

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041524\
 Data File : PL089021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2024 14:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/16/2024
 Supervised By : Ankita Jodhani 04/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 17:07:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 17:04:40 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...	3.551	2.797	43321715	25930078	20.383	19.454
28)	SA Decachlor...	9.063	7.949	26043407	27432018	20.446	20.485
Target Compounds							
2)	A alpha-BHC	4.006	3.302	31095200	17741450	10.400	8.967
3)	MA gamma-BHC...	4.338	3.633	29407695	16575604	10.193	8.617
6)	B beta-BHC	4.533	3.930	14123078	8632907	10.525	10.329
12)	B 4,4'-DDE	6.203	5.264	2173674	809554	1.082m	0.551m#
14)	MA Endrin	6.585	5.671	82547371	66636277	43.923	45.850
16)	A 4,4'-DDD	6.721	5.820	3320303	1085866	2.060	0.897 #
17)	MA 4,4'-DDT	7.032	6.069	148.2E6	137.3E6	81.351	104.745 #
18)	B Endrin al...	6.934	6.144	3220715	2277097	2.201	2.072
20)	A Methoxychlor	7.507	6.645	185.7E6	178.8E6	210.708	239.256
21)	B Endrin ke...	7.651	6.872	5092305	3270439	2.641	2.066

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

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Acq On : 15 Apr 2024 14:19
Operator : AR\AJ
Sample : PEM
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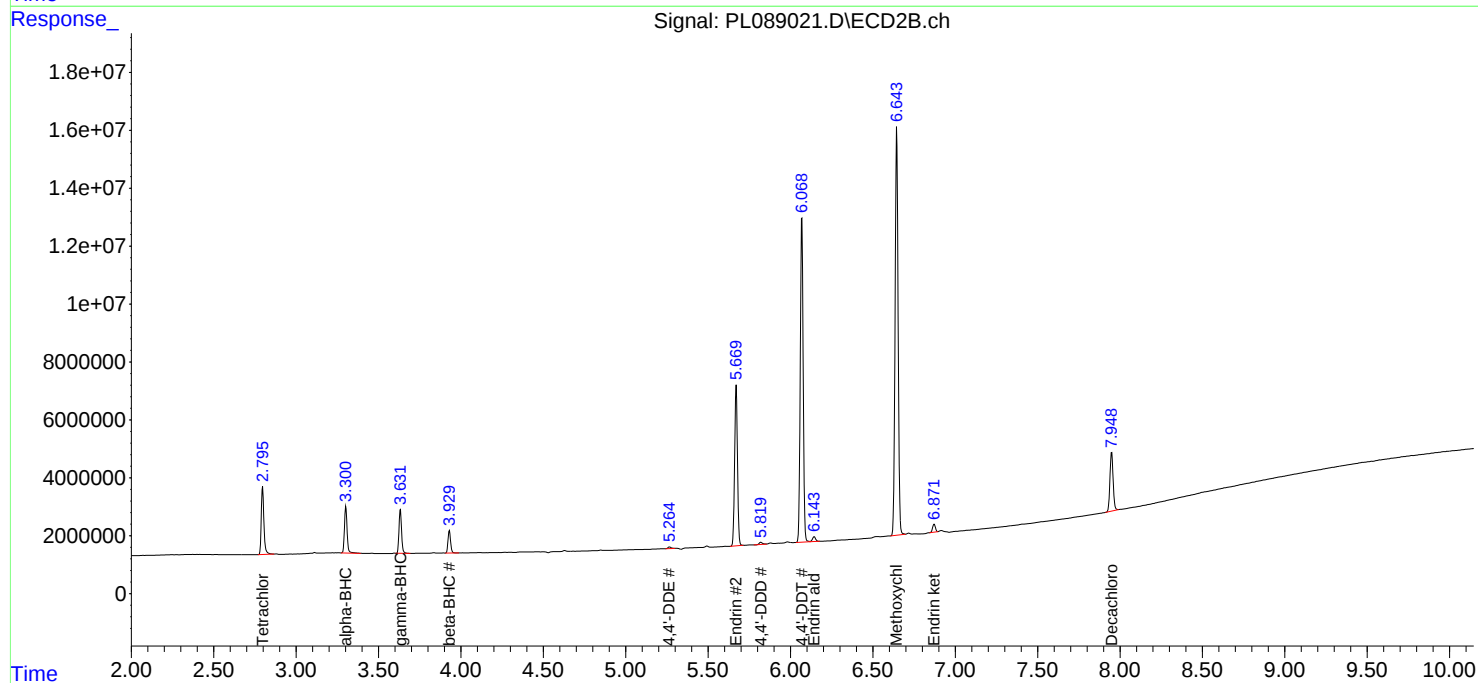
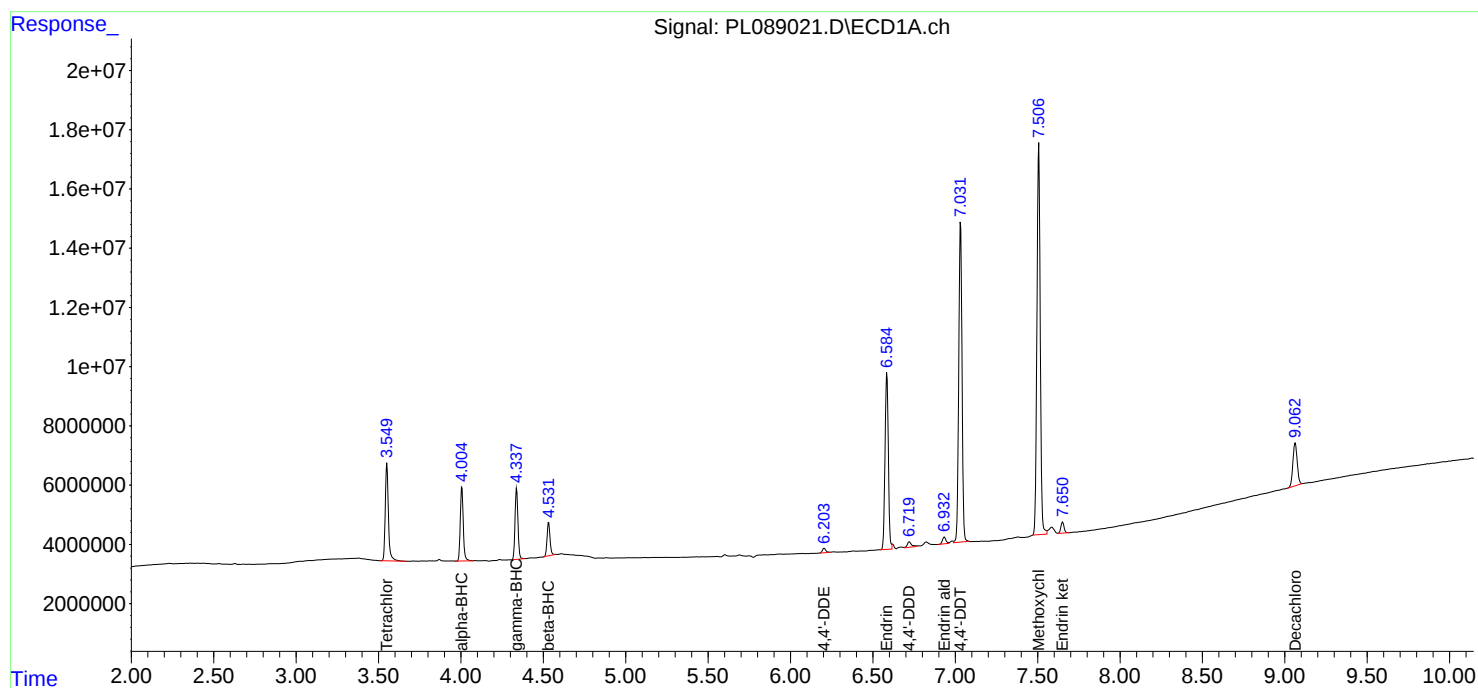
Instrument :
ECD_L
ClientSampleId :
PEM

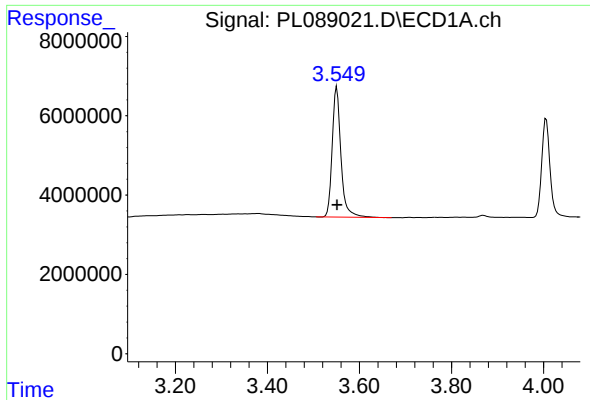
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Integration File signal 1: autoint1.e
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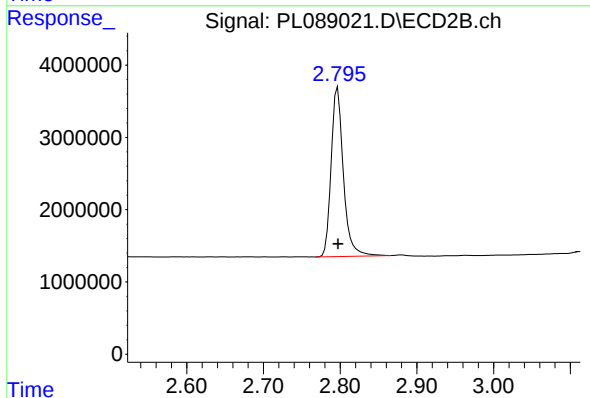
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 43321715
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

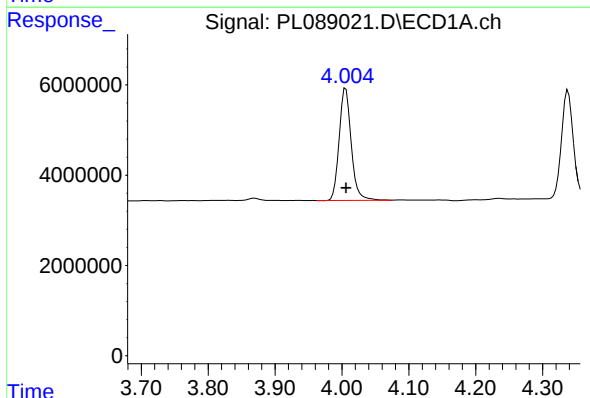
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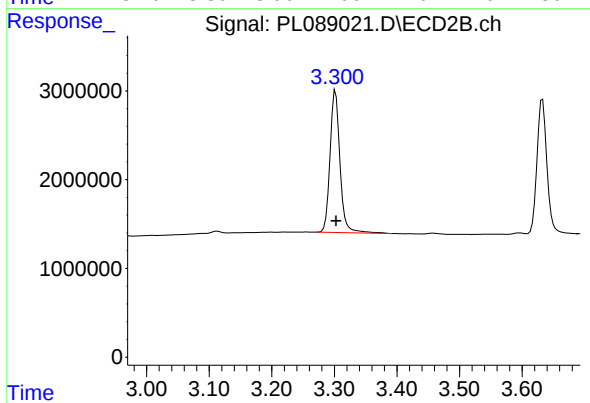
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25930078
Conc: 19.45 ng/ml



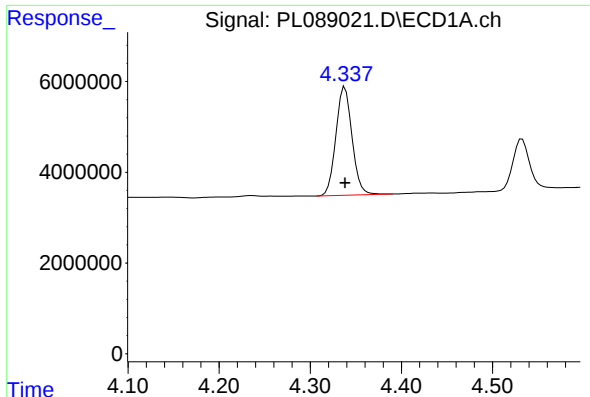
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 31095200
Conc: 10.40 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 17741450
Conc: 8.97 ng/ml



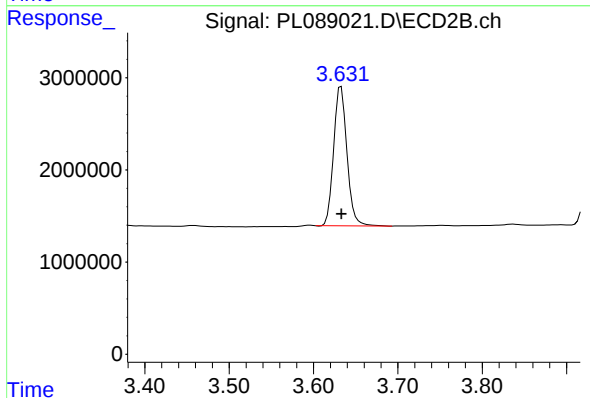
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 29407695
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

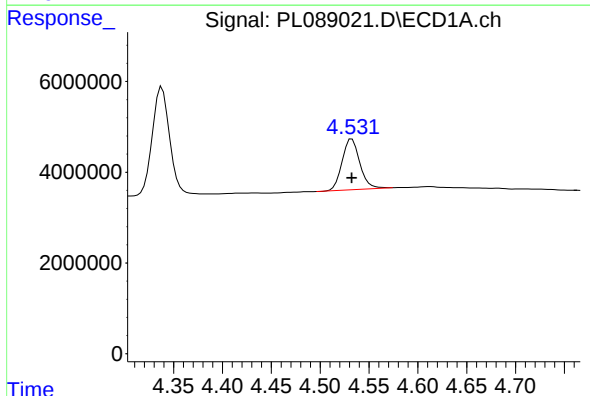
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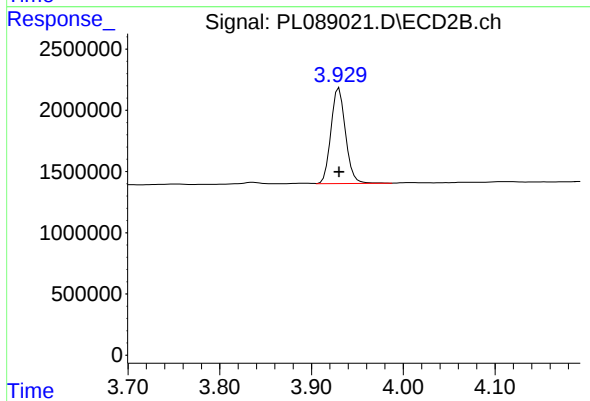
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 16575604
Conc: 8.62 ng/ml



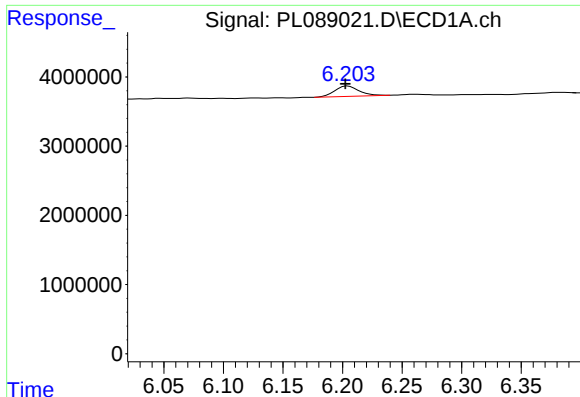
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 14123078
Conc: 10.52 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 8632907
Conc: 10.33 ng/ml



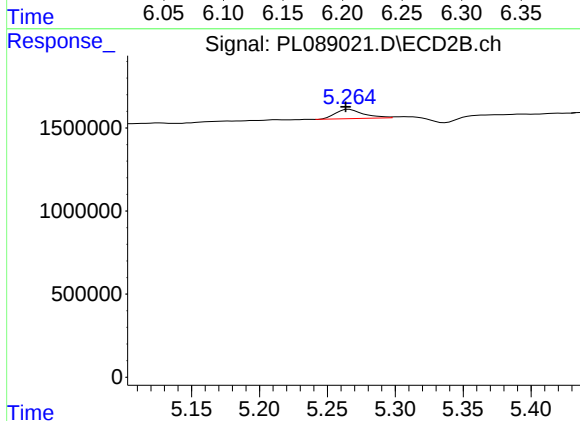
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 2173674
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

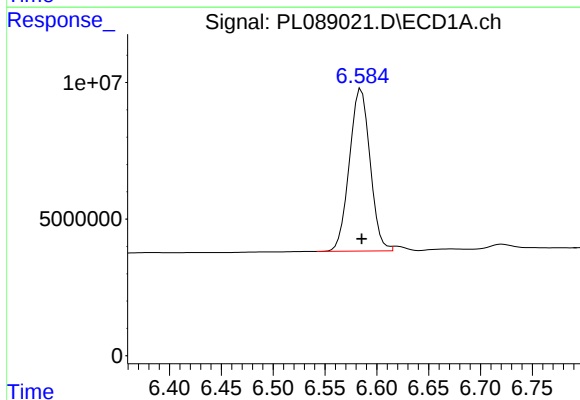
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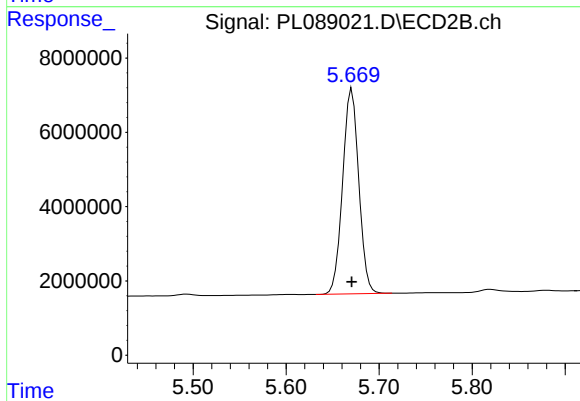
#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 809554
Conc: 0.55 ng/ml m



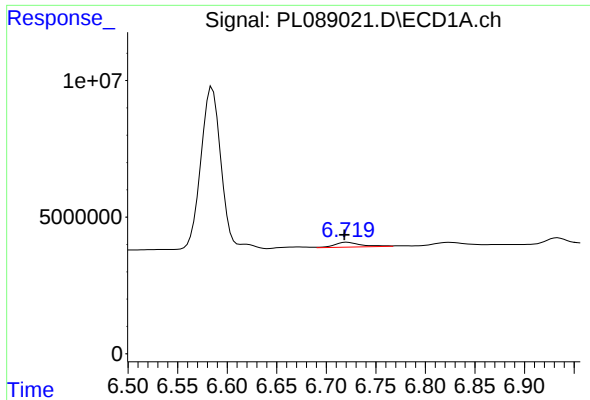
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 82547371
Conc: 43.92 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 66636277
Conc: 45.85 ng/ml



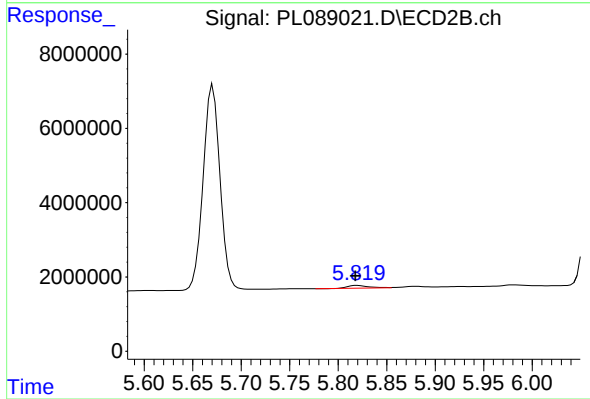
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.002 min
Response: 3320303
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

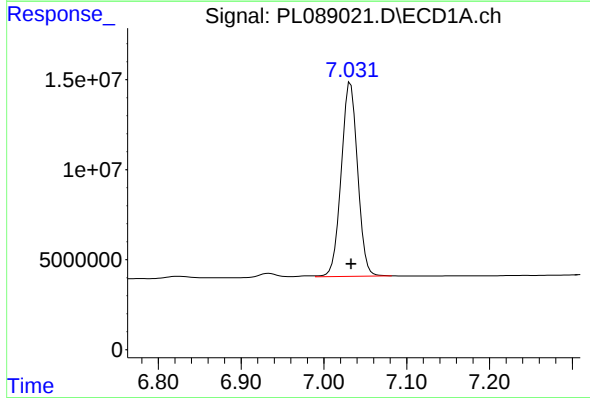
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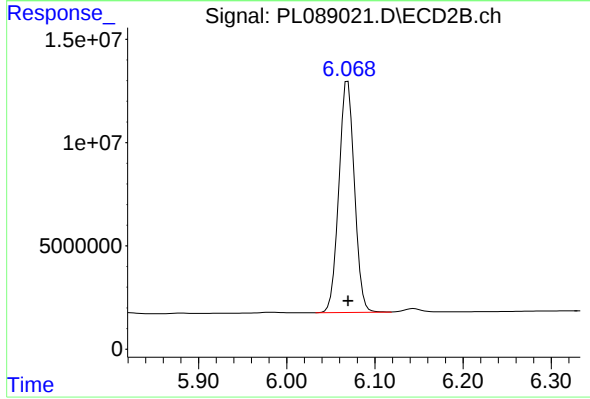
#16 4,4'-DDD

R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 1085866
Conc: 0.90 ng/ml



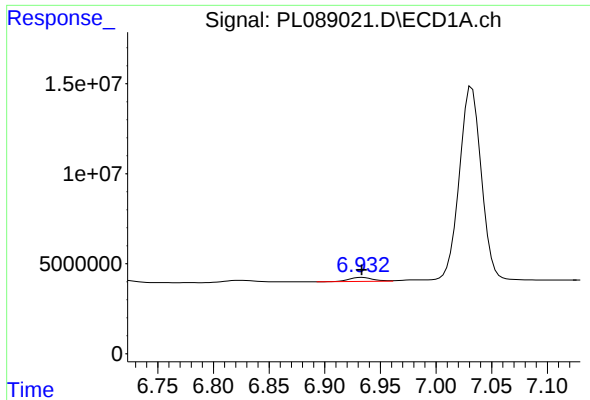
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 148240853
Conc: 81.35 ng/ml



#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 137296003
Conc: 104.75 ng/ml



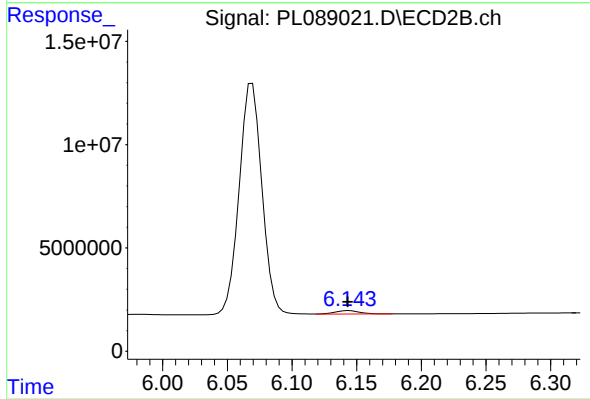
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 3220715
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

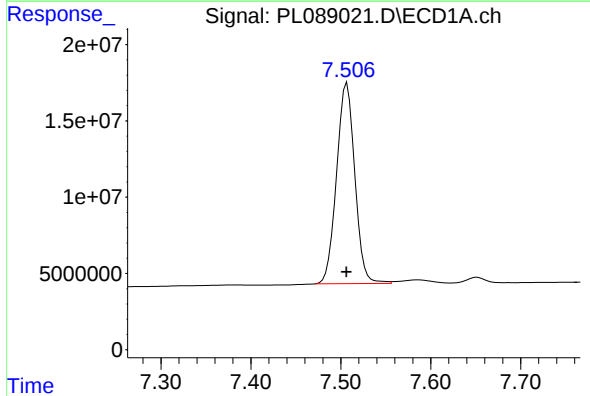
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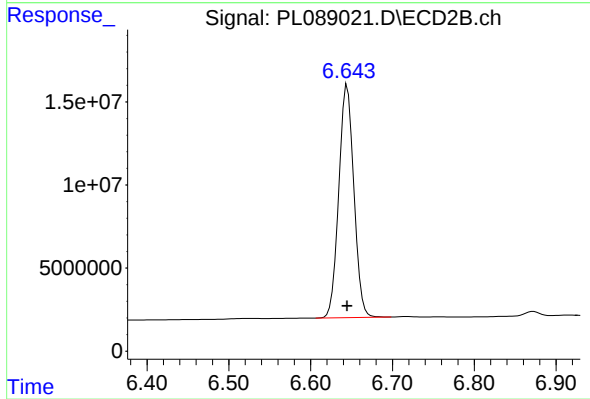
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 2277097
Conc: 2.07 ng/ml



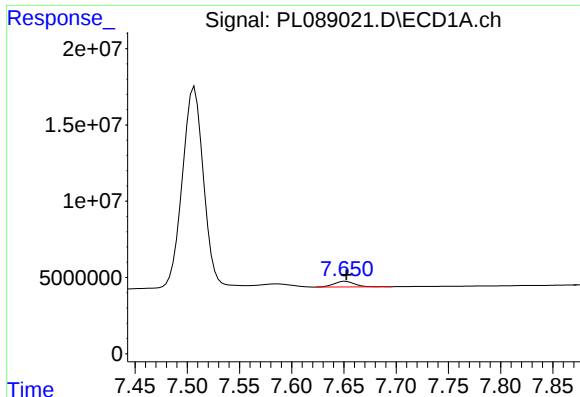
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 185658063
Conc: 210.71 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 178826307
Conc: 239.26 ng/ml



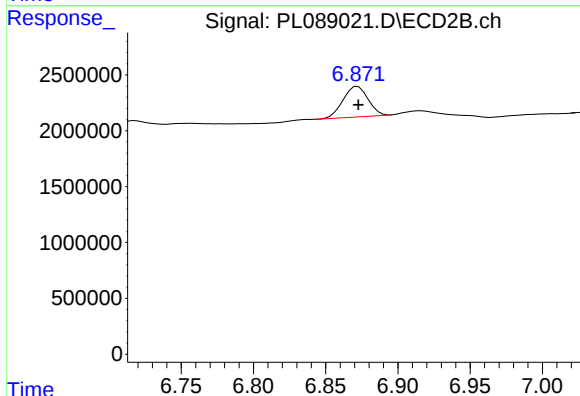
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 5092305
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

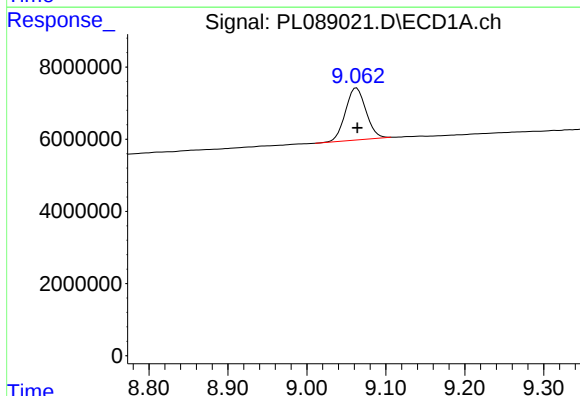
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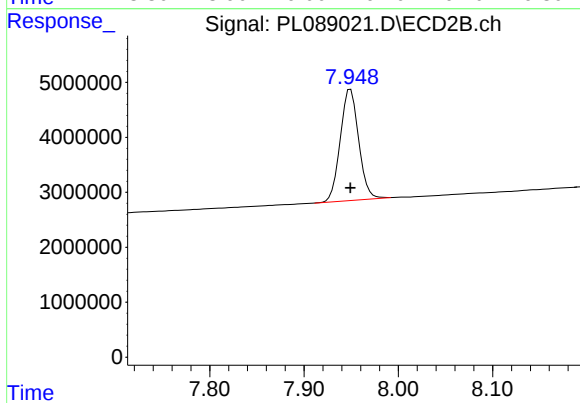
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 3270439
Conc: 2.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 26043407
Conc: 20.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 27432018
Conc: 20.49 ng/ml