

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 15:36
 Operator : AR\AJ
 Sample : 03514-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CP-5MS

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 21:37:37 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...	3.546	2.765	38770568	17651906	11.833	11.112m
28)	SA Decachlor...	9.085	7.908	40347578	15796394	11.348	12.552
Target Compounds							
2)	A alpha-BHC	4.002	3.268	211.7E6	86340995	36.547	35.835
3)	MA gamma-BHC...	4.335	3.597	189.8E6	78744916	36.246	35.370
4)	MA Heptachlor	4.926	3.937	198.2E6	79858140	36.043	35.157
5)	MB Aldrin	5.269	4.217	191.8E6	80263485	35.871	36.215
6)	B beta-BHC	4.532	3.894	77532556	33008003	36.990	37.117
7)	B delta-BHC	4.780	4.124	184.8E6	76677149	35.955	36.467
8)	B Heptachlo...	5.696	4.719	171.0E6	69661781	35.484	34.844
9)	A Endosulfan I	6.083	5.090	158.7E6	65209250	35.585	34.822
10)	B gamma-Chl...	5.953	4.970	173.0E6	70531894	35.570	35.422
11)	B alpha-Chl...	6.032	5.033	170.6E6	69694686	35.501	35.072
12)	B 4,4'-DDE	6.205	5.223	156.0E6	63295746	36.755	41.180
13)	MA Dieldrin	6.359	5.354	166.3E6	69185649	35.541	35.125
14)	MA Endrin	6.589	5.630	142.2E6	62955593	35.723	35.667
15)	B Endosulfa...	6.808	5.924	131.9E6	56344078	35.527	36.311
16)	A 4,4'-DDD	6.723	5.777	128.6E6	51725713	38.285	42.798
17)	MA 4,4'-DDT	7.038	6.028	130.6E6	51912232	37.149	42.893
18)	B Endrin al...	6.937	6.103	103.8E6	44714113	37.888m	39.126
19)	B Endosulfa...	7.173	6.326	133.4E6	56879112	36.095	37.435
20)	A Methoxychlor	7.513	6.604	71653122	28603710	37.490	44.791
21)	B Endrin ke...	7.660	6.833	154.0E6	63661789	36.880	36.423
22)	Mirex	8.136	7.014	108.6E6	49914170	34.366	33.674

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
Data File : PD076373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 15:36
Operator : AR\AJ
Sample : 03514-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

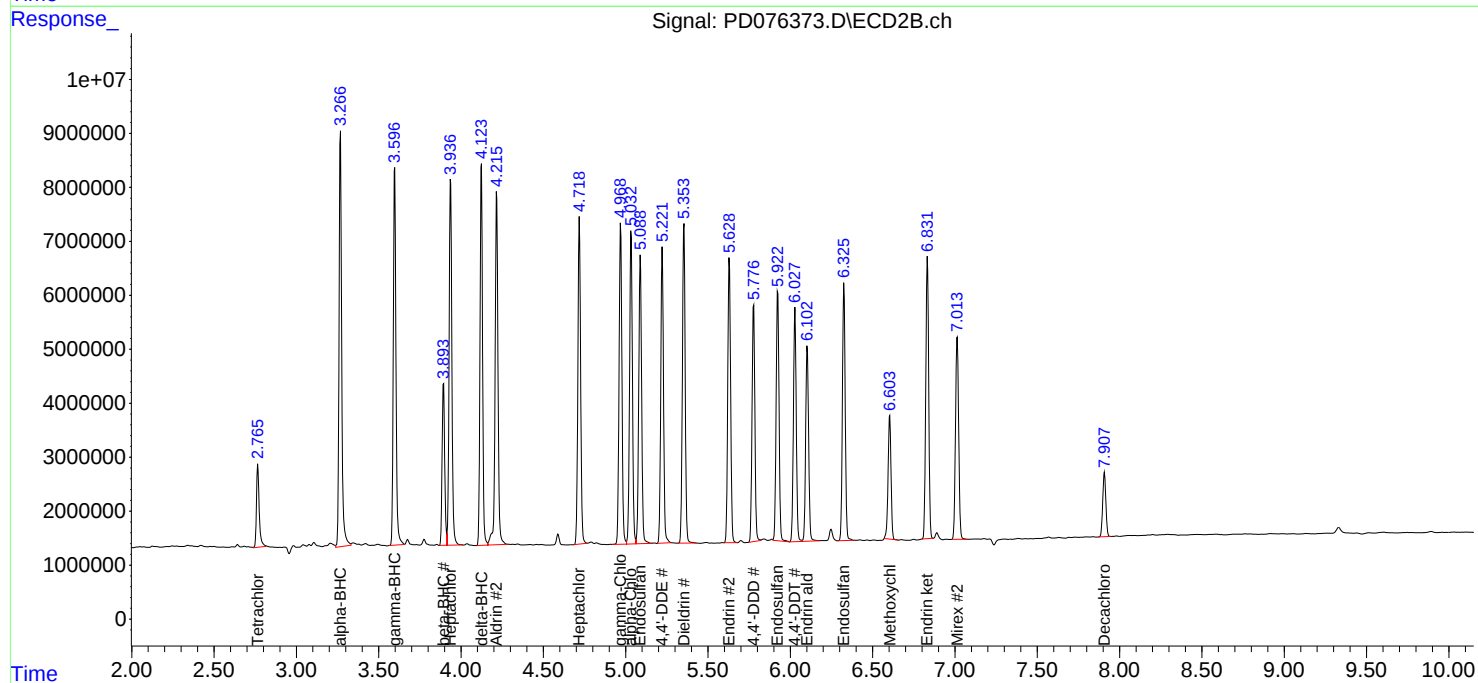
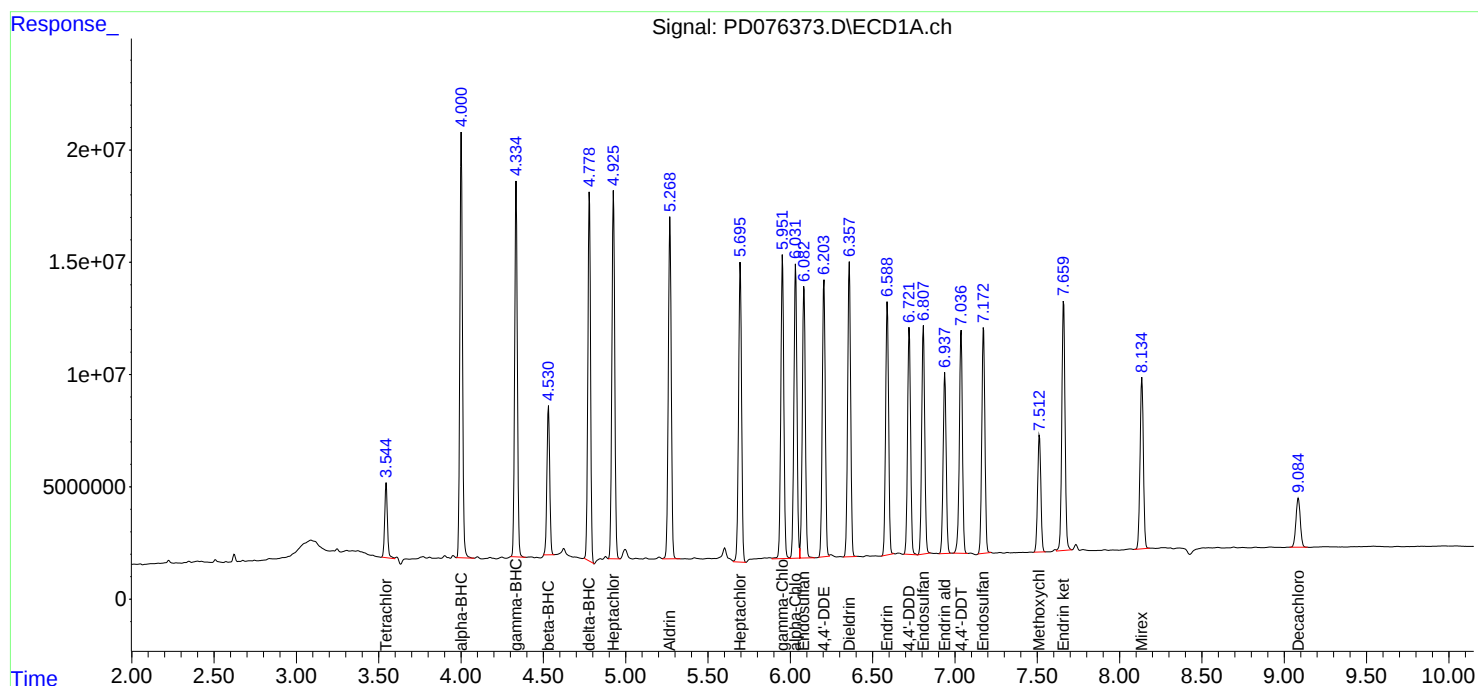
Instrument :
ECD_D
ClientSampleId :
CP-5MS

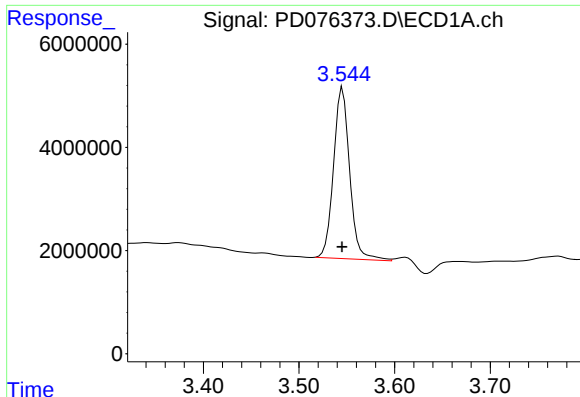
Manual Integrations
APPROVED

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 21:37:37 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
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





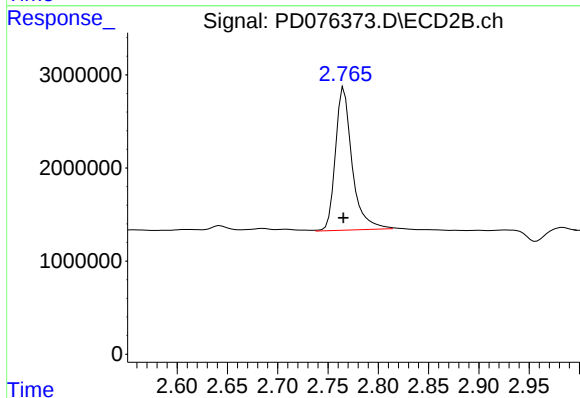
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 38770568
Conc: 11.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

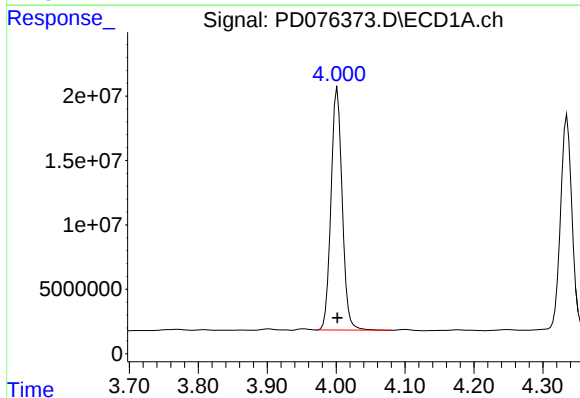
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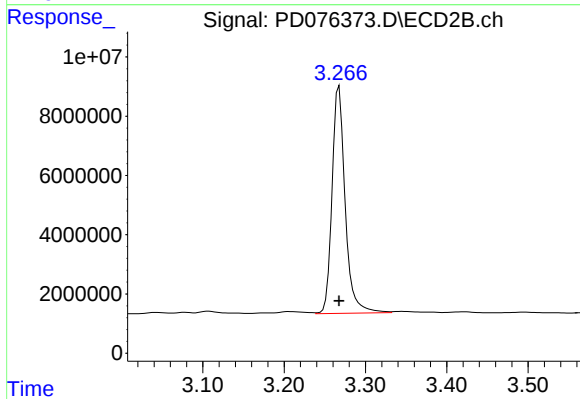
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 17651906
Conc: 11.11 ng/ml m



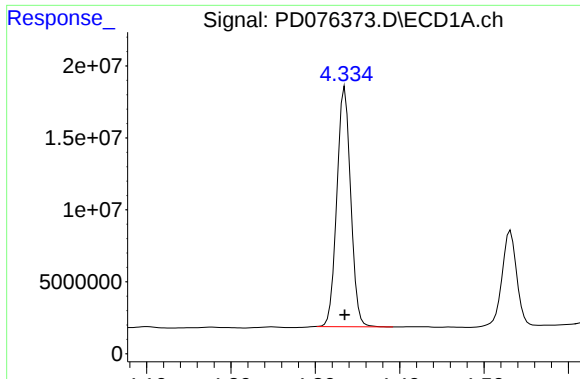
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 211680242
Conc: 36.55 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 86340995
Conc: 35.83 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 189765559
Conc: 36.25 ng/ml

Instrument :

ECD_D

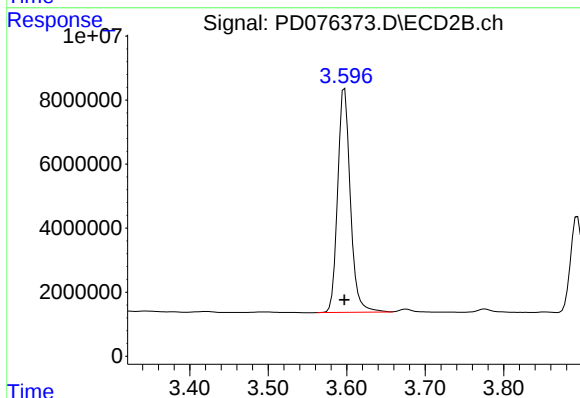
ClientSampleId :

CP-5MS

Manual Integrations

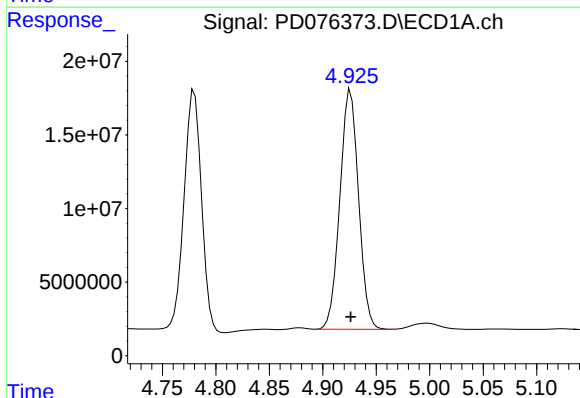
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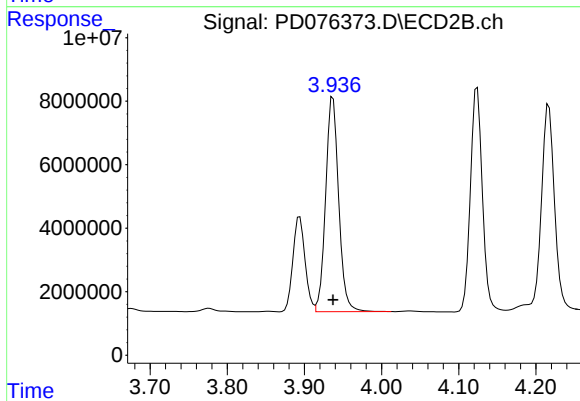
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 78744916
Conc: 35.37 ng/ml



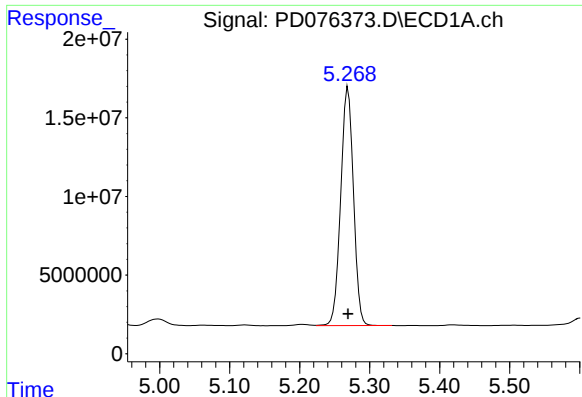
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 198239700
Conc: 36.04 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 79858140
Conc: 35.16 ng/ml



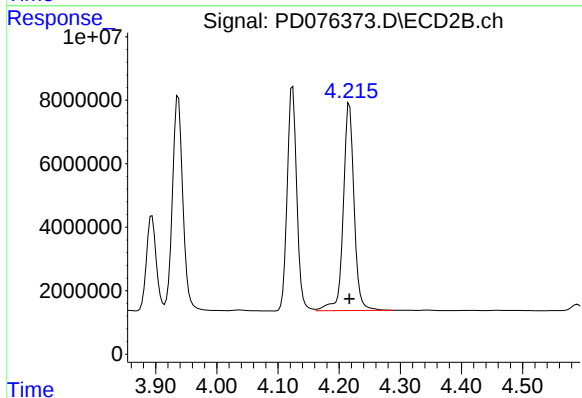
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 191777760
Conc: 35.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

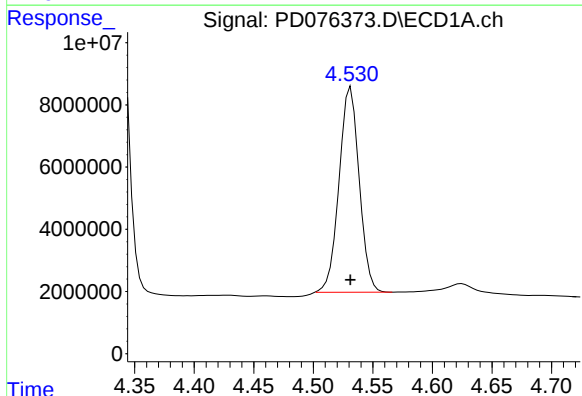
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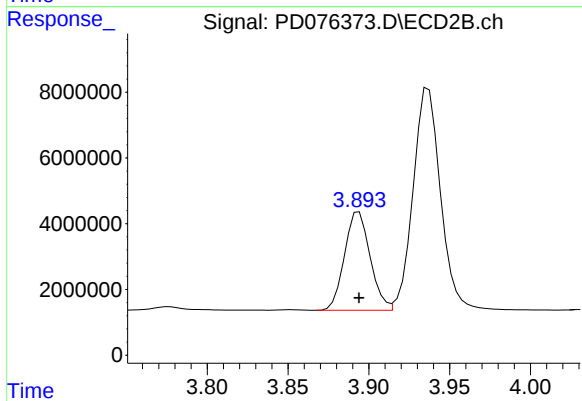
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 80263485
Conc: 36.21 ng/ml



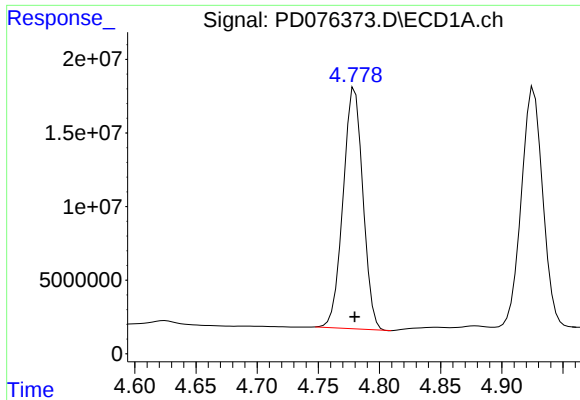
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 77532556
Conc: 36.99 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 33008003
Conc: 37.12 ng/ml



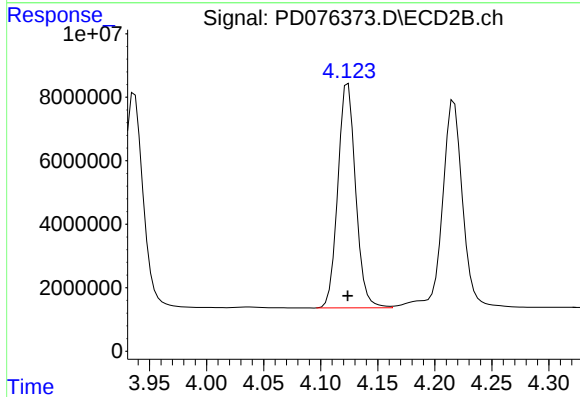
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 184797531
Conc: 35.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

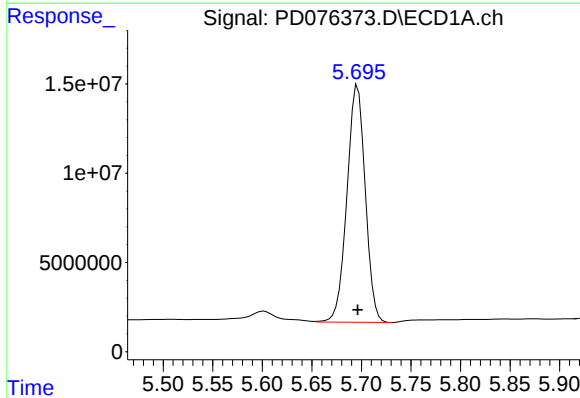
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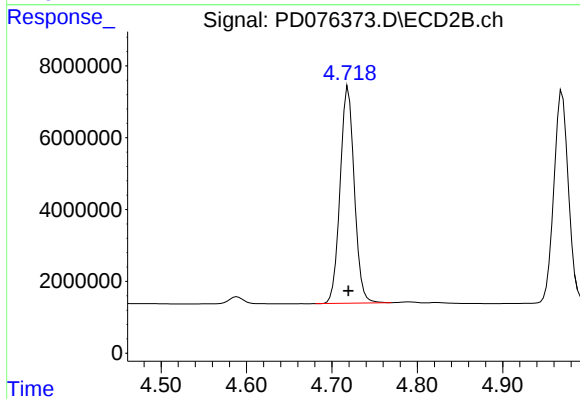
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 76677149
Conc: 36.47 ng/ml



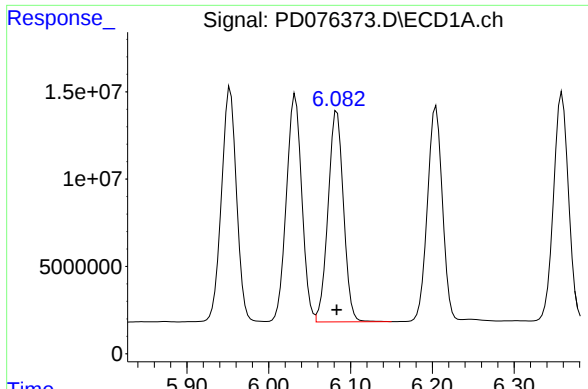
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 170970898
Conc: 35.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 69661781
Conc: 34.84 ng/ml



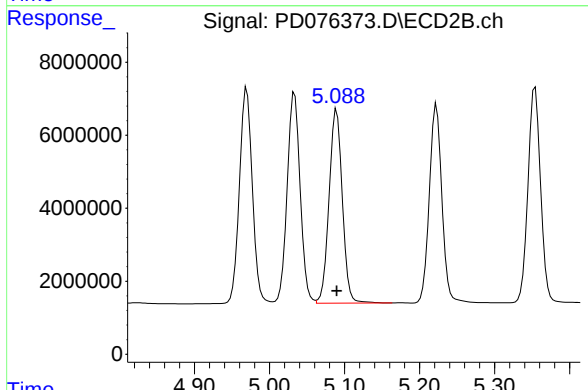
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 158744389
Conc: 35.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

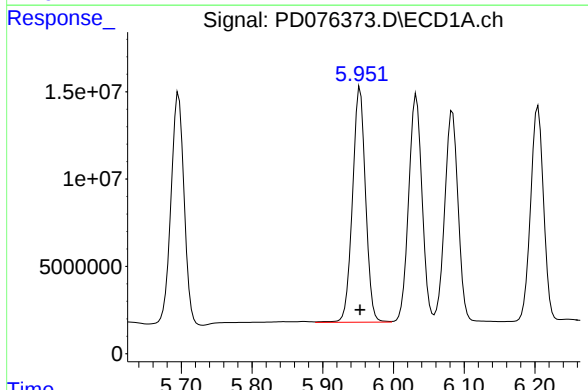
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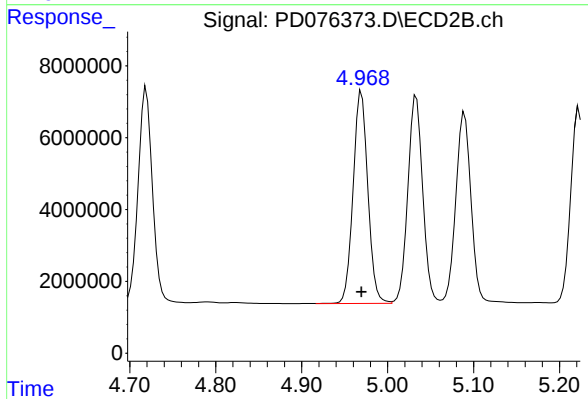
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 65209250
Conc: 34.82 ng/ml



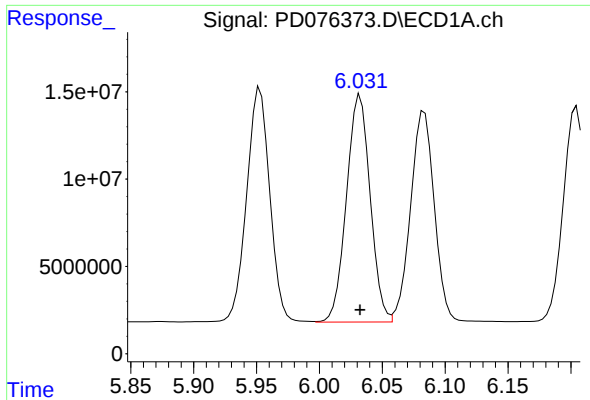
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 172978424
Conc: 35.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 70531894
Conc: 35.42 ng/ml



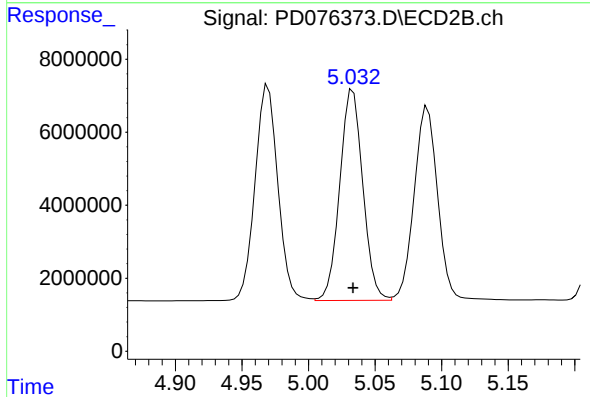
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 170554243
Conc: 35.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

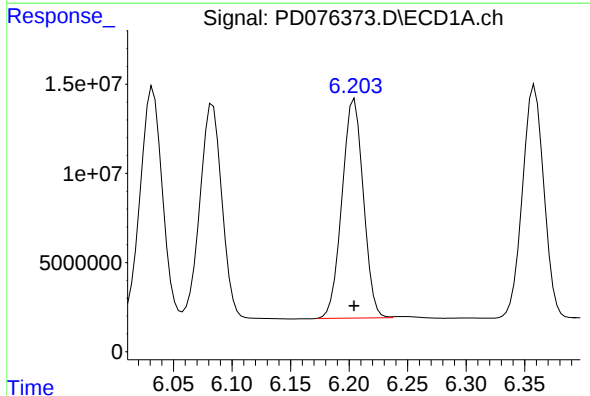
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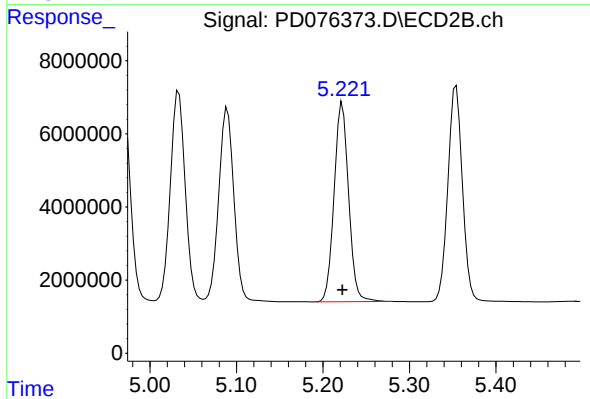
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 69694686
Conc: 35.07 ng/ml



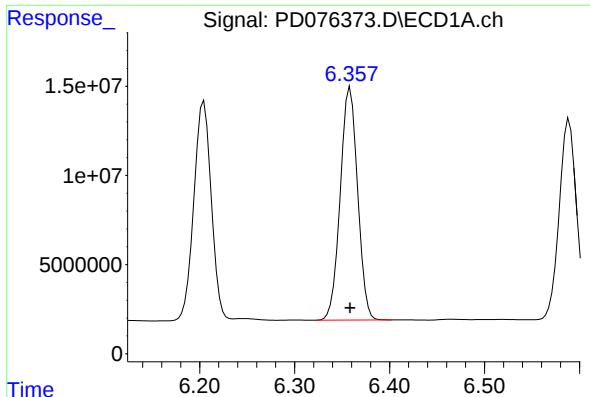
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 156019391
Conc: 36.76 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 63295746
Conc: 41.18 ng/ml



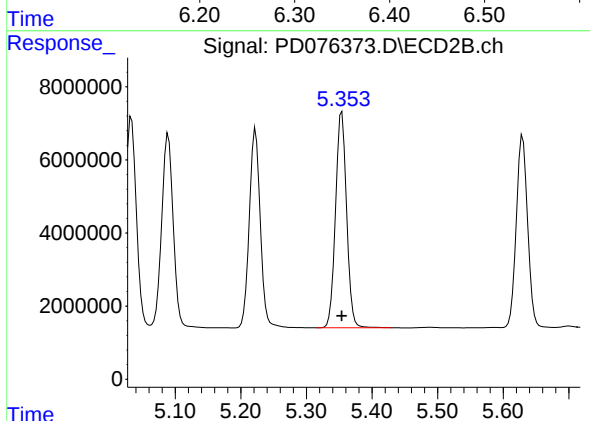
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 166264404
Conc: 35.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

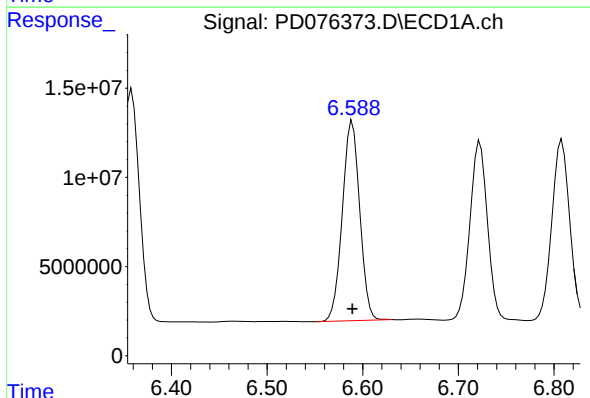
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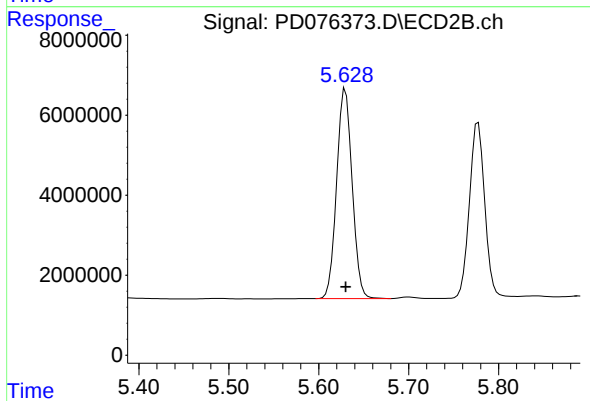
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 69185649
Conc: 35.13 ng/ml



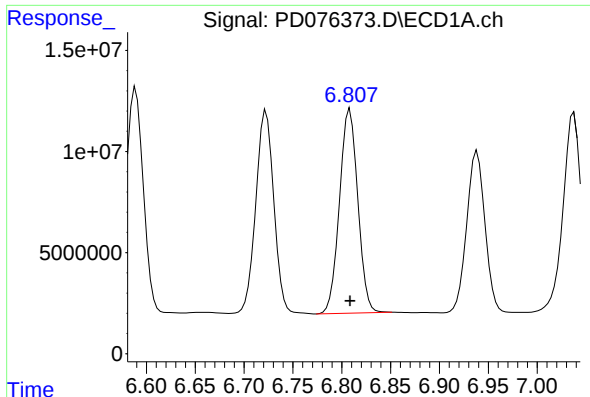
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 142226987
Conc: 35.72 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 62955593
Conc: 35.67 ng/ml



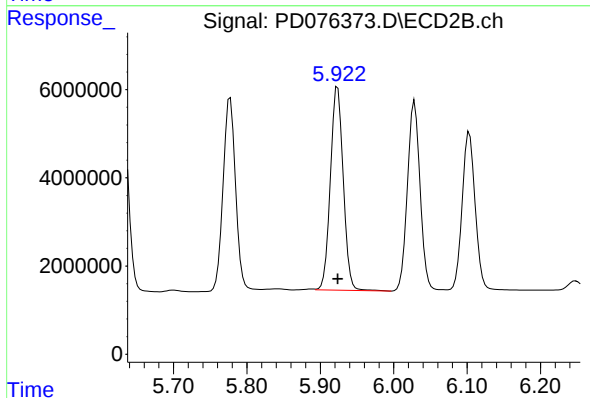
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 131931105
Conc: 35.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

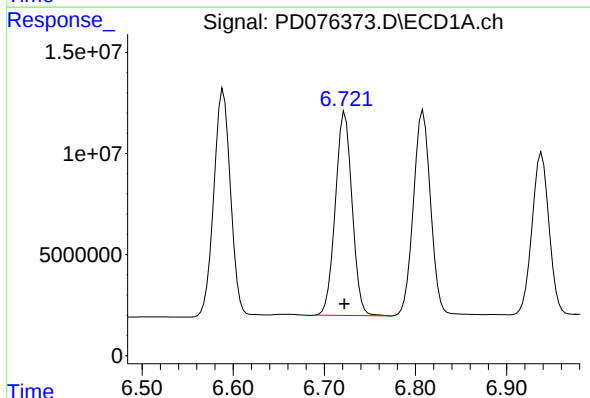
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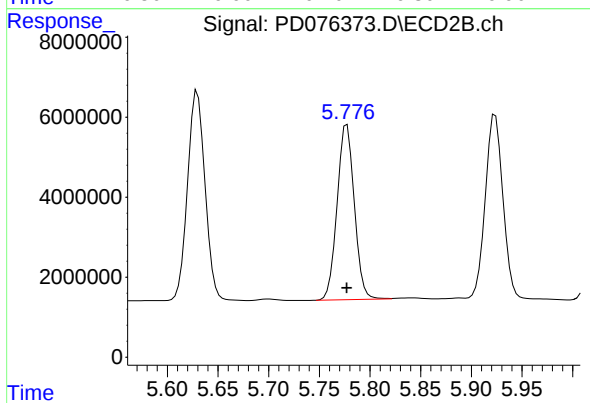
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 56344078
Conc: 36.31 ng/ml



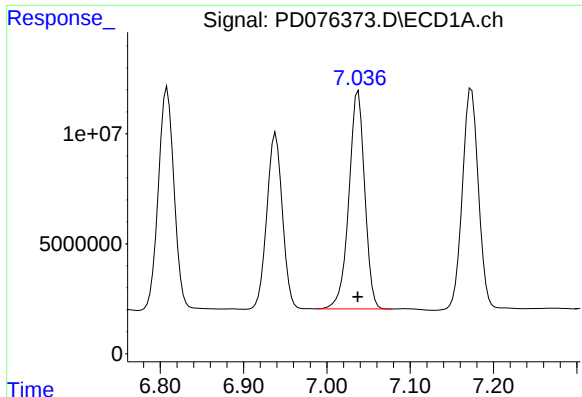
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 128622015
Conc: 38.28 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 51725713
Conc: 42.80 ng/ml



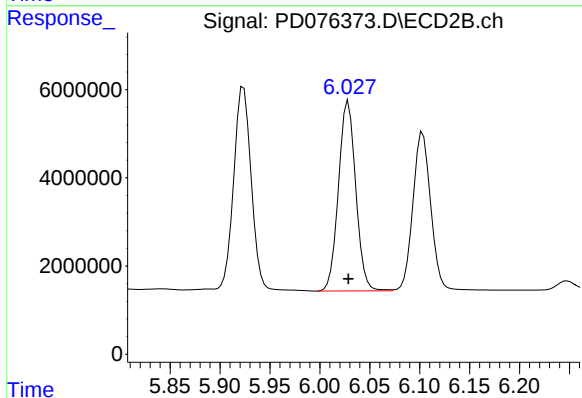
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 130616259
Conc: 37.15 ng/ml

Instrument :
ECD_D
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#17 4,4'-DDT

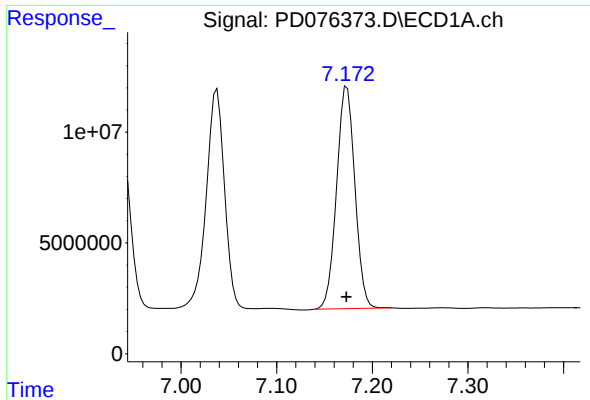
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 51912232
Conc: 42.89 ng/ml

#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.001 min
Response: 103848003
Conc: 37.89 ng/ml m

#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 44714113
Conc: 39.13 ng/ml



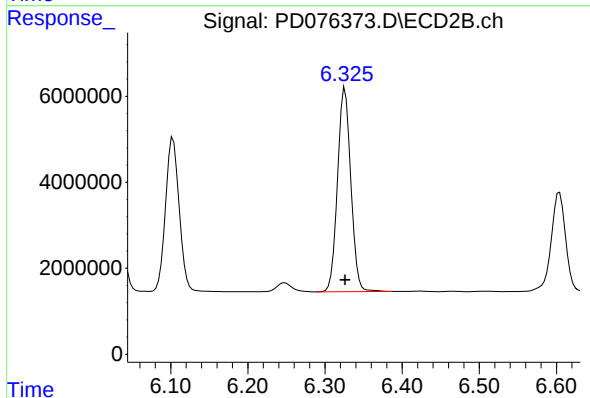
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 133365840
Conc: 36.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

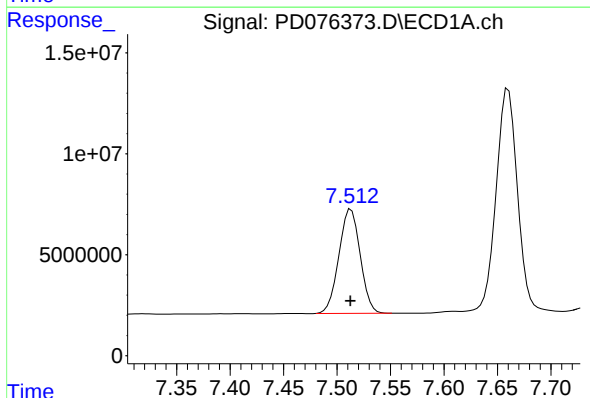
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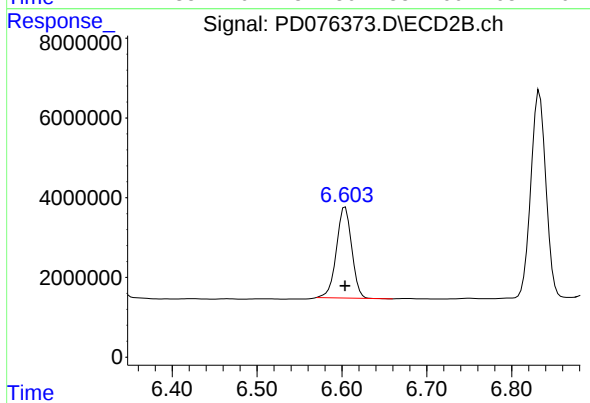
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 56879112
Conc: 37.43 ng/ml



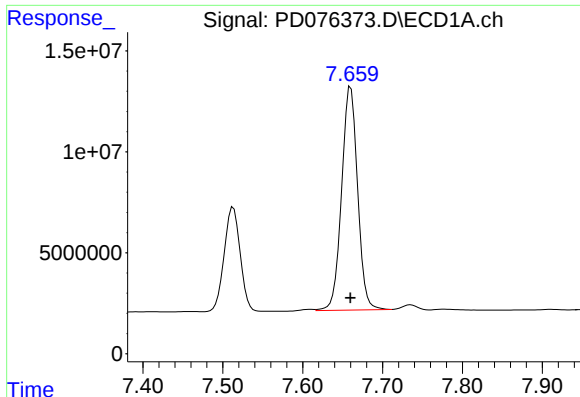
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 71653122
Conc: 37.49 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 28603710
Conc: 44.79 ng/ml



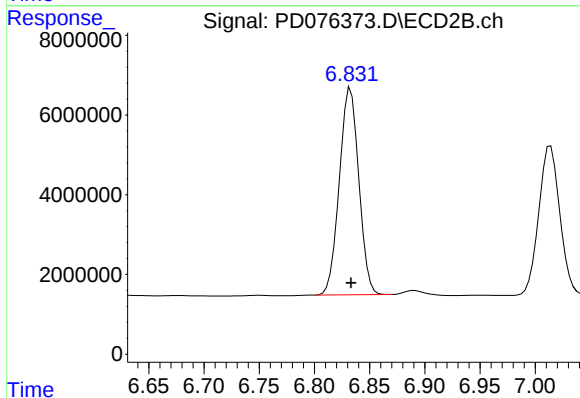
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 153963032
Conc: 36.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

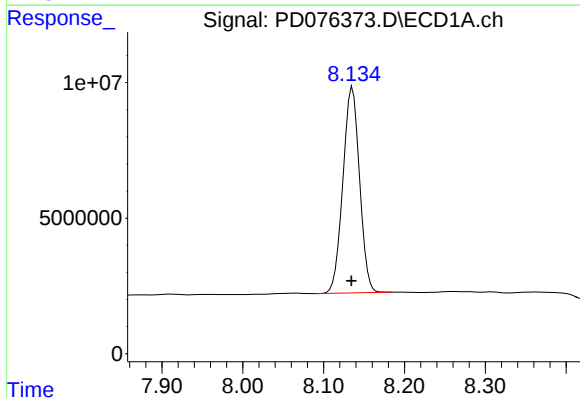
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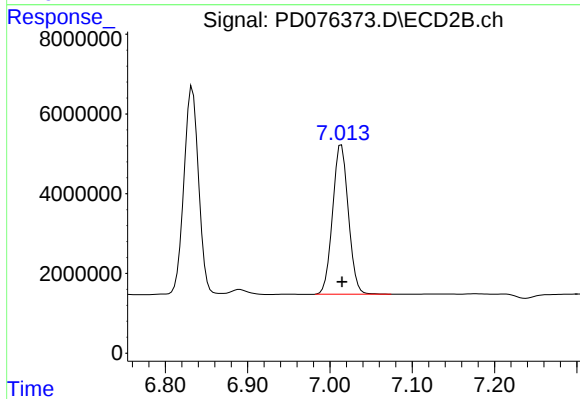
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 63661789
Conc: 36.42 ng/ml



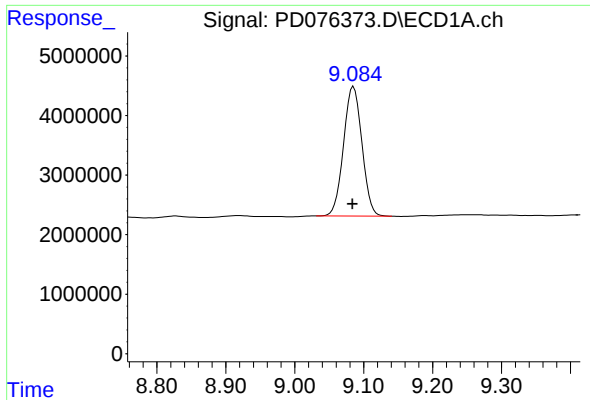
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 108587826
Conc: 34.37 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 49914170
Conc: 33.67 ng/ml



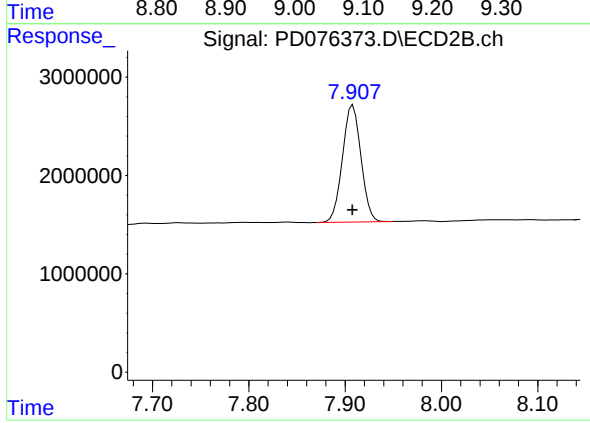
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 40347578
Conc: 11.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
CP-5MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.000 min
Response: 15796394
Conc: 12.55 ng/ml