

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010422\
 Data File : PL071785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 16:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/05/2022
 Supervised By : Ankita Jodhani 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 01:52:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:51:06 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.556	5.493	9414659	25297891	20.380	20.590
28)	SA Decachlor...	10.314	11.383	15713061	24855687	21.732m	20.975
Target Compounds							
2)	A alpha-BHC	5.262	6.074	5653592	16869296	9.156	9.676
3)	MA gamma-BHC...	5.685	6.470	5629628	15571521	9.248	9.626
6)	B beta-BHC	6.069	6.729	3306290	8044362	12.220	11.259
12)	B 4,4'-DDE	7.552	8.493	176249	373892	0.318m	0.297
14)	MA Endrin	7.971	8.885	27435684	54254739	51.916	52.423
16)	A 4,4'-DDD	8.139	9.033	1370855	2780287	2.847	2.892
17)	MA 4,4'-DDT	8.400	9.349	53159875	100.4E6	111.386	106.494
18)	B Endrin al...	8.473	9.258	582512	621627	1.284	0.733 #
20)	A Methoxychlor	8.995	9.837	76037825	131.3E6	245.680	266.575
21)	B Endrin ke...	9.218	9.990	1792006	2136182	2.586m	1.893 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

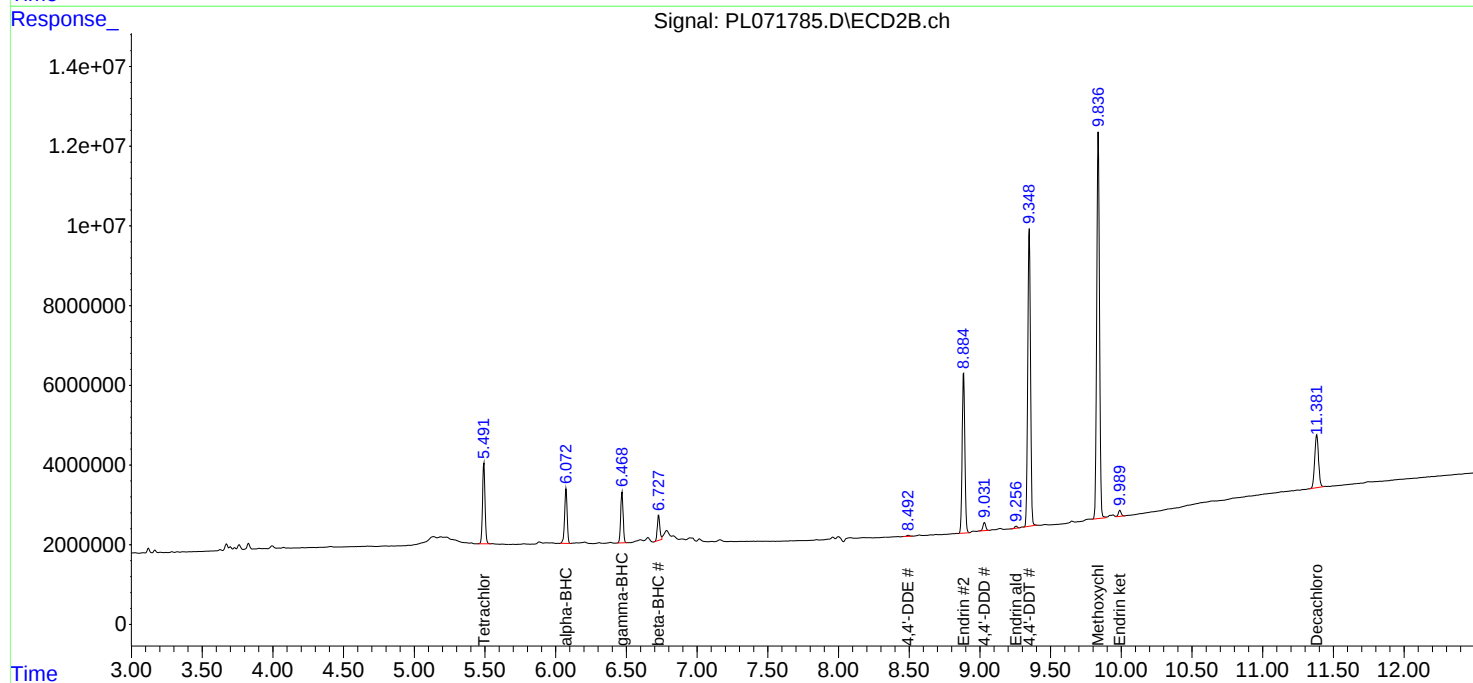
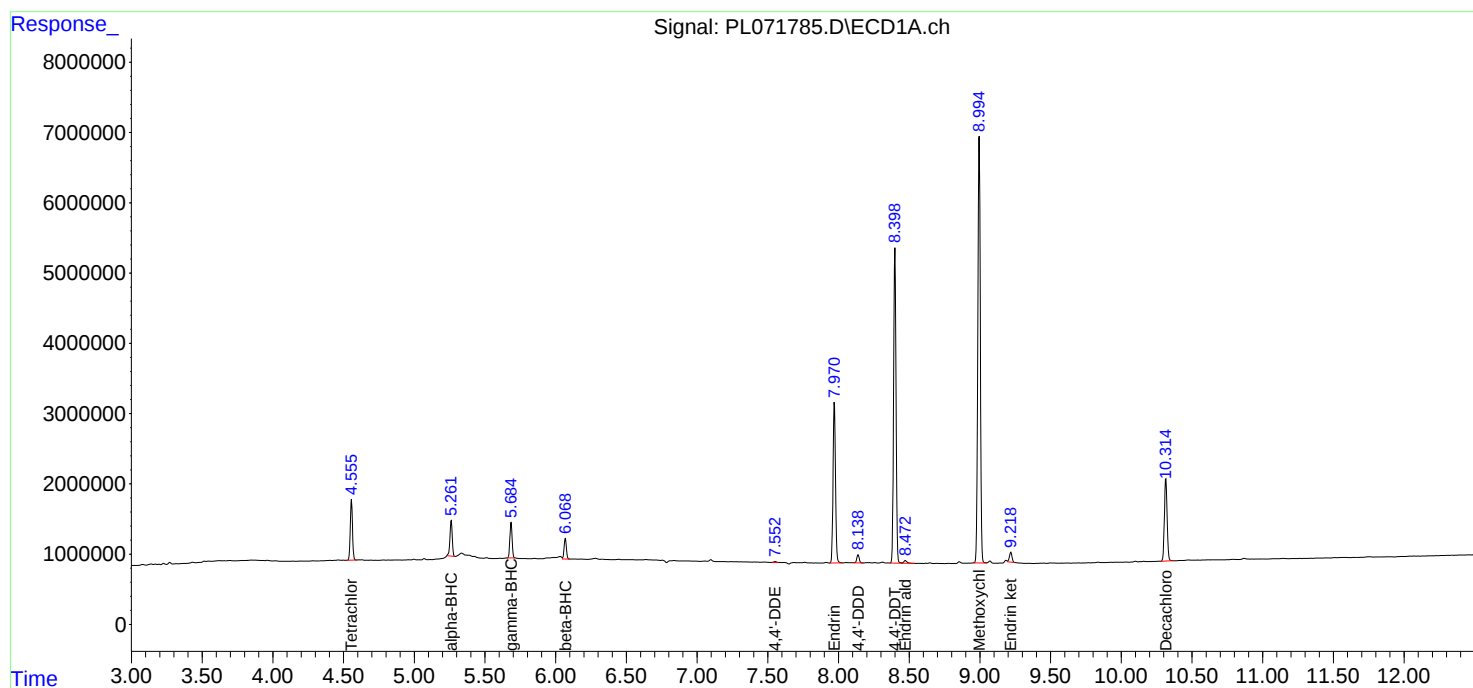
Instrument :
ECD_L
ClientSampleId :
PEM

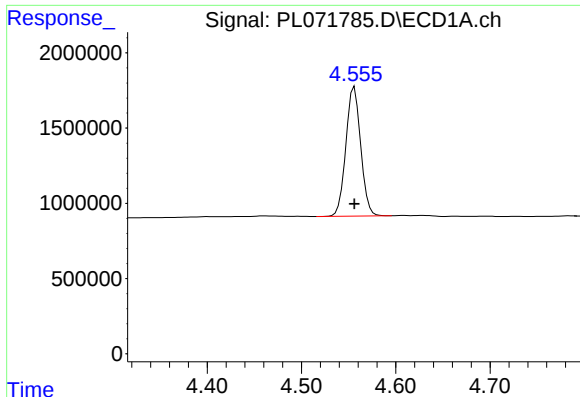
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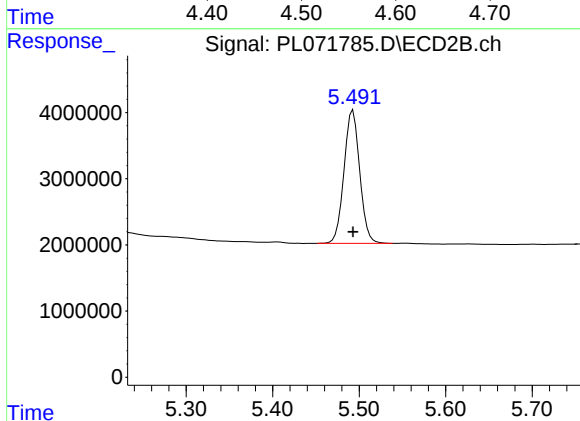
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 9414659
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

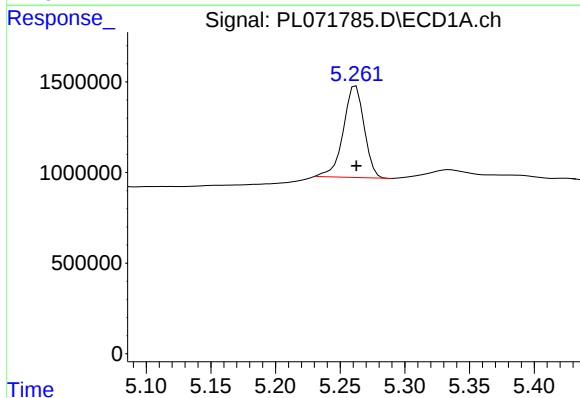
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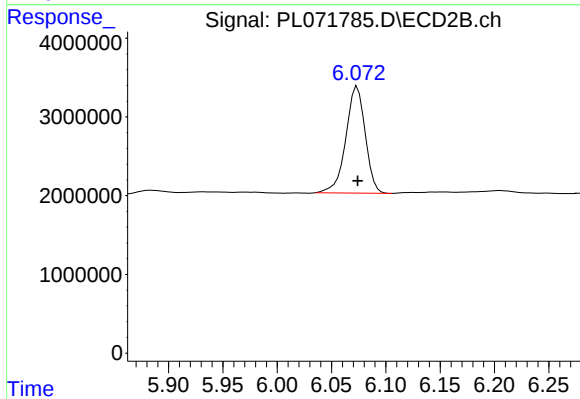
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 25297891
Conc: 20.59 ng/ml



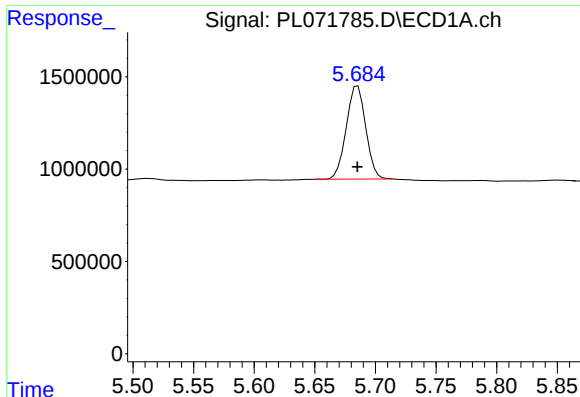
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 5653592
Conc: 9.16 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 16869296
Conc: 9.68 ng/ml



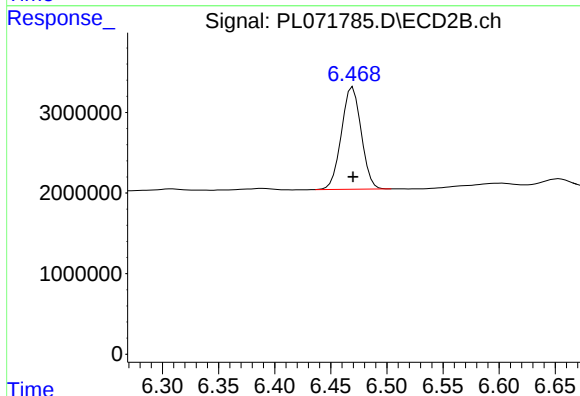
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 5629628
Conc: 9.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

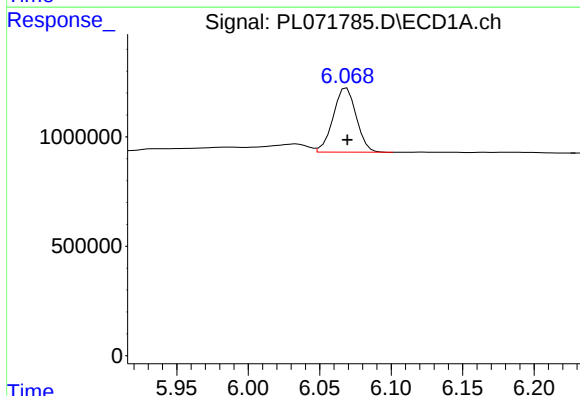
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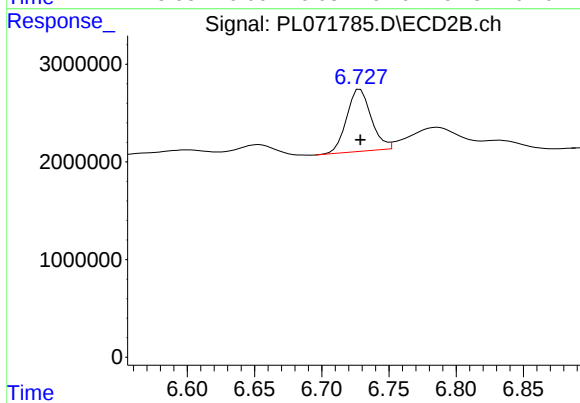
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 15571521
Conc: 9.63 ng/ml



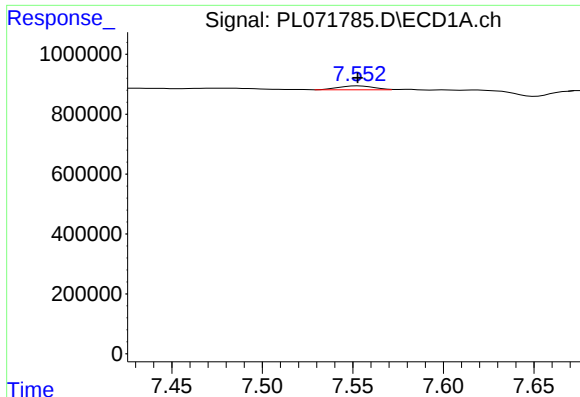
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 3306290
Conc: 12.22 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 8044362
Conc: 11.26 ng/ml



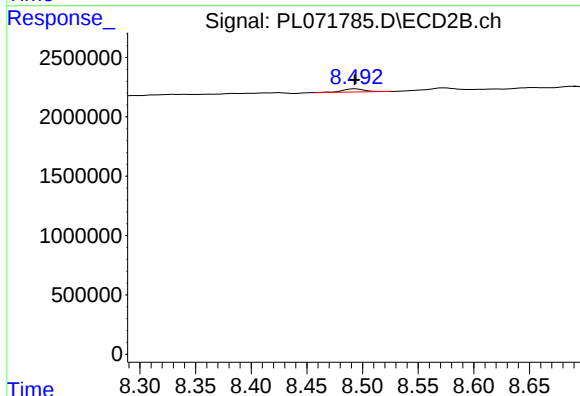
#12 4,4'-DDE

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 176249
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

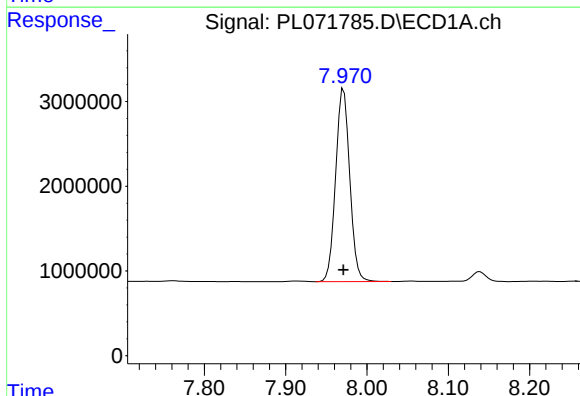
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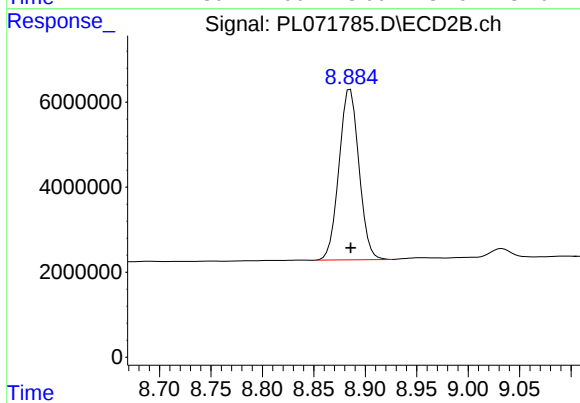
#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 373892
Conc: 0.30 ng/ml



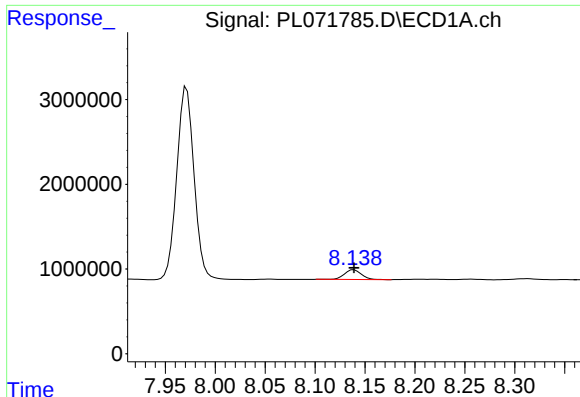
#14 Endrin

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 27435684
Conc: 51.92 ng/ml



#14 Endrin

R.T.: 8.885 min
Delta R.T.: 0.000 min
Response: 54254739
Conc: 52.42 ng/ml



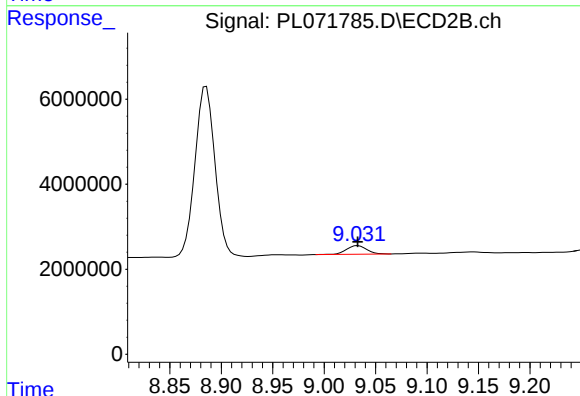
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: 0.000 min
Response: 1370855
Conc: 2.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

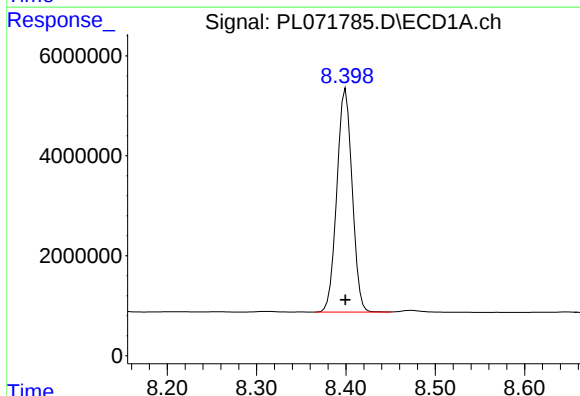
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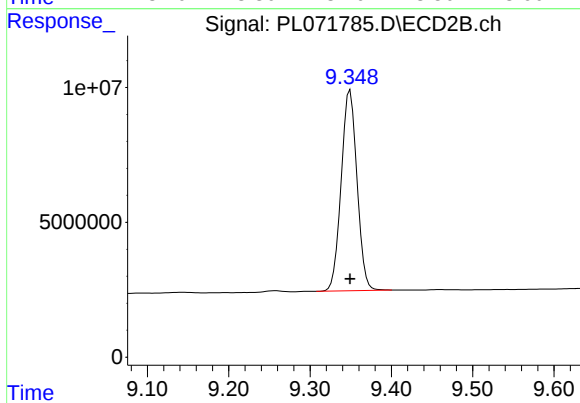
#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: 0.000 min
Response: 2780287
Conc: 2.89 ng/ml



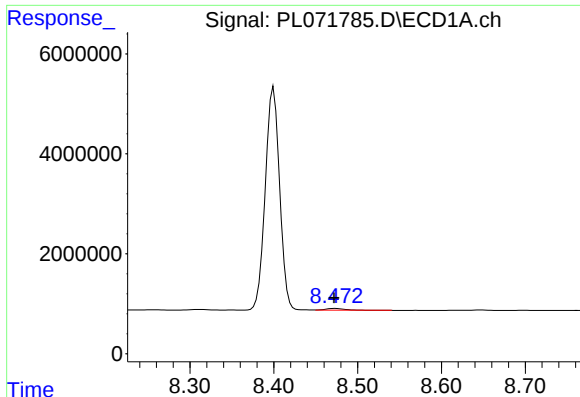
#17 4,4'-DDT

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 53159875
Conc: 111.39 ng/ml



#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: 0.000 min
Response: 100427186
Conc: 106.49 ng/ml



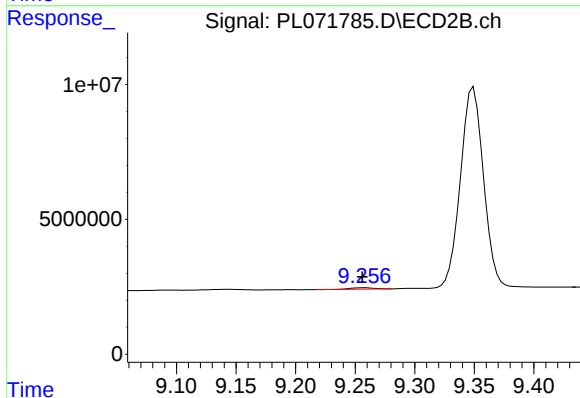
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: 0.001 min
Response: 582512
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

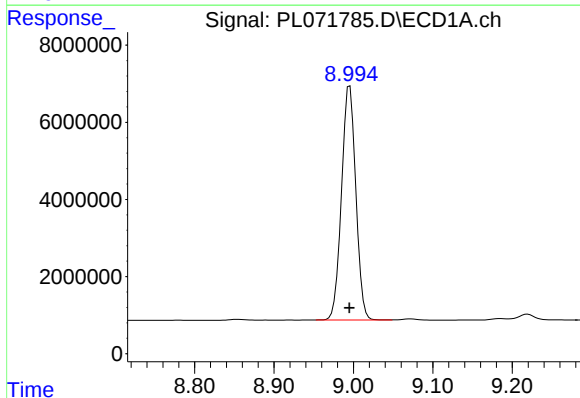
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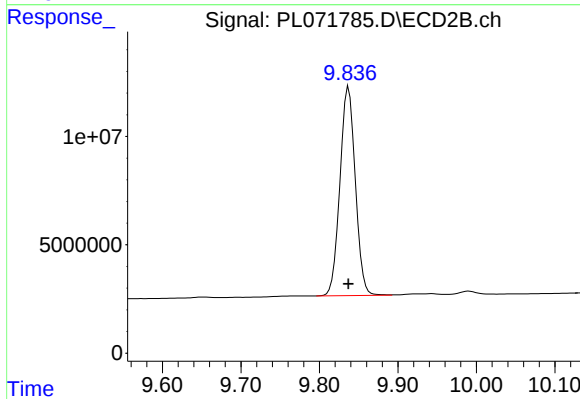
#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: 0.001 min
Response: 621627
Conc: 0.73 ng/ml



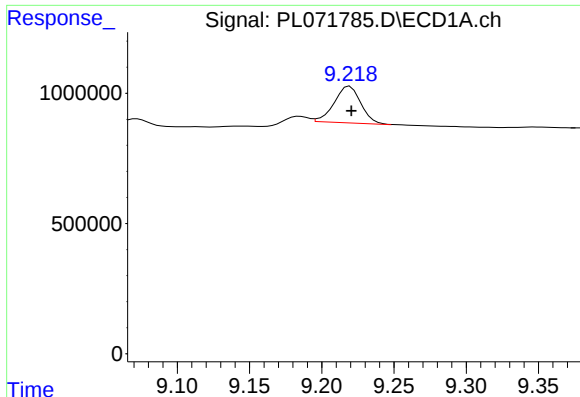
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 76037825
Conc: 245.68 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 131266472
Conc: 266.57 ng/ml



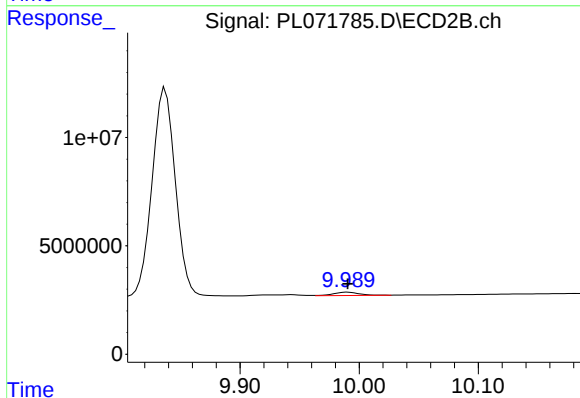
#21 Endrin ketone

R.T.: 9.218 min
Delta R.T.: -0.003 min
Response: 1792006
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

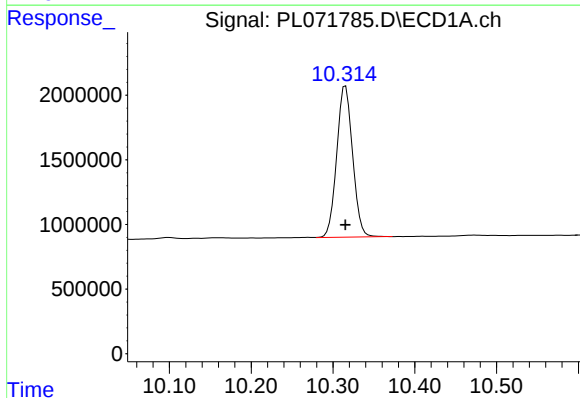
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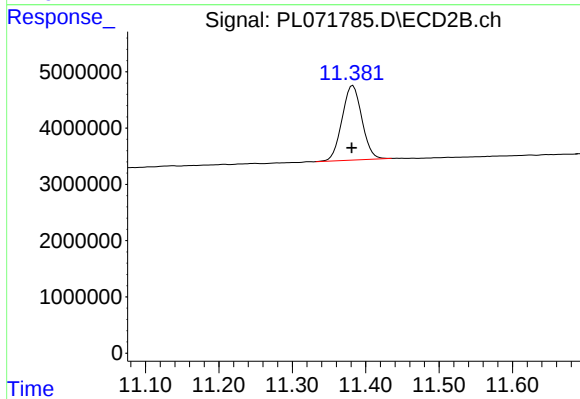
#21 Endrin ketone

R.T.: 9.990 min
Delta R.T.: 0.000 min
Response: 2136182
Conc: 1.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.001 min
Response: 15713061
Conc: 21.73 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: 0.002 min
Response: 24855687
Conc: 20.97 ng/ml