId :
PB152260BS

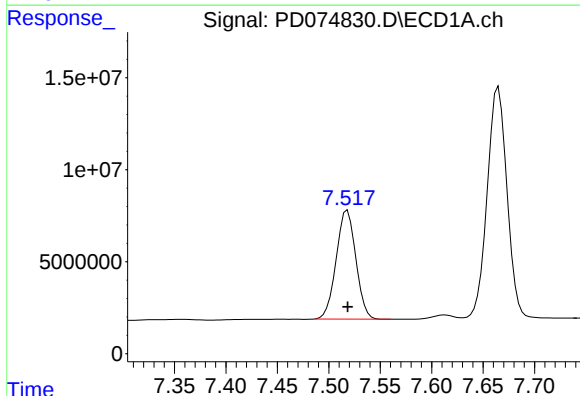
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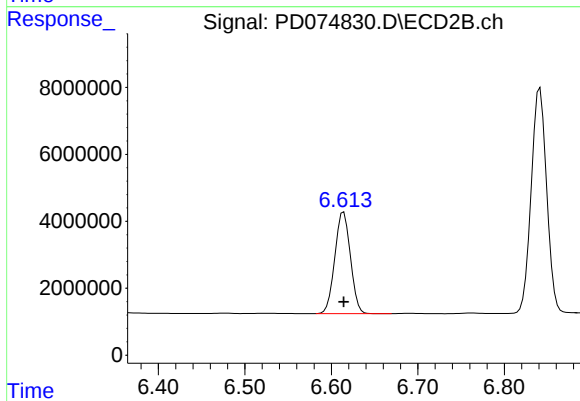
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 71890171
Conc: 52.02 ng/ml



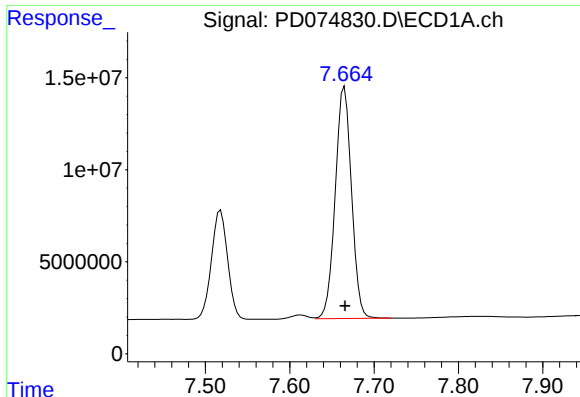
#20 Methoxychlor

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 78672815
Conc: 48.31 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 37837117
Conc: 50.20 ng/ml



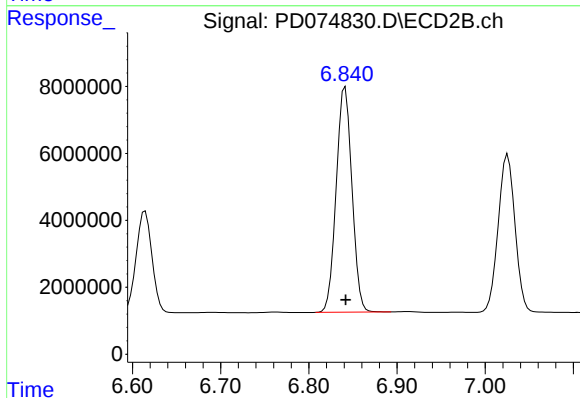
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 168657248
Conc: 51.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152260BS

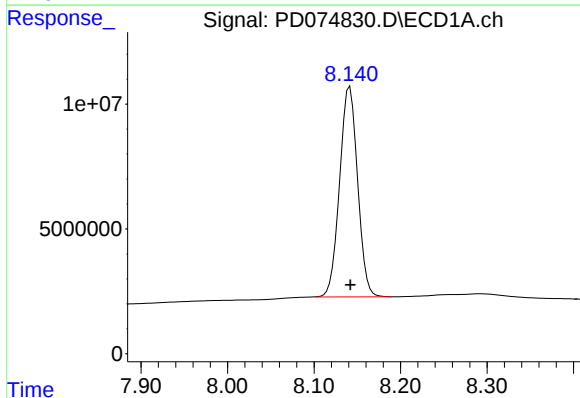
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



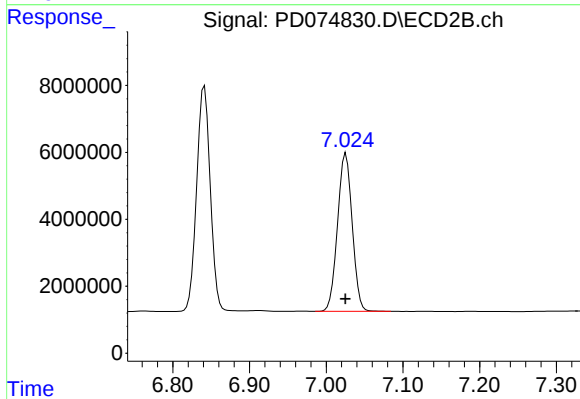
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 83567222
Conc: 51.14 ng/ml



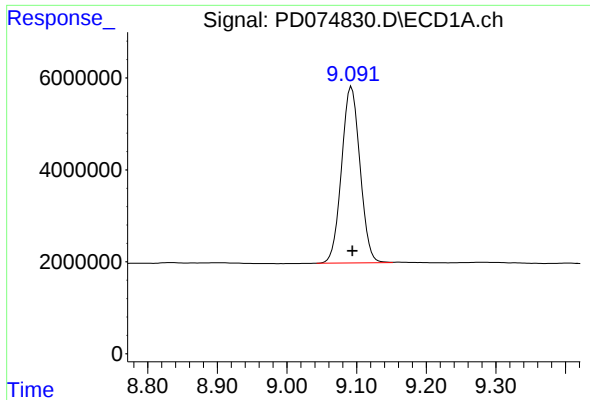
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 120951378
Conc: 48.71 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 62636023
Conc: 48.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: -0.001 min
Response: 70624184
Conc: 23.26 ng/ml

Instrument :

ECD_D

ClientSampleId :

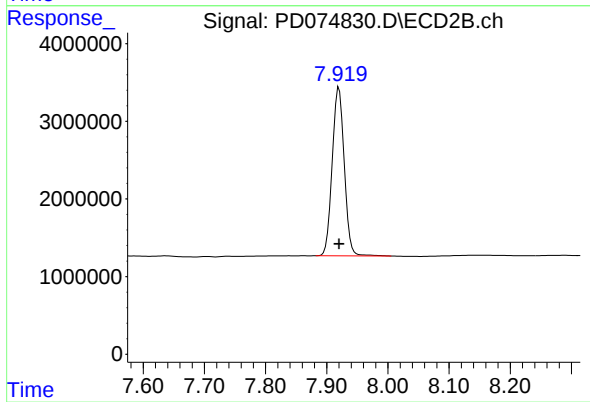
PB152260BS

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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 29717057
Conc: 22.28 ng/ml