

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2022 02:35
 Operator : AR\AJ
 Sample : N2953-06MS 10X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P044-SS001-0612-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:12:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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 x0.2 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...	3.442	4.169	2556962	26791272	2.403	3.040 #
28) SA Decachlor...	8.193	9.364	2355030	14778948	2.159	2.733 #
Target Compounds						
2) A alpha-BHC	3.880	4.565	7430990	77443052	4.535	5.914 #
3) MA gamma-BHC...	4.163	4.856	8753247	73584464	5.072	5.965
4) MA Heptachlor	4.460	5.383	7255457	69616091	4.860	5.980
5) MB Aldrin	4.707	5.695	7041893	70831207	4.859	6.140 #
6) B beta-BHC	4.414	5.020	3701966	34315082	5.319	6.533
7) B delta-BHC	4.617	5.245	6741325	23608920	4.425	2.482m#
8) B Heptachlo...	5.151	6.084	6778390	30390618	5.076	3.862m
9) A Endosulfan I	5.489	6.446	6275677	57659343	5.009	6.322 #
10) B gamma-Chl...	5.376	6.321	6943916	62558277	5.132	6.313
11) B alpha-Chl...	5.435	6.395	6814283	63101352	5.118	6.493 #
12) B 4,4'-DDE	5.600	6.545	6370479	57795232	5.028	6.388 #
13) MA Dieldrin	5.732	6.704	6776215	61755146	5.148	6.546 #
14) MA Endrin	5.990	6.924	6306584	43802502	5.462	6.490
15) B Endosulfa...	6.266	7.131	10743598	75215815	9.659	10.126m
16) A 4,4'-DDD	6.118	7.037	5439135	54635091	5.027	7.378 #
17) MA 4,4'-DDT	6.357	7.338	5092790	40515068	5.139	5.536m
18) B Endrin al...	6.435	7.255	5384249	37713711	6.267	6.568
19) B Endosulfa...	6.646	7.480	6925541	44127182	6.008	5.985
20) A Methoxychlor	6.906	7.792	2905923	20691417	5.122m	5.803m
21) B Endrin ke...	7.140	7.955	6782711	47774727	5.090	6.001
22) Mirex	7.322	8.419	5571735	32232242	5.541	6.034m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
Data File : PD070106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2022 02:35
Operator : AR\AJ
Sample : N2953-06MS 10X
Misc :
ALS Vial : 54 Sample Multiplier: 1

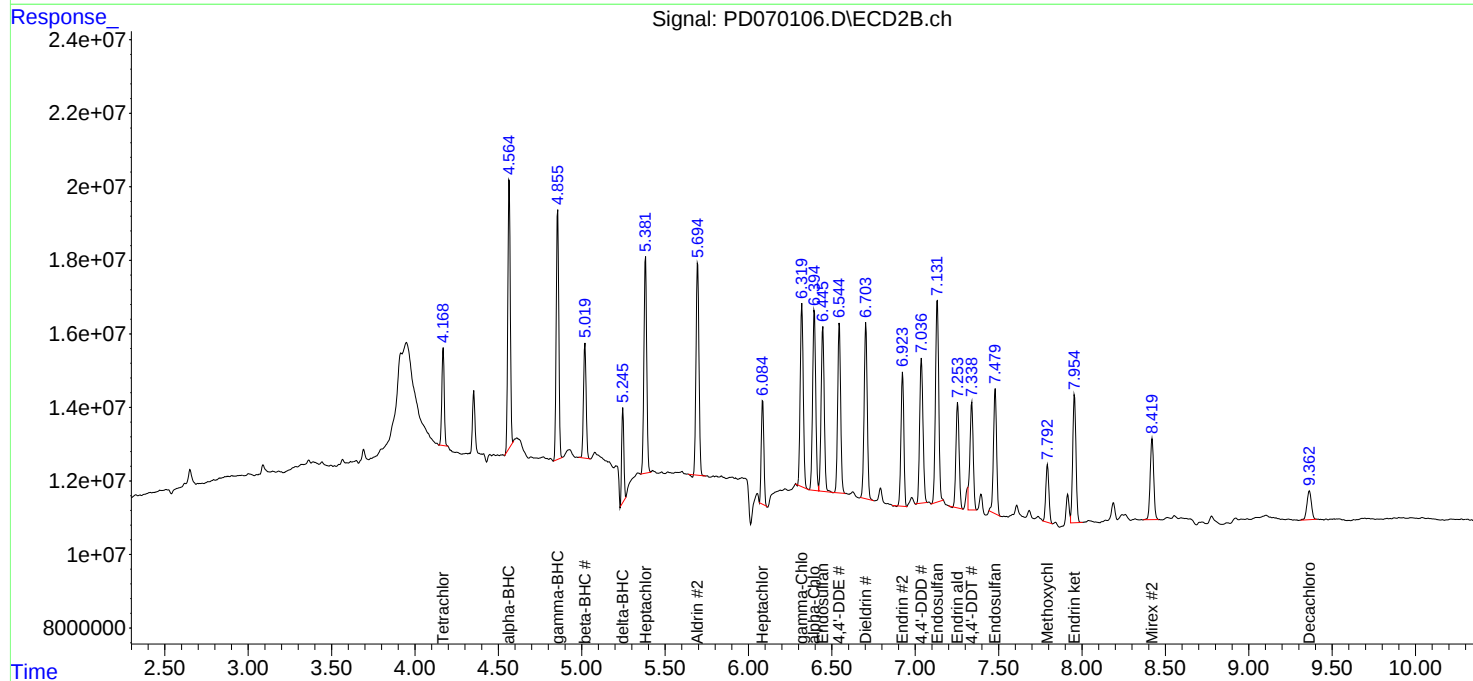
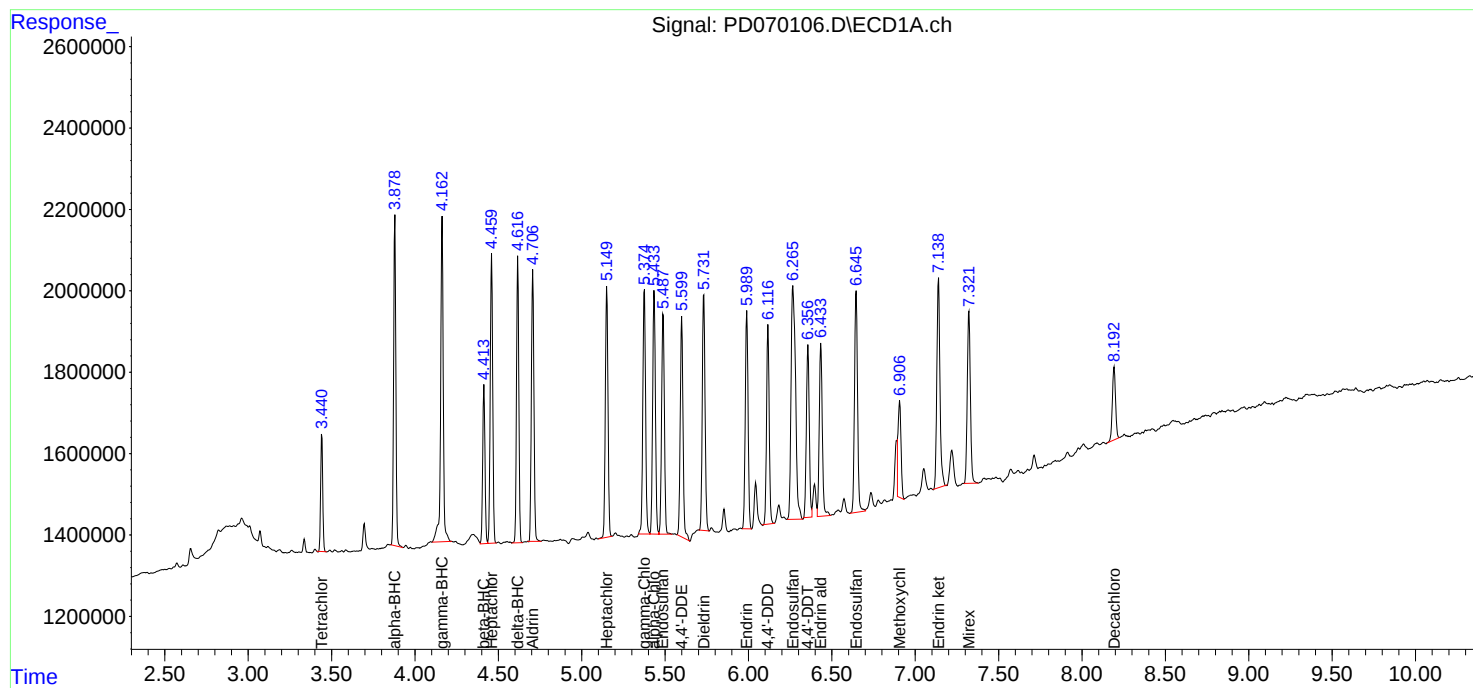
Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

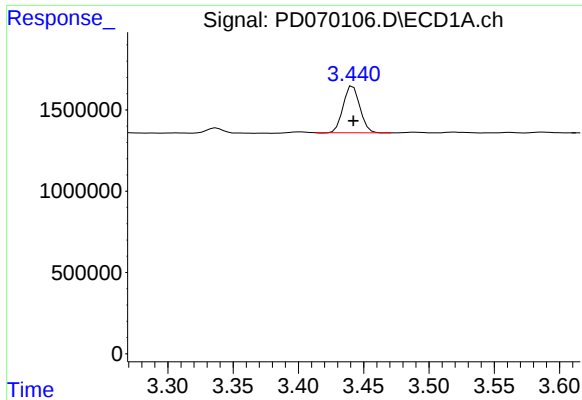
Manual Integrations
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Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 21:12:11 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
Quant Title : GC Extractables
QLast Update : Thu May 26 05:06:06 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





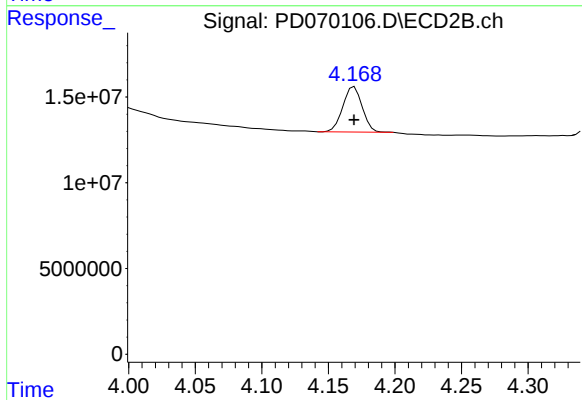
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 2556962
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

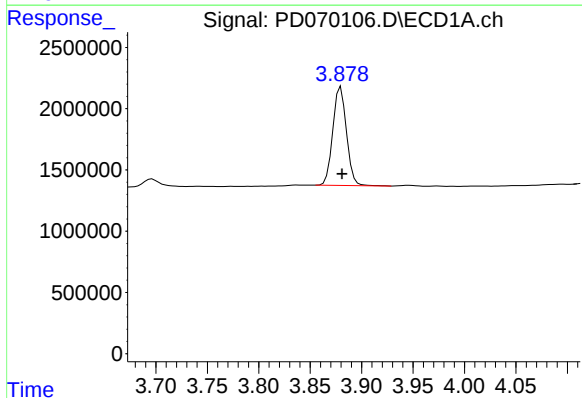
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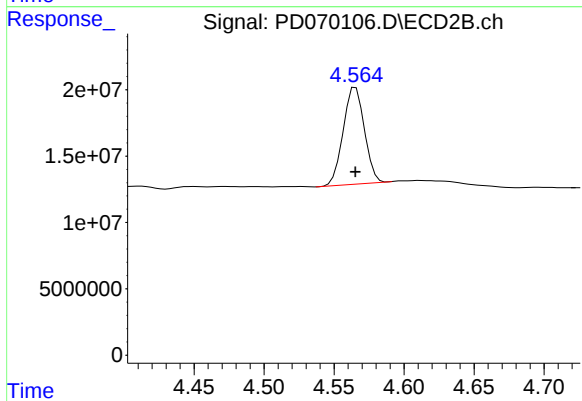
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 26791272
Conc: 3.04 ng/ml



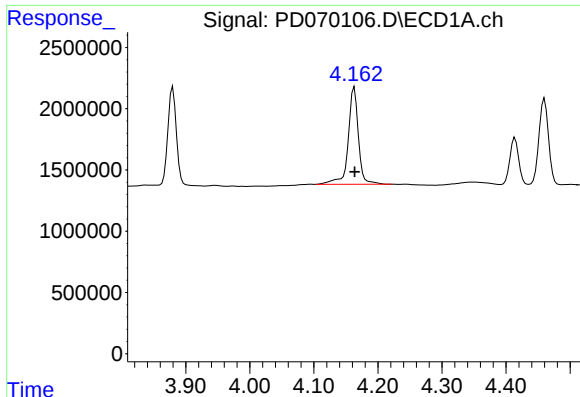
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.001 min
Response: 7430990
Conc: 4.53 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 77443052
Conc: 5.91 ng/ml



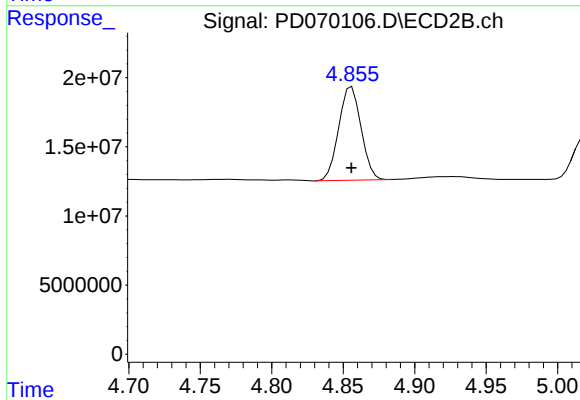
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 8753247
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

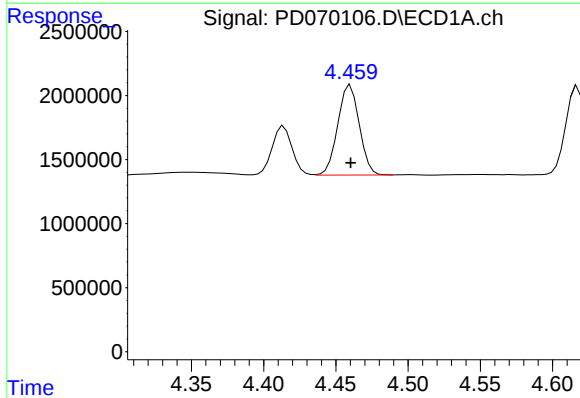
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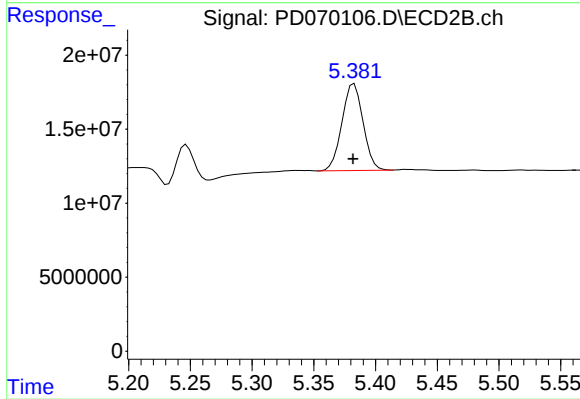
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 73584464
Conc: 5.97 ng/ml



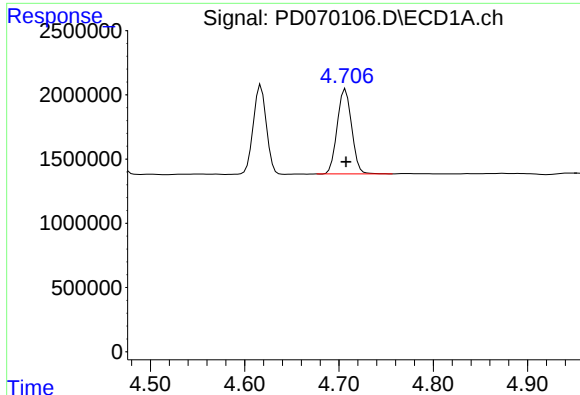
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 7255457
Conc: 4.86 ng/ml



#4 Heptachlor

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 69616091
Conc: 5.98 ng/ml



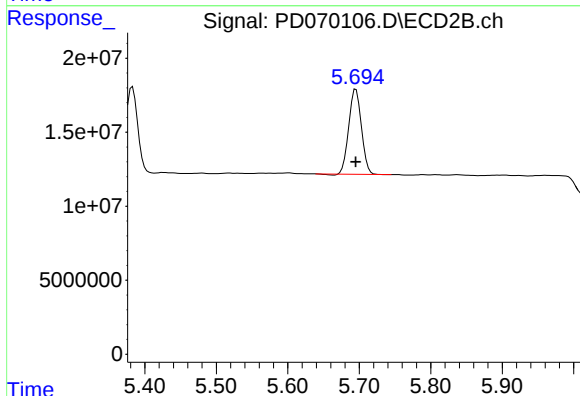
#5 Aldrin

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 7041893
Conc: 4.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

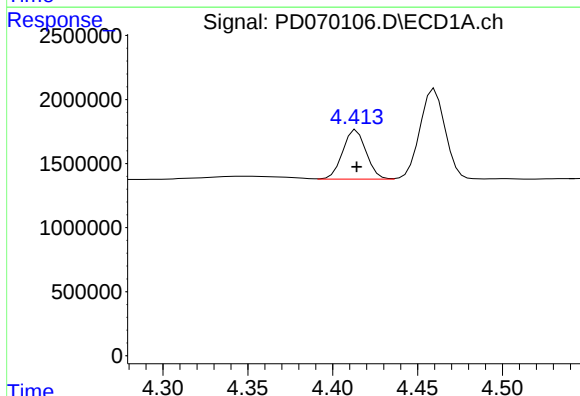
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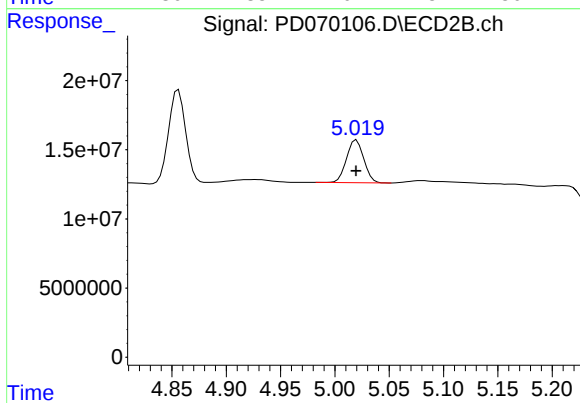
#5 Aldrin

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 70831207
Conc: 6.14 ng/ml



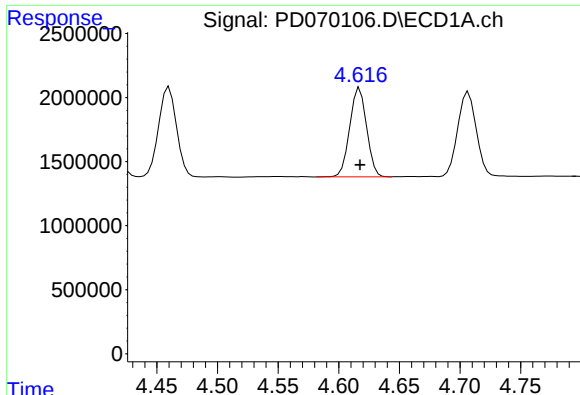
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 3701966
Conc: 5.32 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 34315082
Conc: 6.53 ng/ml



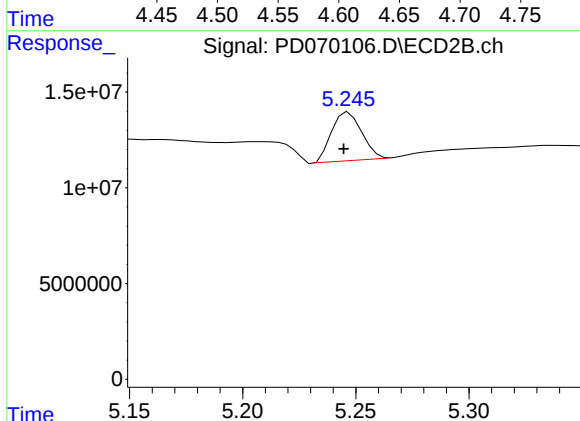
#7 delta-BHC

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 6741325
Conc: 4.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
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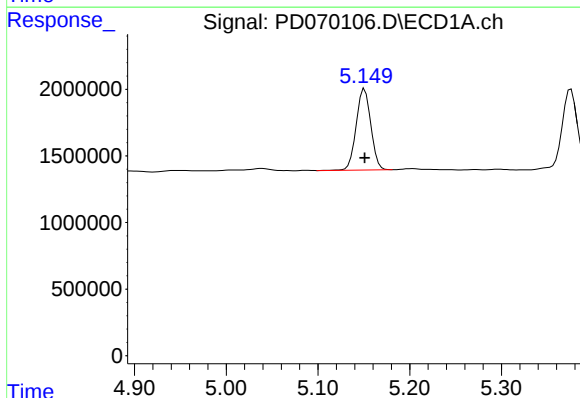
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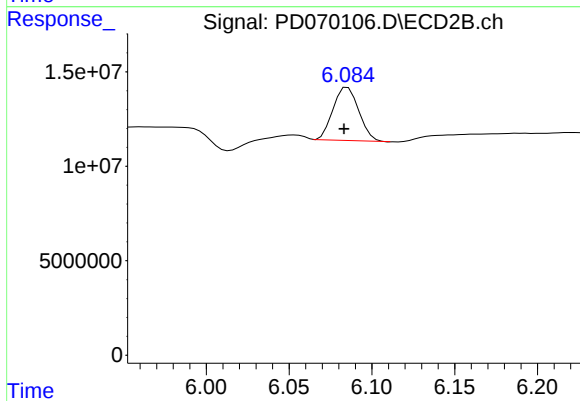
#7 delta-BHC

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 23608920
Conc: 2.48 ng/ml m



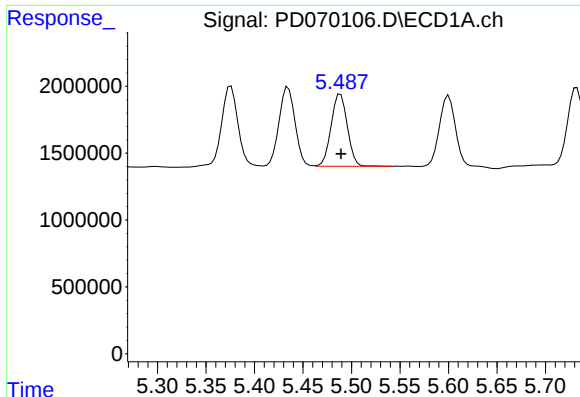
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 6778390
Conc: 5.08 ng/ml



#8 Heptachlor epoxide

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 30390618
Conc: 3.86 ng/ml m



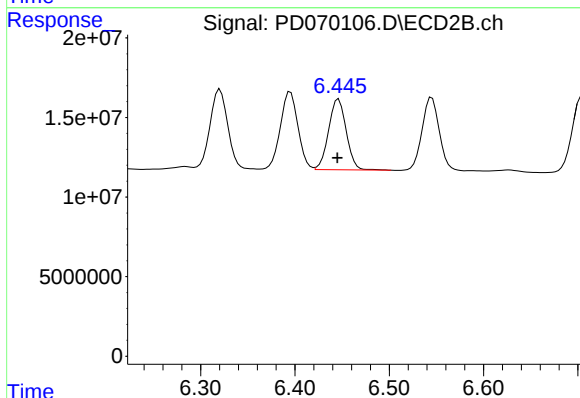
#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 6275677
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

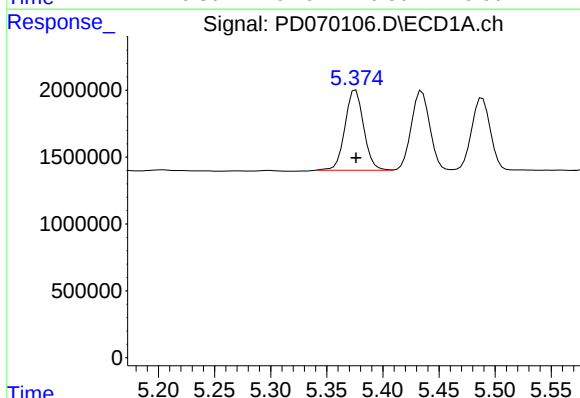
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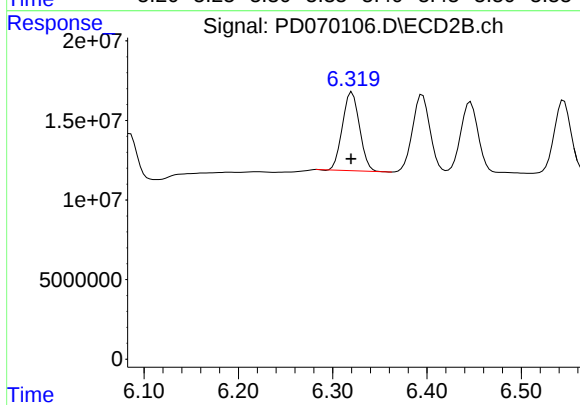
#9 Endosulfan I

R.T.: 6.446 min
Delta R.T.: 0.001 min
Response: 57659343
Conc: 6.32 ng/ml



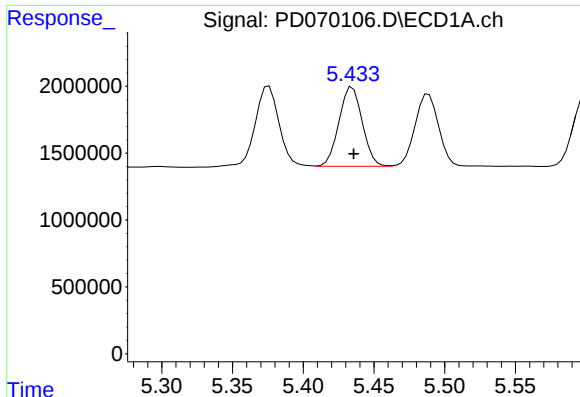
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 6943916
Conc: 5.13 ng/ml



#10 gamma-Chlordane

R.T.: 6.321 min
Delta R.T.: 0.001 min
Response: 62558277
Conc: 6.31 ng/ml



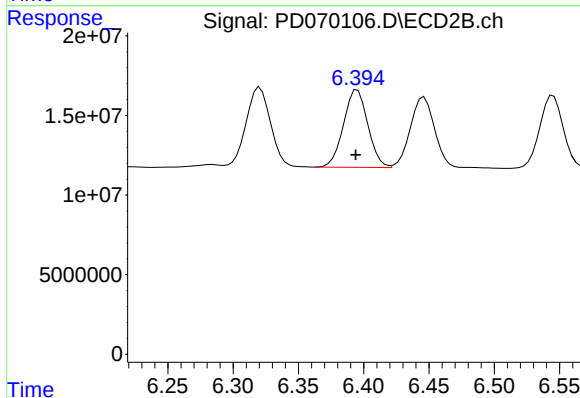
#11 alpha-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 6814283
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
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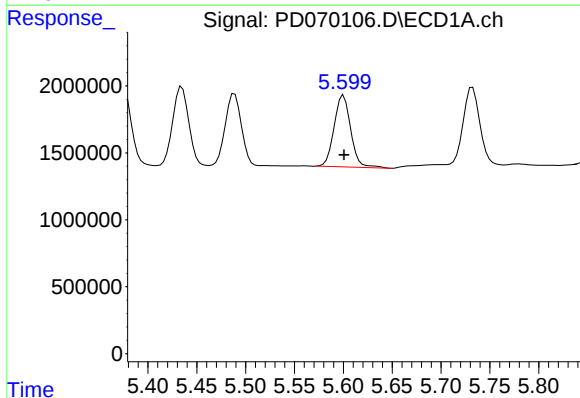
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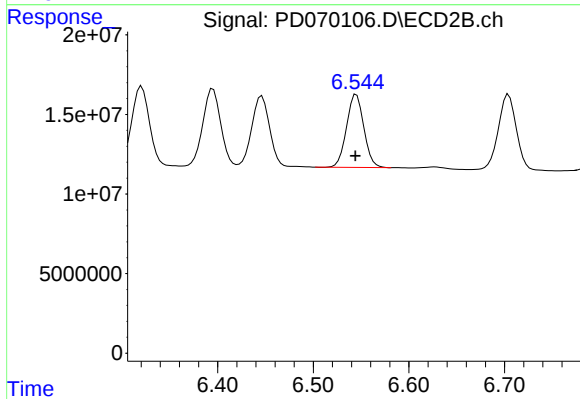
#11 alpha-Chlordane

R.T.: 6.395 min
Delta R.T.: 0.001 min
Response: 63101352
Conc: 6.49 ng/ml



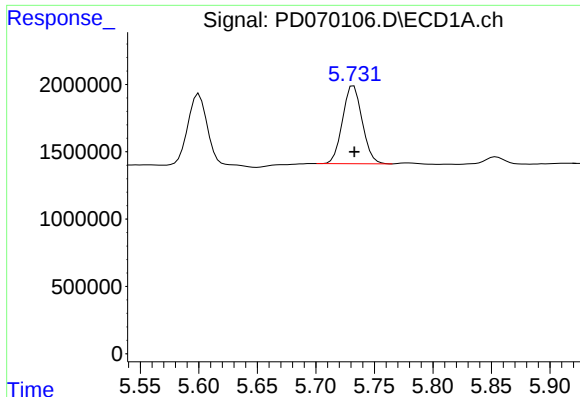
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 6370479
Conc: 5.03 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: 0.001 min
Response: 57795232
Conc: 6.39 ng/ml



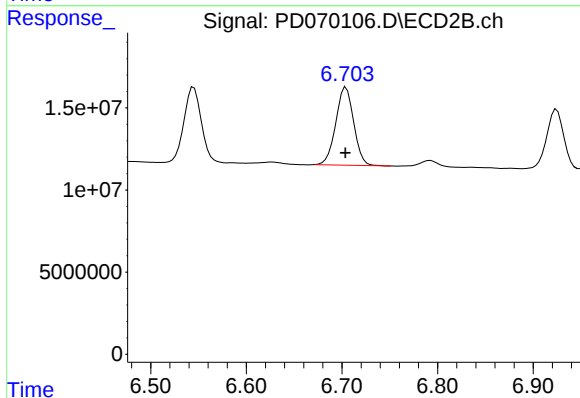
#13 Dieldrin

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 6776215
Conc: 5.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

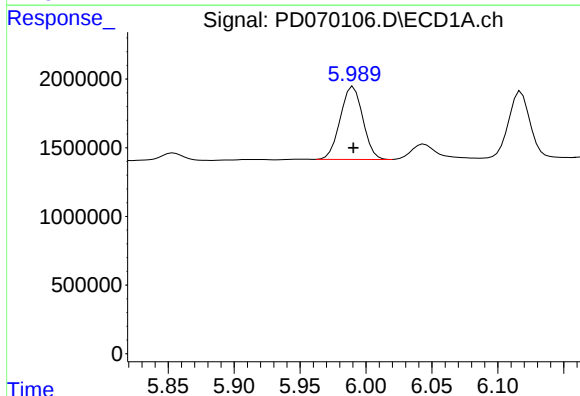
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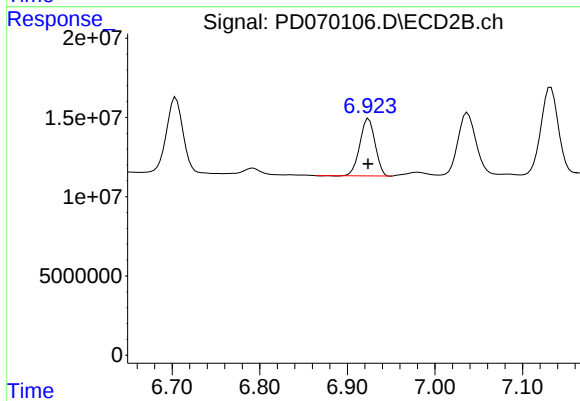
#13 Dieldrin

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 61755146
Conc: 6.55 ng/ml



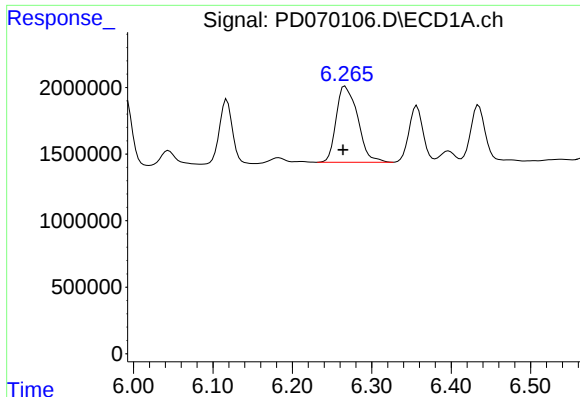
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 6306584
Conc: 5.46 ng/ml



#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 43802502
Conc: 6.49 ng/ml



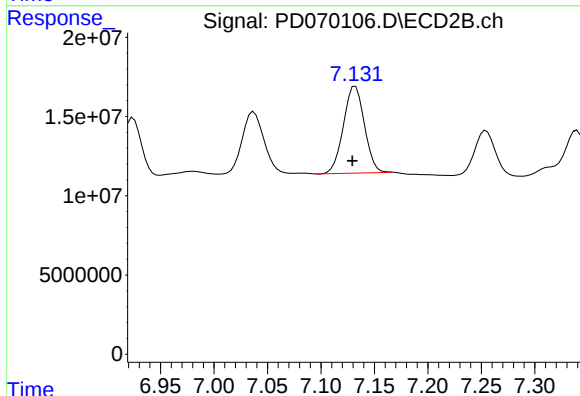
#15 Endosulfan II

R.T.: 6.266 min
Delta R.T.: 0.003 min
Response: 10743598
Conc: 9.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
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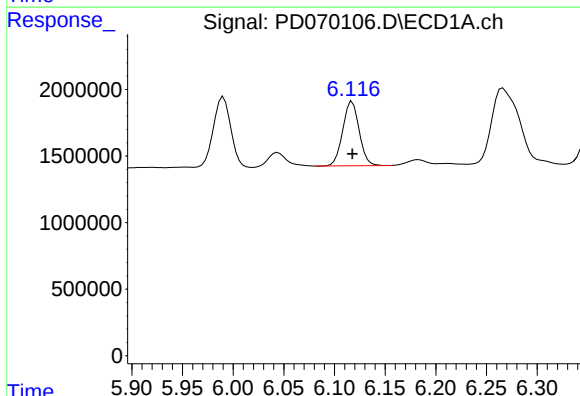
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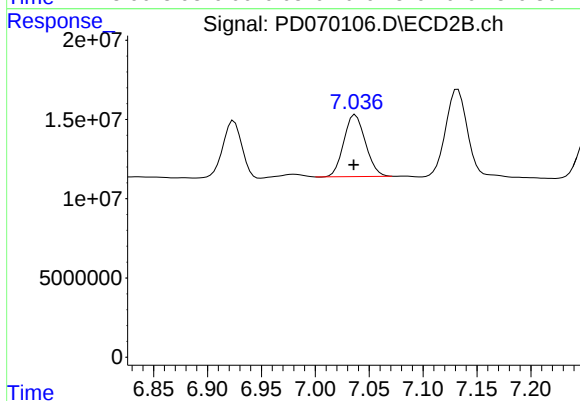
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: 0.001 min
Response: 75215815
Conc: 10.13 ng/ml m



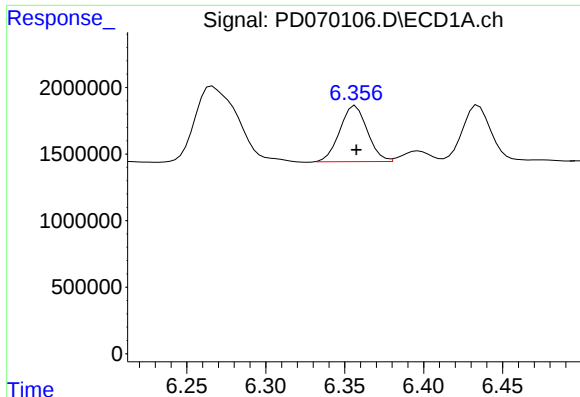
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 5439135
Conc: 5.03 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.002 min
Response: 54635091
Conc: 7.38 ng/ml



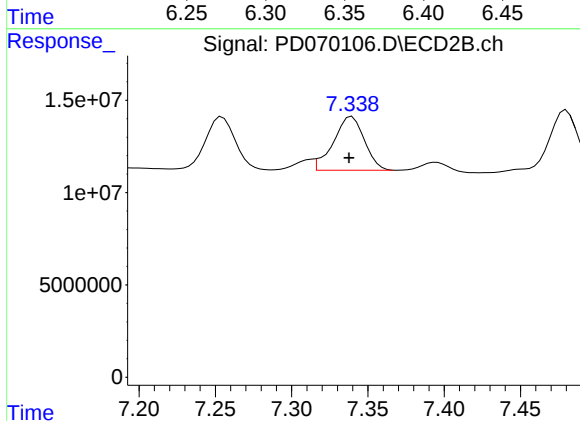
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 5092790
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

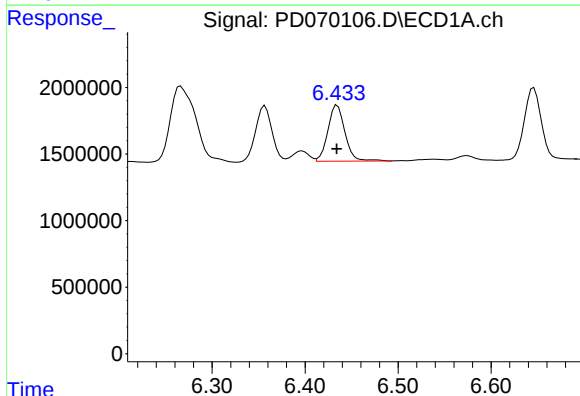
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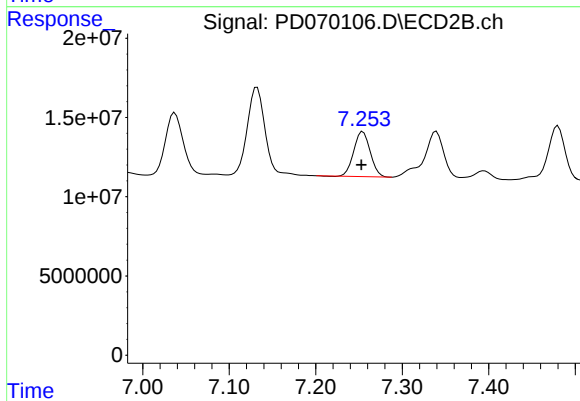
#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 40515068
Conc: 5.54 ng/ml m



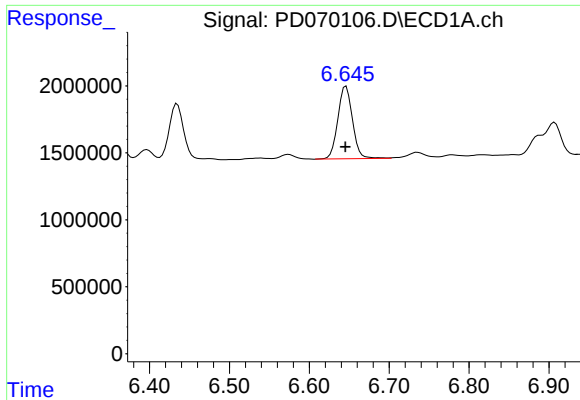
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 5384249
Conc: 6.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.002 min
Response: 37713711
Conc: 6.57 ng/ml



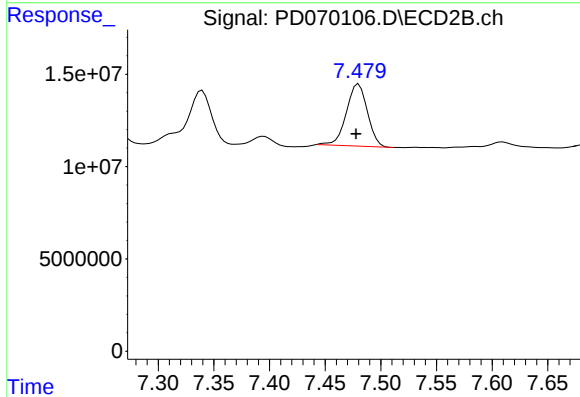
#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 6925541
Conc: 6.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

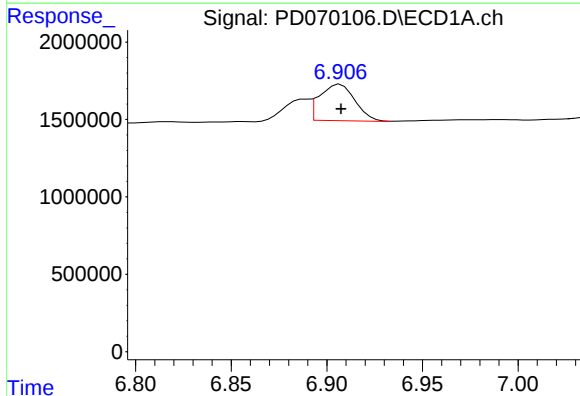
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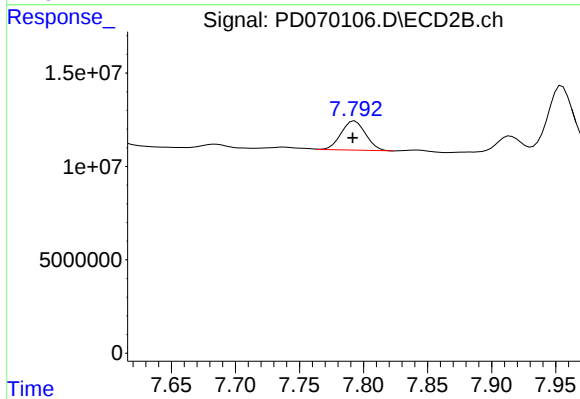
#19 Endosulfan Sulfate

R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 44127182
Conc: 5.98 ng/ml



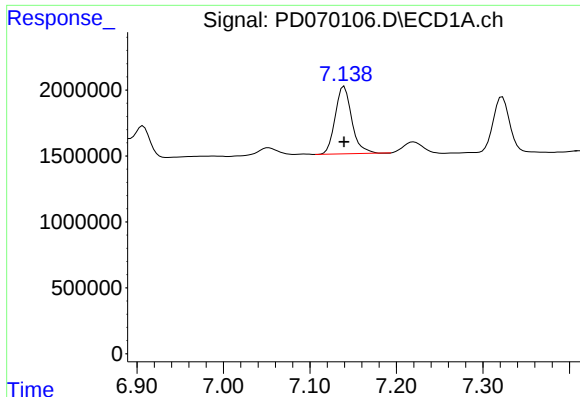
#20 Methoxychlor

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 2905923
Conc: 5.12 ng/ml m



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 20691417
Conc: 5.80 ng/ml m



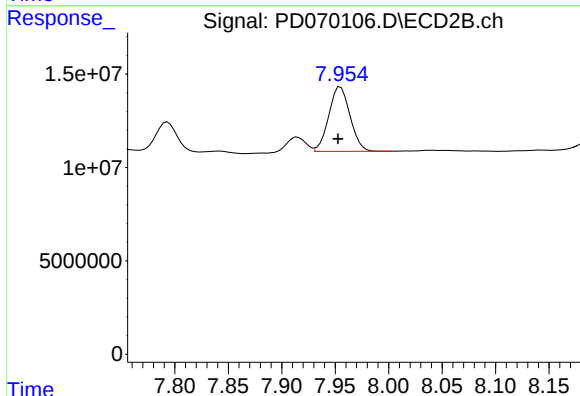
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 6782711
Conc: 5.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

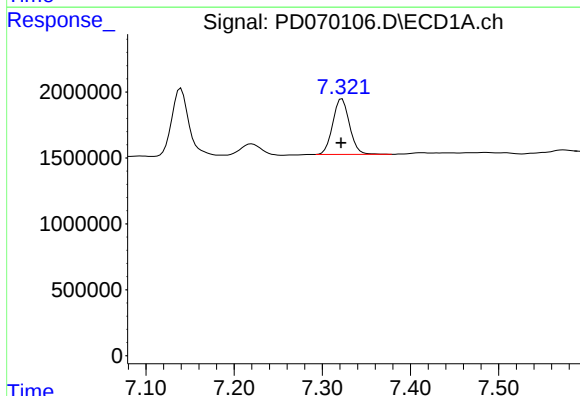
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2022
Supervised By :Ankita Jodhani 06/07/2022



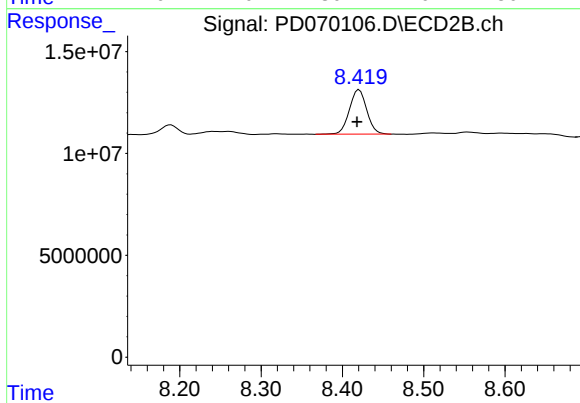
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.002 min
Response: 47774727
Conc: 6.00 ng/ml



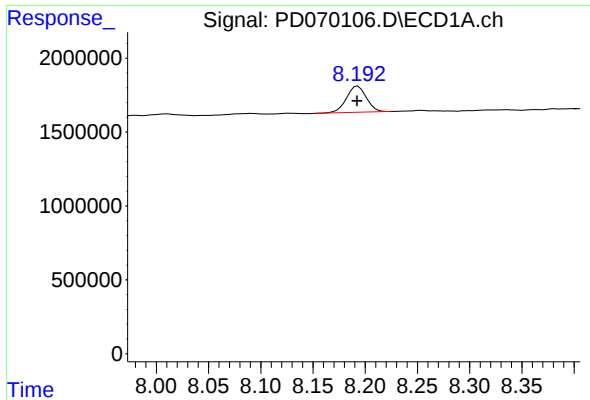
#22 Mirex

R.T.: 7.322 min
Delta R.T.: 0.001 min
Response: 5571735
Conc: 5.54 ng/ml



#22 Mirex

R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 32232242
Conc: 6.03 ng/ml m



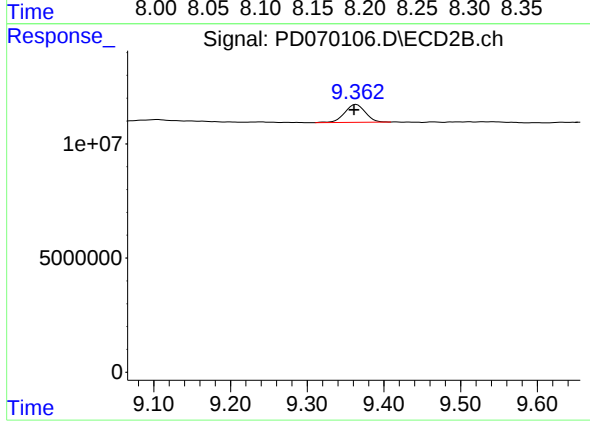
#28 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2355030
Conc: 2.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
P044-SS001-0612-01MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 14778948
Conc: 2.73 ng/ml