

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 19:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2023
 Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 20:22:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.569	2.804	29550999	47494454	18.303	20.514
28)	SA Decachlor...	9.115	7.947	37081067	50265119	18.485	20.622m
Target Compounds							
2)	A alpha-BHC	4.025	3.306	23908870	36355842	8.981	10.485
3)	MA gamma-BHC...	4.359	3.636	23378095	35070869	8.996	10.328
6)	B beta-BHC	4.552	3.930	11203813	17021874	10.455	12.080
12)	B 4,4'-DDE	6.229	5.268	224631	652058	0.106m	0.245 #
14)	MA Endrin	6.614	5.670	80954648	129.2E6	41.566	50.496
16)	A 4,4'-DDD	6.745	5.819	1508819	2807997	0.858	1.229 #
17)	MA 4,4'-DDT	7.060	6.069	168.3E6	253.5E6	88.859	110.747
18)	B Endrin al...	6.962	6.143	2586094	5557328	1.675	2.989 #
20)	A Methoxychlor	7.534	6.644	219.8E6	321.8E6	200.628	237.002
21)	B Endrin ke...	7.682	6.870	6239416	9946128	2.862	3.558

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
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Acq On : 08 Nov 2023 19:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

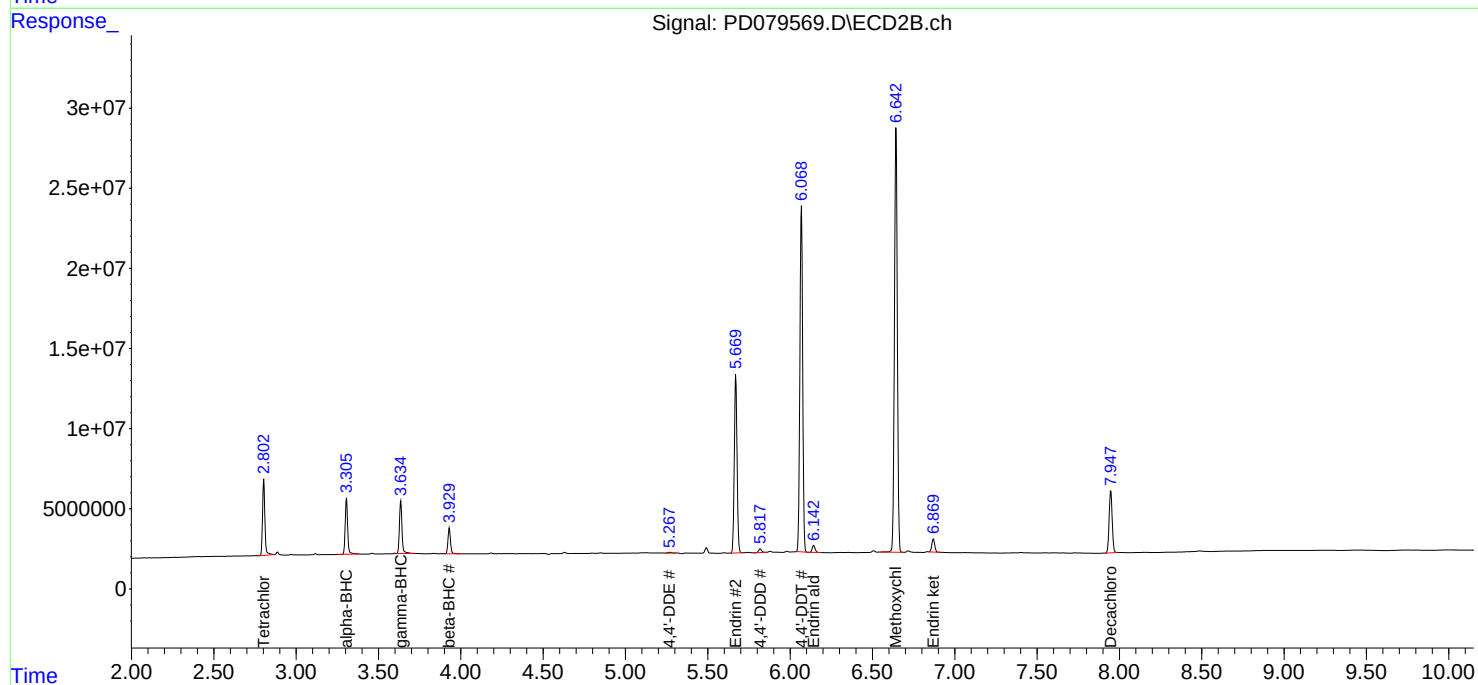
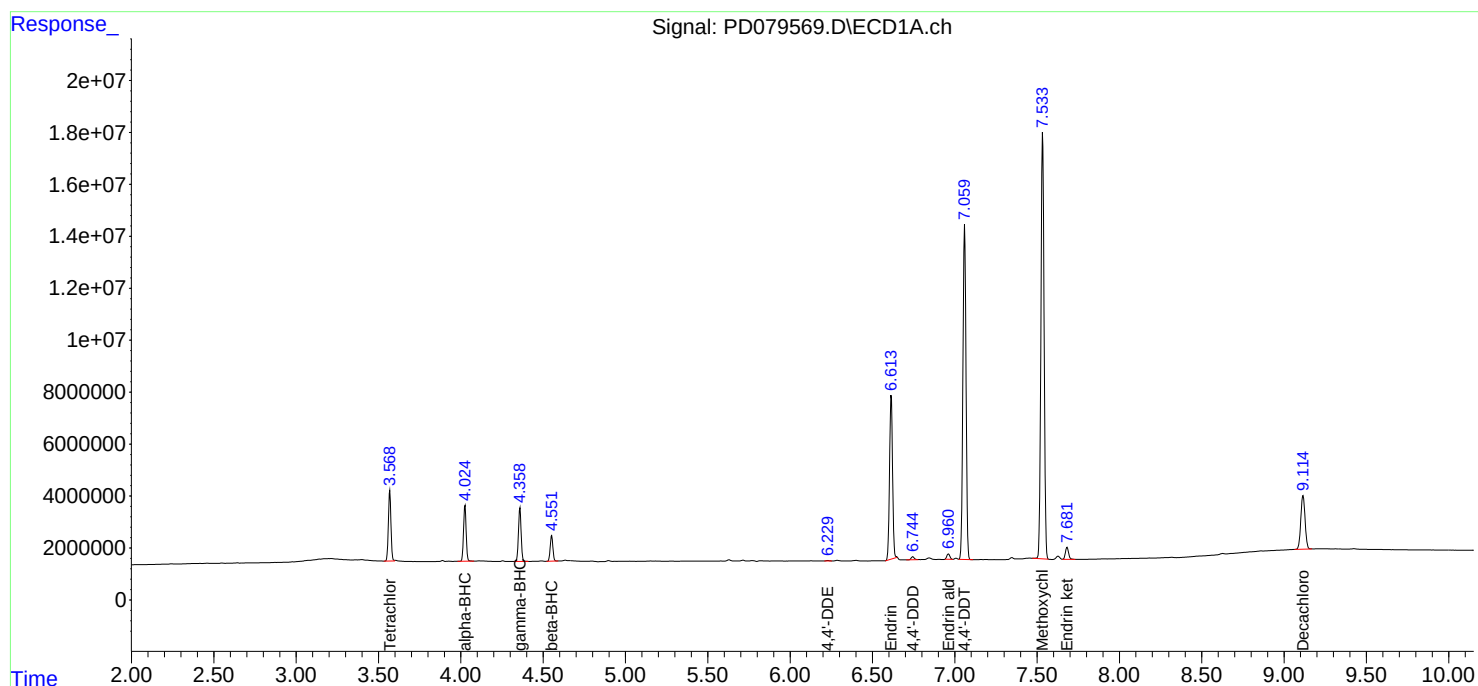
Instrument :
ECD_D
ClientSampleId :
PEM

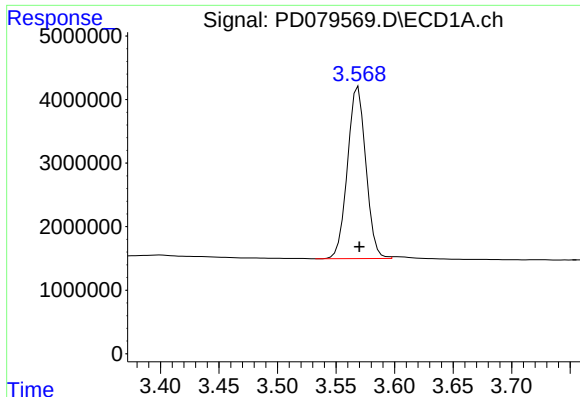
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
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Volume Inj. : 1 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





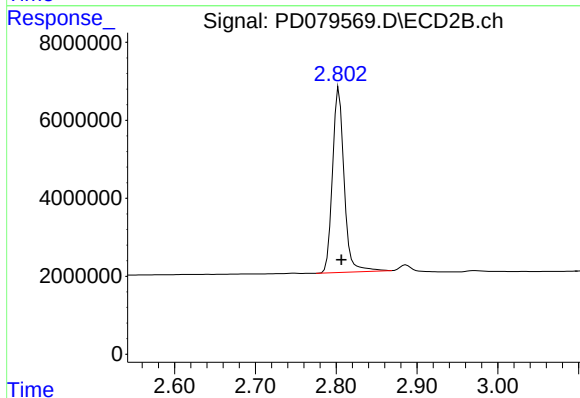
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 29550999
Conc: 18.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

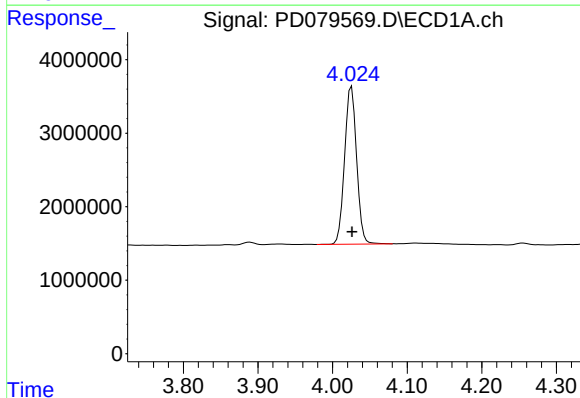
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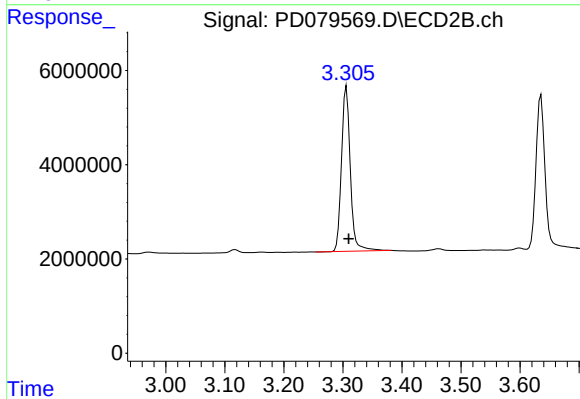
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 47494454
Conc: 20.51 ng/ml



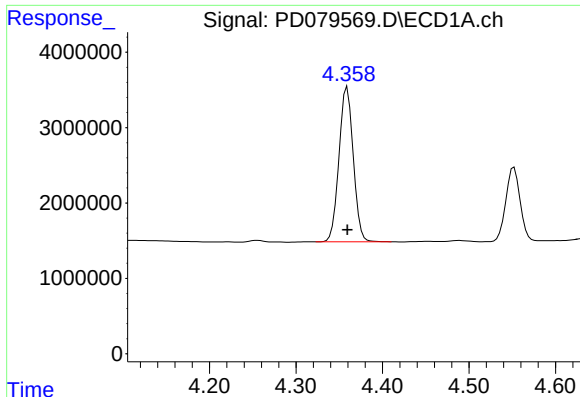
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 23908870
Conc: 8.98 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 36355842
Conc: 10.48 ng/ml



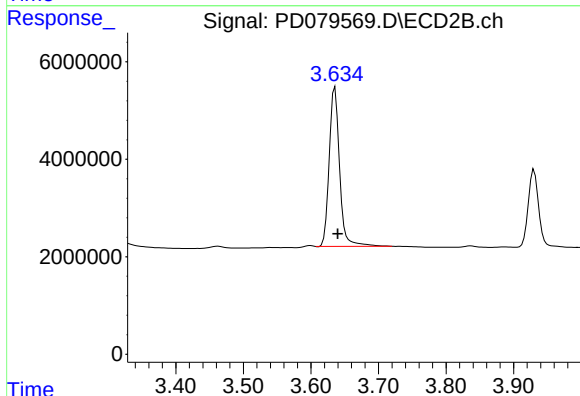
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 23378095
Conc: 9.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

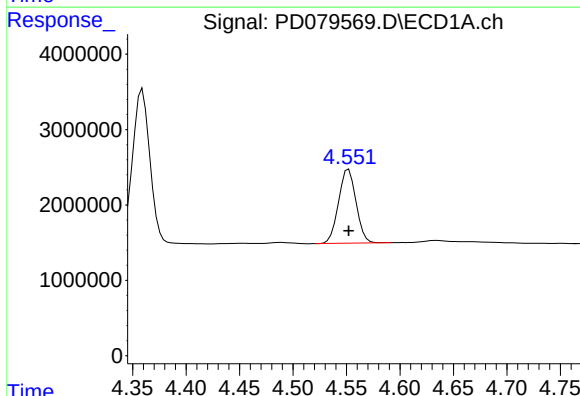
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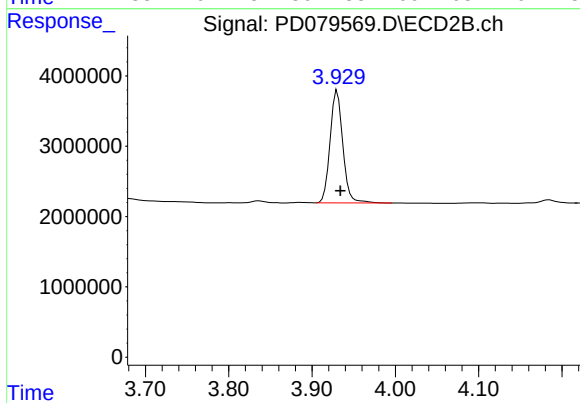
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 35070869
Conc: 10.33 ng/ml



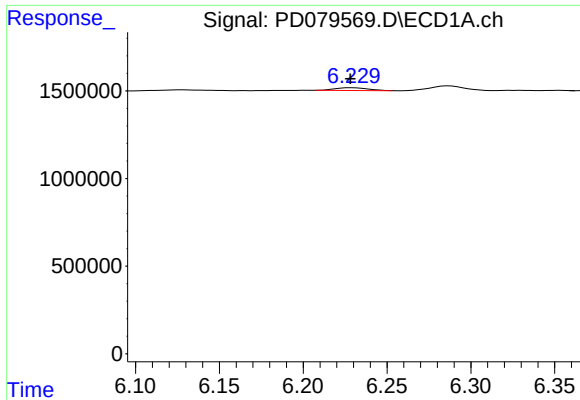
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 11203813
Conc: 10.46 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 17021874
Conc: 12.08 ng/ml



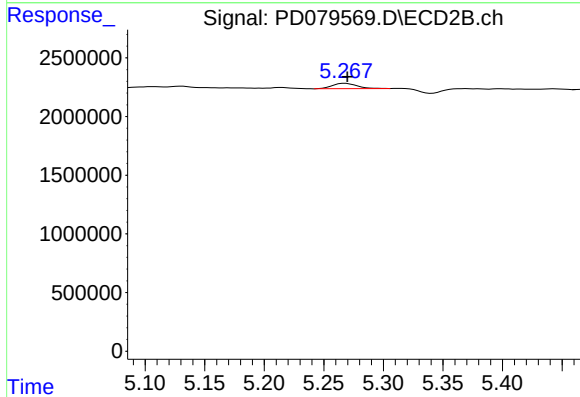
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 224631
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

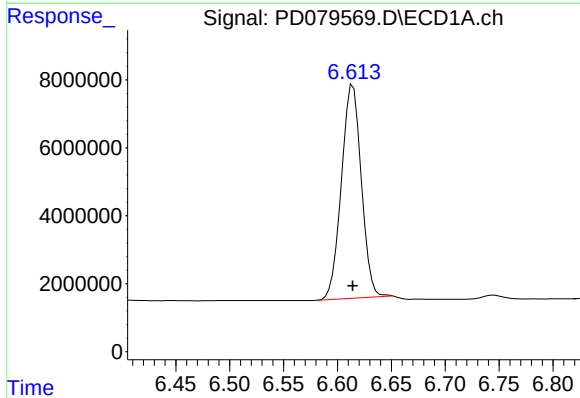
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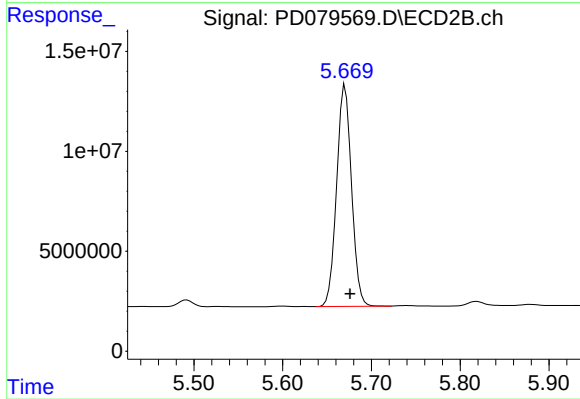
#12 4,4'-DDE

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 652058
Conc: 0.24 ng/ml



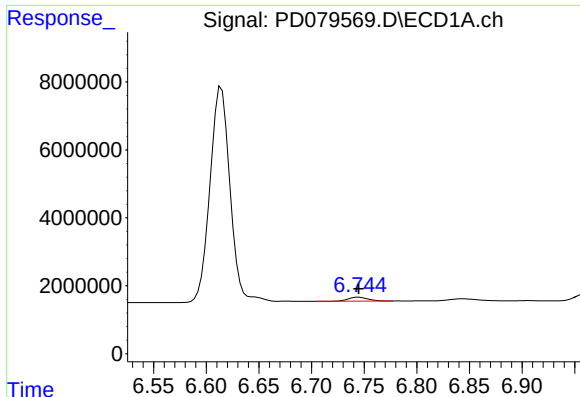
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 80954648
Conc: 41.57 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 129224957
Conc: 50.50 ng/ml



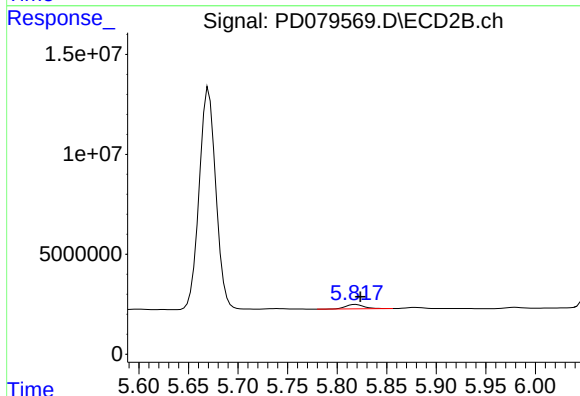
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1508819
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

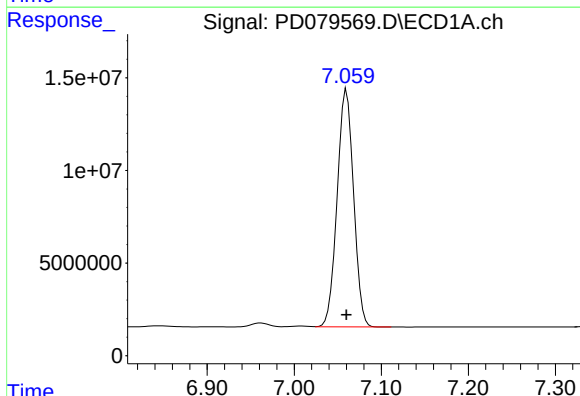
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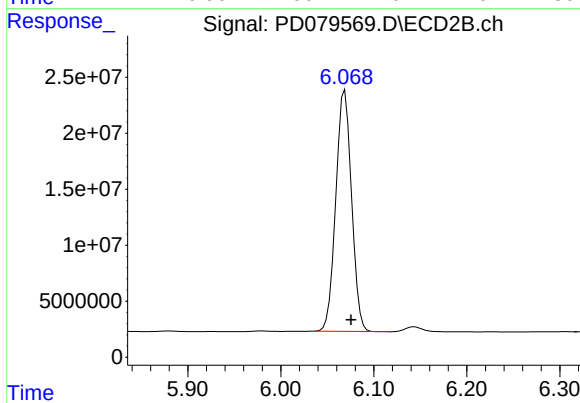
#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: -0.005 min
Response: 2807997
Conc: 1.23 ng/ml



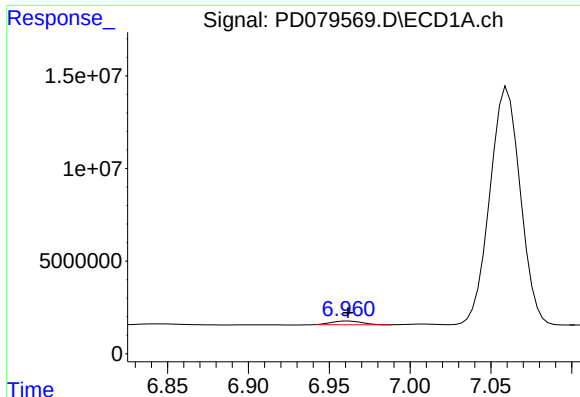
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 168270580
Conc: 88.86 ng/ml



#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 253542184
Conc: 110.75 ng/ml



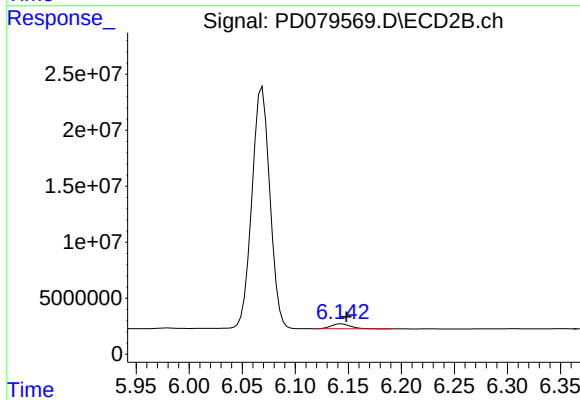
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2586094
Conc: 1.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

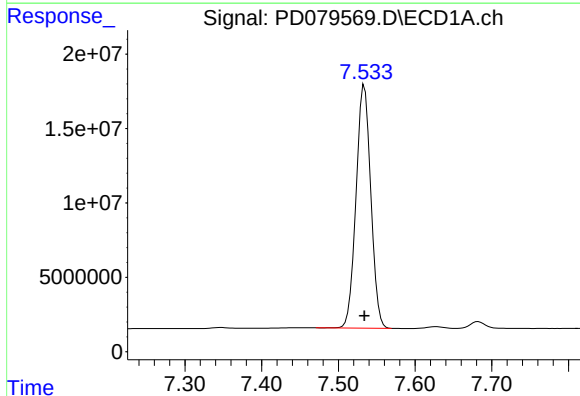
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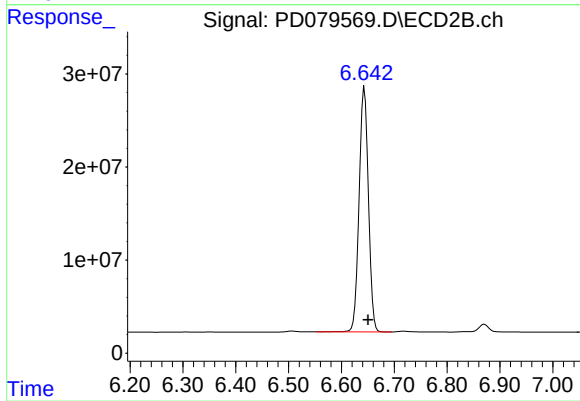
#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 5557328
Conc: 2.99 ng/ml



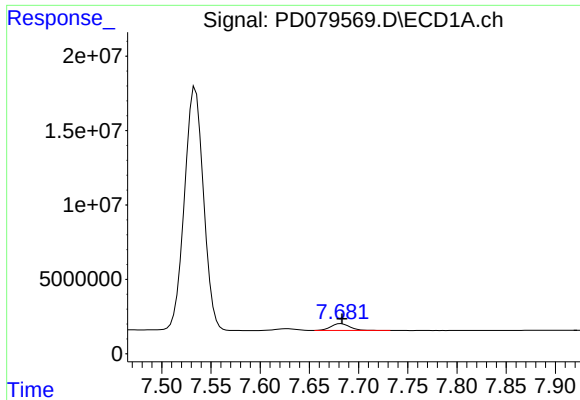
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 219843873
Conc: 200.63 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 321760764
Conc: 237.00 ng/ml



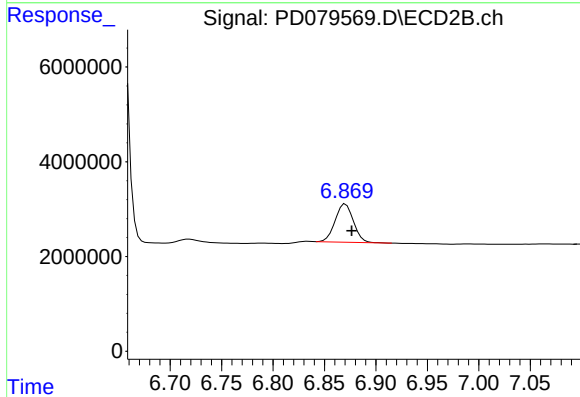
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 6239416
Conc: 2.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

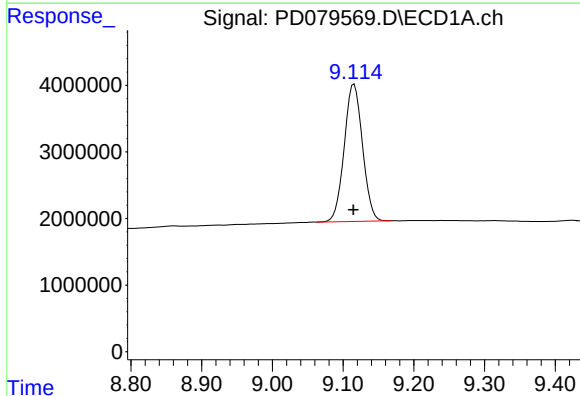
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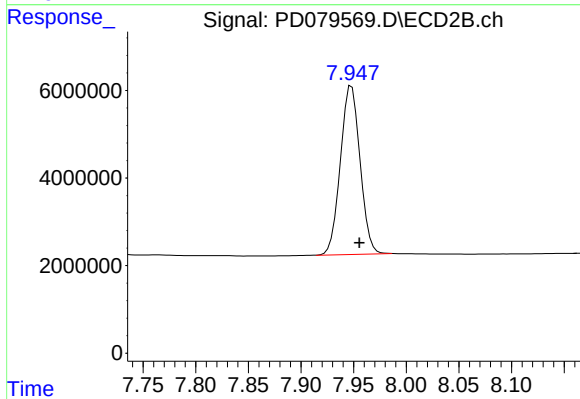
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: -0.006 min
Response: 9946128
Conc: 3.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 37081067
Conc: 18.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: -0.009 min
Response: 50265119
Conc: 20.62 ng/ml m