

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111621\
 Data File : PD066977.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2021 16:19
 Operator : AR\AJ
 Sample : PEST LCS SPIKE 10X
 Misc : 50/100 PPB PEST LCS SPIKE.
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/17/2021
 Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 17 02:49:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 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
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System Monitoring Compounds

Target Compounds						
2) A	alpha-BHC	3.874	4.360	15532096	67132845	5.080 6.085
3) MA	gamma-BHC...	4.155	4.646	18612061	59485849	6.163 5.969
4) MA	Heptachlor	4.449	5.145	14876228	55003935	5.015 5.612
5) MB	Aldrin	4.694	5.449	14715626	51904225	5.106 5.718
6) B	beta-BHC	4.404	4.823	7464661	29461030	5.976 6.327
7) B	delta-BHC	4.606	5.038	13425714	56737146	4.994 6.207
8) B	Heptachlo...	5.135	5.838	13931719	41787445	5.386 5.766
9) A	Endosulfan I	5.471	6.195	12959651	47014356	5.457 5.963
10) B	gamma-Chl...	5.359	6.072	13985254	49500159	5.368 5.933
11) B	alpha-Chl...	5.417	6.143	13981953	49612918	5.448 5.981
12) B	4,4'-DDE	5.581	6.304	24514622	92821555	10.522 11.778
13) MA	Dieldrin	5.713	6.453	26326222	95416023	10.521 11.499
14) MA	Endrin	5.969	6.672	22257224	76625753	10.635 11.133
15) B	Endosulfa...	6.241	6.887	22142937	83955525	11.135m 11.891
16) A	4,4'-DDD	6.095	6.799	19917033	79303495	10.623 11.670
17) MA	4,4'-DDT	6.334	7.096	20026426	76722277	10.412 10.578
18) B	Endrin al...	6.411	7.011	19965118	75385114	12.916 13.253
19) B	Endosulfa...	6.623	7.234	20420190	79778947	10.972 10.998
20) A	Methoxychlor	6.881	7.558	52325730	189.3E6	50.669 46.472
21) B	Endrin ke...	7.115	7.708	23415949	92662815	10.731 11.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111621\
Data File : PD066977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Nov 2021 16:19
Operator : AR\AJ
Sample : PEST LCS SPIKE 10X
Misc : 50/100 PPB PEST LCS SPIKE.
ALS Vial : 14 Sample Multiplier: 1

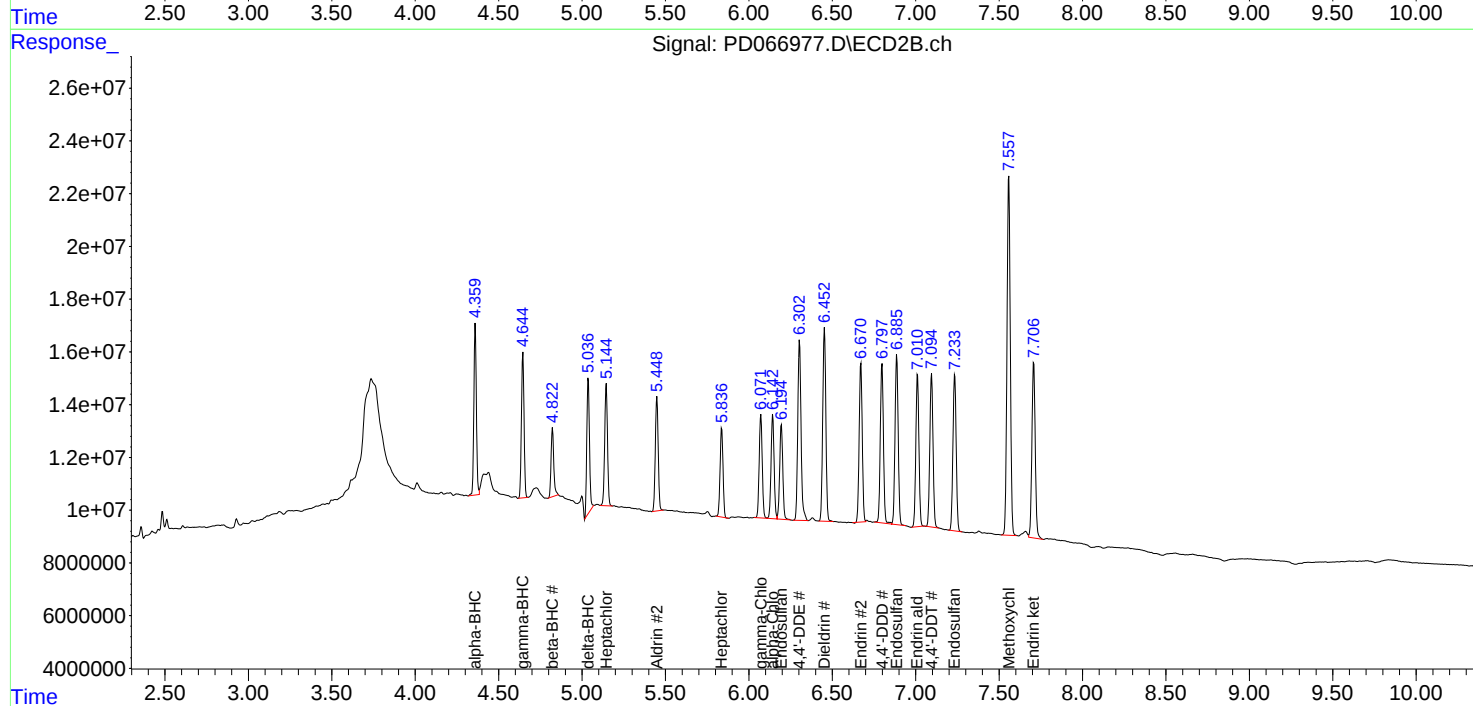
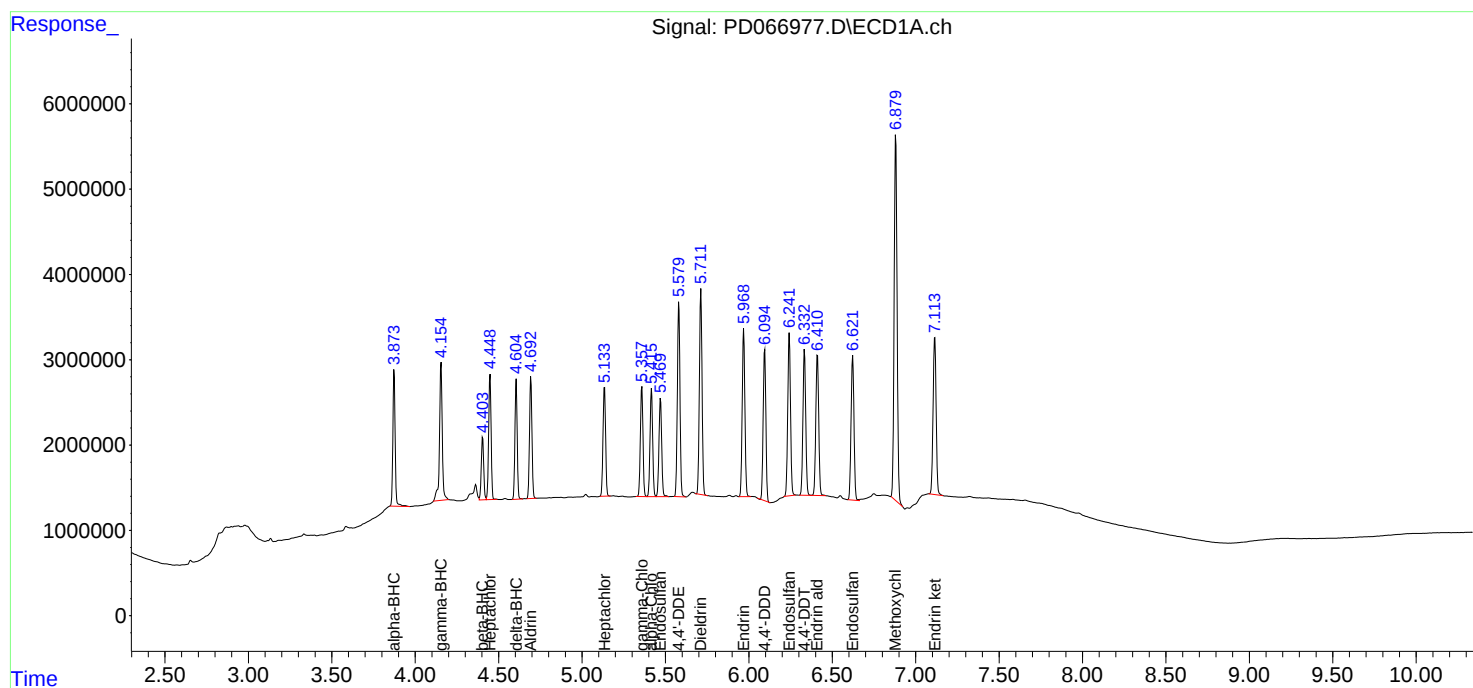
Instrument :
ECD_D
ClientSampleId :

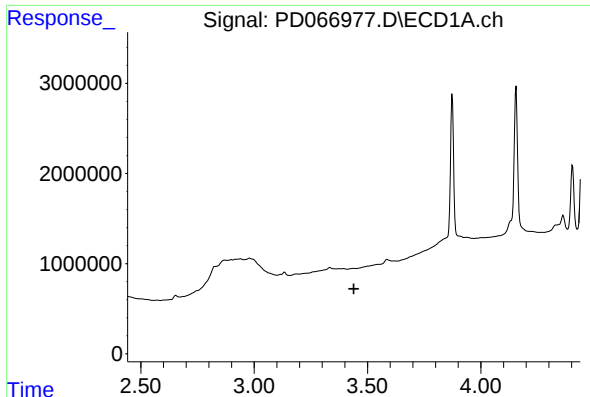
Manual Integrations
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Supervised By : mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 17 02:49:28 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
Quant Title : GC Extractables
QLast Update : Thu Oct 28 02:17:57 2021
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





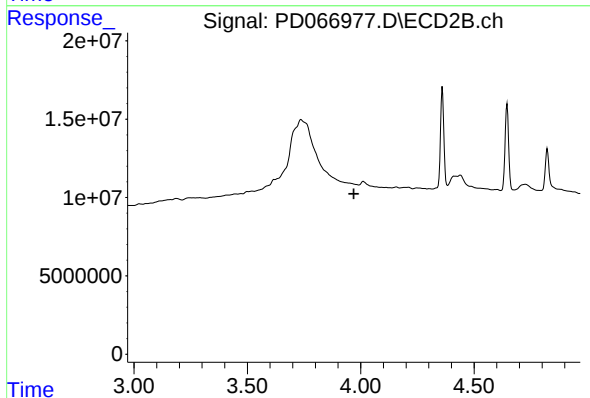
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.440 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :

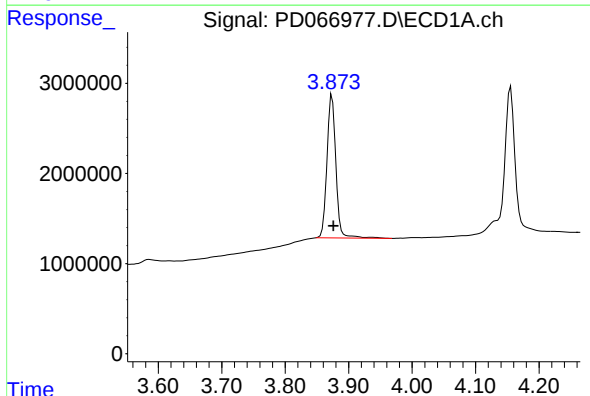
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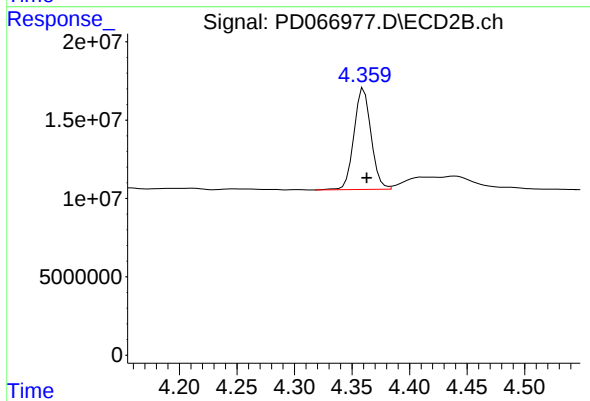
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.970 min
Response: 0
Conc: N.D.



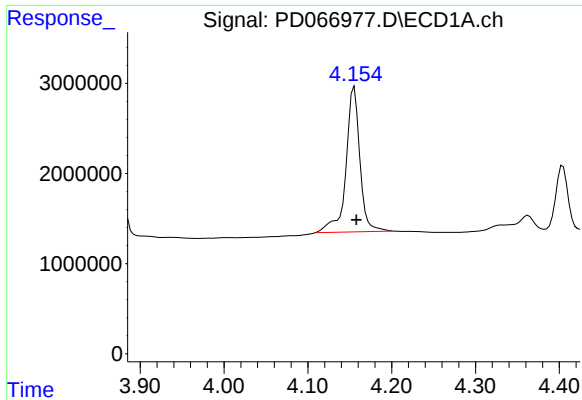
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 15532096
Conc: 5.08 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: -0.003 min
Response: 67132845
Conc: 6.08 ng/ml



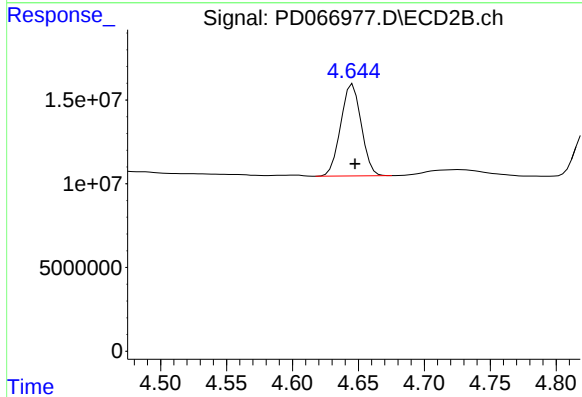
#3 gamma-BHC (Lindane)

R.T.: 4.155 min
Delta R.T.: -0.002 min
Response: 18612061
Conc: 6.16 ng/ml

Instrument :
ECD_D
ClientSampleId :

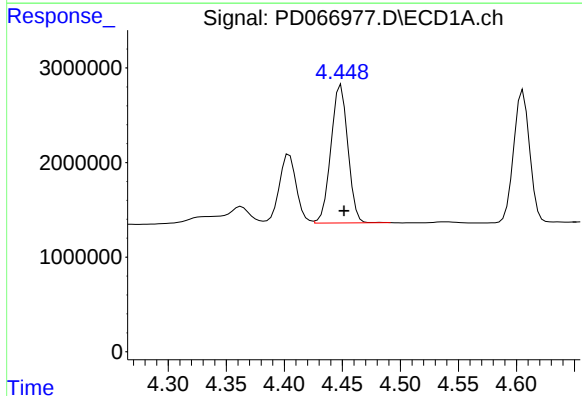
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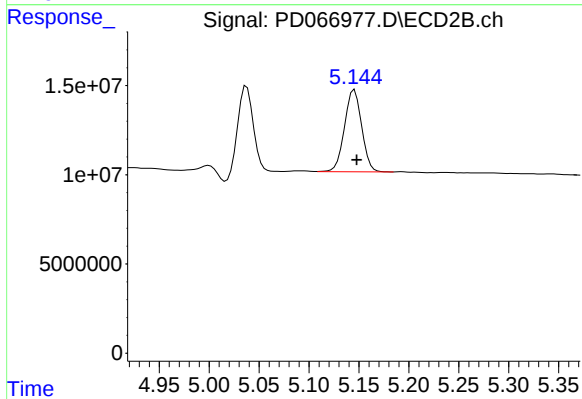
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 59485849
Conc: 5.97 ng/ml



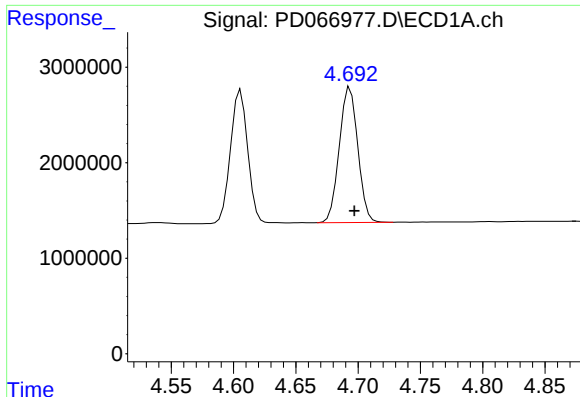
#4 Heptachlor

R.T.: 4.449 min
Delta R.T.: -0.003 min
Response: 14876228
Conc: 5.01 ng/ml



#4 Heptachlor

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 55003935
Conc: 5.61 ng/ml



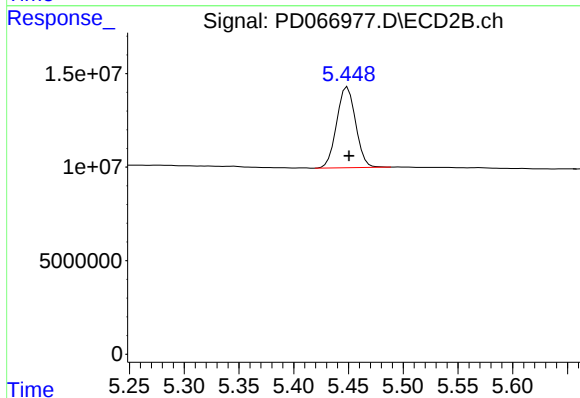
#5 Aldrin

R.T.: 4.694 min
Delta R.T.: -0.003 min
Response: 14715626
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :

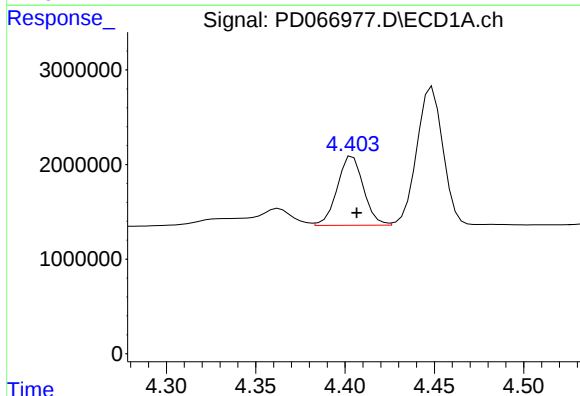
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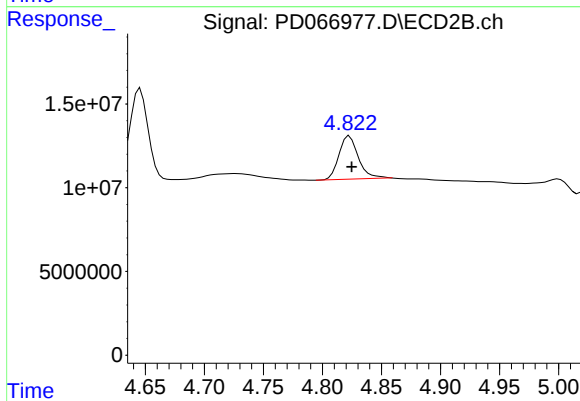
#5 Aldrin

R.T.: 5.449 min
Delta R.T.: -0.001 min
Response: 51904225
Conc: 5.72 ng/ml



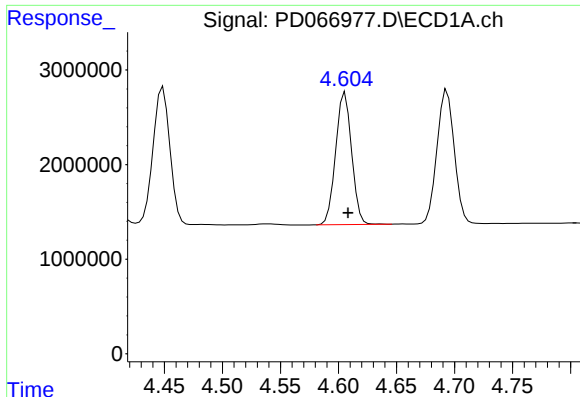
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.002 min
Response: 7464661
Conc: 5.98 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 29461030
Conc: 6.33 ng/ml



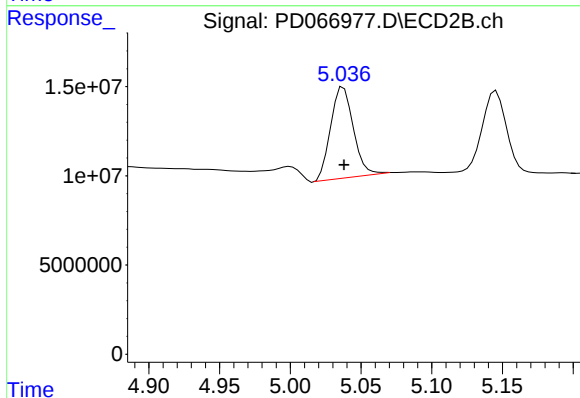
#7 delta-BHC

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 13425714
Conc: 4.99 ng/ml

Instrument :
ECD_D
ClientSampleId :

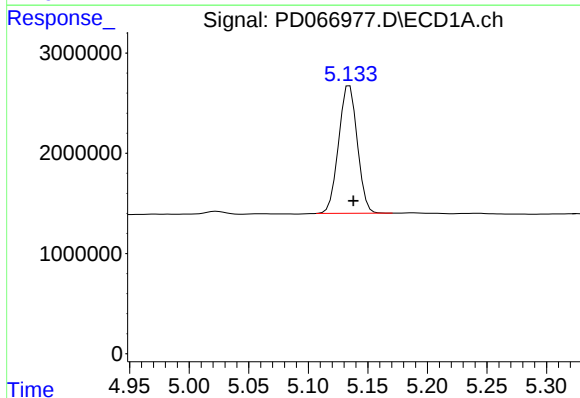
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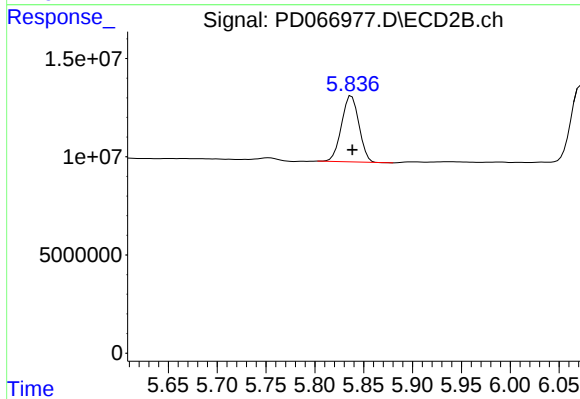
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 56737146
Conc: 6.21 ng/ml



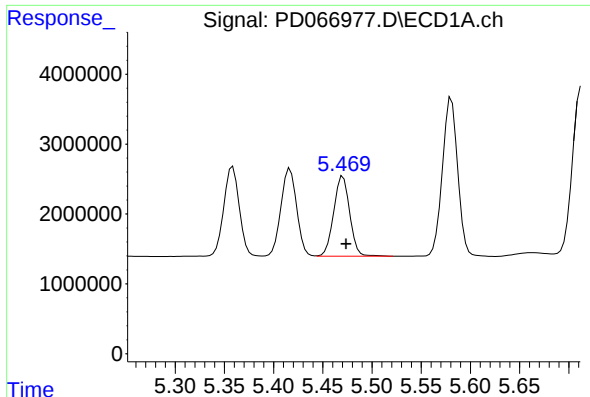
#8 Heptachlor epoxide

R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 13931719
Conc: 5.39 ng/ml



#8 Heptachlor epoxide

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 41787445
Conc: 5.77 ng/ml



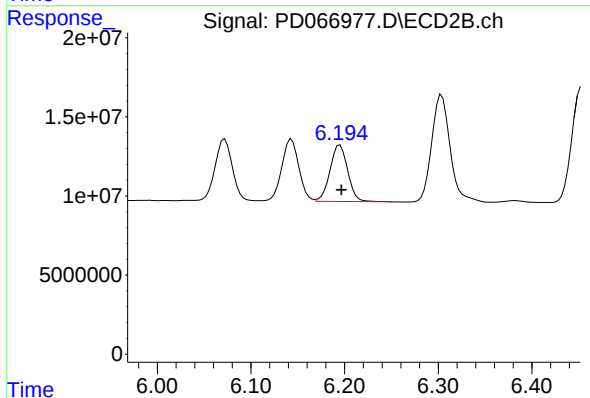
#9 Endosulfan I

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 12959651
Conc: 5.46 ng/ml

Instrument :
ECD_D
ClientSampleId :

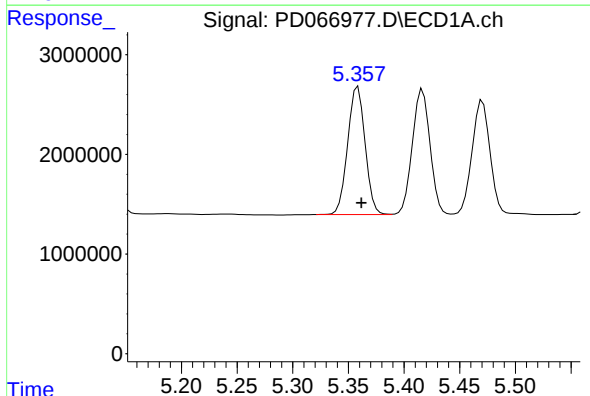
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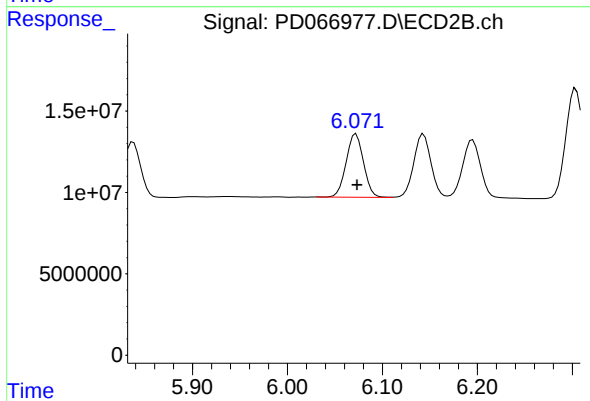
#9 Endosulfan I

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 47014356
Conc: 5.96 ng/ml



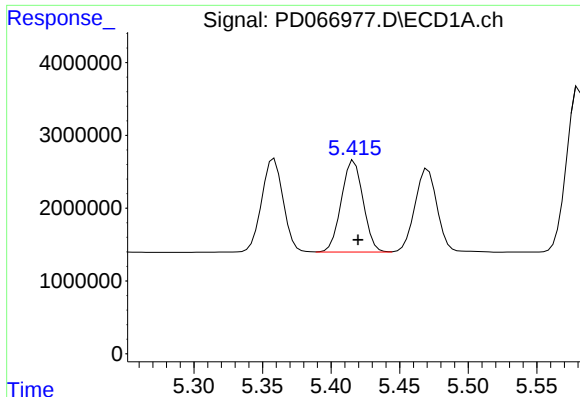
#10 gamma-Chlordane

R.T.: 5.359 min
Delta R.T.: -0.003 min
Response: 13985254
Conc: 5.37 ng/ml



#10 gamma-Chlordane

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 49500159
Conc: 5.93 ng/ml



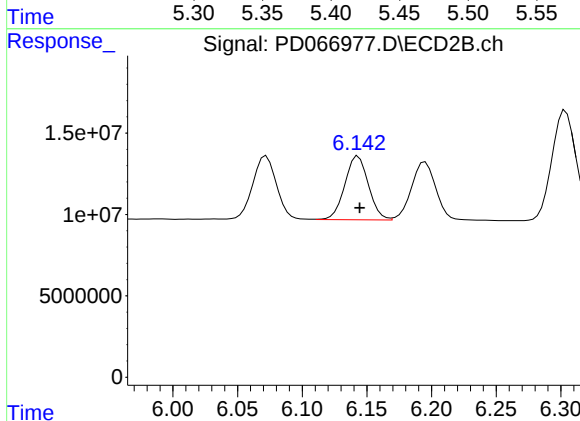
#11 alpha-Chlordane

R.T.: 5.417 min
Delta R.T.: -0.003 min
Response: 13981953
Conc: 5.45 ng/ml

Instrument :
ECD_D
ClientSampleId :

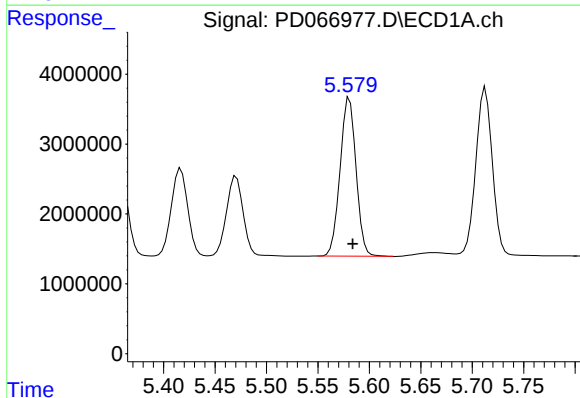
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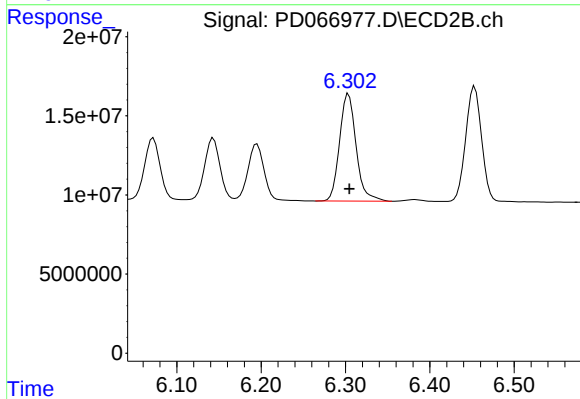
#11 alpha-Chlordane

R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 49612918
Conc: 5.98 ng/ml



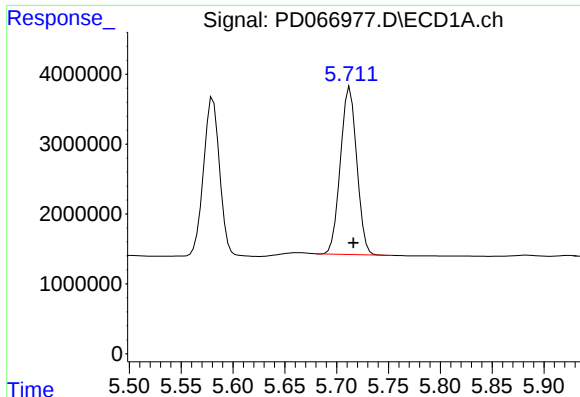
#12 4,4'-DDE

R.T.: 5.581 min
Delta R.T.: -0.003 min
Response: 24514622
Conc: 10.52 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: -0.001 min
Response: 92821555
Conc: 11.78 ng/ml



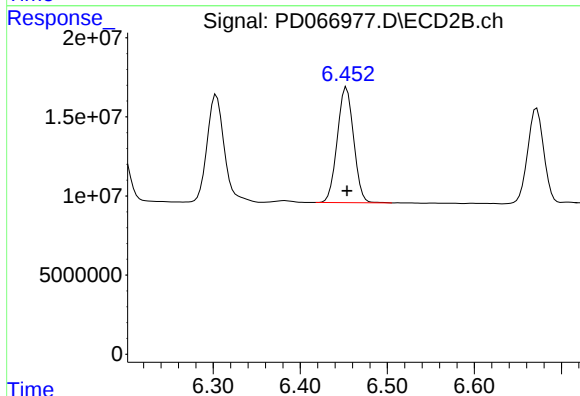
#13 Dieldrin

R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 26326222
Conc: 10.52 ng/ml

Instrument :
ECD_D
ClientSampleId :

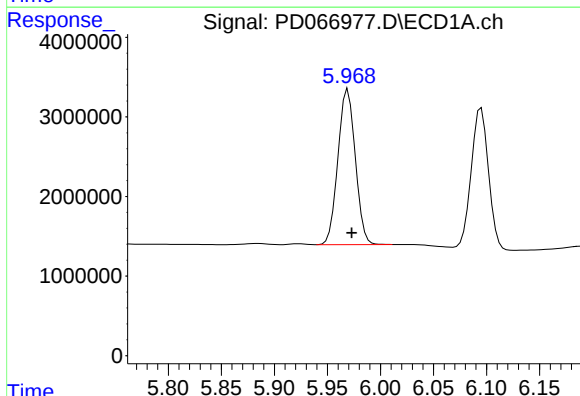
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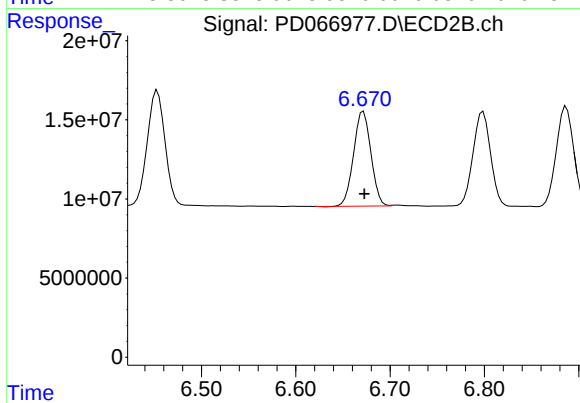
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 95416023
Conc: 11.50 ng/ml



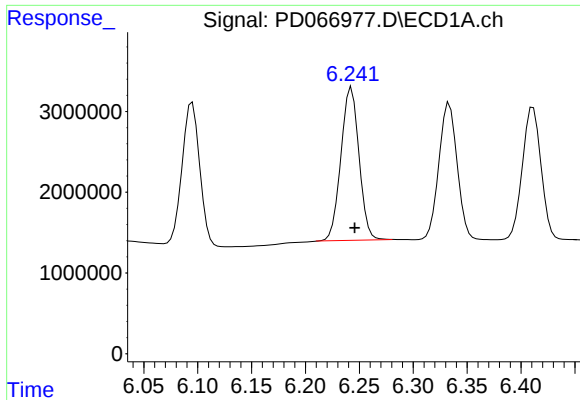
#14 Endrin

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 22257224
Conc: 10.63 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: -0.001 min
Response: 76625753
Conc: 11.13 ng/ml



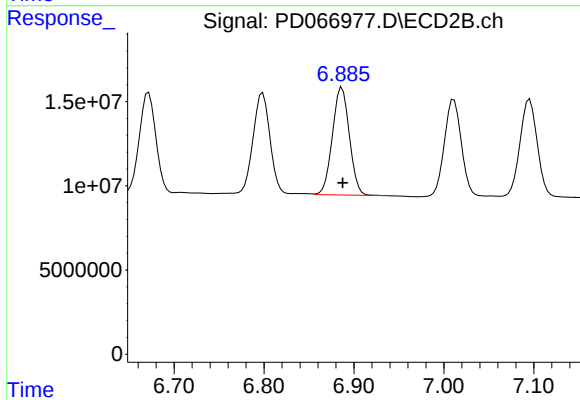
#15 Endosulfan II

R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 22142937
Conc: 11.14 ng/ml

Instrument :
ECD_D
ClientSampleId :

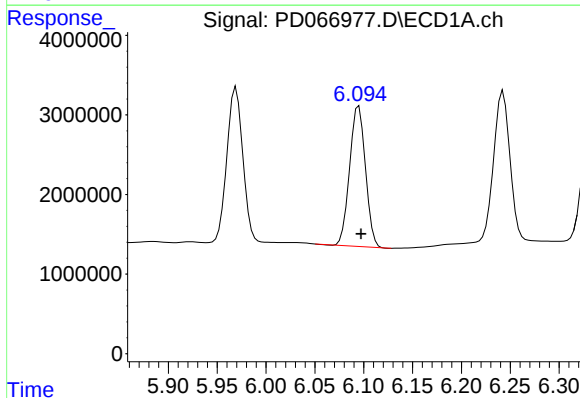
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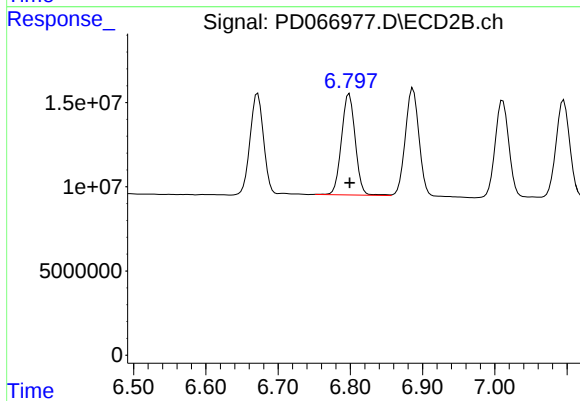
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 83955525
Conc: 11.89 ng/ml



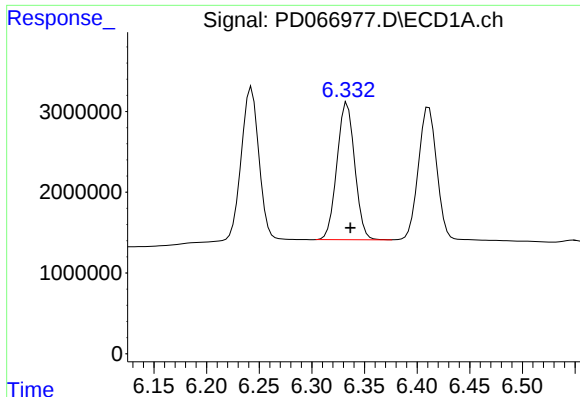
#16 4,4'-DDD

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 19917033
Conc: 10.62 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 79303495
Conc: 11.67 ng/ml



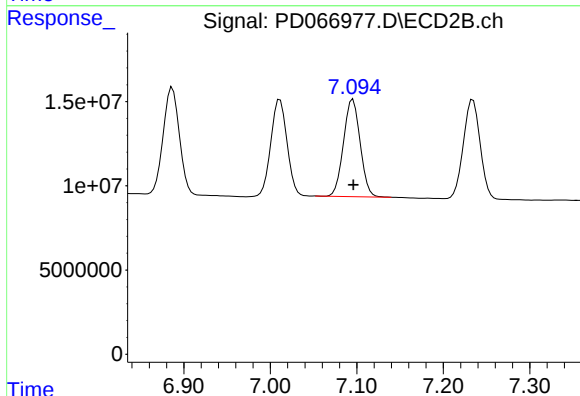
#17 4,4'-DDT

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 20026426
Conc: 10.41 ng/ml

Instrument :
ECD_D
ClientSampleId :

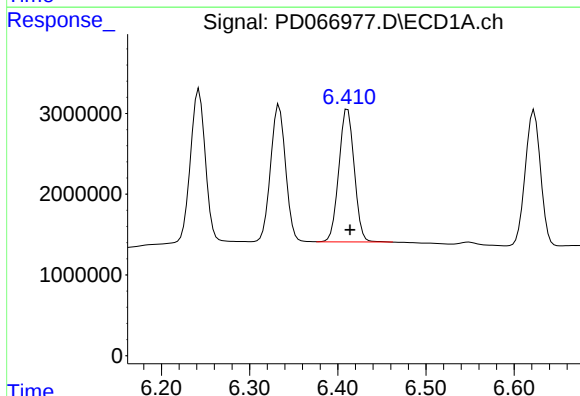
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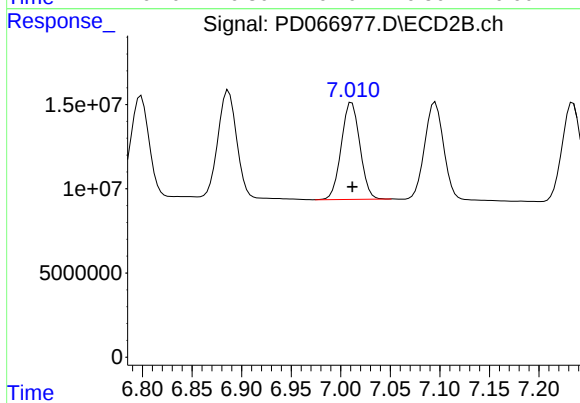
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 76722277
Conc: 10.58 ng/ml



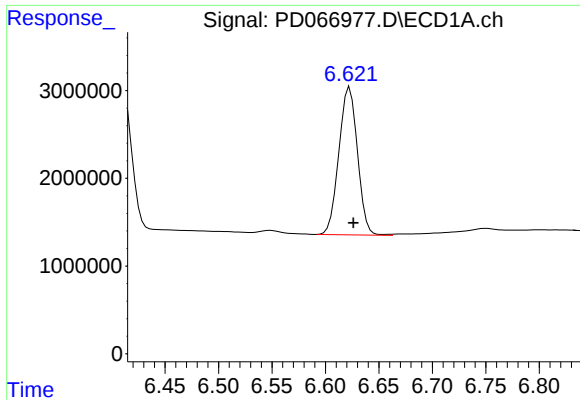
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 19965118
Conc: 12.92 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 75385114
Conc: 13.25 ng/ml



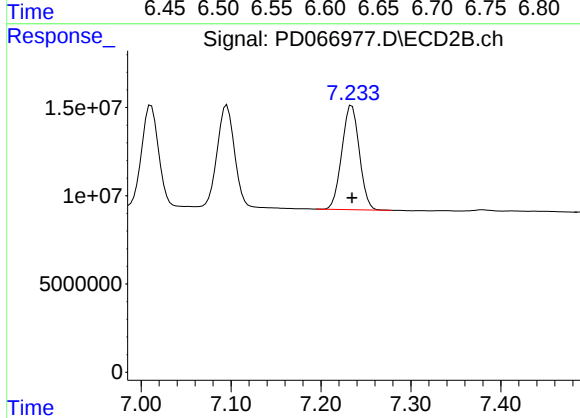
#19 Endosulfan Sulfate

R.T.: 6.623 min
Delta R.T.: -0.003 min
Response: 20420190
Conc: 10.97 ng/ml

Instrument :
ECD_D
ClientSampleId :

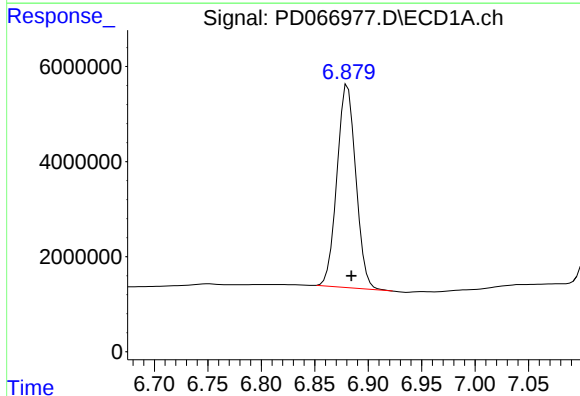
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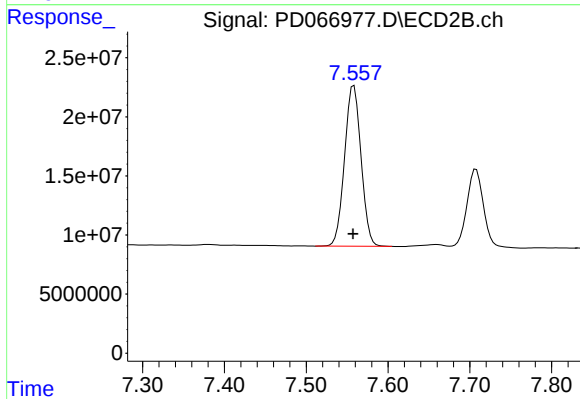
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 79778947
Conc: 11.00 ng/ml



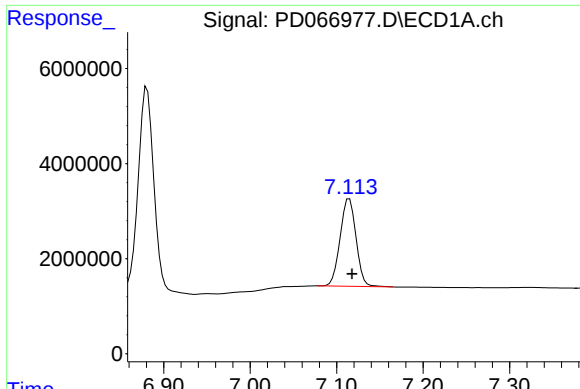
#20 Methoxychlor

R.T.: 6.881 min
Delta R.T.: -0.003 min
Response: 52325730
Conc: 50.67 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.001 min
Response: 189316073
Conc: 46.47 ng/ml



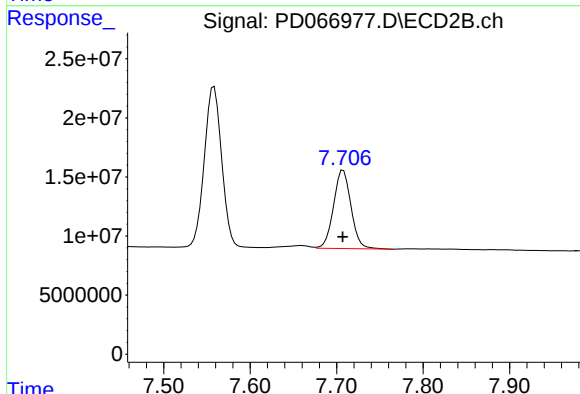
#21 Endrin ketone

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 23415949
Conc: 10.73 ng/ml

Instrument :
ECD_D
ClientSampleId :

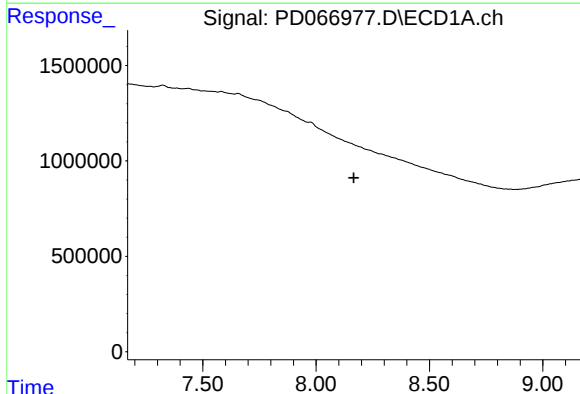
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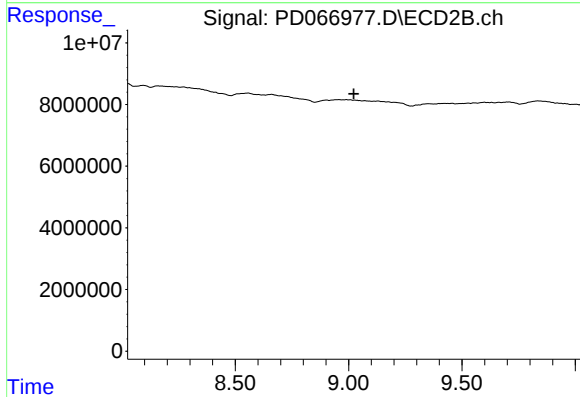
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 92662815
Conc: 11.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.166 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.023 min
Response: 0
Conc: N.D.