

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 15:49
 Operator : AR\AJ
 Sample : 03514-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CP-5MSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:38:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 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...	3.545	2.764	39192332	17770601	11.962	11.187m
28)	SA Decachlor...	9.085	7.908	39876681	15634888	11.215	12.423
Target Compounds							
2)	A alpha-BHC	4.002	3.267	210.2E6	86205556	36.297	35.778
3)	MA gamma-BHC...	4.335	3.597	188.1E6	78746070	35.936	35.371
4)	MA Heptachlor	4.926	3.937	196.7E6	80084941	35.759	35.257
5)	MB Aldrin	5.269	4.217	189.7E6	80546360	35.487	36.342
6)	B beta-BHC	4.531	3.894	77451046	33188689	36.951	37.320
7)	B delta-BHC	4.780	4.124	184.0E6	77038966	35.792	36.639
8)	B Heptachlo...	5.696	4.719	169.5E6	69920806	35.174	34.974
9)	A Endosulfan I	6.083	5.090	157.8E6	65467743	35.374	34.960
10)	B gamma-Chl...	5.953	4.969	171.1E6	70739442	35.177	35.526
11)	B alpha-Chl...	6.032	5.033	169.3E6	69913152	35.247	35.182
12)	B 4,4'-DDE	6.204	5.223	155.3E6	63757790	36.585	41.480
13)	MA Dieldrin	6.359	5.354	164.8E6	69484379	35.238	35.277
14)	MA Endrin	6.589	5.630	141.8E6	63228642	35.626	35.822
15)	B Endosulfa...	6.809	5.924	131.7E6	56569852	35.456	36.457
16)	A 4,4'-DDD	6.723	5.777	128.2E6	52103774	38.164	43.111
17)	MA 4,4'-DDT	7.037	6.029	130.0E6	52192285	36.987	43.124
18)	B Endrin al...	6.937	6.104	103.0E6	44718266	37.570m	39.129
19)	B Endosulfa...	7.174	6.326	131.5E6	57159586	35.590	37.619
20)	A Methoxychlor	7.513	6.604	71240457	28509485	37.274	44.643
21)	B Endrin ke...	7.661	6.833	151.3E6	63813158	36.247	36.509
22)	Mirex	8.136	7.015	107.9E6	49856156	34.158	33.635

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
Data File : PD076374.D
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Acq On : 06 Jul 2023 15:49
Operator : AR\AJ
Sample : 03514-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

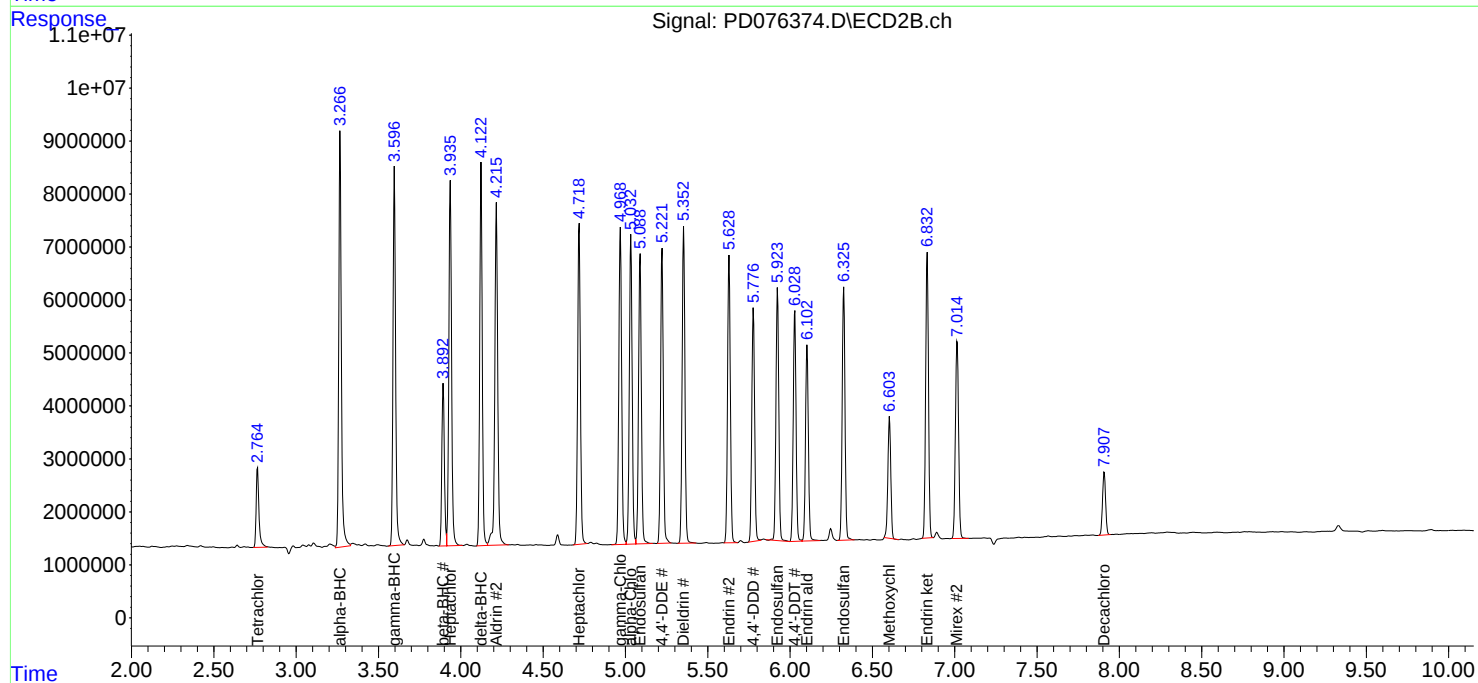
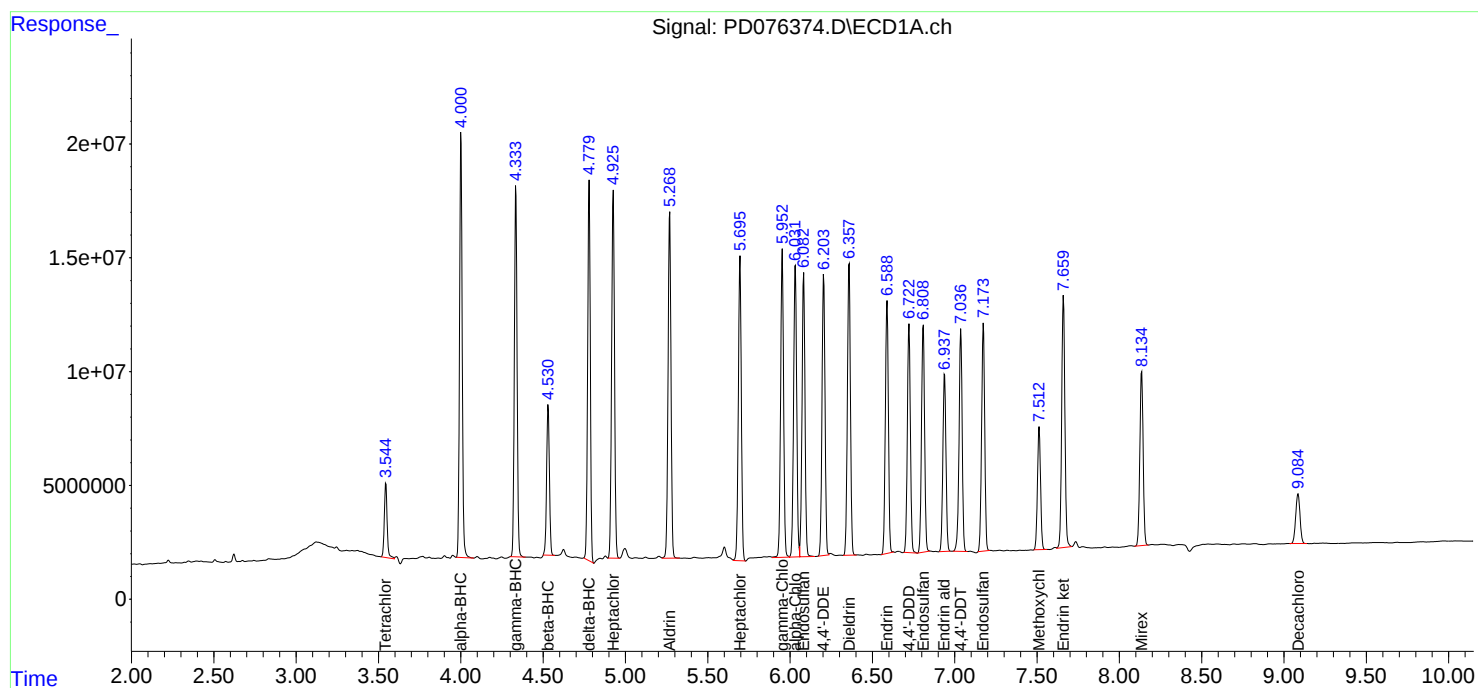
Instrument :
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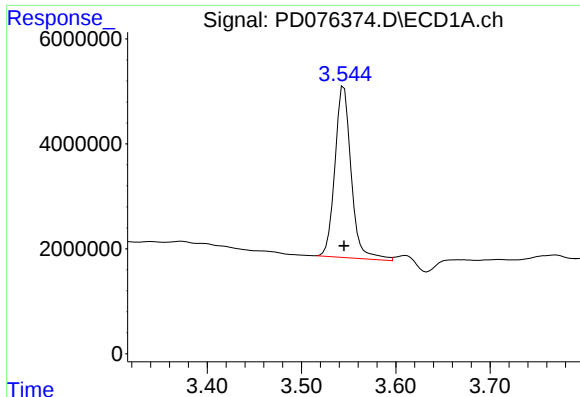
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:38:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 2023
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Volume Inj. : 2 µl
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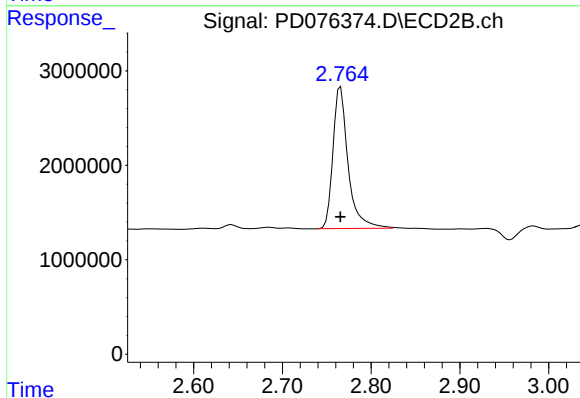
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 39192332
Conc: 11.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
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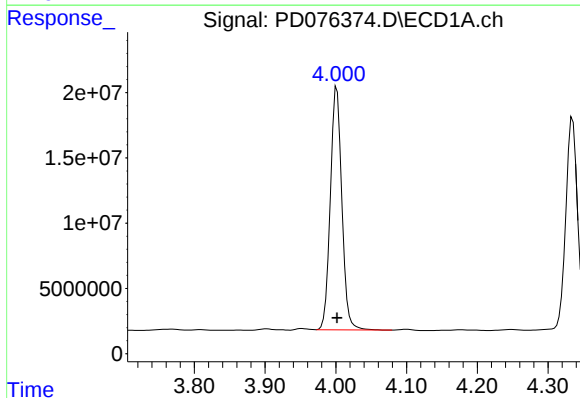
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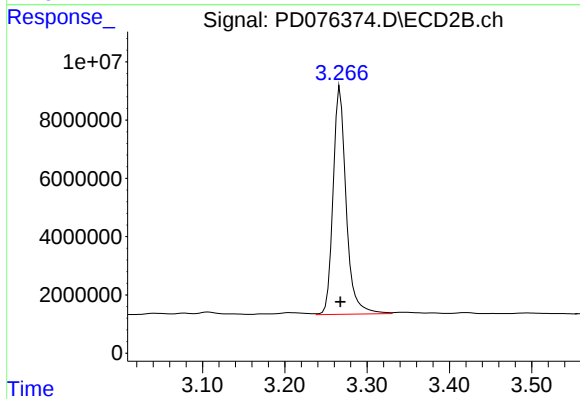
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.001 min
Response: 17770601
Conc: 11.19 ng/ml m



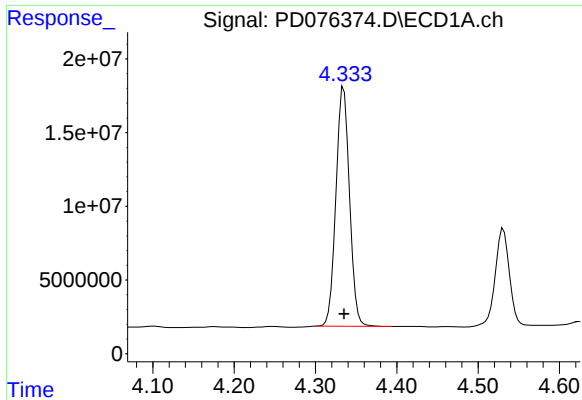
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 210230786
Conc: 36.30 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 86205556
Conc: 35.78 ng/ml



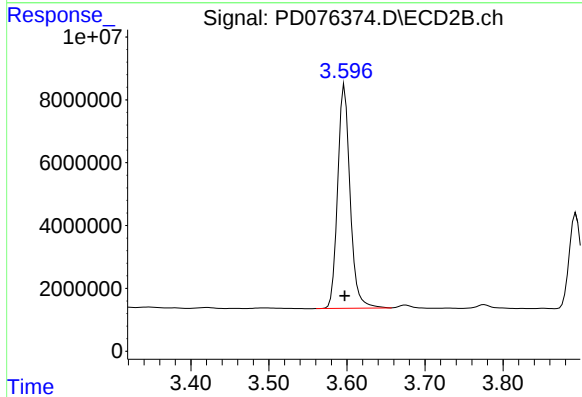
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 188143368
Conc: 35.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MSD

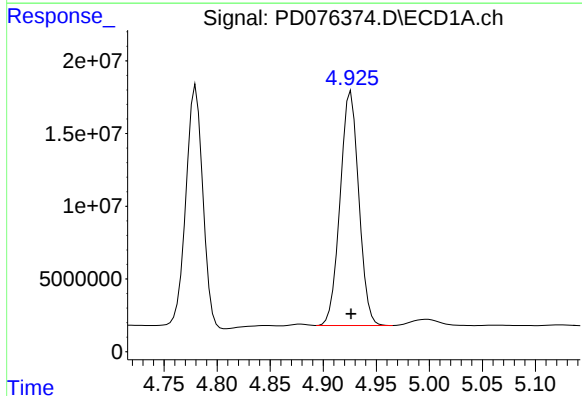
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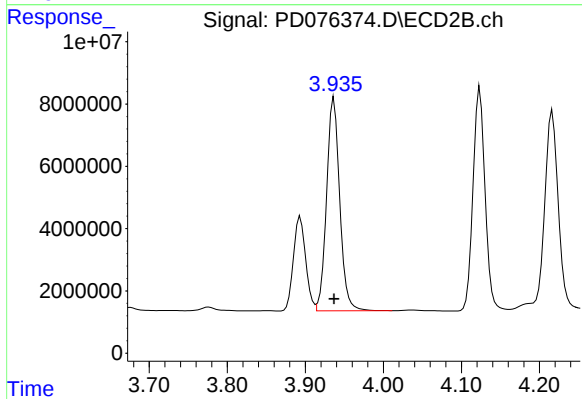
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 78746070
Conc: 35.37 ng/ml



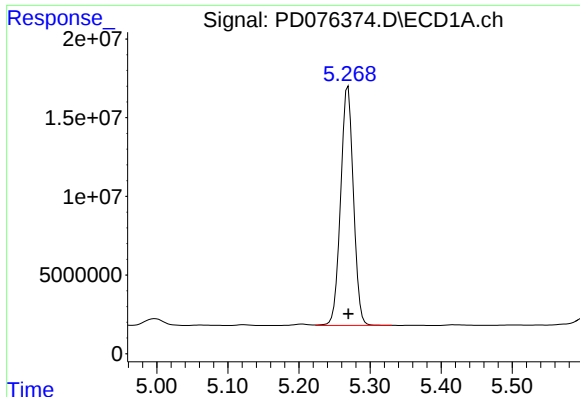
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 196675761
Conc: 35.76 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 80084941
Conc: 35.26 ng/ml



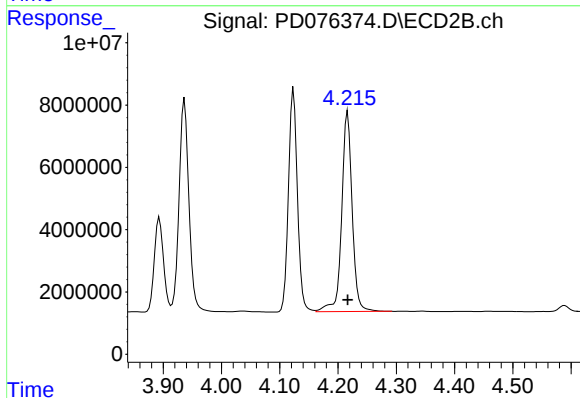
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 189725471
Conc: 35.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MSD

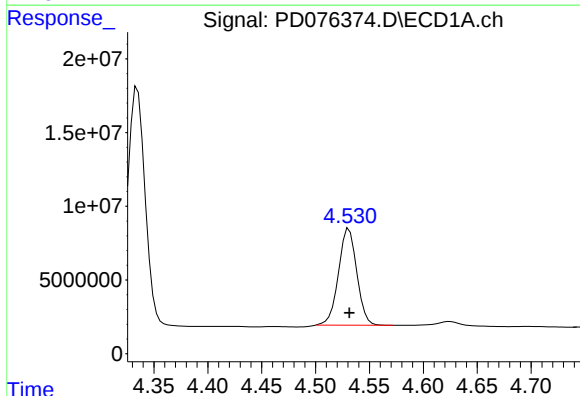
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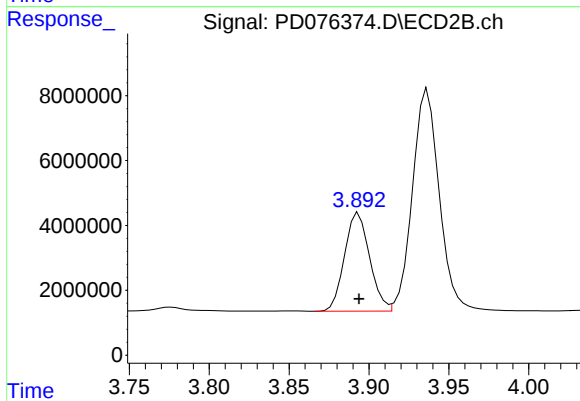
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 80546360
Conc: 36.34 ng/ml



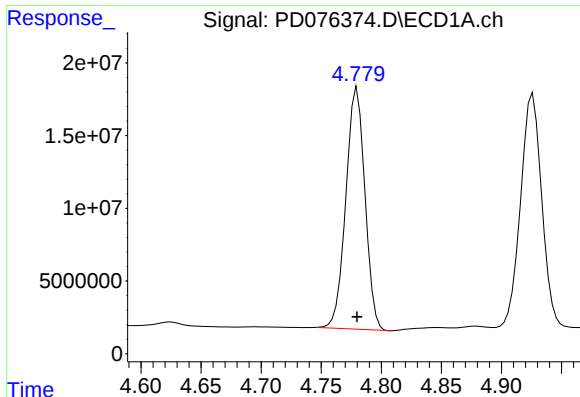
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 77451046
Conc: 36.95 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 33188689
Conc: 37.32 ng/ml



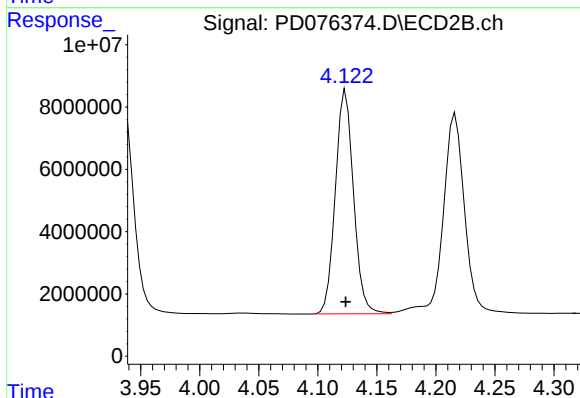
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 183961913
Conc: 35.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MSD

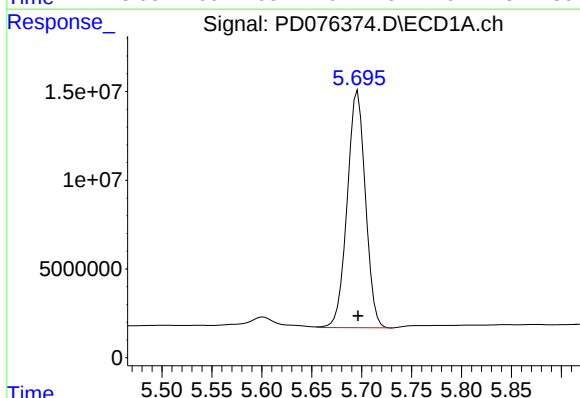
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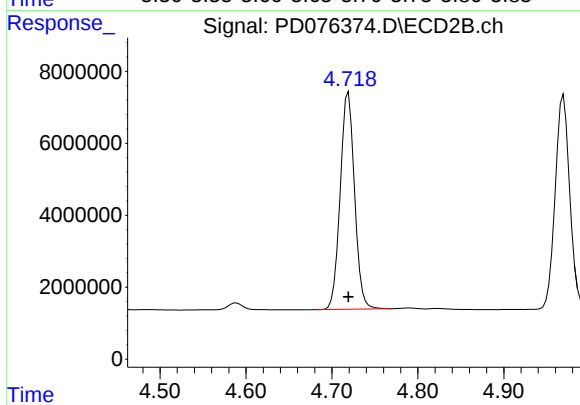
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 77038966
Conc: 36.64 ng/ml



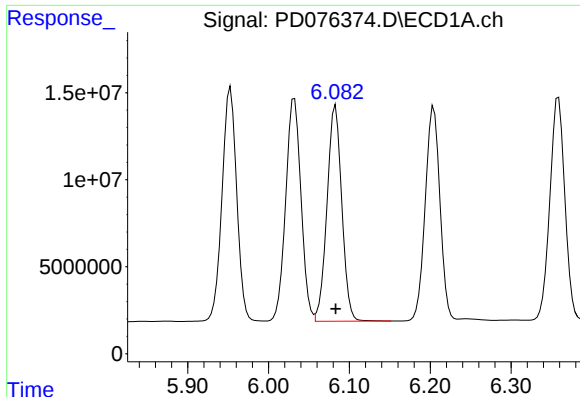
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 169477017
Conc: 35.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 69920806
Conc: 34.97 ng/ml



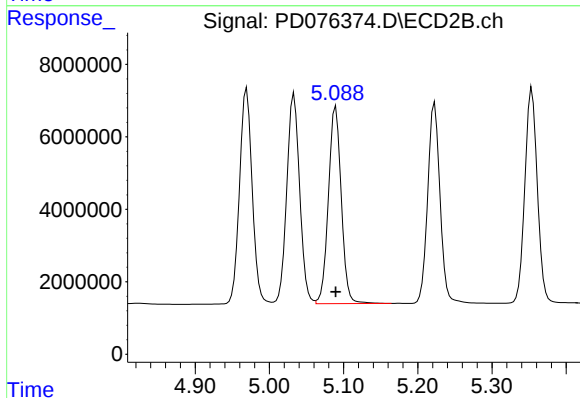
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 157801045
Conc: 35.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MSD

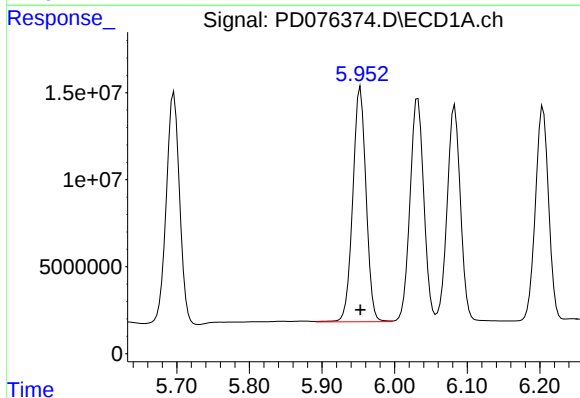
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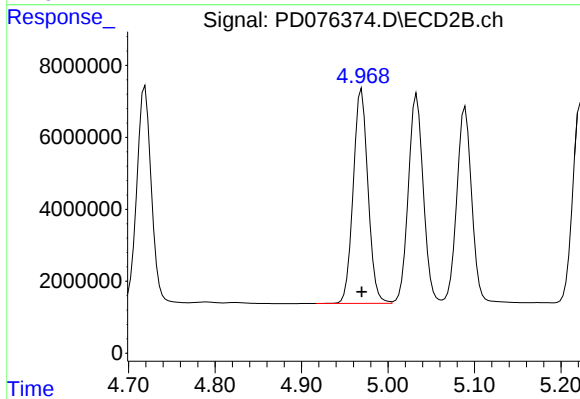
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 65467743
Conc: 34.96 ng/ml



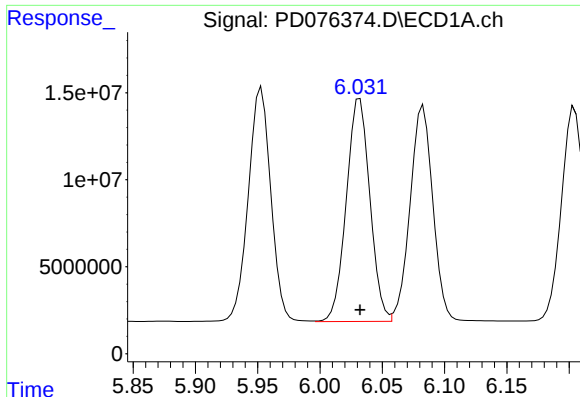
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 171066323
Conc: 35.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 70739442
Conc: 35.53 ng/ml



#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 169333776
Conc: 35.25 ng/ml

Instrument :

ECD_D

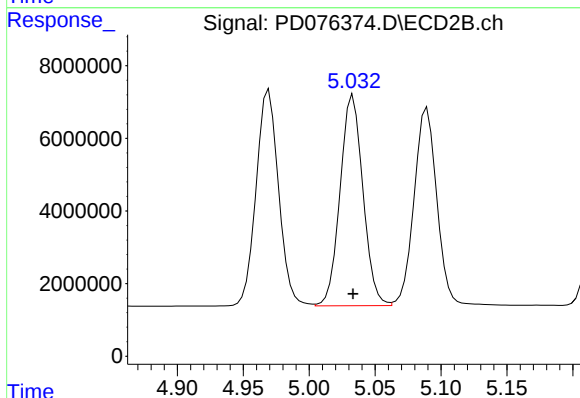
ClientSampleId :

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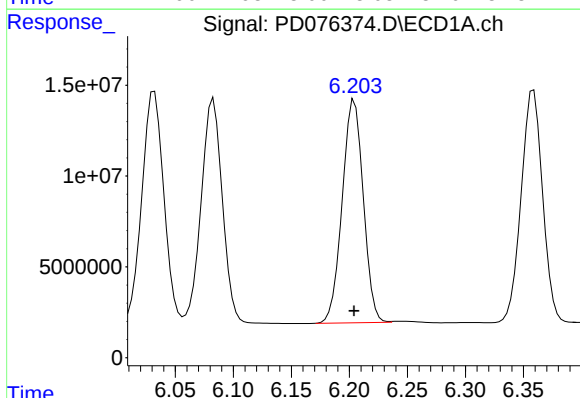
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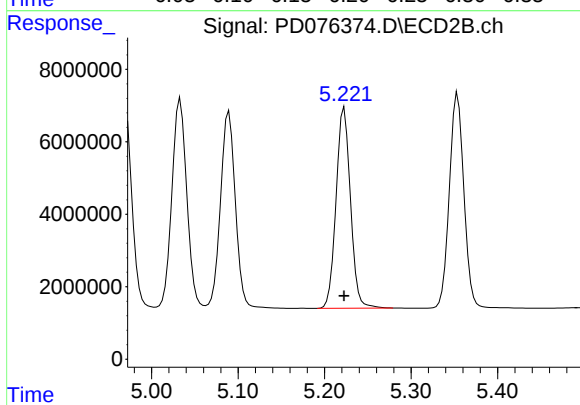
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 69913152
Conc: 35.18 ng/ml



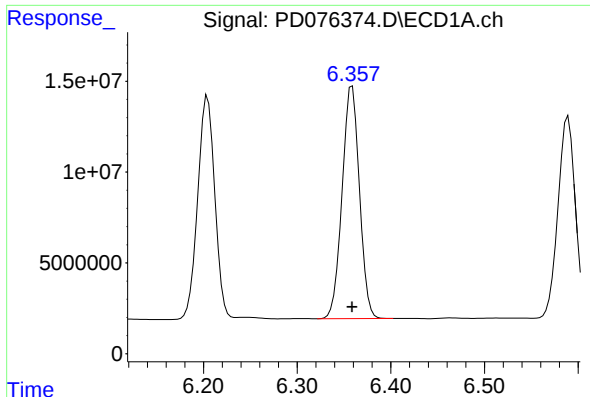
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 155297857
Conc: 36.59 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 63757790
Conc: 41.48 ng/ml



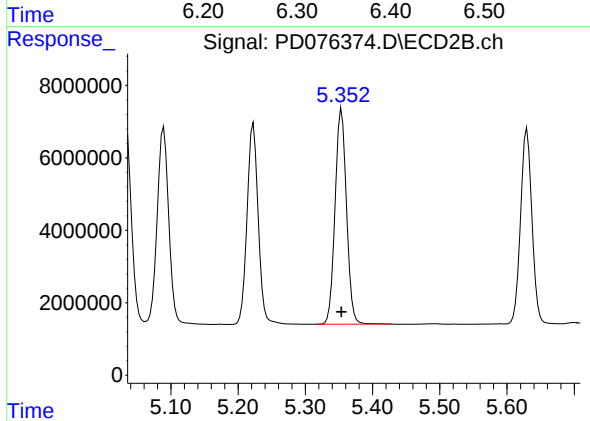
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 164848578
Conc: 35.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
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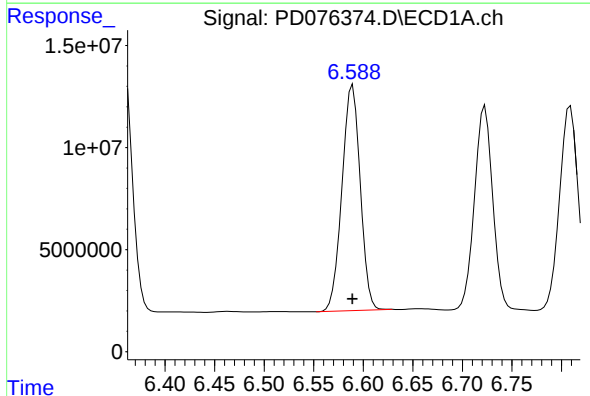
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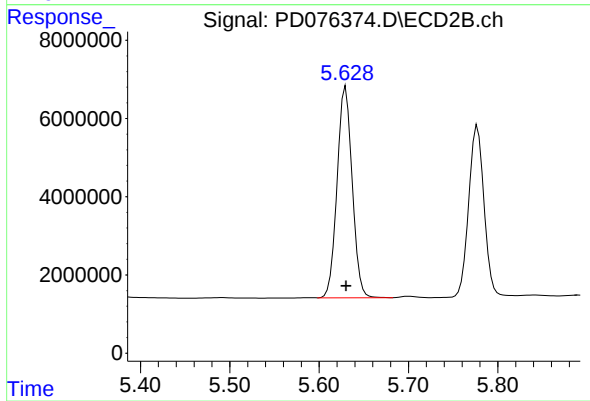
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 69484379
Conc: 35.28 ng/ml



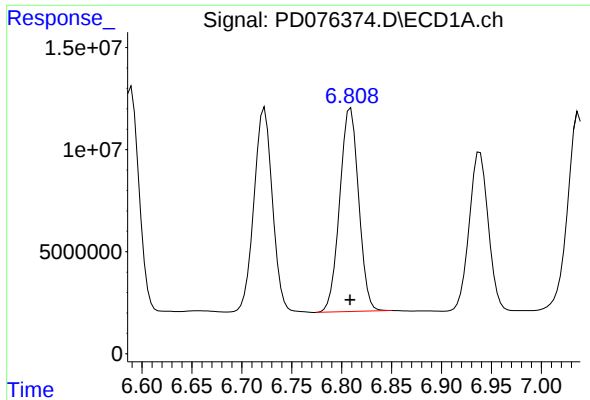
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 141837850
Conc: 35.63 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 63228642
Conc: 35.82 ng/ml



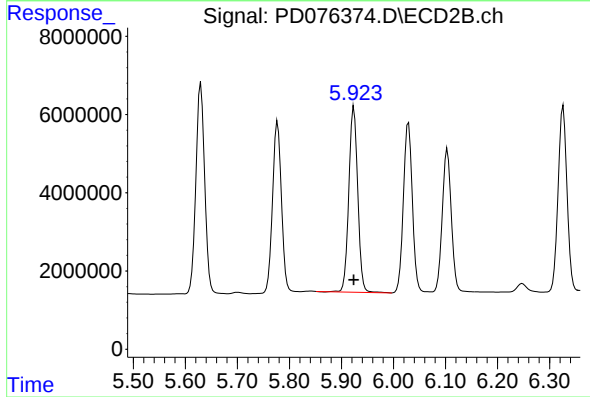
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 131669170
Conc: 35.46 ng/ml

Instrument :
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ClientSampleId :
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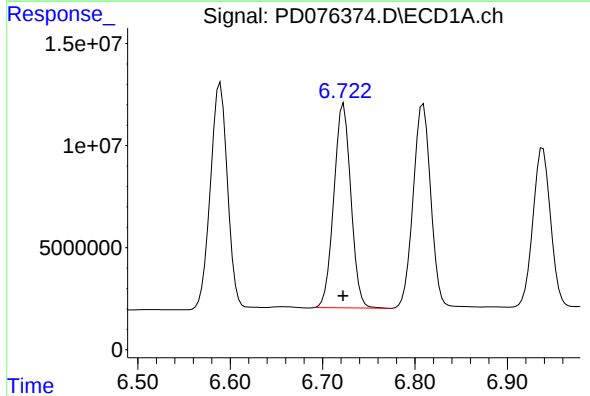
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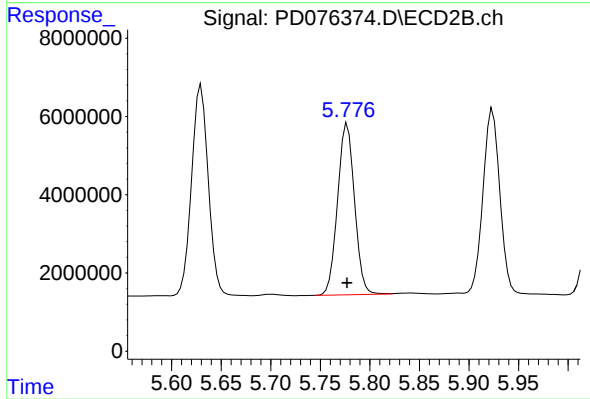
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 56569852
Conc: 36.46 ng/ml



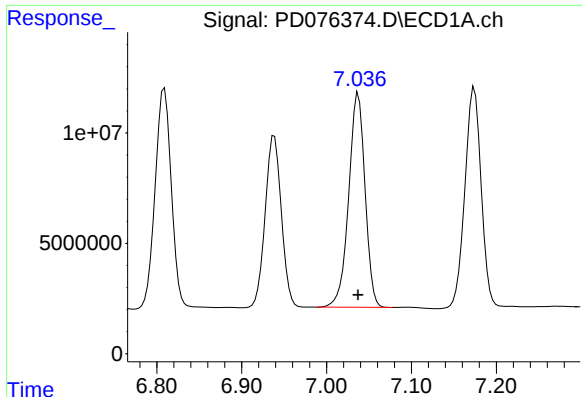
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 128218348
Conc: 38.16 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 52103774
Conc: 43.11 ng/ml



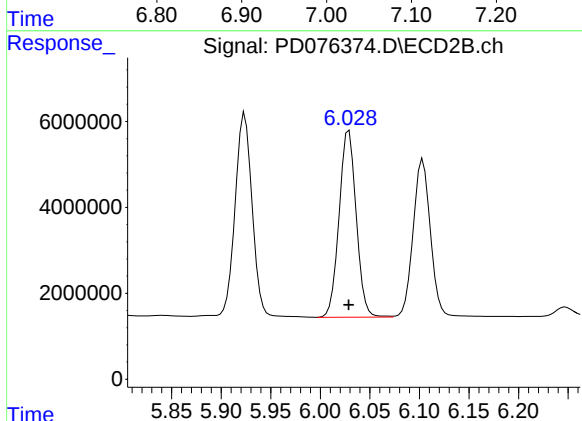
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 130045650
Conc: 36.99 ng/ml

Instrument :
ECD_D
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#17 4,4'-DDT

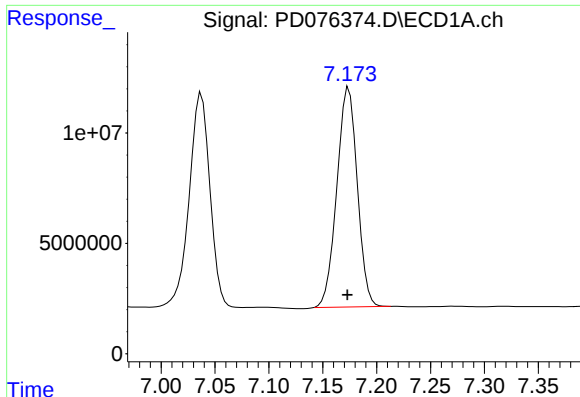
R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 52192285
Conc: 43.12 ng/ml

#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.001 min
Response: 102977331
Conc: 37.57 ng/ml m

#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 44718266
Conc: 39.13 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.001 min
Response: 131498093
Conc: 35.59 ng/ml

Instrument :

ECD_D

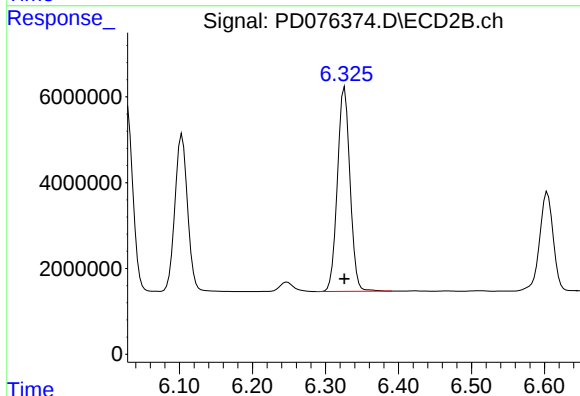
ClientSampleId :

CP-5MSD

Manual Integrations

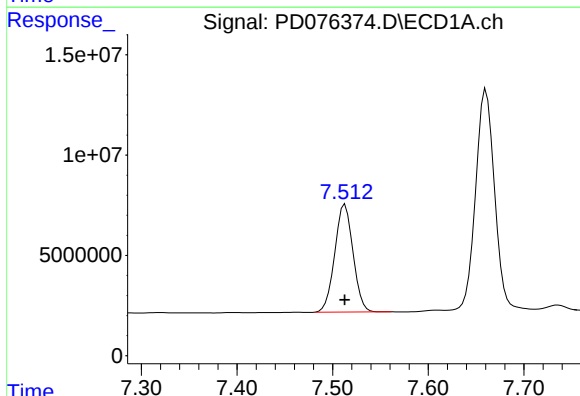
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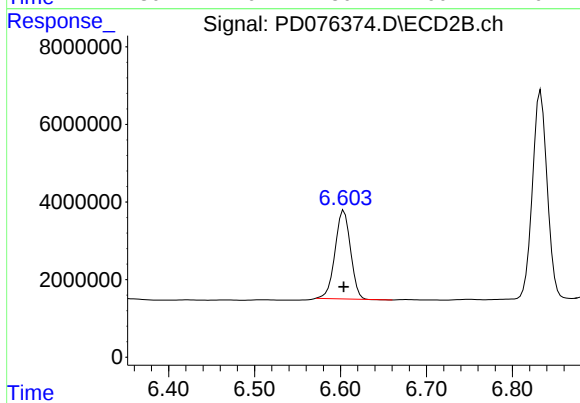
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 57159586
Conc: 37.62 ng/ml



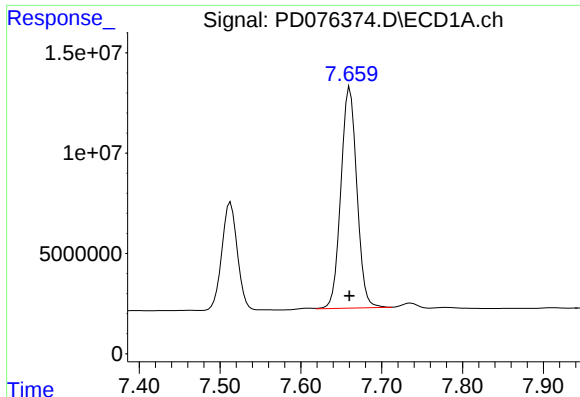
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 71240457
Conc: 37.27 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 28509485
Conc: 44.64 ng/ml



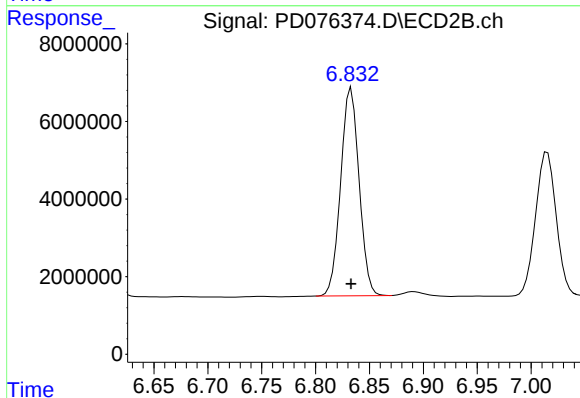
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 151322636
Conc: 36.25 ng/ml

Instrument :
ECD_D
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CP-5MSD

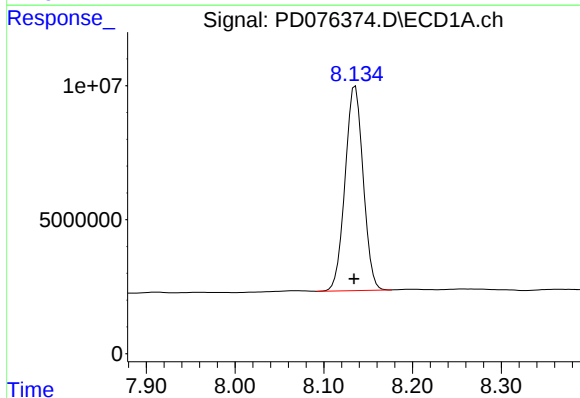
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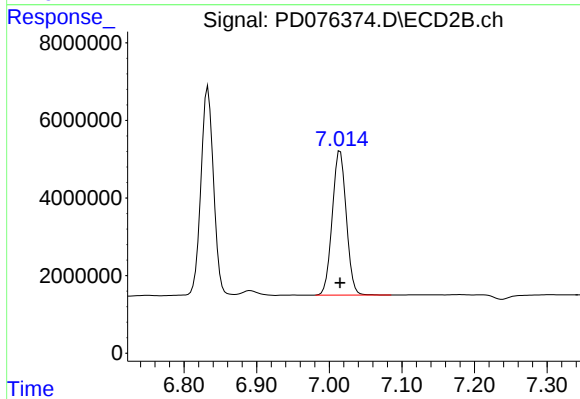
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 63813158
Conc: 36.51 ng/ml



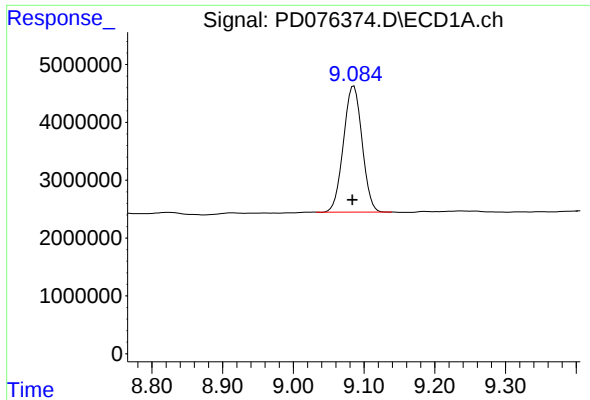
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 107933026
Conc: 34.16 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 49856156
Conc: 33.64 ng/ml



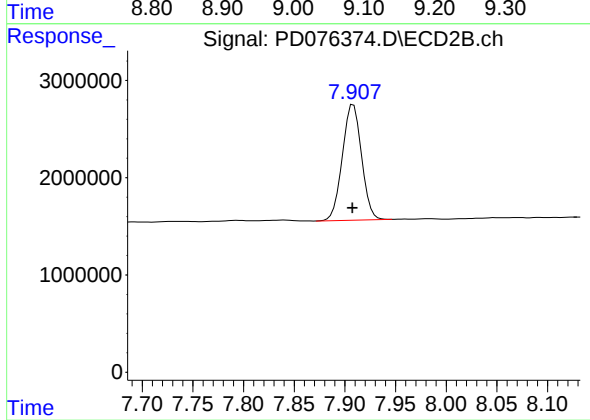
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 39876681
Conc: 11.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 15634888
Conc: 12.42 ng/ml