

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 06:22
 Operator : AR\AJ
 Sample : 03555-05MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-369MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 07:19:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 11 06:18:38 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...	3.544	2.764	34012457	18800799	10.381m	11.835m
2) SA Decachlor...	9.077	7.906	74571294	17946168	20.973	14.260 #
Target Compounds						
2) A alpha-BHC	4.001	3.267	186.9E6	80693710	32.267	33.491
3) MA gamma-BHC...	4.333	3.597	179.4E6	91296565	34.257m	41.008
4) MA Heptachlor	4.926	3.936	173.5E6	78945348	31.537	34.755
5) MB Aldrin	5.268	4.216	167.6E6	71709059	31.340	32.355
6) B beta-BHC	4.531	3.893	63643982	33279472	30.364	37.422
7) B delta-BHC	4.779	4.123	164.0E6	75249897	31.906	35.788
8) B Heptachlo...	5.696	4.718	153.7E6	65543049	31.906	32.784
9) A Endosulfan I	6.083	5.089	139.7E6	42612076	31.312	22.755 #
10) B gamma-Chl...	5.951	4.968	159.7E6	69604248	32.831m	34.956
11) B alpha-Chl...	6.032	5.032	155.6E6	65675768	32.386	33.050
12) B 4,4'-DDE	6.204	5.221	117.2E6	61206841	27.612	39.821 #
13) MA Dieldrin	6.359	5.354	141.4E6	79832782	30.225	40.531 #
14) MA Endrin	6.589	5.628	119.9E6	59088358	30.114	33.476
15) B Endosulfa...	6.808	5.921	120.8E6	60971566	32.529	39.293m
16) A 4,4'-DDD	6.722	5.776	131.5E6	43392390	39.134	35.903
17) MA 4,4'-DDT	7.037	6.027	127.9E6	54605469	36.387m	45.118
18) B Endrin al...	6.937	6.102	95448892	40762554	34.824m	35.668
19) B Endosulfa...	7.174	6.324	122.4E6	59574306	33.136	39.208
20) A Methoxychlor	7.514	6.601	56534647	20508341	29.580	32.114m
21) B Endrin ke...	7.659	6.831	130.3E6	51019269	31.221m	29.190
22) Mirex	8.136	7.012	79342647	39322395	25.110	26.529m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 06:22
Operator : AR\AJ
Sample : 03555-05MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :

ECD_D

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Manual Integrations

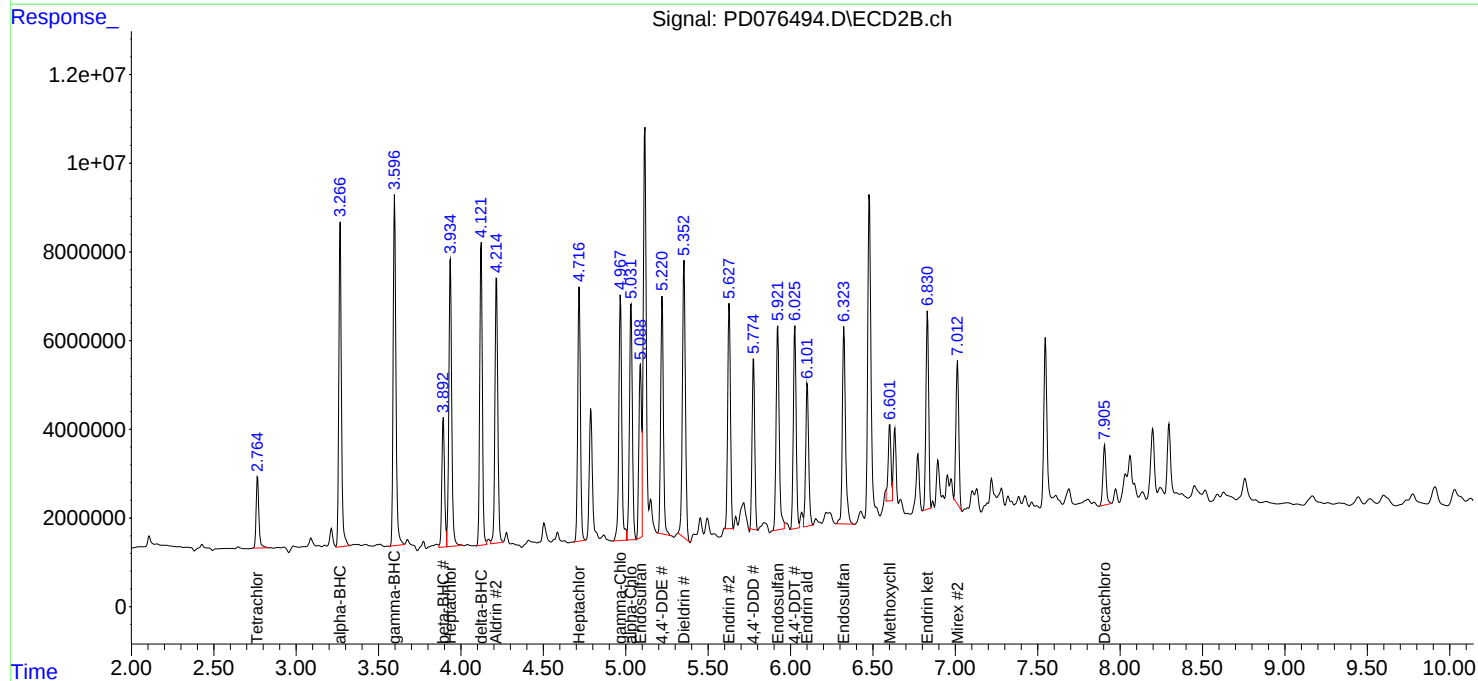
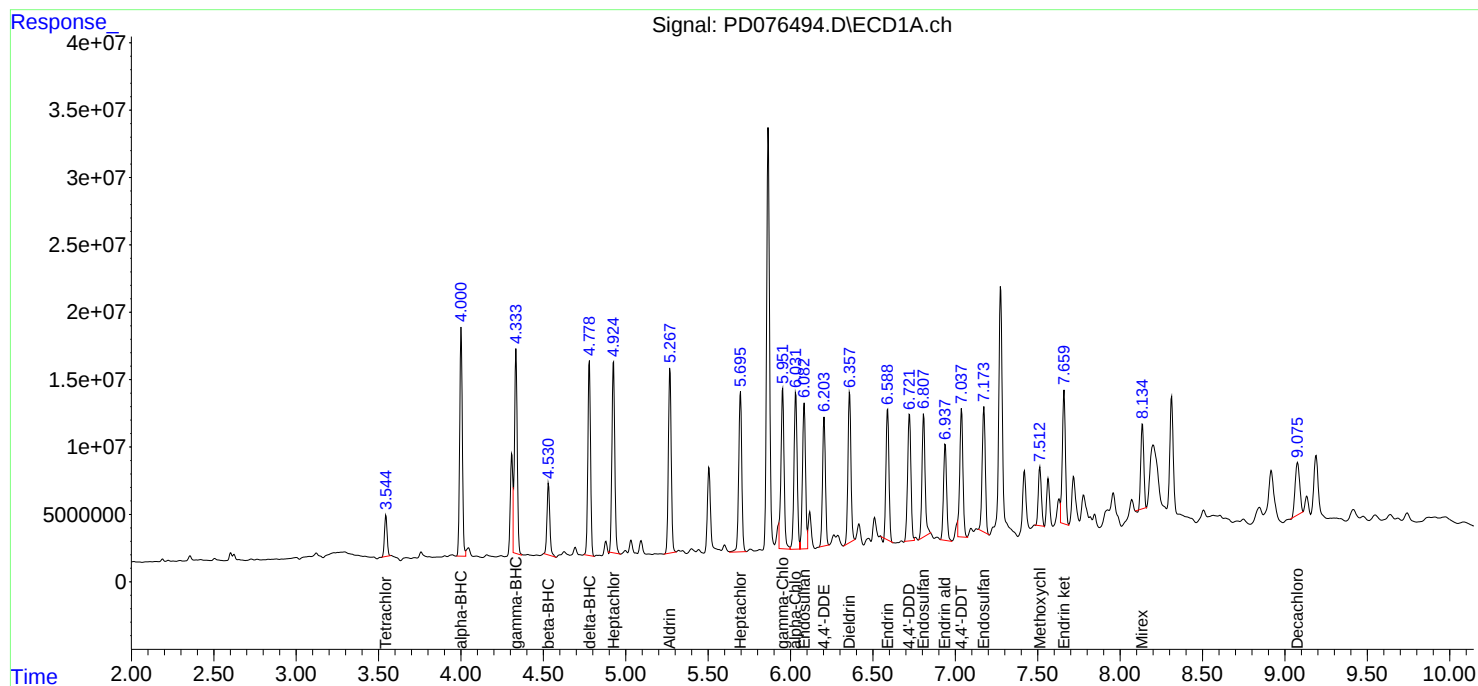
APPROVED

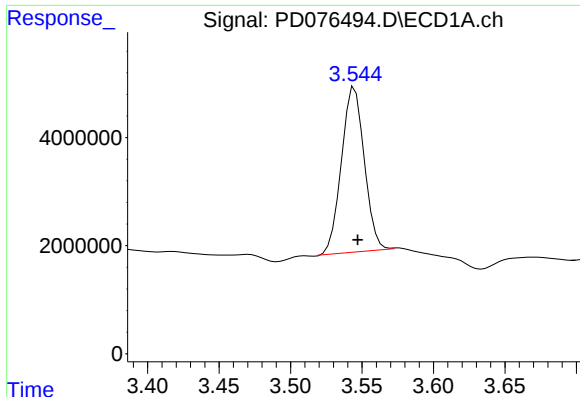
Reviewed By :Abdul Mirza 07/11/2023

Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 07:19:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Tue Jul 11 06:18:38 2023
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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





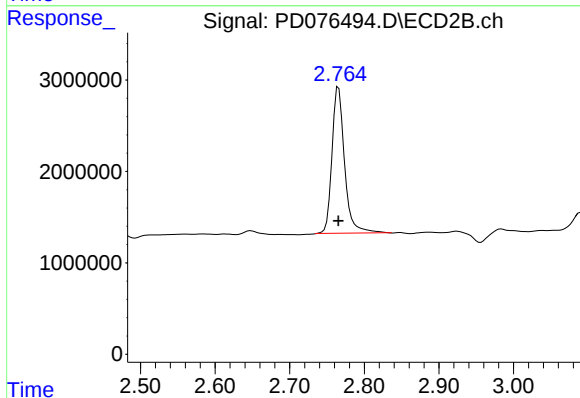
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 34012457
Conc: 10.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

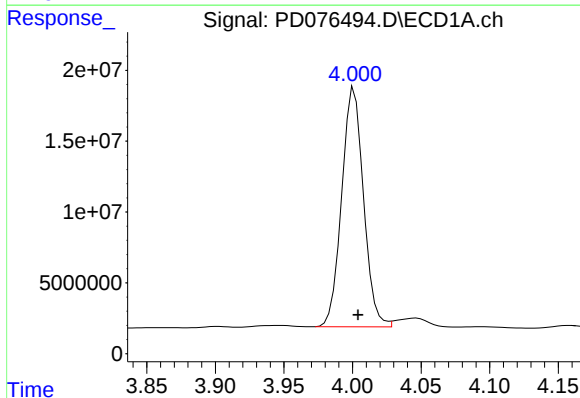
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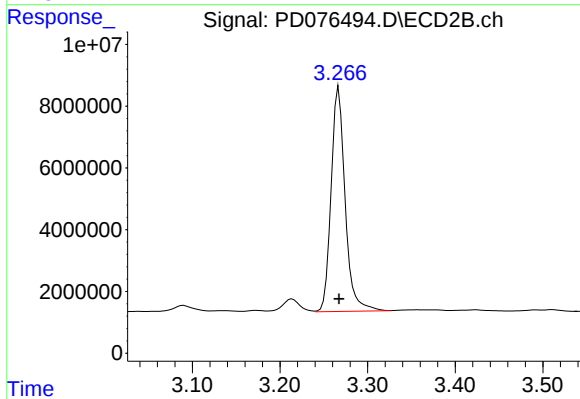
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.001 min
Response: 18800799
Conc: 11.84 ng/ml m



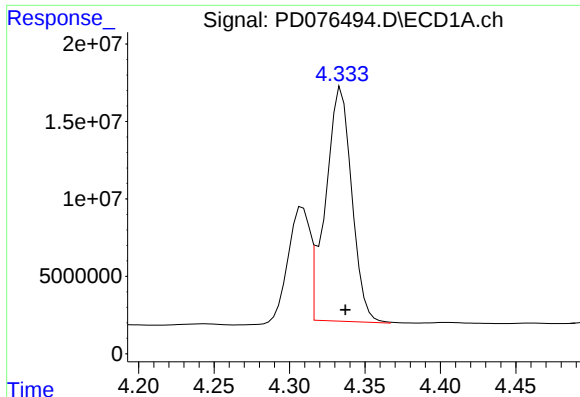
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.003 min
Response: 186891815
Conc: 32.27 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 80693710
Conc: 33.49 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.004 min
Response: 179353952
Conc: 34.26 ng/ml

Instrument :

ECD_D

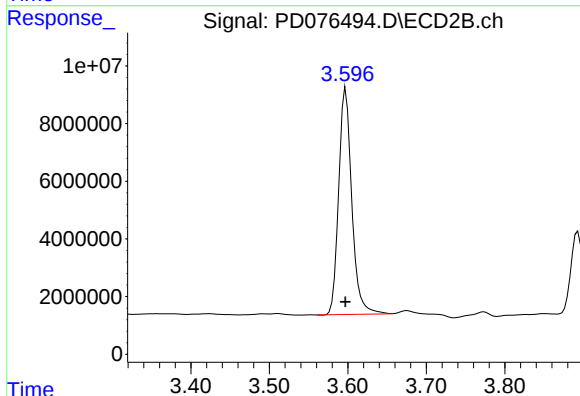
ClientSampleId :

ETGI-369MSD

Manual Integrations

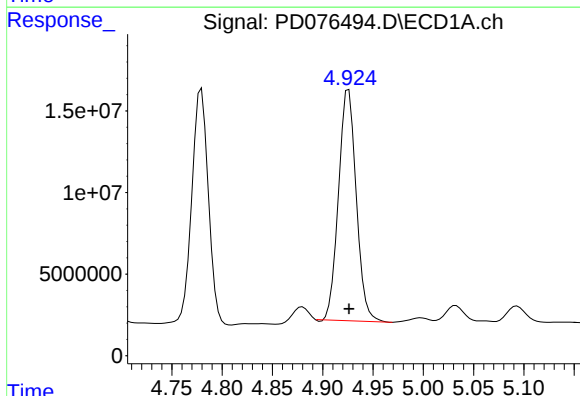
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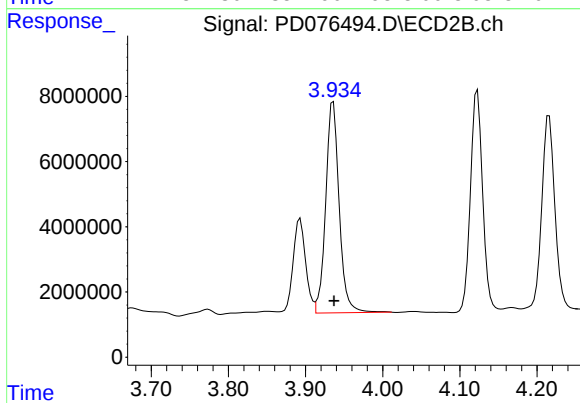
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 91296565
Conc: 41.01 ng/ml



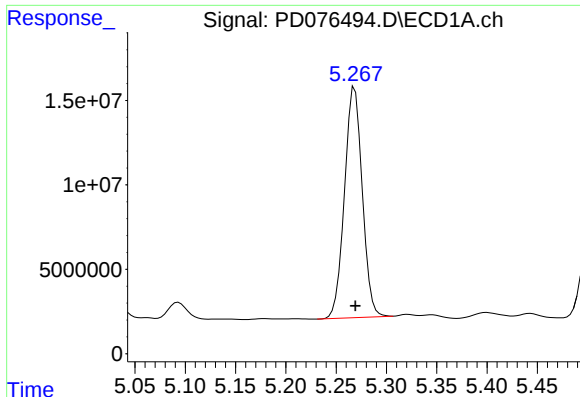
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 173454340
Conc: 31.54 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.001 min
Response: 78945348
Conc: 34.76 ng/ml



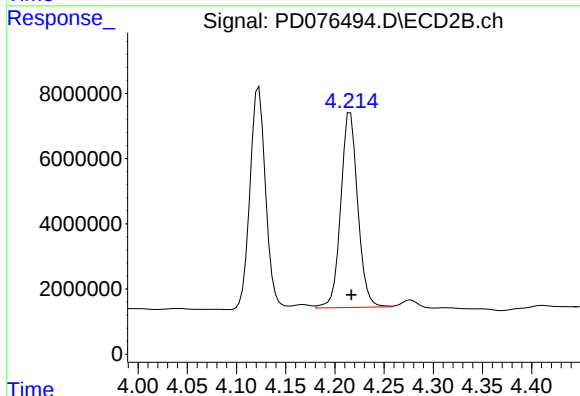
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 167552125
Conc: 31.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

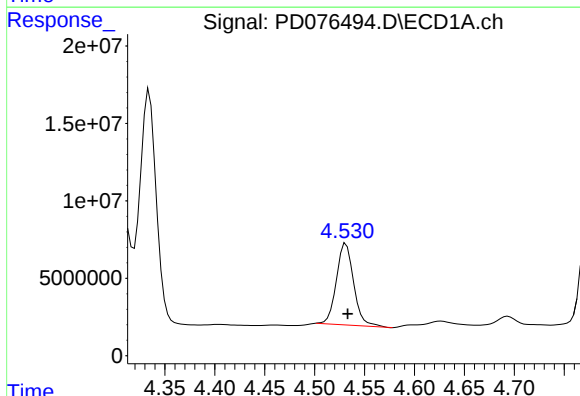
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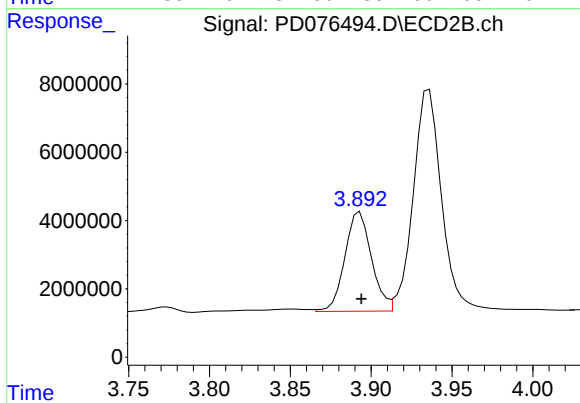
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 71709059
Conc: 32.35 ng/ml



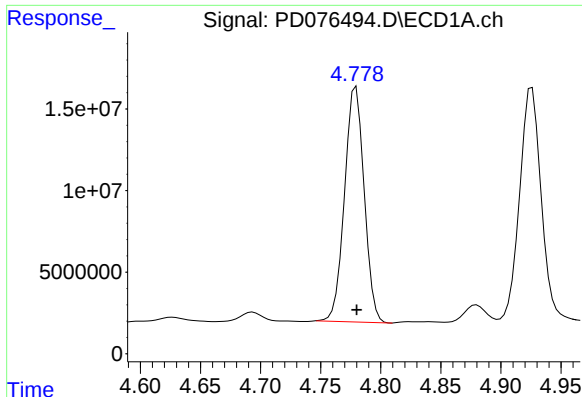
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 63643982
Conc: 30.36 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 33279472
Conc: 37.42 ng/ml



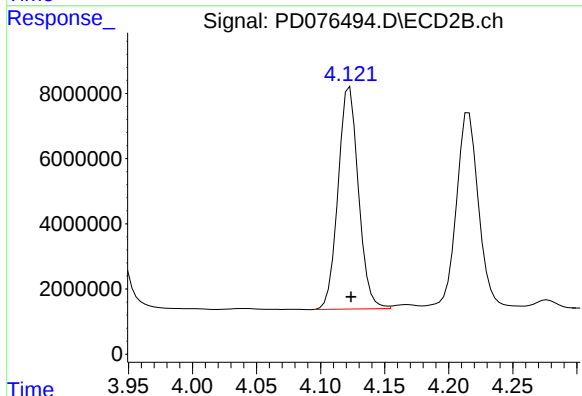
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 163987041
Conc: 31.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

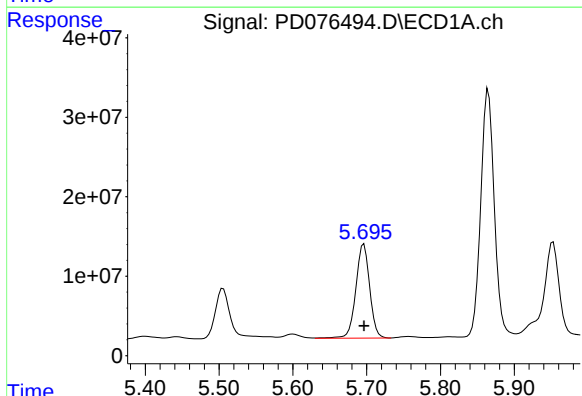
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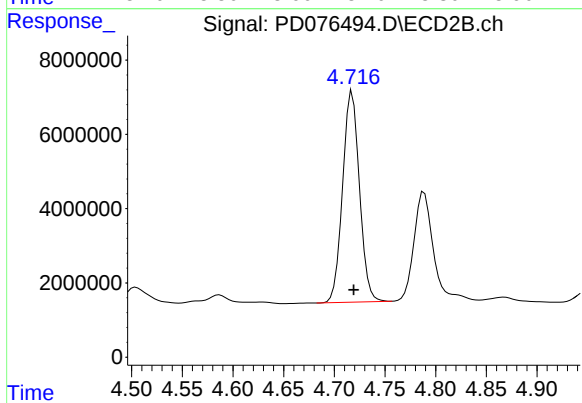
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: -0.001 min
Response: 75249897
Conc: 35.79 ng/ml



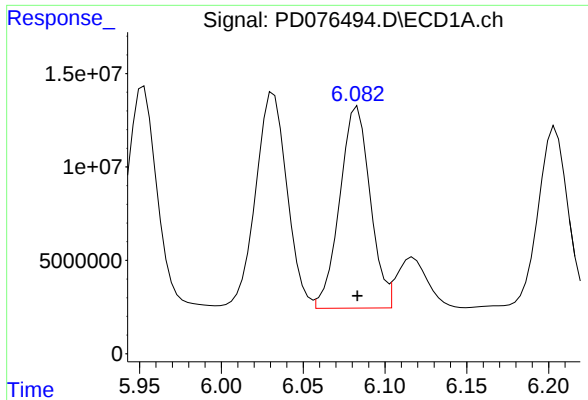
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 153734134
Conc: 31.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 65543049
Conc: 32.78 ng/ml



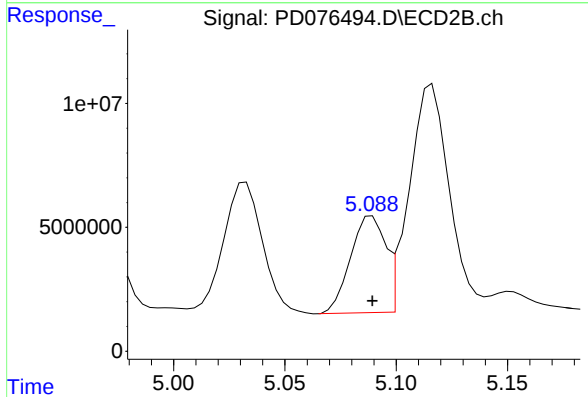
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 139683155
Conc: 31.31 ng/ml

Instrument :
ECD_D
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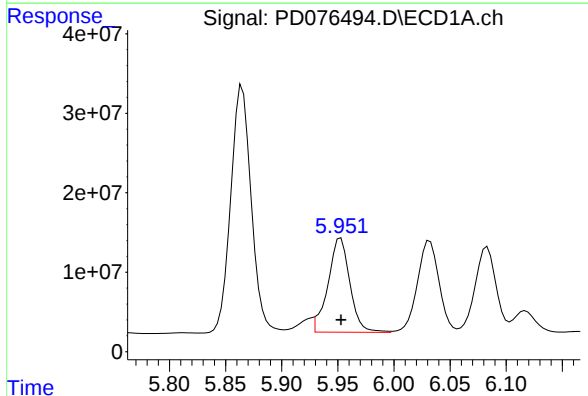
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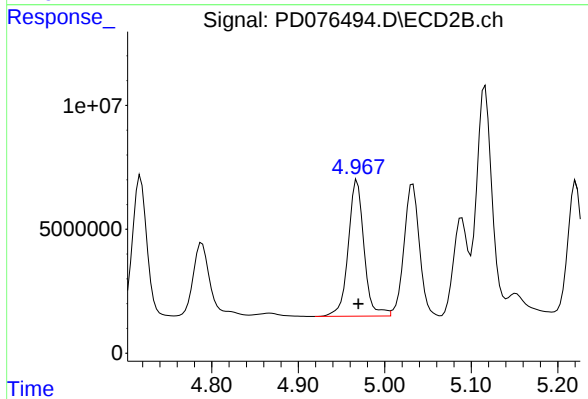
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 42612076
Conc: 22.75 ng/ml



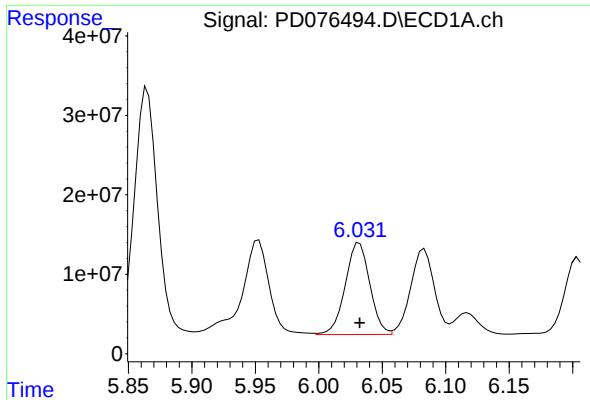
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 159658741
Conc: 32.83 ng/ml m



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 69604248
Conc: 34.96 ng/ml



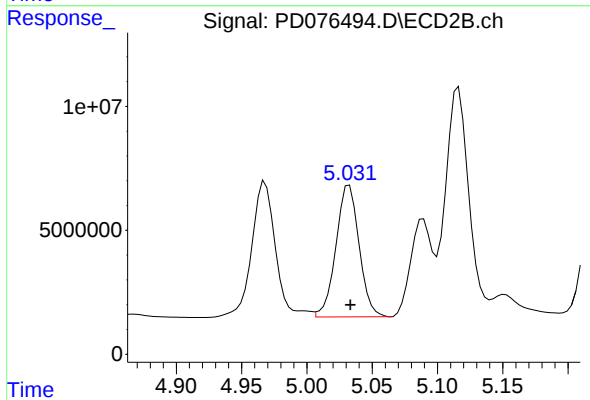
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 155592348
Conc: 32.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

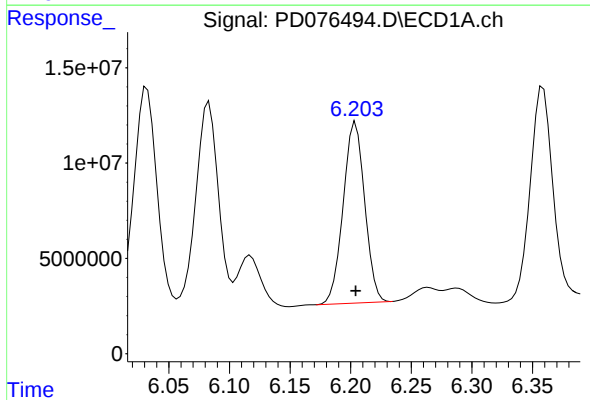
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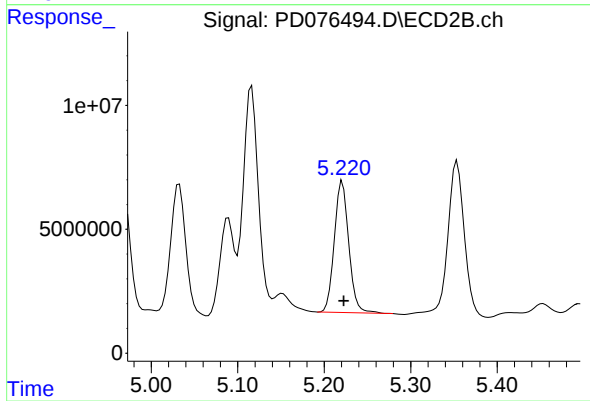
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 65675768
Conc: 33.05 ng/ml



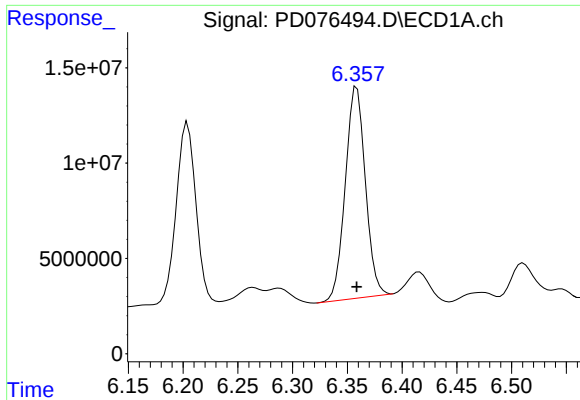
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 117206174
Conc: 27.61 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 61206841
Conc: 39.82 ng/ml



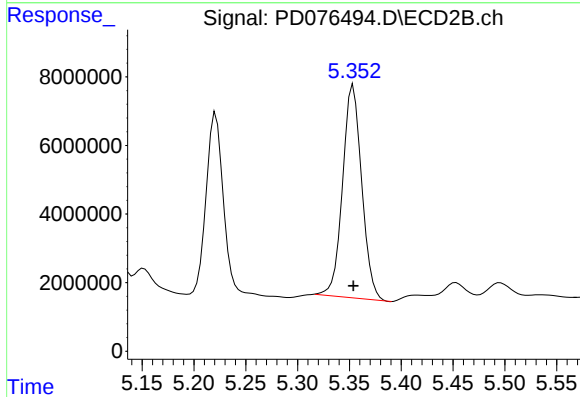
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 141395726
Conc: 30.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

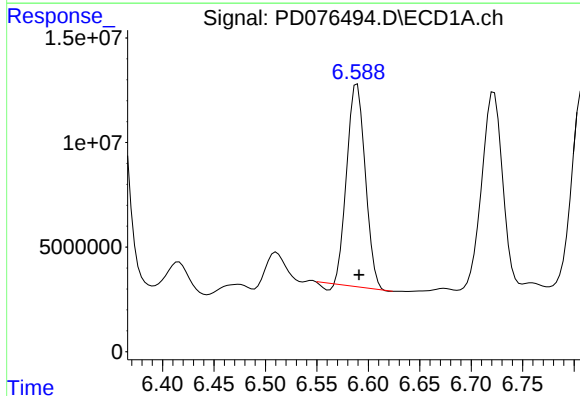
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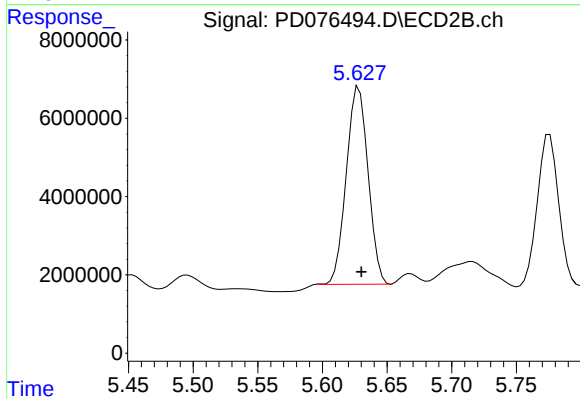
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 79832782
Conc: 40.53 ng/ml



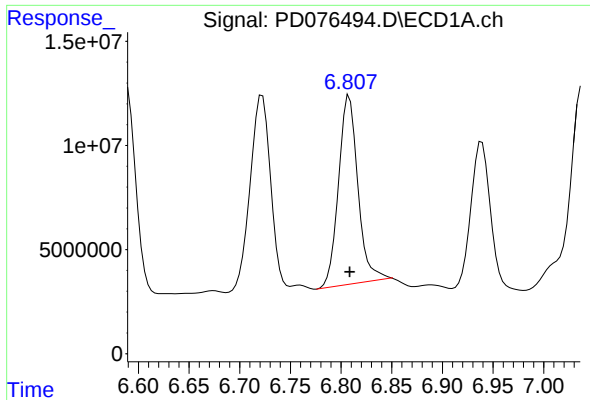
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 119895794
Conc: 30.11 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.002 min
Response: 59088358
Conc: 33.48 ng/ml



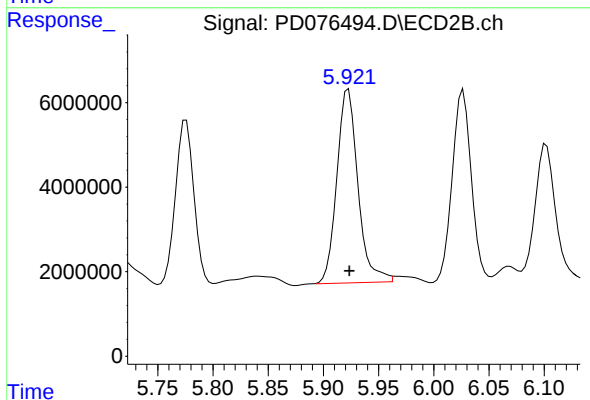
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 120800614
Conc: 32.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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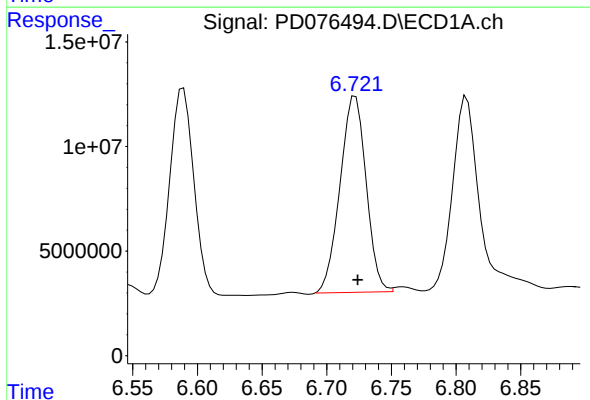
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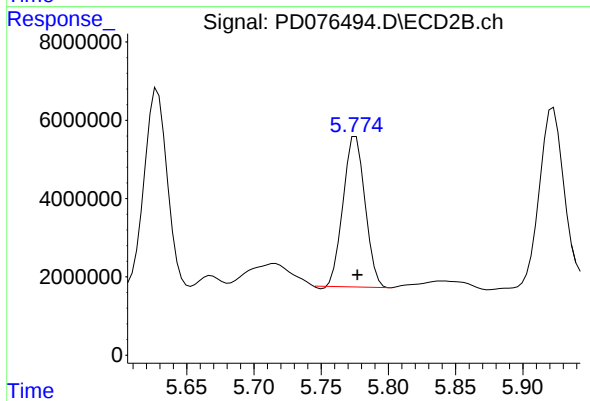
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 60971566
Conc: 39.29 ng/ml m



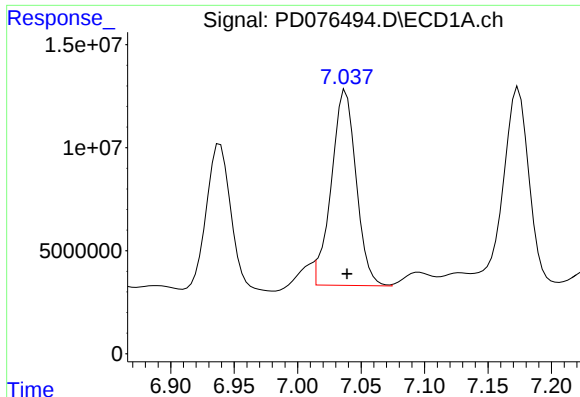
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 131474455
Conc: 39.13 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 43392390
Conc: 35.90 ng/ml



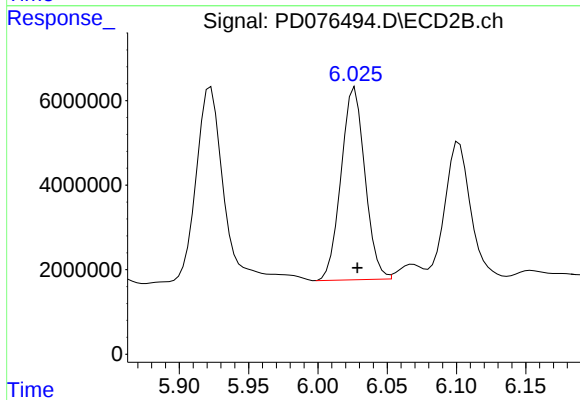
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 127937234
Conc: 36.39 ng/ml

Instrument :
ECD_D
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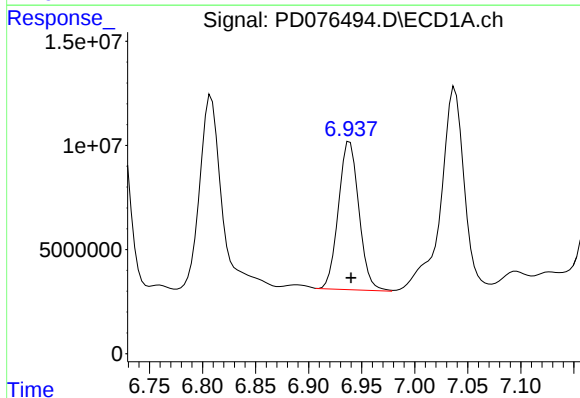
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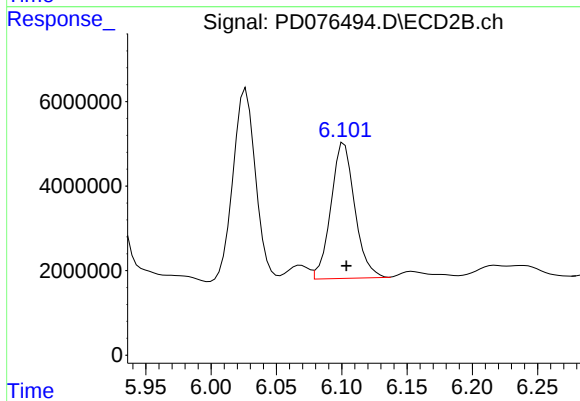
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 54605469
Conc: 45.12 ng/ml



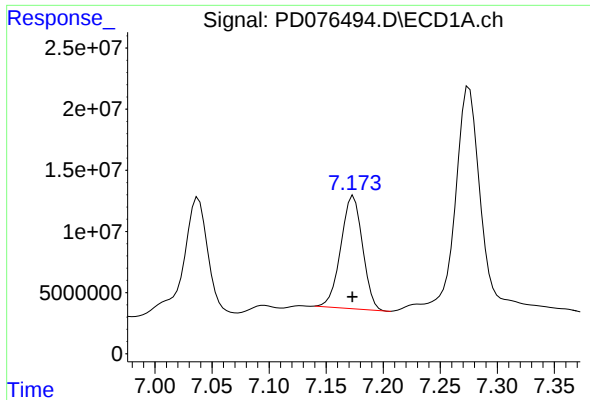
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 95448892
Conc: 34.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 40762554
Conc: 35.67 ng/ml



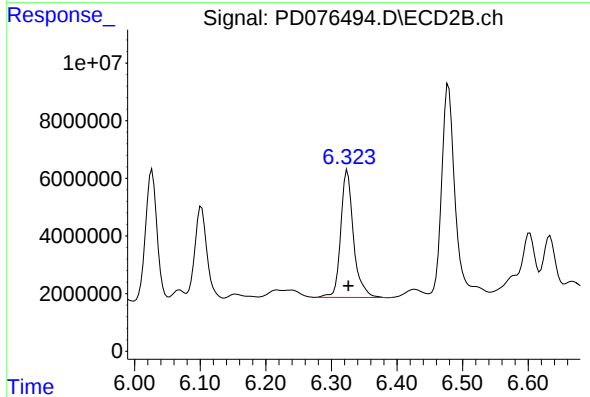
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 122431029
Conc: 33.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

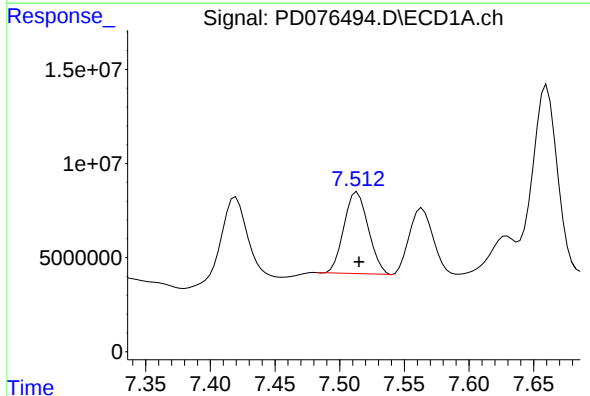
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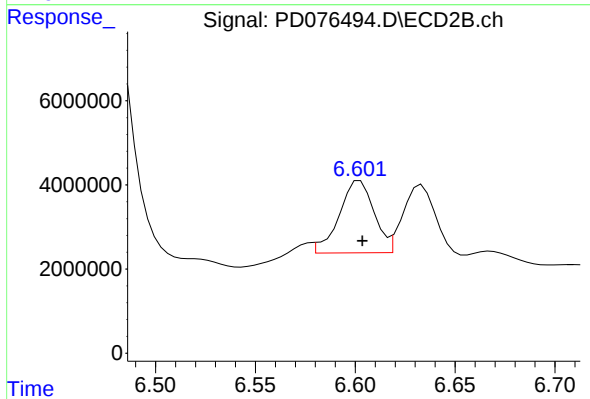
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 59574306
Conc: 39.21 ng/ml



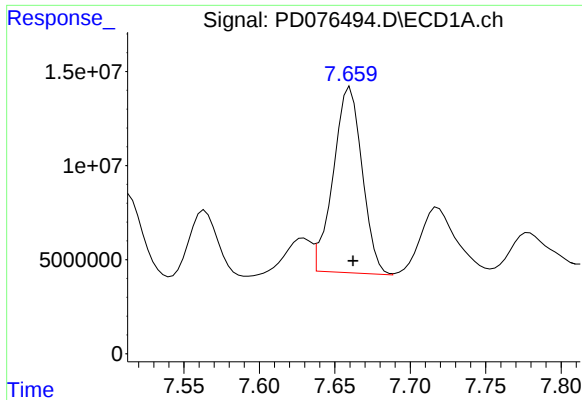
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 56534647
Conc: 29.58 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 20508341
Conc: 32.11 ng/ml m



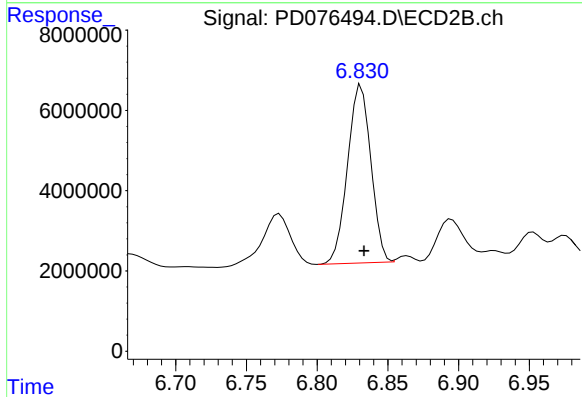
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 130340189
Conc: 31.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

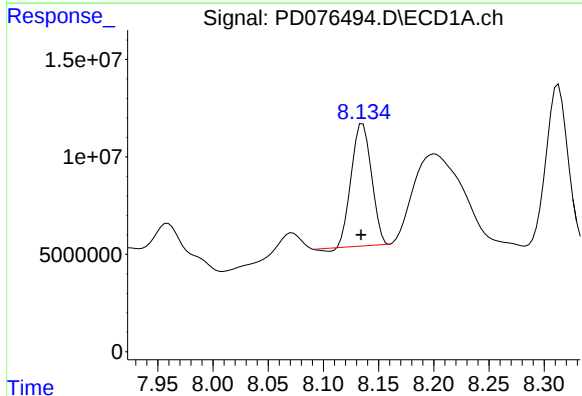
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



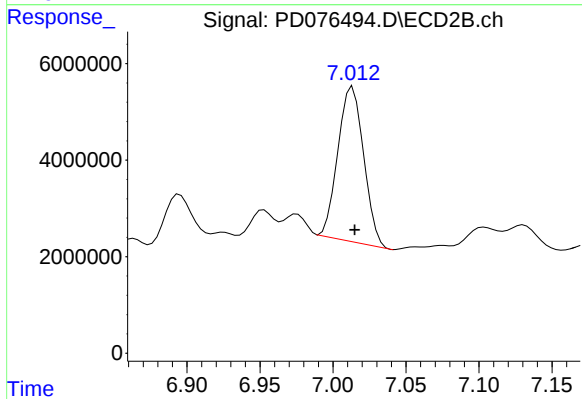
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 51019269
Conc: 29.19 ng/ml



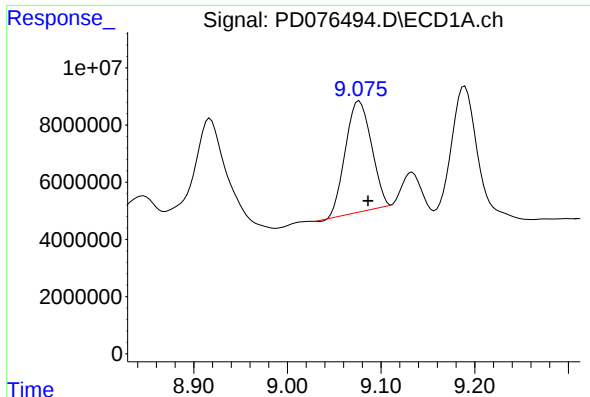
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 79342647
Conc: 25.11 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 39322395
Conc: 26.53 ng/ml m



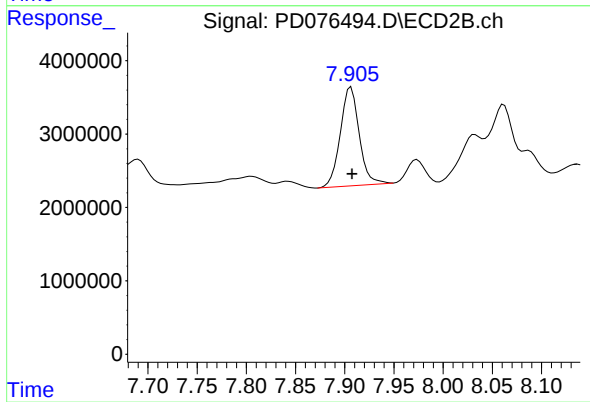
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: -0.009 min
Response: 74571294
Conc: 20.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-369MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 17946168
Conc: 14.26 ng/ml