

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052224\
 Data File : PD082934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2024 14:31
 Operator : AR\AJ
 Sample : PB160997BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB160997BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/22/2024
 Supervised By :Ankita Jodhani 05/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 01:19:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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...	3.575	2.778	31707144	99434257	20.480	25.089
2)	SA Decachlor...	9.134	7.907	46065695	95532868	23.068	24.715
Target Compounds							
2)	A alpha-BHC	4.032	3.277	129.6E6	345.1E6	47.323	55.319
3)	MA gamma-BHC...	4.367	3.605	126.5E6	317.1E6	47.872	53.662
4)	MA Heptachlor	4.959	3.944	131.5E6	291.2E6	52.136	52.606
5)	MB Aldrin	5.303	4.223	134.9E6	293.7E6	52.339	51.544
6)	B beta-BHC	4.562	3.901	51572131	132.7E6	49.241	55.560
7)	B delta-BHC	4.811	4.130	129.6E6	312.0E6	52.150	53.898
8)	B Heptachlo...	5.730	4.724	119.8E6	268.8E6	51.349	53.364
9)	A Endosulfan I	6.118	5.094	111.0E6	252.9E6	51.408	54.823
10)	B gamma-Chl...	5.987	4.974	119.3E6	277.8E6	52.692	55.574
11)	B alpha-Chl...	6.066	5.038	117.6E6	271.1E6	51.978	54.598
12)	B 4,4'-DDE	6.238	5.226	112.7E6	265.1E6	51.513	56.785
13)	MA Dieldrin	6.393	5.358	113.6E6	276.0E6	50.806	54.912
14)	MA Endrin	6.625	5.633	70284234	186.6E6	37.355	42.677
15)	B Endosulfa...	6.844	5.927	96928677	241.2E6	48.583	57.767
16)	A 4,4'-DDD	6.757	5.780	86162582	233.0E6	53.866	61.940
17)	MA 4,4'-DDT	7.072	6.031	77539302	199.8E6	45.933	52.094
18)	B Endrin al...	6.974	6.106	77064309	196.2E6	55.040	62.857
19)	B Endosulfa...	7.208	6.329	87506568	232.8E6	49.594m	58.391
20)	A Methoxychlor	7.548	6.606	38419739	94281336	41.913m	46.400
21)	B Endrin ke...	7.696	6.835	109.7E6	291.0E6	57.062	64.014
22)	Mirex	8.172	7.016	78988347	200.4E6	51.534	56.100

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052224\
Data File : PD082934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2024 14:31
Operator : AR\AJ
Sample : PB160997BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

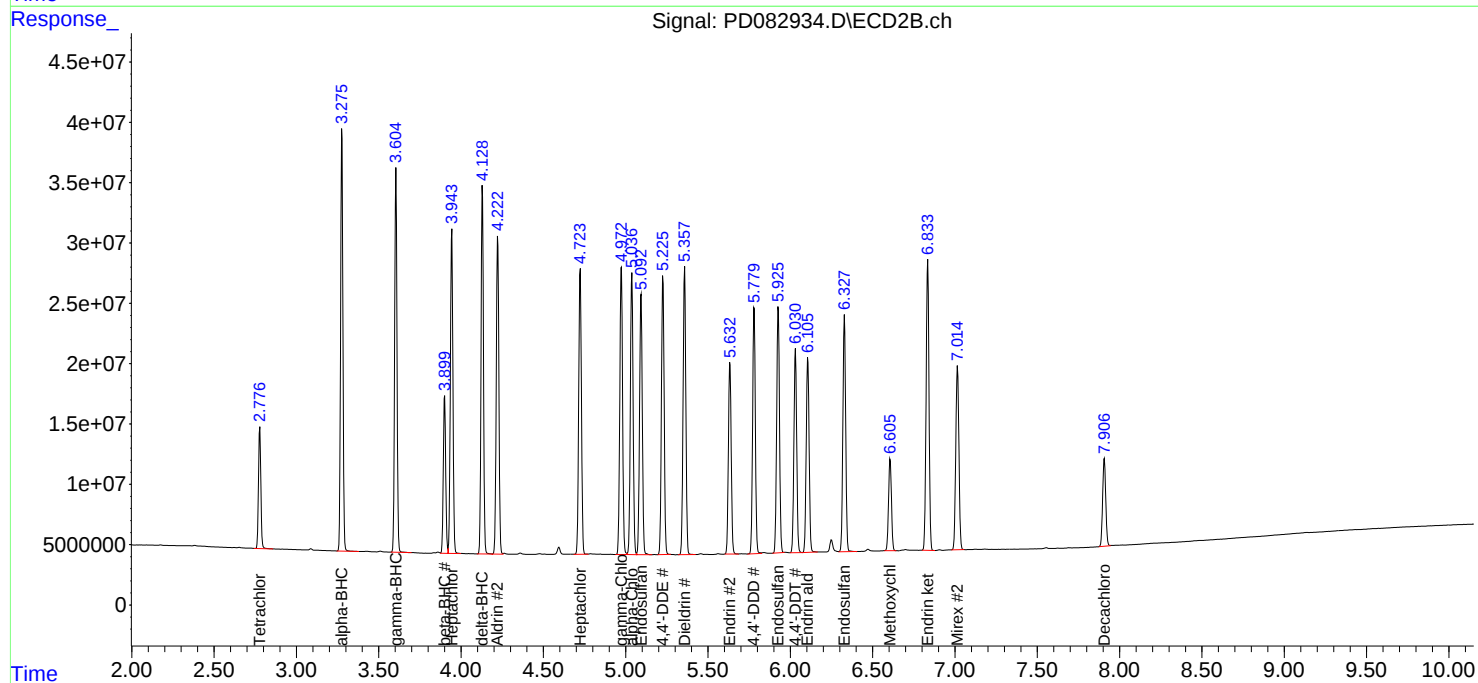
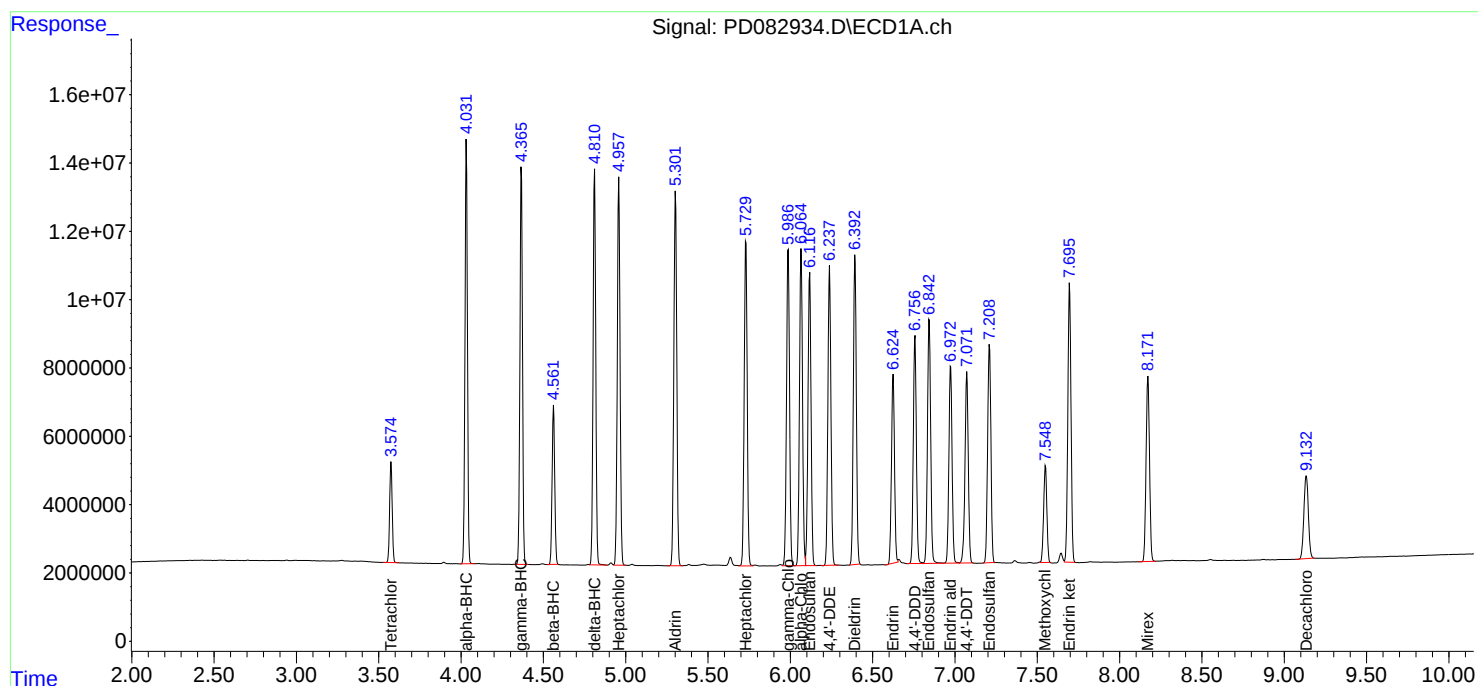
Instrument :
ECD_D
ClientSampleId :
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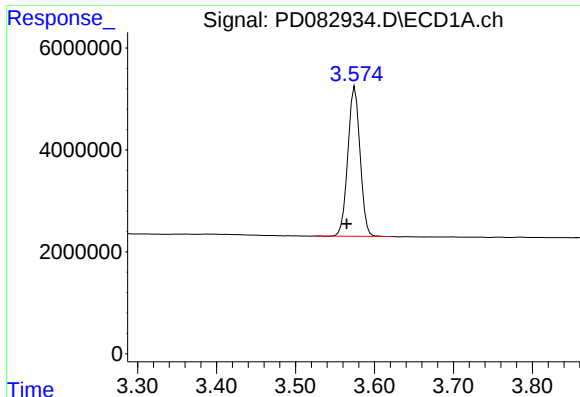
Manual Integrations
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Supervised By :Ankita Jodhani 05/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 01:19:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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.: 3.575 min
Delta R.T.: 0.010 min
Response: 31707144
Conc: 20.48 ng/ml

Instrument :

ECD_D

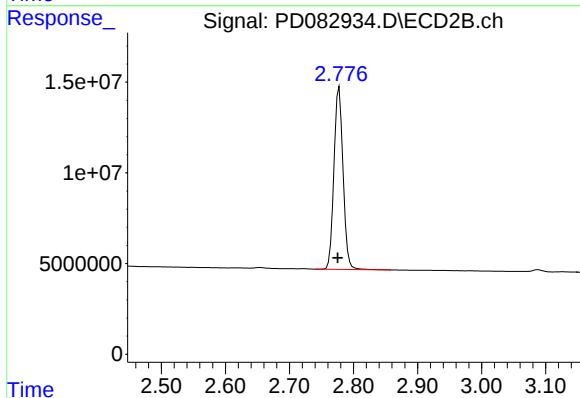
ClientSampleId :

PB160997BS

Manual Integrations

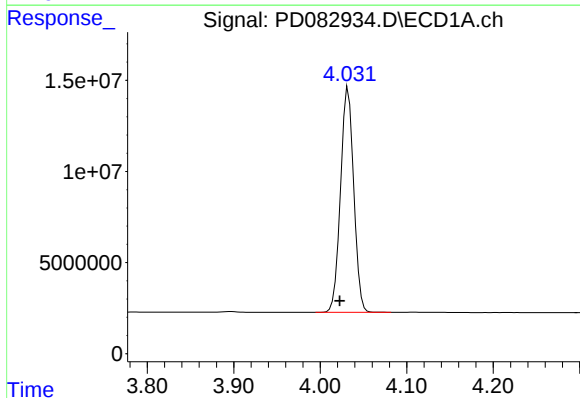
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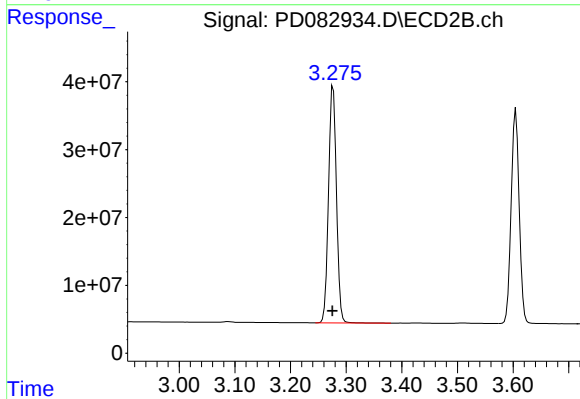
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.002 min
Response: 99434257
Conc: 25.09 ng/ml



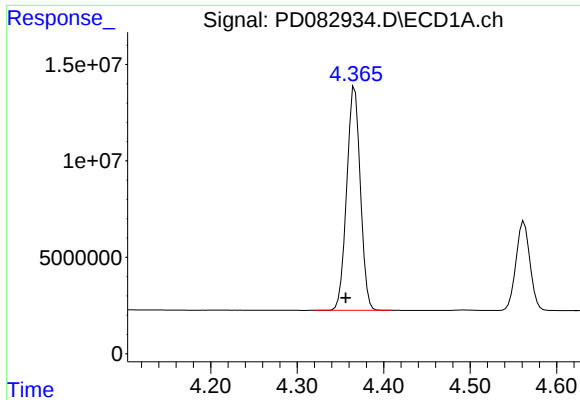
#2 alpha-BHC

R.T.: 4.032 min
Delta R.T.: 0.010 min
Response: 129626593
Conc: 47.32 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 345077649
Conc: 55.32 ng/ml



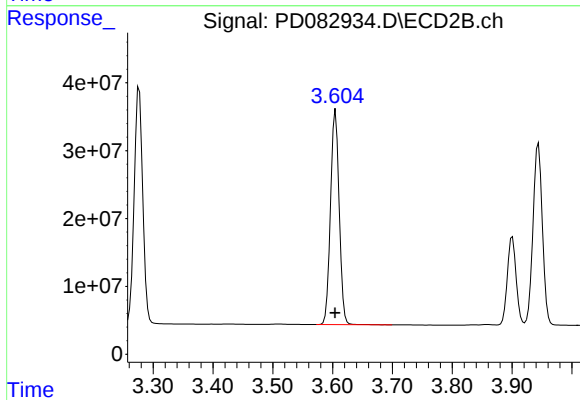
#3 gamma-BHC (Lindane)

R.T.: 4.367 min
Delta R.T.: 0.010 min
Response: 126535326
Conc: 47.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

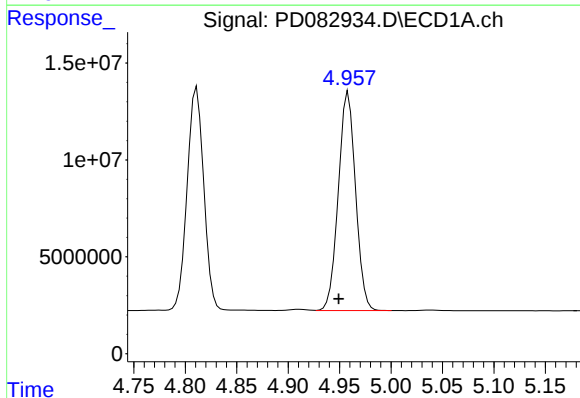
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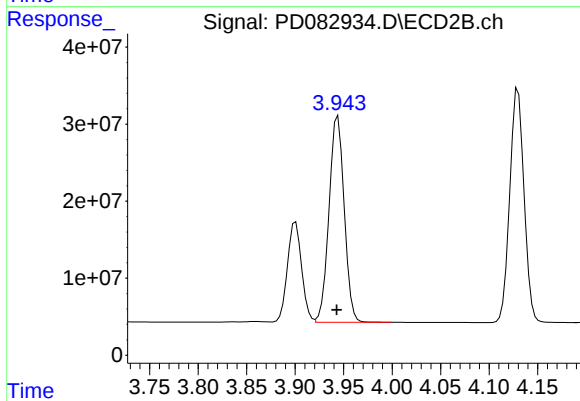
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.001 min
Response: 317145589
Conc: 53.66 ng/ml



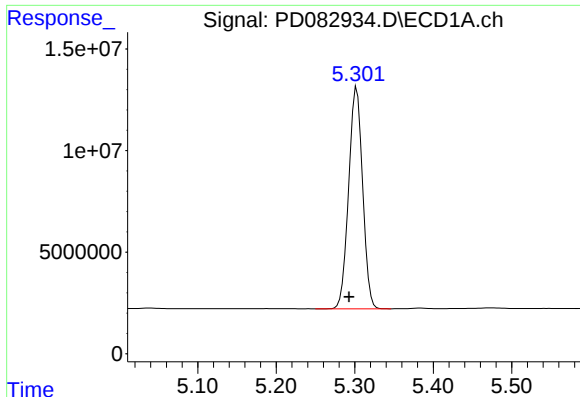
#4 Heptachlor

R.T.: 4.959 min
Delta R.T.: 0.009 min
Response: 131489938
Conc: 52.14 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.001 min
Response: 291188540
Conc: 52.61 ng/ml



#5 Aldrin

R.T.: 5.303 min
Delta R.T.: 0.010 min
Response: 134872016
Conc: 52.34 ng/ml

Instrument :

ECD_D

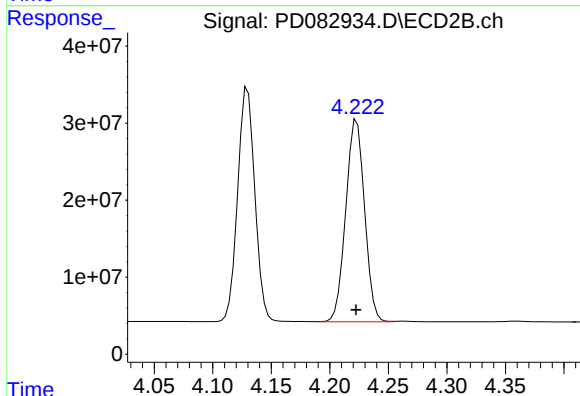
ClientSampleId :

PB160997BS

Manual Integrations

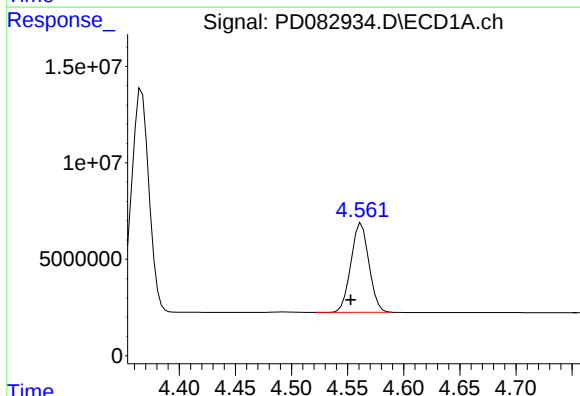
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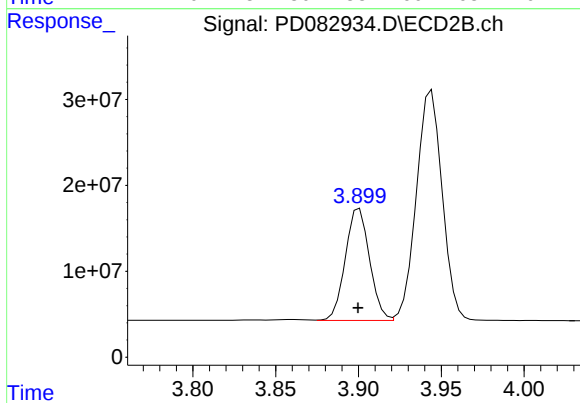
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 293721705
Conc: 51.54 ng/ml



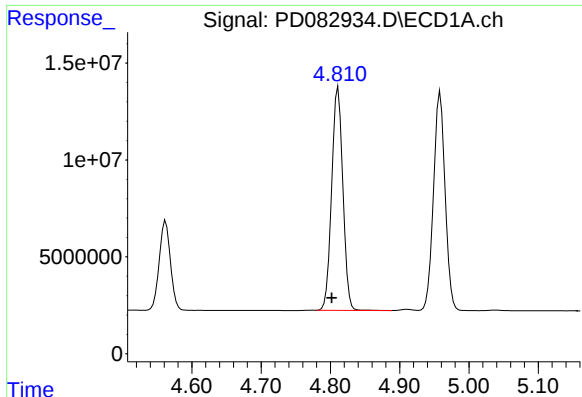
#6 beta-BHC

R.T.: 4.562 min
Delta R.T.: 0.010 min
Response: 51572131
Conc: 49.24 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 132682925
Conc: 55.56 ng/ml



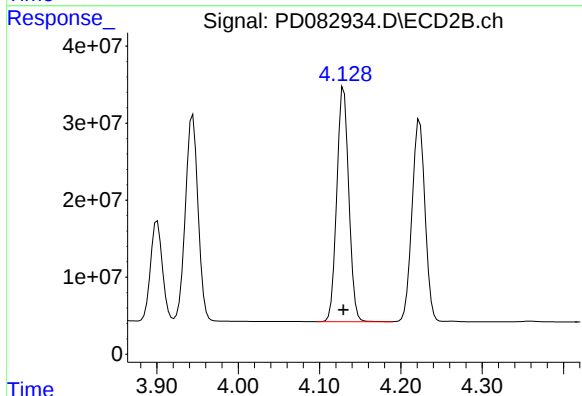
#7 delta-BHC

R.T.: 4.811 min
Delta R.T.: 0.009 min
Response: 129580985
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

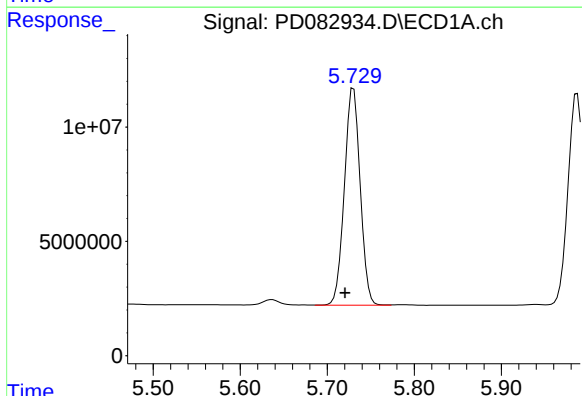
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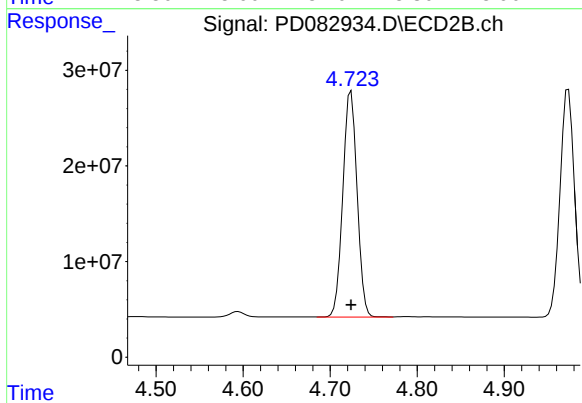
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 311978679
Conc: 53.90 ng/ml



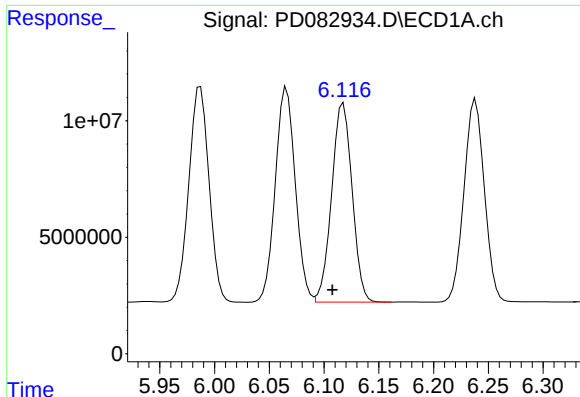
#8 Heptachlor epoxide

R.T.: 5.730 min
Delta R.T.: 0.010 min
Response: 119772209
Conc: 51.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 268825550
Conc: 53.36 ng/ml



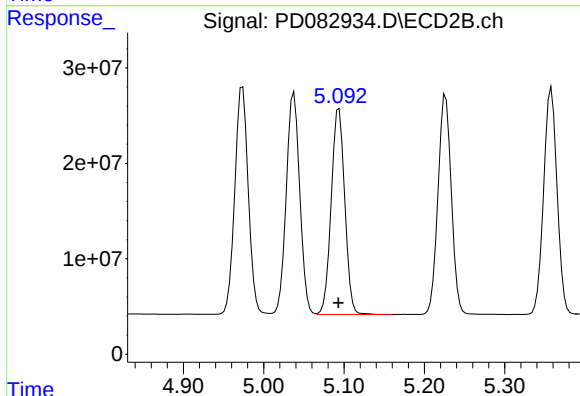
#9 Endosulfan I

R.T.: 6.118 min
Delta R.T.: 0.010 min
Response: 111009434
Conc: 51.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

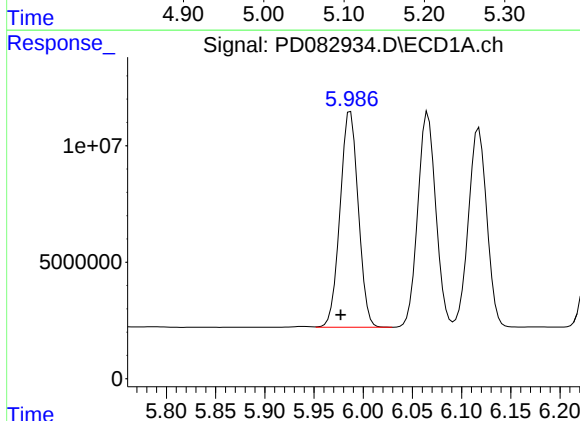
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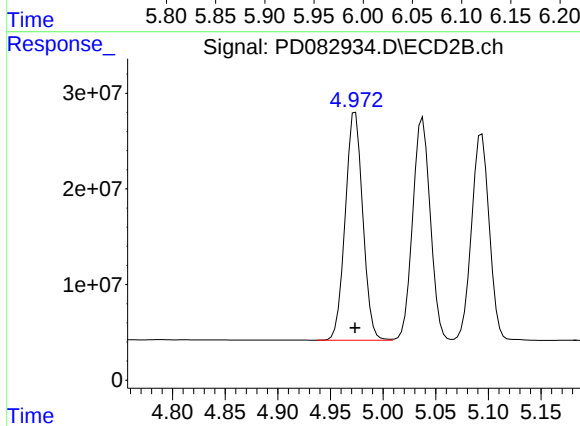
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 252871424
Conc: 54.82 ng/ml



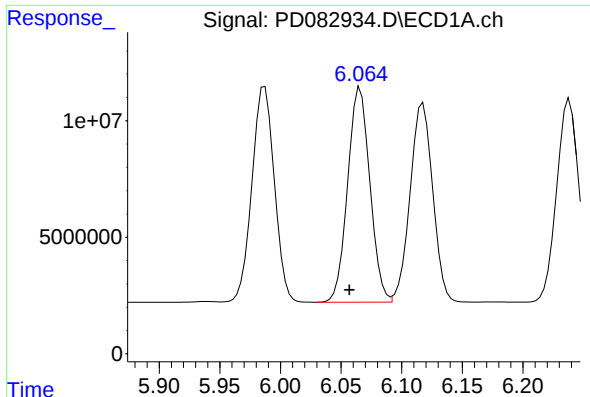
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: 0.010 min
Response: 119342625
Conc: 52.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 277805767
Conc: 55.57 ng/ml



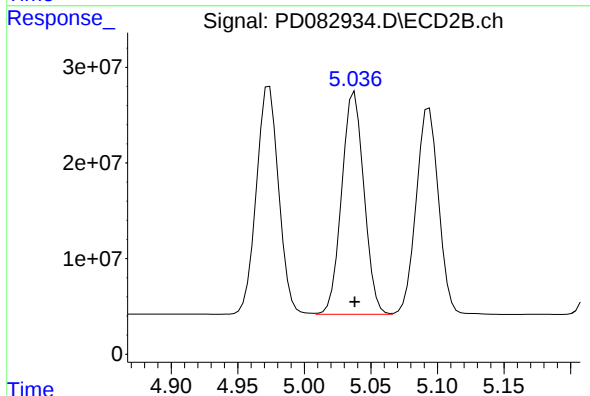
#11 alpha-Chlordane

R.T.: 6.066 min
Delta R.T.: 0.009 min
Response: 117590154
Conc: 51.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

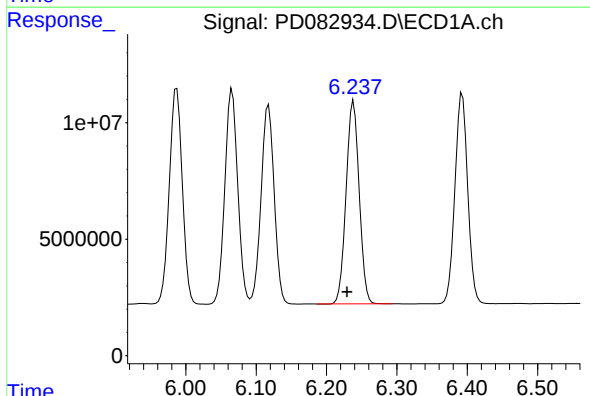
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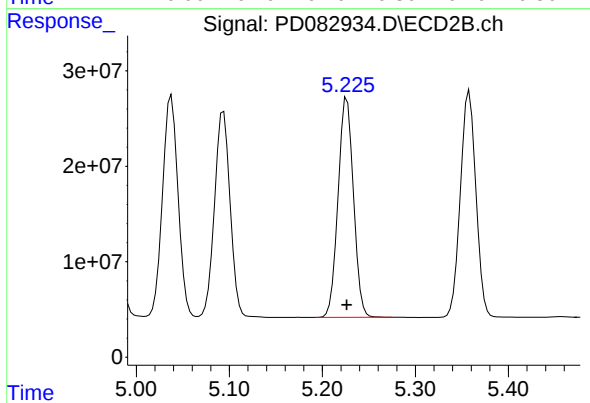
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 271137106
Conc: 54.60 ng/ml



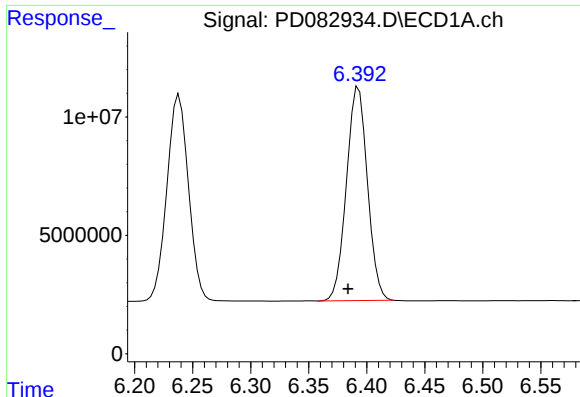
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: 0.009 min
Response: 112705137
Conc: 51.51 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 265063731
Conc: 56.78 ng/ml



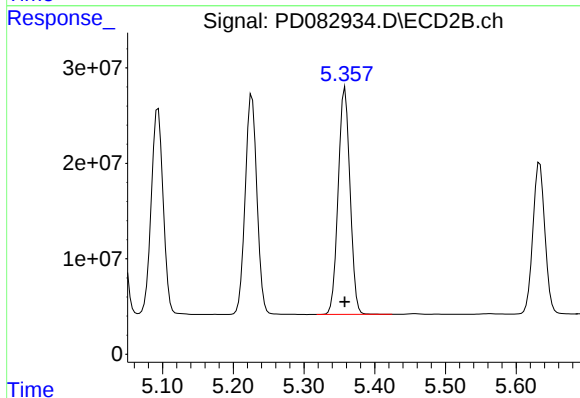
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: 0.009 min
Response: 113620215
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

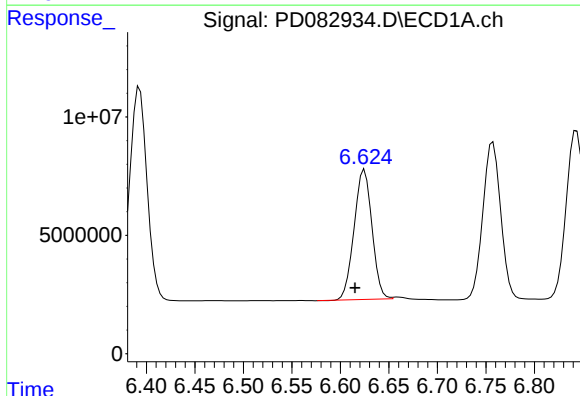
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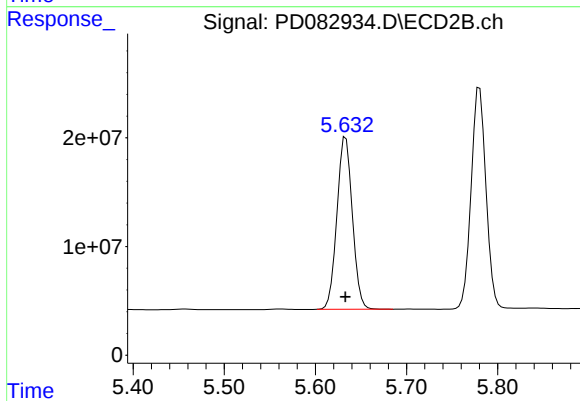
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 275985739
Conc: 54.91 ng/ml



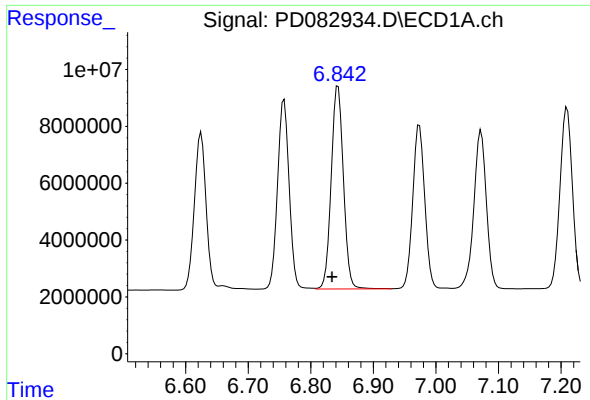
#14 Endrin

R.T.: 6.625 min
Delta R.T.: 0.010 min
Response: 70284234
Conc: 37.35 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 186618140
Conc: 42.68 ng/ml



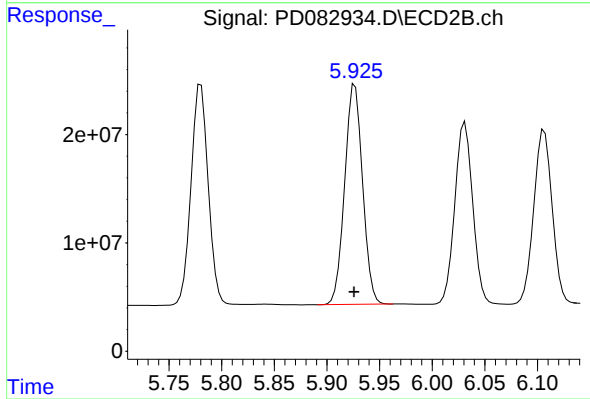
#15 Endosulfan II

R.T.: 6.844 min
Delta R.T.: 0.009 min
Response: 96928677
Conc: 48.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

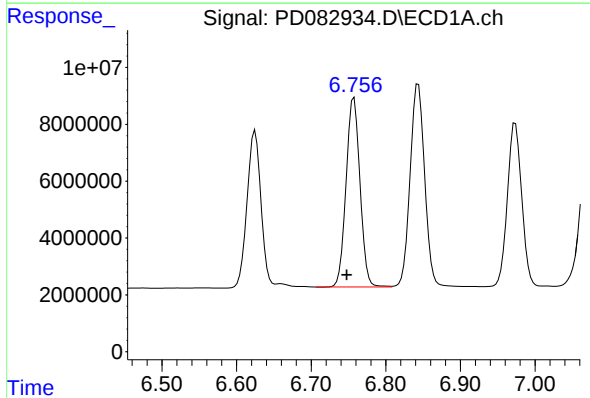
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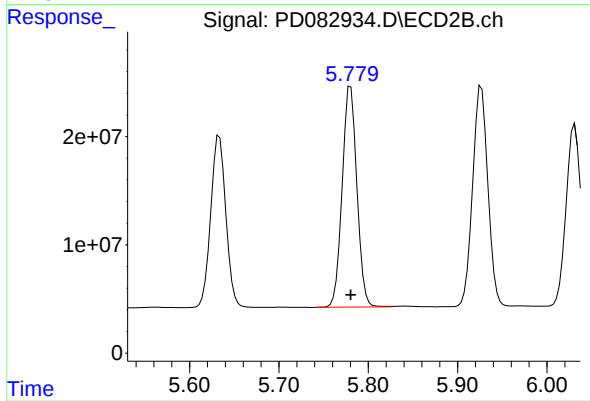
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 241233277
Conc: 57.77 ng/ml



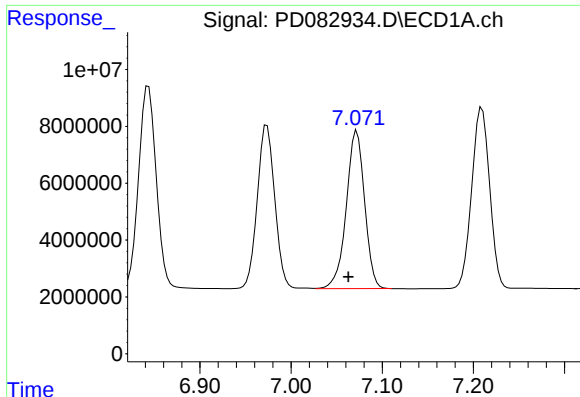
#16 4,4'-DDD

R.T.: 6.757 min
Delta R.T.: 0.010 min
Response: 86162582
Conc: 53.87 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 233022656
Conc: 61.94 ng/ml



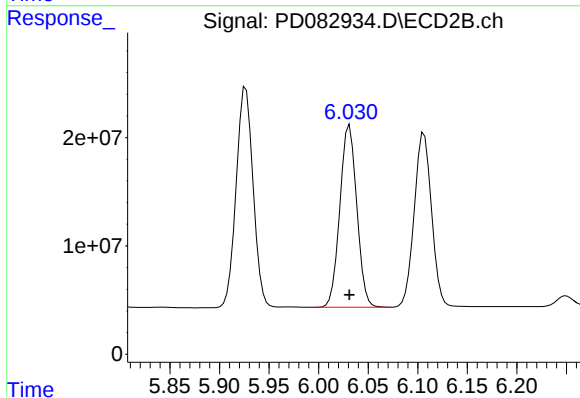
#17 4,4'-DDT

R.T.: 7.072 min
Delta R.T.: 0.009 min
Response: 77539302
Conc: 45.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

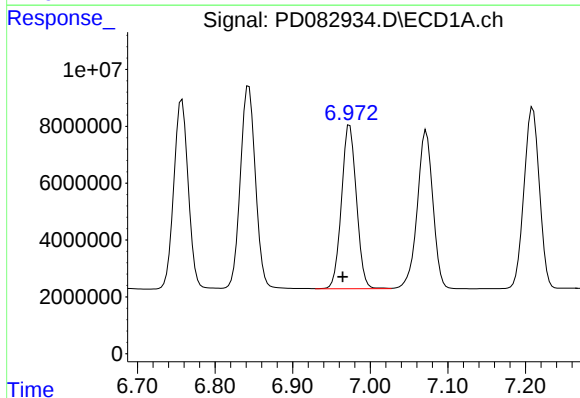
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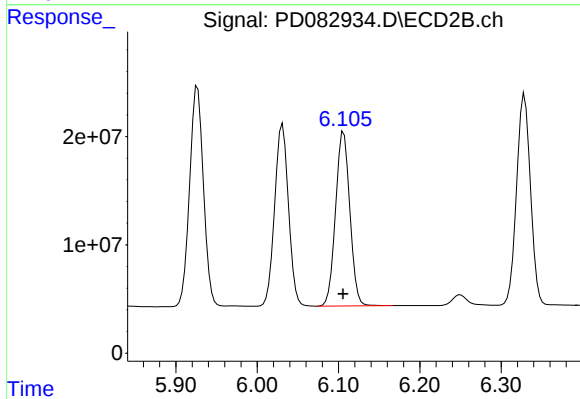
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 199764121
Conc: 52.09 ng/ml



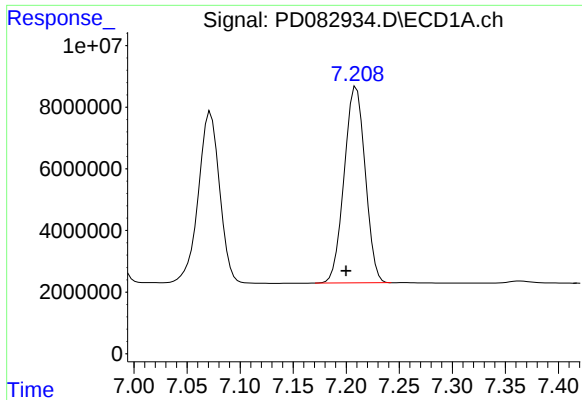
#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: 0.009 min
Response: 77064309
Conc: 55.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 196238290
Conc: 62.86 ng/ml



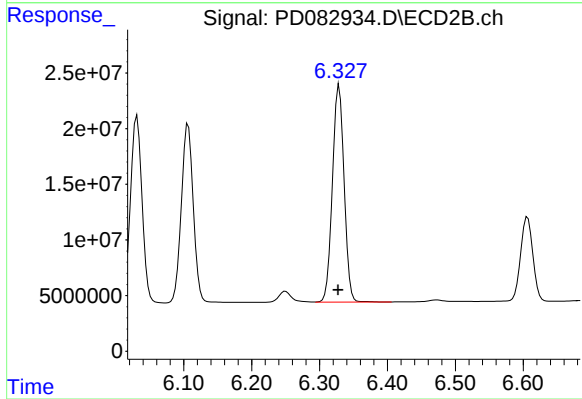
#19 Endosulfan Sulfate

R.T.: 7.208 min
Delta R.T.: 0.008 min
Response: 87506568
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

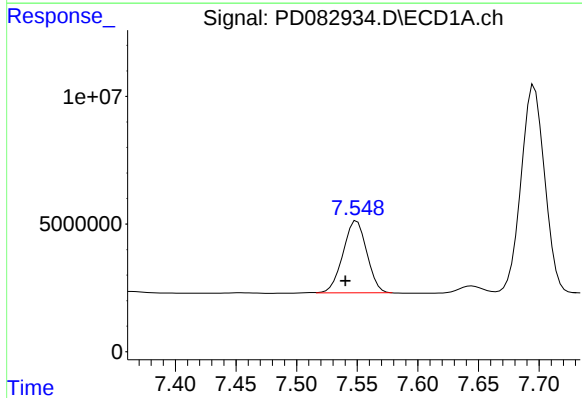
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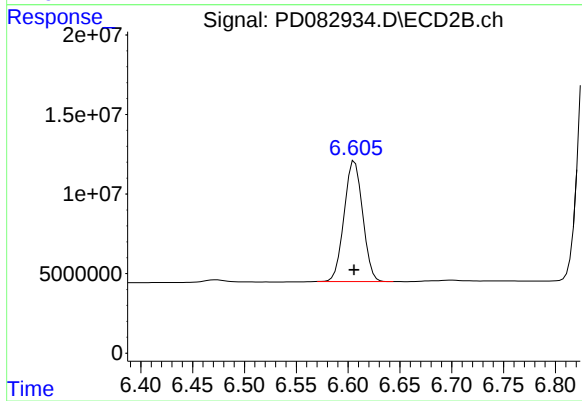
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.002 min
Response: 232821043
Conc: 58.39 ng/ml



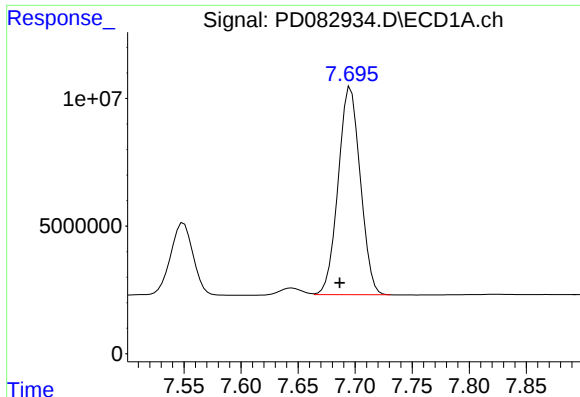
#20 Methoxychlor

R.T.: 7.548 min
Delta R.T.: 0.008 min
Response: 38419739
Conc: 41.91 ng/ml m



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 94281336
Conc: 46.40 ng/ml



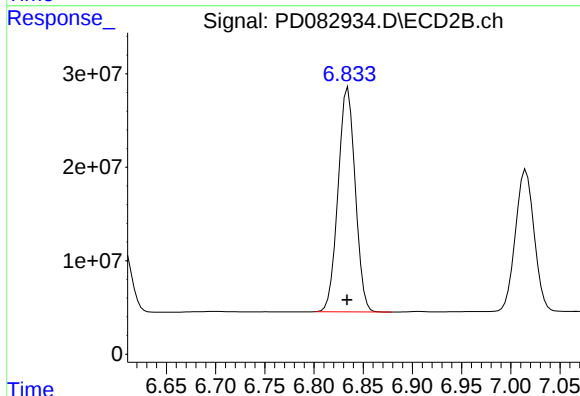
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: 0.010 min
Response: 109676425
Conc: 57.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160997BS

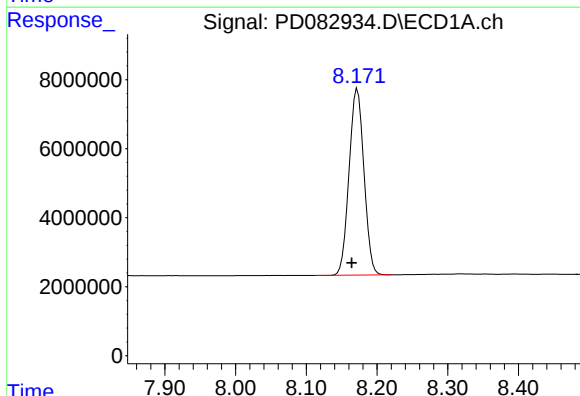
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/22/2024
Supervised By :Ankita Jodhani 05/22/2024



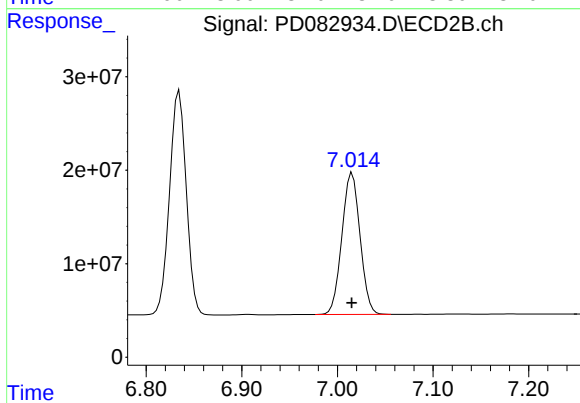
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 291002101
Conc: 64.01 ng/ml



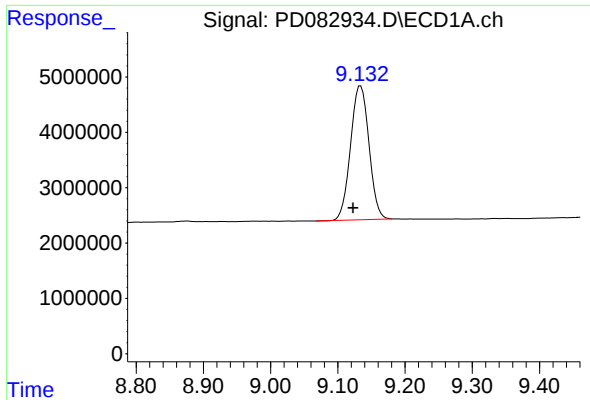
#22 Mirex

R.T.: 8.172 min
Delta R.T.: 0.008 min
Response: 78988347
Conc: 51.53 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 200429923
Conc: 56.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.134 min
Delta R.T.: 0.011 min
Response: 46065695
Conc: 23.07 ng/ml

Instrument :

ECD_D

ClientSampleId :

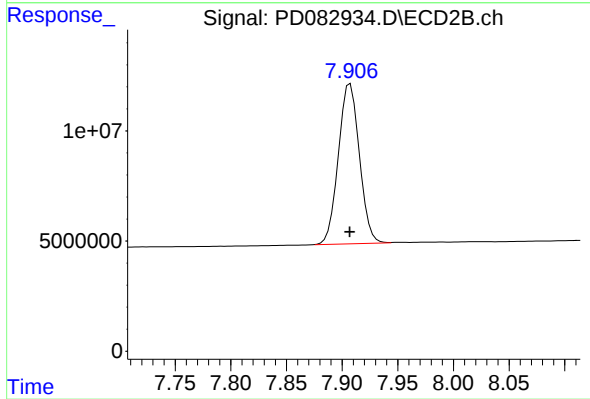
PB160997BS

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 95532868
Conc: 24.72 ng/ml