

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072223\
 Data File : PL084088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 08:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2023
 Supervised By : Ankita Jodhani 07/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 11:21:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.688	48269074	22433769	24.136	20.200
28)	SA Decachlor...	9.025	7.871	31985098	24593053	24.573	22.133
Target Compounds							
2)	A alpha-BHC	3.934	3.193	32662643	14925336	11.148	9.283
3)	MA gamma-BHC...	4.268	3.522	31549719	14340403	11.167	9.430m
6)	B beta-BHC	4.467	3.826	15558466	7497342	12.967	11.359
12)	B 4,4'-DDE	6.148	5.167	518227	153085	0.258m	0.125 #
14)	MA Endrin	6.523	5.564	98895990	58810952	51.930m	53.501
16)	A 4,4'-DDD	6.666	5.723	3594918	1757712	2.448m	1.832m#
17)	MA 4,4'-DDT	6.983	5.978	180.5E6	116.8E6	113.166	128.261
18)	B Endrin al...	6.875	6.043	2962947	1721814	2.022m	1.915m
20)	A Methoxychlor	7.463	6.562	221.9E6	144.9E6	283.711m	302.305
21)	B Endrin ke...	7.594	6.771	5034742	4738034	2.873m	3.667m#

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

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Acq On : 20 Jul 2023 08:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

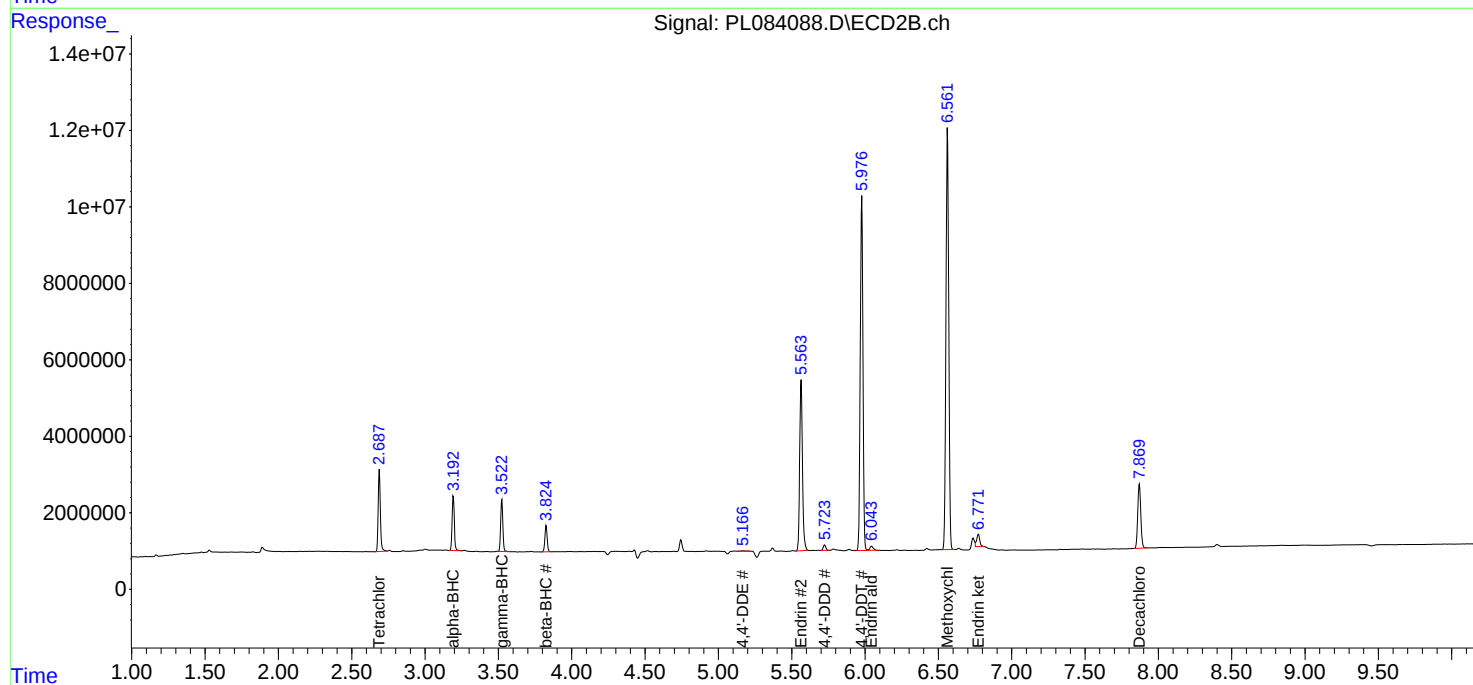
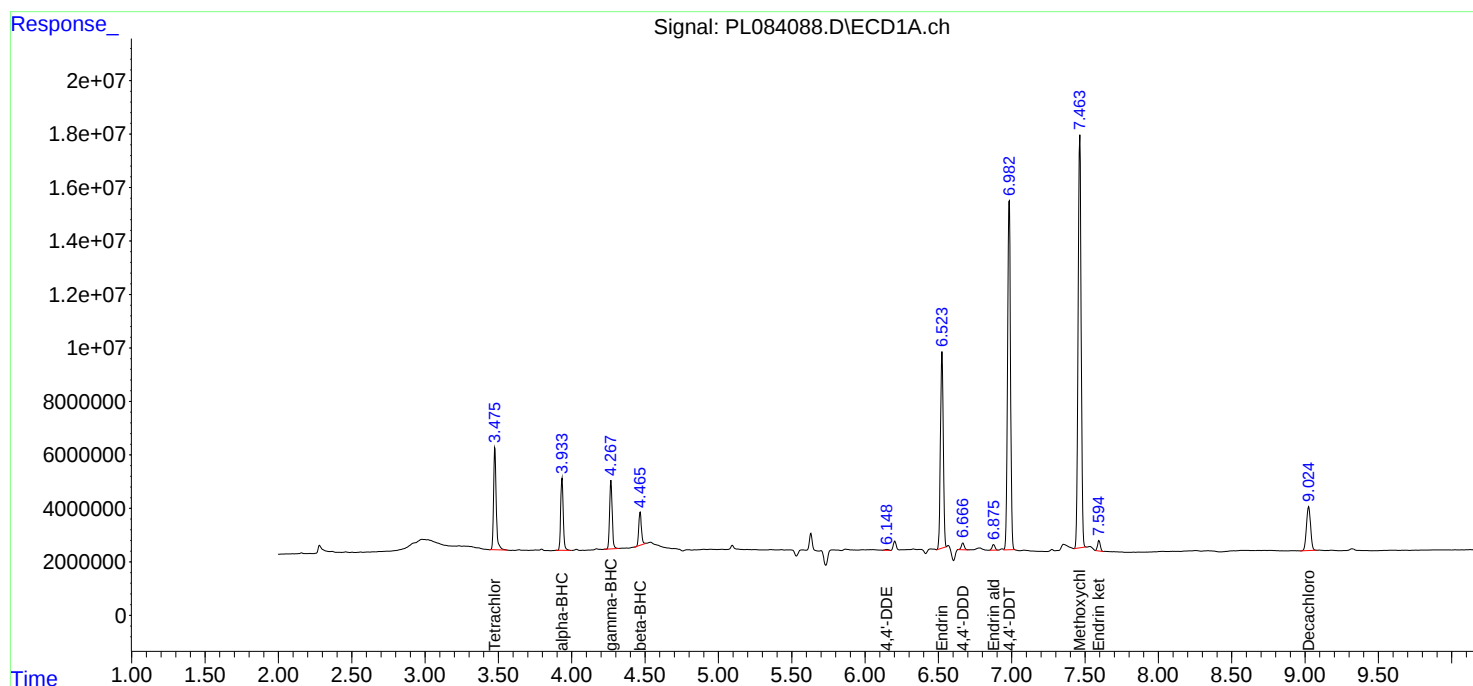
Instrument :
ECD_L
ClientSampleId :
PEM

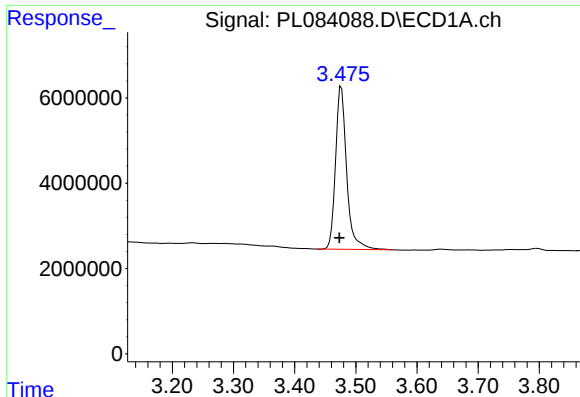
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Integration File signal 1: autoint1.e
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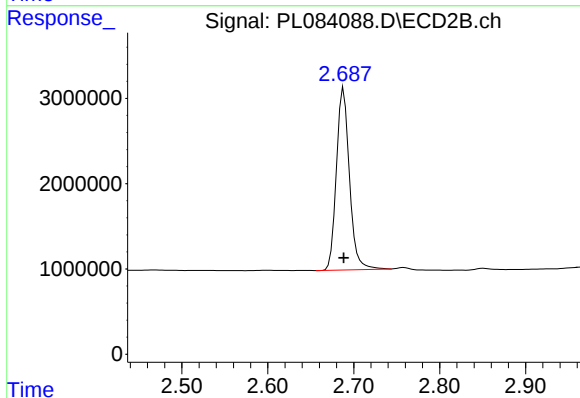
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 48269074
Conc: 24.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

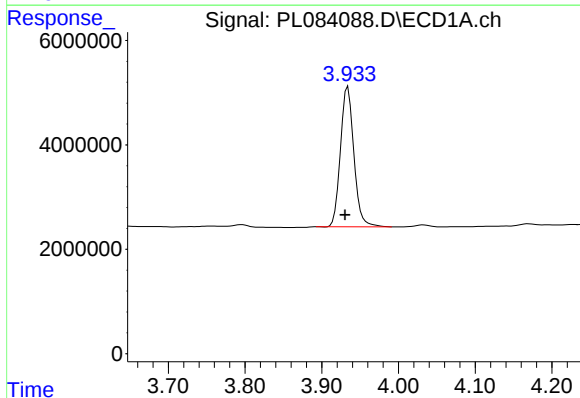
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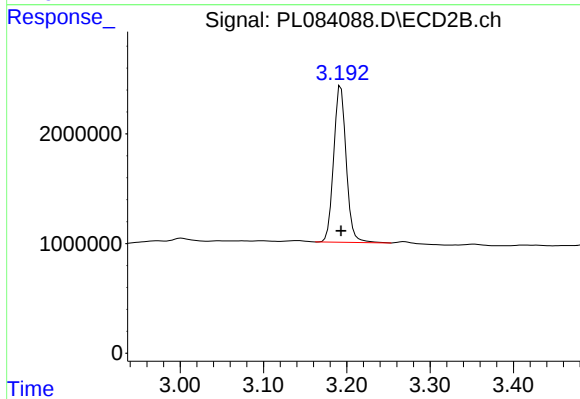
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 22433769
Conc: 20.20 ng/ml



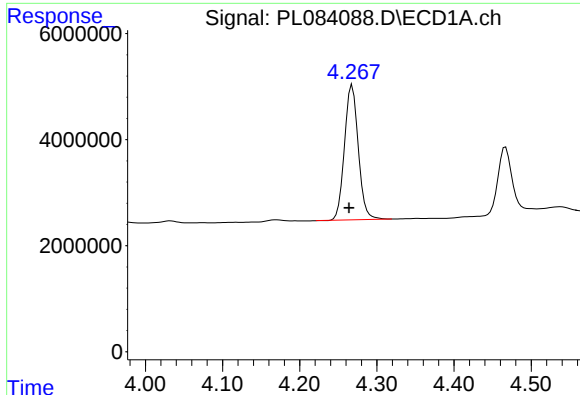
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 32662643
Conc: 11.15 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 14925336
Conc: 9.28 ng/ml



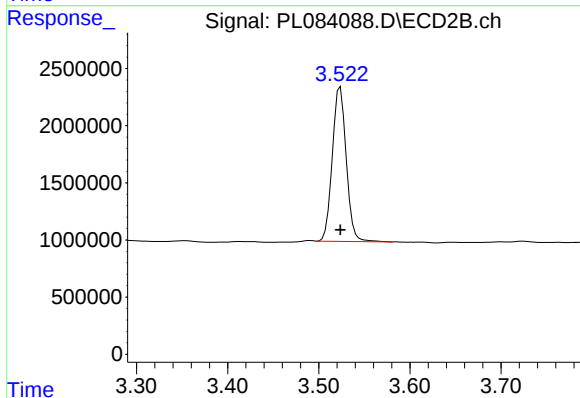
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 31549719
Conc: 11.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

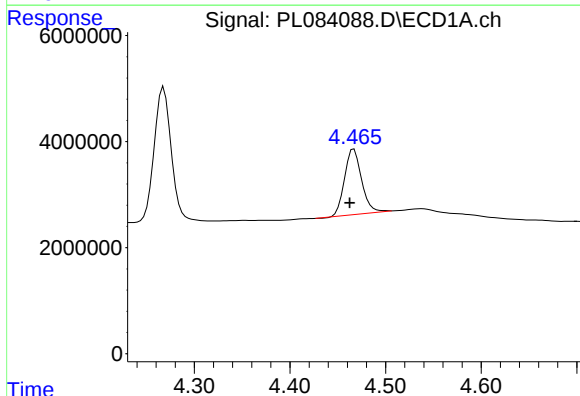
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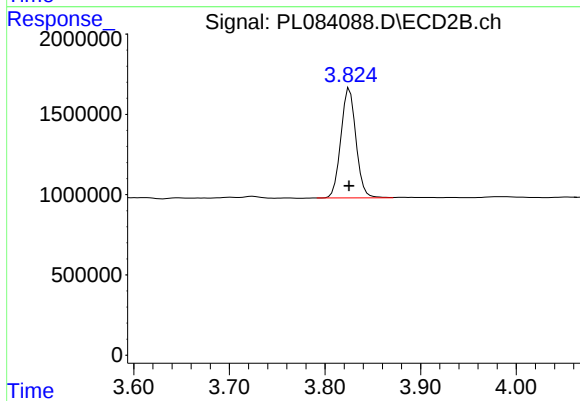
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.001 min
Response: 14340403
Conc: 9.43 ng/ml m



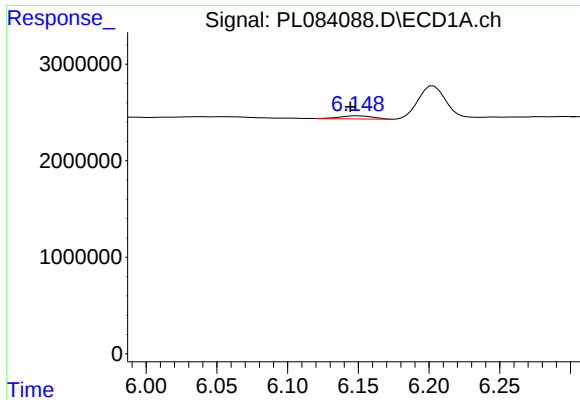
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 15558466
Conc: 12.97 ng/ml



#6 beta-BHC

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 7497342
Conc: 11.36 ng/ml



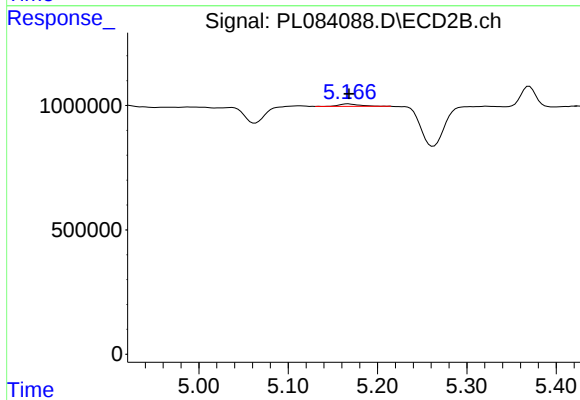
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.003 min
Response: 518227
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

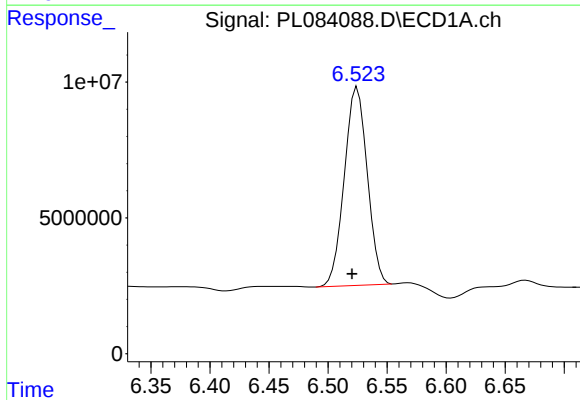
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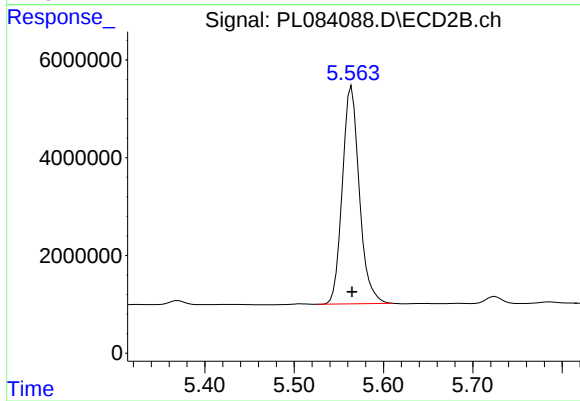
#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 153085
Conc: 0.12 ng/ml



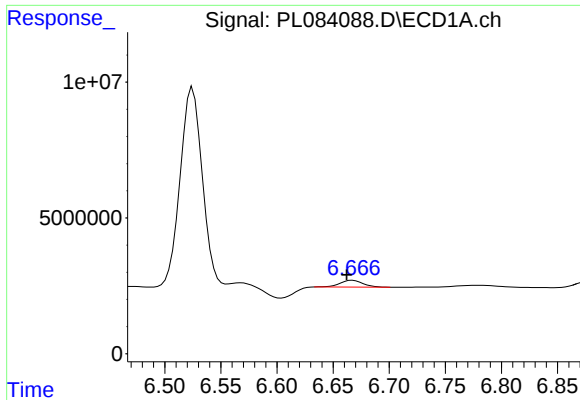
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.003 min
Response: 98895990
Conc: 51.93 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 58810952
Conc: 53.50 ng/ml



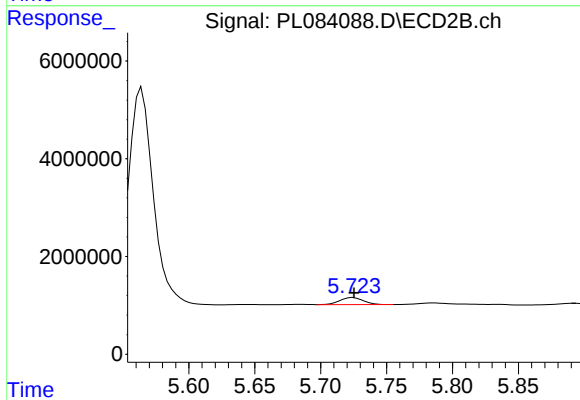
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.004 min
Response: 3594918
Conc: 2.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

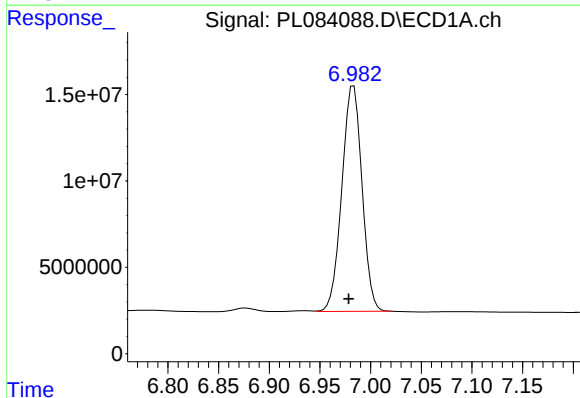
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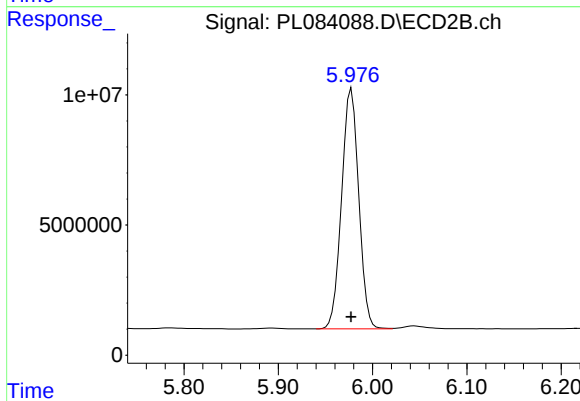
#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 1757712
Conc: 1.83 ng/ml m



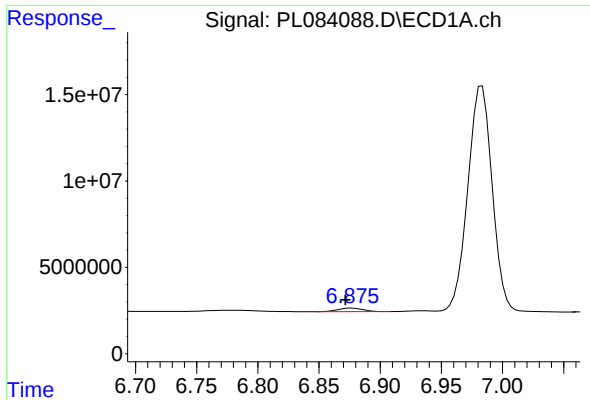
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.005 min
Response: 180476397
Conc: 113.17 ng/ml



#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 116819323
Conc: 128.26 ng/ml



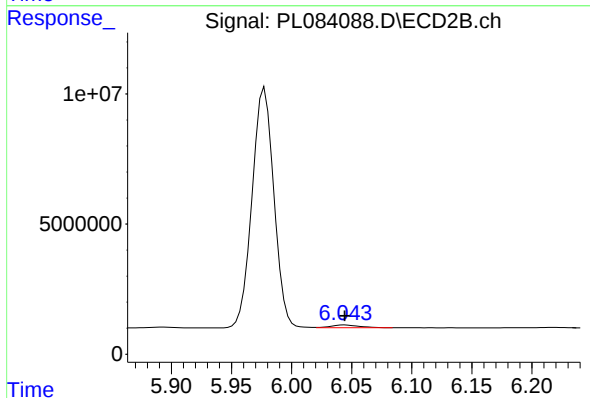
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.004 min
Response: 2962947
Conc: 2.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

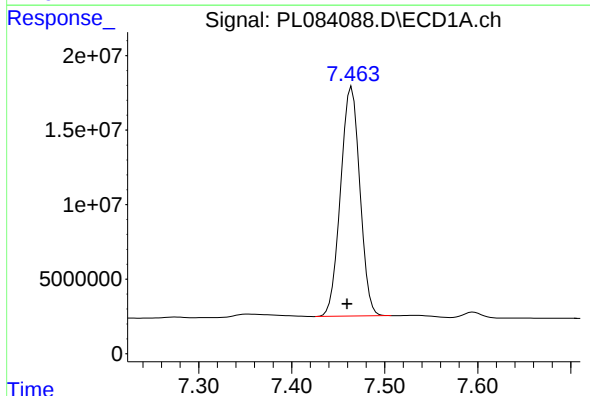
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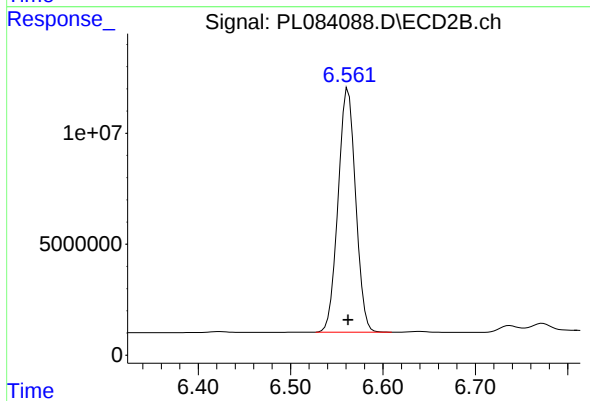
#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 1721814
Conc: 1.92 ng/ml m



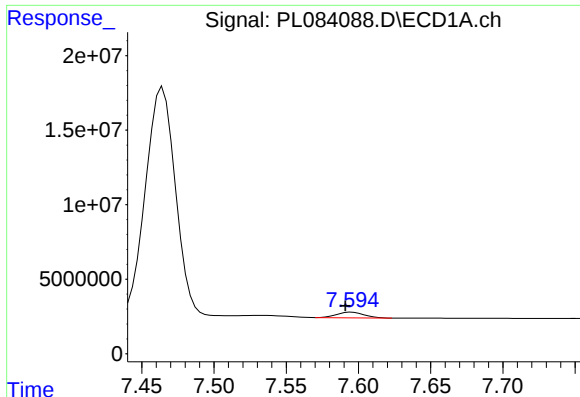
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 221924815
Conc: 283.71 ng/ml m



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 144876829
Conc: 302.30 ng/ml



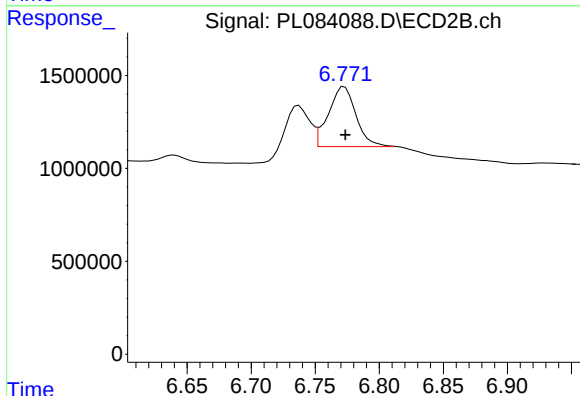
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 5034742
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

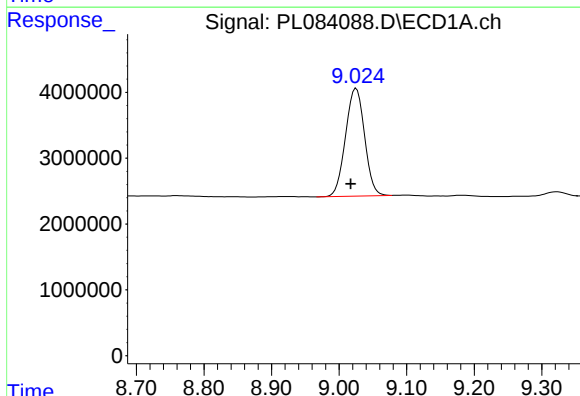
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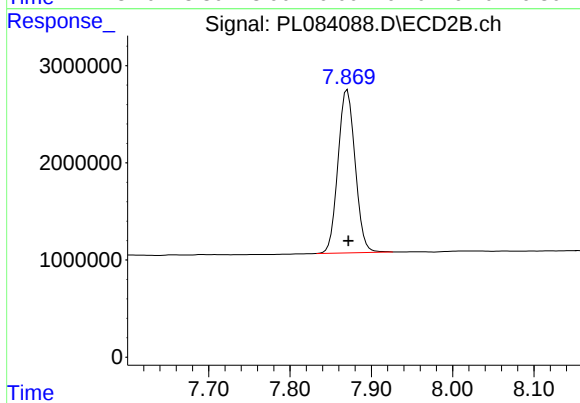
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 4738034
Conc: 3.67 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.008 min
Response: 31985098
Conc: 24.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: -0.001 min
Response: 24593053
Conc: 22.13 ng/ml