

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
 Data File : PL083162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2023 18:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2023
 Supervised By : Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 21:19:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.315	2.635	52024392	48516783	17.701	18.688
28)	SA Decachlor...	8.729	7.737	40651029	47090314	19.382	18.938
Target Compounds							
2)	A alpha-BHC	3.763	3.130	35979633	30950068	8.105	8.294
3)	MA gamma-BHC...	4.091	3.456	34606671	29051480	8.353	8.716
6)	B beta-BHC	4.296	3.757	19793859	14974527	10.513	10.471
12)	B 4,4'-DDE	5.942	5.064	515887	338113	0.187	0.139m#
14)	MA Endrin	6.313	5.469	99864216	98064082	37.162	38.654
16)	A 4,4'-DDD	6.458	5.620	13823070	12008567	6.361	6.244
17)	MA 4,4'-DDT	6.769	5.866	199.3E6	191.6E6	79.638	85.859m
18)	B Endrin al...	6.667	5.944	4654241	4885580	2.315	2.471m
20)	A Methoxychlor	7.250	6.447	257.0E6	252.4E6	194.354	198.453
21)	B Endrin ke...	7.378	6.669	10745046	12393205	4.212m	4.584m

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

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Acq On : 01 Jun 2023 18:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

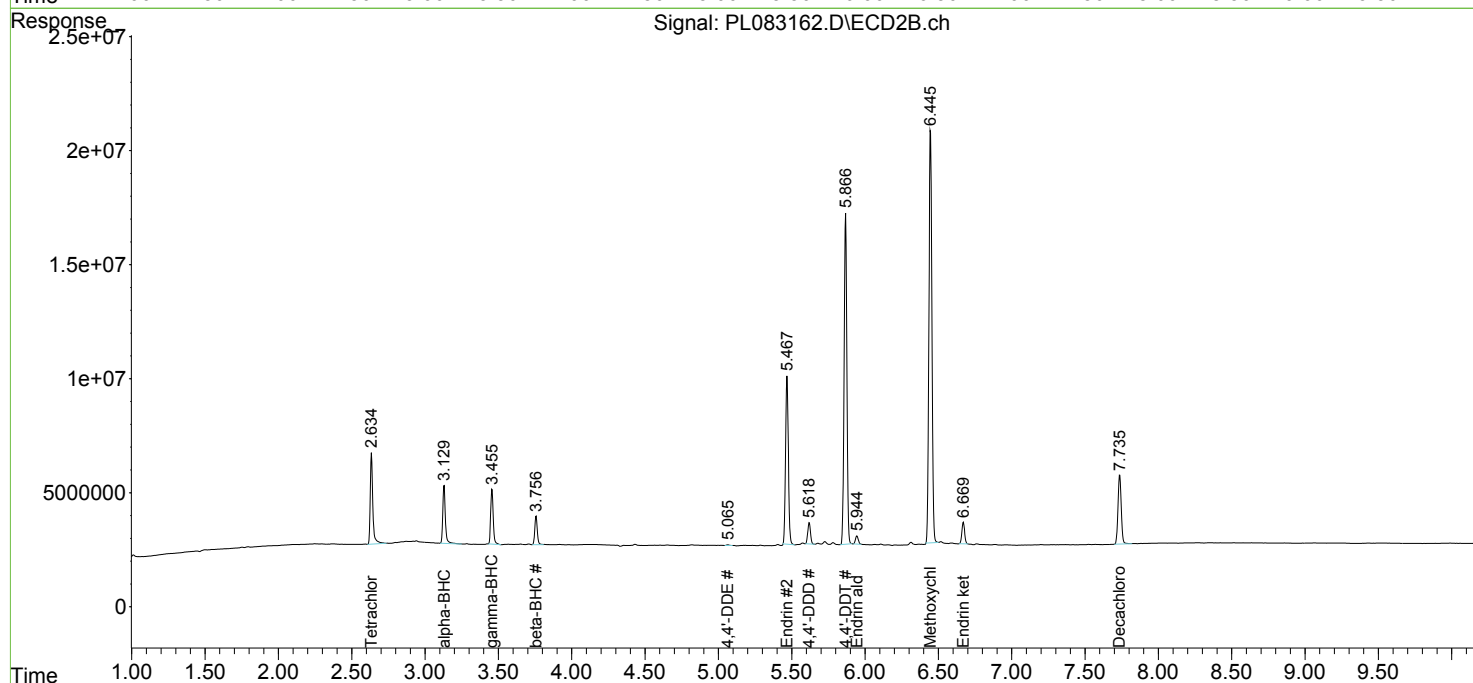
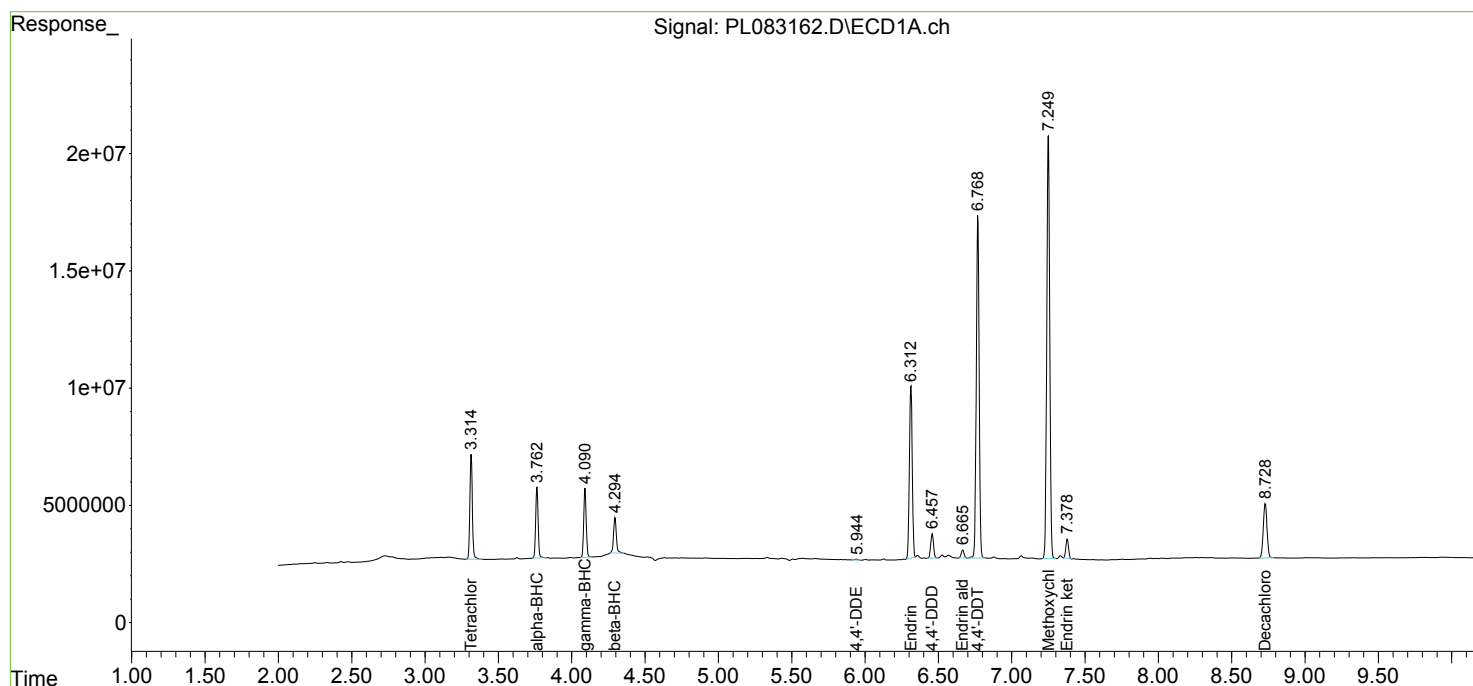
Instrument :
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ClientSampleId :
PEM

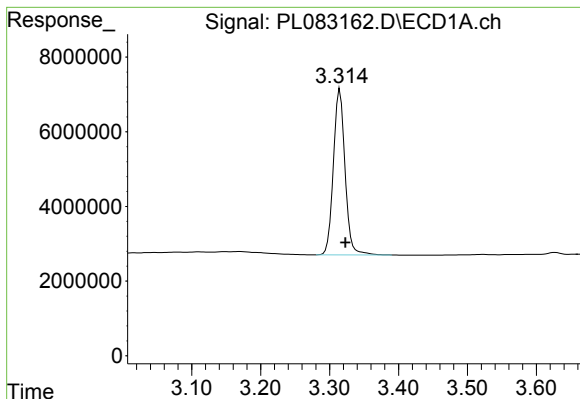
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Integration File signal 1: autoint1.e
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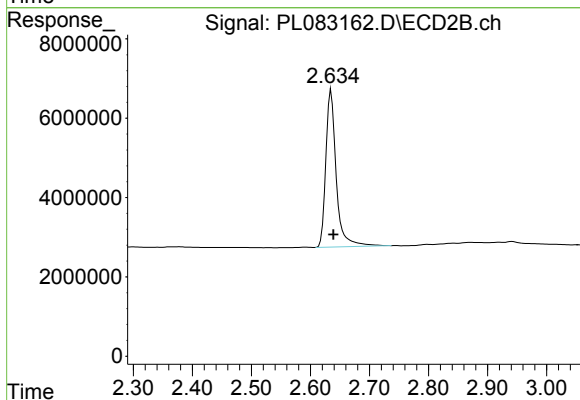
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 52024392
Conc: 17.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

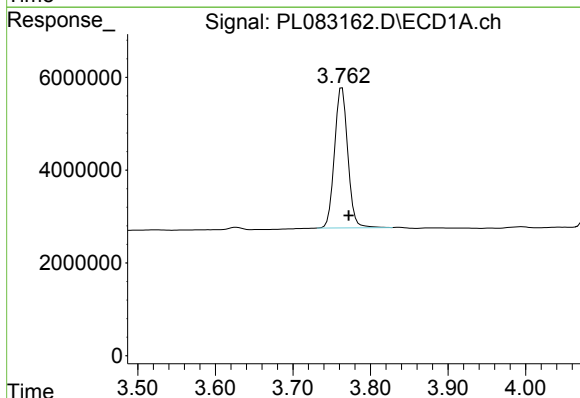
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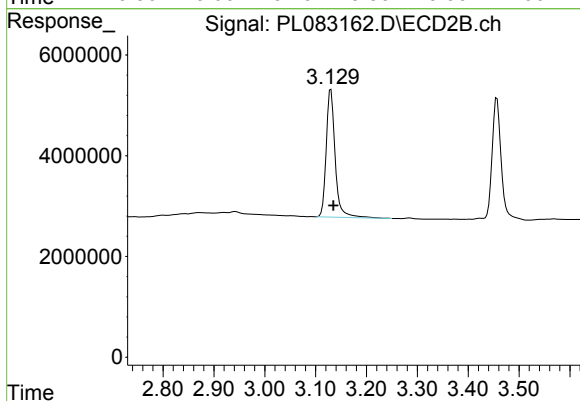
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 48516783
Conc: 18.69 ng/ml



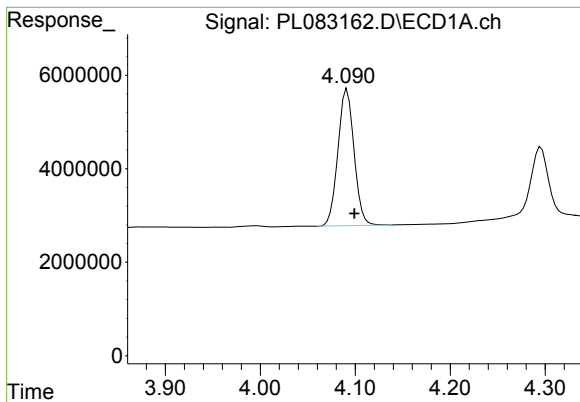
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 35979633
Conc: 8.10 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 30950068
Conc: 8.29 ng/ml



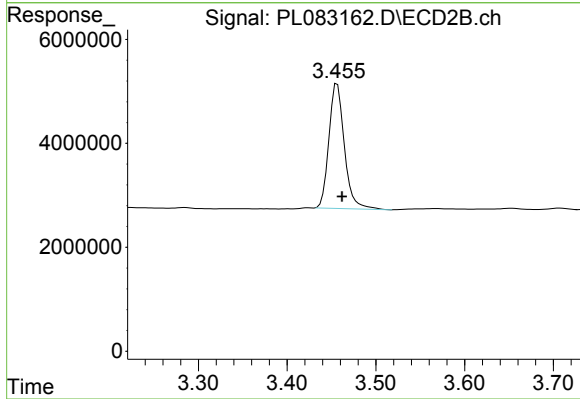
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 34606671
Conc: 8.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

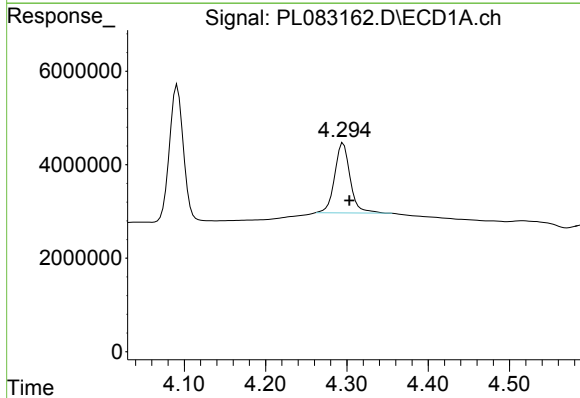
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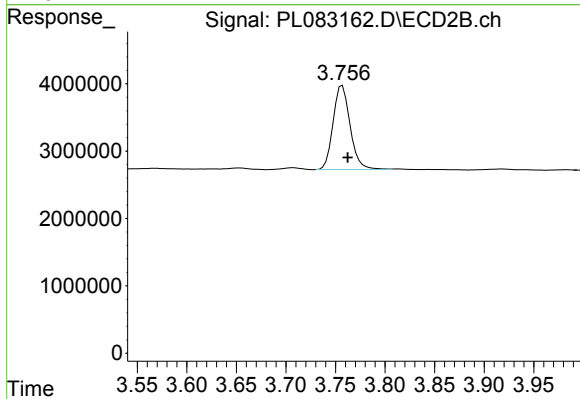
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: -0.005 min
Response: 29051480
Conc: 8.72 ng/ml



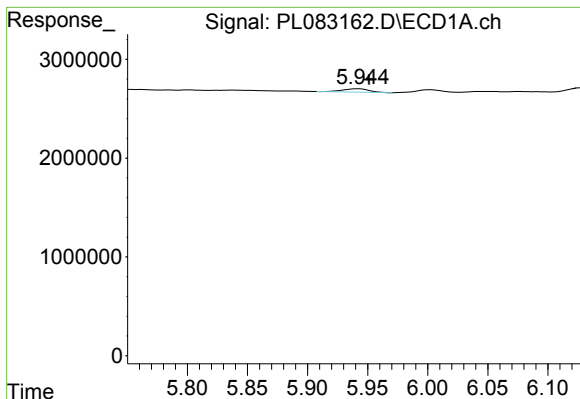
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 19793859
Conc: 10.51 ng/ml



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: -0.005 min
Response: 14974527
Conc: 10.47 ng/ml



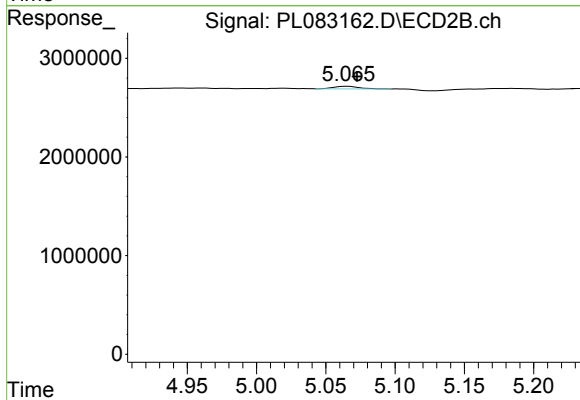
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 515887
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

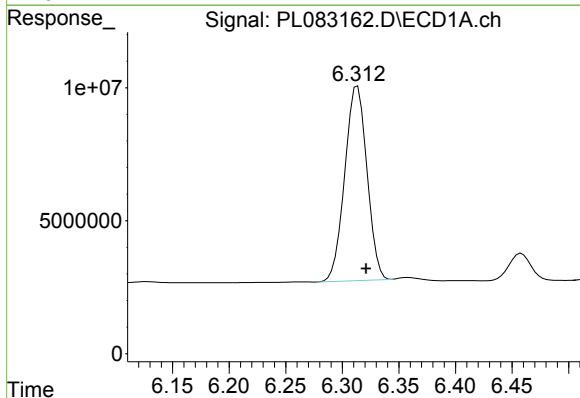
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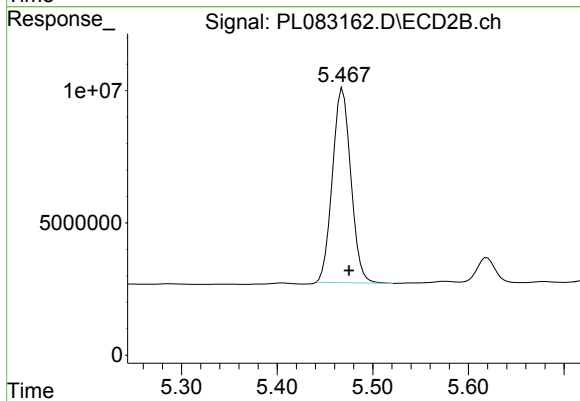
#12 4,4'-DDE

R.T.: 5.064 min
Delta R.T.: -0.008 min
Response: 338113
Conc: 0.14 ng/ml m



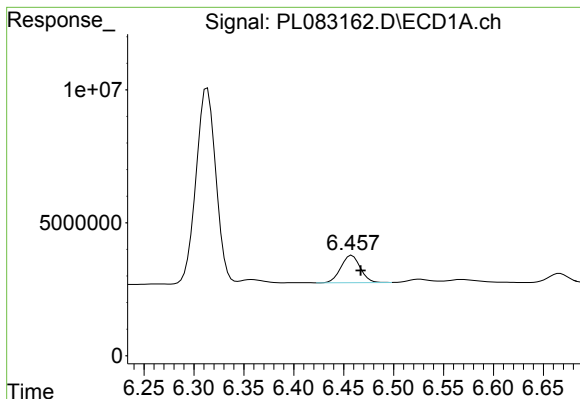
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 99864216
Conc: 37.16 ng/ml



#14 Endrin

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 98064082
Conc: 38.65 ng/ml



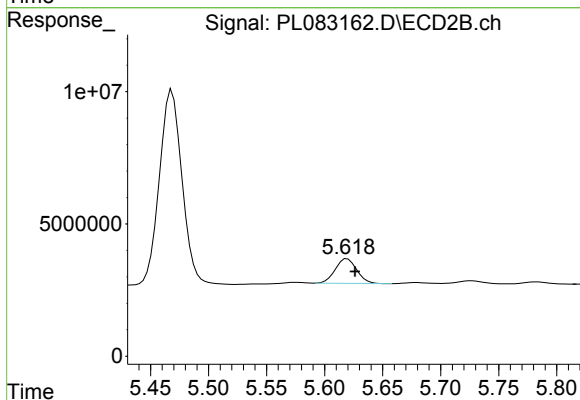
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 13823070
Conc: 6.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

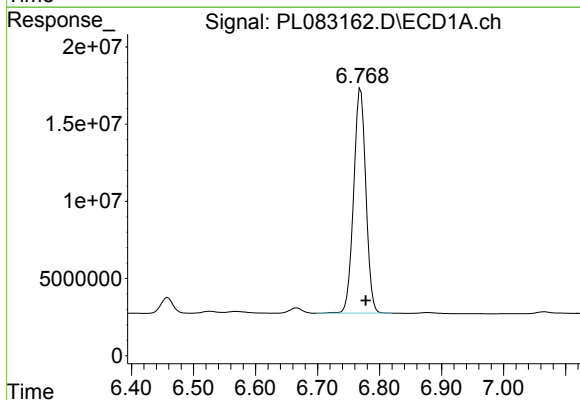
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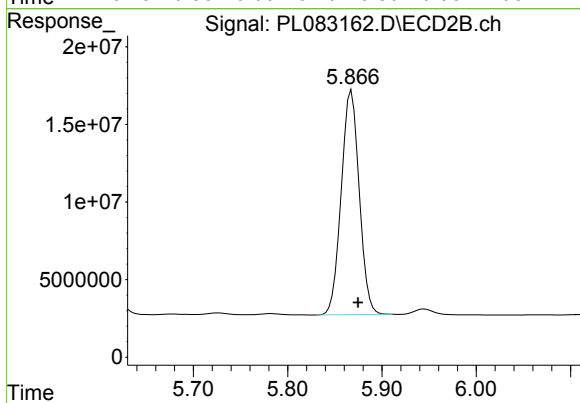
#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: -0.007 min
Response: 12008567
Conc: 6.24 ng/ml



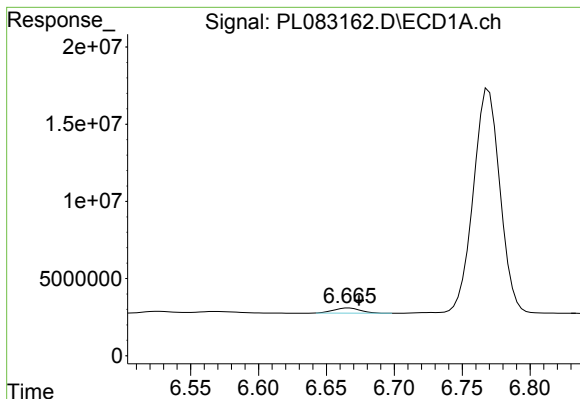
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 199347723
Conc: 79.64 ng/ml



#17 4,4'-DDT

R.T.: 5.866 min
Delta R.T.: -0.008 min
Response: 191554614
Conc: 85.86 ng/ml m



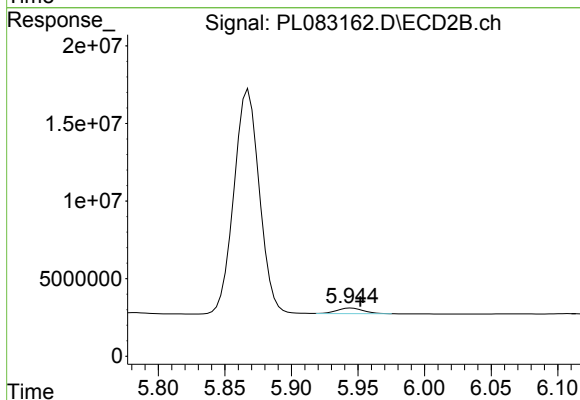
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 4654241
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

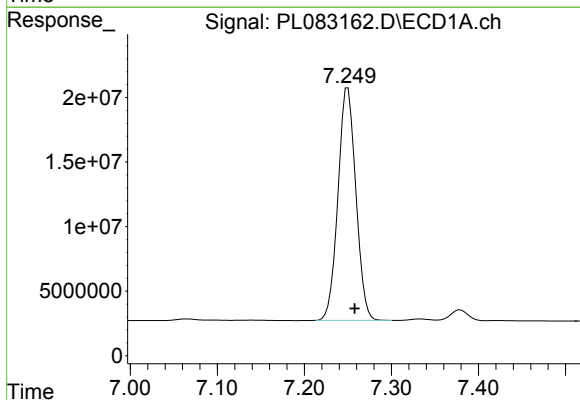
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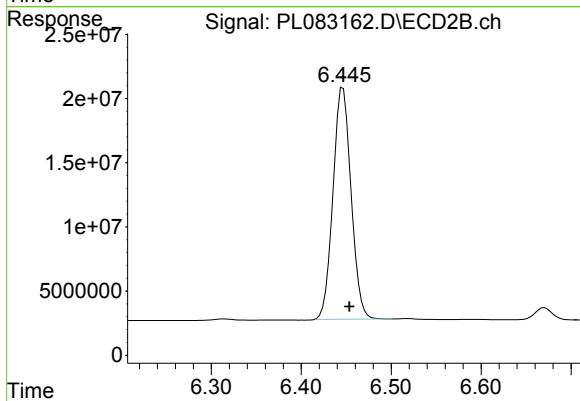
#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 4885580
Conc: 2.47 ng/ml m



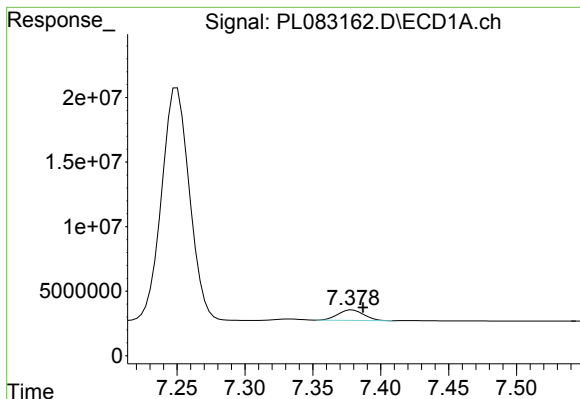
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 257010474
Conc: 194.35 ng/ml



#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: -0.007 min
Response: 252382176
Conc: 198.45 ng/ml



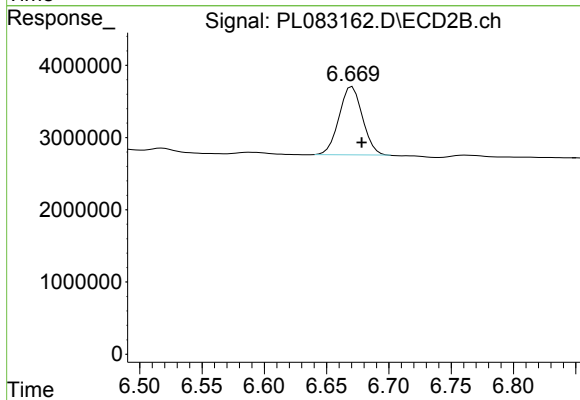
#21 Endrin ketone

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 10745046
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

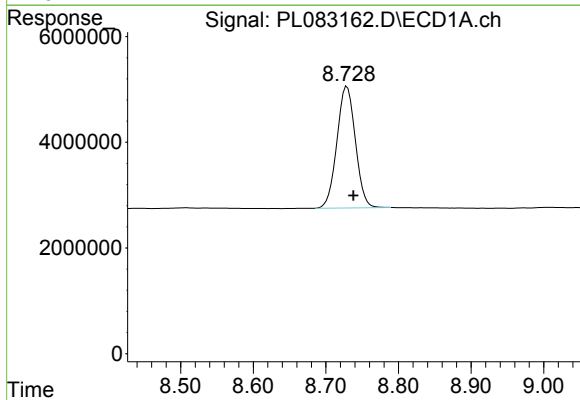
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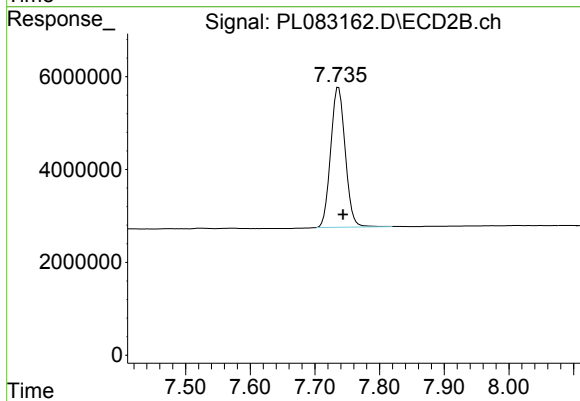
#21 Endrin ketone

R.T.: 6.669 min
Delta R.T.: -0.009 min
Response: 12393205
Conc: 4.58 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.009 min
Response: 40651029
Conc: 19.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.007 min
Response: 47090314
Conc: 18.94 ng/ml