

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
 Data File : PD073869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2023 22:26
 Operator : AR\AJ
 Sample : 01445-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 JPP-26-020323MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/08/2023
 Supervised By :Ankita Jodhani 02/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 03:48:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.554	2.776	37317233	18941599	15.965	14.879
28) SA Decachlor...	9.084f	7.929	88420892	24856718	31.377	21.364 #
Target Compounds						
2) A alpha-BHC	4.010	3.279	167.9E6	70524606	42.273	41.391
3) MA gamma-BHC...	4.342	3.611	161.6E6	94988647	44.004m	63.150 #
4) MA Heptachlor	4.935	3.952	165.8E6	63840629	44.652m	47.675
5) MB Aldrin	5.280	4.233	151.9E6	64257892	42.141	39.782
6) B beta-BHC	4.536	3.905	46263264	25987231	29.822m	39.213 #
7) B delta-BHC	4.787	4.136	140.6E6	65774939	41.778	43.031
8) B Heptachlo...	5.706	4.736	128.2E6	57813831	40.176	42.966
9) A Endosulfan I	6.093	5.108	125.3E6	33140546	40.817	24.648 #
10) B gamma-Chl...	5.962	4.987	151.3E6	57107979	45.968	38.587
11) B alpha-Chl...	6.042	5.051	155.3E6	57591960	47.072	38.720
12) B 4,4'-DDE	6.214	5.242	99302327	57910239	32.878	43.400 #
13) MA Dieldrin	6.370	5.372	132.6E6	65068784	41.588	49.640m
14) MA Endrin	6.599	5.647	122.3E6	51816758	45.110m	46.597
15) B Endosulfa...	6.816	5.941	176.7E6	49760248	66.708	42.726 #
16) A 4,4'-DDD	6.731	5.794	122.7E6	36672011	49.768	35.591m#
17) MA 4,4'-DDT	7.047	6.047	113.8E6	38665197	40.870m	37.537
18) B Endrin al...	6.947	6.120	90420745	34969102	41.682	39.648
19) B Endosulfa...	7.182	6.343	125.0E6	46858993	46.700	41.628
20) A Methoxychlor	7.520	6.624	42348073	22543393	27.337m	43.071m#
21) B Endrin ke...	7.668	6.848	78907049	45563350	26.094m	35.561m#
22) Mirex	8.145	7.036	67968029	34143126	29.579	32.510

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

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Data File : PD073869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2023 22:26
Operator : AR\AJ
Sample : 01445-03MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

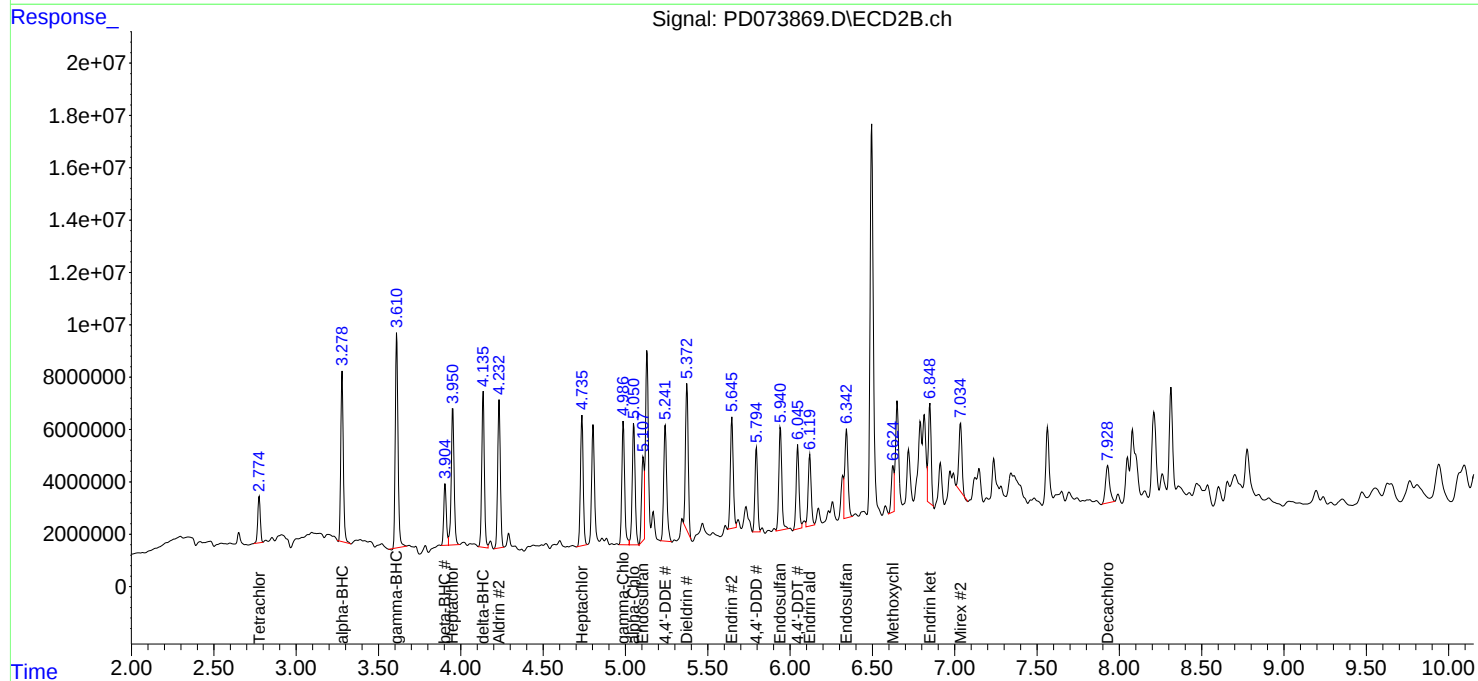
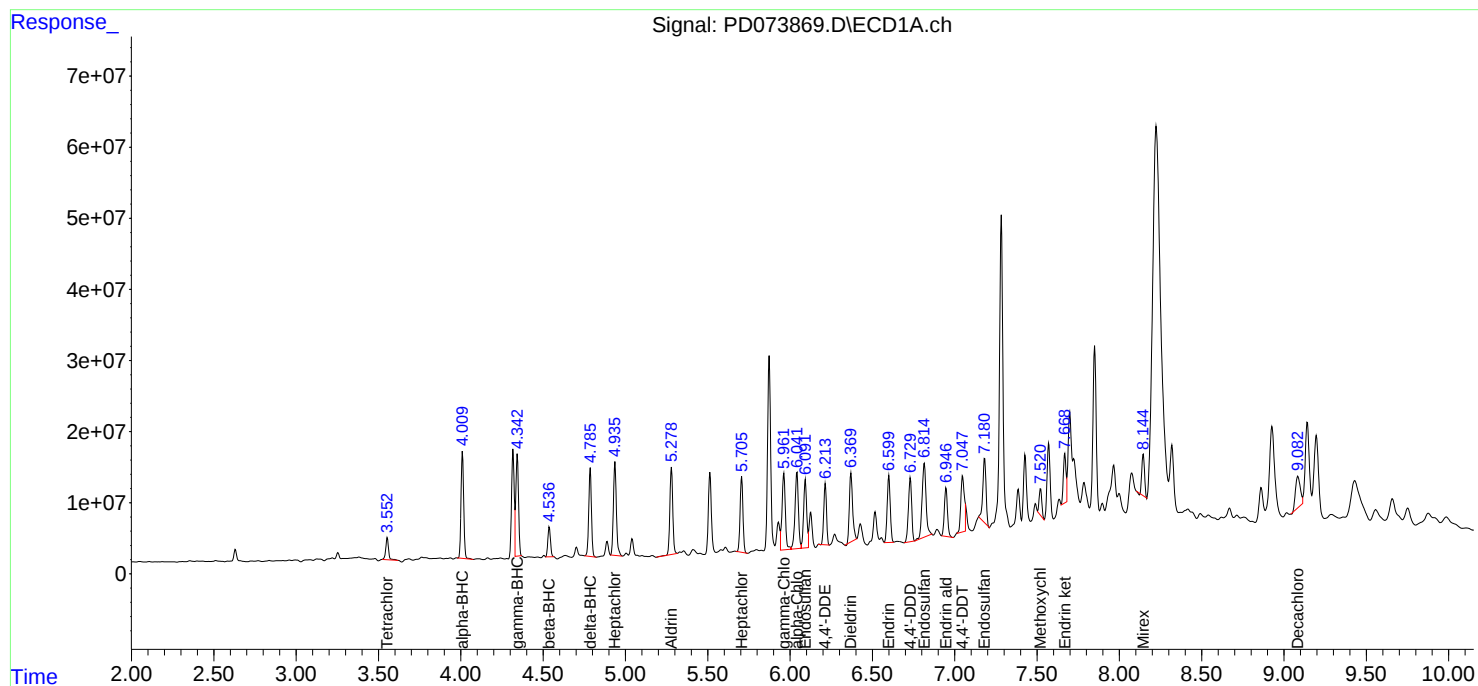
Instrument :
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JPP-26-020323MS

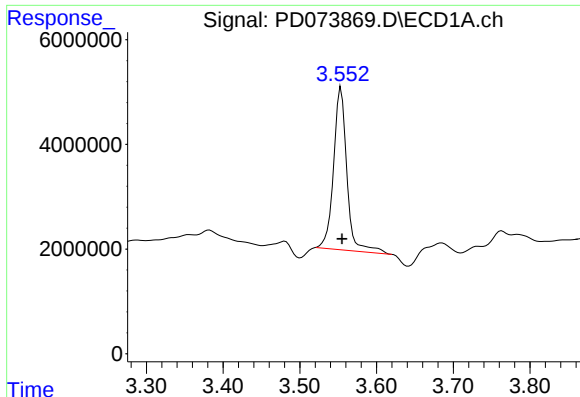
Manual Integrations
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Supervised By :Ankita Jodhani 02/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 03:48:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
Quant Title : GC Extractables
QLast Update : Thu Jan 19 02:45:26 2023
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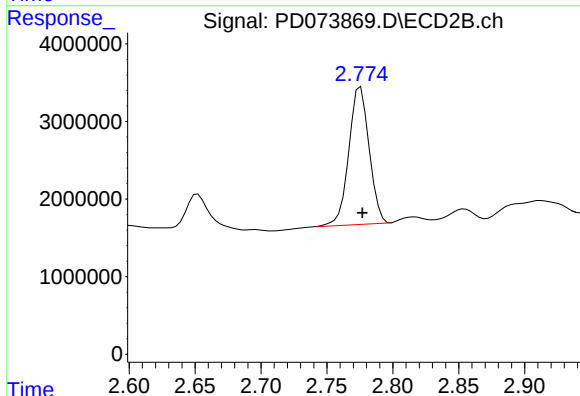
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 37317233
Conc: 15.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

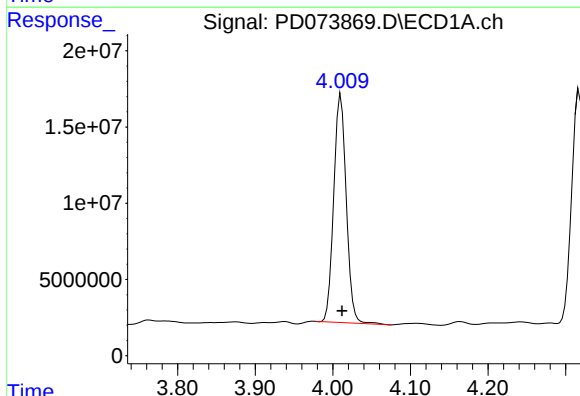
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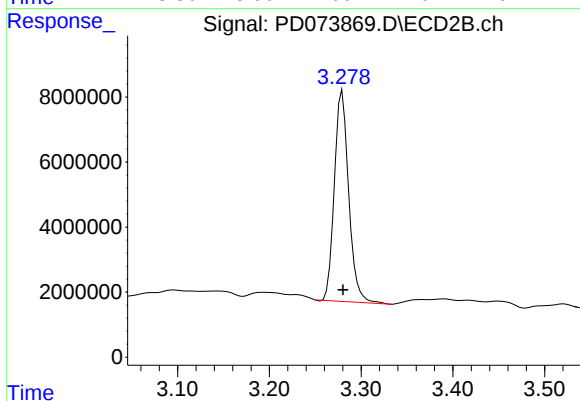
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 18941599
Conc: 14.88 ng/ml



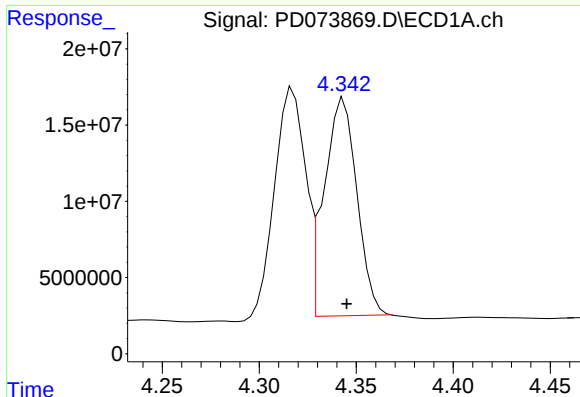
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: -0.001 min
Response: 167899381
Conc: 42.27 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 70524606
Conc: 41.39 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: -0.003 min
Response: 161564523
Conc: 44.00 ng/ml

Instrument :

ECD_D

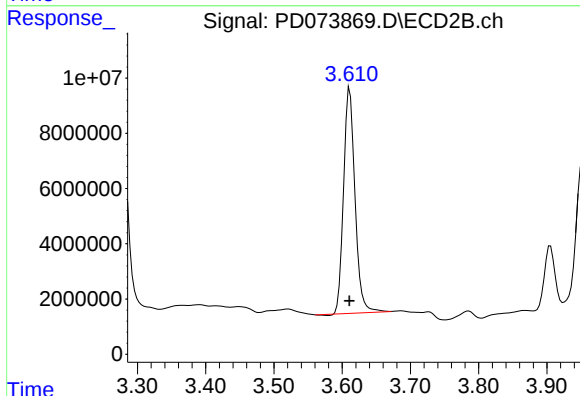
ClientSampleId :

JPP-26-020323MS

Manual Integrations

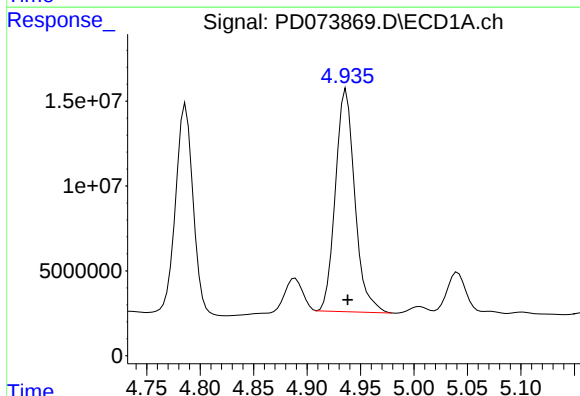
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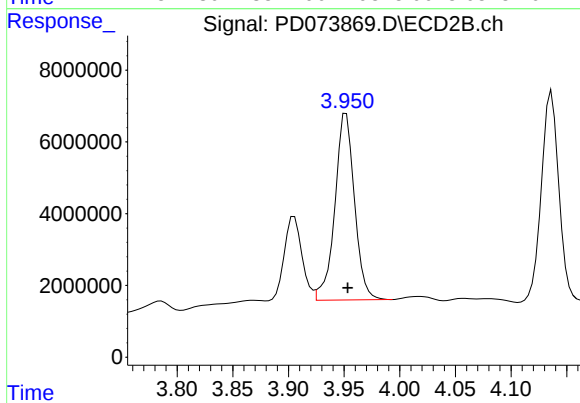
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 94988647
Conc: 63.15 ng/ml



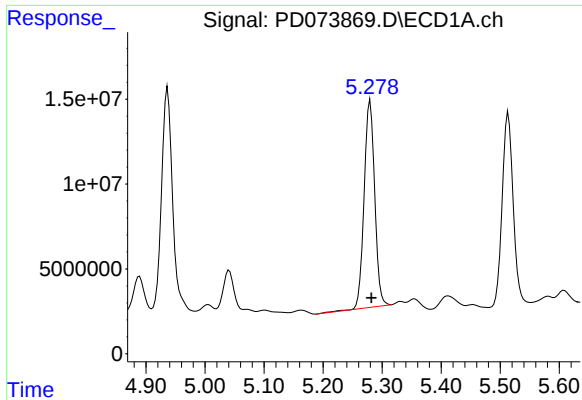
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: -0.003 min
Response: 165807894
Conc: 44.65 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 63840629
Conc: 47.67 ng/ml



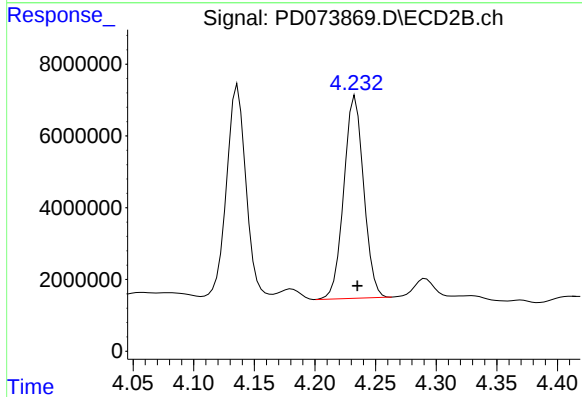
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 151908798
Conc: 42.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

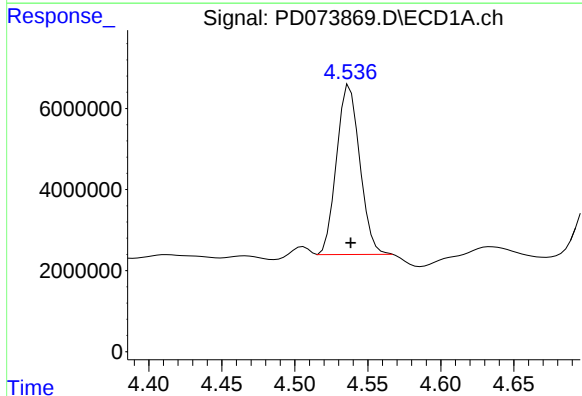
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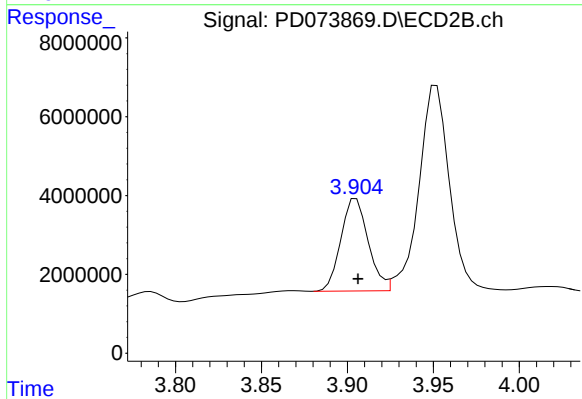
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 64257892
Conc: 39.78 ng/ml



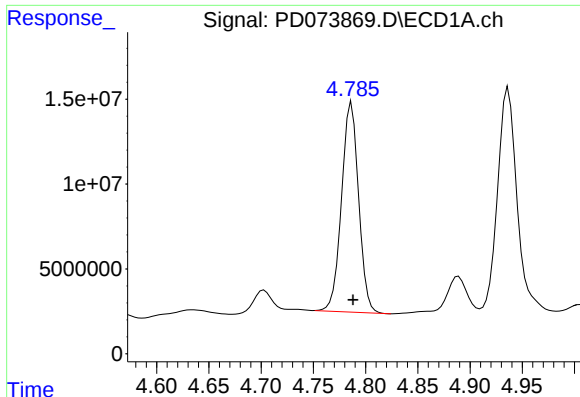
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 46263264
Conc: 29.82 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.001 min
Response: 25987231
Conc: 39.21 ng/ml



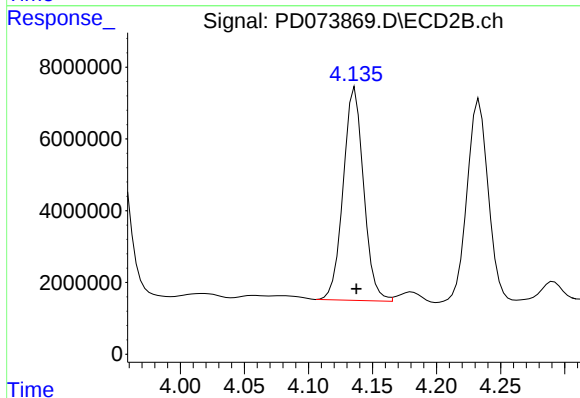
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 140585375
Conc: 41.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

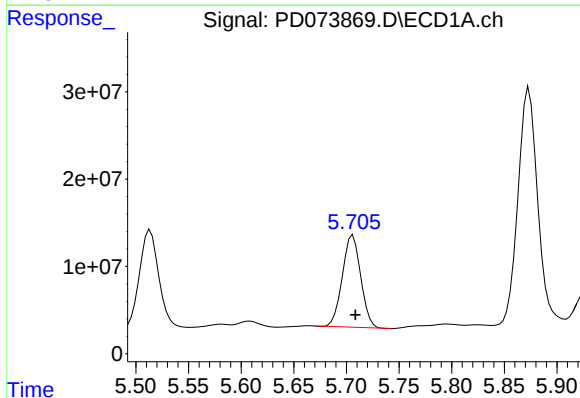
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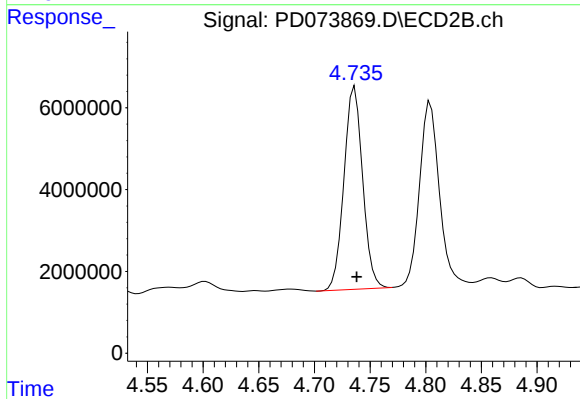
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.001 min
Response: 65774939
Conc: 43.03 ng/ml



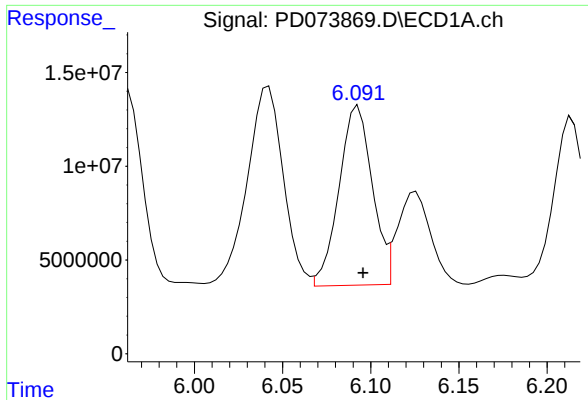
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 128215271
Conc: 40.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 57813831
Conc: 42.97 ng/ml



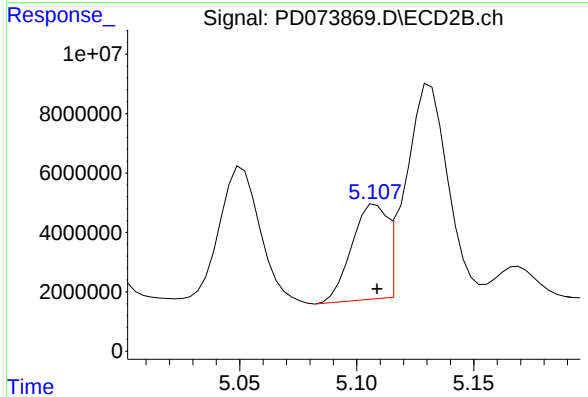
#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 125333794
Conc: 40.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

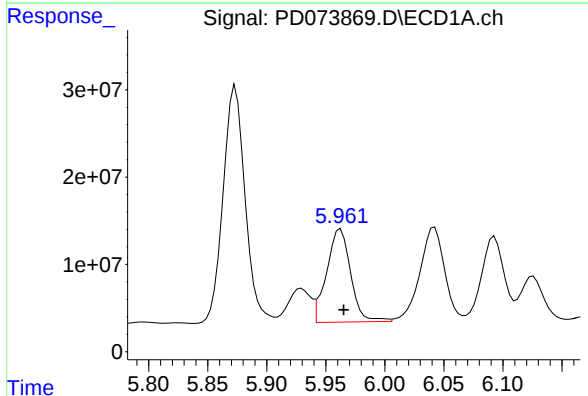
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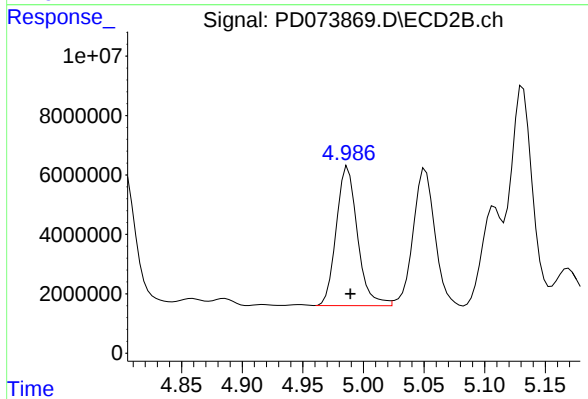
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 33140546
Conc: 24.65 ng/ml



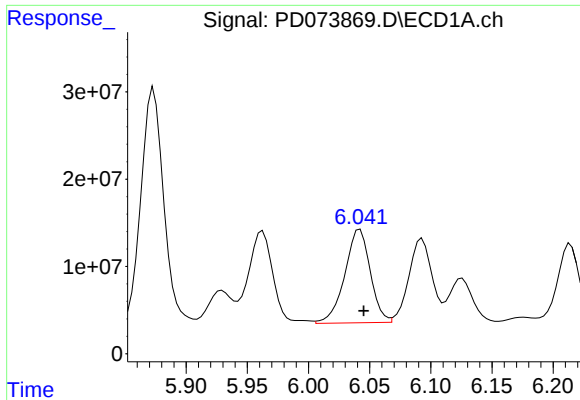
#10 gamma-Chlordane

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 151344486
Conc: 45.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 57107979
Conc: 38.59 ng/ml



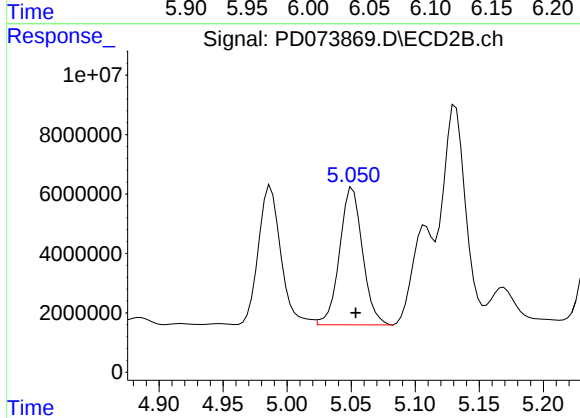
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 155284456
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
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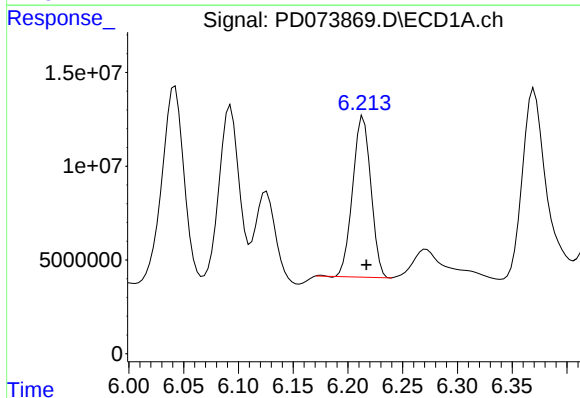
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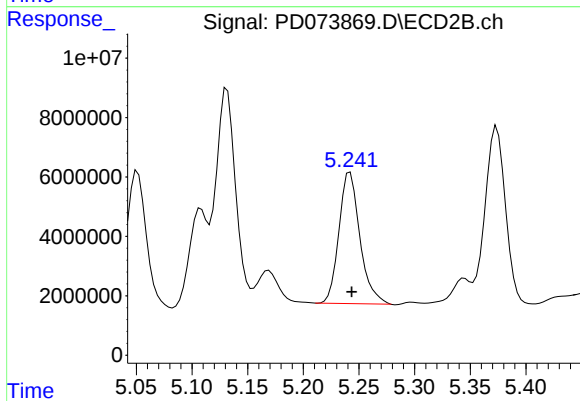
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 57591960
Conc: 38.72 ng/ml



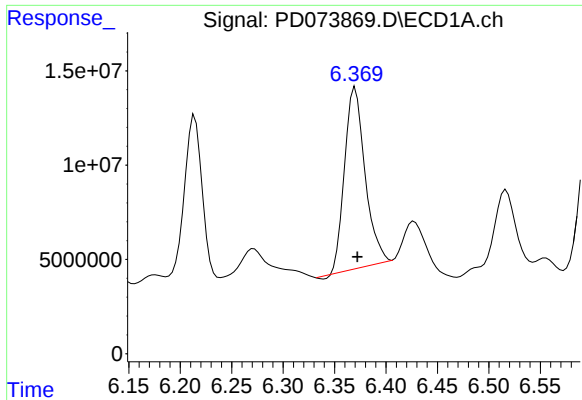
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 99302327
Conc: 32.88 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 57910239
Conc: 43.40 ng/ml



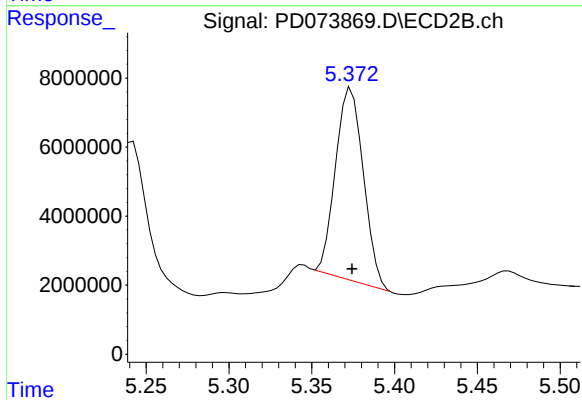
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 132603830
Conc: 41.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
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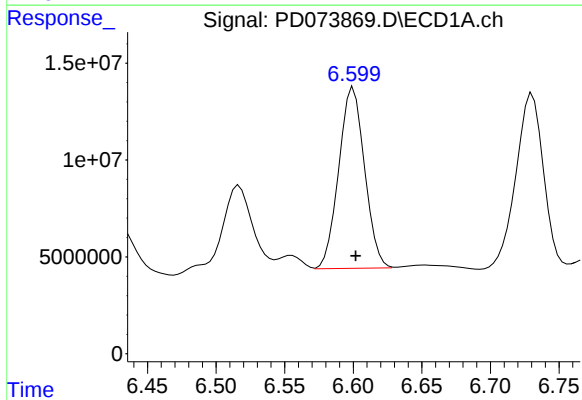
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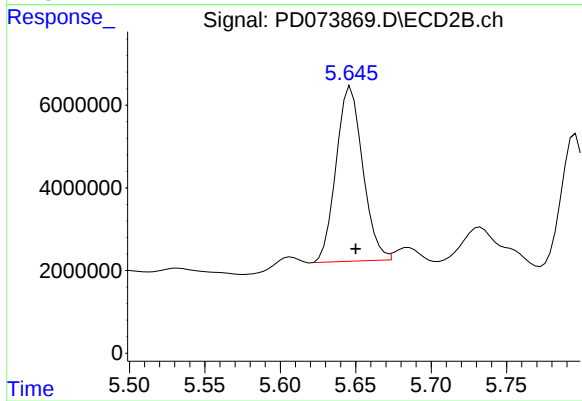
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 65068784
Conc: 49.64 ng/ml m



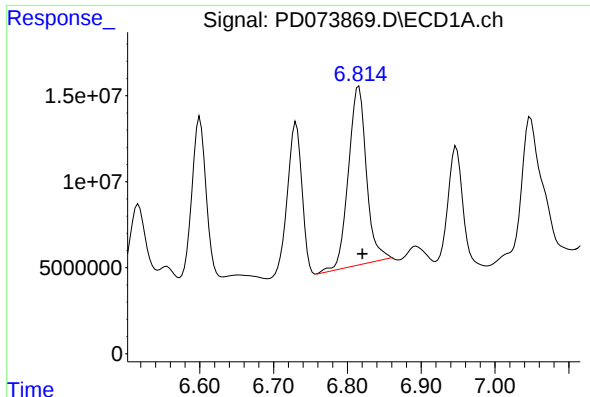
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.003 min
Response: 122294317
Conc: 45.11 ng/ml m



#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 51816758
Conc: 46.60 ng/ml



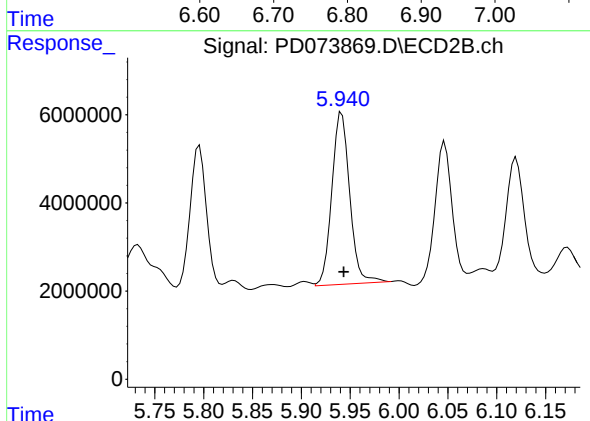
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: -0.005 min
Response: 176651517
Conc: 66.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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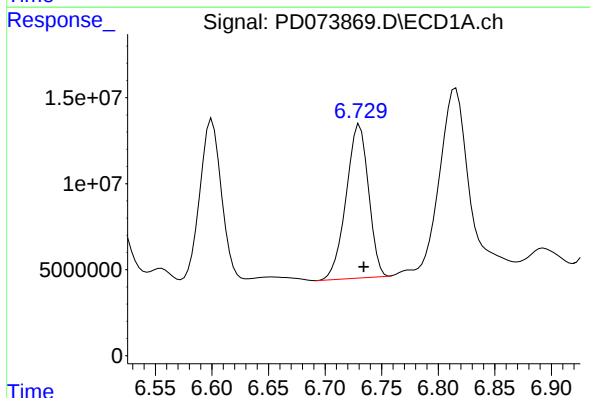
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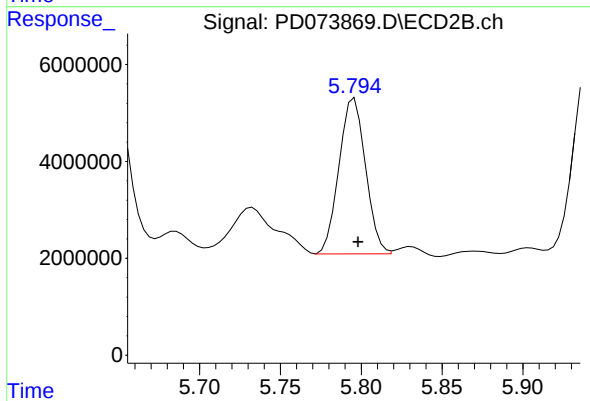
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 49760248
Conc: 42.73 ng/ml



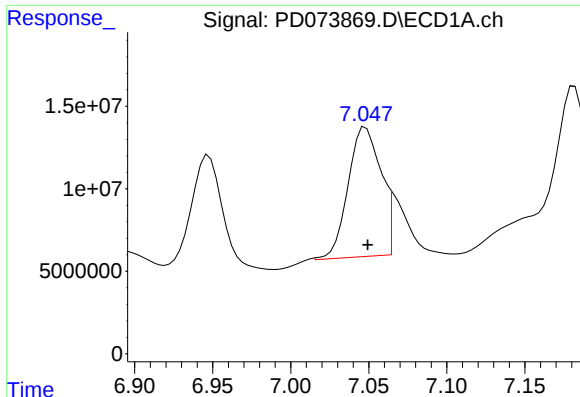
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.004 min
Response: 122742698
Conc: 49.77 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.004 min
Response: 36672011
Conc: 35.59 ng/ml m



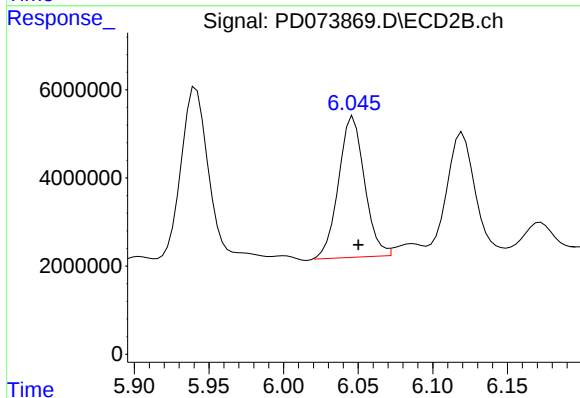
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 113787512
Conc: 40.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

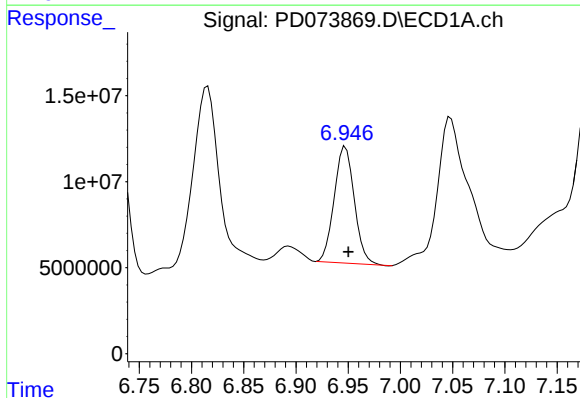
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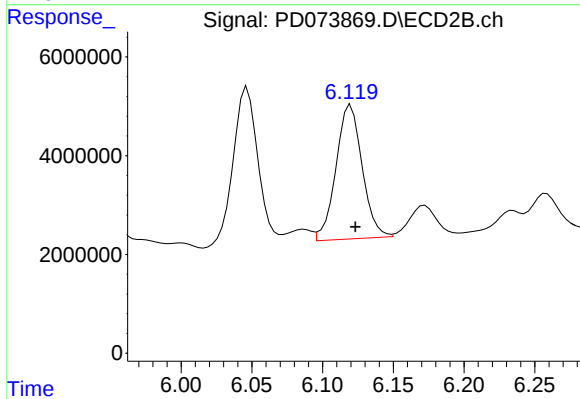
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.004 min
Response: 38665197
Conc: 37.54 ng/ml



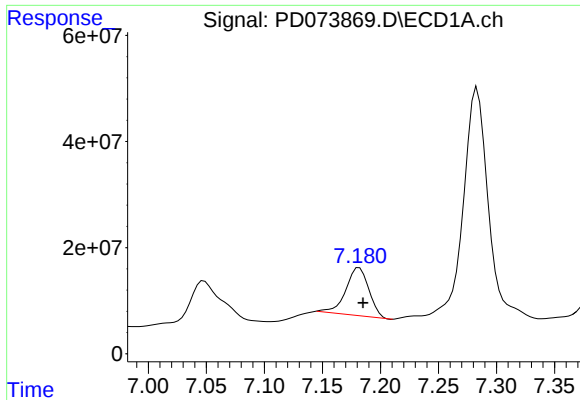
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 90420745
Conc: 41.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 34969102
Conc: 39.65 ng/ml



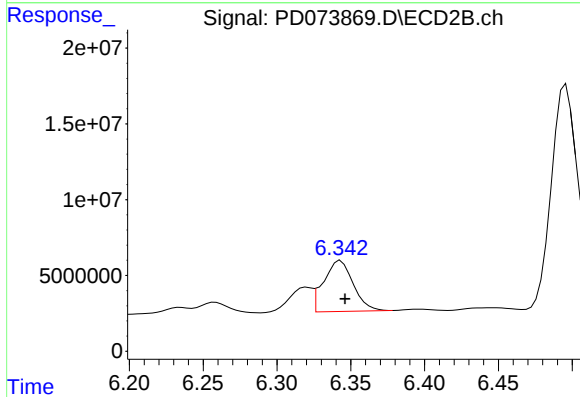
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 125041715
Conc: 46.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

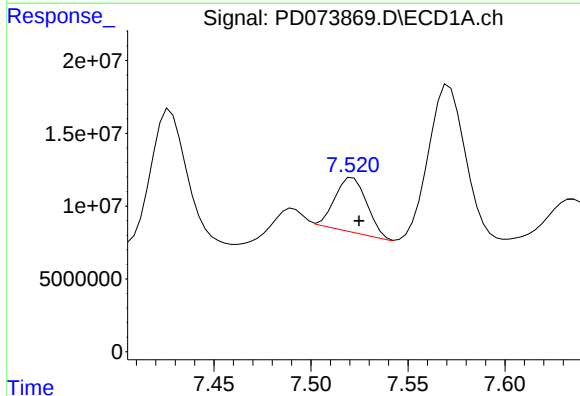
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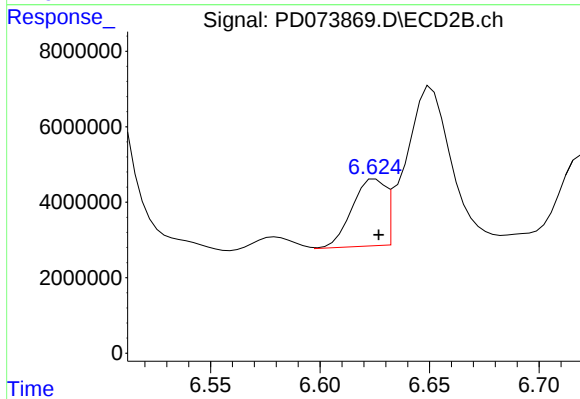
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 46858993
Conc: 41.63 ng/ml



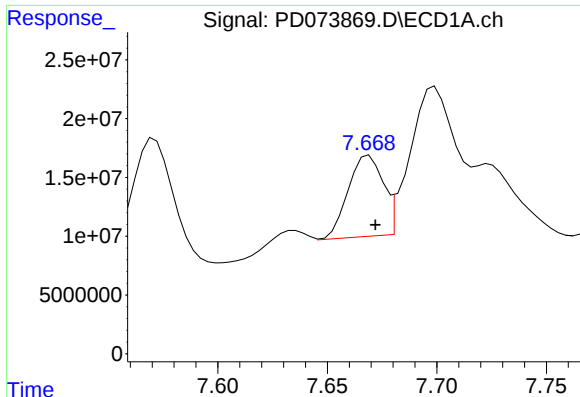
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.005 min
Response: 42348073
Conc: 27.34 ng/ml m



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 22543393
Conc: 43.07 ng/ml m



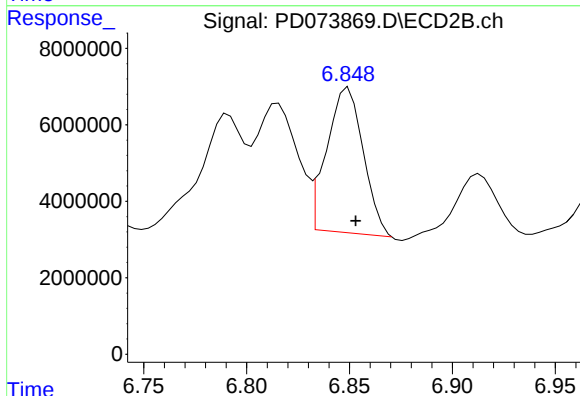
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: -0.004 min
Response: 78907049
Conc: 26.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

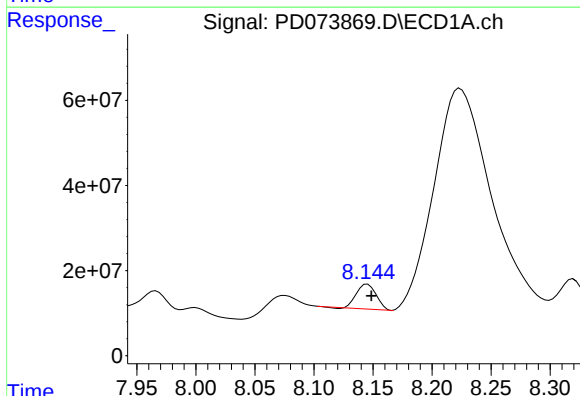
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/08/2023
Supervised By :Ankita Jodhani 02/08/2023



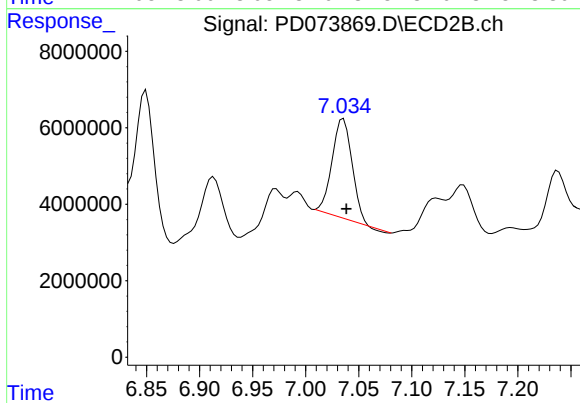
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.005 min
Response: 45563350
Conc: 35.56 ng/ml m



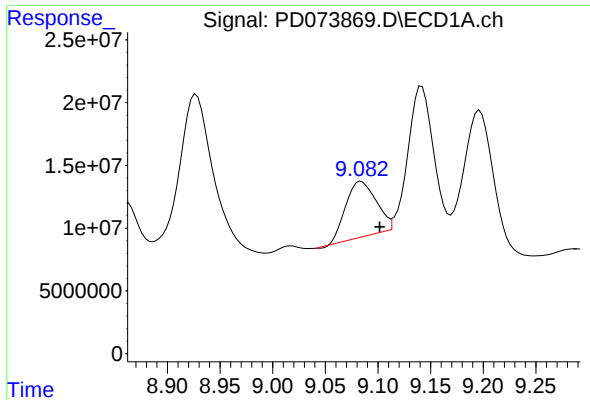
#22 Mirex

R.T.: 8.145 min
Delta R.T.: -0.003 min
Response: 67968029
Conc: 29.58 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 34143126
Conc: 32.51 ng/ml



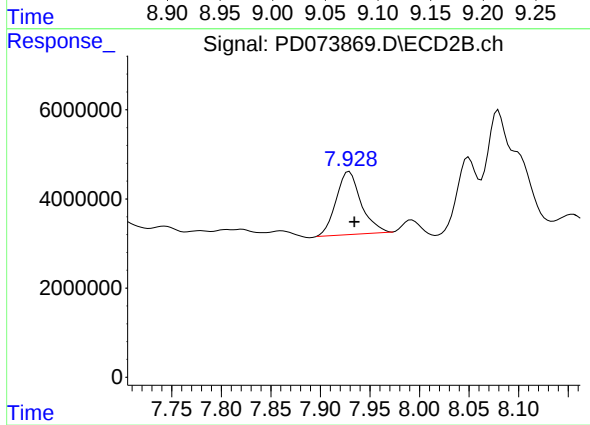
#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.018 min
Response: 88420892
Conc: 31.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
JPP-26-020323MS

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#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 24856718
Conc: 21.36 ng/ml