

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032824\
 Data File : PD082234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2024 17:03
 Operator : AR\AJ
 Sample : P1830-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-206MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/29/2024
 Supervised By : Ankita Jodhani 03/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:33:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 16:01:04 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...	3.565	2.776	31592726	58481845	22.053m	23.796m
28)	SA Decachlor...	9.119	7.910	41273692	52045386	21.745	23.909
Target Compounds							
2)	A alpha-BHC	4.023	3.277	146.3E6	252.8E6	58.872	67.384
3)	MA gamma-BHC...	4.358	3.606	145.2E6	233.8E6	59.483	66.331
4)	MA Heptachlor	4.950	3.944	139.7E6	221.0E6	58.667	71.086m
5)	MB Aldrin	5.294	4.225	133.5E6	221.2E6	54.542	65.302
6)	B beta-BHC	4.553	3.902	56308919	96856930	55.525	65.510
7)	B delta-BHC	4.802	4.132	145.5E6	226.1E6	62.893	66.052
8)	B Heptachlo...	5.720	4.726	126.0E6	196.3E6	56.096	67.158
9)	A Endosulfan I	6.108	5.096	115.9E6	183.3E6	55.283	67.934
10)	B gamma-Chl...	5.977	4.976	127.1E6	202.7E6	57.501	69.360
11)	B alpha-Chl...	6.057	5.040	123.0E6	199.8E6	55.981	67.900
12)	B 4,4'-DDE	6.229	5.229	116.6E6	183.2E6	55.302	69.464 #
13)	MA Dieldrin	6.384	5.360	123.2E6	196.9E6	56.802	69.070
14)	MA Endrin	6.615	5.635	100.7E6	172.9E6	56.413	71.266 #
15)	B Endosulfa...	6.834	5.928	101.8E6	167.3E6	55.344	69.186 #
16)	A 4,4'-DDD	6.747	5.782	87407401	142.9E6	56.964	68.346
17)	MA 4,4'-DDT	7.062	6.033	93295392	148.2E6	58.547	70.407
18)	B Endrin al...	6.964	6.108	74912835	120.3E6	54.118	65.581
19)	B Endosulfa...	7.199	6.329	92688719	156.0E6	54.662	67.446
20)	A Methoxychlor	7.538	6.608	46683848	71866758	52.587	62.905
21)	B Endrin ke...	7.686	6.836	98928823	175.4E6	54.725	66.064
22)	Mirex	8.162	7.018	75405916	135.8E6	52.806	64.745

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032824\
Data File : PD082234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2024 17:03
Operator : AR\AJ
Sample : P1830-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

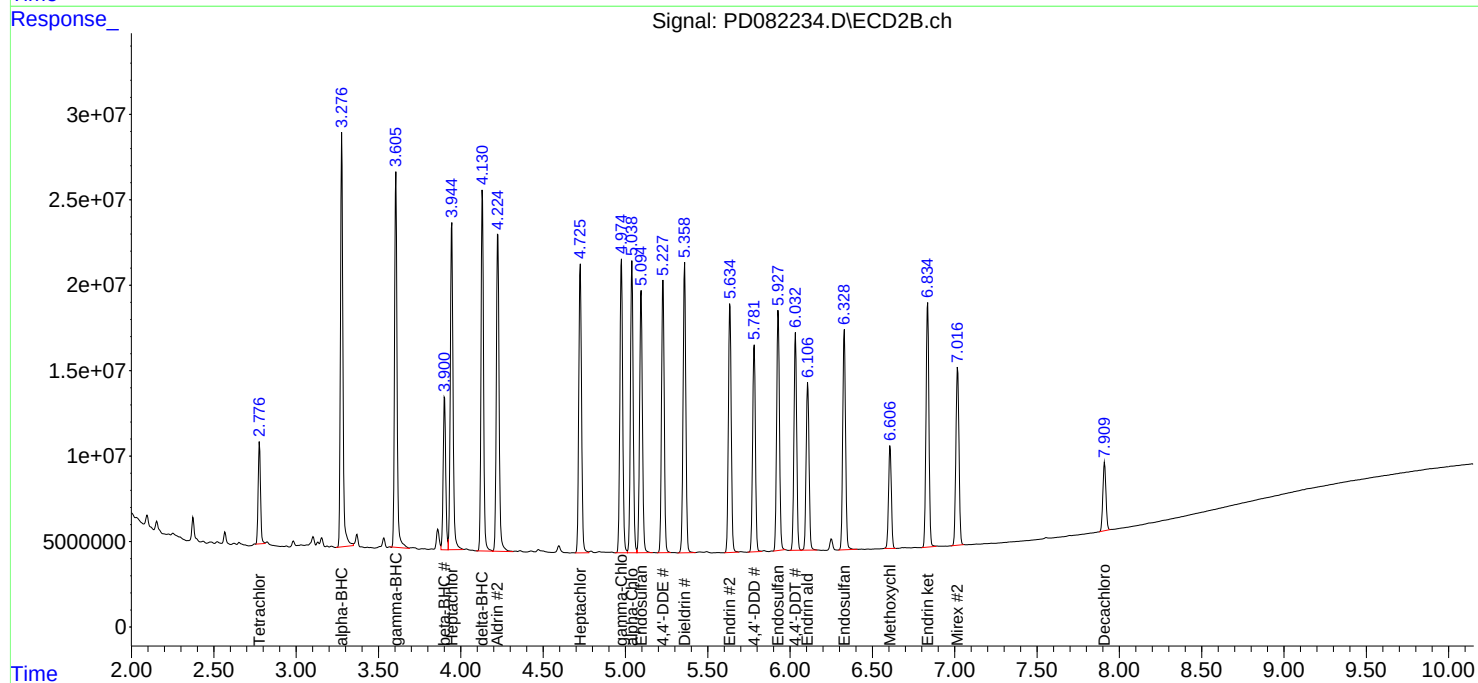
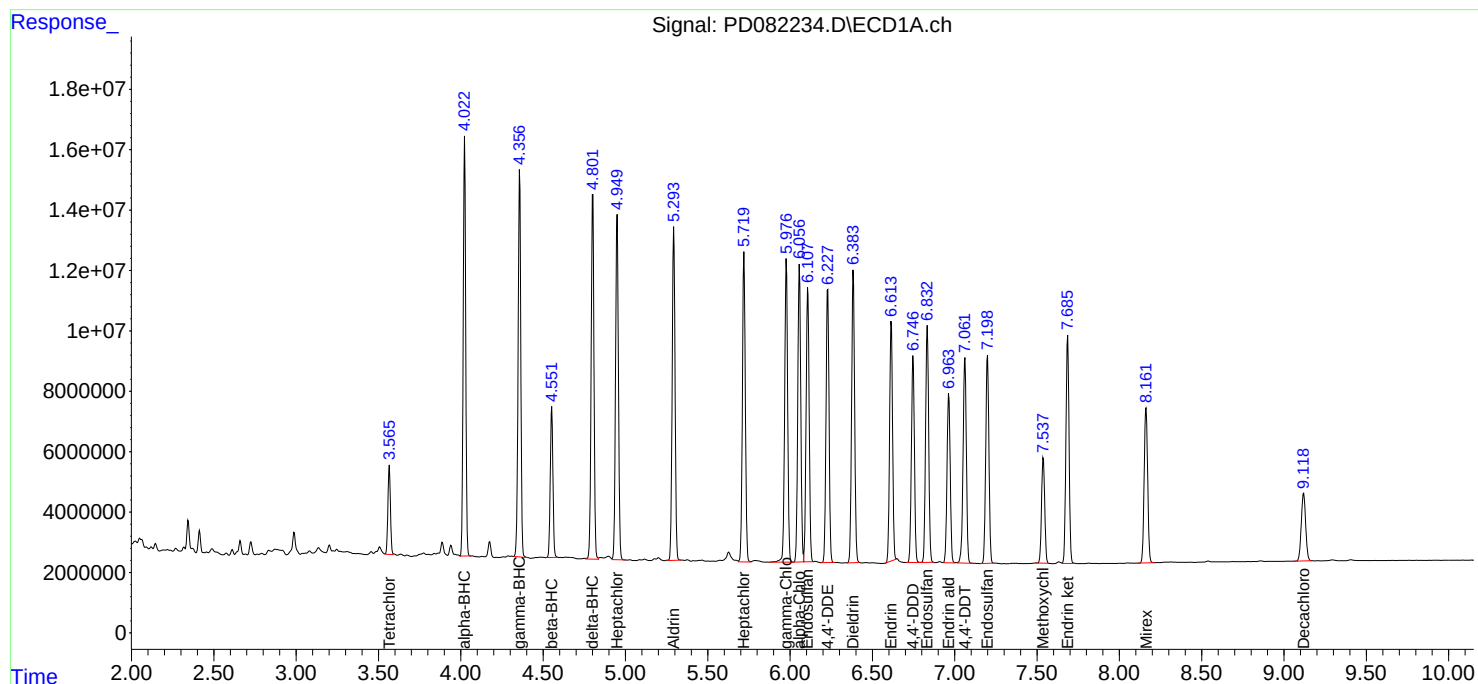
Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

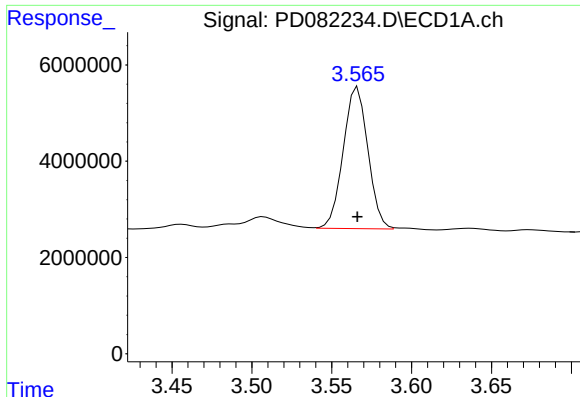
Manual Integrations
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Supervised By :Ankita Jodhani 03/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 01:33:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 16:01:04 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





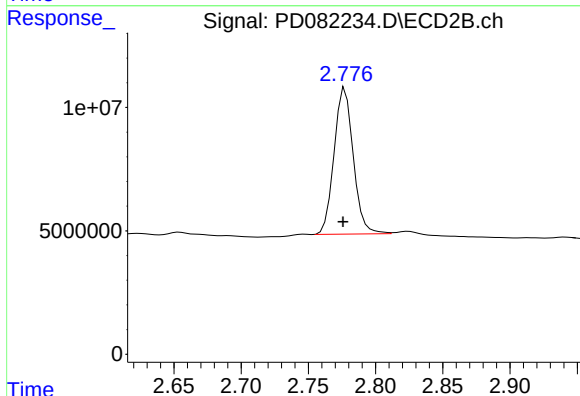
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: -0.001 min
Response: 31592726
Conc: 22.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

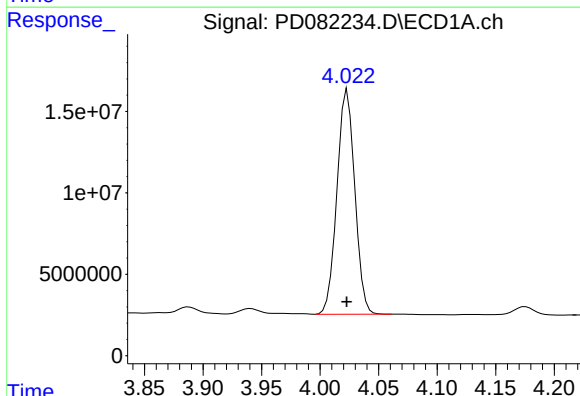
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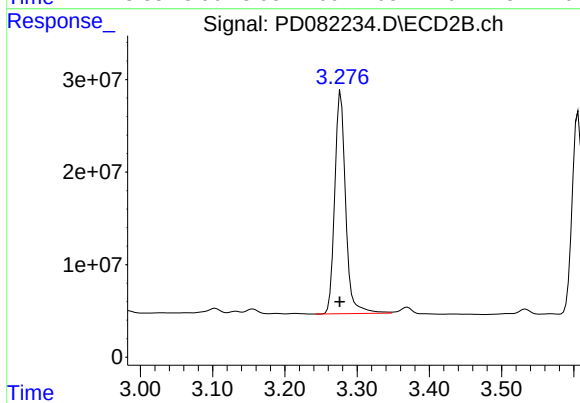
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 58481845
Conc: 23.80 ng/ml m



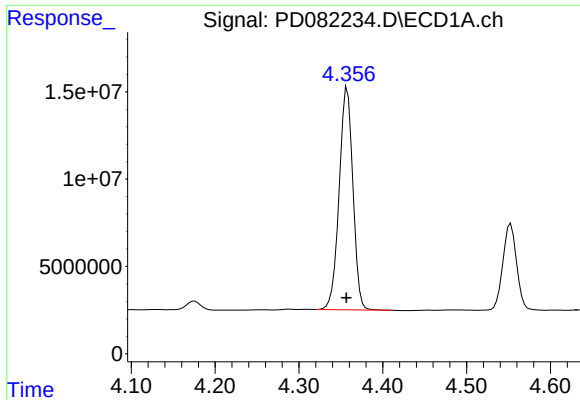
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 146275267
Conc: 58.87 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 252808779
Conc: 67.38 ng/ml



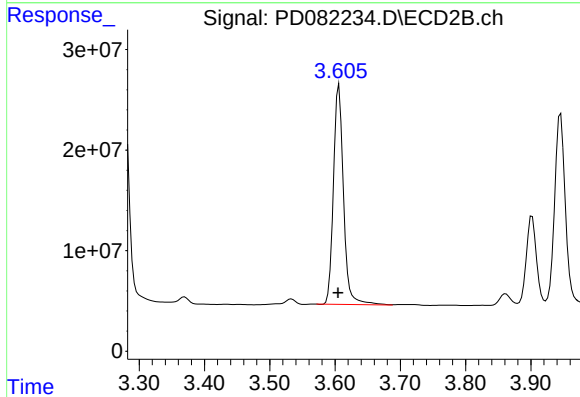
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 145157181
Conc: 59.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

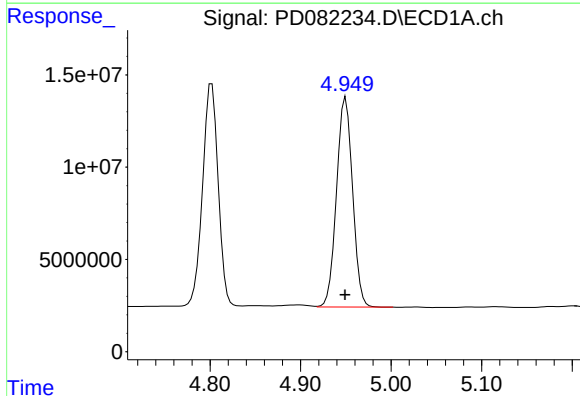
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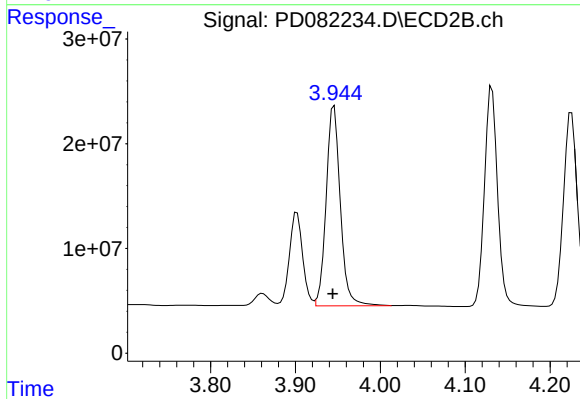
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.001 min
Response: 233778855
Conc: 66.33 ng/ml



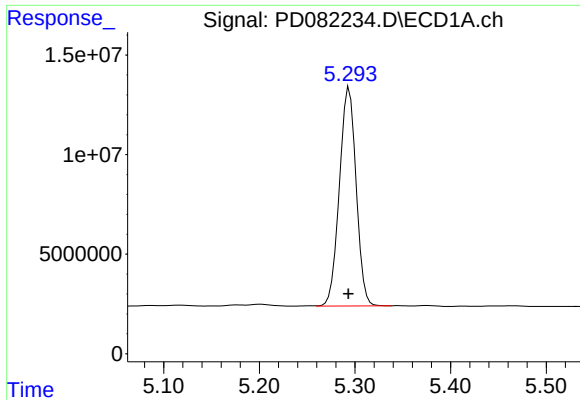
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 139744944
Conc: 58.67 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 220992698
Conc: 71.09 ng/ml m



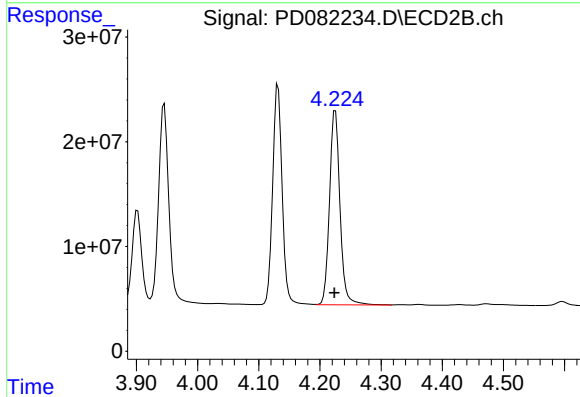
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 133521387
Conc: 54.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

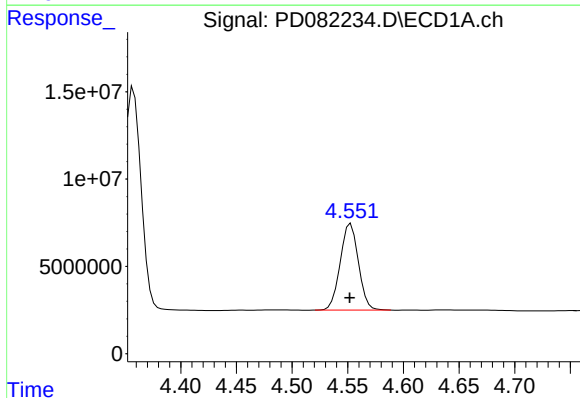
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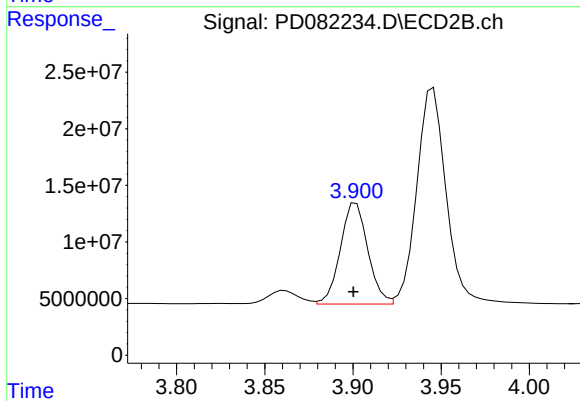
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.002 min
Response: 221241405
Conc: 65.30 ng/ml



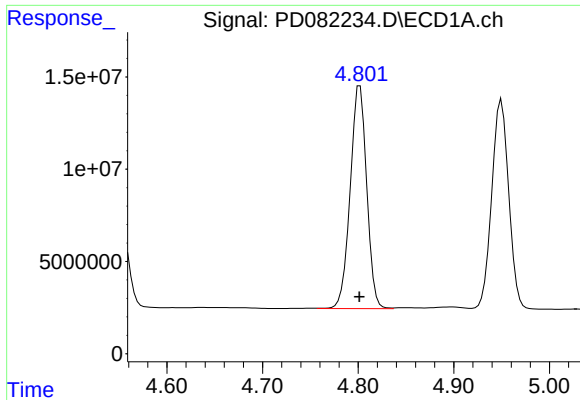
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 56308919
Conc: 55.52 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.002 min
Response: 96856930
Conc: 65.51 ng/ml



#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 145456487
Conc: 62.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

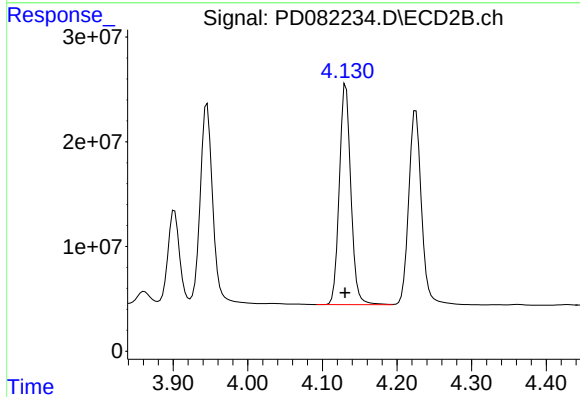
VNJ-206MSD

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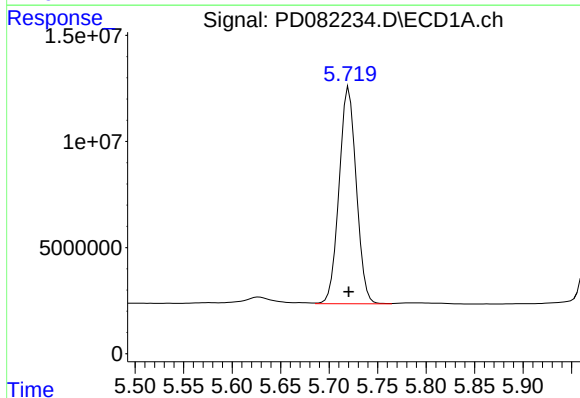
Reviewed By :Abdul Mirza 03/29/2024

Supervised By :Ankita Jodhani 03/29/2024



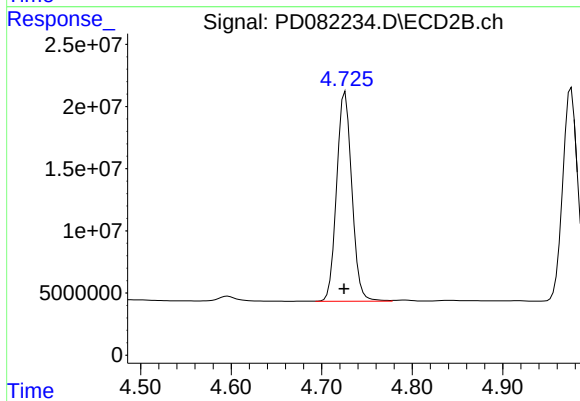
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.001 min
Response: 226087069
Conc: 66.05 ng/ml



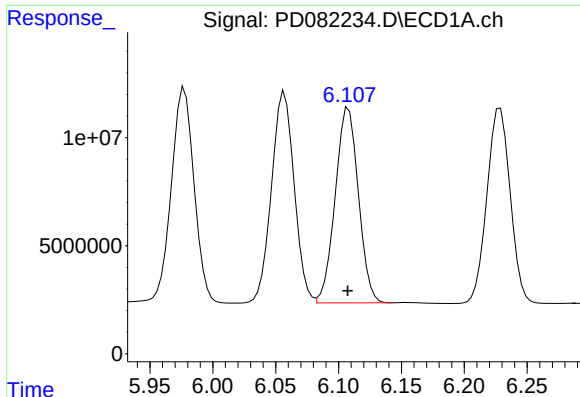
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 126033487
Conc: 56.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.001 min
Response: 196344677
Conc: 67.16 ng/ml



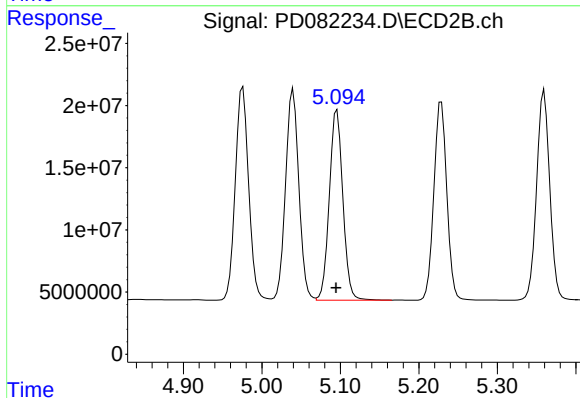
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 115892689
Conc: 55.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

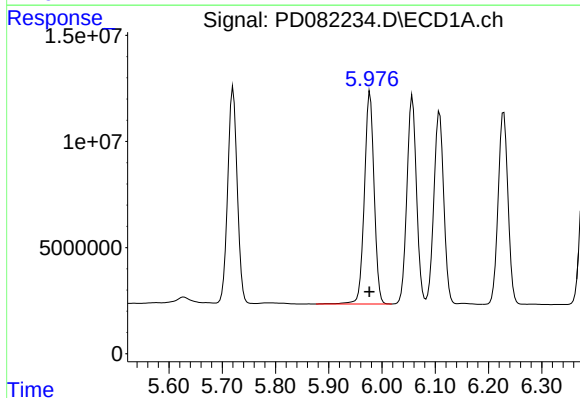
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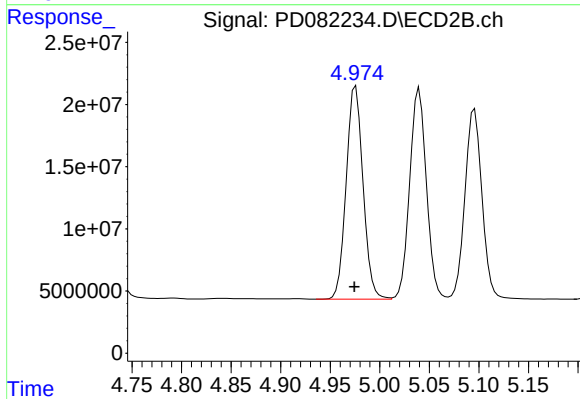
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.001 min
Response: 183314250
Conc: 67.93 ng/ml



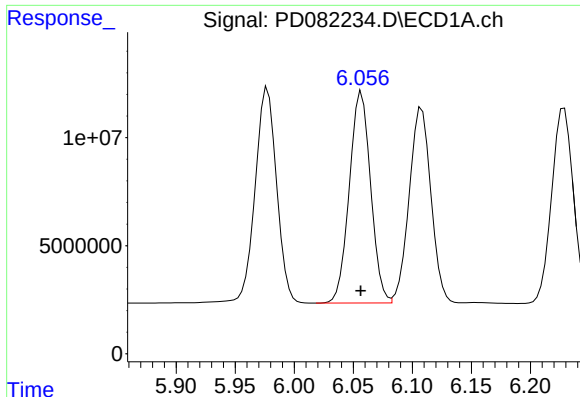
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 127082185
Conc: 57.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.001 min
Response: 202693714
Conc: 69.36 ng/ml



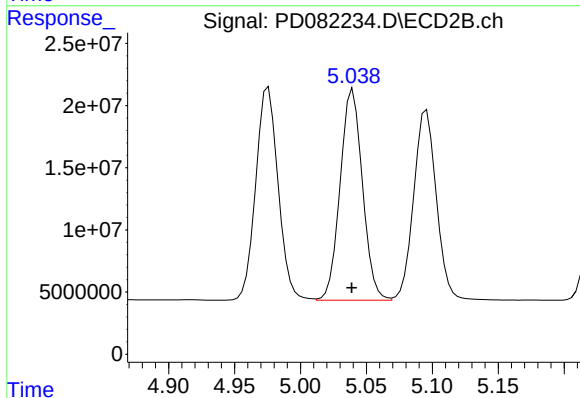
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 122978016
Conc: 55.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

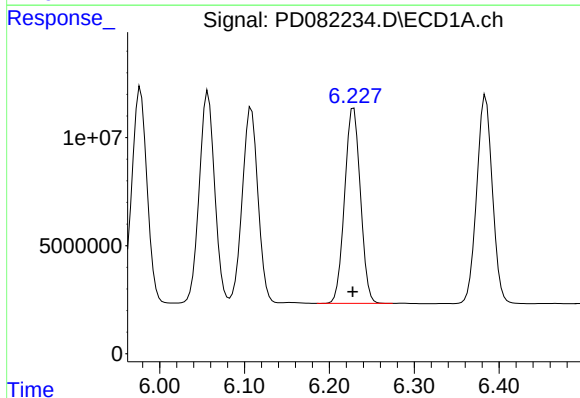
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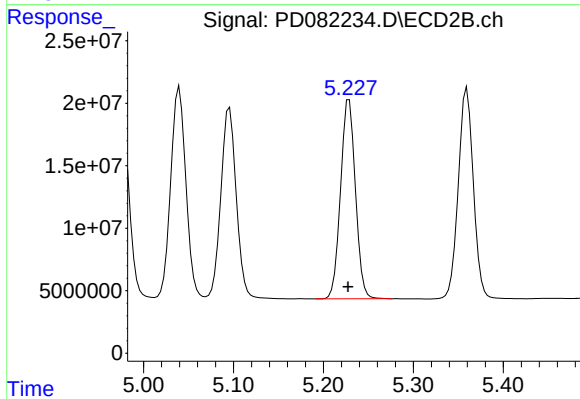
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 199762637
Conc: 67.90 ng/ml



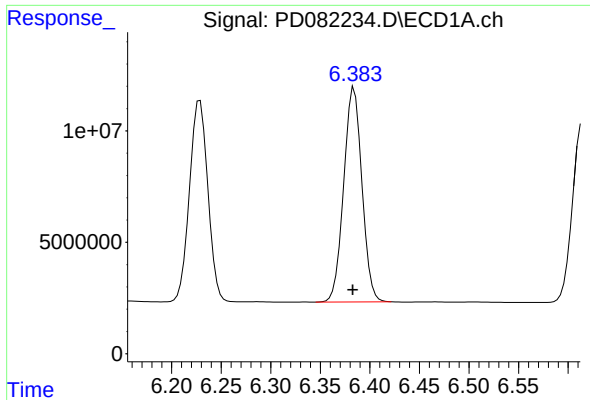
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 116623708
Conc: 55.30 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.001 min
Response: 183240404
Conc: 69.46 ng/ml



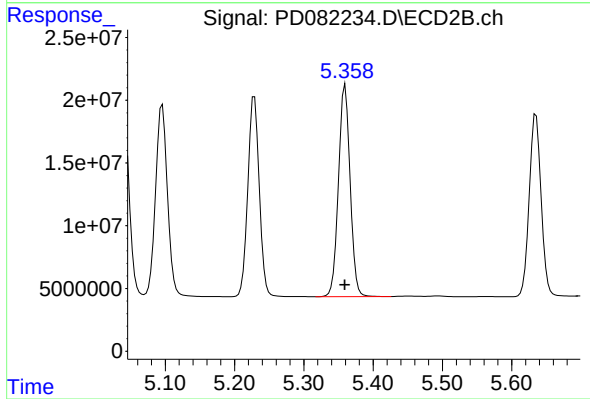
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 123151443
Conc: 56.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

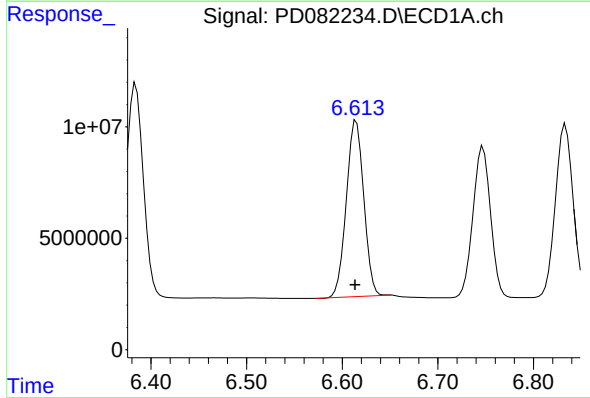
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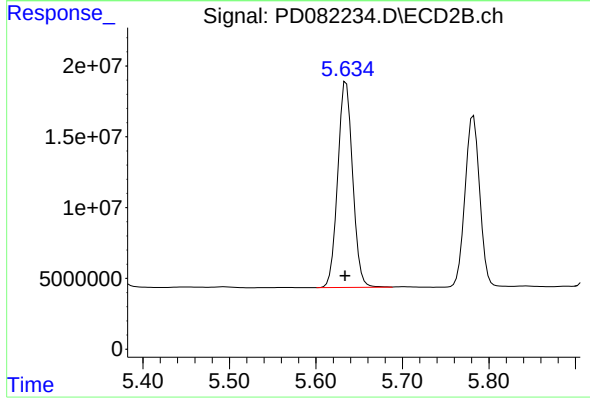
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 196938621
Conc: 69.07 ng/ml



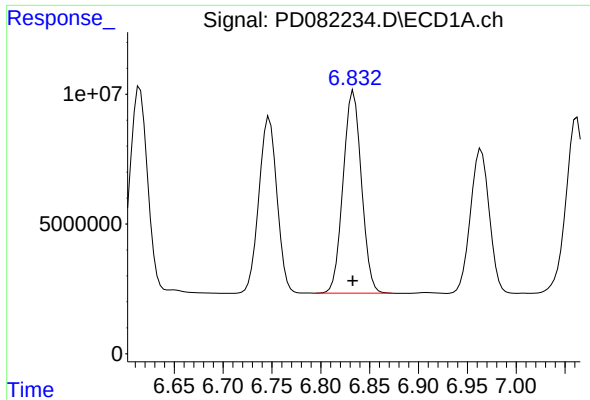
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 100659017
Conc: 56.41 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.001 min
Response: 172929954
Conc: 71.27 ng/ml



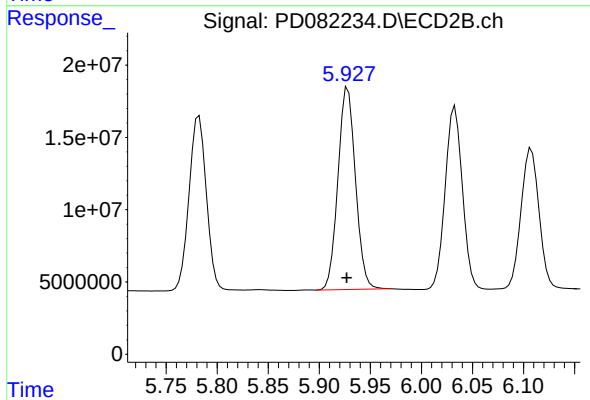
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.001 min
Response: 101818607
Conc: 55.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

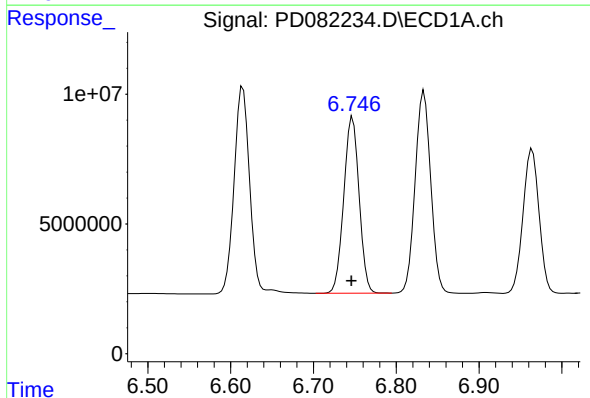
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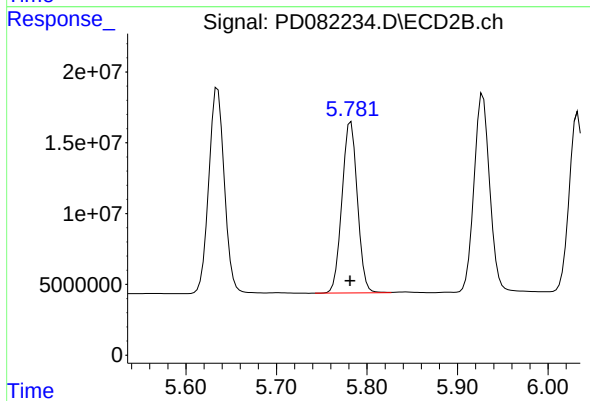
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.001 min
Response: 167334832
Conc: 69.19 ng/ml



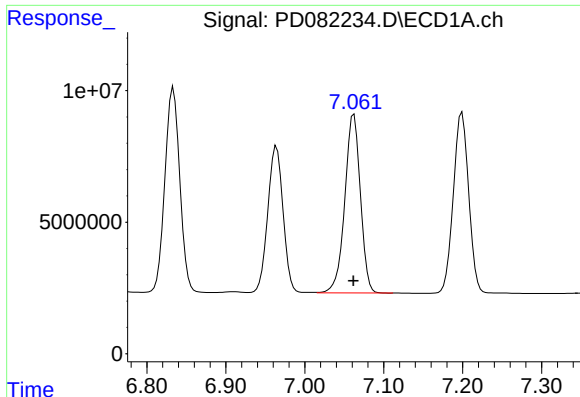
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 87407401
Conc: 56.96 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.001 min
Response: 142920317
Conc: 68.35 ng/ml



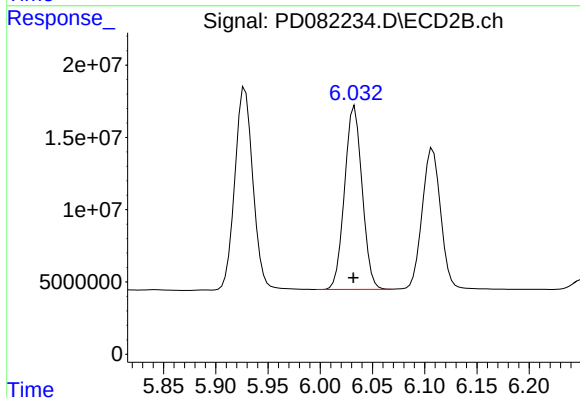
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 93295392
Conc: 58.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

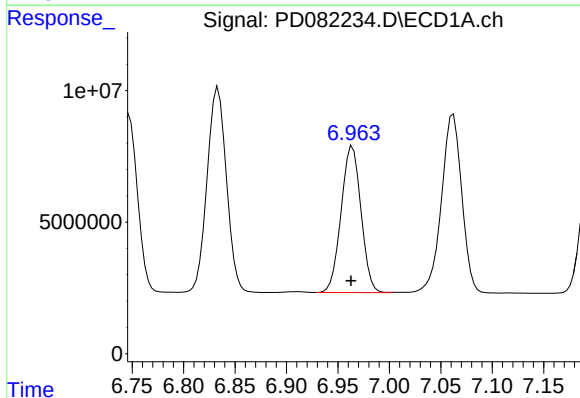
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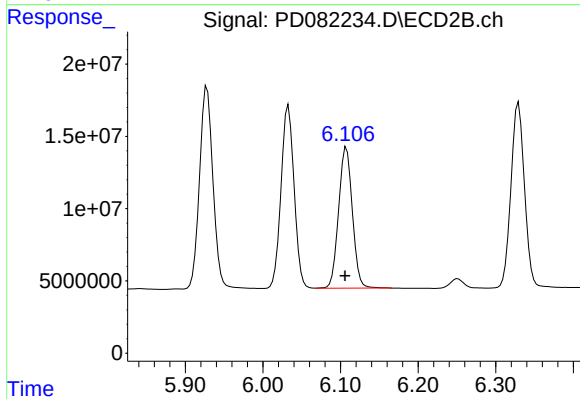
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 148152402
Conc: 70.41 ng/ml



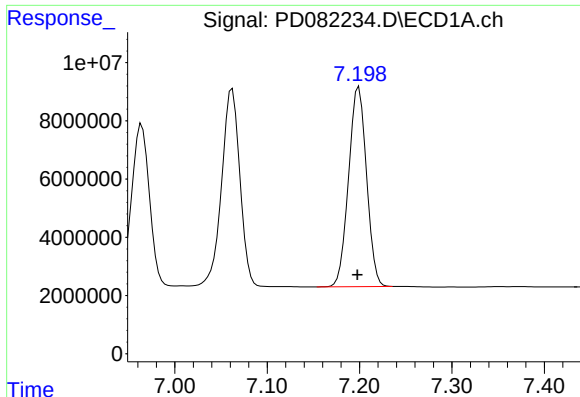
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.001 min
Response: 74912835
Conc: 54.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 120342539
Conc: 65.58 ng/ml



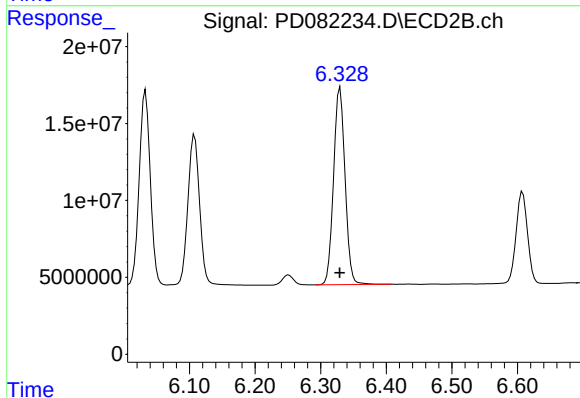
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.002 min
Response: 92688719
Conc: 54.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

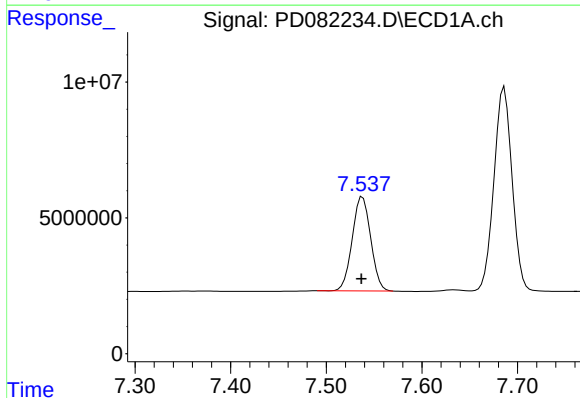
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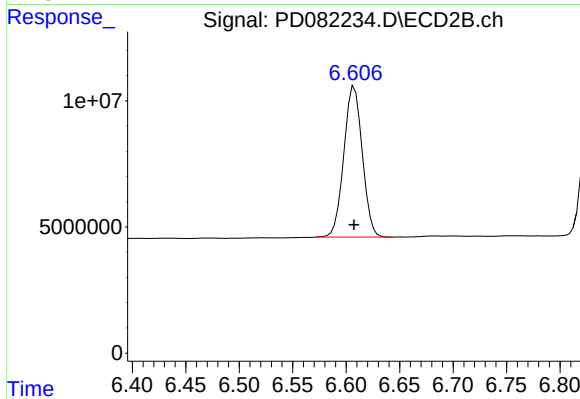
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 156048222
Conc: 67.45 ng/ml



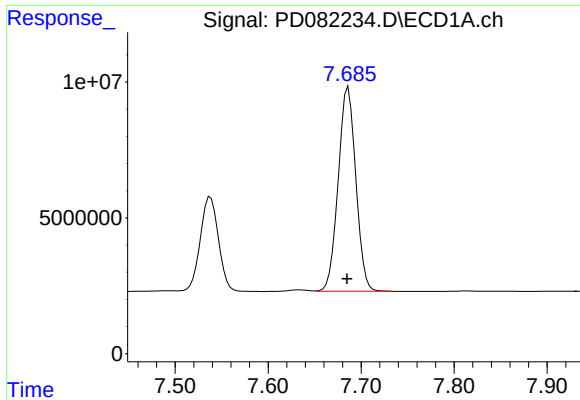
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.001 min
Response: 46683848
Conc: 52.59 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 71866758
Conc: 62.90 ng/ml



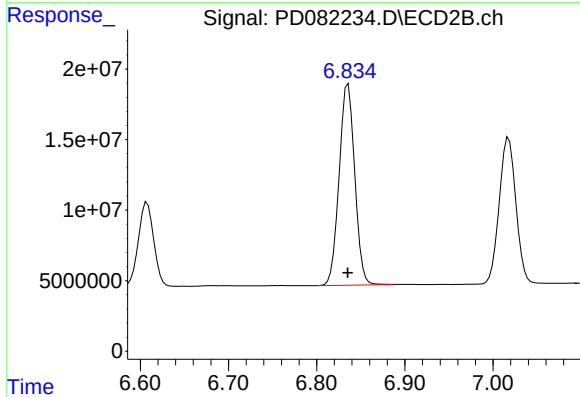
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.001 min
Response: 98928823
Conc: 54.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-206MSD

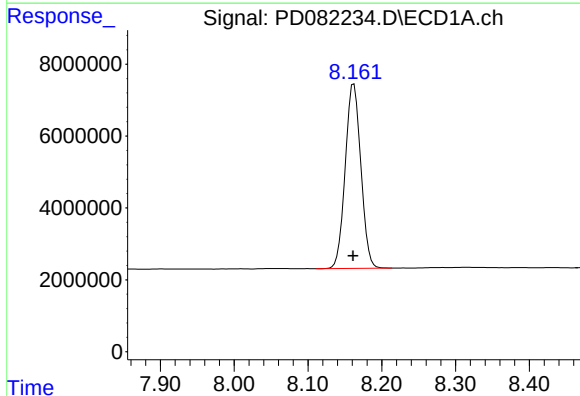
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APPROVED

Reviewed By :Abdul Mirza 03/29/2024
Supervised By :Ankita Jodhani 03/29/2024



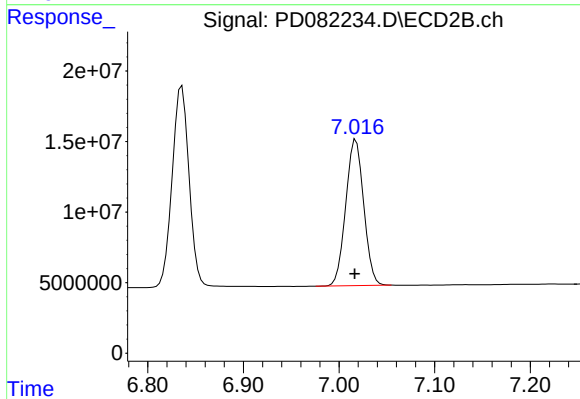
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 175396575
Conc: 66.06 ng/ml



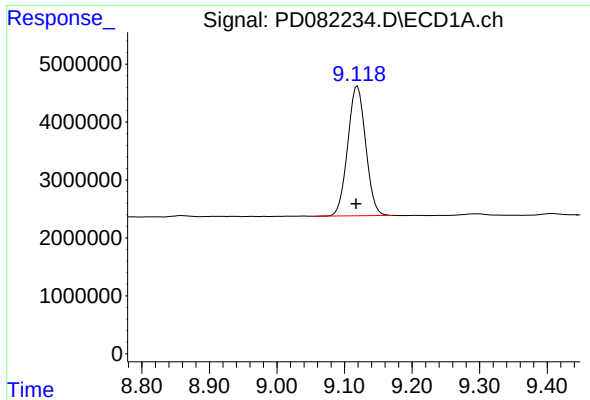
#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.001 min
Response: 75405916
Conc: 52.81 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.001 min
Response: 135785971
Conc: 64.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.002 min
Response: 41273692
Conc: 21.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

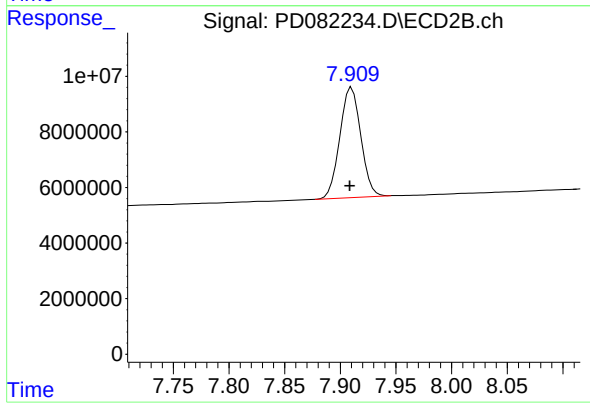
VNJ-206MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.002 min
Response: 52045386
Conc: 23.91 ng/ml