

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032622\
 Data File : PD068776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2022 17:38
 Operator : AR\AJ
 Sample : N2077-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-14A-4MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2022
 Supervised By : mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:04:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 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...	3.449	4.174	22769476	190.5E6	18.753	19.924m
2)	SA Decachlor...	8.210	9.375	24956070	127.0E6	19.753	22.413
Target Compounds							
2)	A alpha-BHC	3.888	4.572	97143098	741.6E6	53.653	53.882
3)	MA gamma-BHC...	4.172	4.862	88449097	669.5E6	52.971	53.546
4)	MA Heptachlor	4.470	5.390	82875517	621.2E6	50.305	52.268
5)	MB Aldrin	4.718	5.703	86265626	620.4E6	53.979	54.052
6)	B beta-BHC	4.422	5.025	36057304	271.4E6	48.428	49.444
7)	B delta-BHC	4.627	5.251	89418365	640.3E6	54.716	53.240
8)	B Heptachlo...	5.162	6.091	77916370	532.4E6	52.101	50.979
9)	A Endosulfan I	5.501	6.454	71400330	494.1E6	51.027	52.687
10)	B gamma-Chl...	5.389	6.328	89242080	549.2E6	58.830	53.281
11)	B alpha-Chl...	5.448	6.403	77266482	525.4E6	51.695	52.775
12)	B 4,4'-DDE	5.613	6.553	72214659	498.7E6	52.786	53.820
13)	MA Dieldrin	5.745	6.712	78373214	535.7E6	53.675	55.152
14)	MA Endrin	6.004	6.933	73027357	442.0E6	55.437	57.125
15)	B Endosulfa...	6.278	7.138	69029102	432.7E6	55.385	57.248
16)	A 4,4'-DDD	6.131	7.044	61632317	404.5E6	52.265	54.764
17)	MA 4,4'-DDT	6.372	7.347	60697800	401.8E6	50.499	54.695
18)	B Endrin al...	6.448	7.262	55202961	349.3E6	55.606	57.723
19)	B Endosulfa...	6.660	7.487	67333593	407.9E6	52.653	55.462
20)	A Methoxychlor	6.923	7.800	34986303	207.3E6	50.483	56.864
21)	B Endrin ke...	7.154	7.962	76024279	426.2E6	51.641	55.004
22)	Mirex	7.338	8.428	57030952	297.9E6	48.120	54.352

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032622\
 Data File : PD068776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2022 17:38
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 Sample : N2077-04MS
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Instrument :

ECD_D

ClientSampleId :

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Manual Integrations

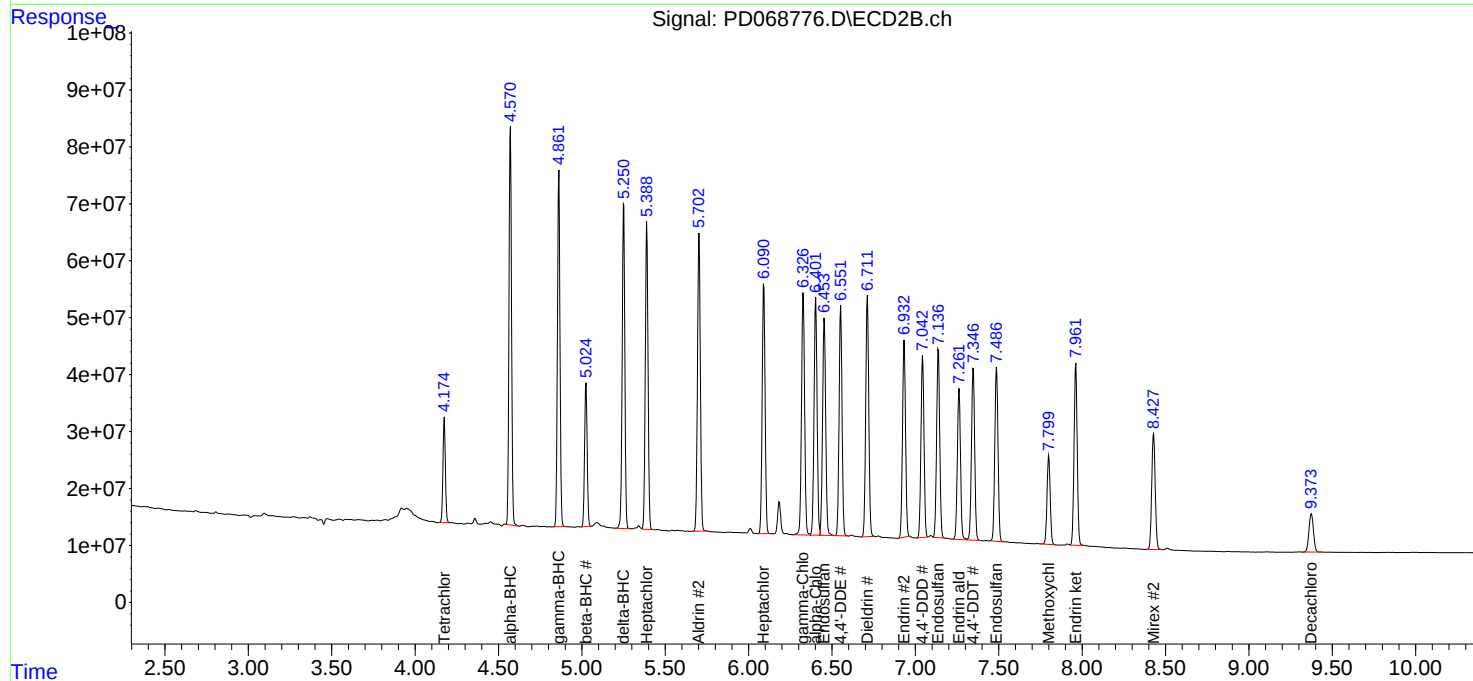
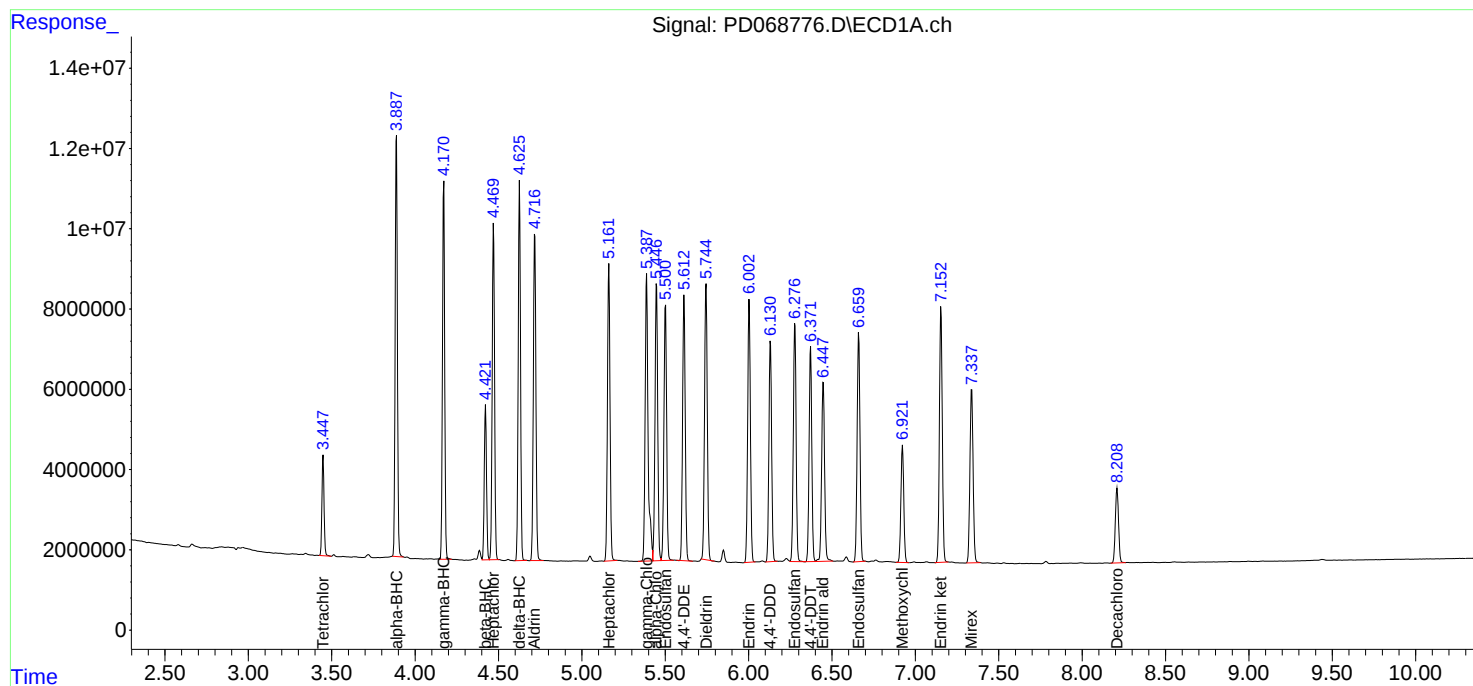
APPROVED

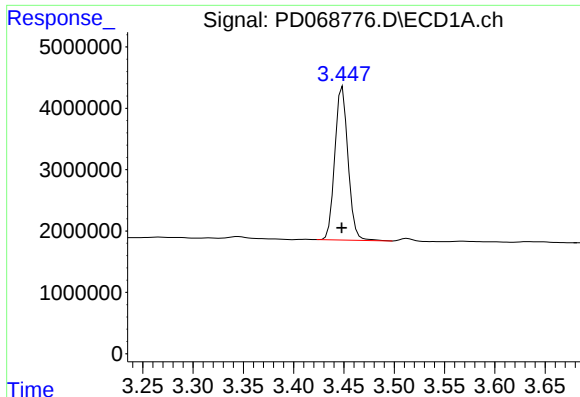
Reviewed By :Abdul Mirza 03/28/2022

Supervised By :mohammad ahmed 03/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 00:04:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





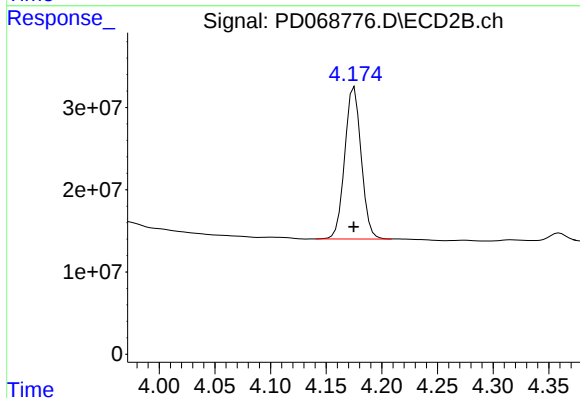
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 22769476
Conc: 18.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

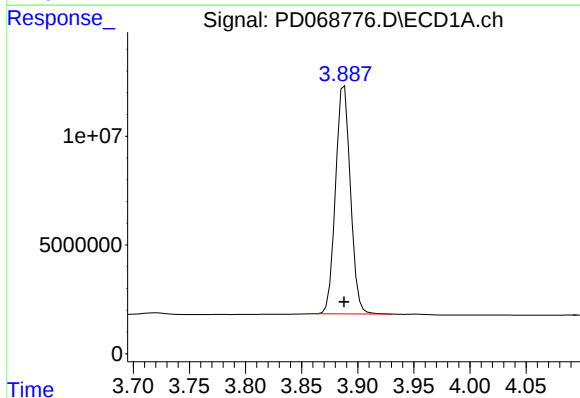
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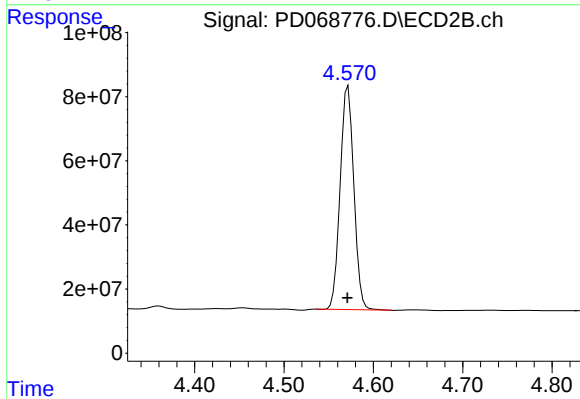
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 190491747
Conc: 19.92 ng/ml m



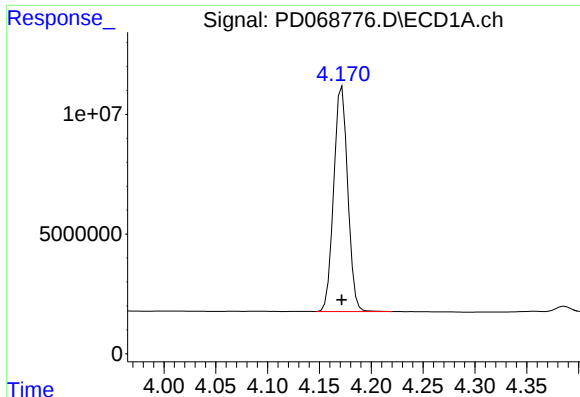
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 97143098
Conc: 53.65 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 741574455
Conc: 53.88 ng/ml



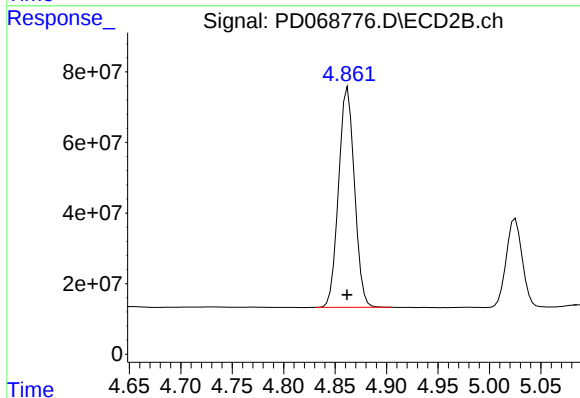
#3 gamma-BHC (Lindane)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 88449097
Conc: 52.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

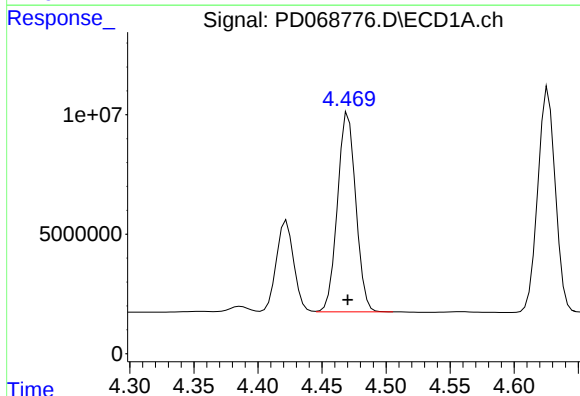
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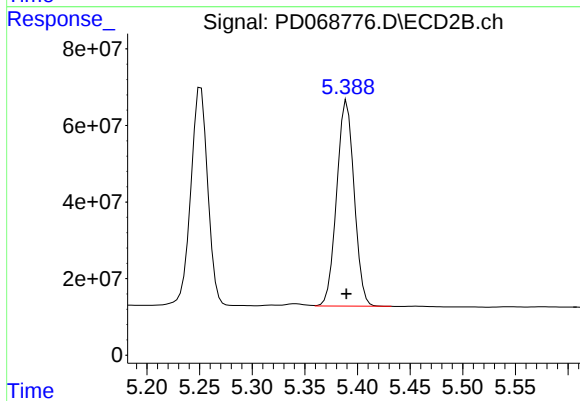
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 669500393
Conc: 53.55 ng/ml



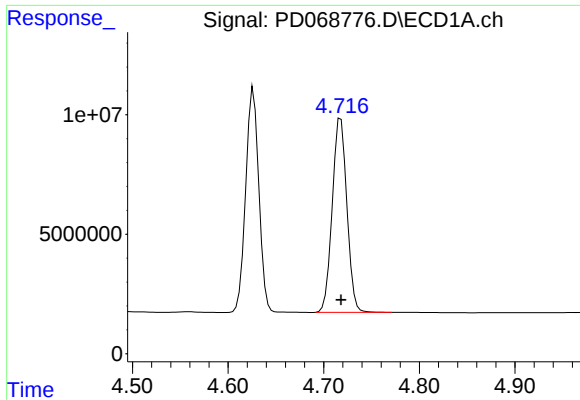
#4 Heptachlor

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 82875517
Conc: 50.30 ng/ml



#4 Heptachlor

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 621163004
Conc: 52.27 ng/ml



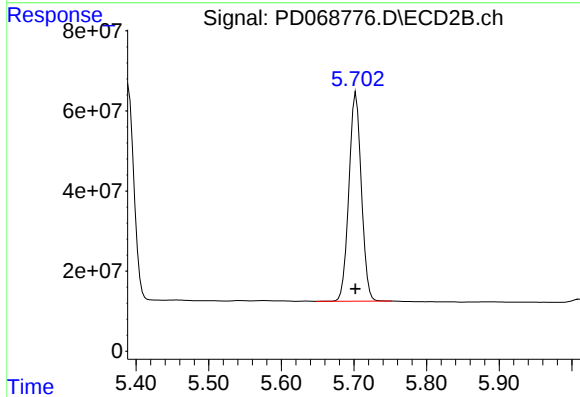
#5 Aldrin

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 86265626
Conc: 53.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

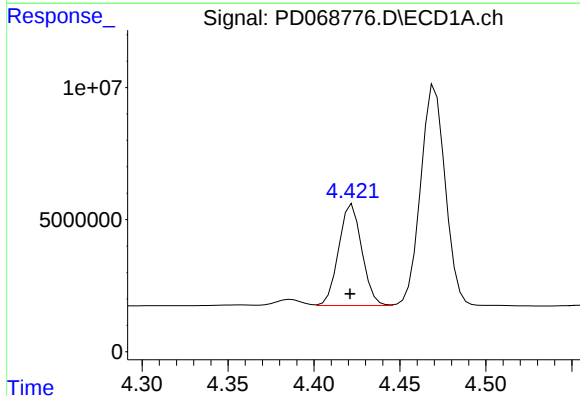
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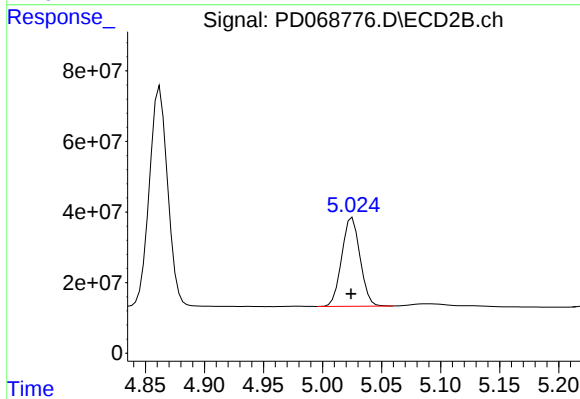
#5 Aldrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 620448618
Conc: 54.05 ng/ml



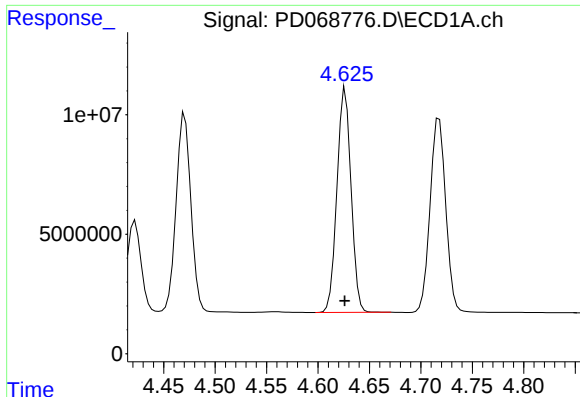
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.001 min
Response: 36057304
Conc: 48.43 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.001 min
Response: 271441970
Conc: 49.44 ng/ml



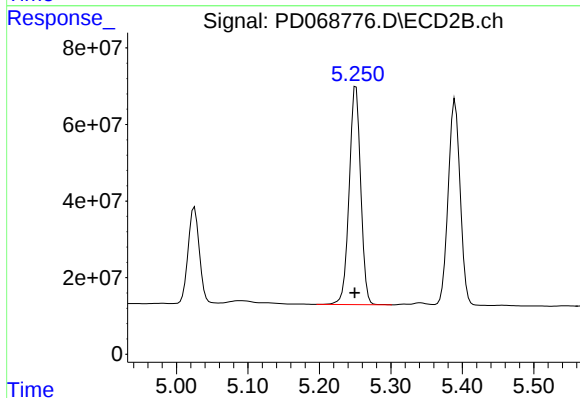
#7 delta-BHC

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 89418365
Conc: 54.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

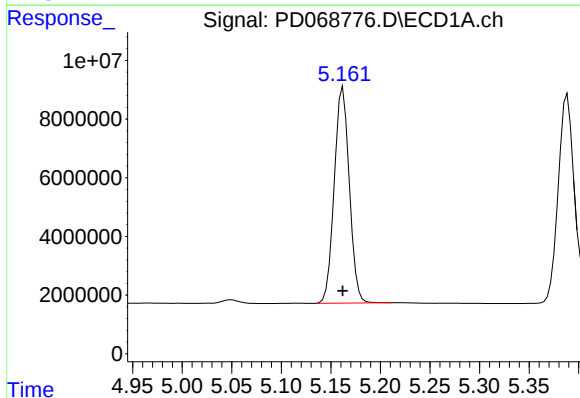
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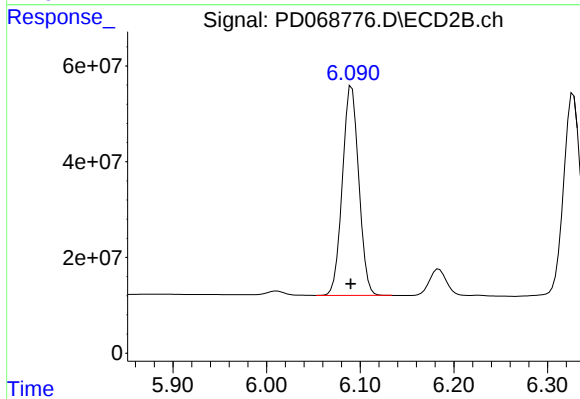
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.002 min
Response: 640253703
Conc: 53.24 ng/ml



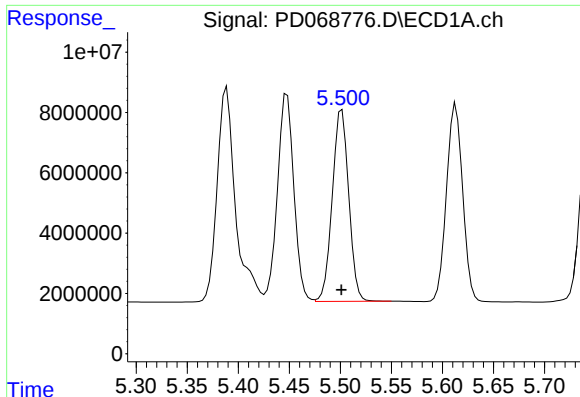
#8 Heptachlor epoxide

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 77916370
Conc: 52.10 ng/ml



#8 Heptachlor epoxide

R.T.: 6.091 min
Delta R.T.: 0.001 min
Response: 532360886
Conc: 50.98 ng/ml



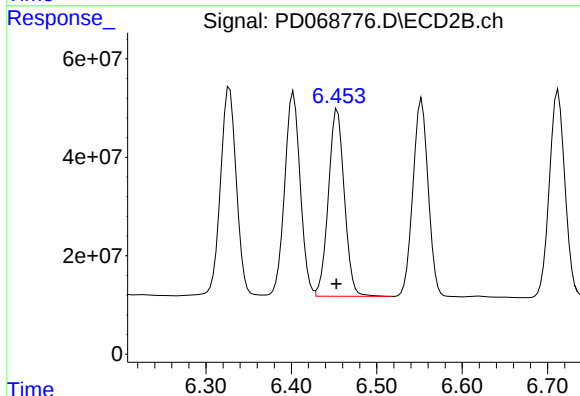
#9 Endosulfan I

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 71400330
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

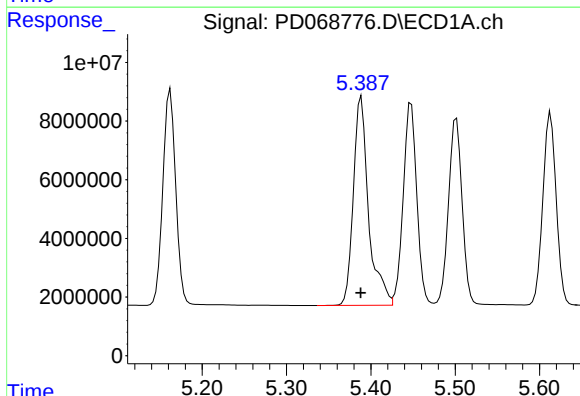
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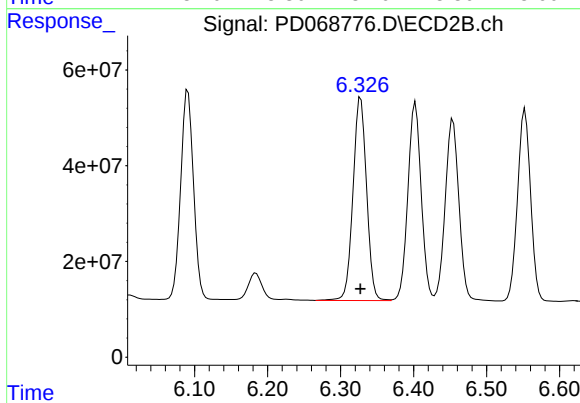
#9 Endosulfan I

R.T.: 6.454 min
Delta R.T.: 0.001 min
Response: 494110958
Conc: 52.69 ng/ml



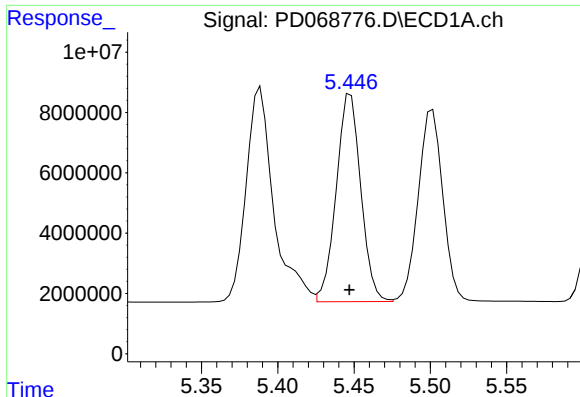
#10 gamma-Chlordane

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 89242080
Conc: 58.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 549178042
Conc: 53.28 ng/ml



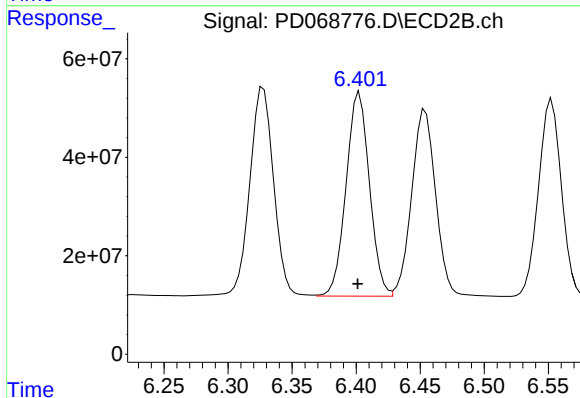
#11 alpha-Chlordane

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 77266482
Conc: 51.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

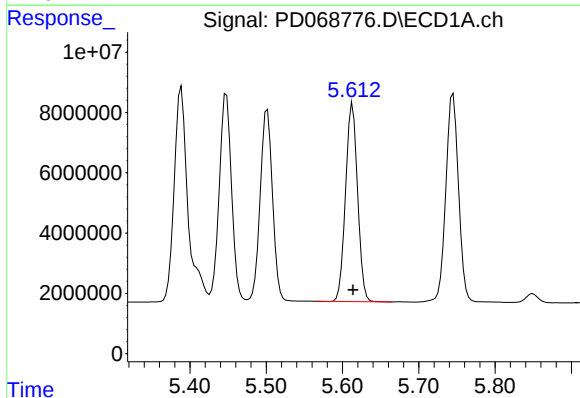
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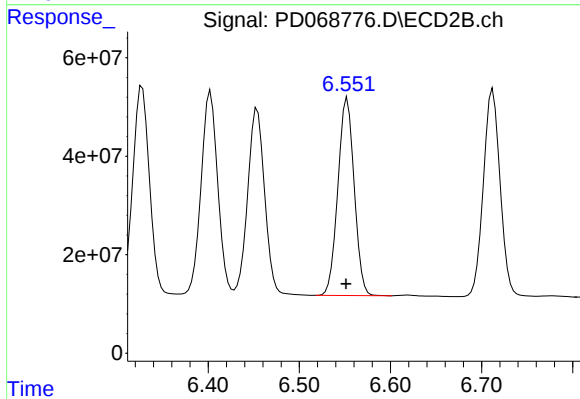
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.001 min
Response: 525437857
Conc: 52.77 ng/ml



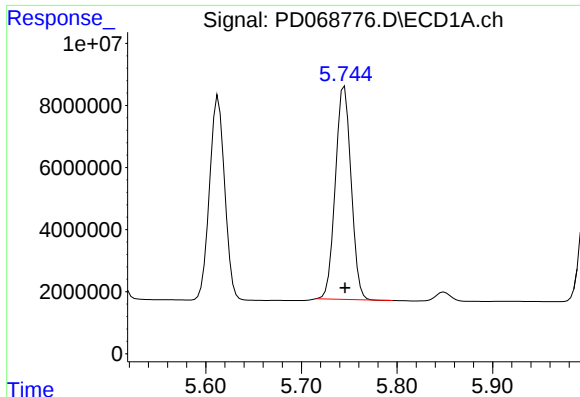
#12 4,4'-DDE

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 72214659
Conc: 52.79 ng/ml



#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.002 min
Response: 498748125
Conc: 53.82 ng/ml



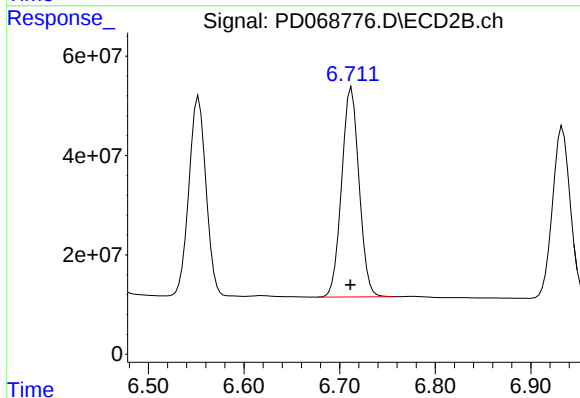
#13 Dieldrin

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 78373214
Conc: 53.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

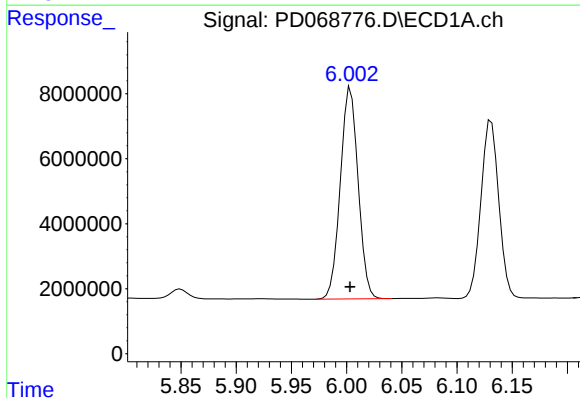
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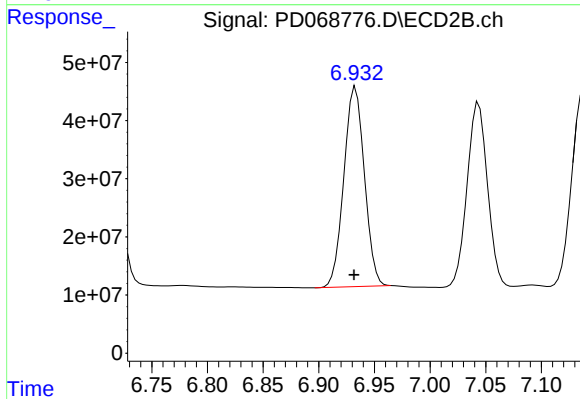
#13 Dieldrin

R.T.: 6.712 min
Delta R.T.: 0.001 min
Response: 535695033
Conc: 55.15 ng/ml



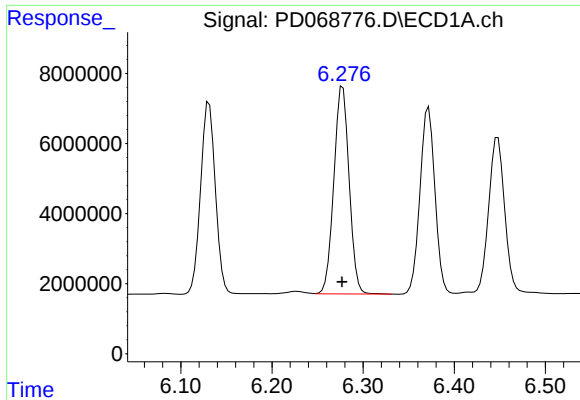
#14 Endrin

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 73027357
Conc: 55.44 ng/ml



#14 Endrin

R.T.: 6.933 min
Delta R.T.: 0.001 min
Response: 442005161
Conc: 57.12 ng/ml



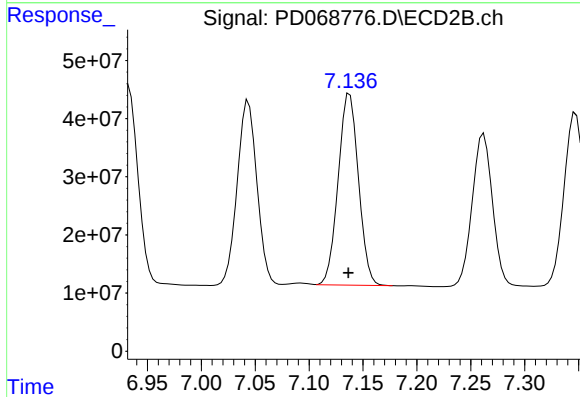
#15 Endosulfan II

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 69029102
Conc: 55.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

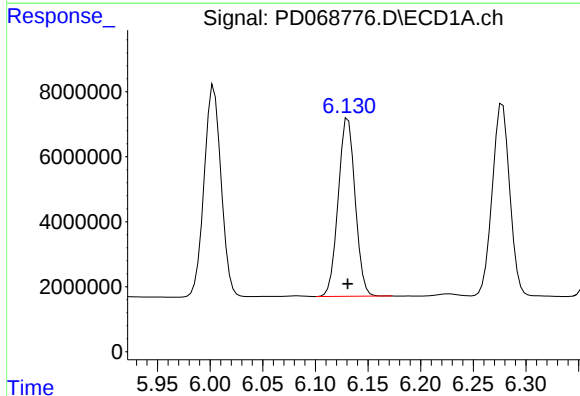
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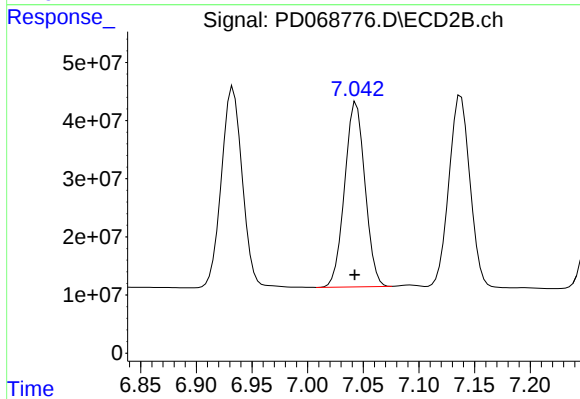
#15 Endosulfan II

R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 432716473
Conc: 57.25 ng/ml



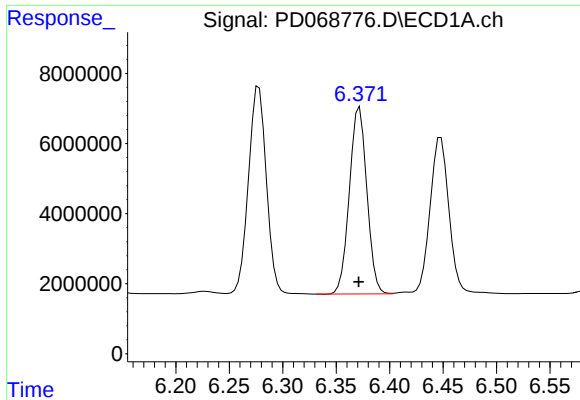
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 61632317
Conc: 52.26 ng/ml



#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 404450257
Conc: 54.76 ng/ml



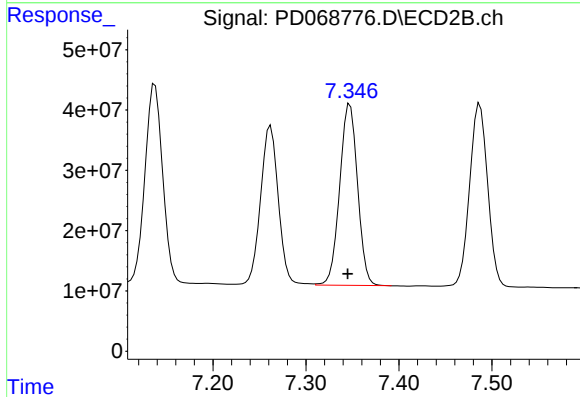
#17 4,4'-DDT

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 60697800
Conc: 50.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

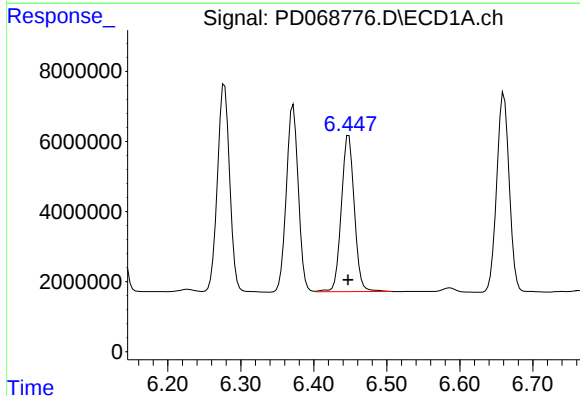
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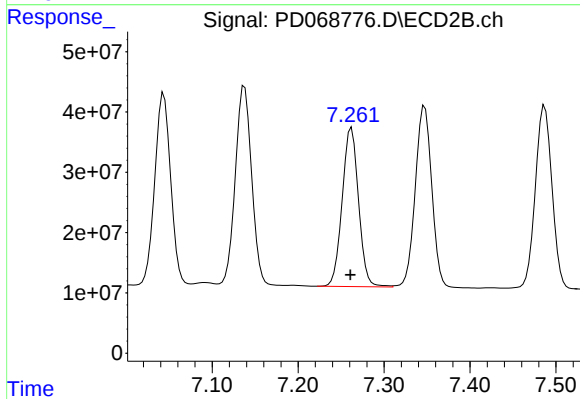
#17 4,4'-DDT

R.T.: 7.347 min
Delta R.T.: 0.003 min
Response: 401828530
Conc: 54.69 ng/ml



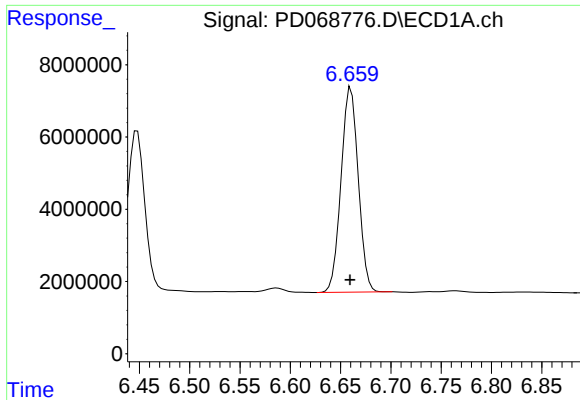
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: 0.001 min
Response: 55202961
Conc: 55.61 ng/ml



#18 Endrin aldehyde

R.T.: 7.262 min
Delta R.T.: 0.001 min
Response: 349324526
Conc: 57.72 ng/ml



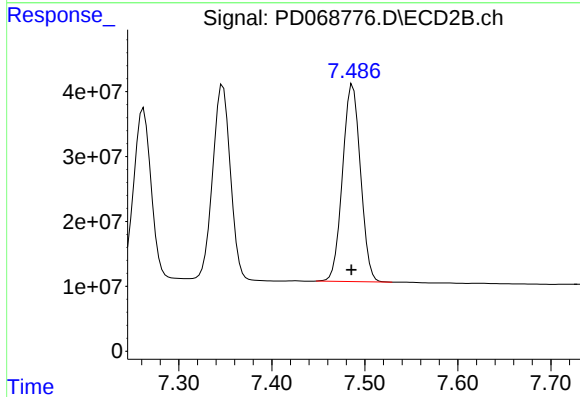
#19 Endosulfan Sulfate

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 67333593
Conc: 52.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

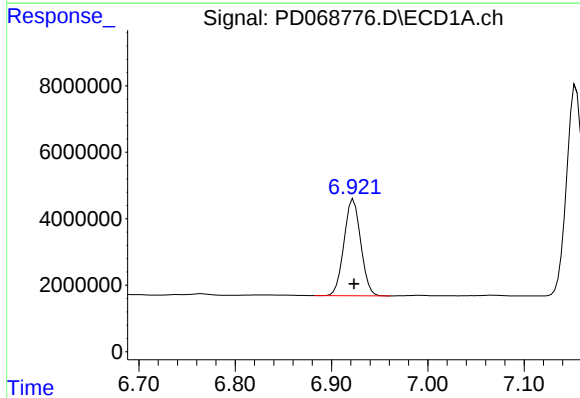
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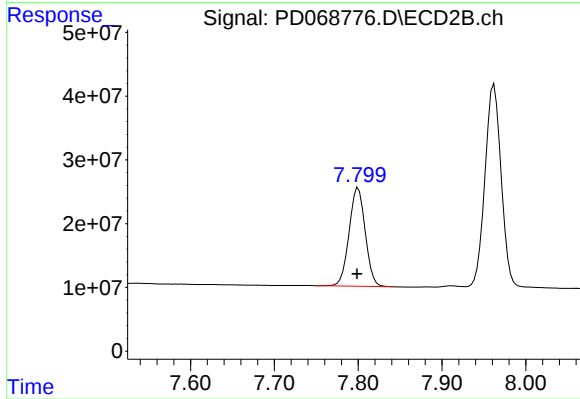
#19 Endosulfan Sulfate

R.T.: 7.487 min
Delta R.T.: 0.001 min
Response: 407930061
Conc: 55.46 ng/ml



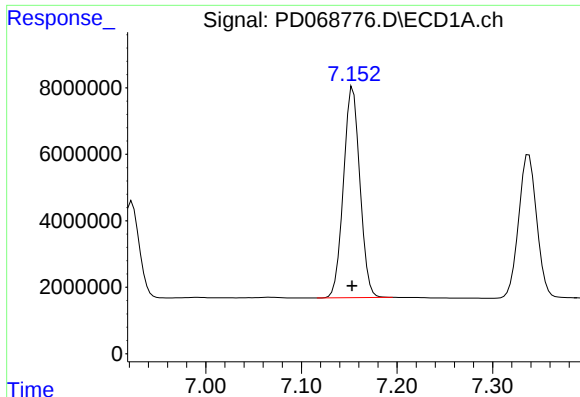
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 34986303
Conc: 50.48 ng/ml



#20 Methoxychlor

R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 207286434
Conc: 56.86 ng/ml



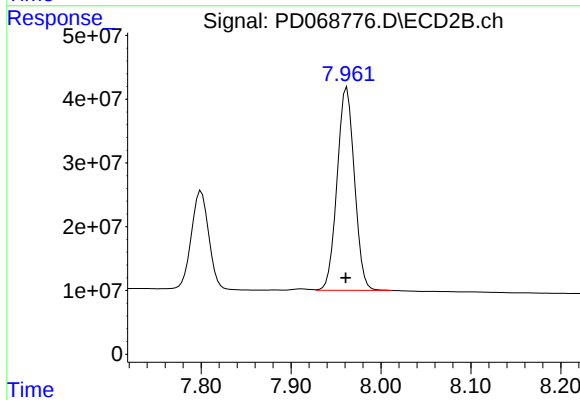
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 76024279
Conc: 51.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-14A-4MS

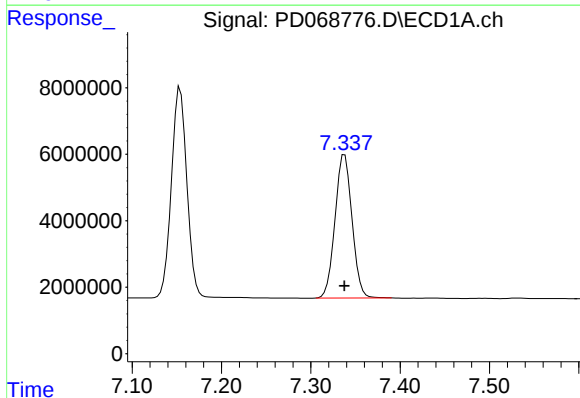
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2022
Supervised By :mohammad ahmed 03/29/2022



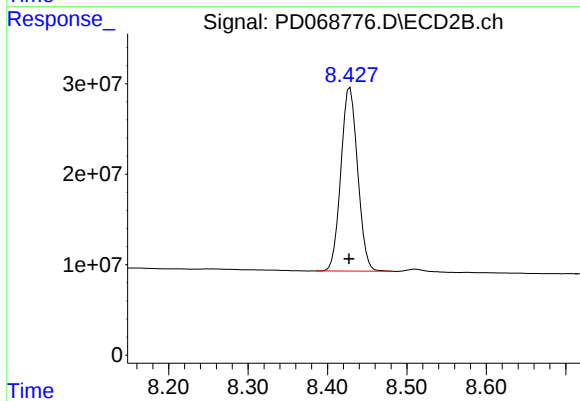
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.001 min
Response: 426209410
Conc: 55.00 ng/ml



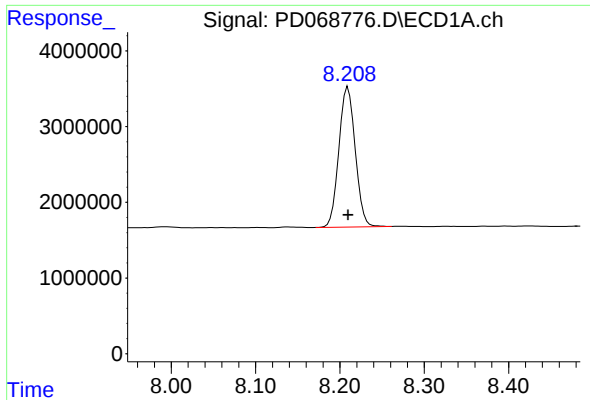
#22 Mirex

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 57030952
Conc: 48.12 ng/ml



#22 Mirex

R.T.: 8.428 min
Delta R.T.: 0.001 min
Response: 297920432
Conc: 54.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 24956070
Conc: 19.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

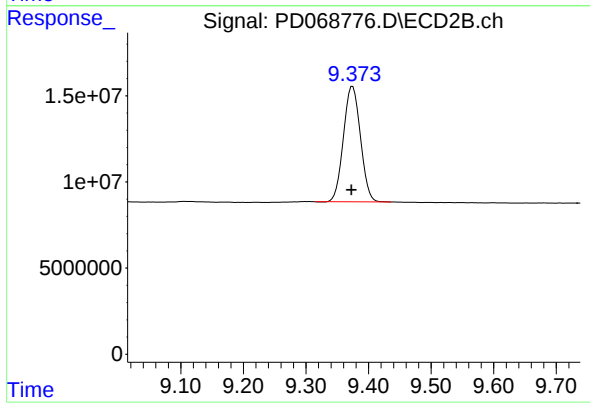
WC-14A-4MS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 127010208
Conc: 22.41 ng/ml