

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040224\
 Data File : PL088868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2024 08:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/03/2024
 Supervised By :Ankita Jodhani 04/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 03 01:13:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.635	2.852	62465470	32666150	23.572	24.511
28)	SA Decachlor...	9.302	8.078	54968872	36138538	22.237	26.652
Target Compounds							
2)	A alpha-BHC	4.099	3.365	43813580	22243662	10.976	11.069
3)	MA gamma-BHC...	4.437	3.702	42588194	21418910	10.981	11.161
6)	B beta-BHC	4.635	4.002	20818986	10760256	11.739	12.552m
12)	B 4,4'-DDE	6.328	5.356	442447	245943	0.148m	0.169m
14)	MA Endrin	6.716	5.768	143.3E6	87077876	52.422m	60.411m
16)	A 4,4'-DDD	6.850	5.918	4536664	2452852	1.781m	1.970m
17)	MA 4,4'-DDT	7.170	6.174	303.9E6	183.7E6	114.016m	136.869
18)	B Endrin al...	7.068	6.249	4721945	2977757	2.262m	2.842 #
20)	A Methoxychlor	7.652	6.757	394.9E6	229.7E6	262.101	286.440
21)	B Endrin ke...	7.797	6.986	9203162	6042341	3.113	3.660

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Apr 2024 08:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

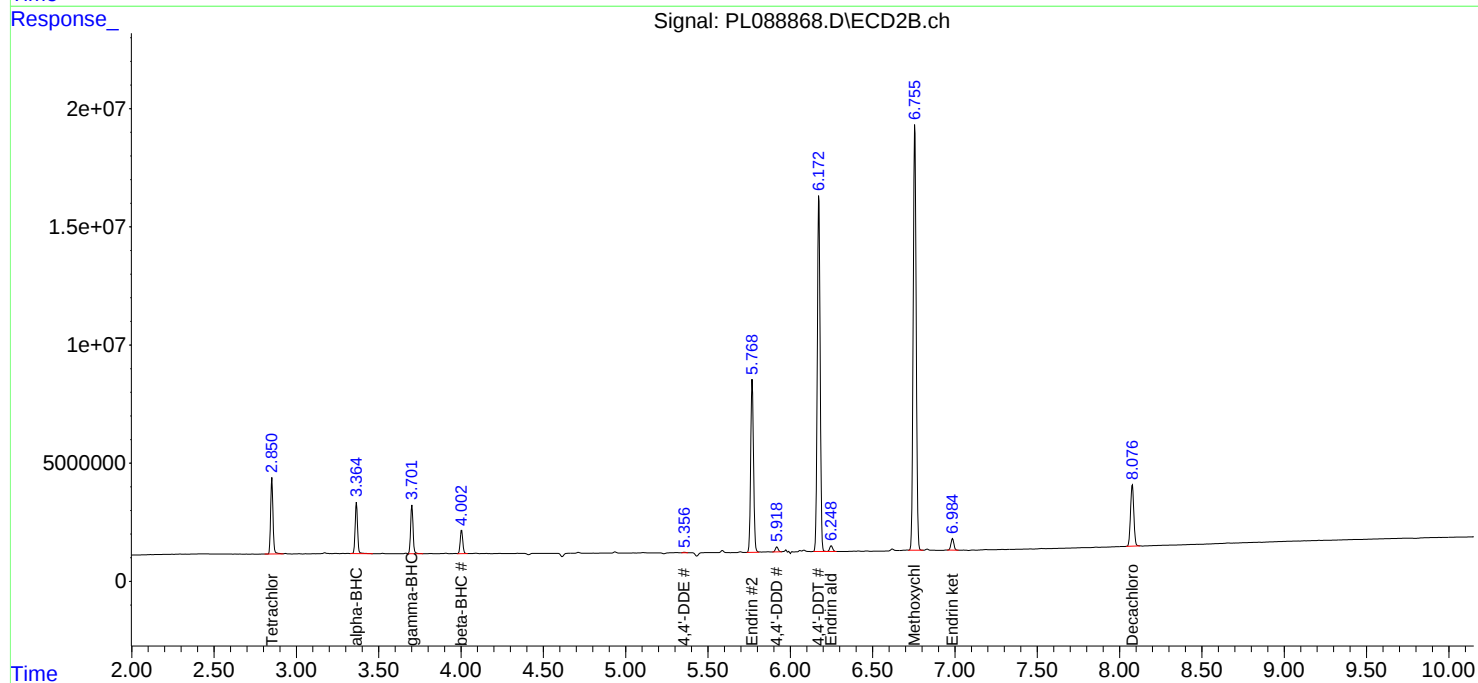
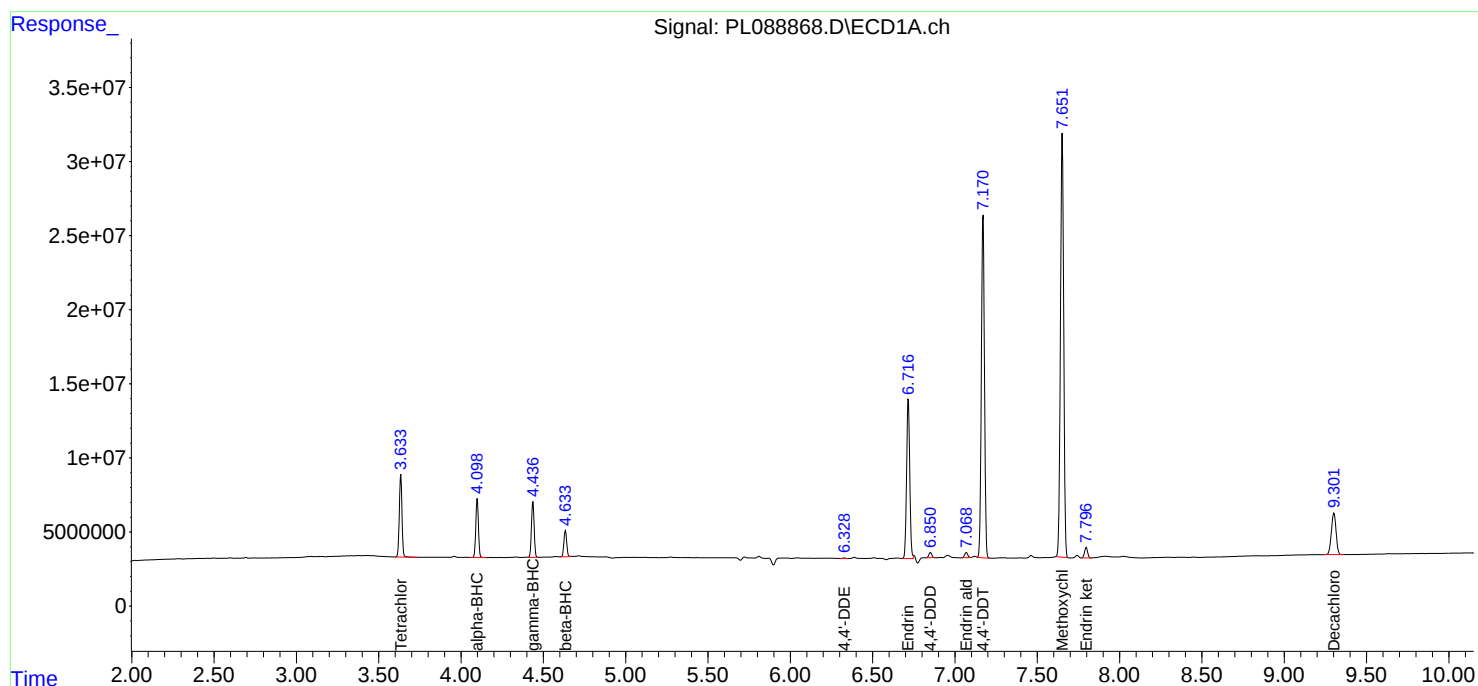
Instrument :
ECD_L
ClientSampleId :
PEM

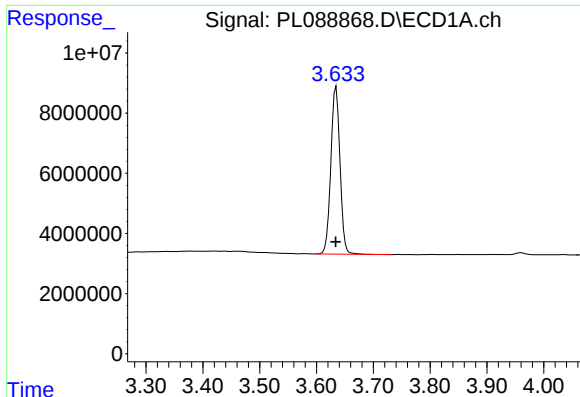
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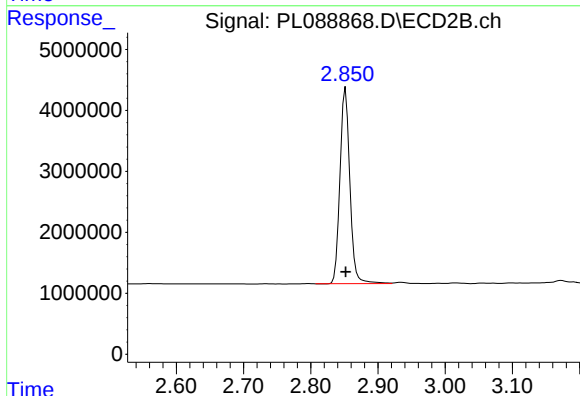
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 62465470
Conc: 23.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

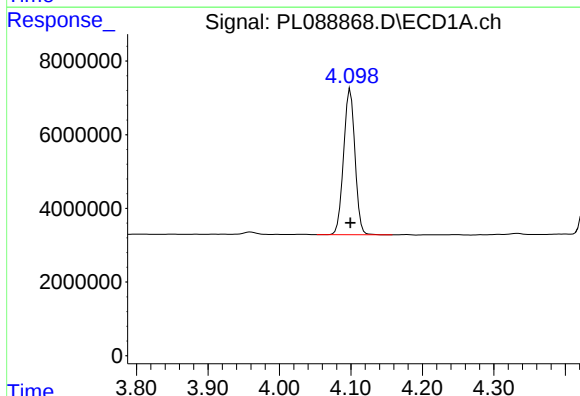
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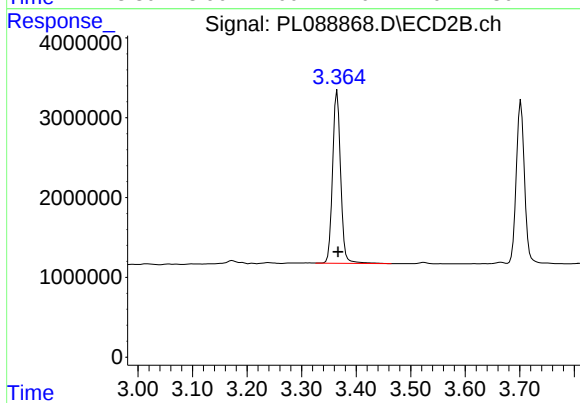
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 32666150
Conc: 24.51 ng/ml



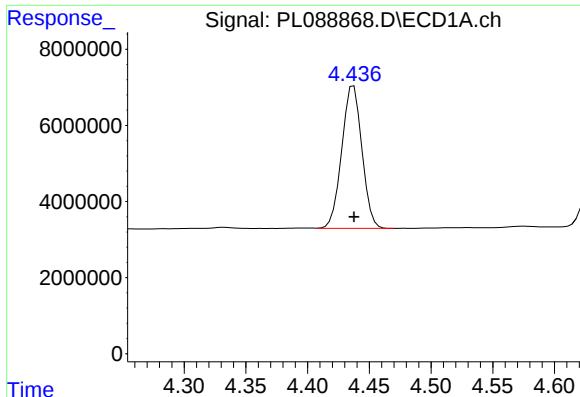
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 43813580
Conc: 10.98 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 22243662
Conc: 11.07 ng/ml



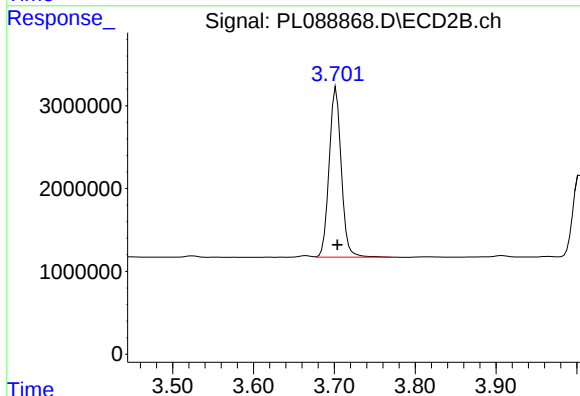
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 42588194
Conc: 10.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

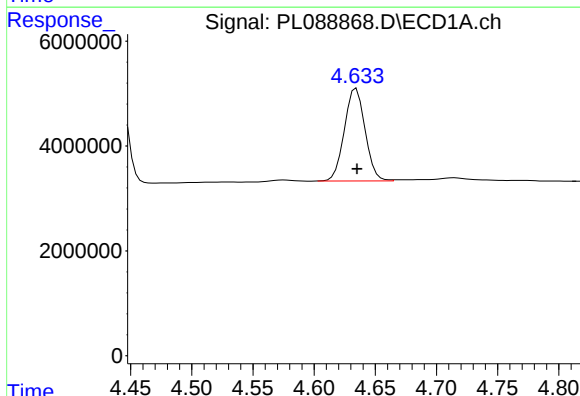
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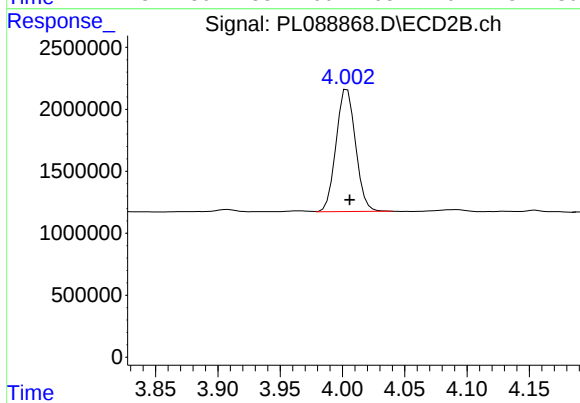
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.001 min
Response: 21418910
Conc: 11.16 ng/ml



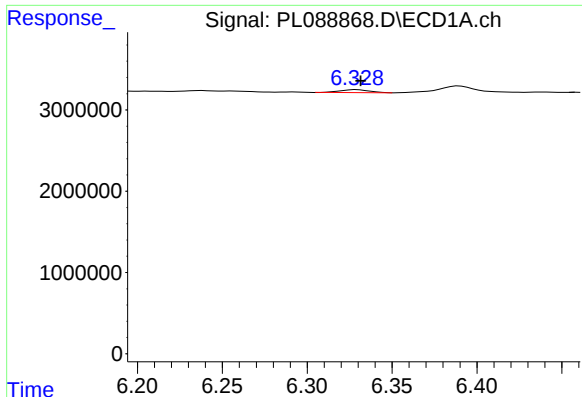
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 20818986
Conc: 11.74 ng/ml



#6 beta-BHC

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 10760256
Conc: 12.55 ng/ml m



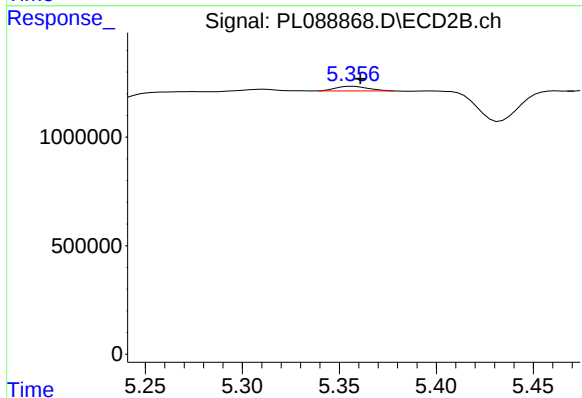
#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 442447
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

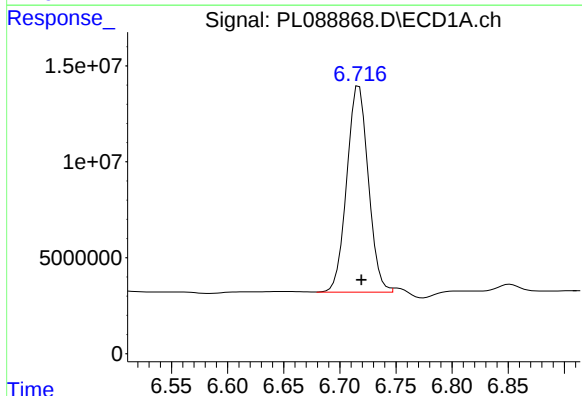
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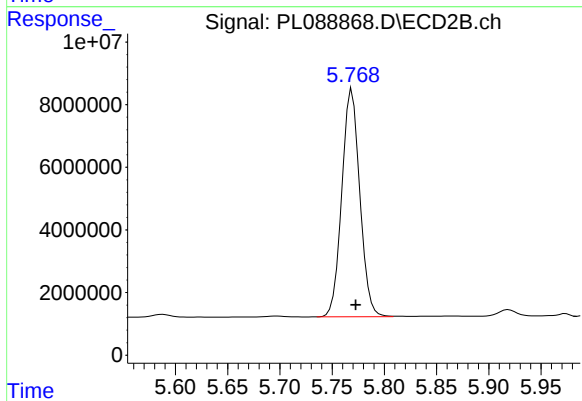
#12 4,4'-DDE

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 245943
Conc: 0.17 ng/ml m



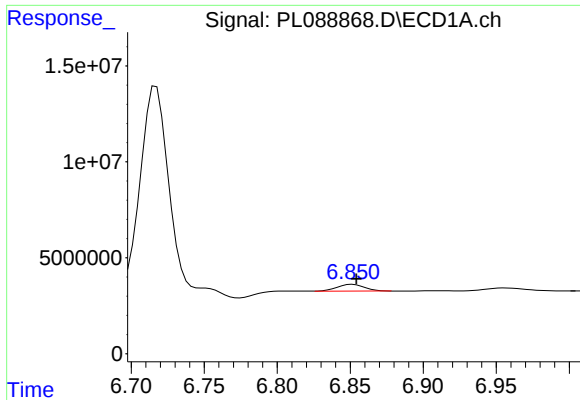
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.004 min
Response: 143307343
Conc: 52.42 ng/ml m



#14 Endrin

R.T.: 5.768 min
Delta R.T.: -0.005 min
Response: 87077876
Conc: 60.41 ng/ml m



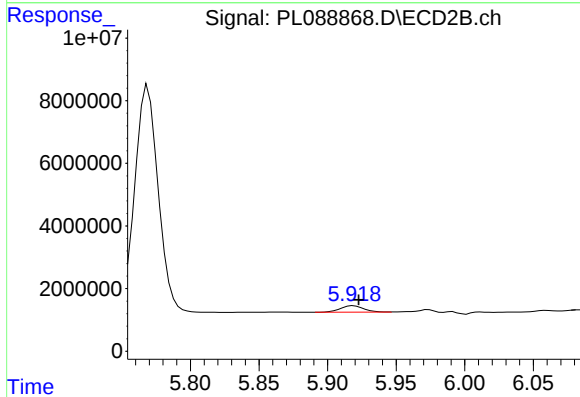
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 4536664
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

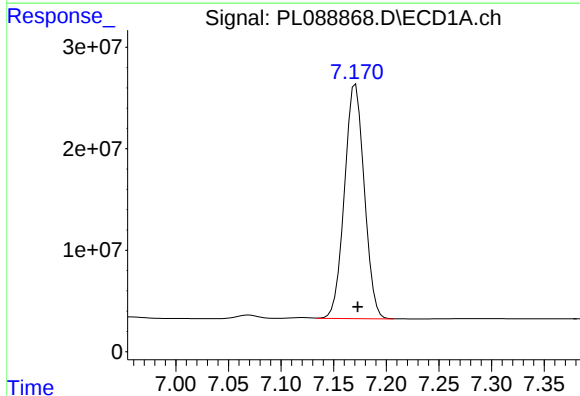
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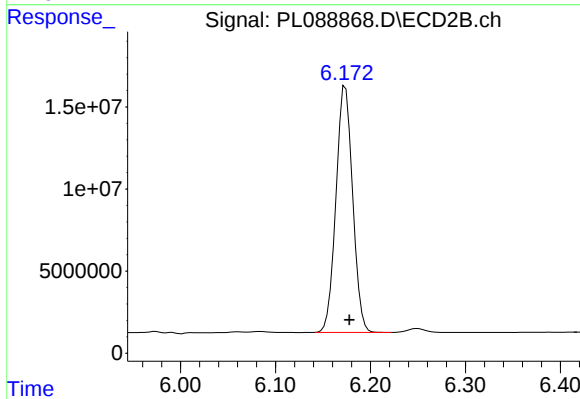
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.005 min
Response: 2452852
Conc: 1.97 ng/ml m



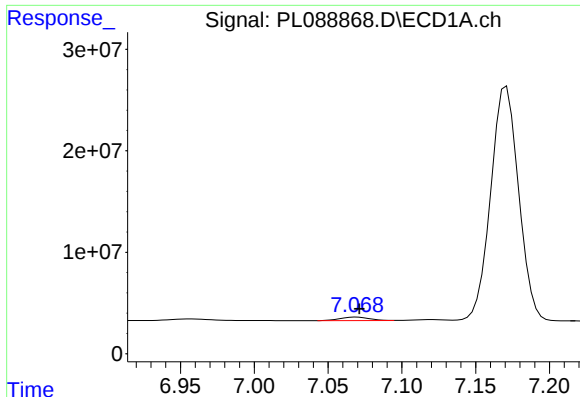
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 303908028
Conc: 114.02 ng/ml m



#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 183704858
Conc: 136.87 ng/ml



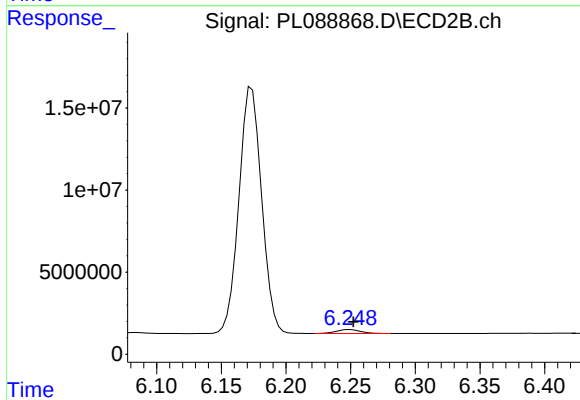
#18 Endrin aldehyde

R.T.: 7.068 min
Delta R.T.: -0.003 min
Response: 4721945
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

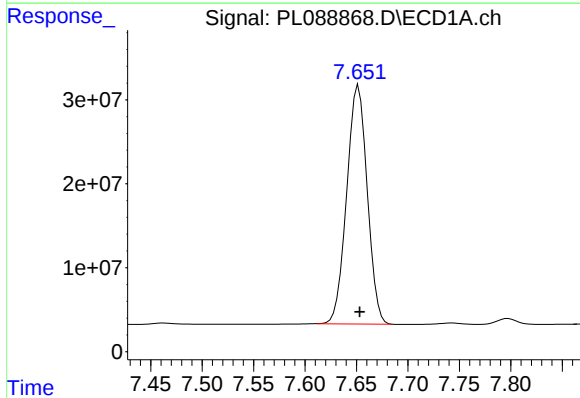
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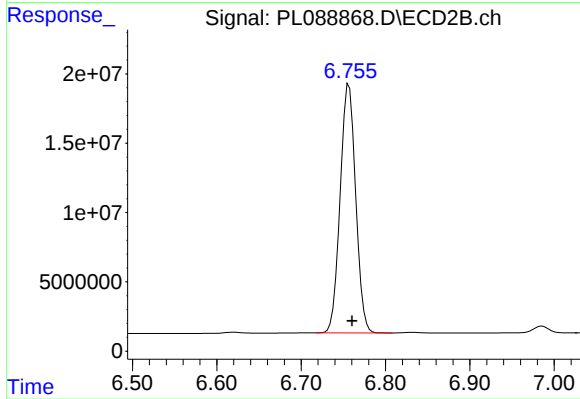
#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 2977757
Conc: 2.84 ng/ml



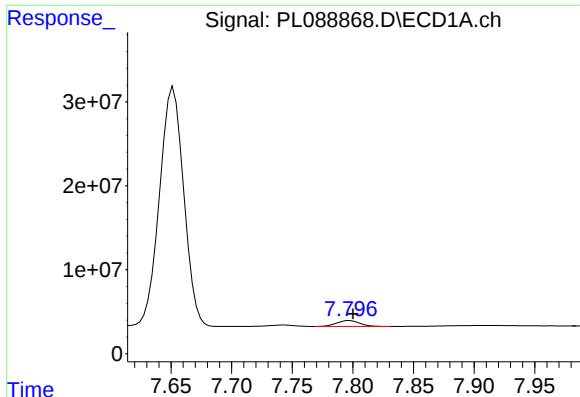
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 394859121
Conc: 262.10 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 229744795
Conc: 286.44 ng/ml



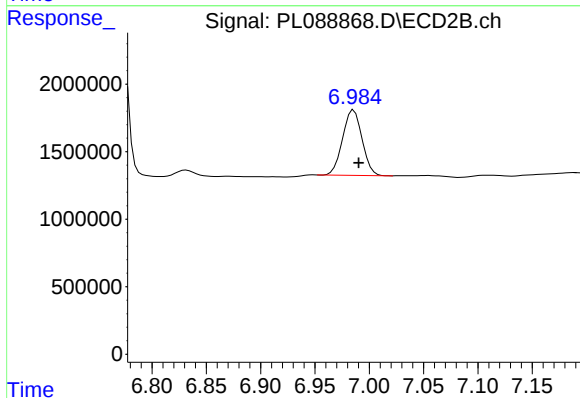
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 9203162
Conc: 3.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

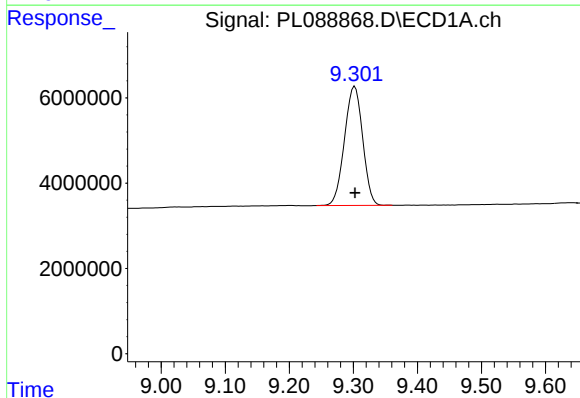
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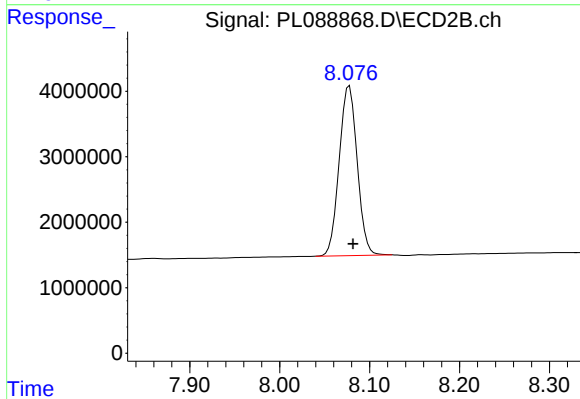
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.005 min
Response: 6042341
Conc: 3.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 54968872
Conc: 22.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 36138538
Conc: 26.65 ng/ml