

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082123\
 Data File : PD077254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 11:47
 Operator : AR\AJ
 Sample : 04080-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-340MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/22/2023
 Supervised By : Ankita Jodhani 08/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:18:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.543	2.763	31148385	18963167	13.162	13.922
28)	SA Decachlor...	9.081	7.899	30198787	18663614	11.021m	13.042m
Target Compounds							
2)	A alpha-BHC	3.999	3.263	187.2E6	93440053	48.754	48.305
3)	MA gamma-BHC...	4.331	3.593	176.0E6	86485350	47.804m	46.489
4)	MA Heptachlor	4.923	3.932	182.1E6	89553860	50.489	49.296
5)	MB Aldrin	5.266	4.212	176.0E6	85618779	47.617	46.240
6)	B beta-BHC	4.530	3.890	70485507	36009090	46.839	47.200
7)	B delta-BHC	4.778	4.120	168.4E6	84380157	48.276	47.425
8)	B Heptachlo...	5.694	4.714	161.7E6	81548723	48.843	48.766
9)	A Endosulfan I	6.080	5.084	148.3E6	75116679	48.800	48.153
10)	B gamma-Chl...	5.951	4.964	167.9E6	90278900	51.593	54.424
11)	B alpha-Chl...	6.030	5.028	189.8E6	88200788	57.880	52.816
12)	B 4,4'-DDE	6.202	5.217	145.9E6	71281857	49.197	49.154
13)	MA Dieldrin	6.356	5.349	158.9E6	80671894	48.533	47.889
14)	MA Endrin	6.587	5.624	129.7E6	68313968	46.682	46.687
15)	B Endosulfa...	6.807	5.919	123.9E6	65051443	38.943	44.131
16)	A 4,4'-DDD	6.721	5.772	111.4E6	54631011	47.363	49.125
17)	MA 4,4'-DDT	7.036	6.023	121.1E6	57551028	49.811	51.774
18)	B Endrin al...	6.937	6.098	97302118	51194733	44.542	44.971
19)	B Endosulfa...	7.172	6.321	121.6E6	63182408	46.691	47.373
20)	A Methoxychlor	7.512	6.598	62310526	27220410	43.978	45.524
21)	B Endrin ke...	7.659	6.828	147.8E6	71459455	49.073	45.071
22)	Mirex	8.134	7.008	99815227	56022465	43.762	43.267

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

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Data File : PD077254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Aug 2023 11:47
Operator : AR\AJ
Sample : 04080-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

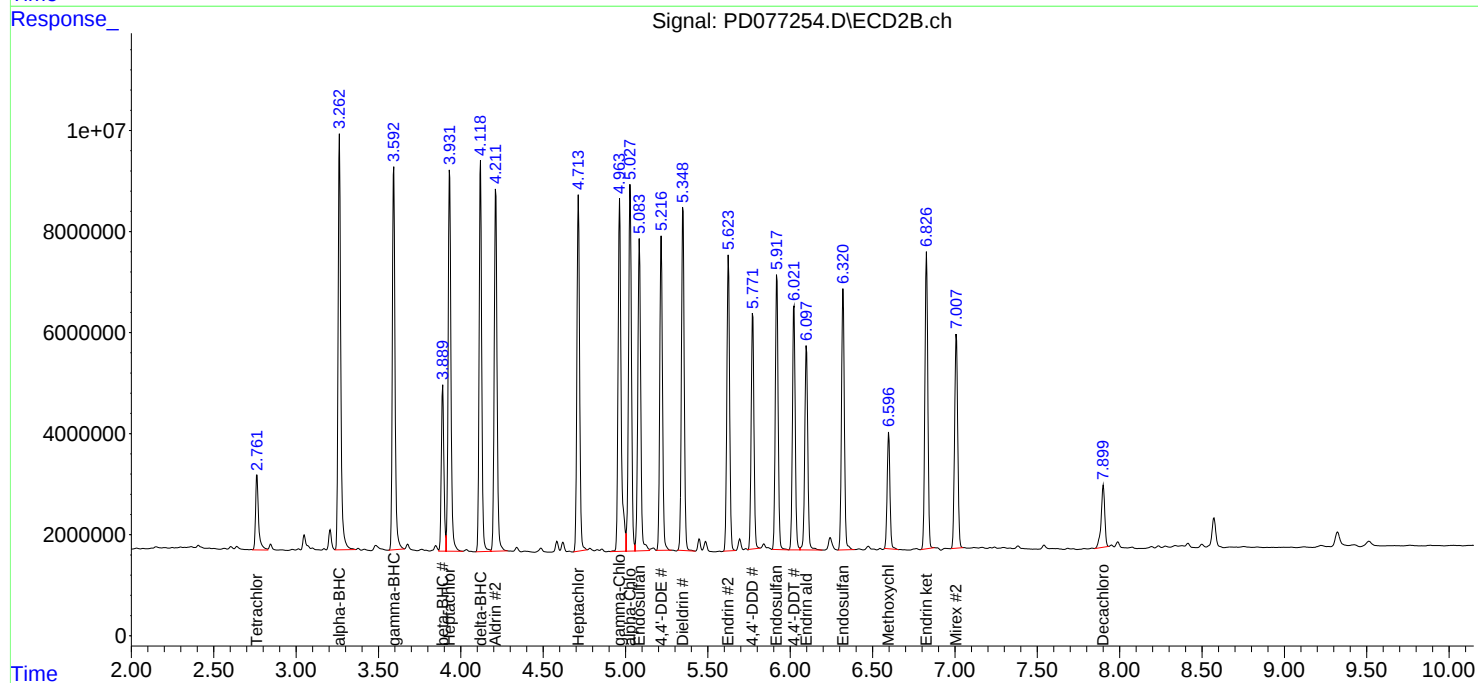
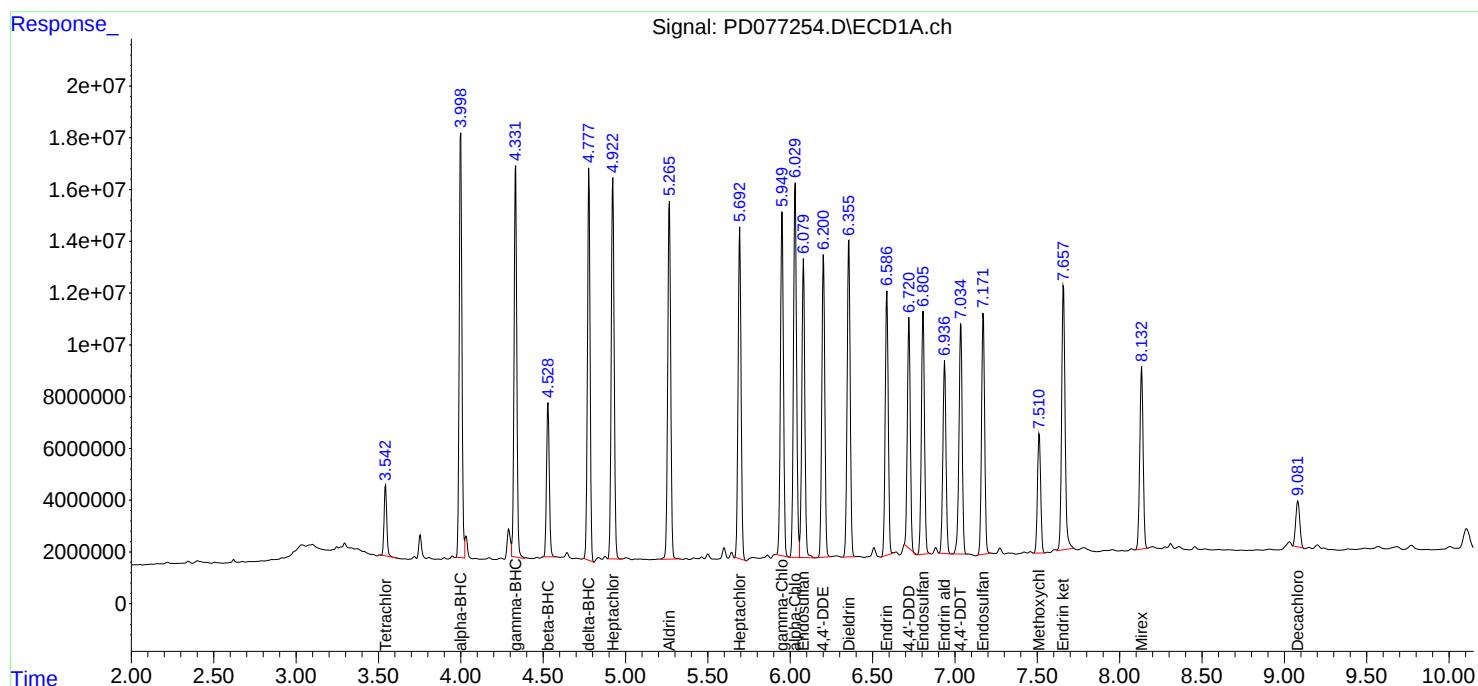
Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

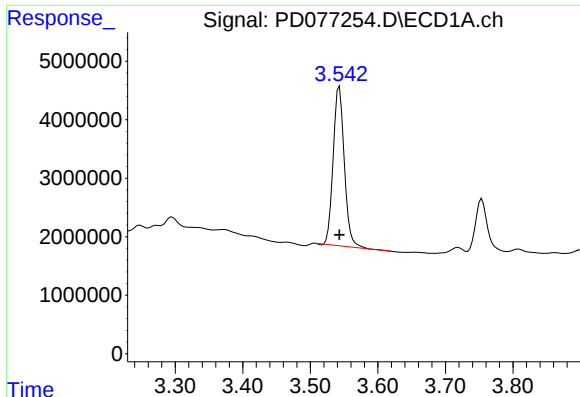
Manual Integrations
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Supervised By :Ankita Jodhani 08/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 22:18:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
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QLast Update : Thu Aug 03 14:17:41 2023
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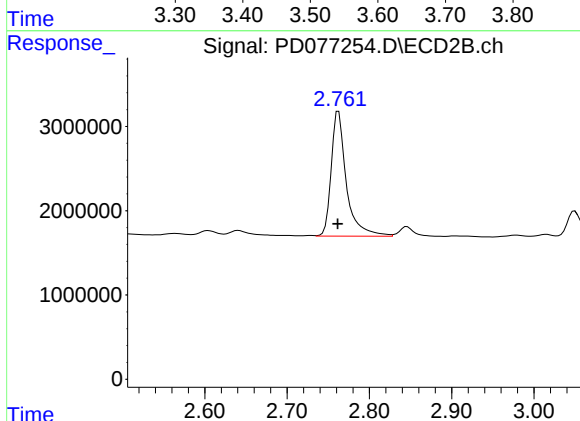
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 31148385
Conc: 13.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

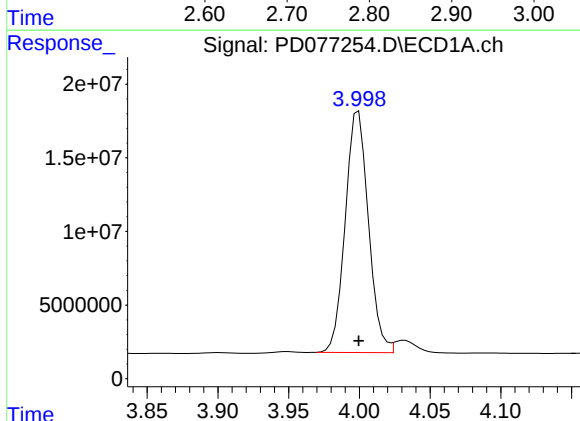
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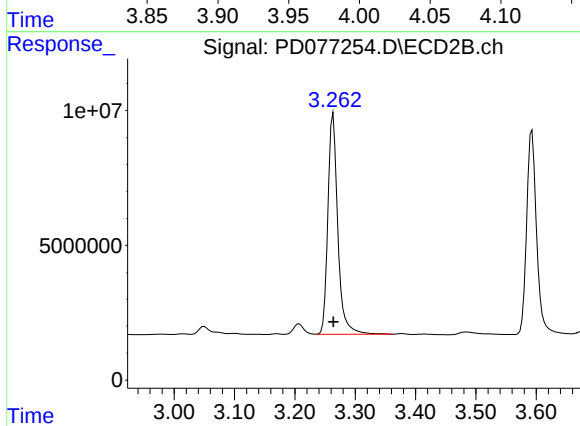
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 18963167
Conc: 13.92 ng/ml



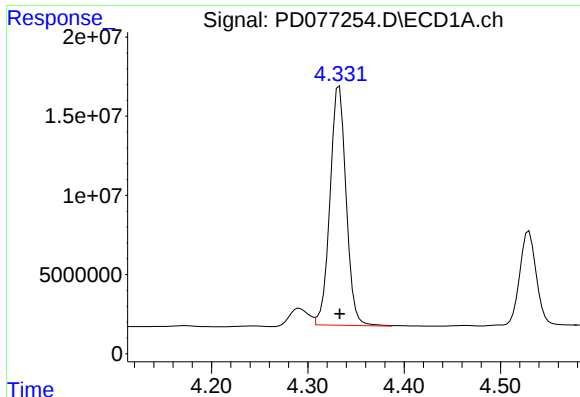
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 187201031
Conc: 48.75 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 93440053
Conc: 48.31 ng/ml



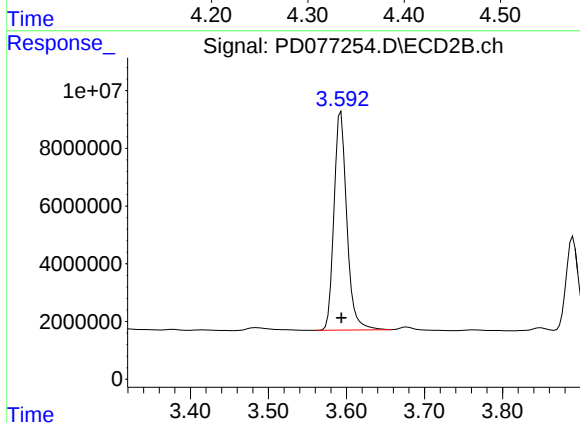
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 175953080
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

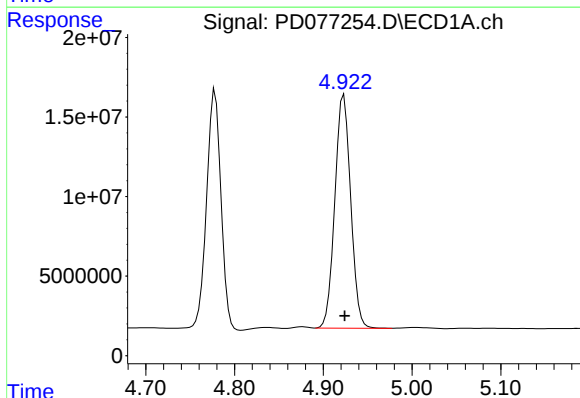
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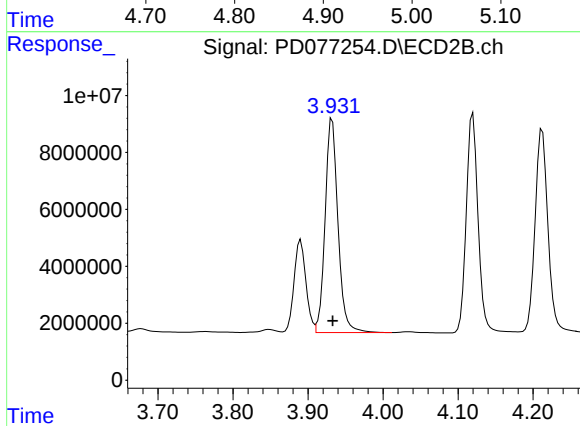
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 86485350
Conc: 46.49 ng/ml



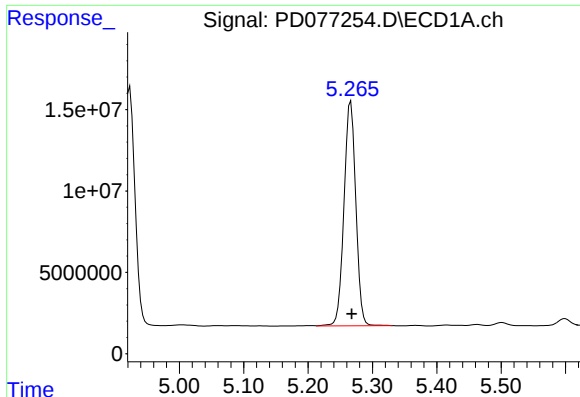
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 182065958
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 89553860
Conc: 49.30 ng/ml



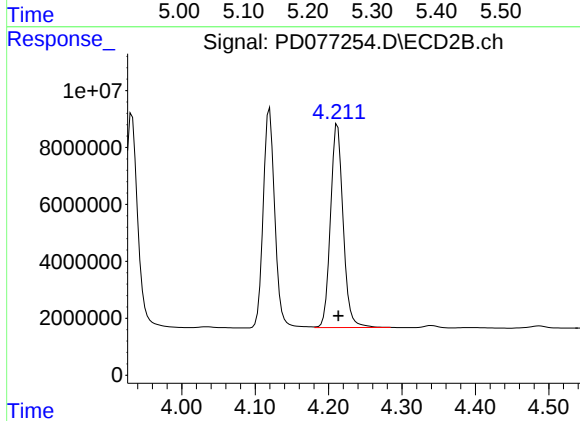
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 175973912
Conc: 47.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

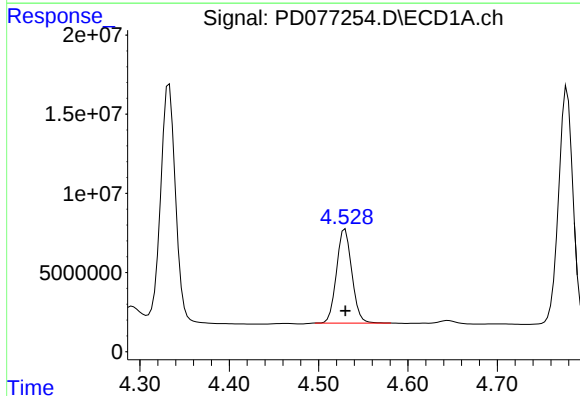
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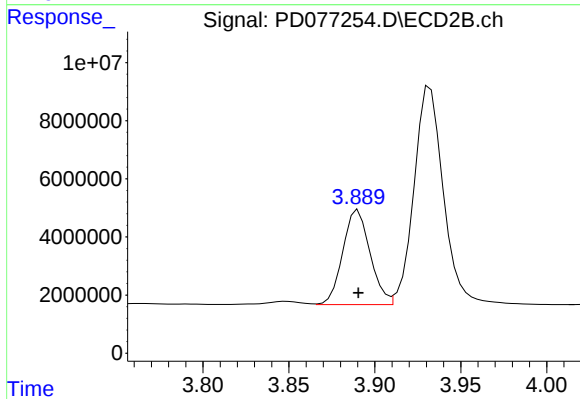
#5 Aldrin

R.T.: 4.212 min
Delta R.T.: -0.001 min
Response: 85618779
Conc: 46.24 ng/ml



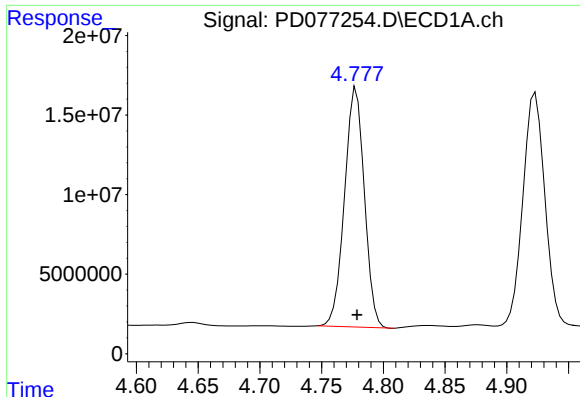
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 70485507
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 36009090
Conc: 47.20 ng/ml



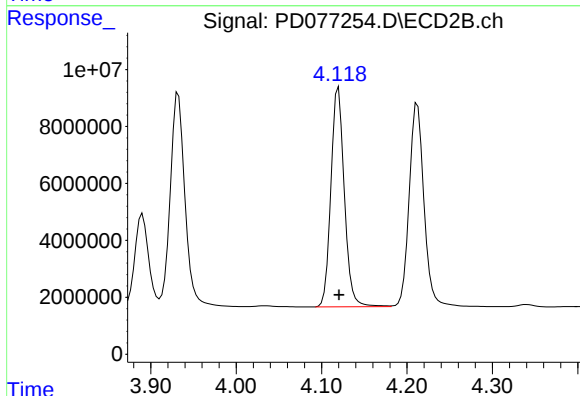
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 168418273
Conc: 48.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

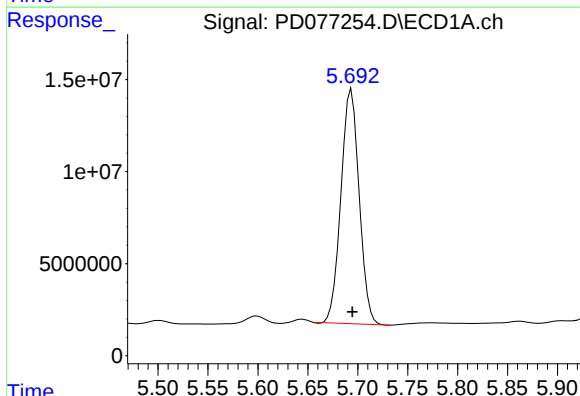
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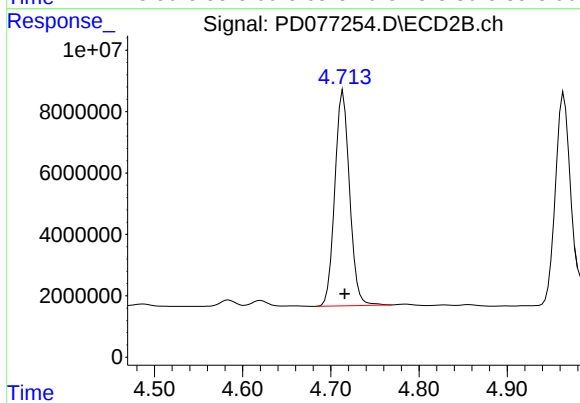
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 84380157
Conc: 47.42 ng/ml



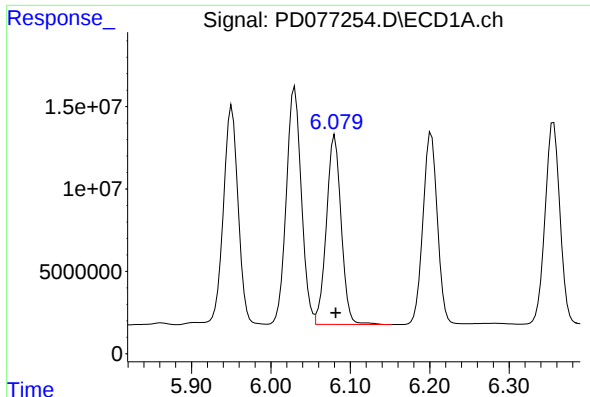
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: -0.001 min
Response: 161727791
Conc: 48.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 81548723
Conc: 48.77 ng/ml



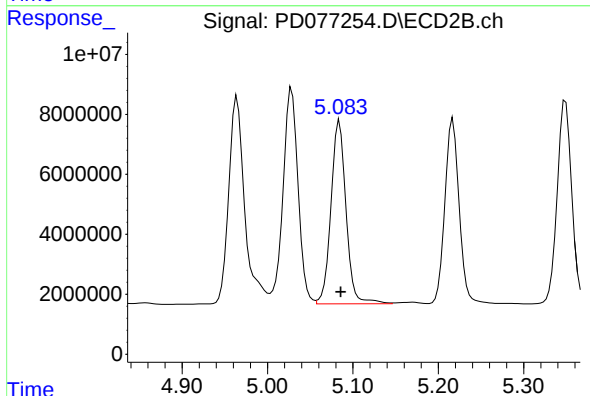
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 148309760
Conc: 48.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

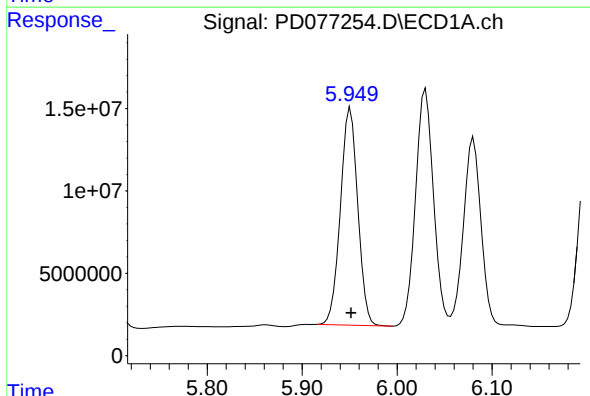
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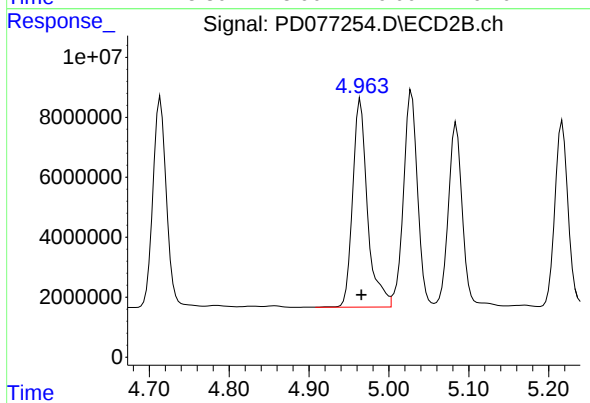
#9 Endosulfan I

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 75116679
Conc: 48.15 ng/ml



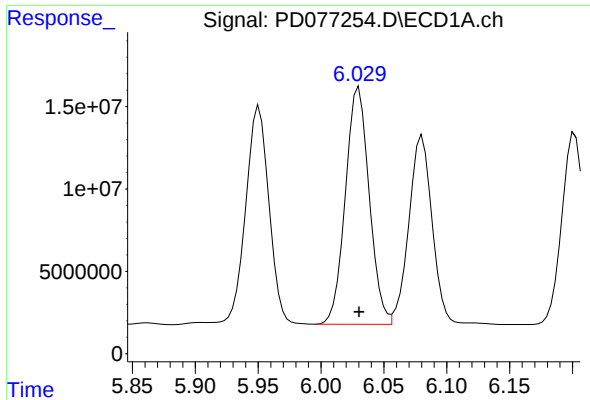
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 167920391
Conc: 51.59 ng/ml



#10 gamma-Chlordane

R.T.: 4.964 min
Delta R.T.: -0.001 min
Response: 90278900
Conc: 54.42 ng/ml



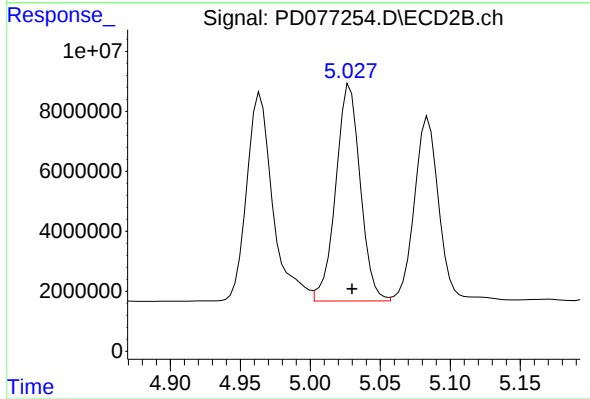
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 189797672
Conc: 57.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

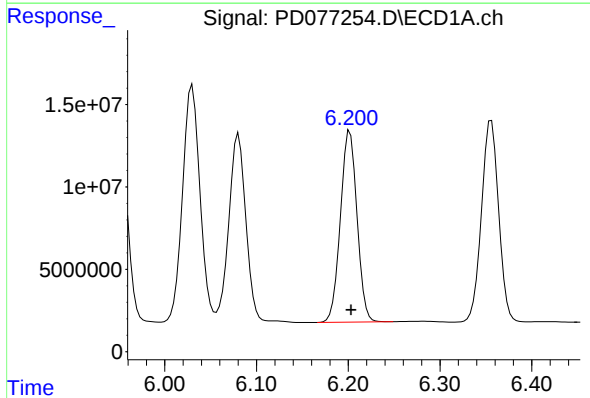
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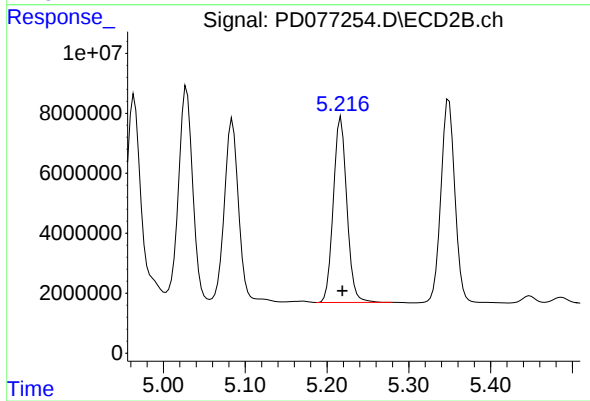
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 88200788
Conc: 52.82 ng/ml



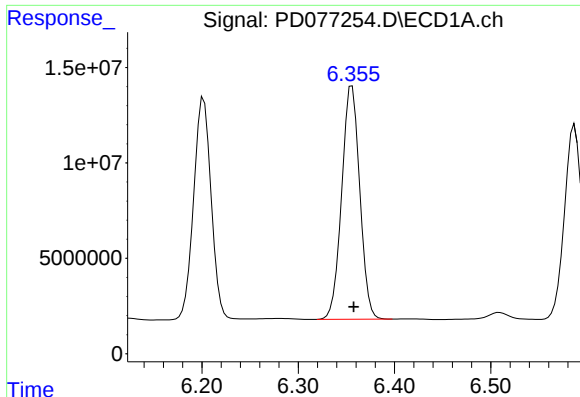
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 145941411
Conc: 49.20 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 71281857
Conc: 49.15 ng/ml



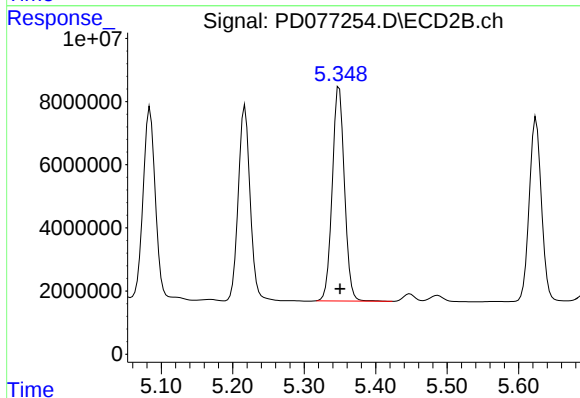
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 158885192
Conc: 48.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

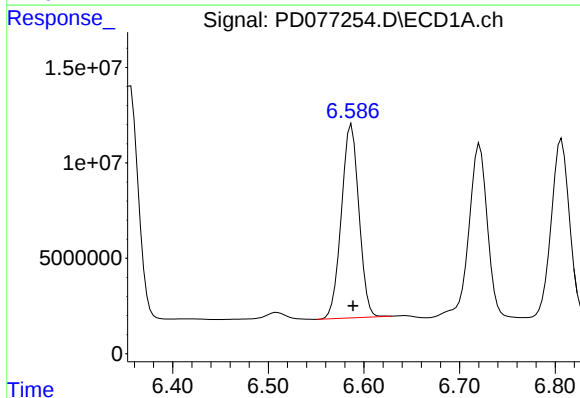
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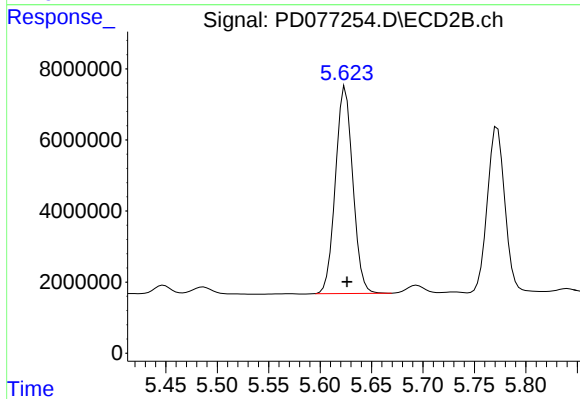
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 80671894
Conc: 47.89 ng/ml



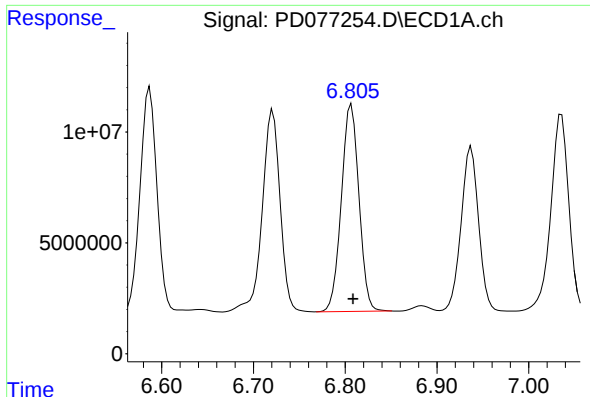
#14 Endrin

R.T.: 6.587 min
Delta R.T.: -0.002 min
Response: 129714304
Conc: 46.68 ng/ml



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 68313968
Conc: 46.69 ng/ml



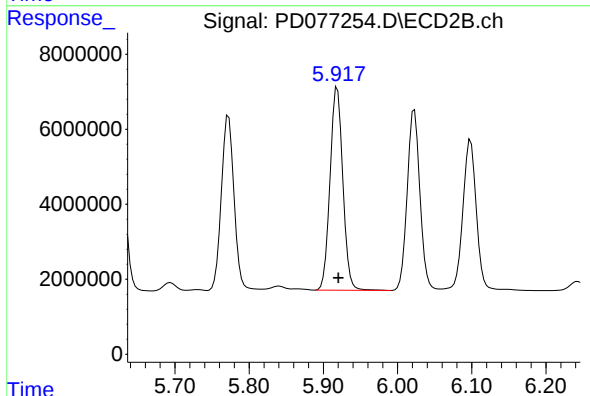
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: -0.002 min
Response: 123906813
Conc: 38.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

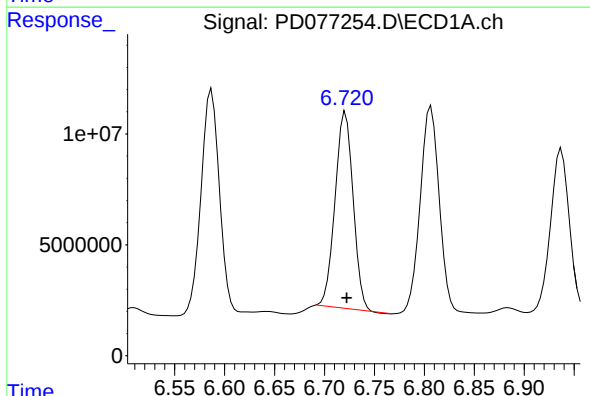
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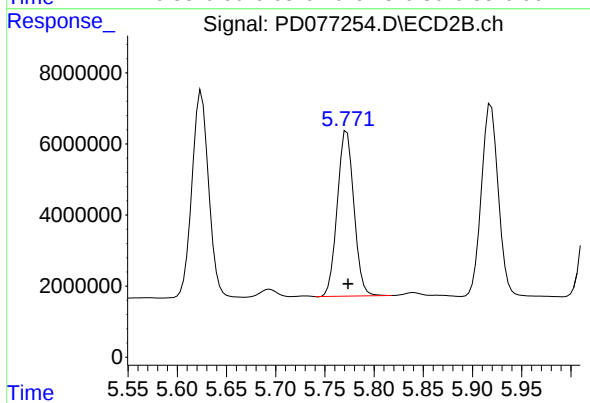
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 65051443
Conc: 44.13 ng/ml



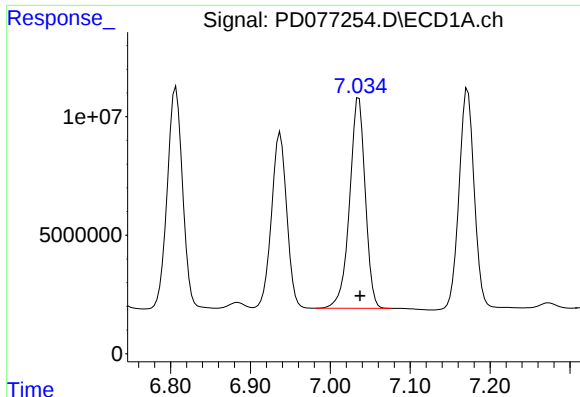
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 111426337
Conc: 47.36 ng/ml



#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 54631011
Conc: 49.13 ng/ml



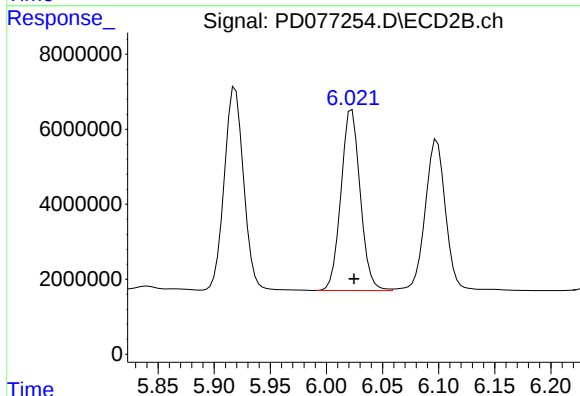
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 121122046
Conc: 49.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

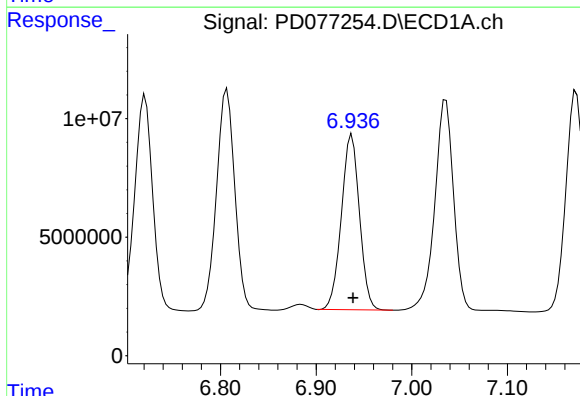
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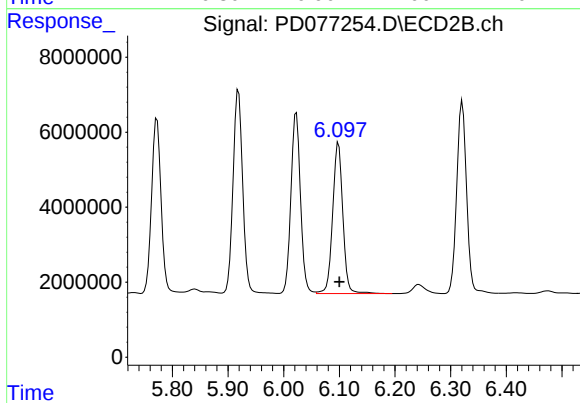
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 57551028
Conc: 51.77 ng/ml



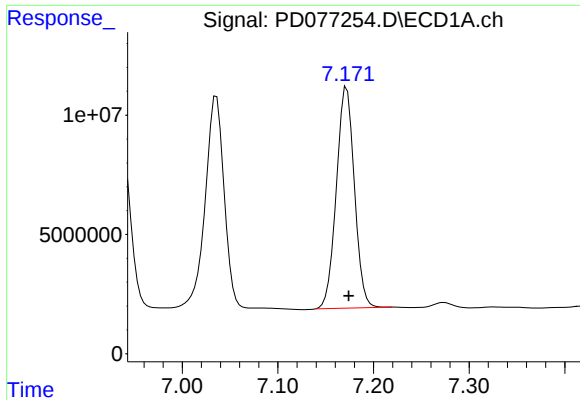
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.001 min
Response: 97302118
Conc: 44.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: -0.001 min
Response: 51194733
Conc: 44.97 ng/ml



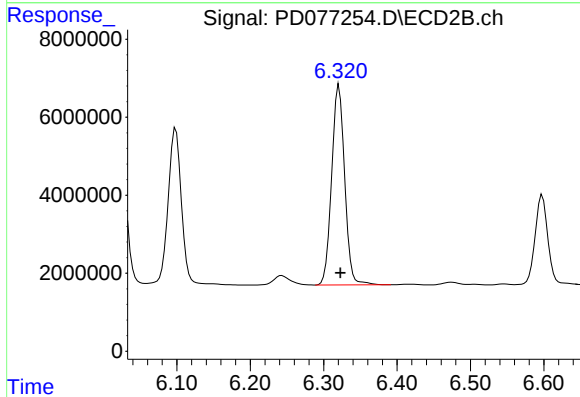
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 121648277
Conc: 46.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

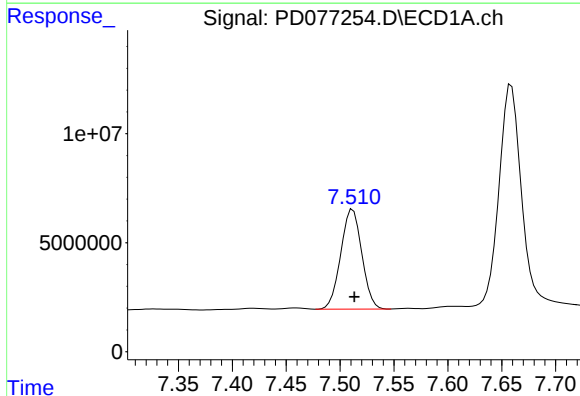
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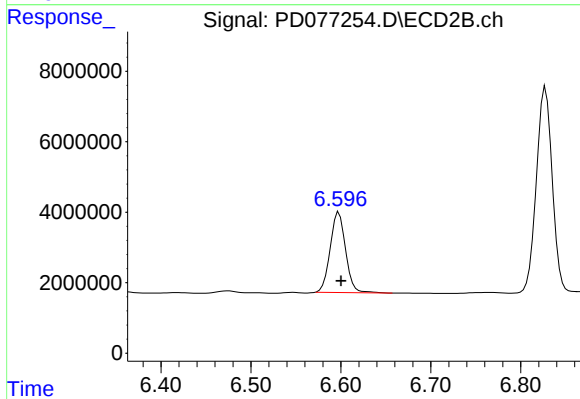
#19 Endosulfan Sulfate

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 63182408
Conc: 47.37 ng/ml



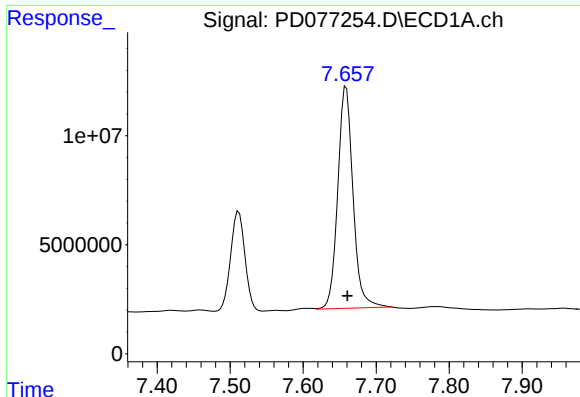
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: -0.002 min
Response: 62310526
Conc: 43.98 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 27220410
Conc: 45.52 ng/ml



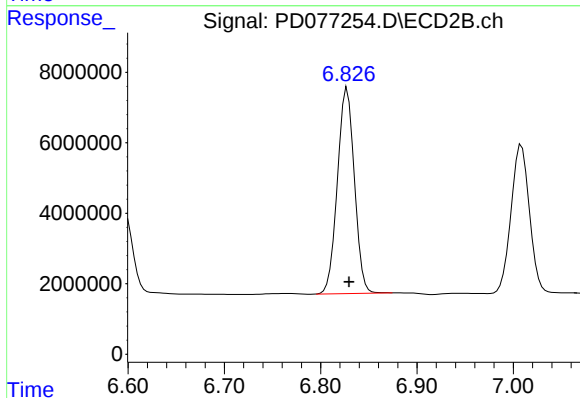
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 147795197
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-340MSD

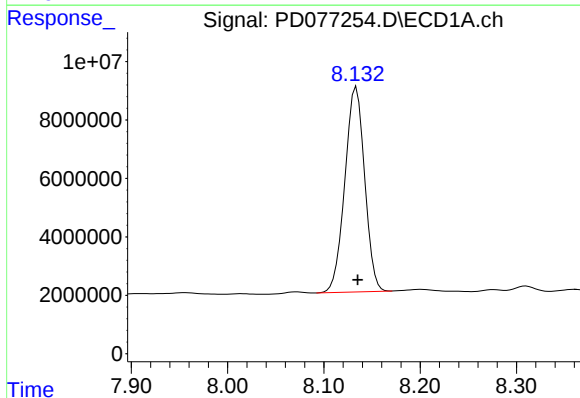
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/22/2023
Supervised By :Ankita Jodhani 08/22/2023



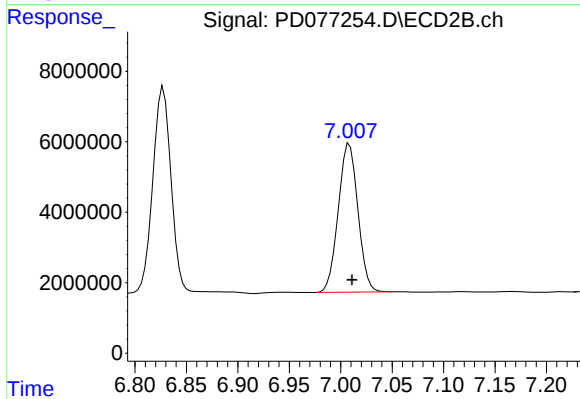
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 71459455
Conc: 45.07 ng/ml



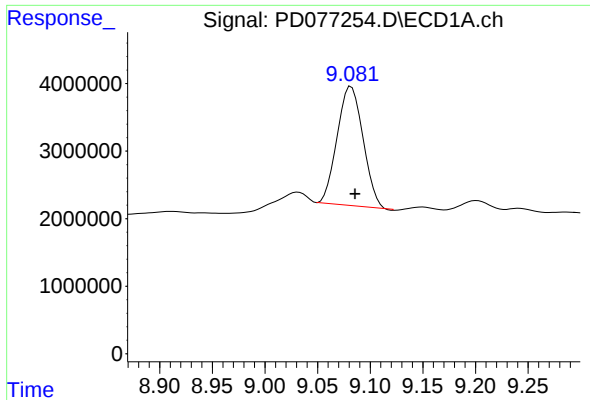
#22 Mirex

R.T.: 8.134 min
Delta R.T.: -0.002 min
Response: 99815227
Conc: 43.76 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 56022465
Conc: 43.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.005 min
Response: 30198787
Conc: 11.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

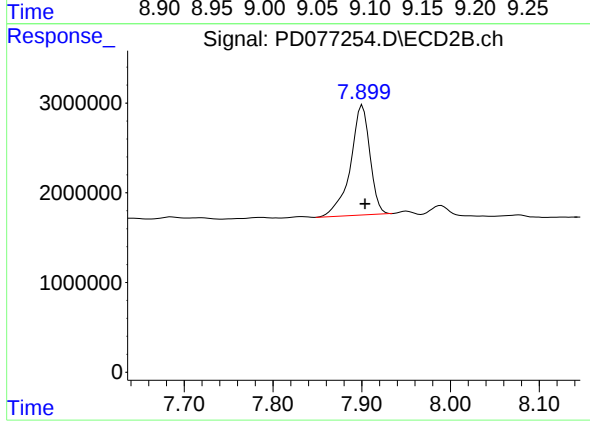
ETGI-340MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.004 min
Response: 18663614
Conc: 13.04 ng/ml m