

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020822\
 Data File : PL072543.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2022 20:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/09/2022
 Supervised By : Ankita Jodhani 02/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 05:52:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.557	5.492	10366822	37114542	21.530	21.486
28)	SA Decachlor...	10.317	11.385	17142546	36327808	22.644	22.909
Target Compounds							
2)	A alpha-BHC	5.263	6.074	6244740	23788292	9.471	9.934
3)	MA gamma-BHC...	5.686	6.470	6120960	24054934	9.739	10.447
6)	B beta-BHC	6.069	6.731	3405275	12007286	13.743m	11.778
12)	B 4,4'-DDE	7.554	8.493	182625	549348	0.301m	0.294m
14)	MA Endrin	7.972	8.887	31431312	87450127	53.655	55.501
16)	A 4,4'-DDD	8.141	9.035	920363	2892144	1.913	2.090
17)	MA 4,4'-DDT	8.401	9.352	62279576	171.9E6	115.744	112.269
18)	B Endrin al...	8.475	9.257	512992	893039	1.177	0.793m#
20)	A Methoxychlor	8.998	9.841	88161398	216.5E6	250.726	267.446
21)	B Endrin ke...	9.220	9.991	1360342	2456179	1.979m	1.542m

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

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Sample : PEM
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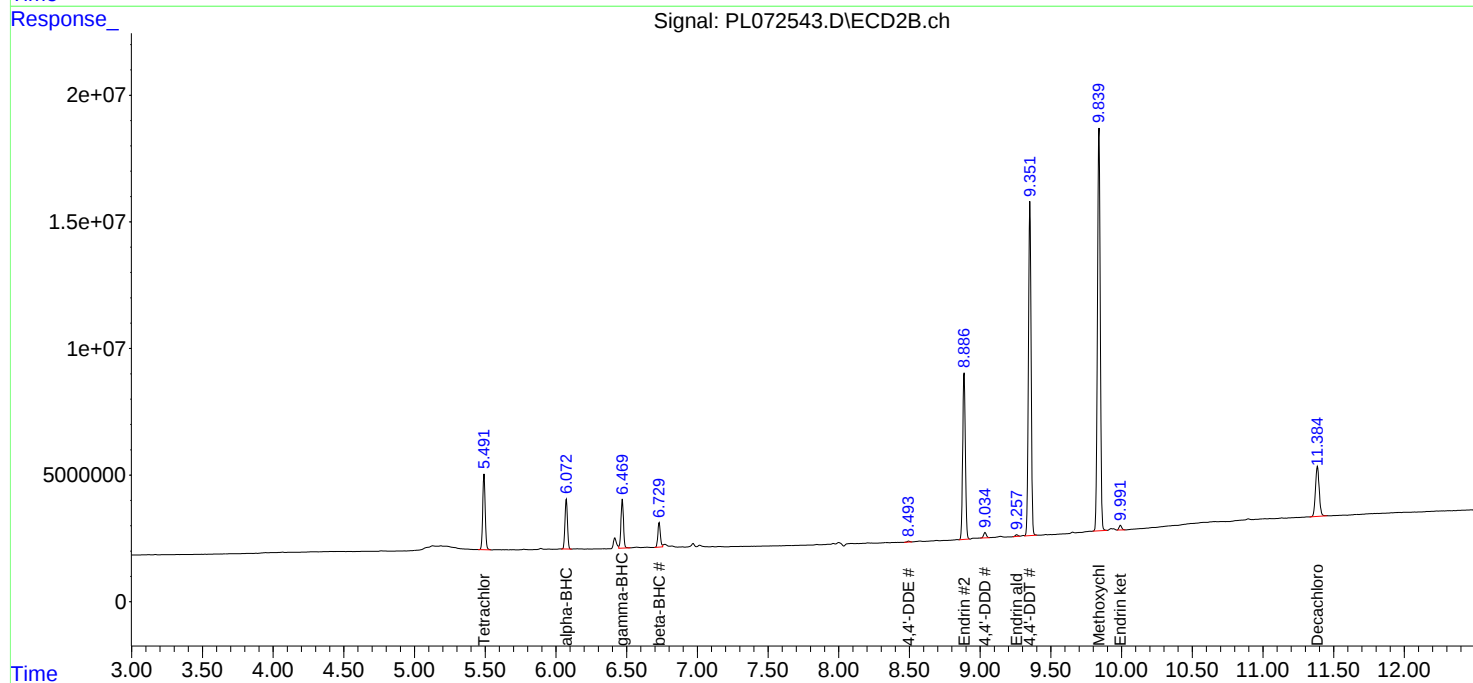
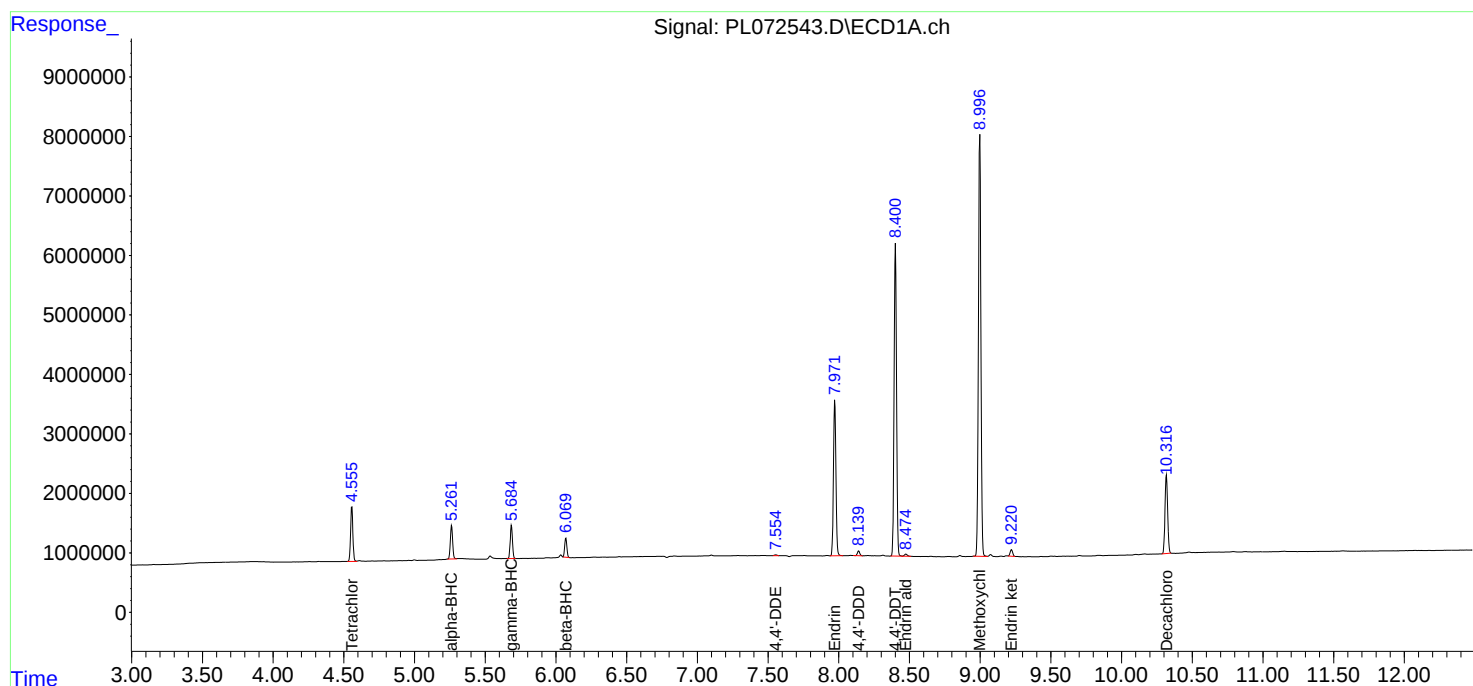
Instrument :
ECD_L
ClientSampleId :
PEM

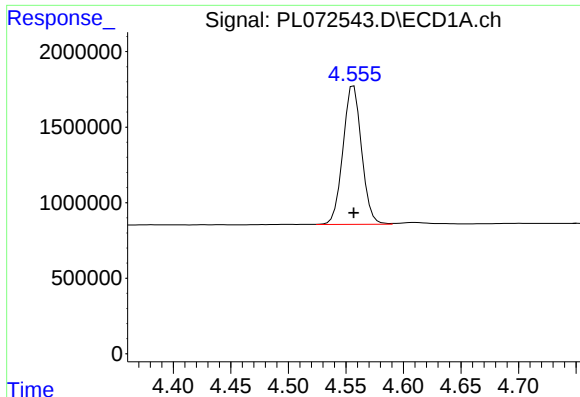
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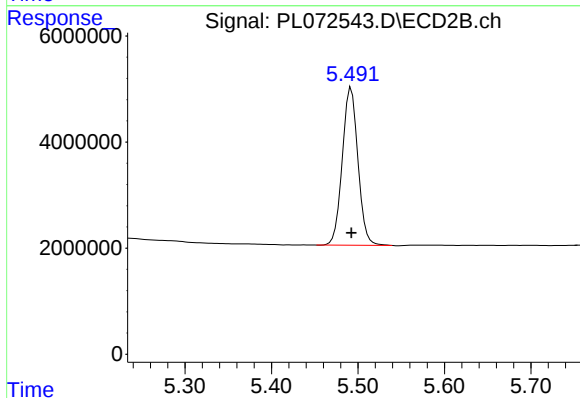
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 10366822
Conc: 21.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

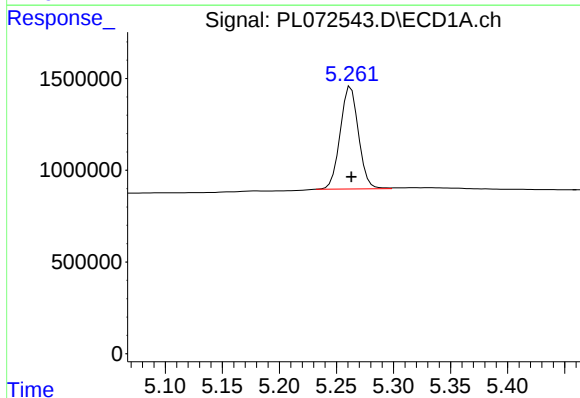
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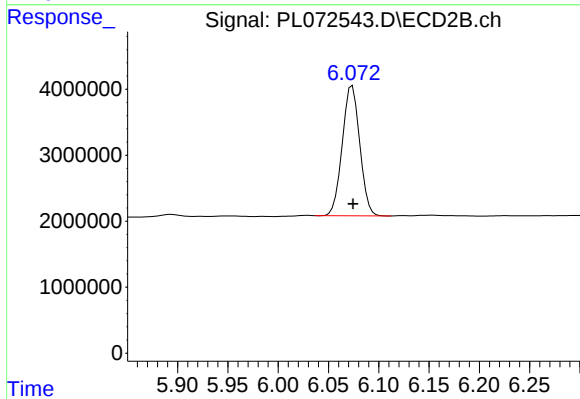
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 37114542
Conc: 21.49 ng/ml



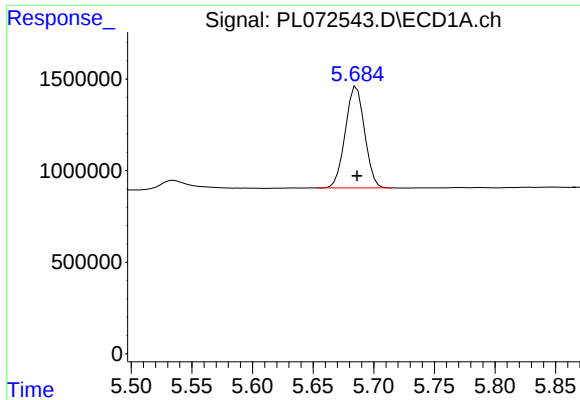
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 6244740
Conc: 9.47 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 23788292
Conc: 9.93 ng/ml



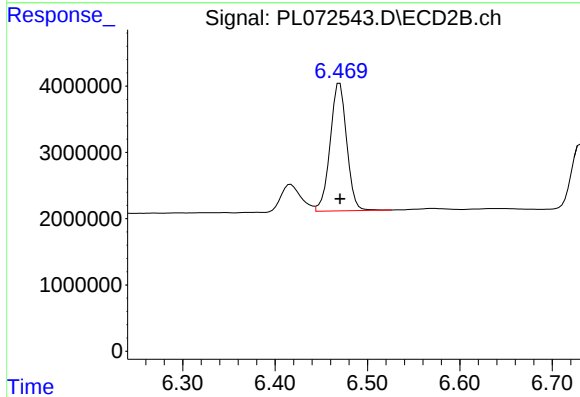
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 6120960
Conc: 9.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

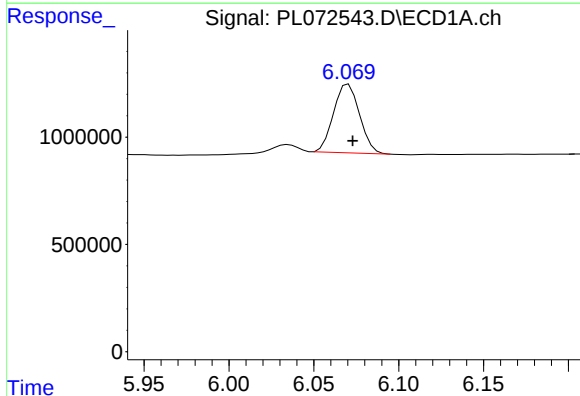
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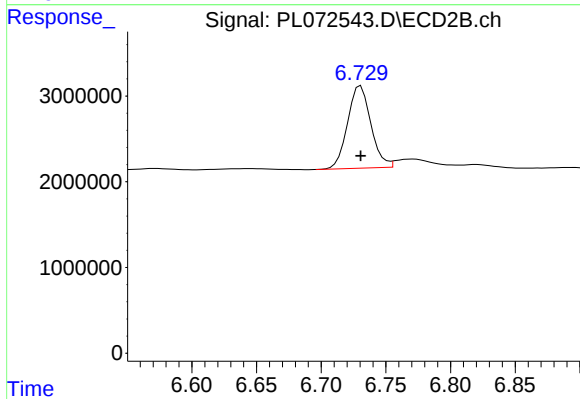
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 24054934
Conc: 10.45 ng/ml



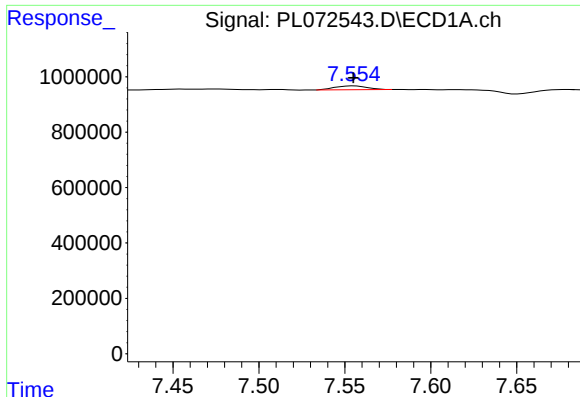
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 3405275
Conc: 13.74 ng/ml m



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 12007286
Conc: 11.78 ng/ml



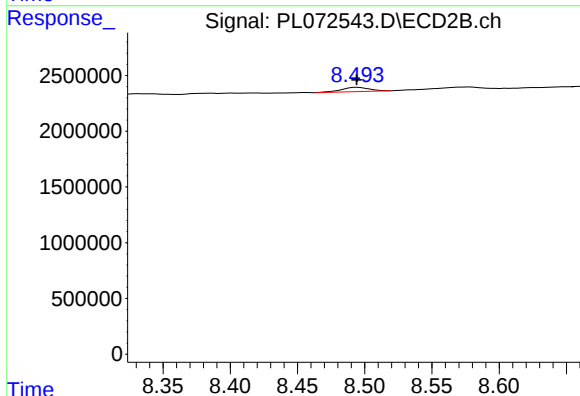
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 182625
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

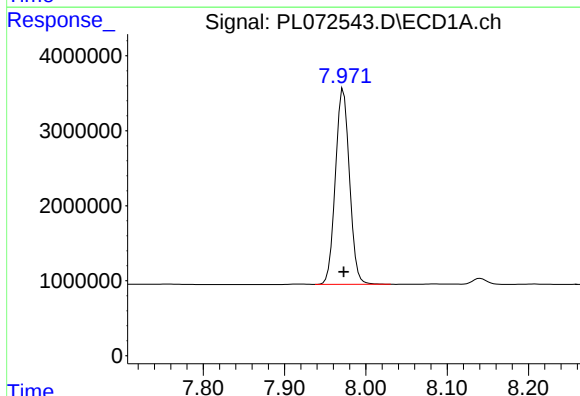
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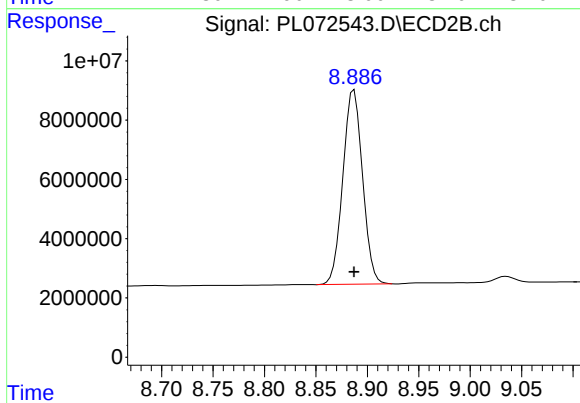
#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 549348
Conc: 0.29 ng/ml m



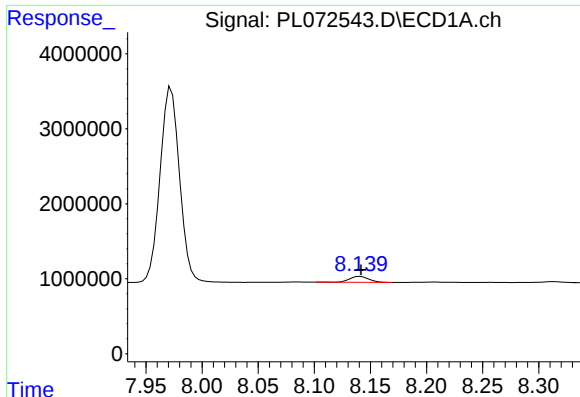
#14 Endrin

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 31431312
Conc: 53.65 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 87450127
Conc: 55.50 ng/ml



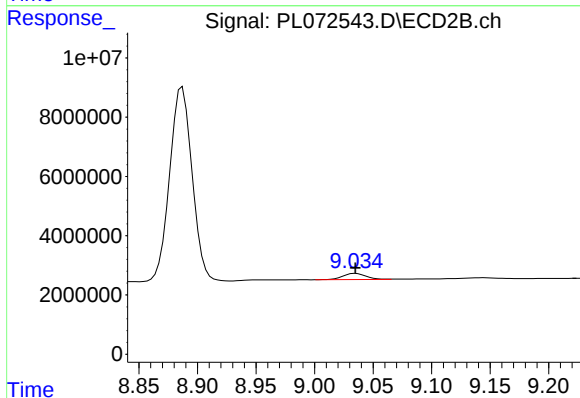
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 920363
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

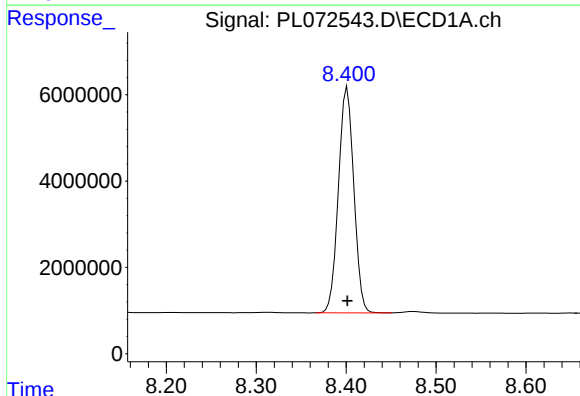
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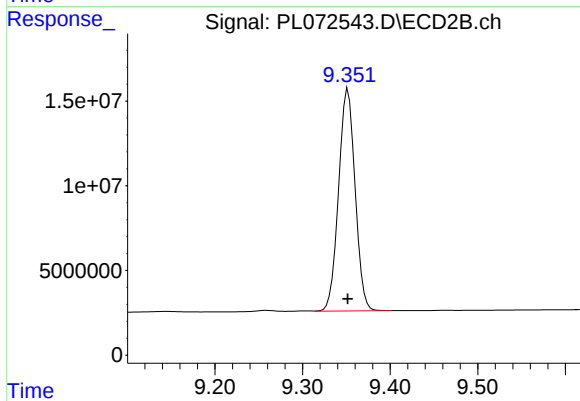
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 2892144
Conc: 2.09 ng/ml



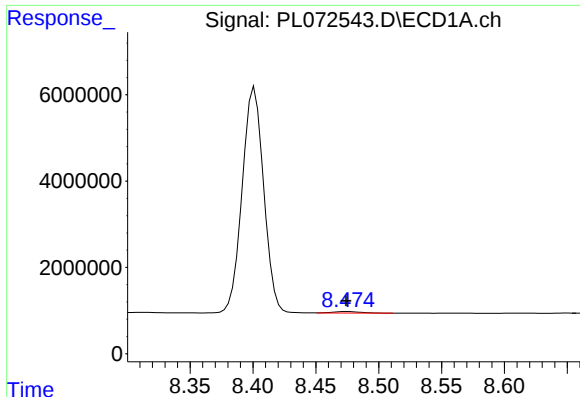
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 62279576
Conc: 115.74 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 171867074
Conc: 112.27 ng/ml



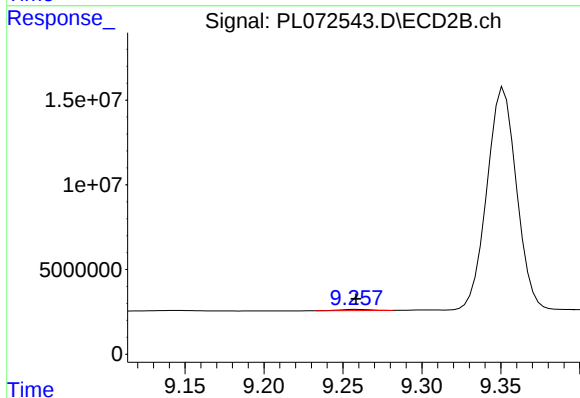
#18 Endrin aldehyde

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 512992
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

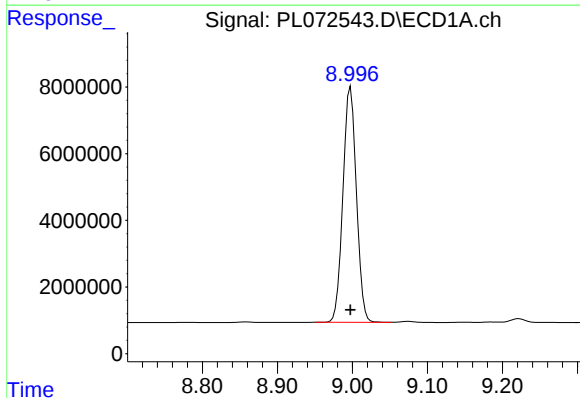
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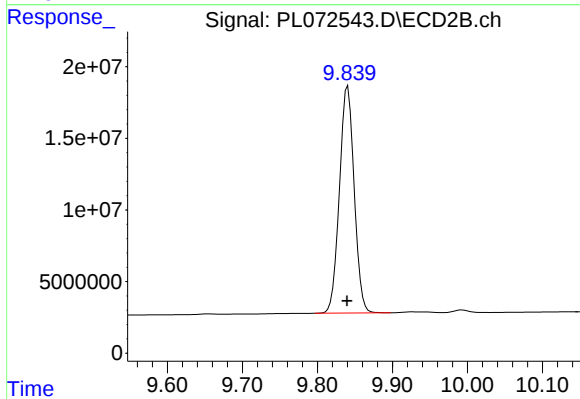
#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.001 min
Response: 893039
Conc: 0.79 ng/ml m



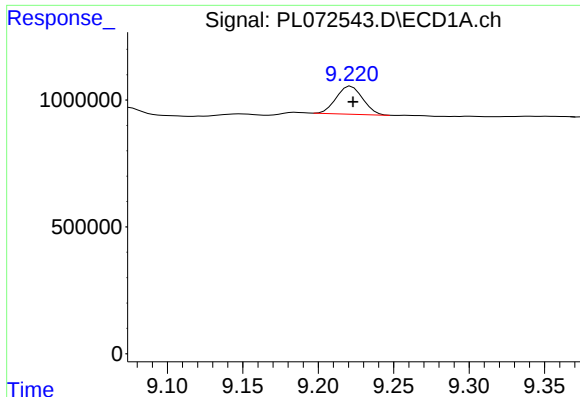
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 88161398
Conc: 250.73 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: 0.001 min
Response: 216538707
Conc: 267.45 ng/ml



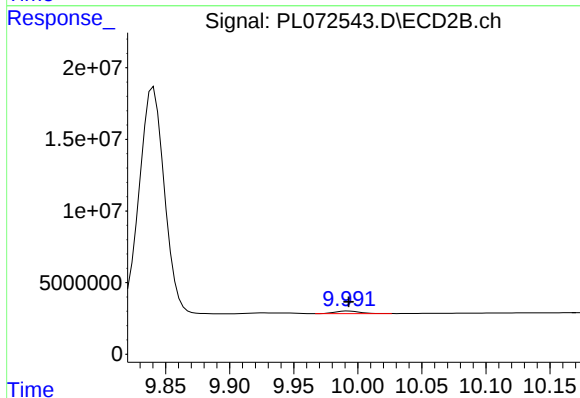
#21 Endrin ketone

R.T.: 9.220 min
Delta R.T.: -0.003 min
Response: 1360342
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

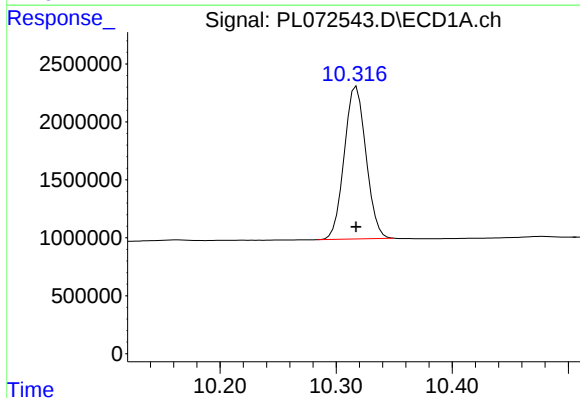
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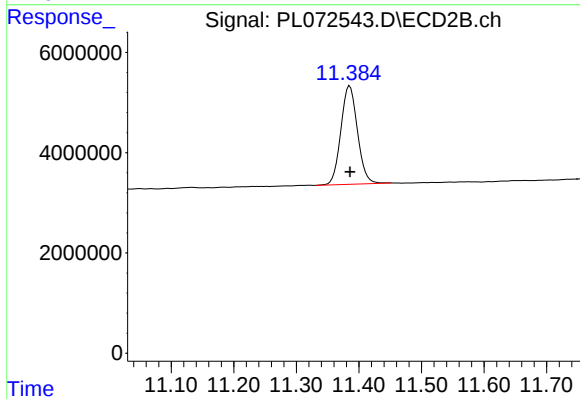
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 2456179
Conc: 1.54 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 17142546
Conc: 22.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 36327808
Conc: 22.91 ng/ml