

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
 Data File : PD068372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2022 18:20
 Operator : AR\AJ
 Sample : N1806-09MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DUM-26MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/09/2022
 Supervised By :Ankita Jodhani 03/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 01:02:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.451	4.178	24477845	203.3E6	20.881	21.180
28)	SA Decachlor...	8.216	9.379	23009445	116.2E6	19.772	19.607
Target Compounds							
2)	A alpha-BHC	3.891	4.575	87286702	651.2E6	50.869	47.461
3)	MA gamma-BHC...	4.175	4.866	81006834	591.3E6	50.869	47.686
4)	MA Heptachlor	4.474	5.393	76792445	561.0E6	50.868	49.527
5)	MB Aldrin	4.722	5.706	77346832	558.8E6	49.385	47.263
6)	B beta-BHC	4.424	5.028	34617058	245.9E6	49.336	45.486
7)	B delta-BHC	4.629	5.254	80172442	577.8E6	49.689	46.455
8)	B Heptachlo...	5.166	6.094	73196881	530.3E6	50.208	49.476
9)	A Endosulfan I	5.505	6.457	66784881	462.3E6	48.971	47.909
10)	B gamma-Chl...	5.392	6.331	113.7E6	785.8E6	76.369m	74.316
11)	B alpha-Chl...	5.452	6.406	107.8E6	817.8E6	73.344	79.337
12)	B 4,4'-DDE	5.618	6.556	68044662	461.8E6	49.886	47.240
13)	MA Dieldrin	5.750	6.716	73871599	484.8E6	50.236	47.041
14)	MA Endrin	6.007	6.935	63788334	374.6E6	51.636	48.710m
15)	B Endosulfa...	6.282	7.140	64107082	374.8E6	50.386	45.610m
16)	A 4,4'-DDD	6.135	7.046	58436704	426.9E6	49.275	54.243m
17)	MA 4,4'-DDT	6.376	7.350	57518868	342.6E6	52.158	48.426
18)	B Endrin al...	6.451	7.264	45628531	277.2E6	49.785	46.071m
19)	B Endosulfa...	6.664	7.490	61181234	358.0E6	48.549	46.011
20)	A Methoxychlor	6.927	7.803	30979372	166.8E6	47.742	48.015
21)	B Endrin ke...	7.158	7.965	69919030	378.4E6	47.491	45.074
22)	Mirex	7.344	8.432	61246670	300.2E6	48.320	46.939

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
Data File : PD068372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2022 18:20
Operator : AR\AJ
Sample : N1806-09MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

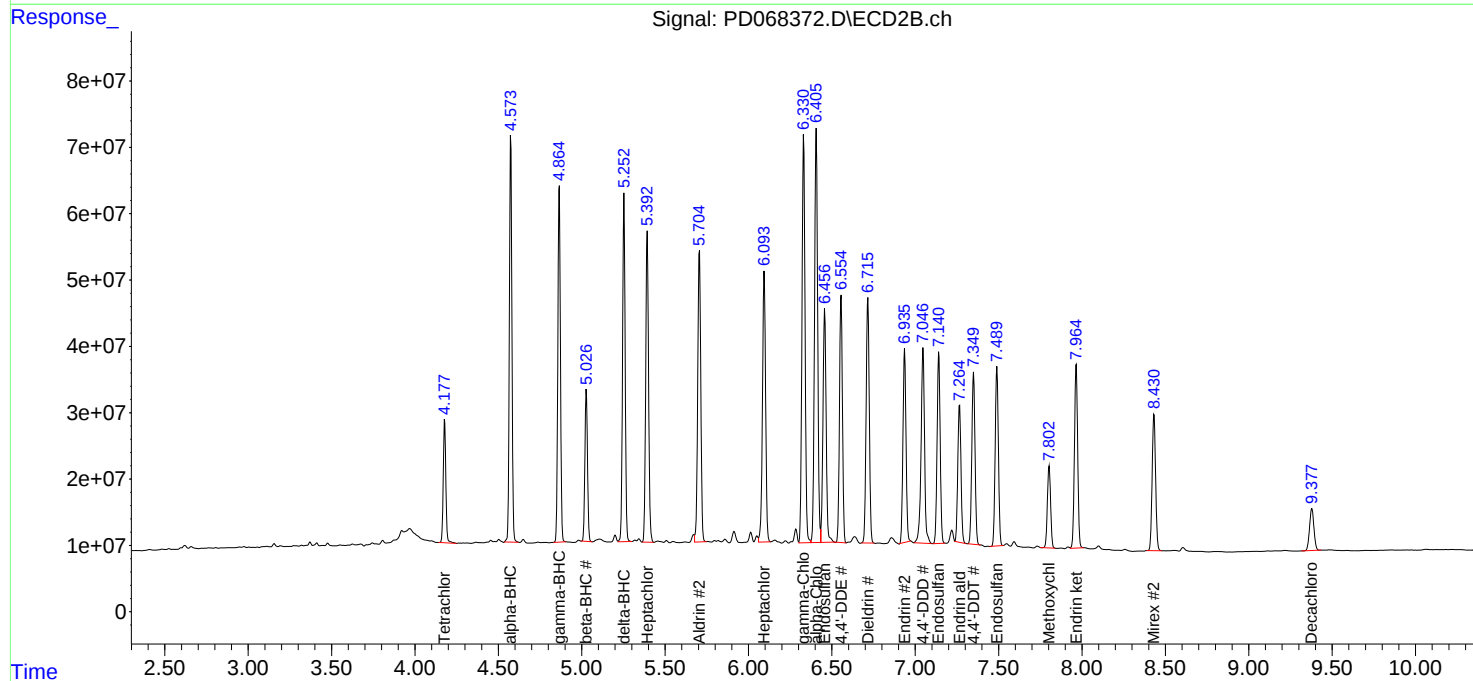
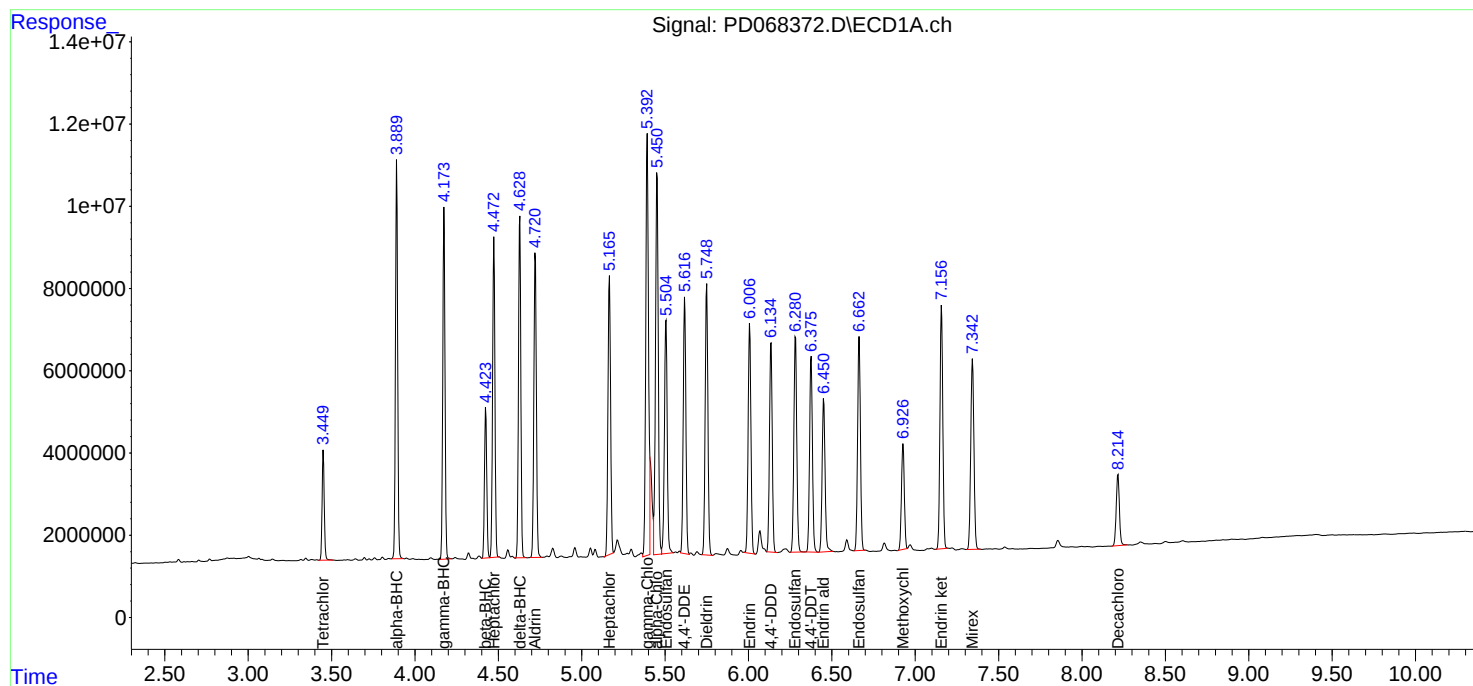
Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

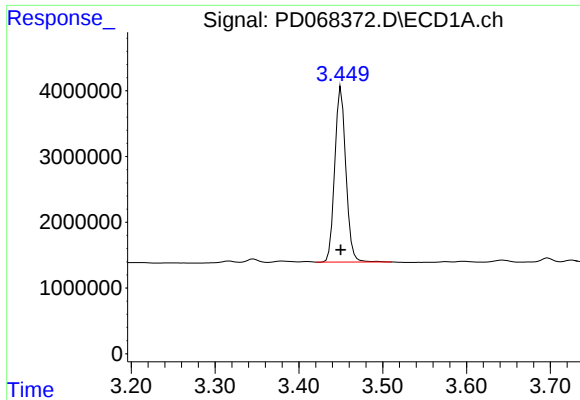
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 01:02:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 2022
Response 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





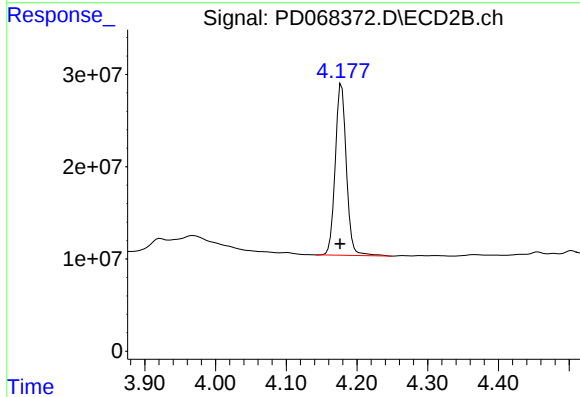
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 24477845
Conc: 20.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

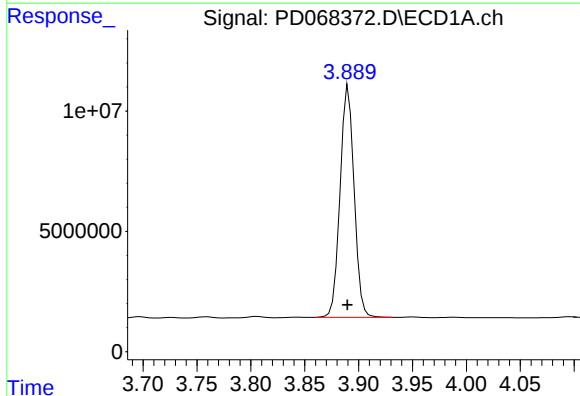
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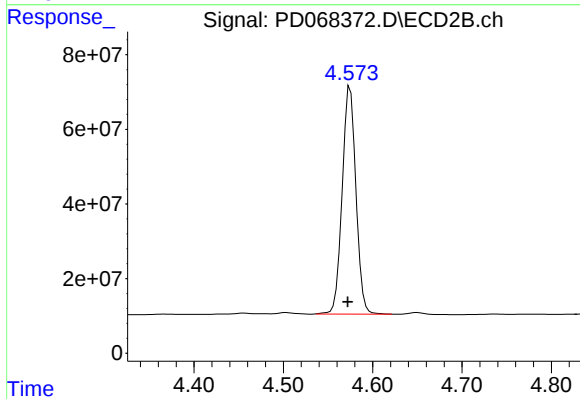
#1 Tetrachloro-m-xylene

R.T.: 4.178 min
Delta R.T.: 0.002 min
Response: 203283244
Conc: 21.18 ng/ml



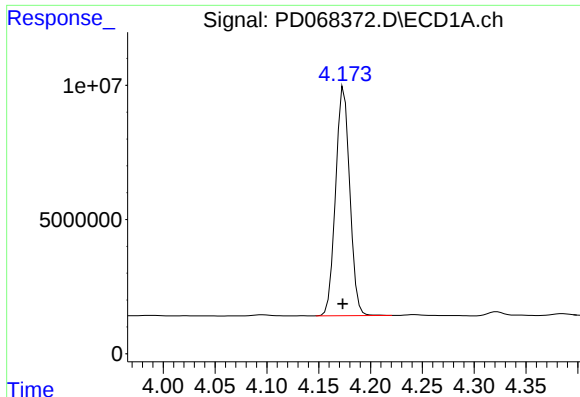
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.001 min
Response: 87286702
Conc: 50.87 ng/ml



#2 alpha-BHC

R.T.: 4.575 min
Delta R.T.: 0.003 min
Response: 651233379
Conc: 47.46 ng/ml



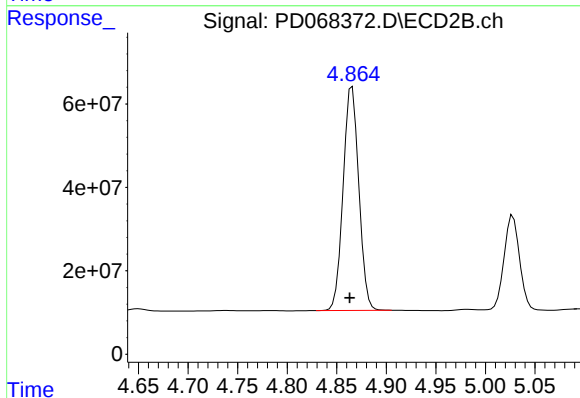
#3 gamma-BHC (Lindane)

R.T.: 4.175 min
Delta R.T.: 0.001 min
Response: 81006834
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

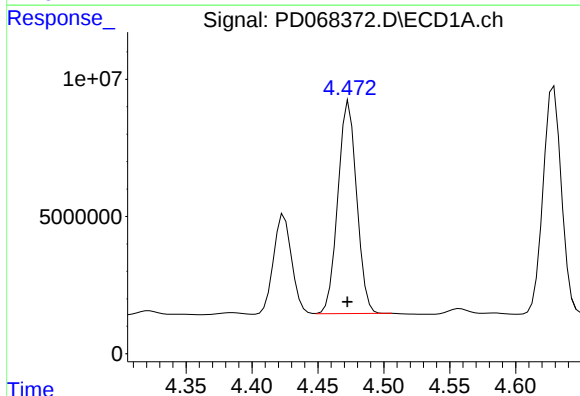
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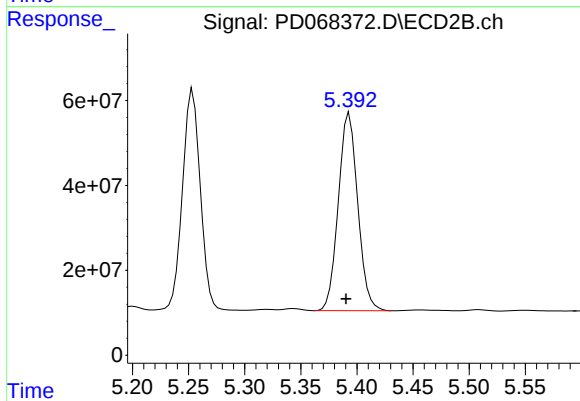
#3 gamma-BHC (Lindane)

R.T.: 4.866 min
Delta R.T.: 0.002 min
Response: 591283430
Conc: 47.69 ng/ml



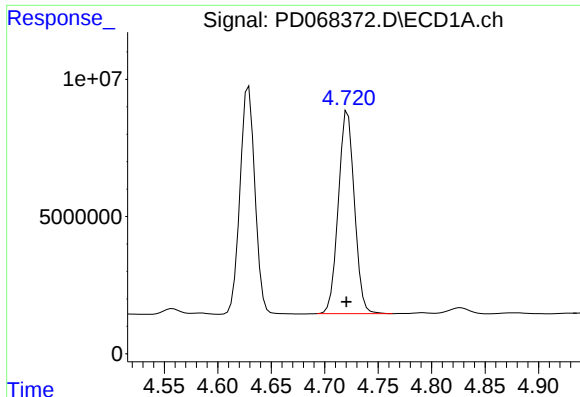
#4 Heptachlor

R.T.: 4.474 min
Delta R.T.: 0.001 min
Response: 76792445
Conc: 50.87 ng/ml



#4 Heptachlor

R.T.: 5.393 min
Delta R.T.: 0.003 min
Response: 560984871
Conc: 49.53 ng/ml



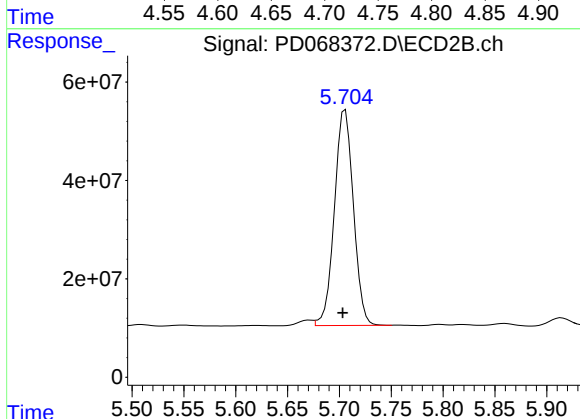
#5 Aldrin

R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 77346832
Conc: 49.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

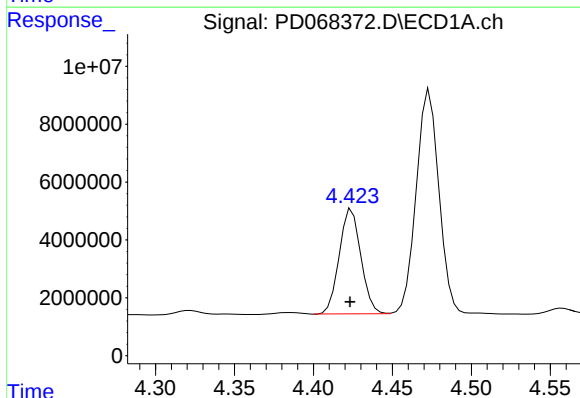
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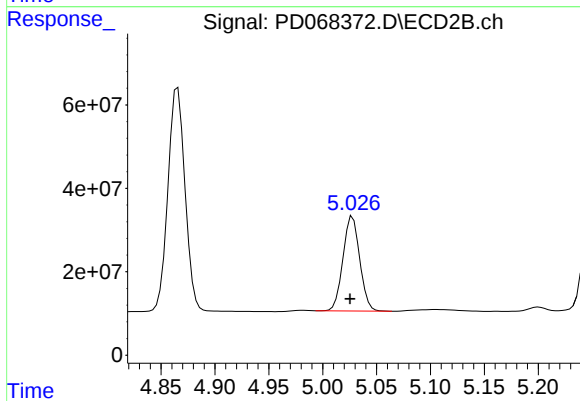
#5 Aldrin

R.T.: 5.706 min
Delta R.T.: 0.002 min
Response: 558814250
Conc: 47.26 ng/ml



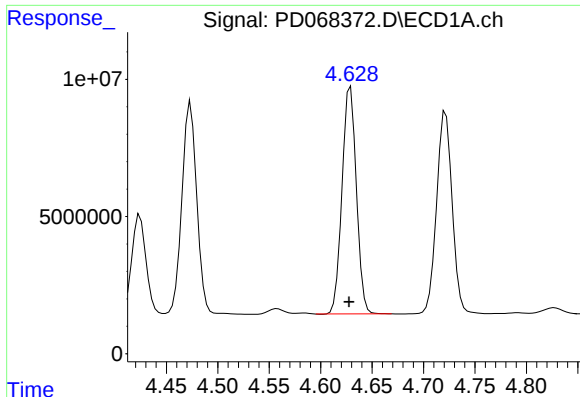
#6 beta-BHC

R.T.: 4.424 min
Delta R.T.: 0.001 min
Response: 34617058
Conc: 49.34 ng/ml



#6 beta-BHC

R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 245873615
Conc: 45.49 ng/ml



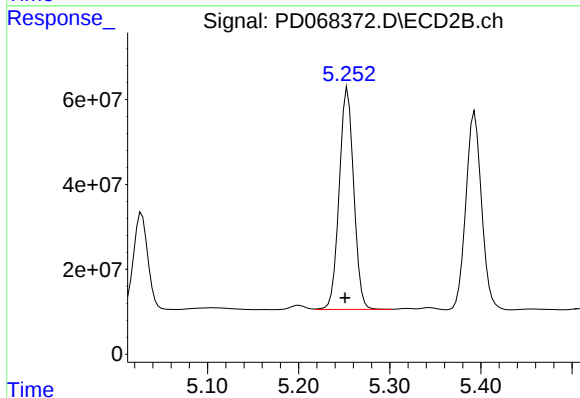
#7 delta-BHC

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 80172442
Conc: 49.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

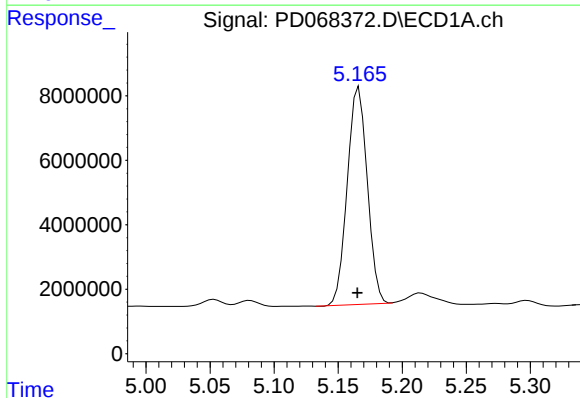
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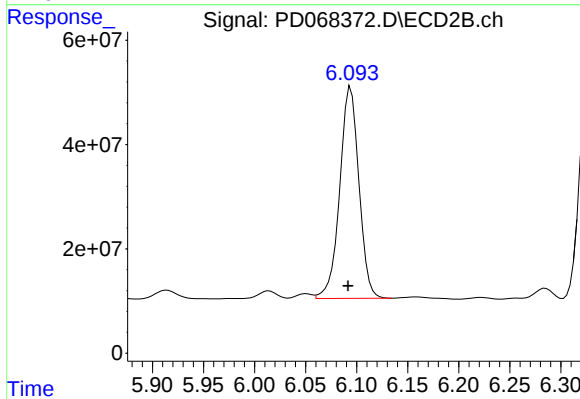
#7 delta-BHC

R.T.: 5.254 min
Delta R.T.: 0.003 min
Response: 577807162
Conc: 46.45 ng/ml



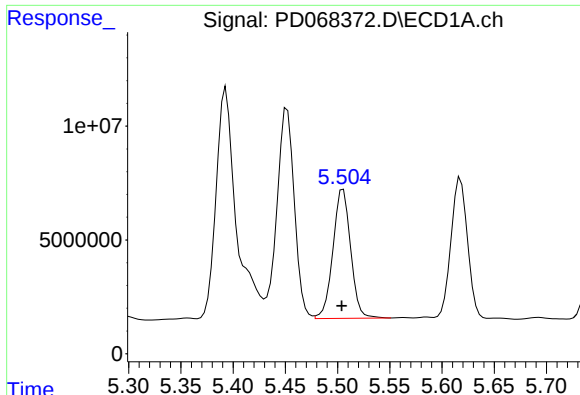
#8 Heptachlor epoxide

R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 73196881
Conc: 50.21 ng/ml



#8 Heptachlor epoxide

R.T.: 6.094 min
Delta R.T.: 0.003 min
Response: 530267462
Conc: 49.48 ng/ml



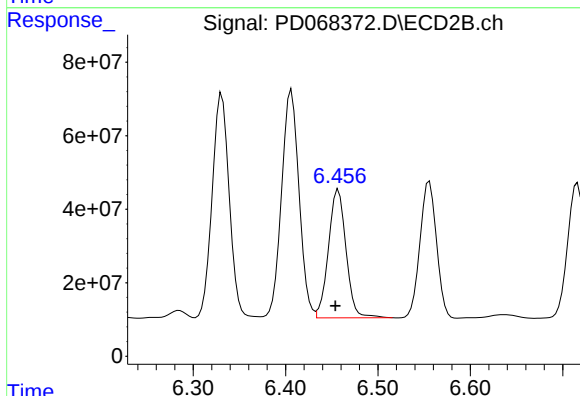
#9 Endosulfan I

R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 66784881
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

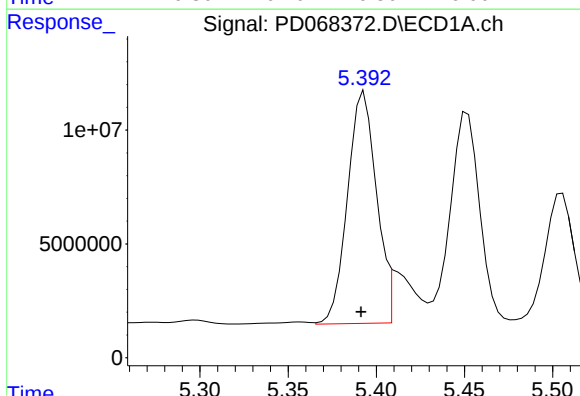
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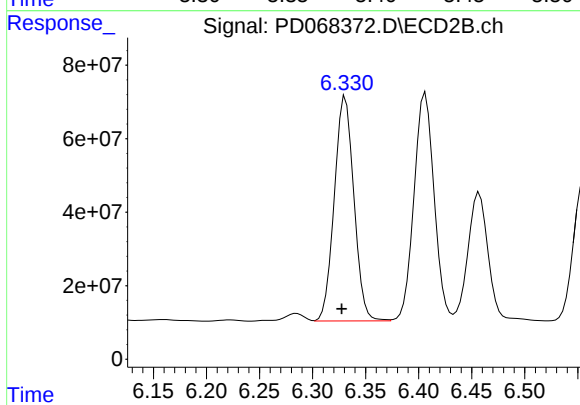
#9 Endosulfan I

R.T.: 6.457 min
Delta R.T.: 0.003 min
Response: 462282673
Conc: 47.91 ng/ml



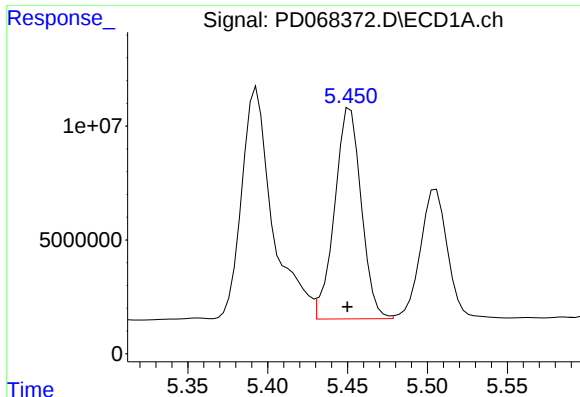
#10 gamma-Chlordane

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 113687172
Conc: 76.37 ng/ml m



#10 gamma-Chlordane

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 785810514
Conc: 74.32 ng/ml



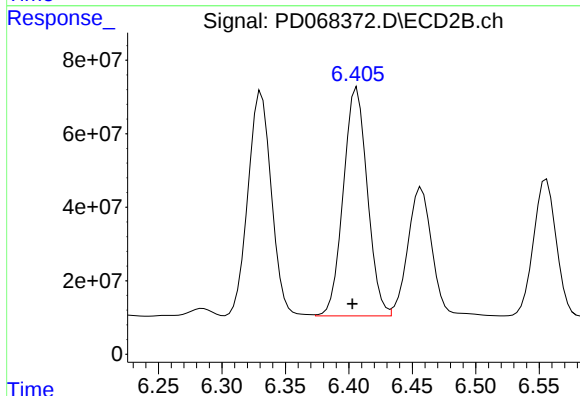
#11 alpha-Chlordane

R.T.: 5.452 min
Delta R.T.: 0.002 min
Response: 107772726
Conc: 73.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

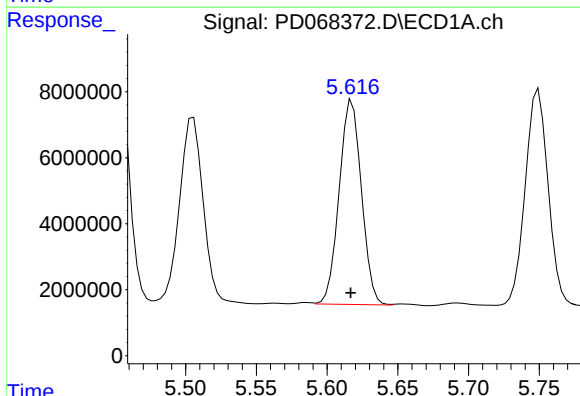
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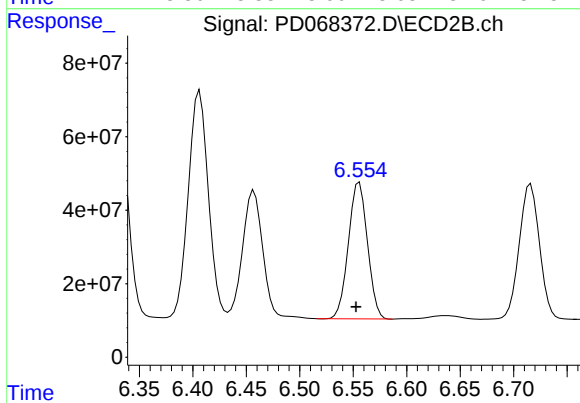
#11 alpha-Chlordane

R.T.: 6.406 min
Delta R.T.: 0.004 min
Response: 817757667
Conc: 79.34 ng/ml



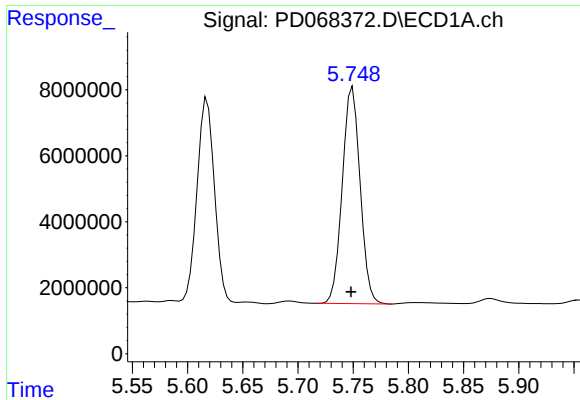
#12 4,4'-DDE

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 68044662
Conc: 49.89 ng/ml



#12 4,4'-DDE

R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 461833061
Conc: 47.24 ng/ml



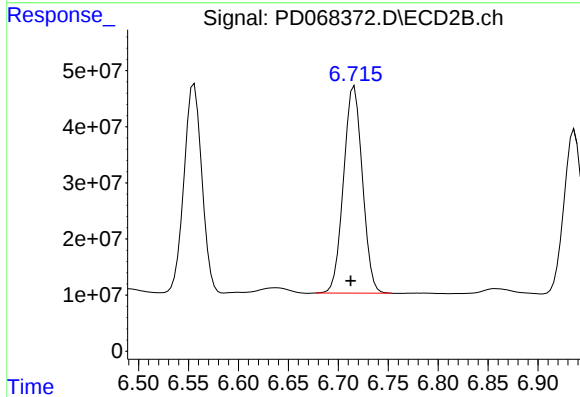
#13 Dieldrin

R.T.: 5.750 min
Delta R.T.: 0.001 min
Response: 73871599
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

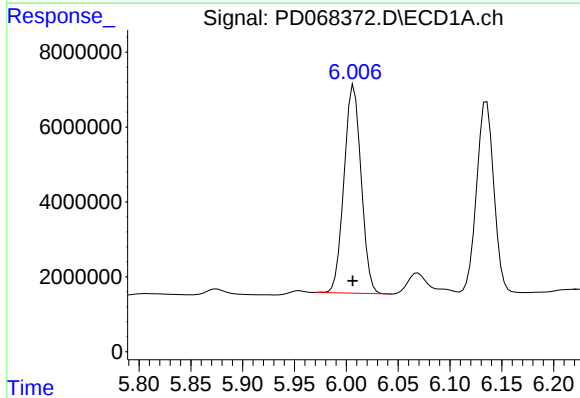
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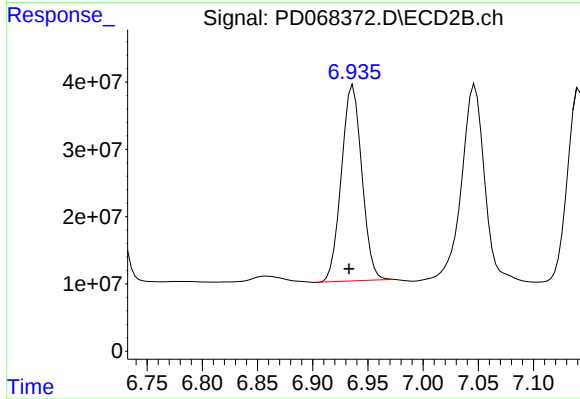
#13 Dieldrin

R.T.: 6.716 min
Delta R.T.: 0.003 min
Response: 484764618
Conc: 47.04 ng/ml



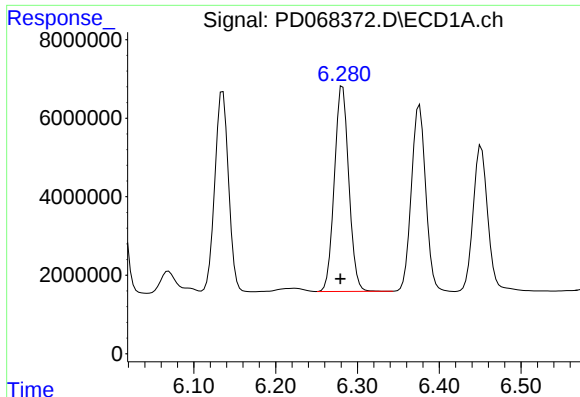
#14 Endrin

R.T.: 6.007 min
Delta R.T.: 0.001 min
Response: 63788334
Conc: 51.64 ng/ml



#14 Endrin

R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: 374604304
Conc: 48.71 ng/ml m



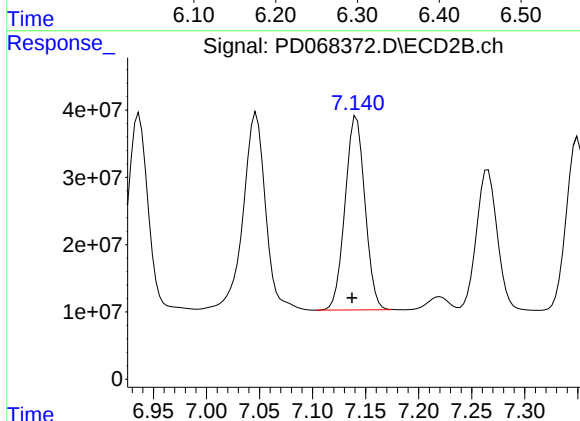
#15 Endosulfan II

R.T.: 6.282 min
Delta R.T.: 0.003 min
Response: 64107082
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

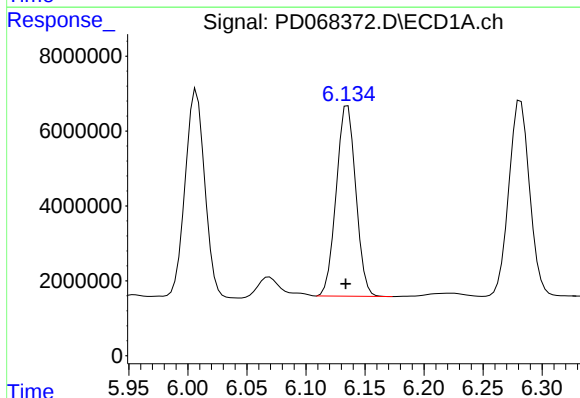
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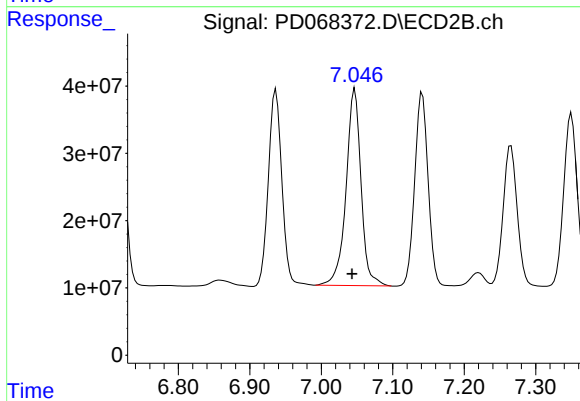
#15 Endosulfan II

R.T.: 7.140 min
Delta R.T.: 0.003 min
Response: 374786208
Conc: 45.61 ng/ml m



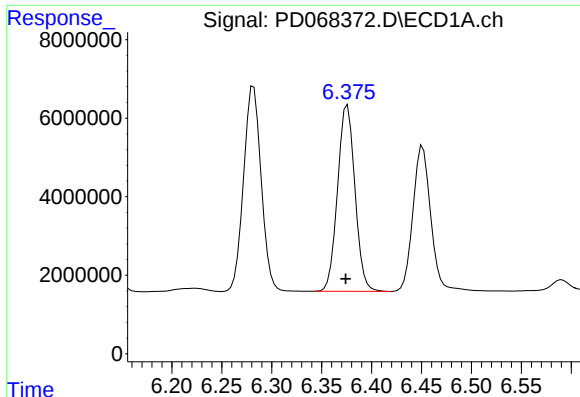
#16 4,4'-DDD

R.T.: 6.135 min
Delta R.T.: 0.002 min
Response: 58436704
Conc: 49.28 ng/ml



#16 4,4'-DDD

R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 426895512
Conc: 54.24 ng/ml m



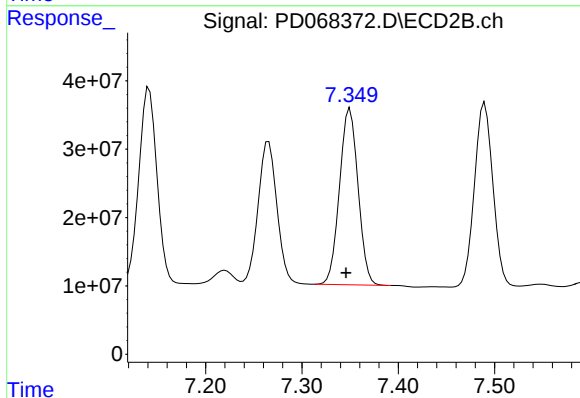
#17 4,4'-DDT

R.T.: 6.376 min
Delta R.T.: 0.002 min
Response: 57518868
Conc: 52.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

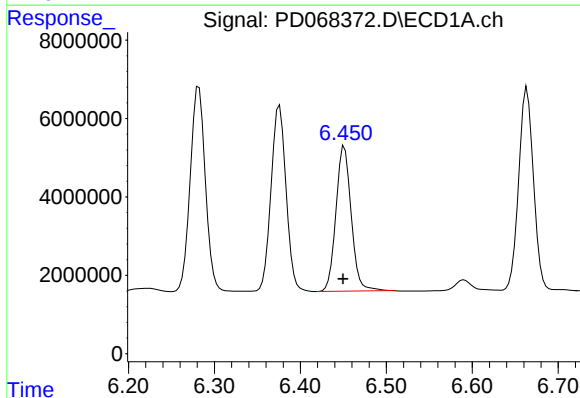
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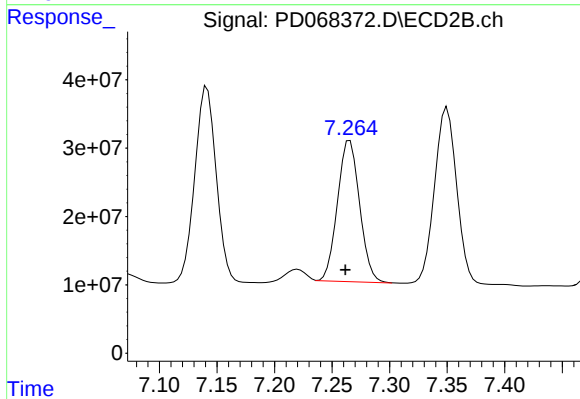
#17 4,4'-DDT

R.T.: 7.350 min
Delta R.T.: 0.004 min
Response: 342636115
Conc: 48.43 ng/ml



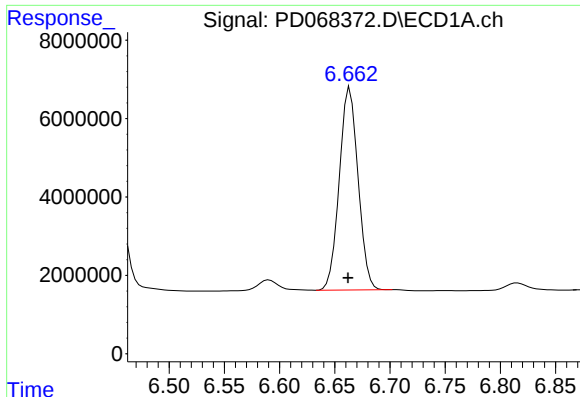
#18 Endrin aldehyde

R.T.: 6.451 min
Delta R.T.: 0.002 min
Response: 45628531
Conc: 49.78 ng/ml



#18 Endrin aldehyde

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 277236754
Conc: 46.07 ng/ml m



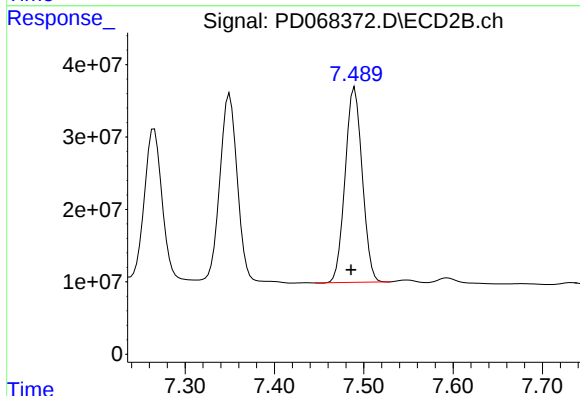
#19 Endosulfan Sulfate

R.T.: 6.664 min
Delta R.T.: 0.002 min
Response: 61181234
Conc: 48.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

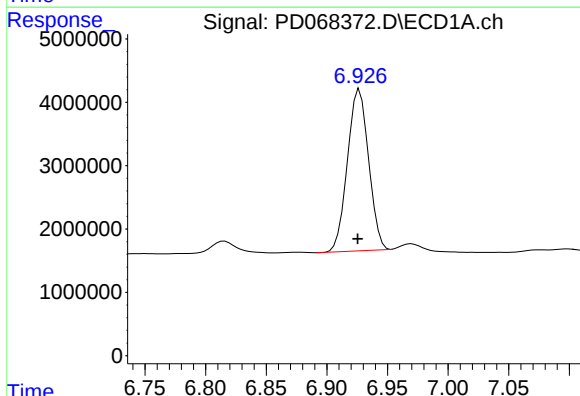
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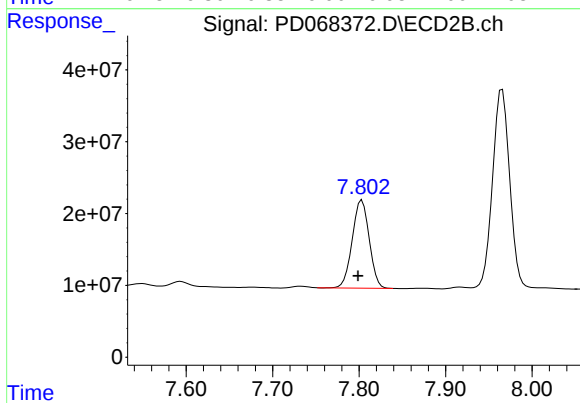
#19 Endosulfan Sulfate

R.T.: 7.490 min
Delta R.T.: 0.004 min
Response: 357982430
Conc: 46.01 ng/ml



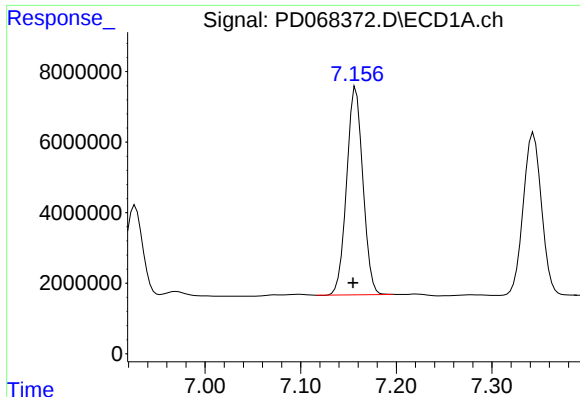
#20 Methoxychlor

R.T.: 6.927 min
Delta R.T.: 0.002 min
Response: 30979372
Conc: 47.74 ng/ml



#20 Methoxychlor

R.T.: 7.803 min
Delta R.T.: 0.005 min
Response: 166826822
Conc: 48.02 ng/ml



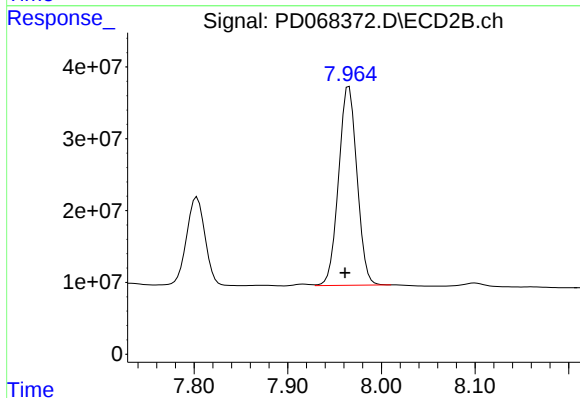
#21 Endrin ketone

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 69919030
Conc: 47.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

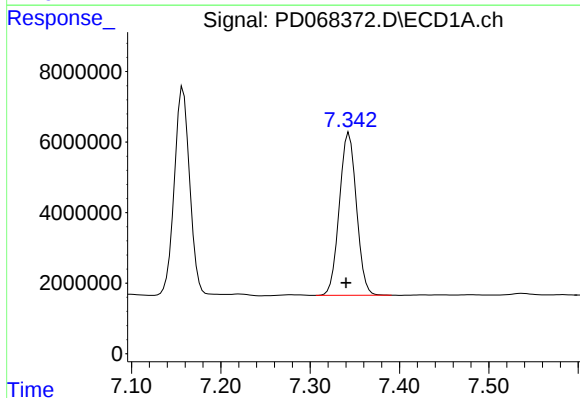
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/09/2022
Supervised By :Ankita Jodhani 03/09/2022



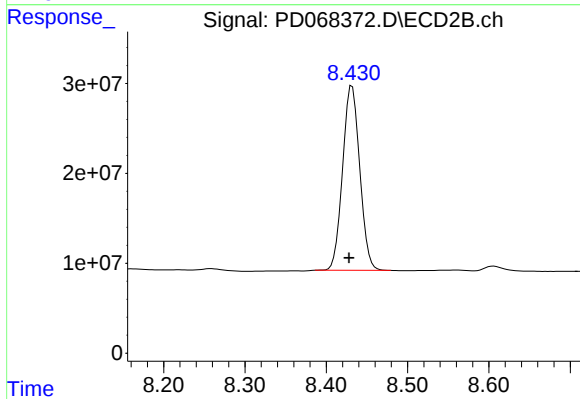
#21 Endrin ketone

R.T.: 7.965 min
Delta R.T.: 0.004 min
Response: 378385789
Conc: 45.07 ng/ml



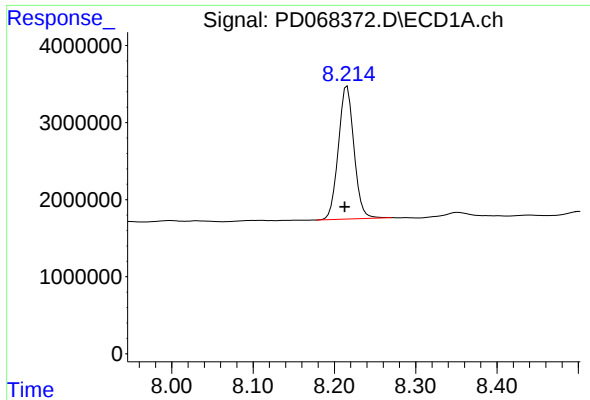
#22 Mirex

R.T.: 7.344 min
Delta R.T.: 0.003 min
Response: 61246670
Conc: 48.32 ng/ml



#22 Mirex

R.T.: 8.432 min
Delta R.T.: 0.004 min
Response: 300209867
Conc: 46.94 ng/ml



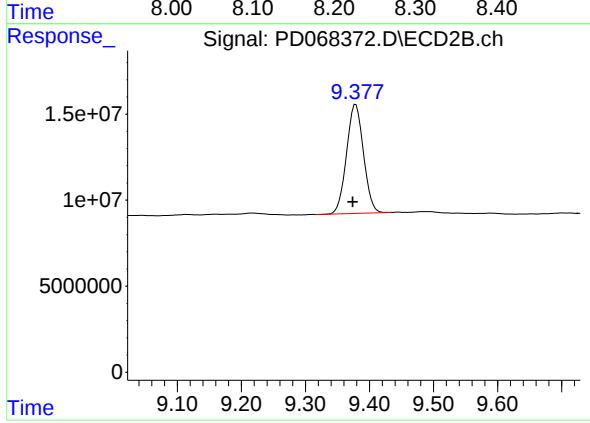
#28 Decachlorobiphenyl

R.T.: 8.216 min
Delta R.T.: 0.003 min
Response: 23009445
Conc: 19.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUM-26MSD

Manual Integrations
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Supervised By :Ankita Jodhani 03/09/2022



#28 Decachlorobiphenyl

R.T.: 9.379 min
Delta R.T.: 0.005 min
Response: 116246912
Conc: 19.61 ng/ml