

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 16:04
 Operator : AR\AJ
 Sample : N3214-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 16:53:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 16:53:40 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...	3.484	4.123	40703384	466.5E6	16.673	18.040
28)	SA Decachlor...	8.261	9.312	45887128	145.5E6	18.506	17.687
Target Compounds							
2)	A alpha-BHC	3.927	4.527	9103471	112.7E6	2.592	3.068
3)	MA gamma-BHC...	4.212	4.820	10779034	91422498	3.168	2.814
4)	MA Heptachlor	4.513	5.335	7903446	94393617	2.343	3.047 #
5)	MB Aldrin	4.762	5.647	8307170	86697653	2.517	3.075
6)	B beta-BHC	4.461	4.998	3496828	87085118	2.396	5.468 #
7)	B delta-BHC	4.667	5.220	7313506	86014636	2.235	3.007 #
8)	B Heptachlo...	5.208	6.041	8053459	86063799	2.673	3.782 #
9)	A Endosulfan I	5.548	6.406	7020602	69116217	2.508	3.375 #
10)	B gamma-Chl...	5.435	6.278	8226799	76474586	2.652	3.353 #
11)	B alpha-Chl...	5.494	6.351	8285561	80421758	2.724	3.651 #
12)	B 4,4'-DDE	5.660	6.506	6848781	61614246	2.356	3.013 #
13)	MA Dieldrin	5.793	6.667	7216265	61578387	2.398	3.038 #
14)	MA Endrin	6.052	6.890	6635802	43048650	2.468	2.797
15)	B Endosulfa...	6.325	7.103	6317874	44308817	2.661	3.018
16)	A 4,4'-DDD	6.178	7.003	7233728	47384675	2.964	3.348m
17)	MA 4,4'-DDT	6.419	7.306	7089454	42192939	2.839	2.769
18)	B Endrin al...	6.495	7.229	5394639	38165429	2.902	3.333
19)	B Endosulfa...	6.708	7.453	6588671	41976126	2.713	3.059
20)	A Methoxychlor	6.971	7.765	3613202	18940279	2.528	2.762
21)	B Endrin ke...	7.202	7.934	7929204	40906503	2.981	3.188
22)	Mirex	7.390	8.389	7088109	27096181	3.238	3.393

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

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Data File : PD070771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2022 16:04
Operator : AR\AJ
Sample : N3214-07
Misc : PEST LOD 2.5PPB
ALS Vial : 18 Sample Multiplier: 1

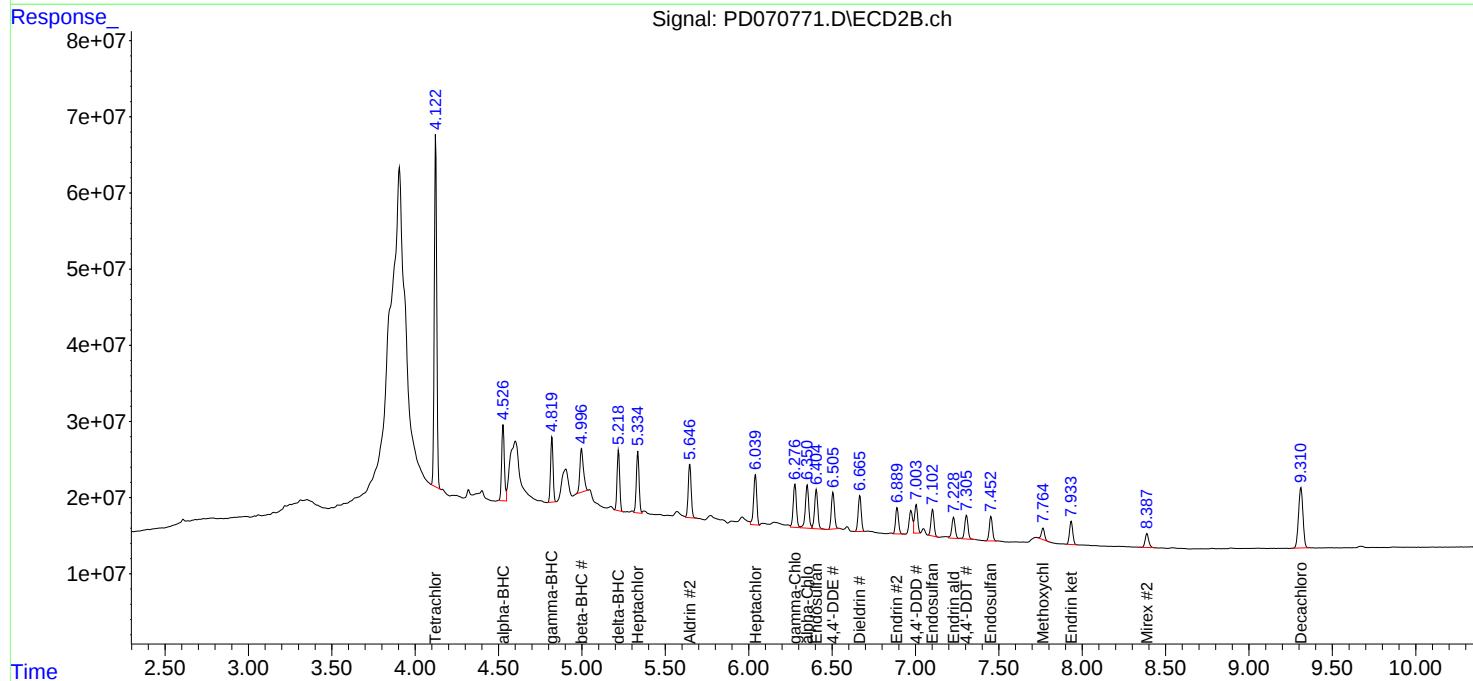
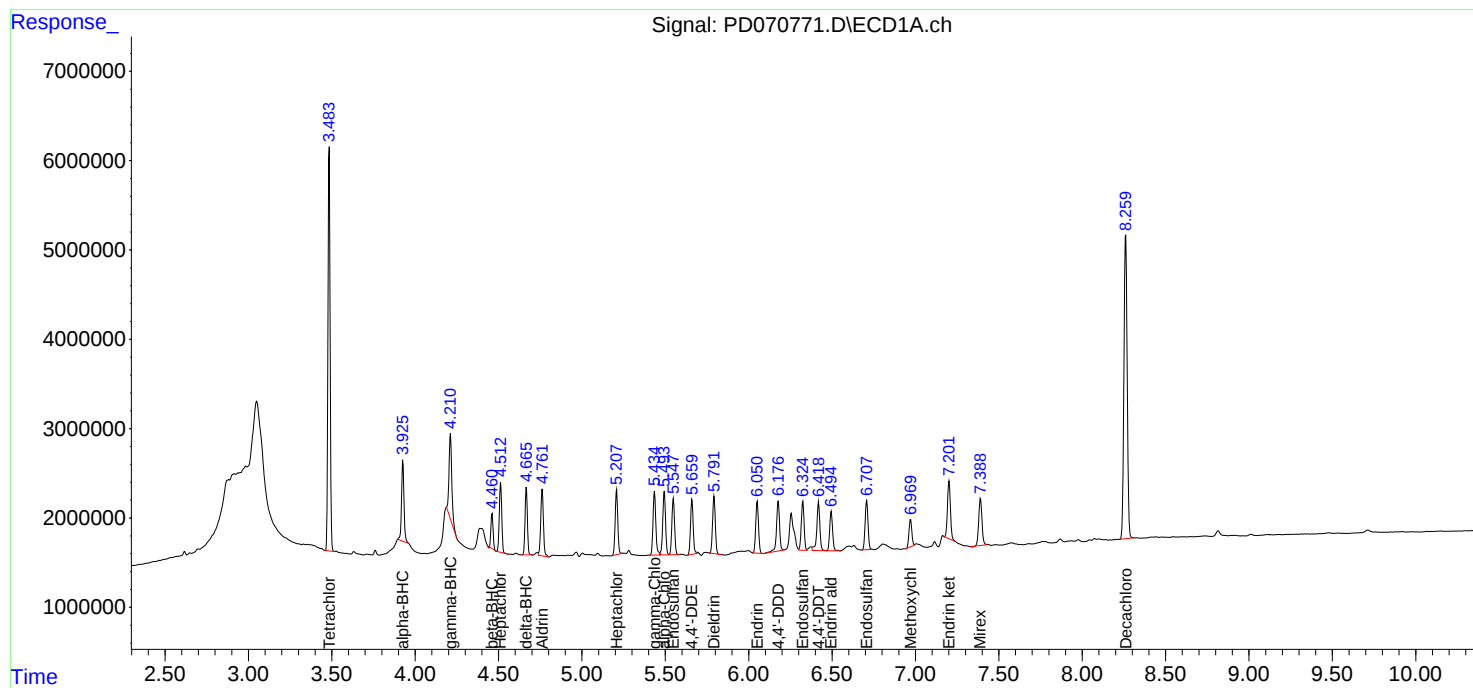
Instrument :
ECD_D
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LOD-MDL-WATER-01-QT2-2022

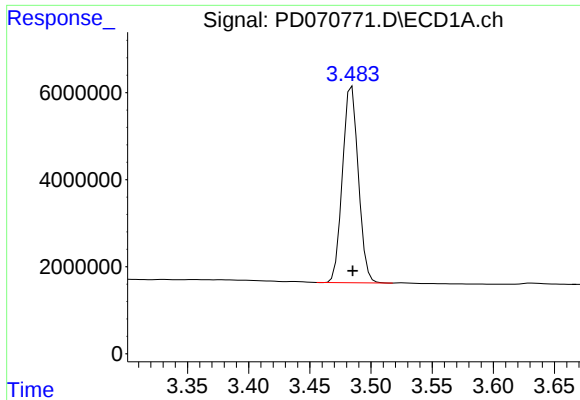
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 16:53:46 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Thu Jul 07 16:53:40 2022
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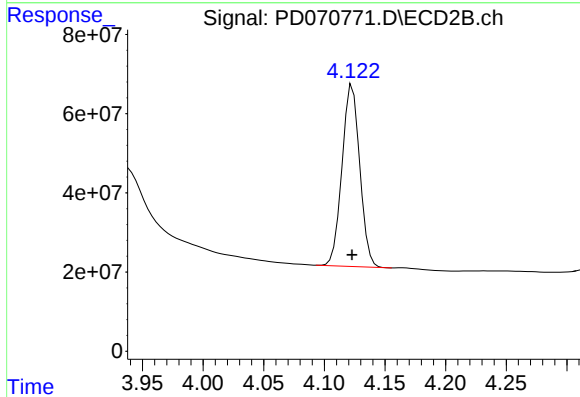
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 40703384
Conc: 16.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

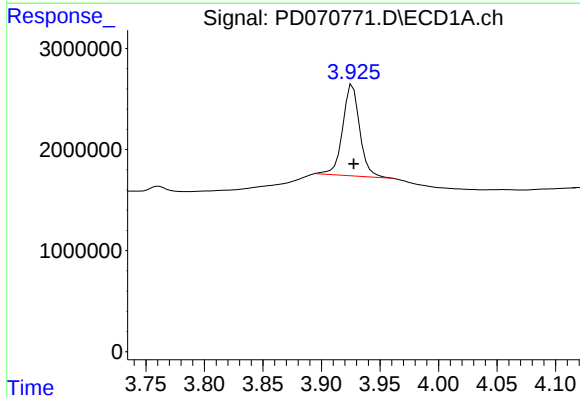
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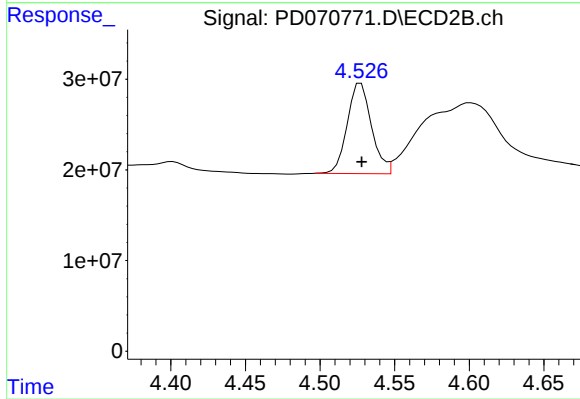
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 466534998
Conc: 18.04 ng/ml



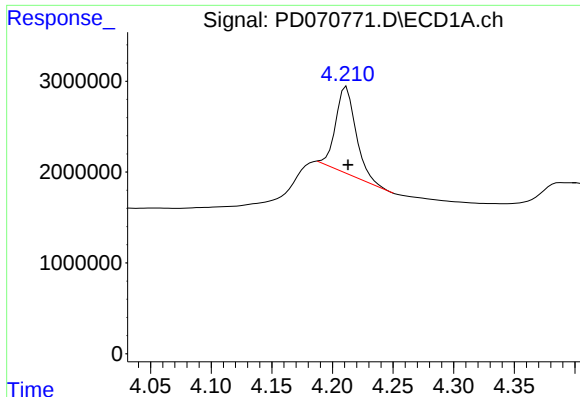
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: -0.001 min
Response: 9103471
Conc: 2.59 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 112746064
Conc: 3.07 ng/ml



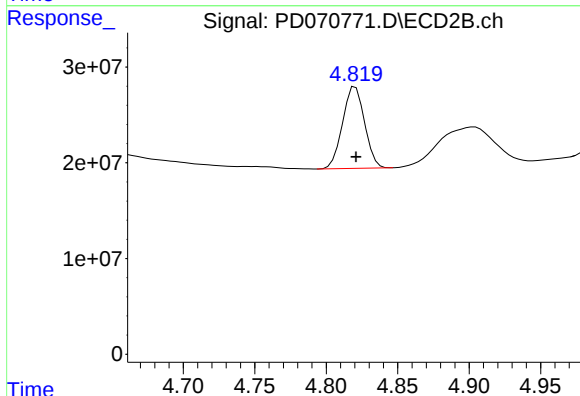
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.001 min
Response: 10779034
Conc: 3.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
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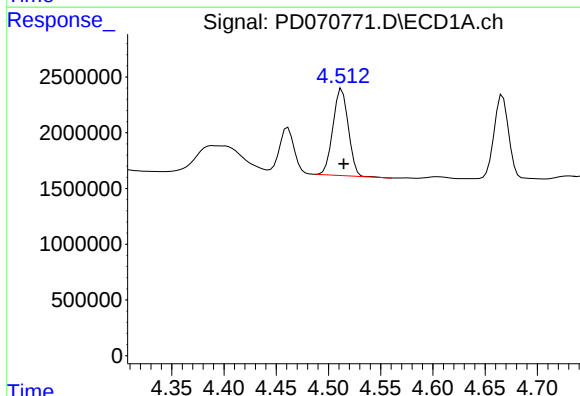
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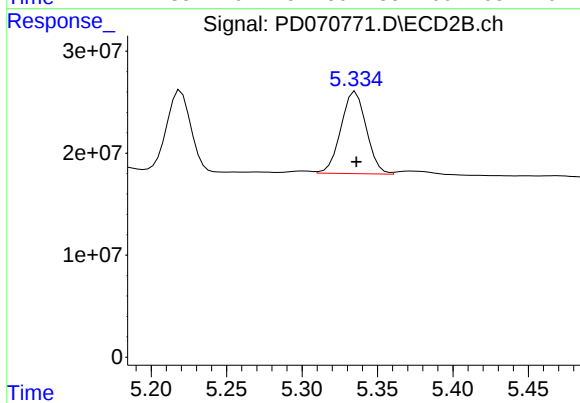
#3 gamma-BHC (Lindane)

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 91422498
Conc: 2.81 ng/ml



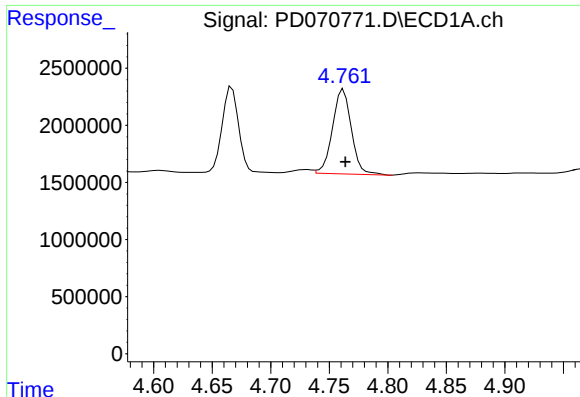
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: -0.002 min
Response: 7903446
Conc: 2.34 ng/ml



#4 Heptachlor

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 94393617
Conc: 3.05 ng/ml



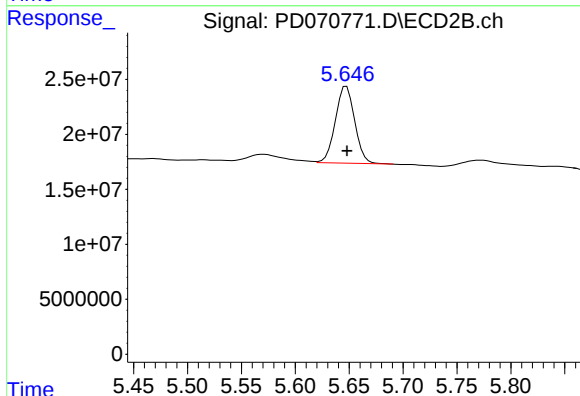
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 8307170
Conc: 2.52 ng/ml

Instrument :
ECD_D
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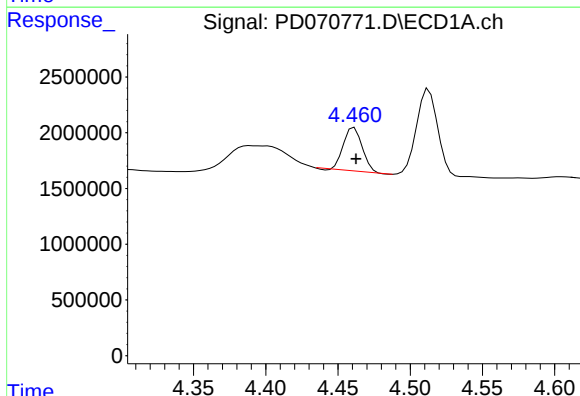
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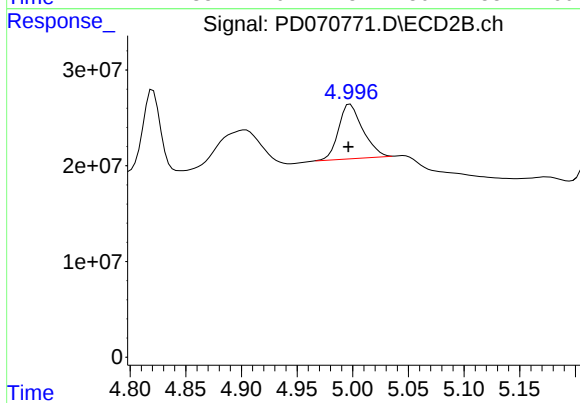
#5 Aldrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 86697653
Conc: 3.08 ng/ml



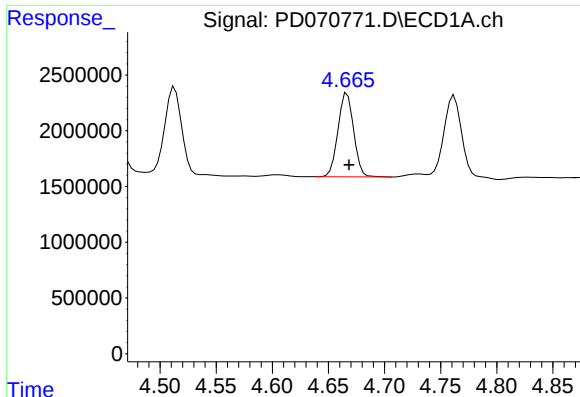
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: -0.001 min
Response: 3496828
Conc: 2.40 ng/ml



#6 beta-BHC

R.T.: 4.998 min
Delta R.T.: 0.002 min
Response: 87085118
Conc: 5.47 ng/ml



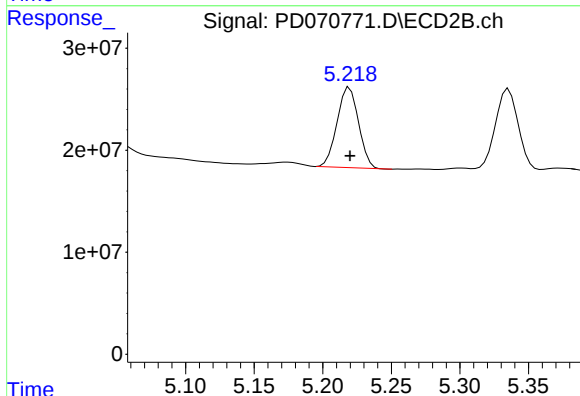
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: -0.002 min
Response: 7313506
Conc: 2.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

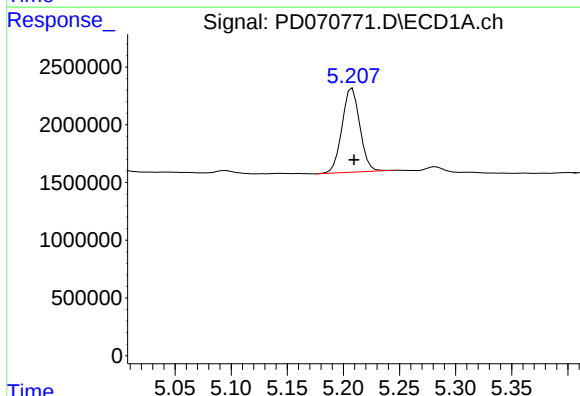
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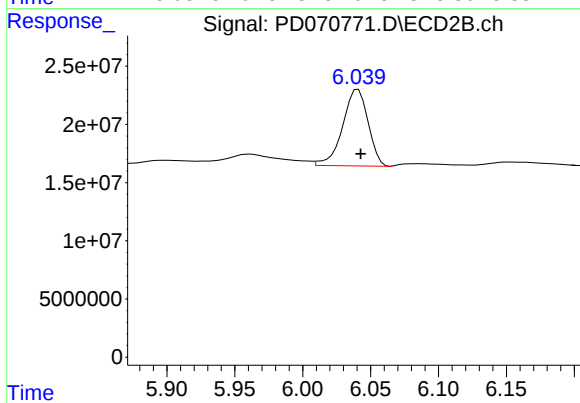
#7 delta-BHC

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 86014636
Conc: 3.01 ng/ml



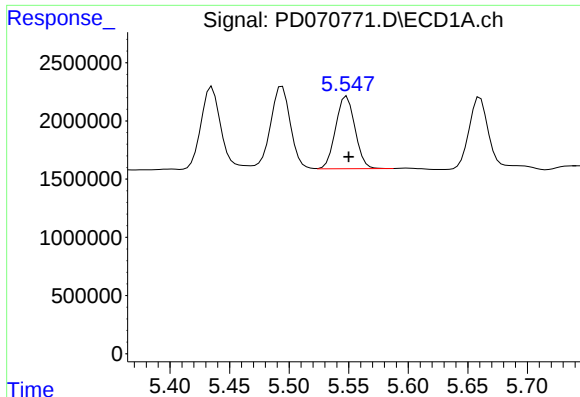
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 8053459
Conc: 2.67 ng/ml



#8 Heptachlor epoxide

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 86063799
Conc: 3.78 ng/ml



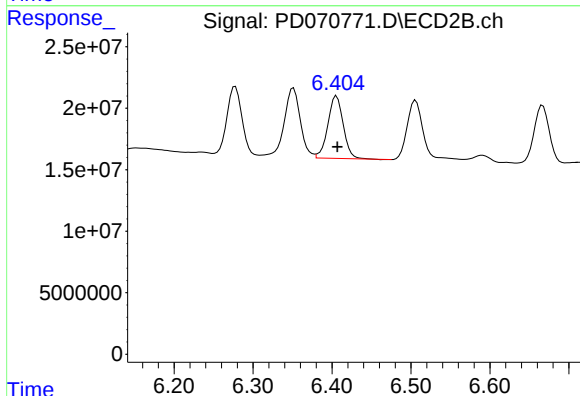
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 7020602
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

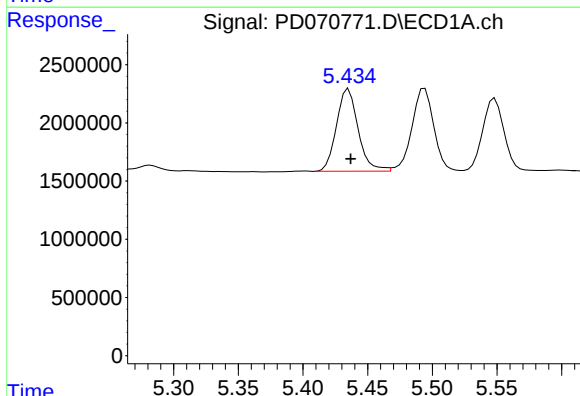
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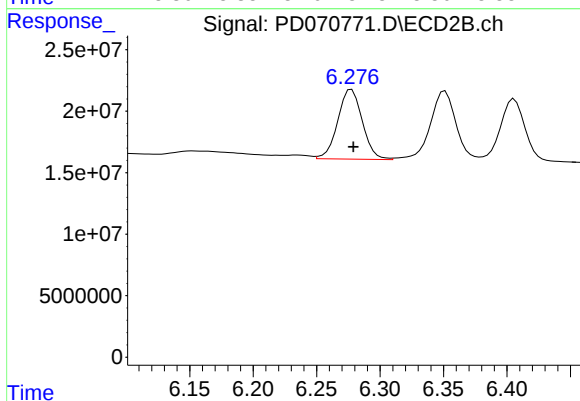
#9 Endosulfan I

R.T.: 6.406 min
Delta R.T.: -0.001 min
Response: 69116217
Conc: 3.38 ng/ml



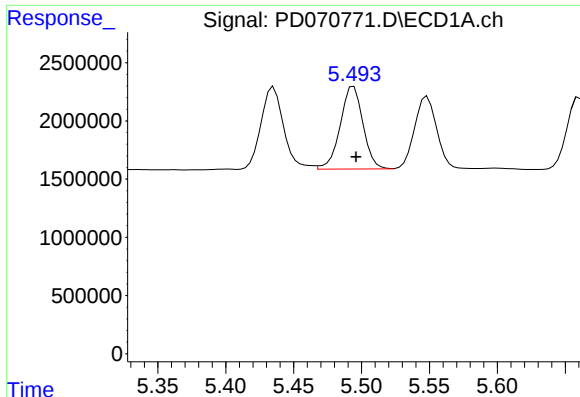
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: -0.002 min
Response: 8226799
Conc: 2.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 76474586
Conc: 3.35 ng/ml



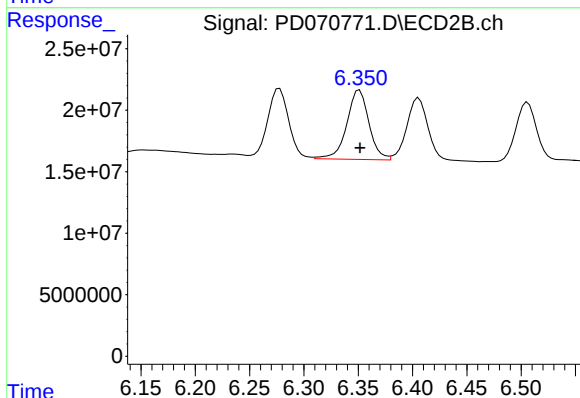
#11 alpha-Chlordane

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 8285561
Conc: 2.72 ng/ml

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT2-2022

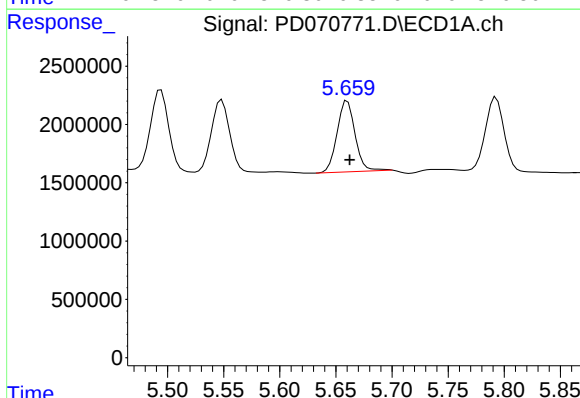
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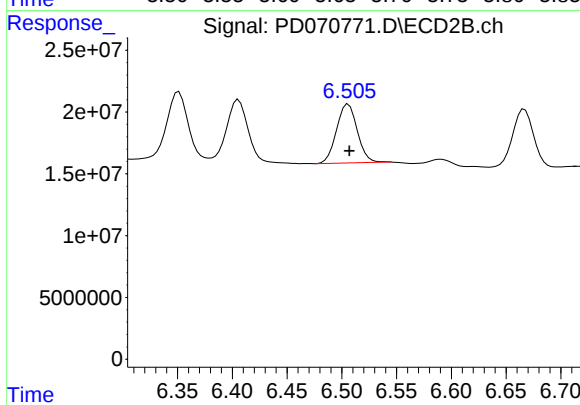
#11 alpha-Chlordane

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 80421758
Conc: 3.65 ng/ml



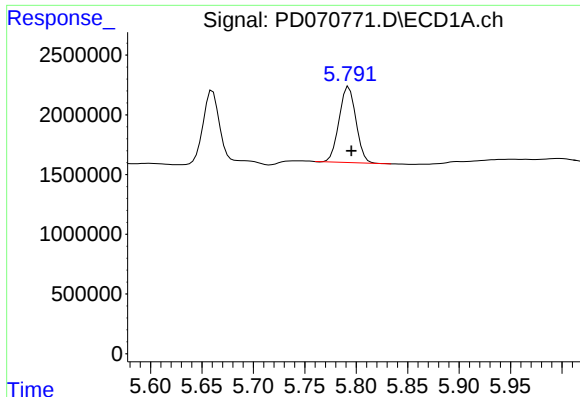
#12 4,4'-DDE

R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 6848781
Conc: 2.36 ng/ml



#12 4,4'-DDE

R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 61614246
Conc: 3.01 ng/ml



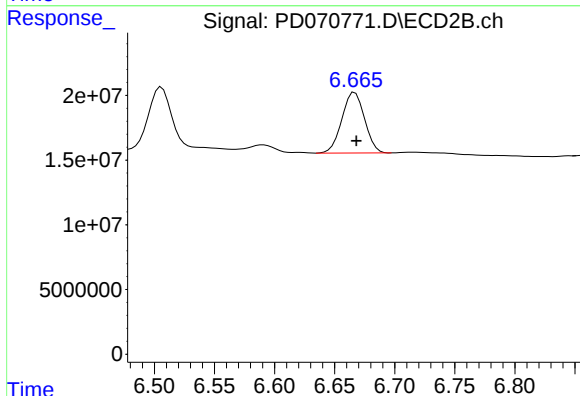
#13 Dieldrin

R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 7216265
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

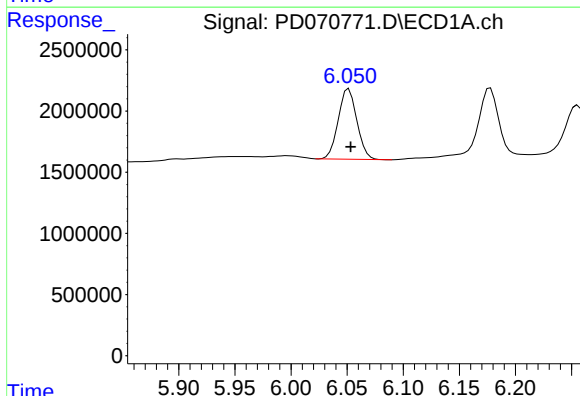
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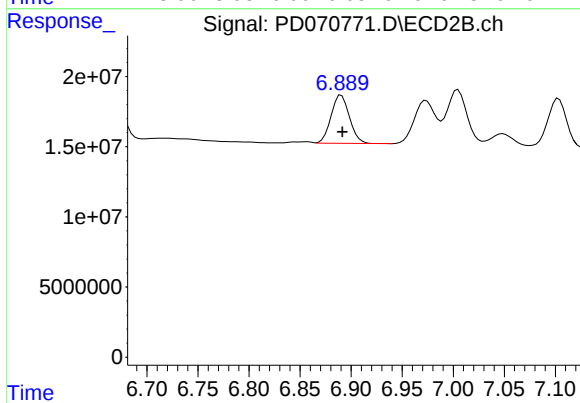
#13 Dieldrin

R.T.: 6.667 min
Delta R.T.: -0.001 min
Response: 61578387
Conc: 3.04 ng/ml



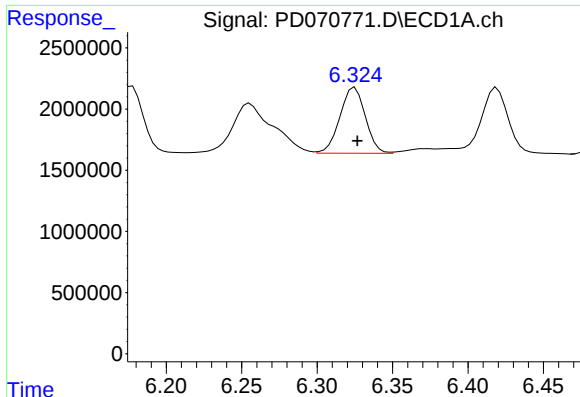
#14 Endrin

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 6635802
Conc: 2.47 ng/ml



#14 Endrin

R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 43048650
Conc: 2.80 ng/ml



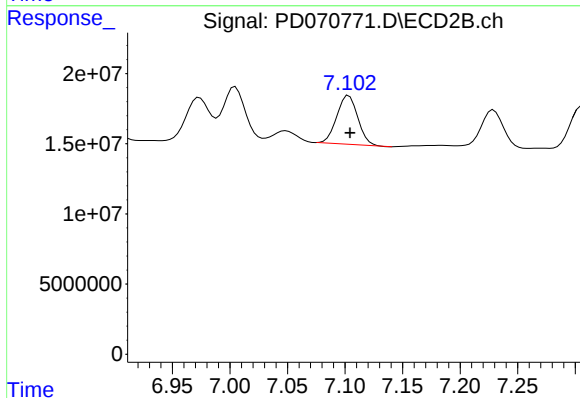
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 6317874
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

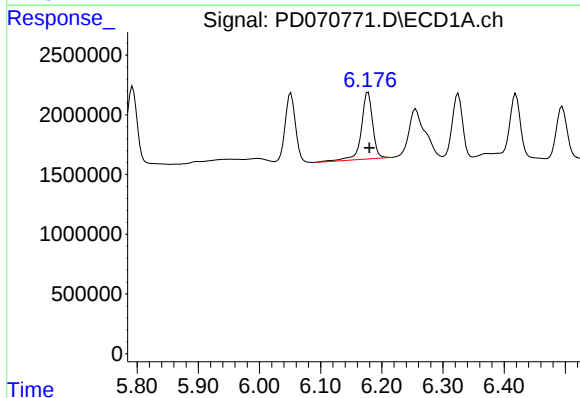
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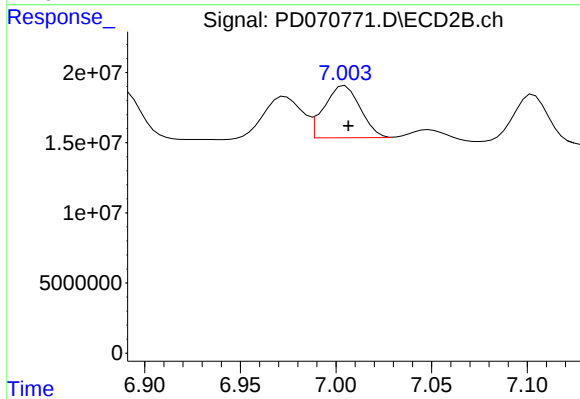
#15 Endosulfan II

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 44308817
Conc: 3.02 ng/ml



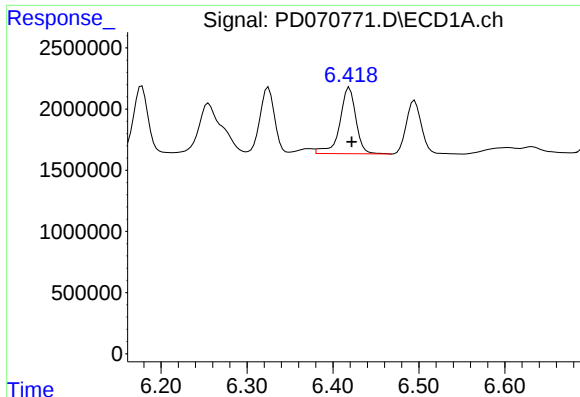
#16 4,4'-DDD

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 7233728
Conc: 2.96 ng/ml



#16 4,4'-DDD

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 47384675
Conc: 3.35 ng/ml m



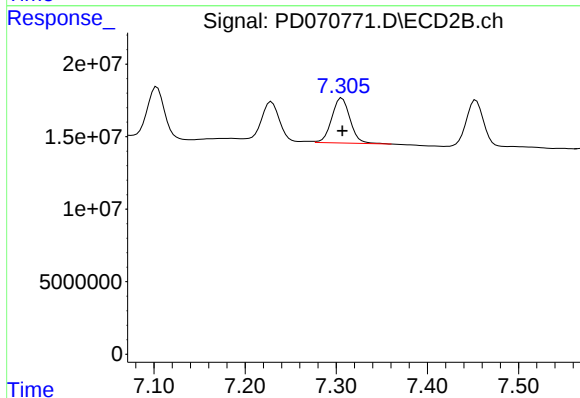
#17 4,4'-DDT

R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 7089454
Conc: 2.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

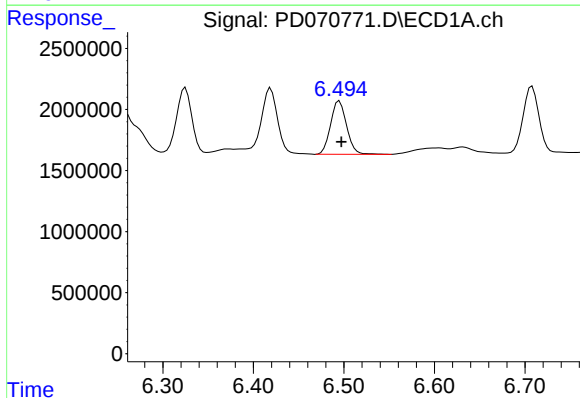
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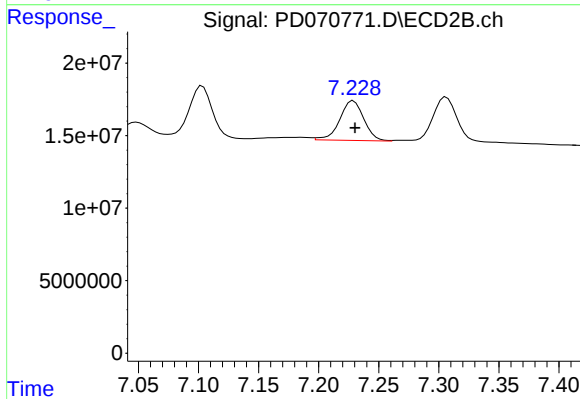
#17 4,4'-DDT

R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 42192939
Conc: 2.77 ng/ml



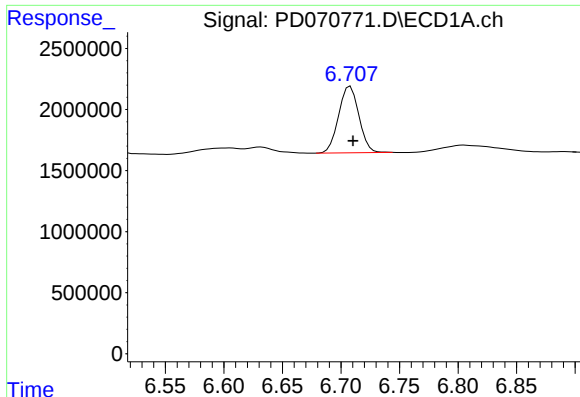
#18 Endrin aldehyde

R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 5394639
Conc: 2.90 ng/ml



#18 Endrin aldehyde

R.T.: 7.229 min
Delta R.T.: -0.001 min
Response: 38165429
Conc: 3.33 ng/ml



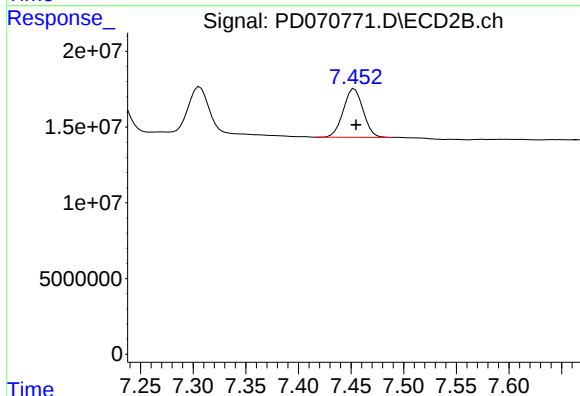
#19 Endosulfan Sulfate

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 6588671
Conc: 2.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

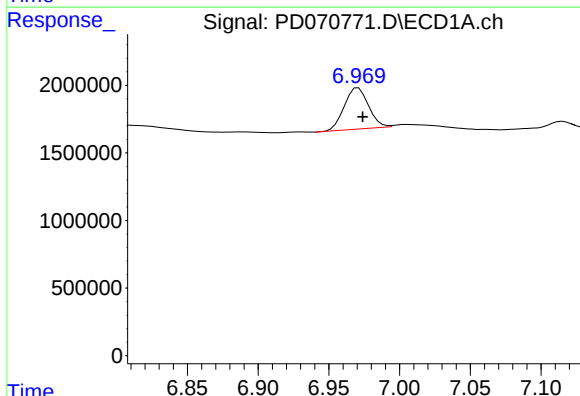
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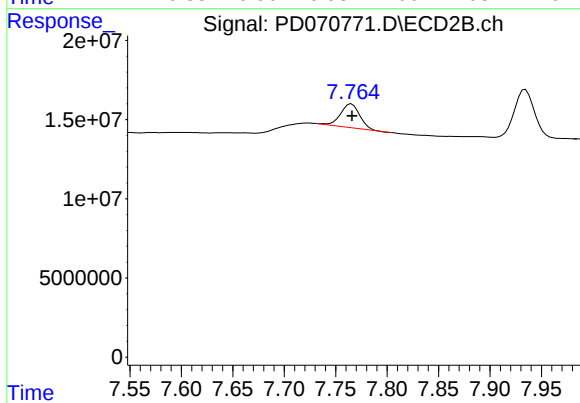
#19 Endosulfan Sulfate

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 41976126
Conc: 3.06 ng/ml



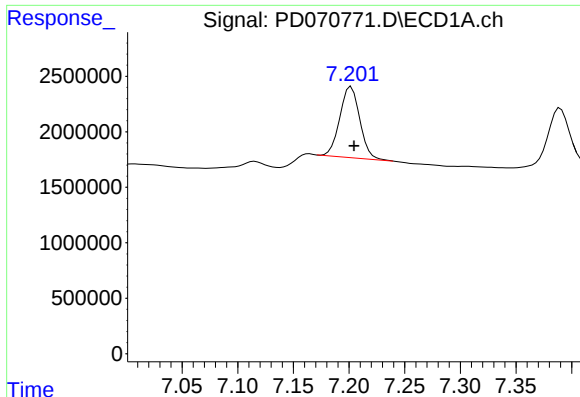
#20 Methoxychlor

R.T.: 6.971 min
Delta R.T.: -0.003 min
Response: 3613202
Conc: 2.53 ng/ml



#20 Methoxychlor

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 18940279
Conc: 2.76 ng/ml



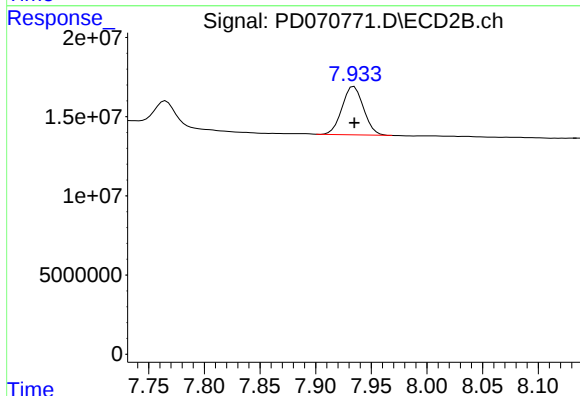
#21 Endrin ketone

R.T.: 7.202 min
Delta R.T.: -0.003 min
Response: 7929204
Conc: 2.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

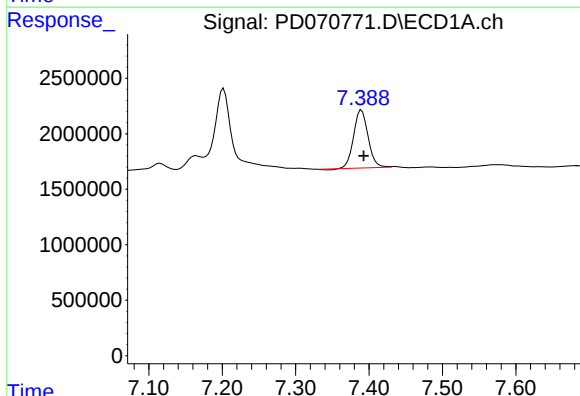
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



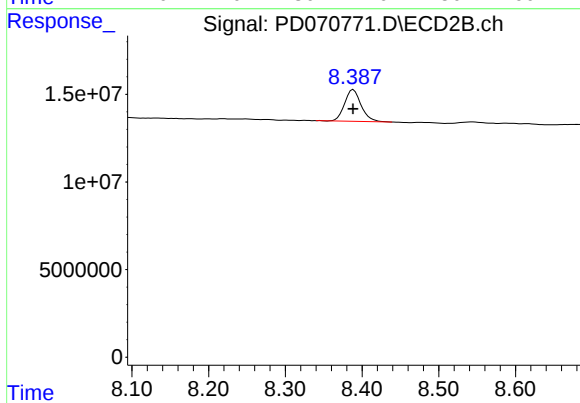
#21 Endrin ketone

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 40906503
Conc: 3.19 ng/ml



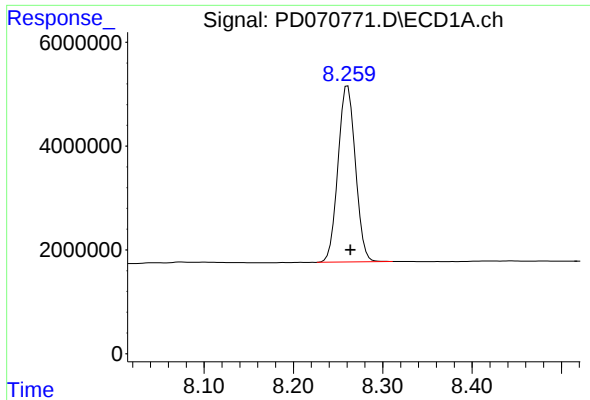
#22 Mirex

R.T.: 7.390 min
Delta R.T.: -0.003 min
Response: 7088109
Conc: 3.24 ng/ml



#22 Mirex

R.T.: 8.389 min
Delta R.T.: 0.000 min
Response: 27096181
Conc: 3.39 ng/ml



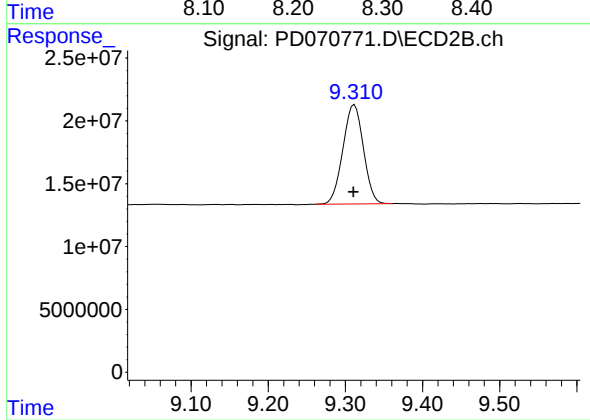
#28 Decachlorobiphenyl

R.T.: 8.261 min
Delta R.T.: -0.003 min
Response: 45887128
Conc: 18.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 07/08/2022



#28 Decachlorobiphenyl

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 145508460
Conc: 17.69 ng/ml