

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021724\
 Data File : PD081472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2024 17:19
 Operator : AR\AJ
 Sample : PB158971BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158971BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/19/2024
 Supervised By : Ankita Jodhani 02/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 05:52:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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...	3.569	2.794	30491585	59985792	21.480	25.076
28)	SA Decachlor...	9.117	7.933	44425345	63968608	22.075	24.016
Target Compounds							
2)	A alpha-BHC	4.025	3.295	28152533	52511870	11.334	13.685
3)	MA gamma-BHC...	4.359	3.625	28935893	51913457	11.822	13.885
4)	MA Heptachlor	4.952	3.965	31385273	48261997	12.725	13.997
5)	MB Aldrin	5.295	4.245	30386596	48025425	12.379	13.187m
6)	B beta-BHC	4.553	3.920	13560064	23518733	13.401	15.051
7)	B delta-BHC	4.803	4.151	31119311	53565337	12.404	14.273
8)	B Heptachlo...	5.722	4.748	30183911	45130315	13.480	13.474
9)	A Endosulfan I	6.108	5.117	27403325	41177258	13.212	13.444
10)	B gamma-Chl...	5.976	4.998	27975192	44623368	12.779m	13.642
11)	B alpha-Chl...	6.058	5.062	28770209	44738600	13.213	13.683
12)	B 4,4'-DDE	6.228	5.249	26614682	41151278	13.079	13.434m
13)	MA Dieldrin	6.384	5.382	28449099	45653990	12.875	13.424
14)	MA Endrin	6.614	5.658	23349157	43666310	12.501	14.735
15)	B Endosulfa...	6.832	5.950	25810963	40325284	13.329	14.022
16)	A 4,4'-DDD	6.746	5.804	20793881	36015081	12.655	13.719
17)	MA 4,4'-DDT	7.060	6.056	21180410	34394185	11.893	12.964
18)	B Endrin al...	6.963	6.130	19799490	32371038	13.016	14.357
19)	B Endosulfa...	7.197	6.352	24906743	40207000	13.117	14.414
20)	A Methoxychlor	7.535	6.630	13186804	21143657	12.812	13.508
21)	B Endrin ke...	7.684	6.859	27800929	46065445	13.294	14.275
22)	Mirex	8.161	7.042	22428313	36122784	13.598	14.335

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021724\
Data File : PD081472.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2024 17:19
Operator : AR\AJ
Sample : PB158971BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

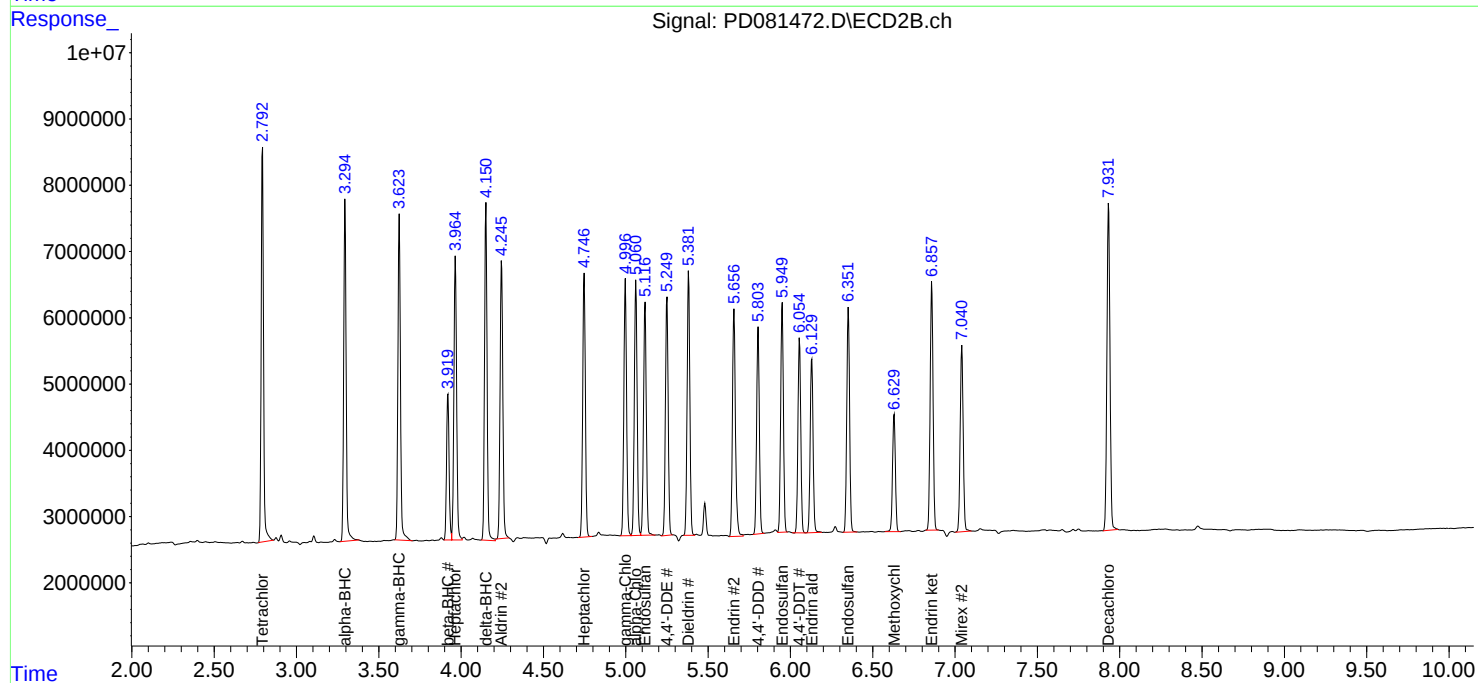
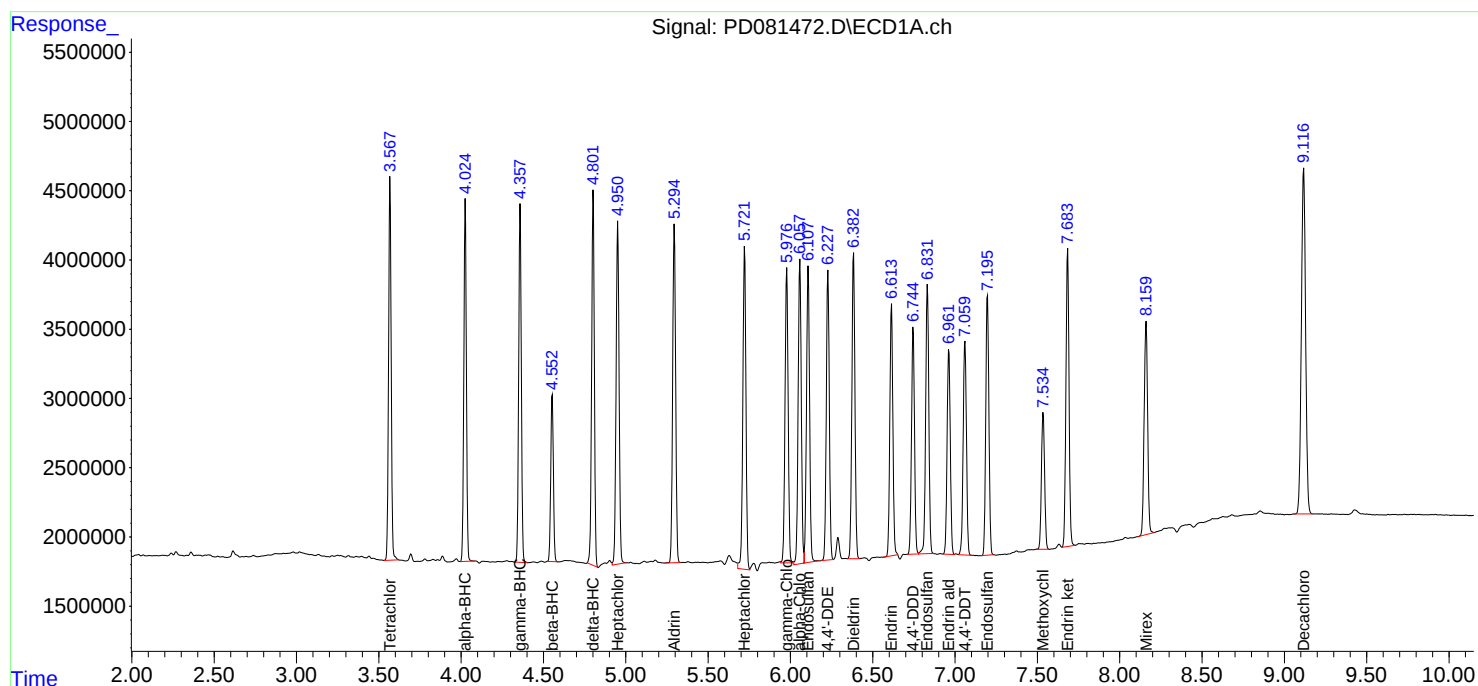
Instrument :
ECD_D
ClientSampleId :
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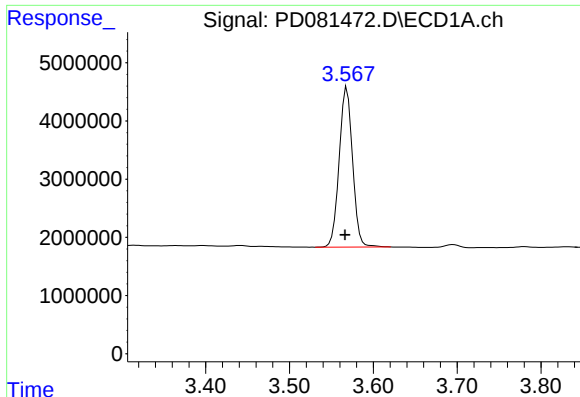
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 05:52:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
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QLast Update : Thu Jan 25 11:14:56 2024
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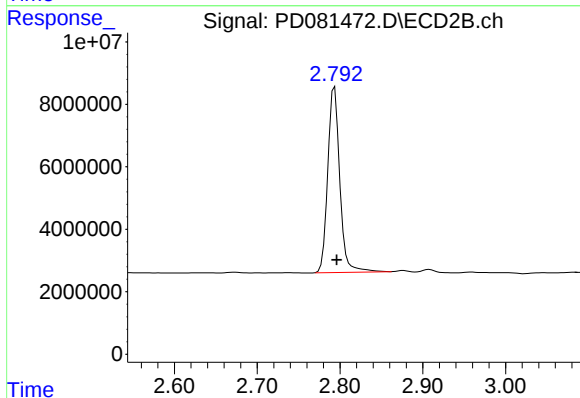
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.003 min
Response: 30491585
Conc: 21.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

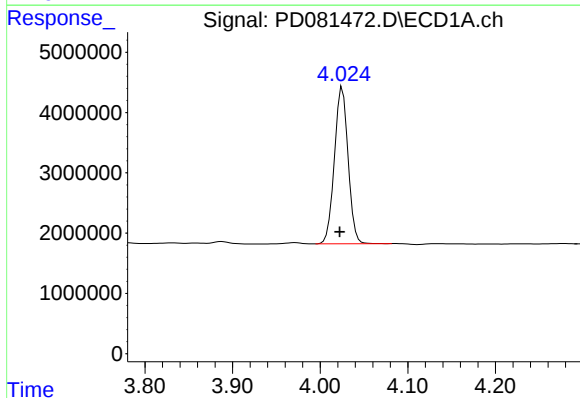
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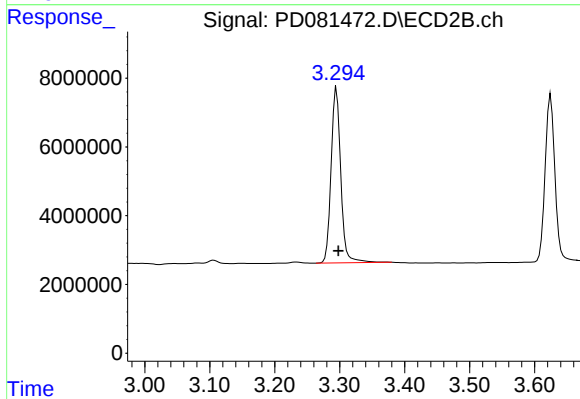
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.003 min
Response: 59985792
Conc: 25.08 ng/ml



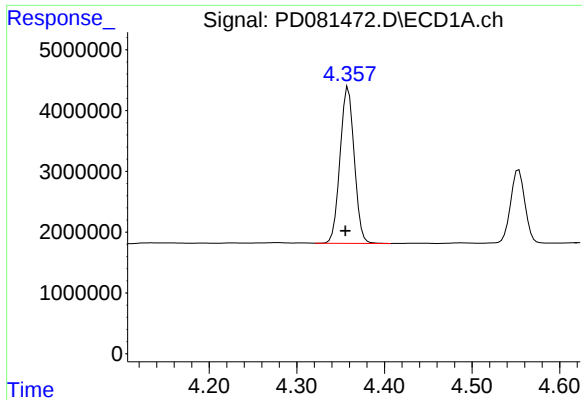
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.003 min
Response: 28152533
Conc: 11.33 ng/ml



#2 alpha-BHC

R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 52511870
Conc: 13.69 ng/ml



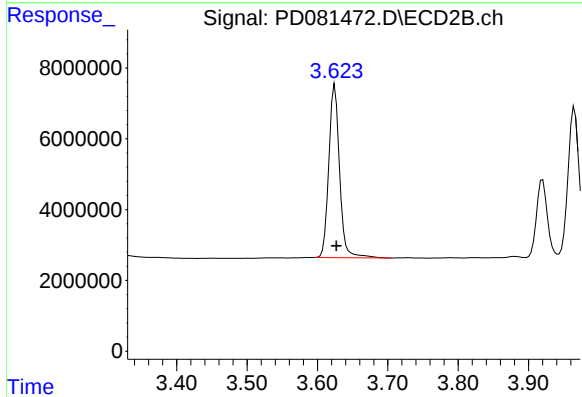
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.003 min
Response: 28935893
Conc: 11.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

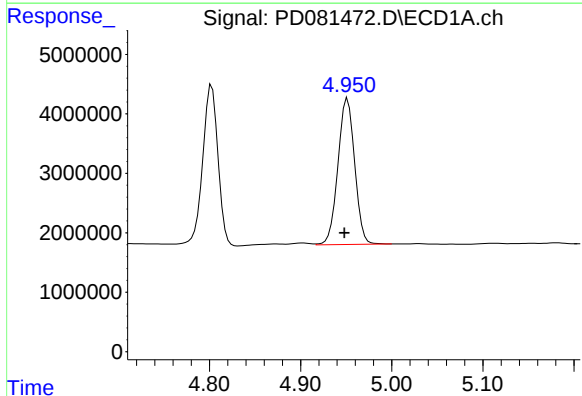
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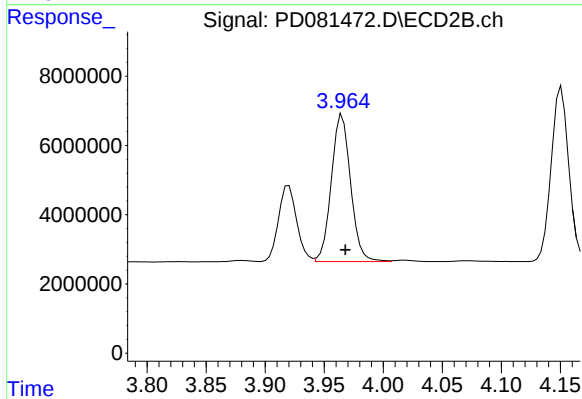
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 51913457
Conc: 13.88 ng/ml



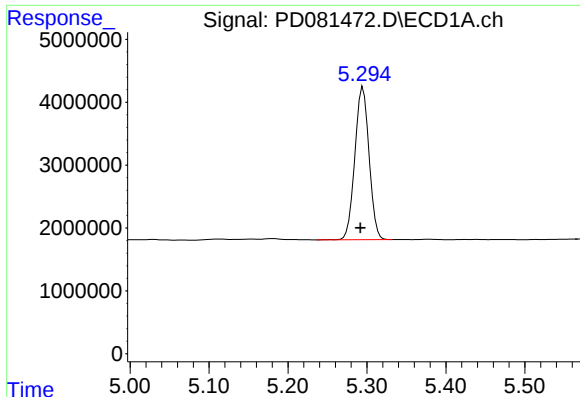
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.004 min
Response: 31385273
Conc: 12.73 ng/ml



#4 Heptachlor

R.T.: 3.965 min
Delta R.T.: -0.003 min
Response: 48261997
Conc: 14.00 ng/ml



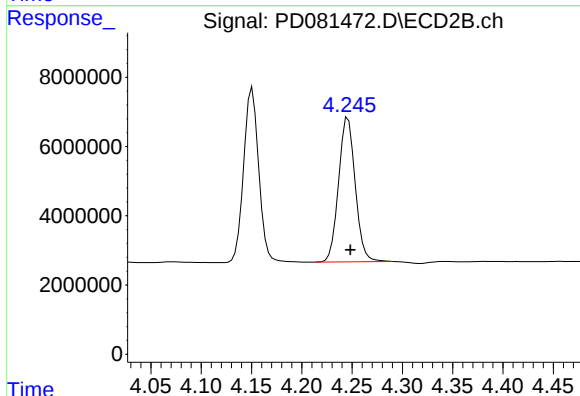
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.003 min
Response: 30386596
Conc: 12.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

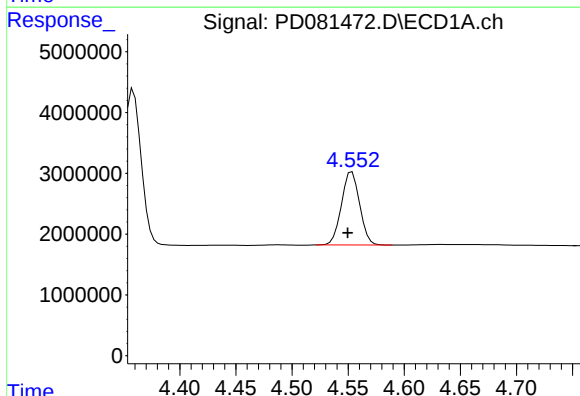
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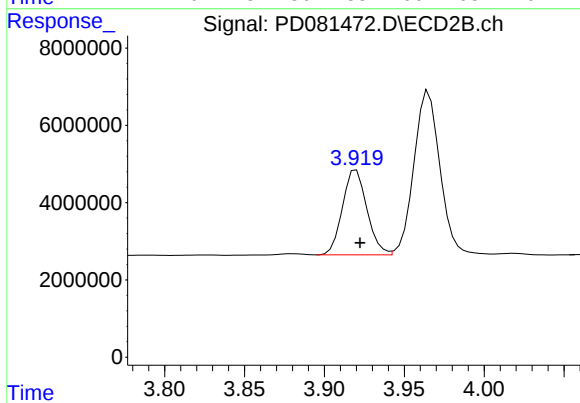
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 48025425
Conc: 13.19 ng/ml m



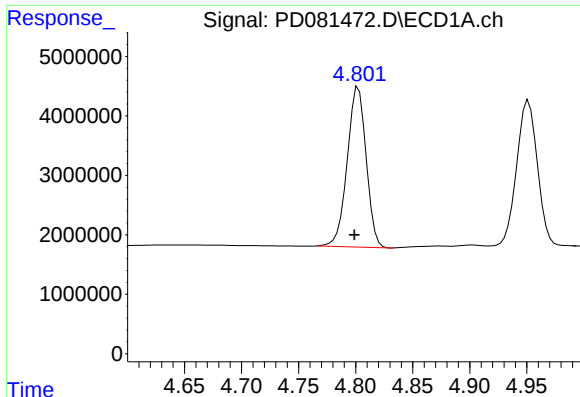
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.004 min
Response: 13560064
Conc: 13.40 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 23518733
Conc: 15.05 ng/ml



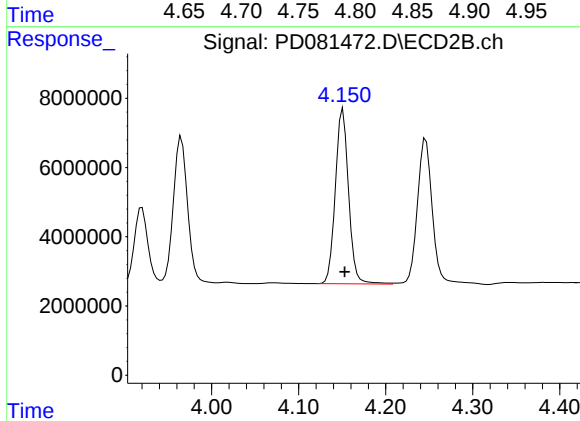
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.004 min
Response: 31119311
Conc: 12.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

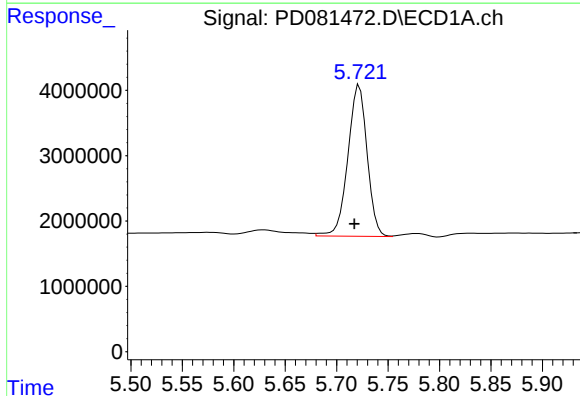
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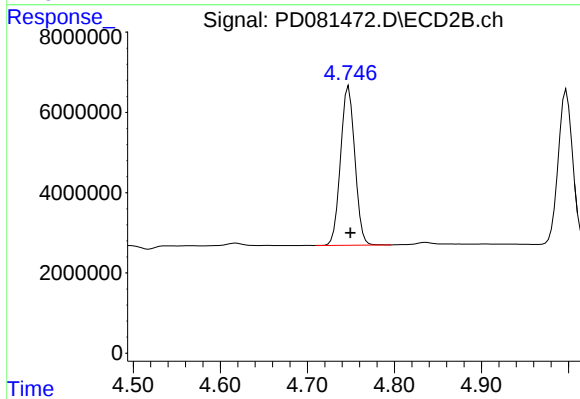
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 53565337
Conc: 14.27 ng/ml



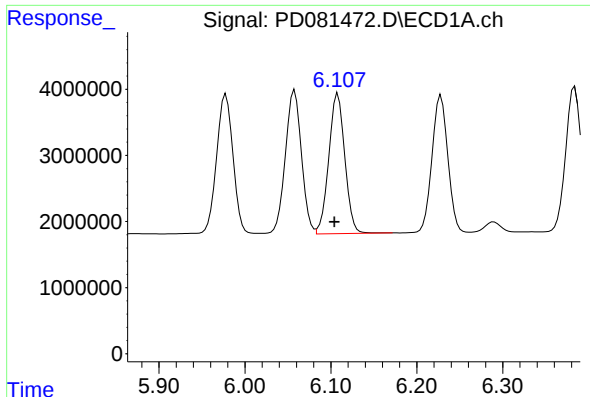
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.005 min
Response: 30183911
Conc: 13.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 45130315
Conc: 13.47 ng/ml



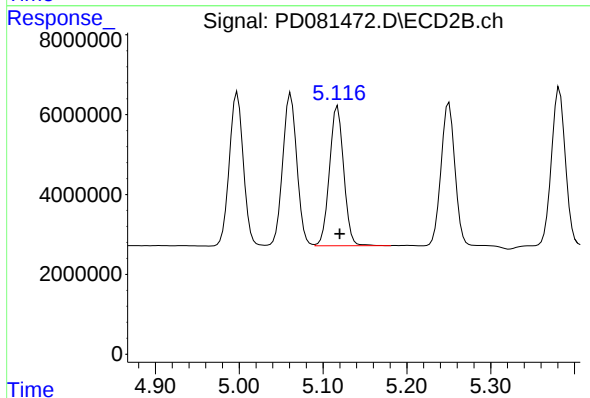
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.004 min
Response: 27403325
Conc: 13.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

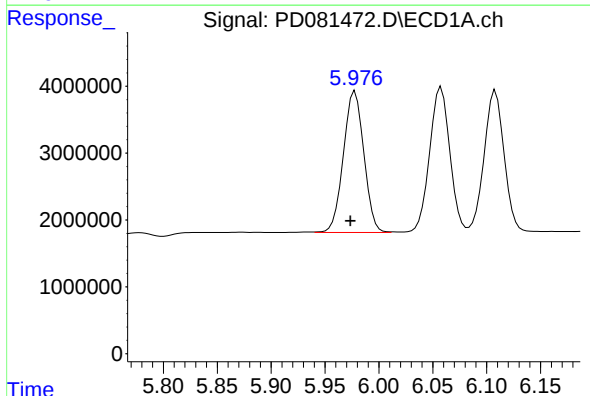
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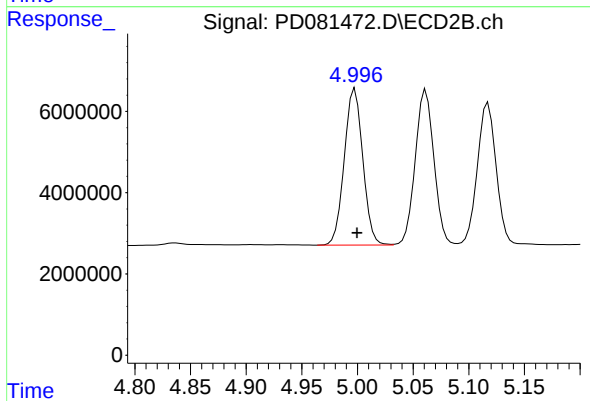
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 41177258
Conc: 13.44 ng/ml



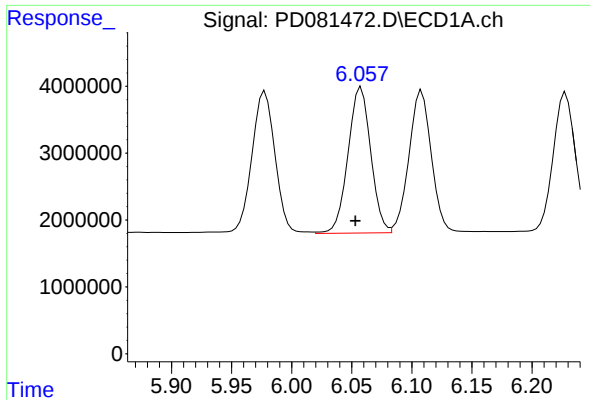
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.003 min
Response: 27975192
Conc: 12.78 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 44623368
Conc: 13.64 ng/ml



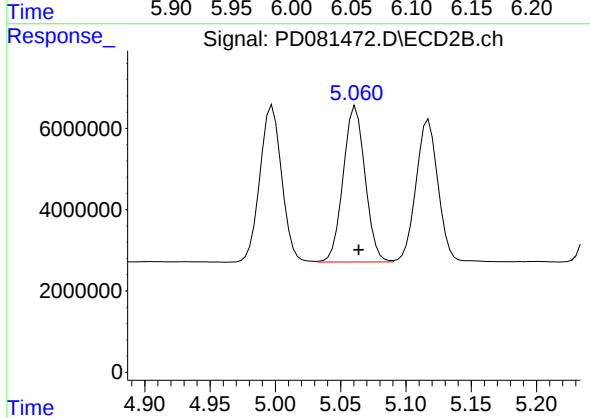
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.005 min
Response: 28770209
Conc: 13.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

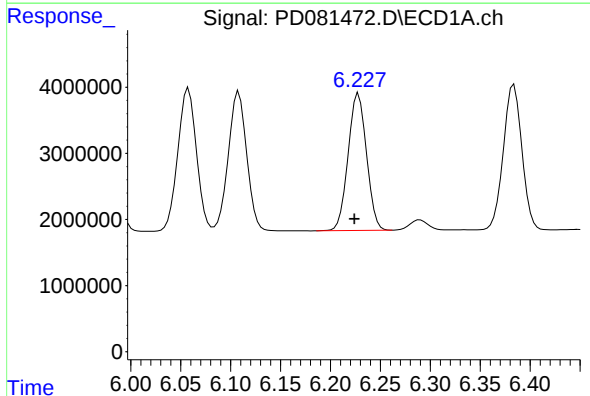
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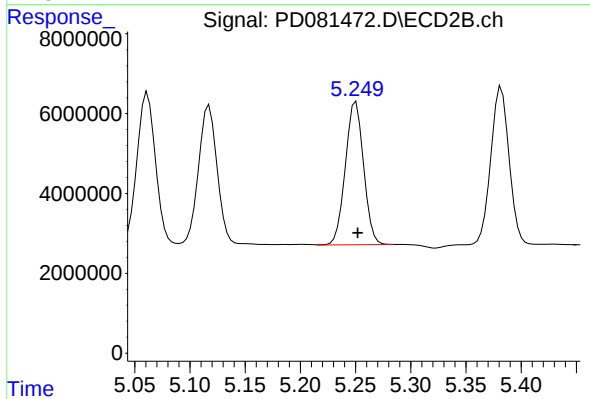
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 44738600
Conc: 13.68 ng/ml



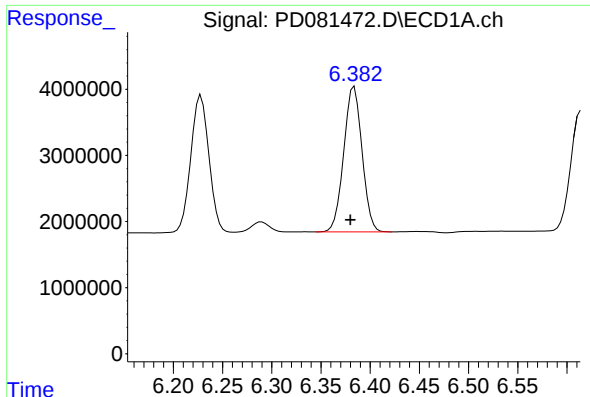
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.004 min
Response: 26614682
Conc: 13.08 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 41151278
Conc: 13.43 ng/ml m



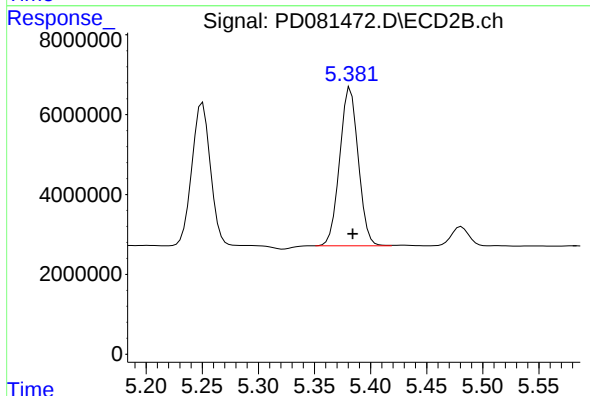
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 28449099
Conc: 12.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

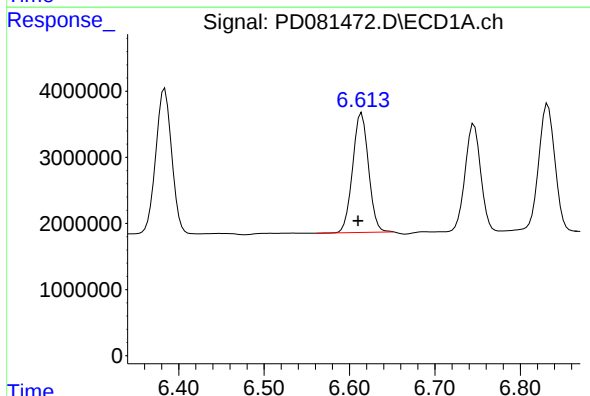
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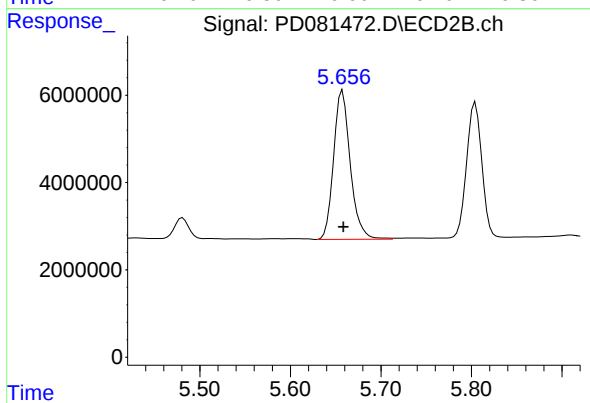
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 45653990
Conc: 13.42 ng/ml



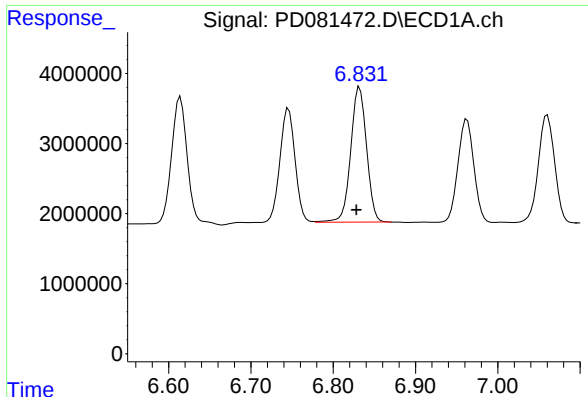
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.004 min
Response: 23349157
Conc: 12.50 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 43666310
Conc: 14.74 ng/ml



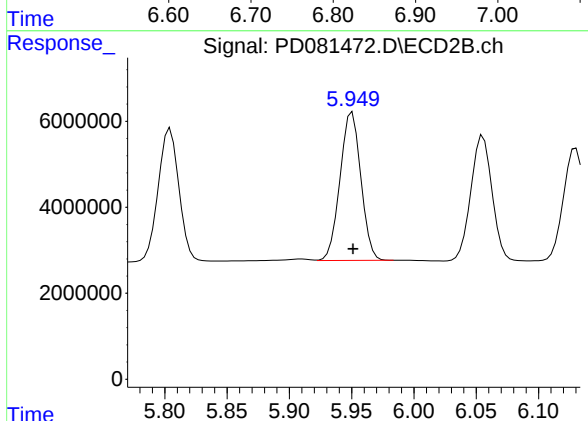
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.004 min
Response: 25810963
Conc: 13.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

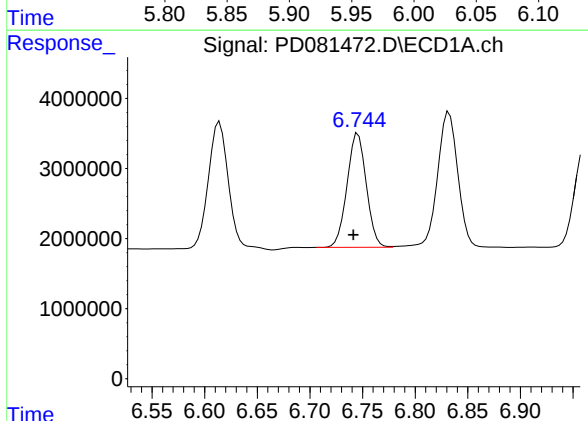
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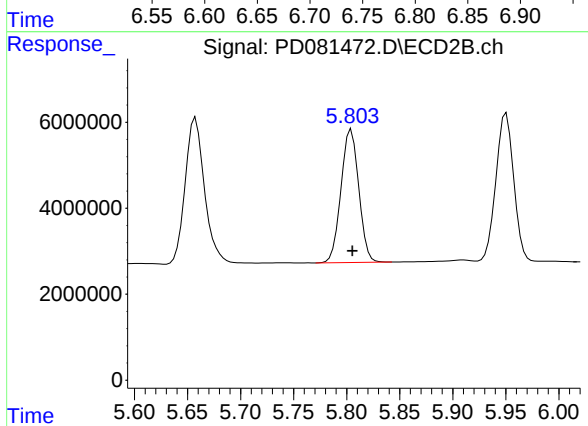
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 40325284
Conc: 14.02 ng/ml



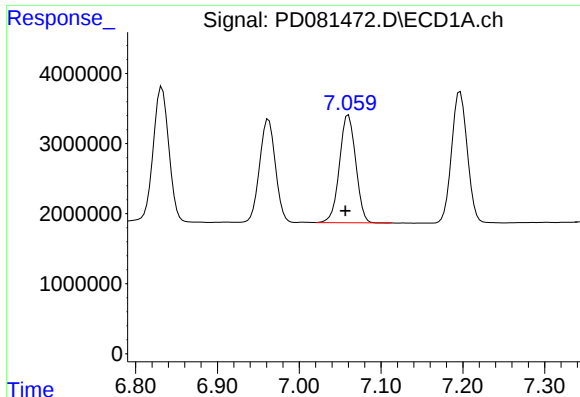
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.005 min
Response: 20793881
Conc: 12.66 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 36015081
Conc: 13.72 ng/ml



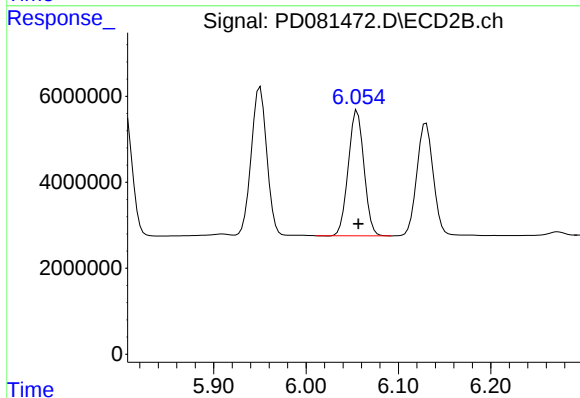
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.004 min
Response: 21180410
Conc: 11.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

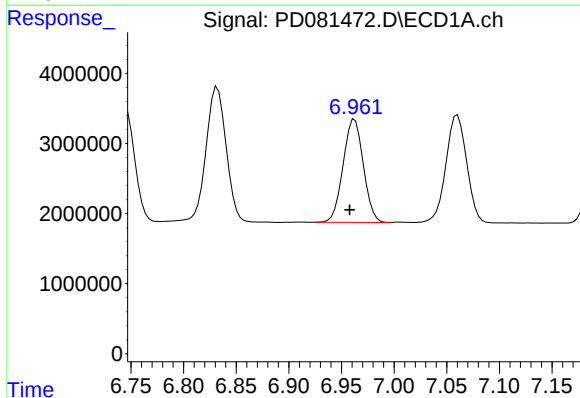
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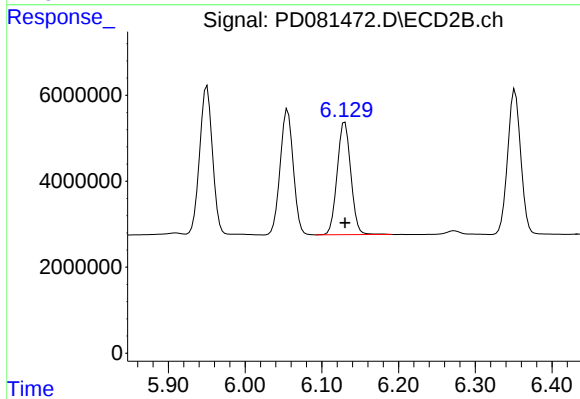
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: -0.001 min
Response: 34394185
Conc: 12.96 ng/ml



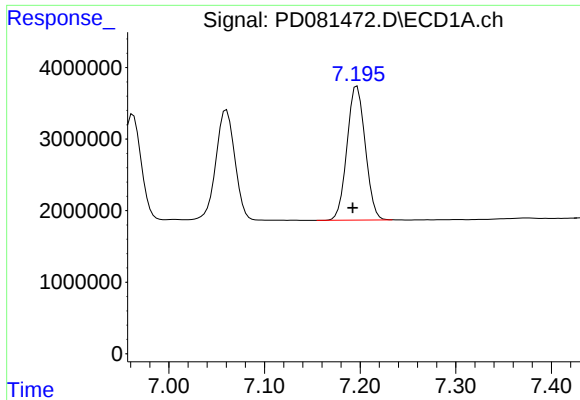
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.005 min
Response: 19799490
Conc: 13.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 32371038
Conc: 14.36 ng/ml



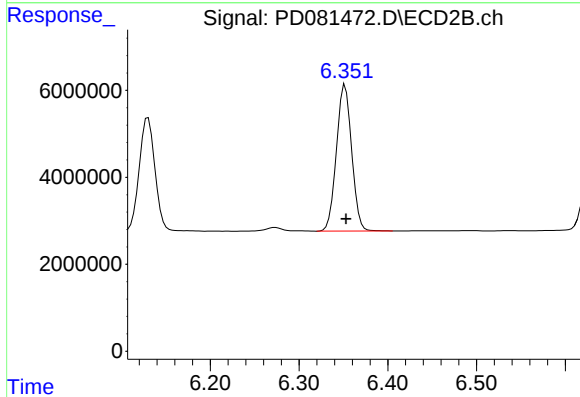
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 24906743
Conc: 13.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158971BSD

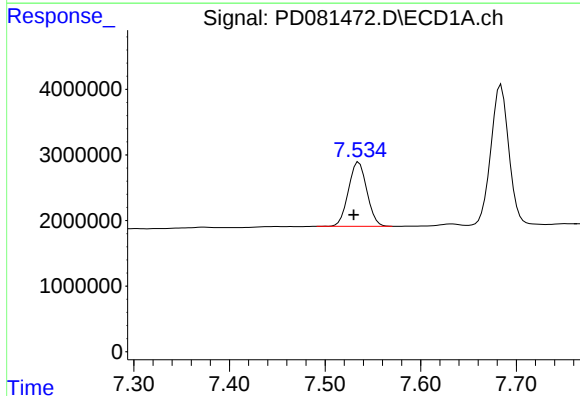
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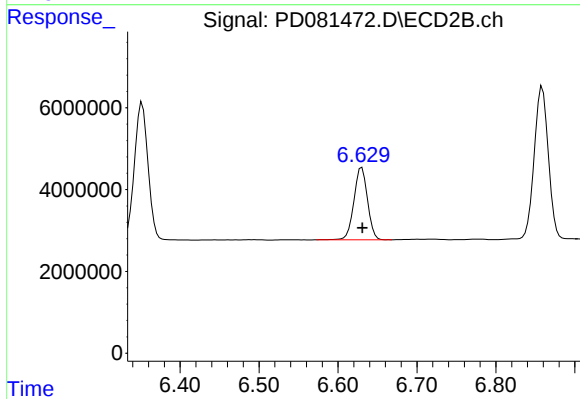
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 40207000
Conc: 14.41 ng/ml



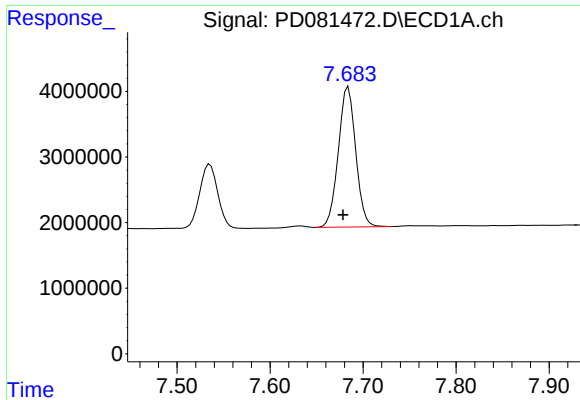
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.005 min
Response: 13186804
Conc: 12.81 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 21143657
Conc: 13.51 ng/ml



#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.006 min
Response: 27800929
Conc: 13.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

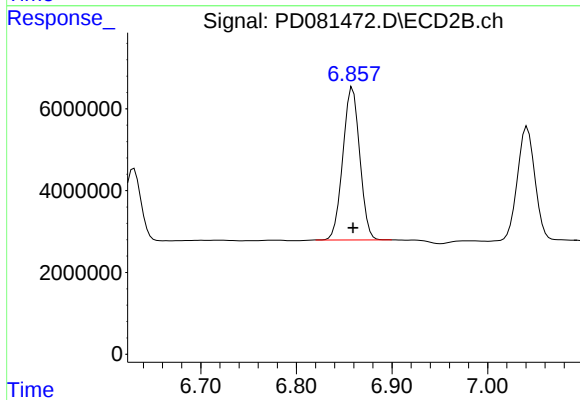
PB158971BSD

Manual Integrations

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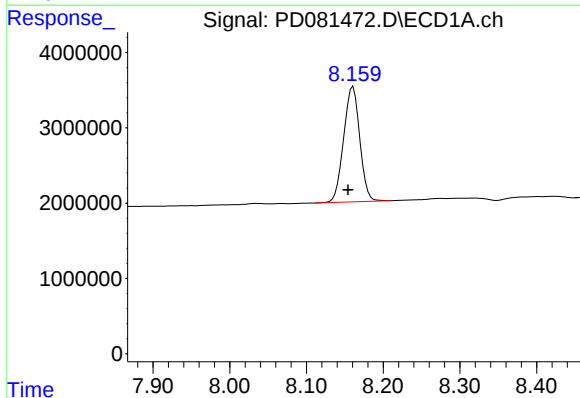
Reviewed By :Abdul Mirza 02/19/2024

Supervised By :Ankita Jodhani 02/19/2024



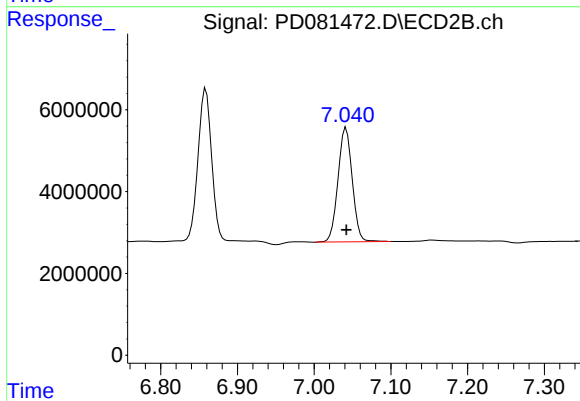
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 46065445
Conc: 14.27 ng/ml



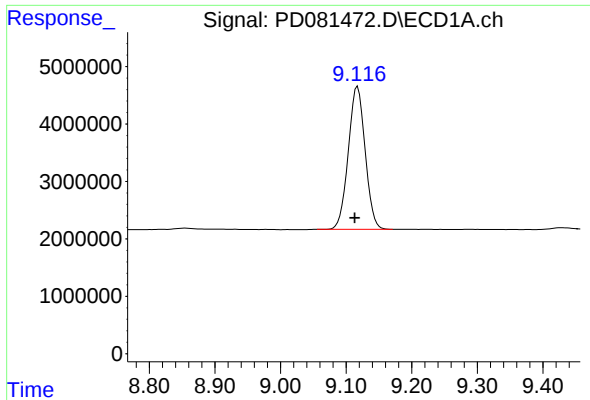
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.007 min
Response: 22428313
Conc: 13.60 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 36122784
Conc: 14.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.004 min
Response: 44425345
Conc: 22.08 ng/ml

Instrument :

ECD_D

ClientSampleId :

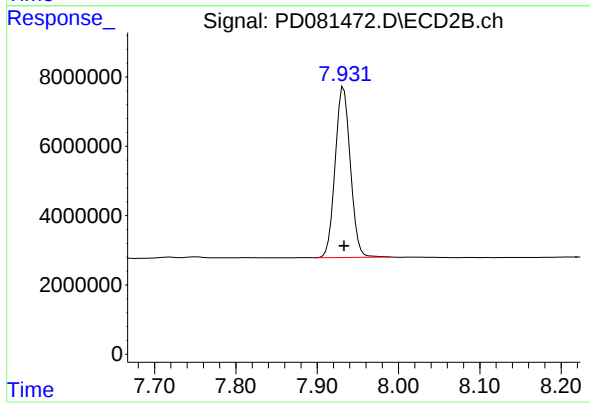
PB158971BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/19/2024

Supervised By :Ankita Jodhani 02/19/2024



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 63968608
Conc: 24.02 ng/ml