

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090623\
 Data File : PL085134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2023 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/07/2023
 Supervised By : Ankita Jodhani 09/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 20:48:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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	48947183	21236020	20.012	18.691
28)	SA Decachlor...	9.029	7.865	33704253	25156480	20.959	18.899
Target Compounds							
2)	A alpha-BHC	3.935	3.189	34411872	14709212	9.987	8.994
3)	MA gamma-BHC...	4.270	3.520	32543412	13803779	9.803	8.649
6)	B beta-BHC	4.470	3.822	15703624	6886934	11.111	10.150
12)	B 4,4'-DDE	6.145	5.170	584972	222058	0.281	0.178m#
14)	MA Endrin	6.528	5.560	97572411	58003795	47.236	45.379
16)	A 4,4'-DDD	6.670	5.719	1562403	560811	1.015	0.534m#
17)	MA 4,4'-DDT	6.986	5.972	176.7E6	113.8E6	104.880	97.607
18)	B Endrin al...	6.879	6.041	2573349	3030418	1.674m	2.967 #
20)	A Methoxychlor	7.468	6.557	219.2E6	150.6E6	241.300	223.853
21)	B Endrin ke...	7.598	6.767	4211512	2966833	2.150m	2.011m

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

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Acq On : 06 Sep 2023 09:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

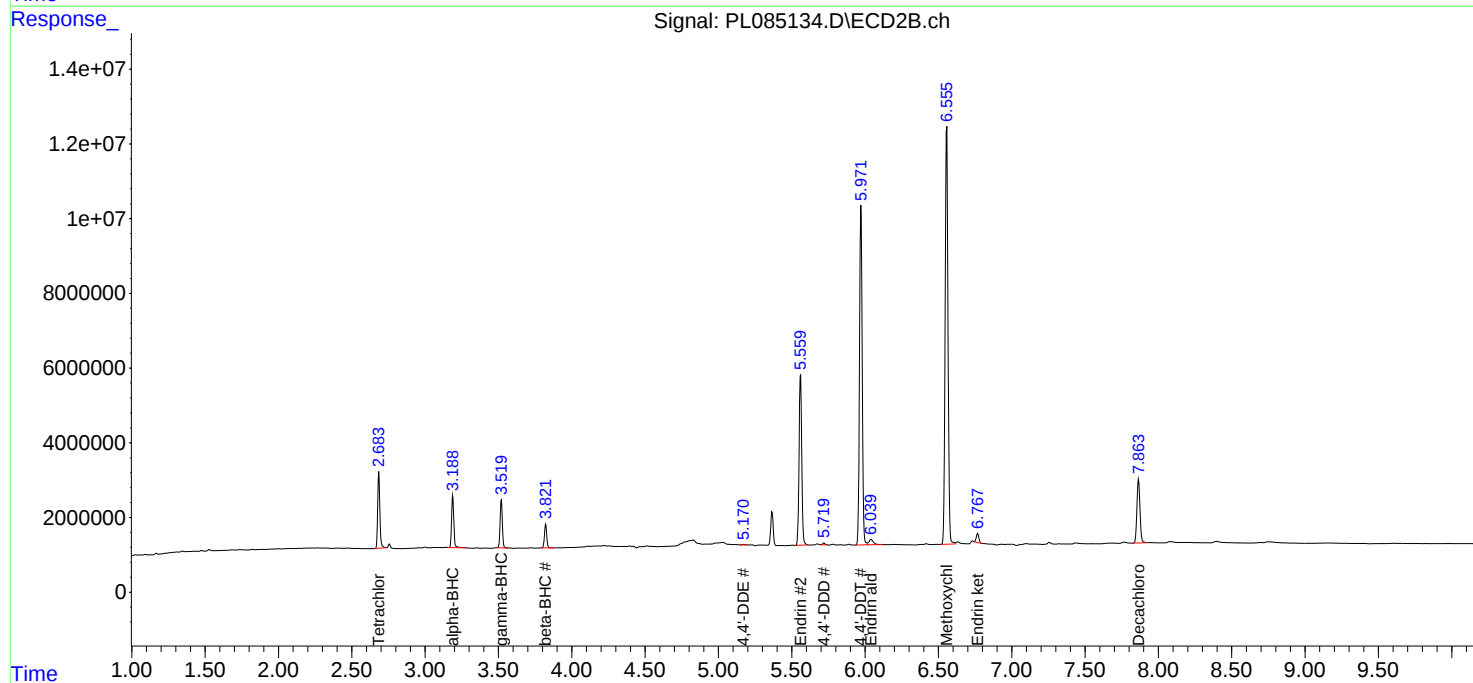
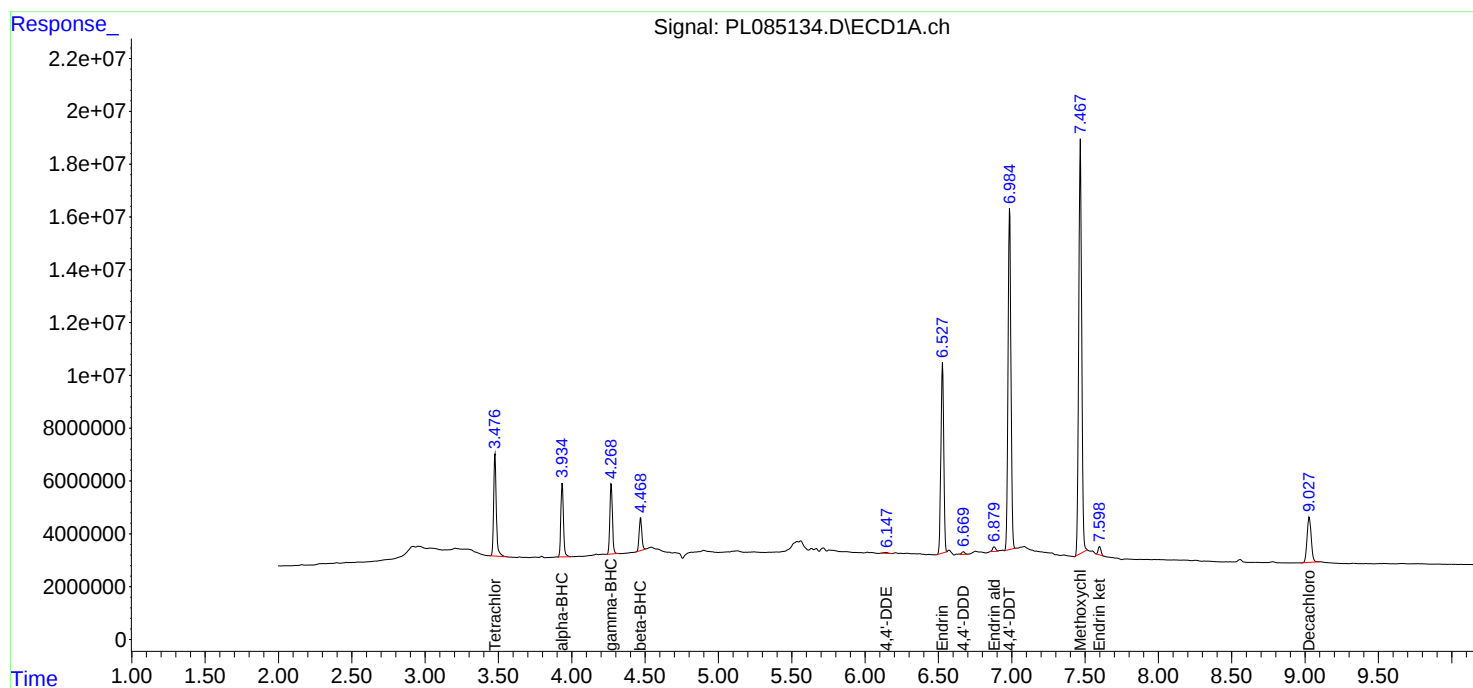
Instrument :
ECD_L
ClientSampleId :
PEM

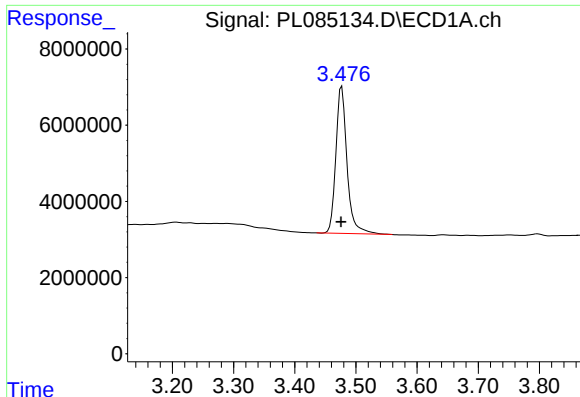
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Integration File signal 1: autoint1.e
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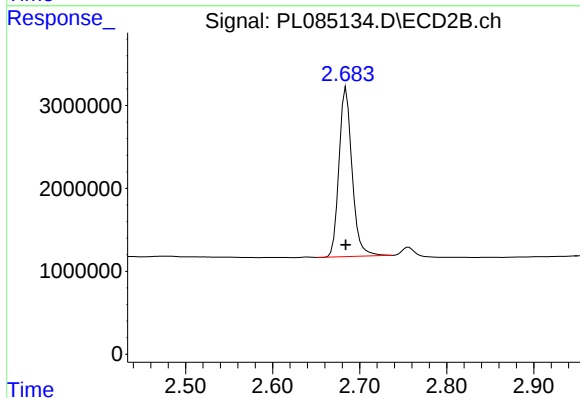
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 48947183
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

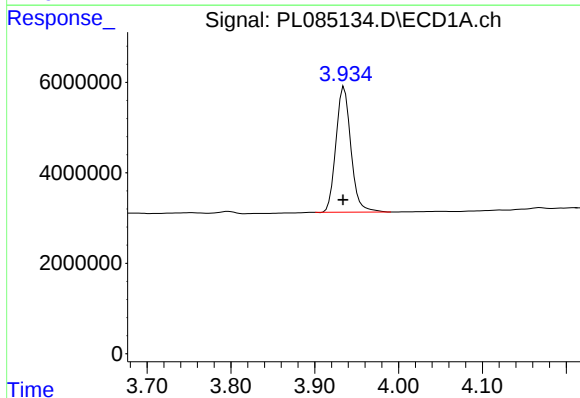
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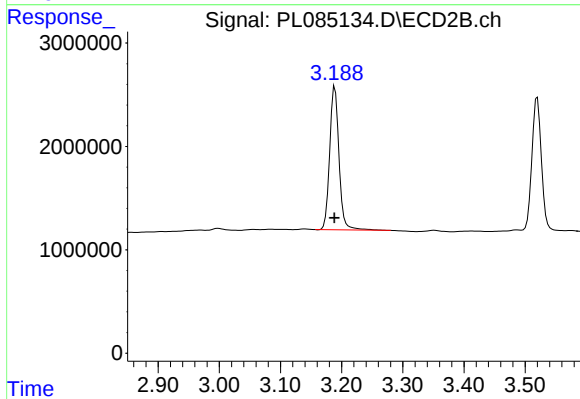
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: 0.000 min
Response: 21236020
Conc: 18.69 ng/ml



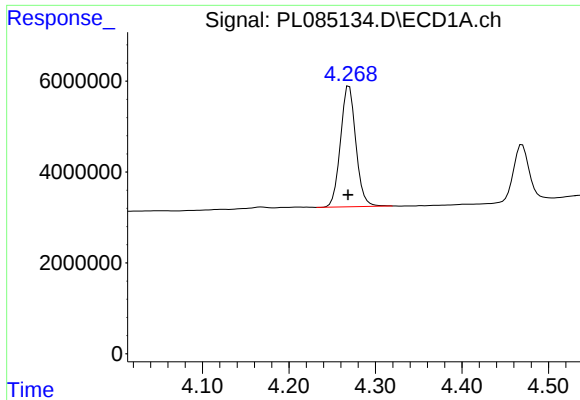
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 34411872
Conc: 9.99 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 14709212
Conc: 8.99 ng/ml



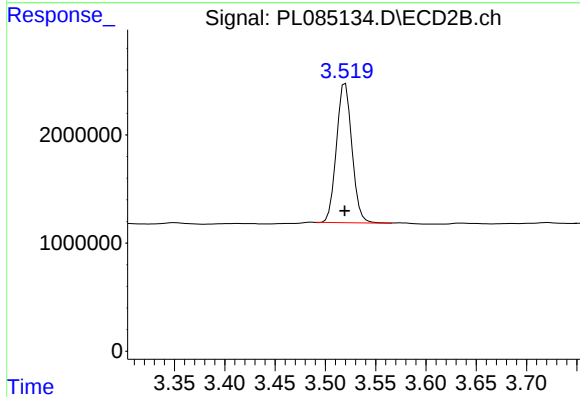
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 32543412
Conc: 9.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

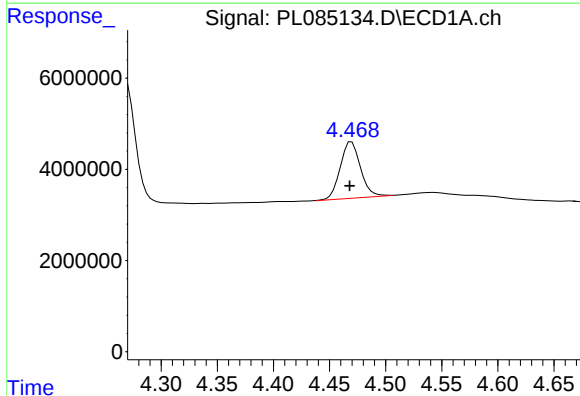
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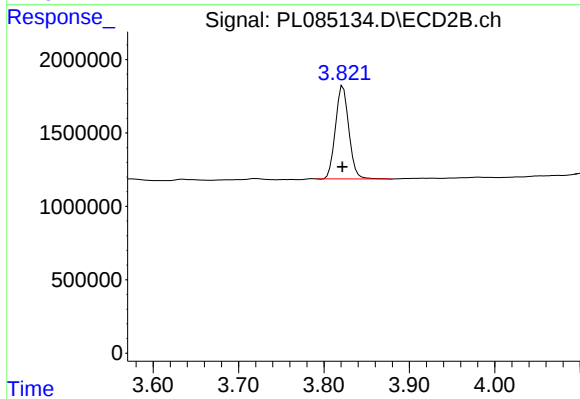
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 13803779
Conc: 8.65 ng/ml



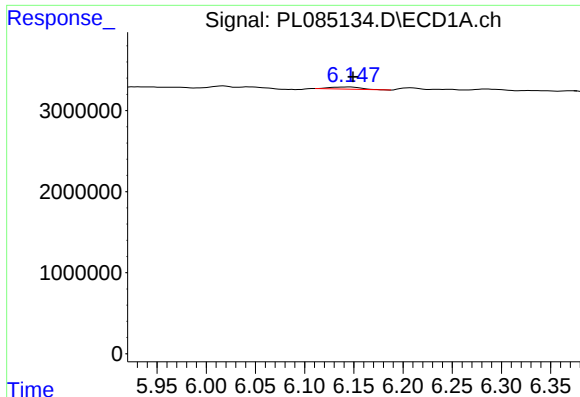
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.002 min
Response: 15703624
Conc: 11.11 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 6886934
Conc: 10.15 ng/ml



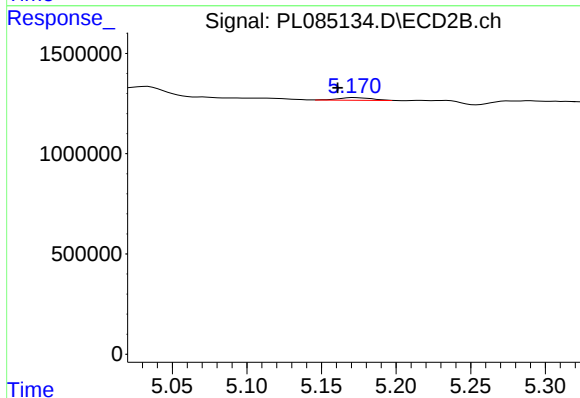
#12 4,4'-DDE

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 584972
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

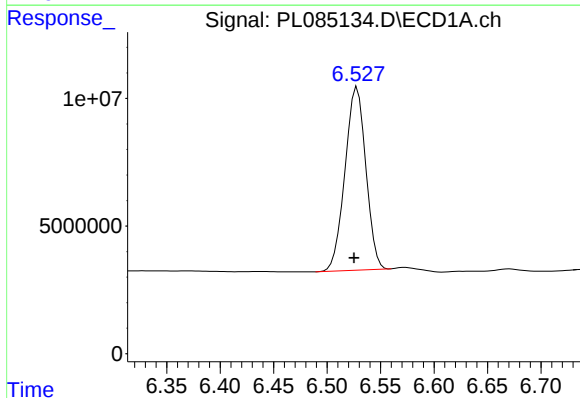
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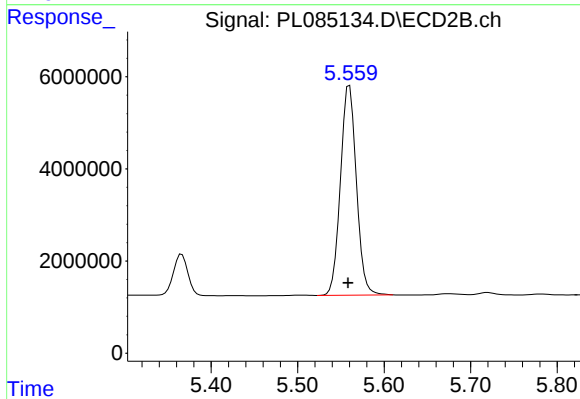
#12 4,4'-DDE

R.T.: 5.170 min
Delta R.T.: 0.009 min
Response: 222058
Conc: 0.18 ng/ml m



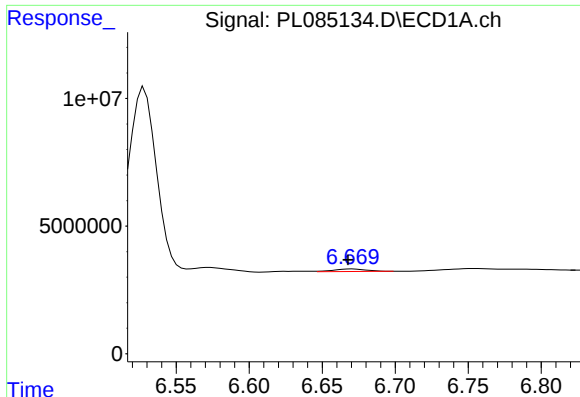
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 97572411
Conc: 47.24 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: 0.002 min
Response: 58003795
Conc: 45.38 ng/ml



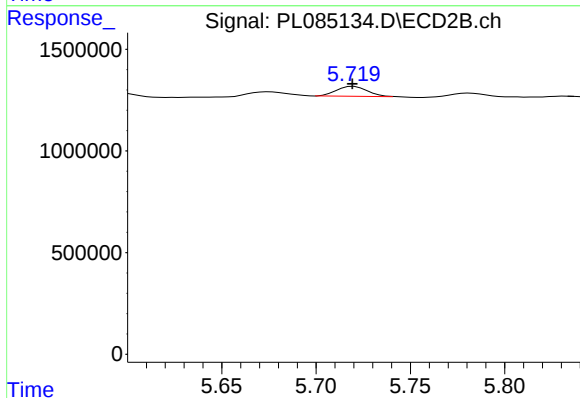
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 1562403
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

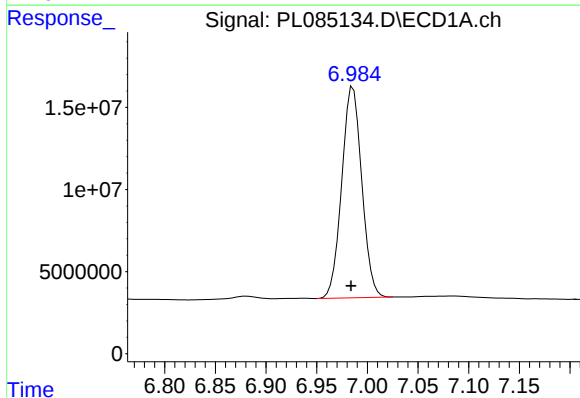
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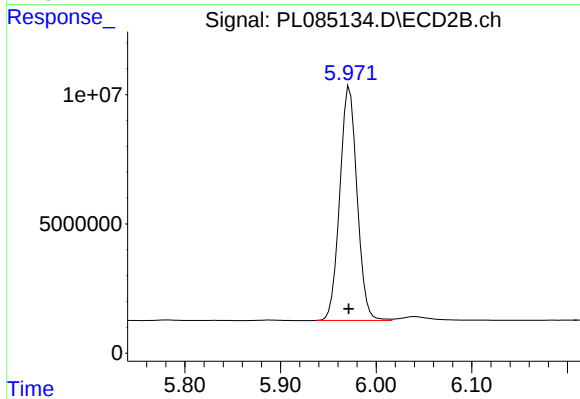
#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 560811
Conc: 0.53 ng/ml m



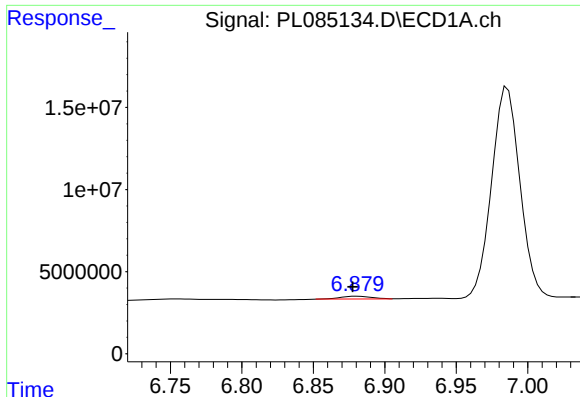
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.002 min
Response: 176680926
Conc: 104.88 ng/ml



#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 113795247
Conc: 97.61 ng/ml



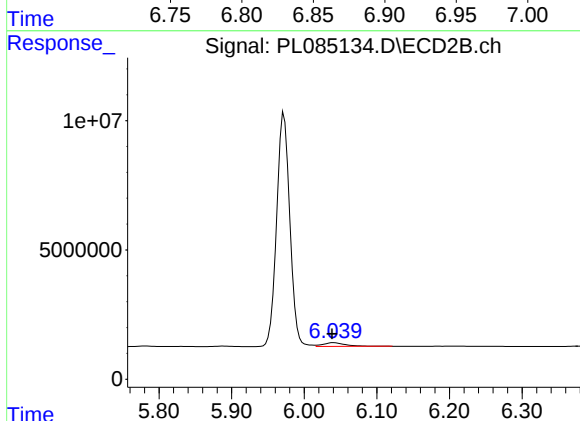
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.002 min
Response: 2573349
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

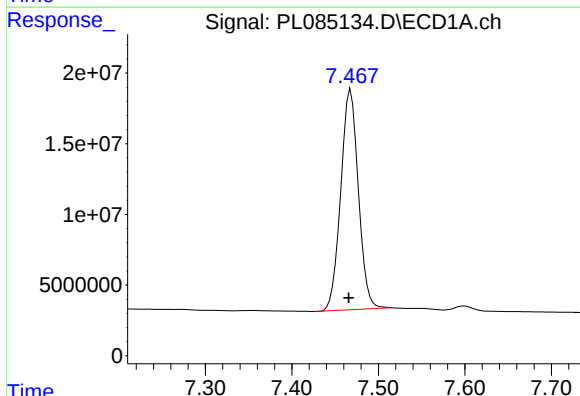
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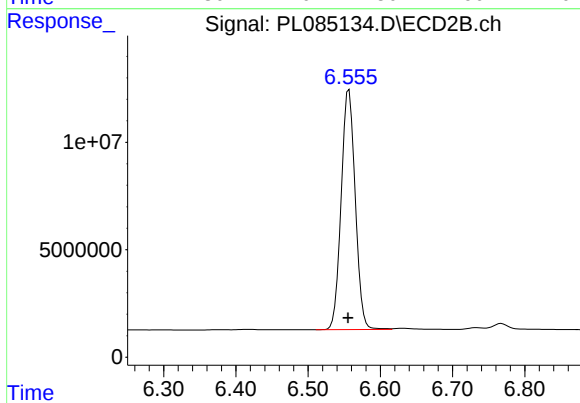
#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 3030418
Conc: 2.97 ng/ml



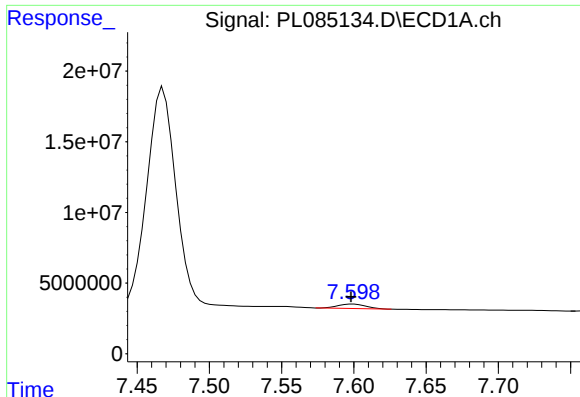
#20 Methoxychlor

R.T.: 7.468 min
Delta R.T.: 0.002 min
Response: 219246409
Conc: 241.30 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: 0.001 min
Response: 150589879
Conc: 223.85 ng/ml



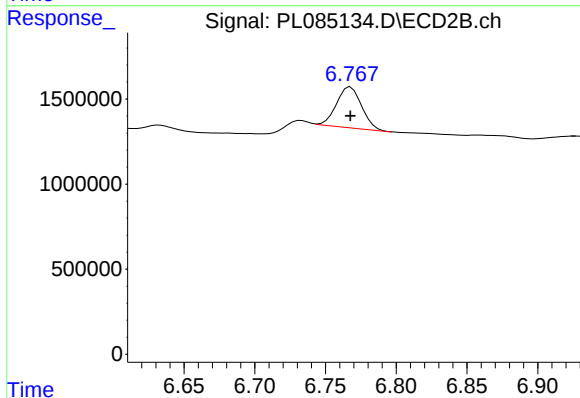
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 4211512
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

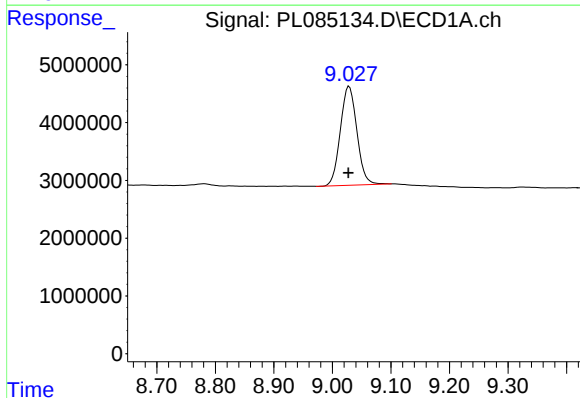
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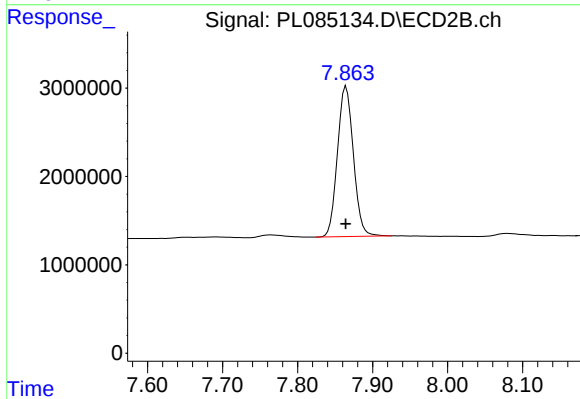
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 2966833
Conc: 2.01 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.002 min
Response: 33704253
Conc: 20.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 25156480
Conc: 18.90 ng/ml