

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081923\
 Data File : PL084845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 09:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/21/2023
 Supervised By : Ankita Jodhani 08/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:18:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.685	44623166	20550865	19.205	18.899
28)	SA Decachlor...	9.028	7.867	31429773	24481616	19.317	19.636
Target Compounds							
2)	A alpha-BHC	3.935	3.190	31028517	13939470	9.399	9.028
3)	MA gamma-BHC...	4.269	3.521	30148206	13428244	9.451	8.837
6)	B beta-BHC	4.468	3.823	14358695	6792002	10.279	10.137
12)	B 4,4'-DDE	6.152	5.164	464643	159087	0.202	0.129 #
14)	MA Endrin	6.526	5.561	94607116	58722582	43.378	48.007
16)	A 4,4'-DDD	6.667	5.721	531070	150698	0.317m	0.146m#
17)	MA 4,4'-DDT	6.984	5.974	174.5E6	123.6E6	93.112	106.463
18)	B Endrin al...	6.878	6.042	2044239	1551591	1.212	1.565 #
20)	A Methoxychlor	7.466	6.558	208.7E6	165.2E6	217.450	240.745
21)	B Endrin ke...	7.598	6.769	3055998	2563708	1.528	1.777

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

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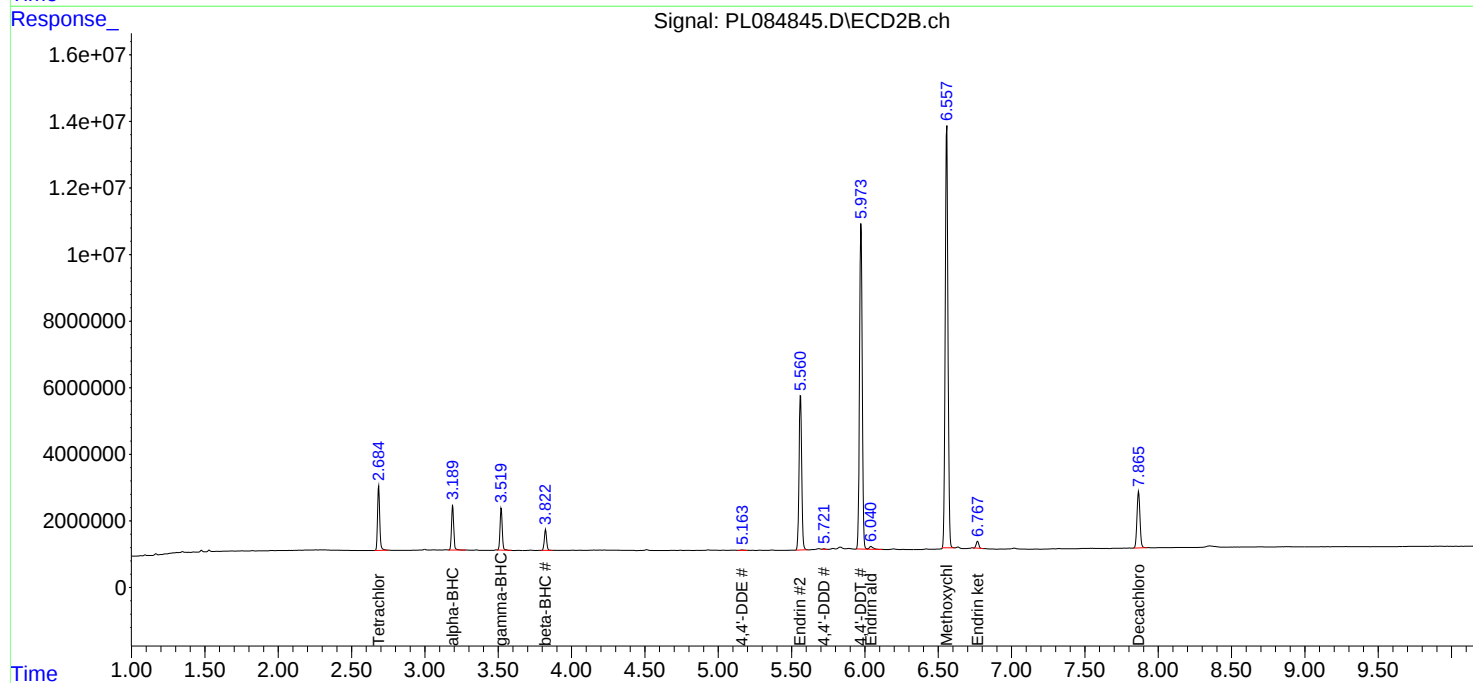
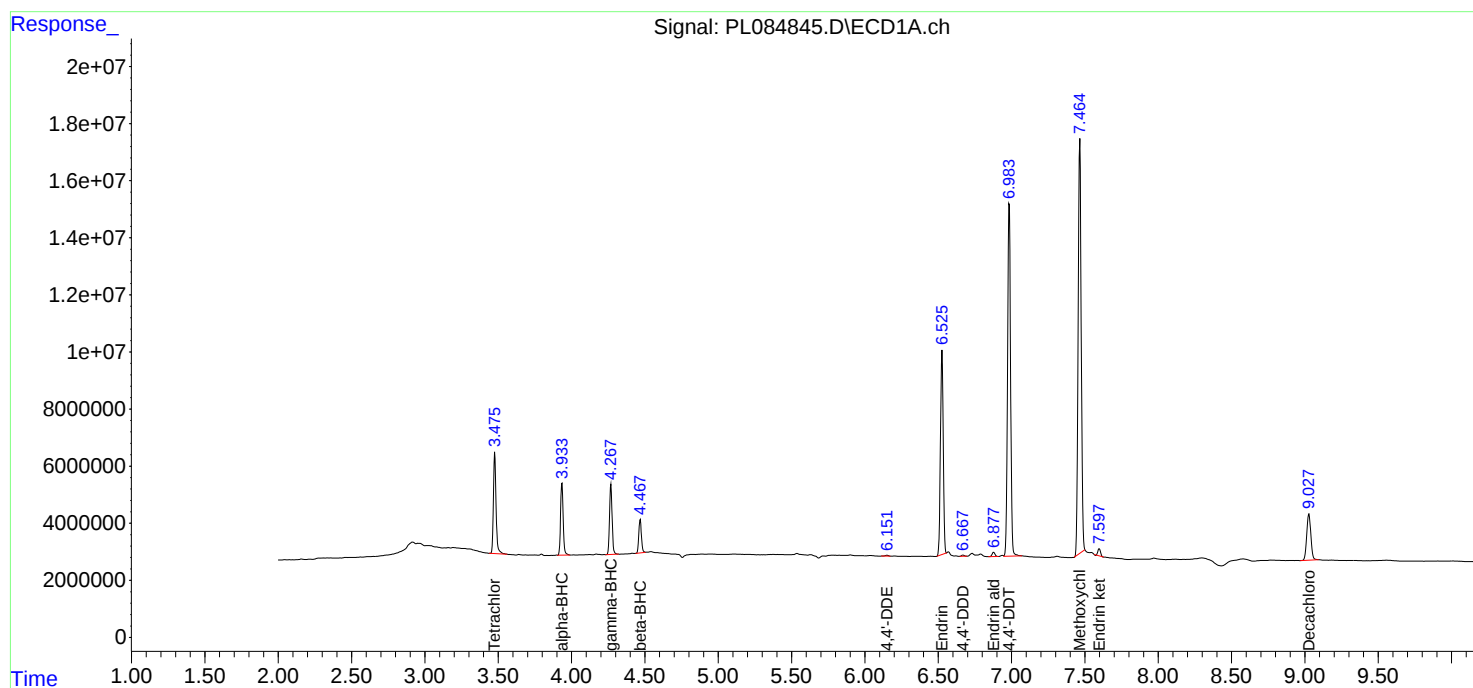
Instrument :
ECD_L
ClientSampleId :
PEM

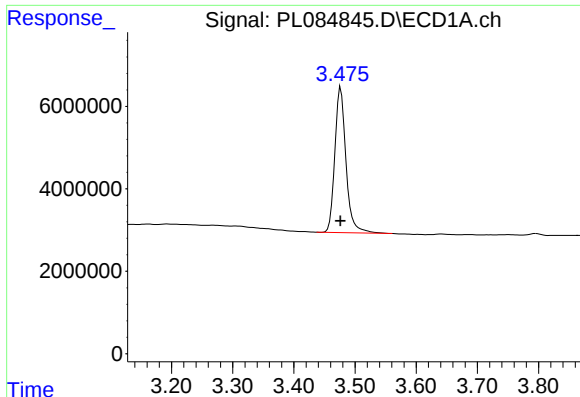
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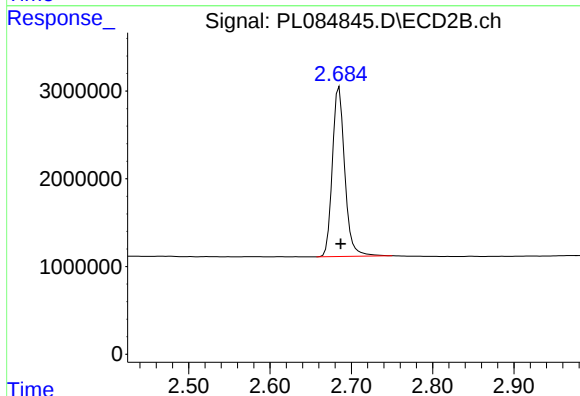
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 44623166
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

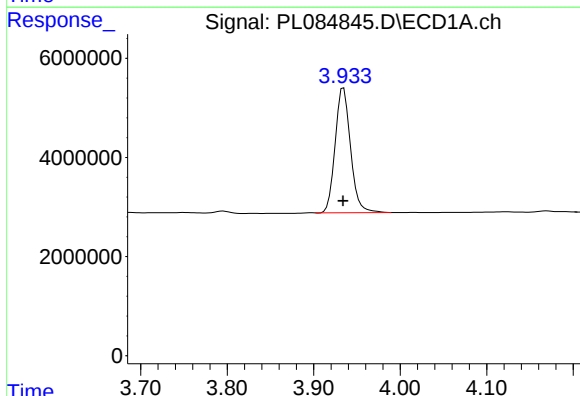
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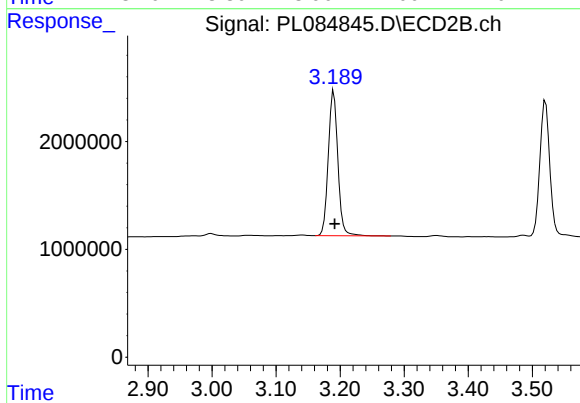
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 20550865
Conc: 18.90 ng/ml



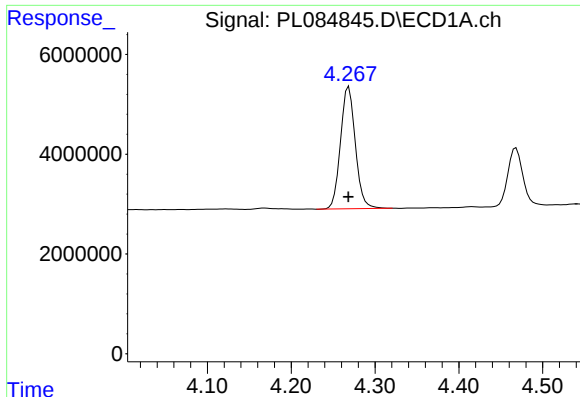
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 31028517
Conc: 9.40 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 13939470
Conc: 9.03 ng/ml



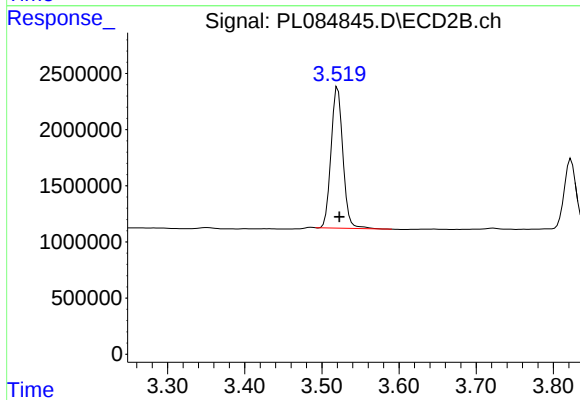
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 30148206
Conc: 9.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

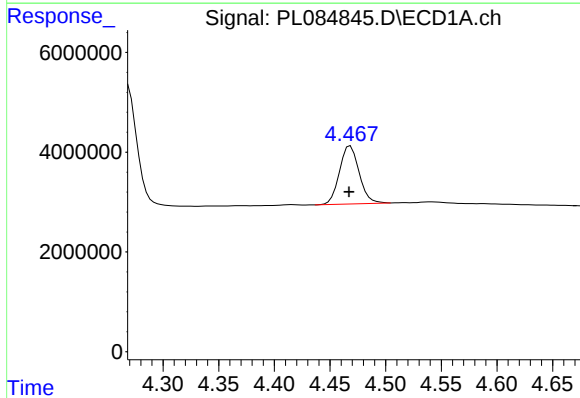
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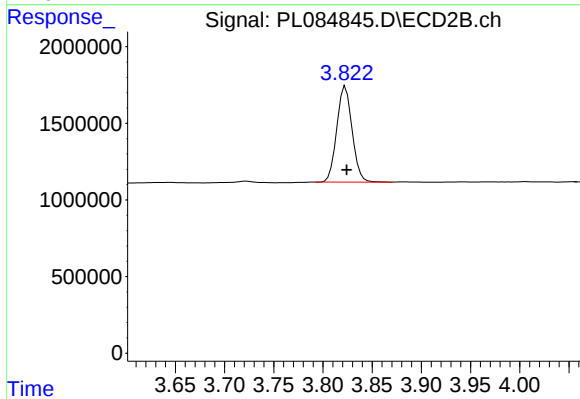
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 13428244
Conc: 8.84 ng/ml



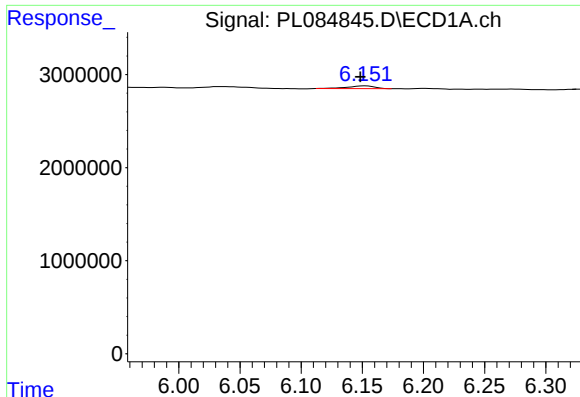
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 14358695
Conc: 10.28 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.001 min
Response: 6792002
Conc: 10.14 ng/ml

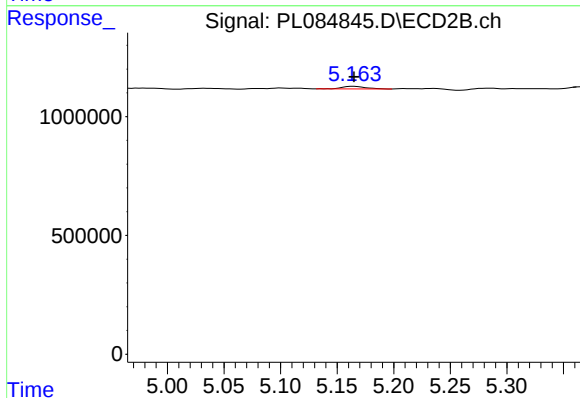


#12 4,4'-DDE

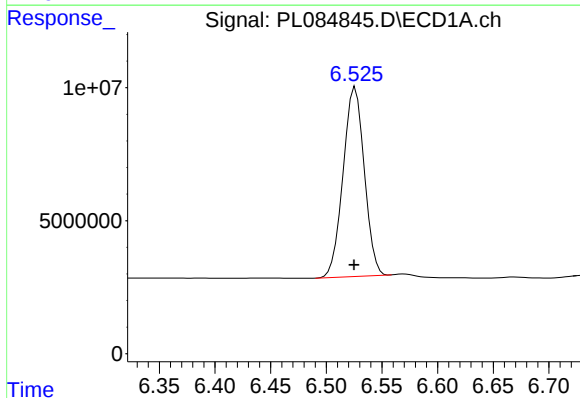
Instrument :
ECD_L
ClientSampleId :
PEM

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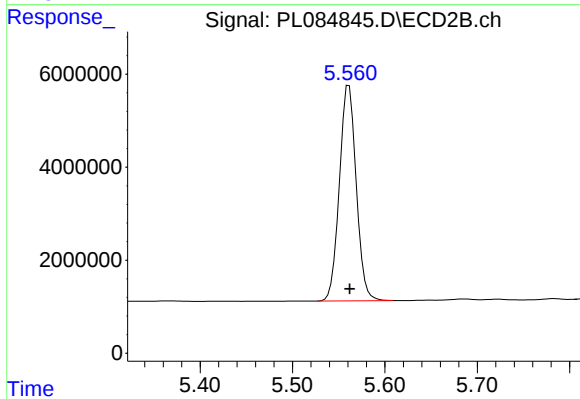
Reviewed By :Abdul Mirza 08/21/2023
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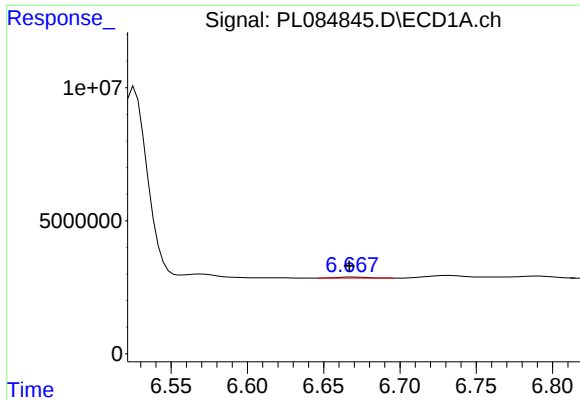
#12 4,4'-DDE



#14 Endrin



#14 Endrin



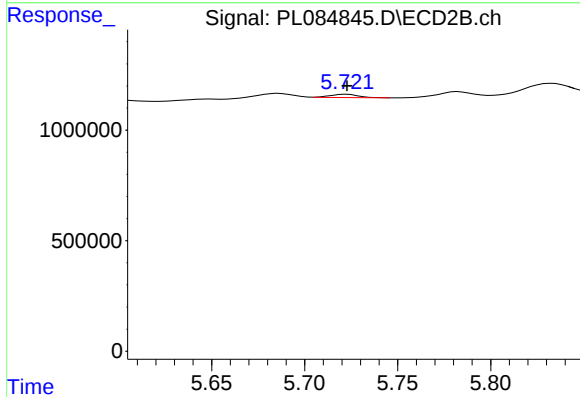
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 531070
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

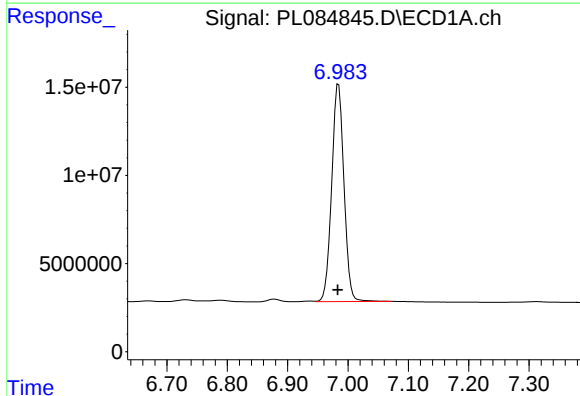
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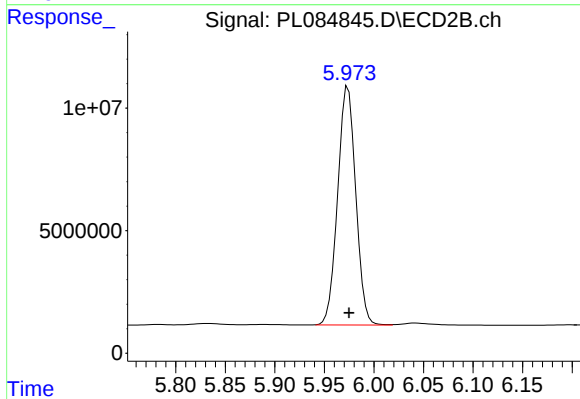
#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.001 min
Response: 150698
Conc: 0.15 ng/ml m



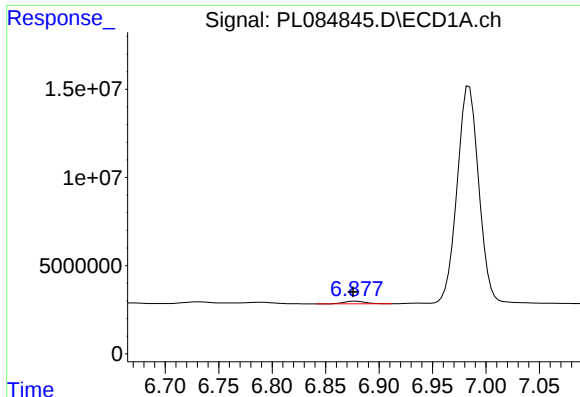
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: 0.001 min
Response: 174465068
Conc: 93.11 ng/ml



#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 123556126
Conc: 106.46 ng/ml



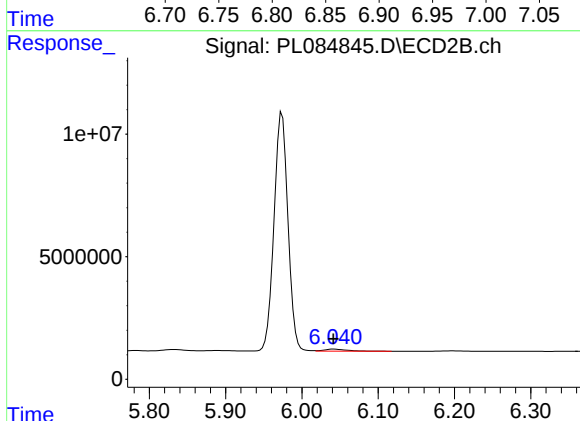
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 2044239
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

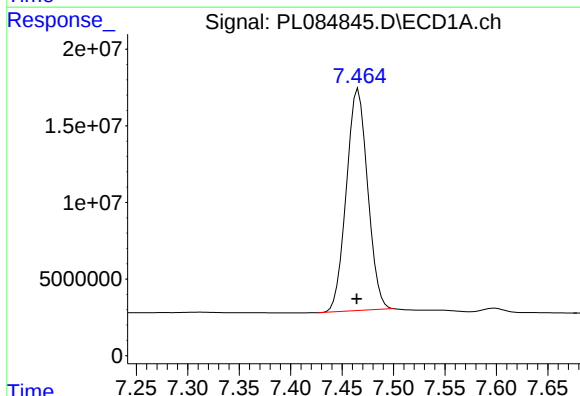
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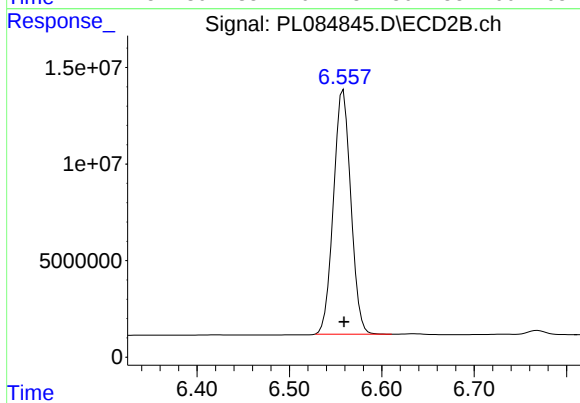
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 1551591
Conc: 1.56 ng/ml



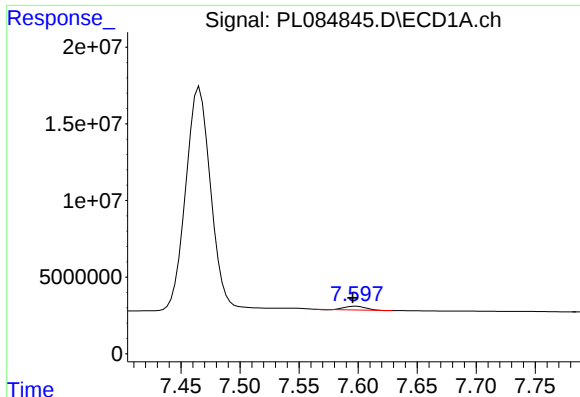
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 208684424
Conc: 217.45 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 165174854
Conc: 240.74 ng/ml



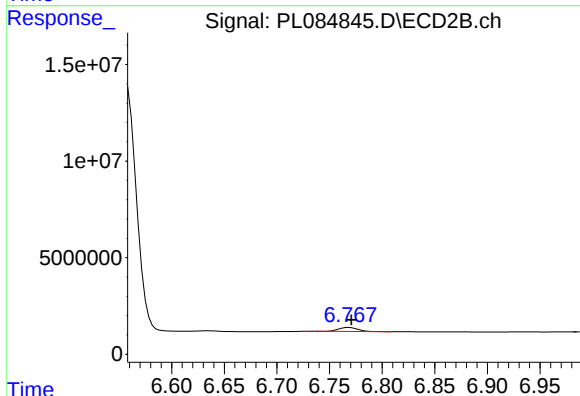
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 3055998
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

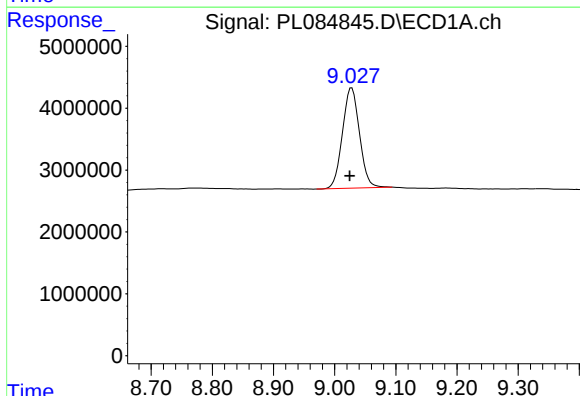
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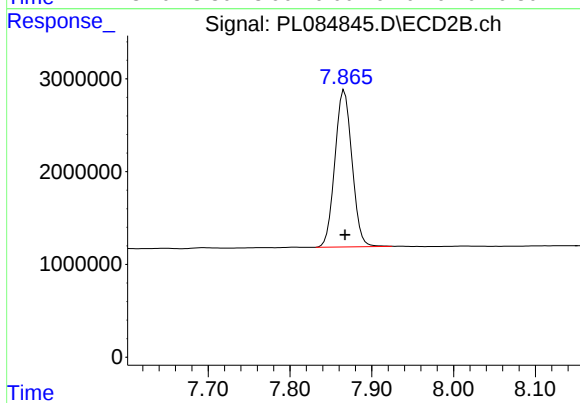
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 2563708
Conc: 1.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 31429773
Conc: 19.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 24481616
Conc: 19.64 ng/ml