

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080423\
 Data File : PL084514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2023 08:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/07/2023
 Supervised By : Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:36:26 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	2.686	47231219	21356707	20.328	19.640
28)	SA Decachlor...	9.028	7.869	34385006	25570751	21.133	20.509
Target Compounds							
2)	A alpha-BHC	3.935	3.191	32729580	14609202	9.914	9.461
3)	MA gamma-BHC...	4.269	3.522	31246897	13853309	9.795	9.117
6)	B beta-BHC	4.469	3.824	15783031	7339879	11.298	10.955
12)	B 4,4'-DDE	6.150	5.165	498621	171363	0.217	0.139m#
14)	MA Endrin	6.527	5.563	100.9E6	60381136	46.272	49.363
16)	A 4,4'-DDD	6.668	5.723	2510953	1136059	1.498m	1.100 #
17)	MA 4,4'-DDT	6.985	5.975	187.7E6	124.3E6	100.162	107.117
18)	B Endrin al...	6.879	6.042	3066614	2006341	1.818	2.023
20)	A Methoxychlor	7.467	6.560	222.2E6	159.7E6	231.545	232.733
21)	B Endrin ke...	7.598	6.771	5148708	3619383	2.574m	2.509

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

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

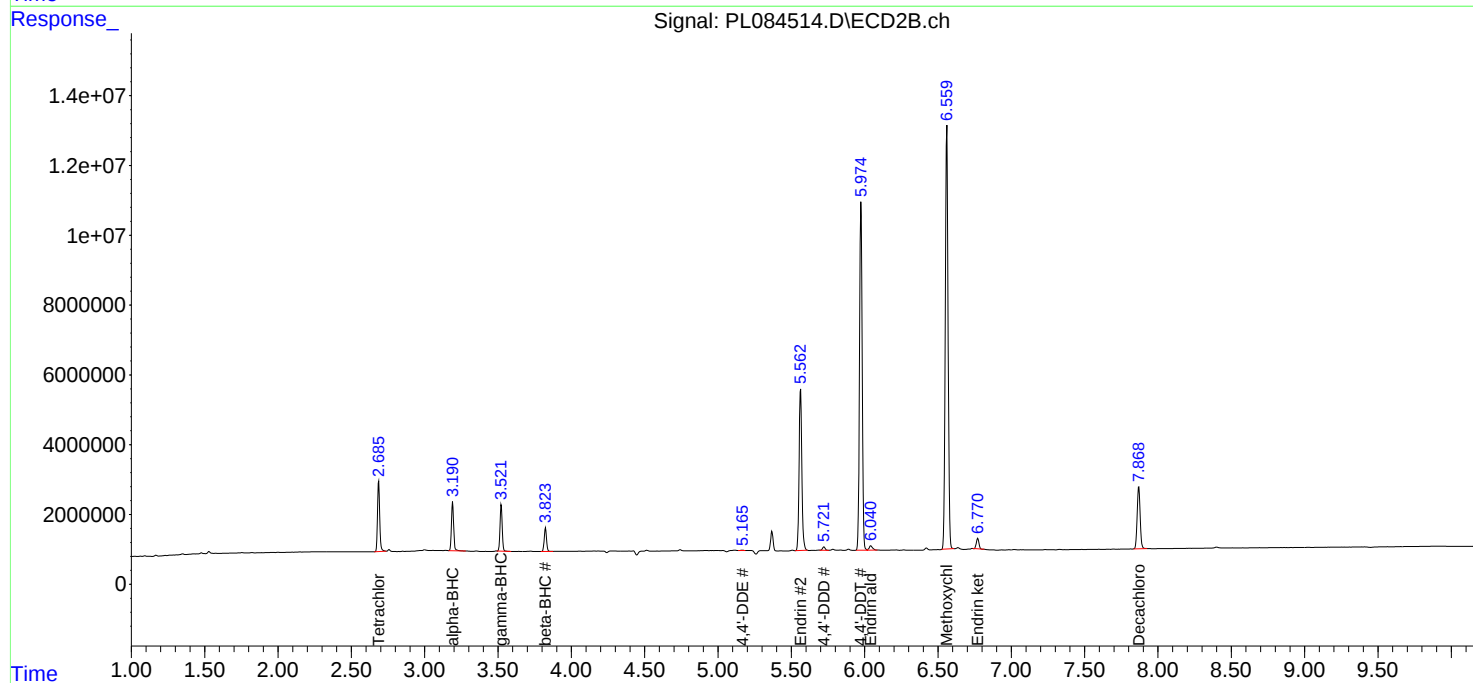
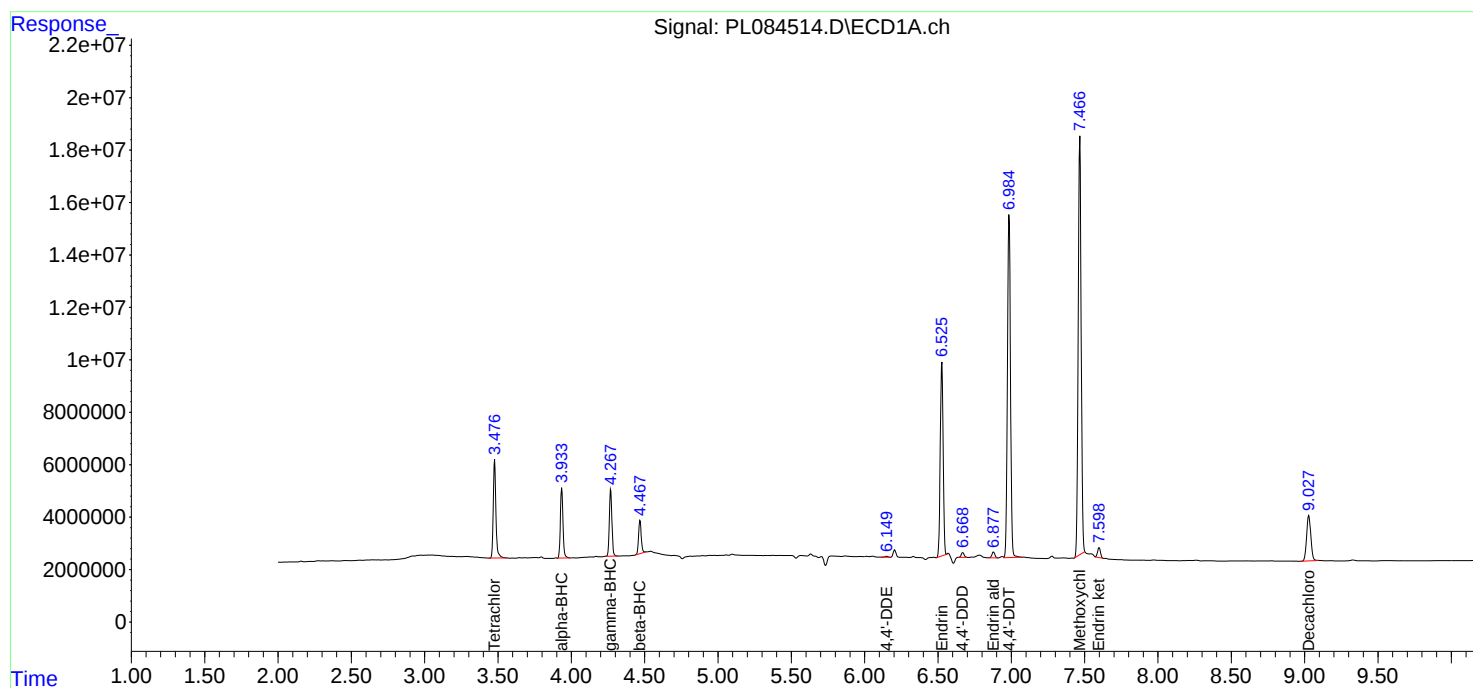
Instrument :
ECD_L
ClientSampleId :
PEM

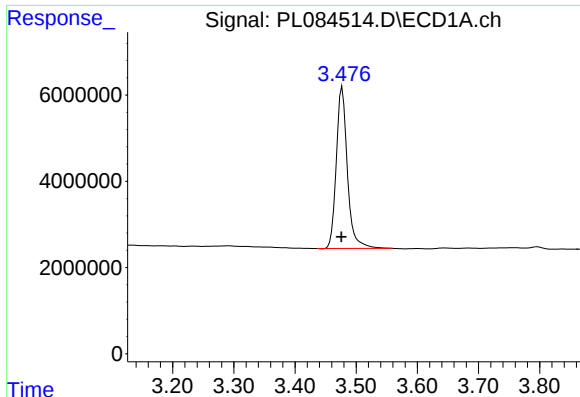
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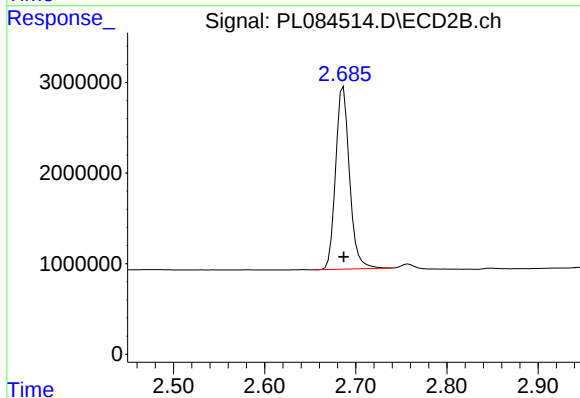
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 47231219
Conc: 20.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

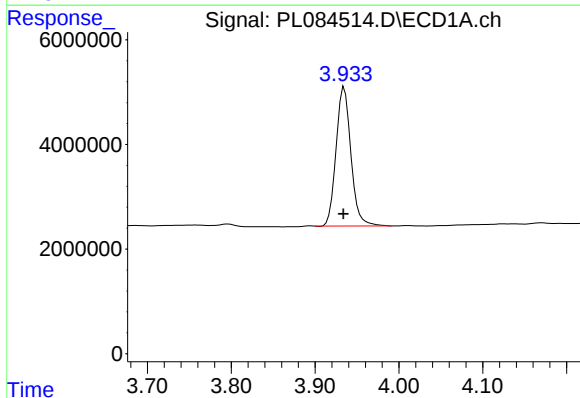
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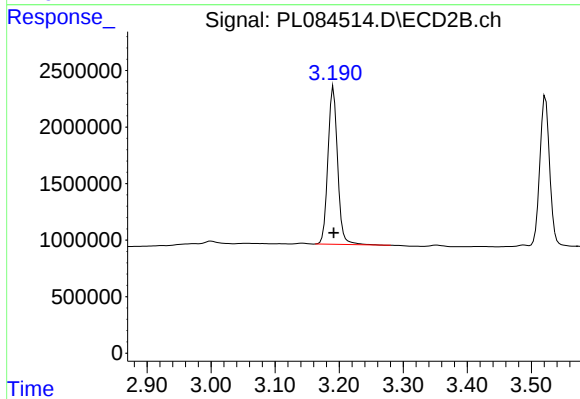
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 21356707
Conc: 19.64 ng/ml



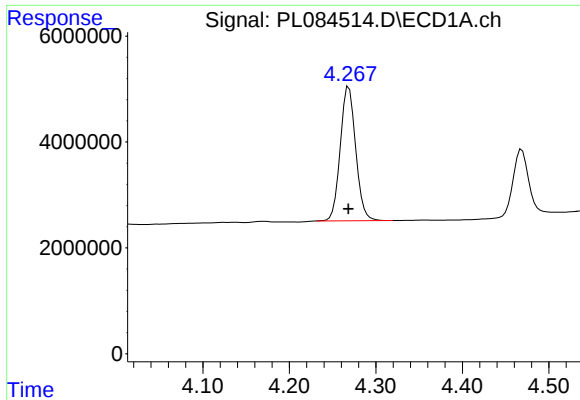
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 32729580
Conc: 9.91 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 14609202
Conc: 9.46 ng/ml



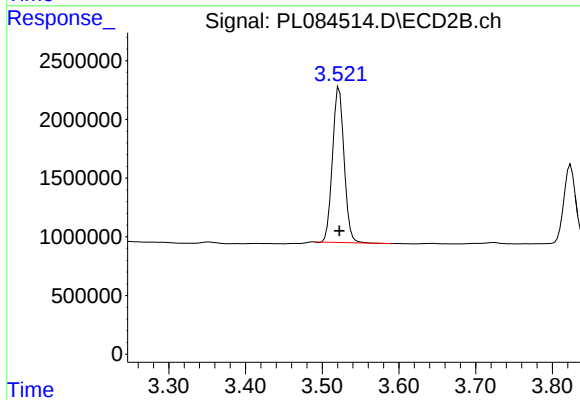
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 31246897
Conc: 9.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

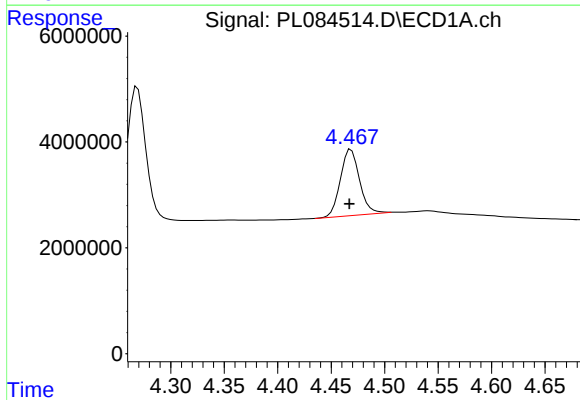
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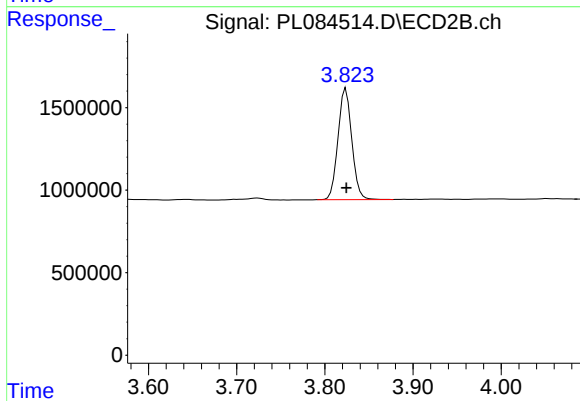
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 13853309
Conc: 9.12 ng/ml



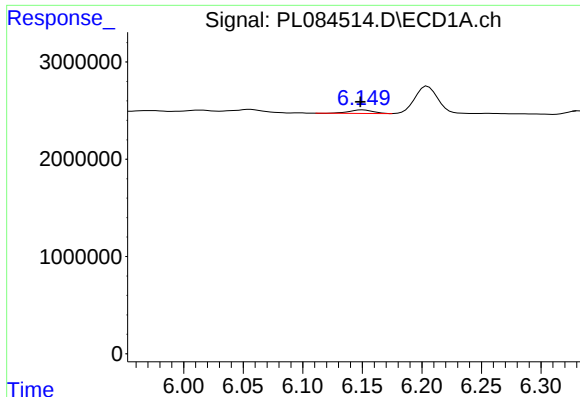
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 15783031
Conc: 11.30 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 7339879
Conc: 10.95 ng/ml



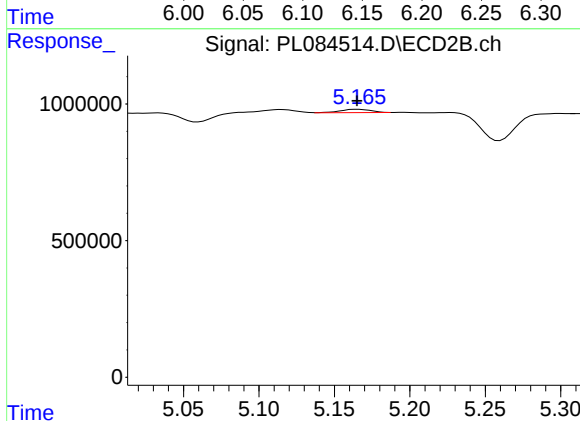
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 498621
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

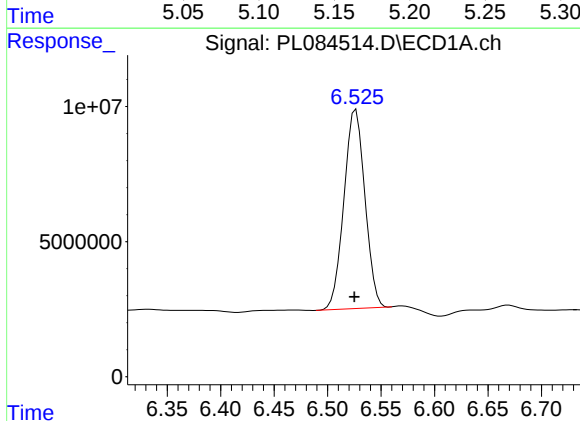
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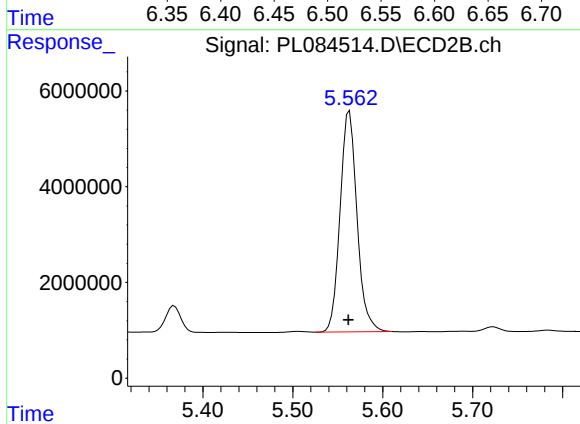
#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 171363
Conc: 0.14 ng/ml m



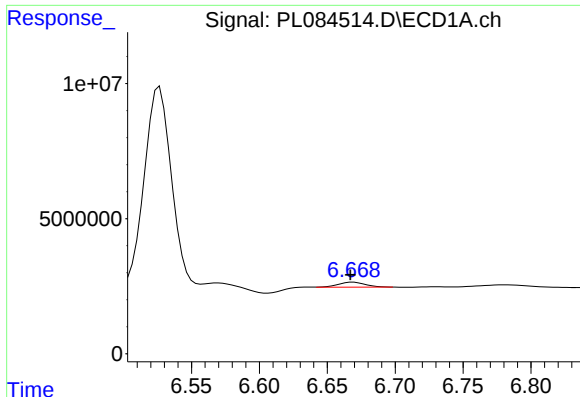
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.001 min
Response: 100918014
Conc: 46.27 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: 0.001 min
Response: 60381136
Conc: 49.36 ng/ml



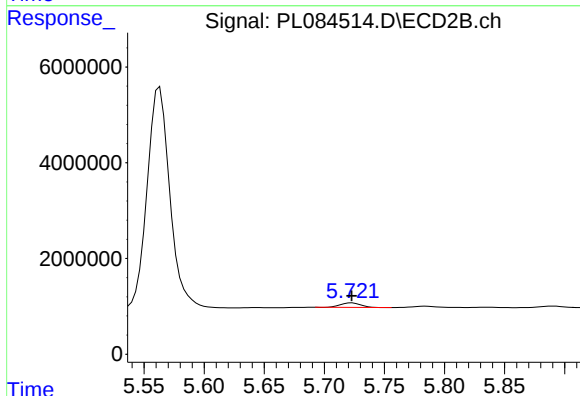
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 2510953
Conc: 1.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

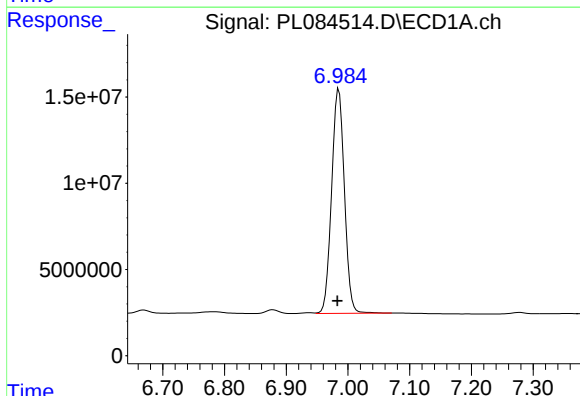
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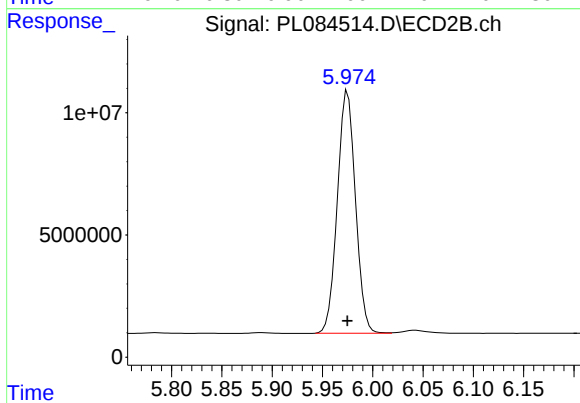
#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1136059
Conc: 1.10 ng/ml



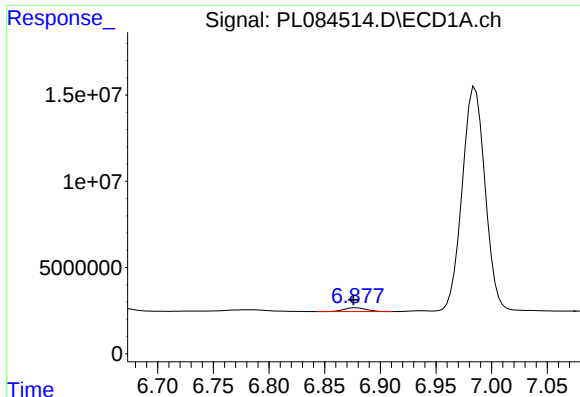
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 187673294
Conc: 100.16 ng/ml



#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 124315281
Conc: 107.12 ng/ml



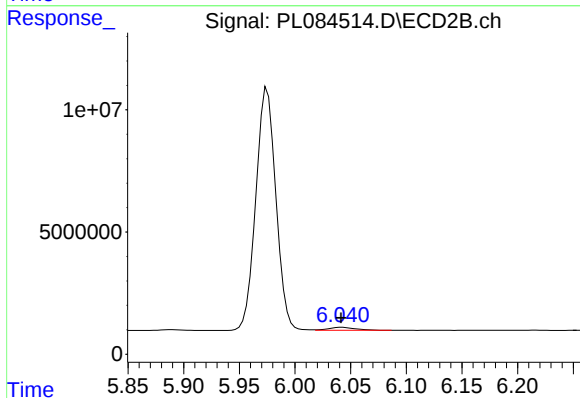
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 3066614
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

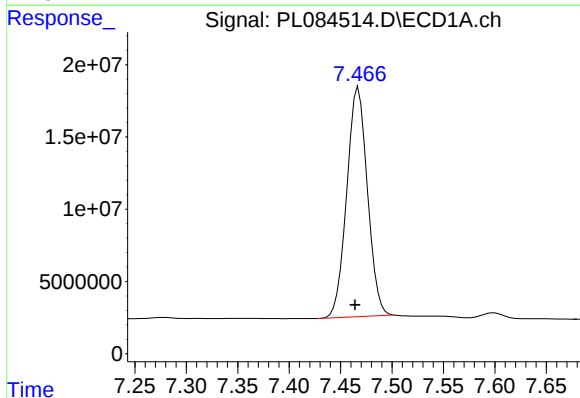
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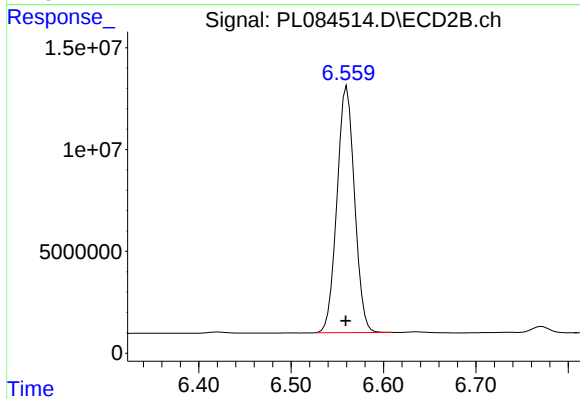
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 2006341
Conc: 2.02 ng/ml



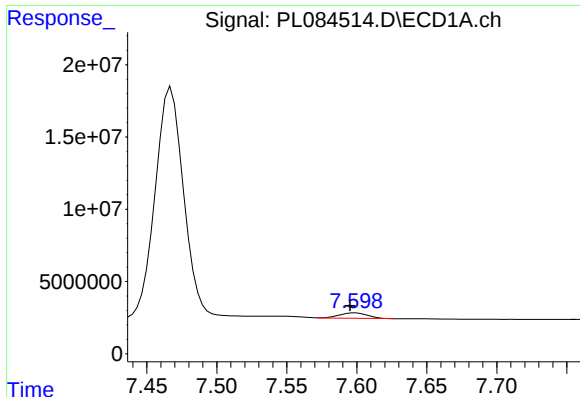
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 222211130
Conc: 231.55 ng/ml



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: 0.001 min
Response: 159678180
Conc: 232.73 ng/ml



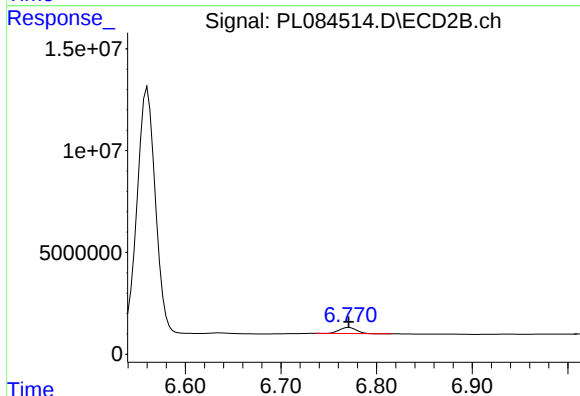
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 5148708
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

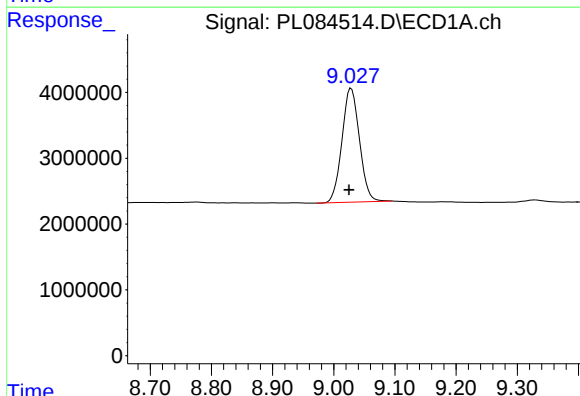
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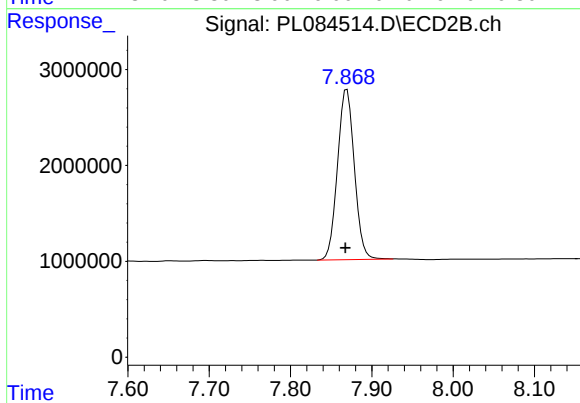
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 3619383
Conc: 2.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.004 min
Response: 34385006
Conc: 21.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.002 min
Response: 25570751
Conc: 20.51 ng/ml