

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
 Data File : PL088277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 09:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/27/2024
 Supervised By : Ankita Jodhani 02/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 23:51:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.635	2.854	56037491	25485829	20.402	18.171
28)	SA Decachlor...	9.303	8.084	47793004	26320403	24.816	20.671
Target Compounds							
2)	A alpha-BHC	4.100	3.368	38619258	16844856	9.252	8.198
3)	MA gamma-BHC...	4.438	3.705	37658199	16275718	9.299	8.128
6)	B beta-BHC	4.635	4.007	19467745	8348714	11.178	9.380
12)	B 4,4'-DDE	6.329	5.362	335793	246427	0.111m	0.155m#
14)	MA Endrin	6.719	5.775	120.4E6	63956604	46.302	42.776
16)	A 4,4'-DDD	6.854	5.925	3098203	1807896	1.195	1.323
17)	MA 4,4'-DDT	7.173	6.180	259.1E6	137.6E6	98.556	100.771
18)	B Endrin al...	7.070	6.255	4602620	2382395	2.226m	2.181
20)	A Methoxychlor	7.653	6.763	341.5E6	175.6E6	258.024	224.084
21)	B Endrin ke...	7.799	6.992	7851080	5375781	2.803	3.211

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

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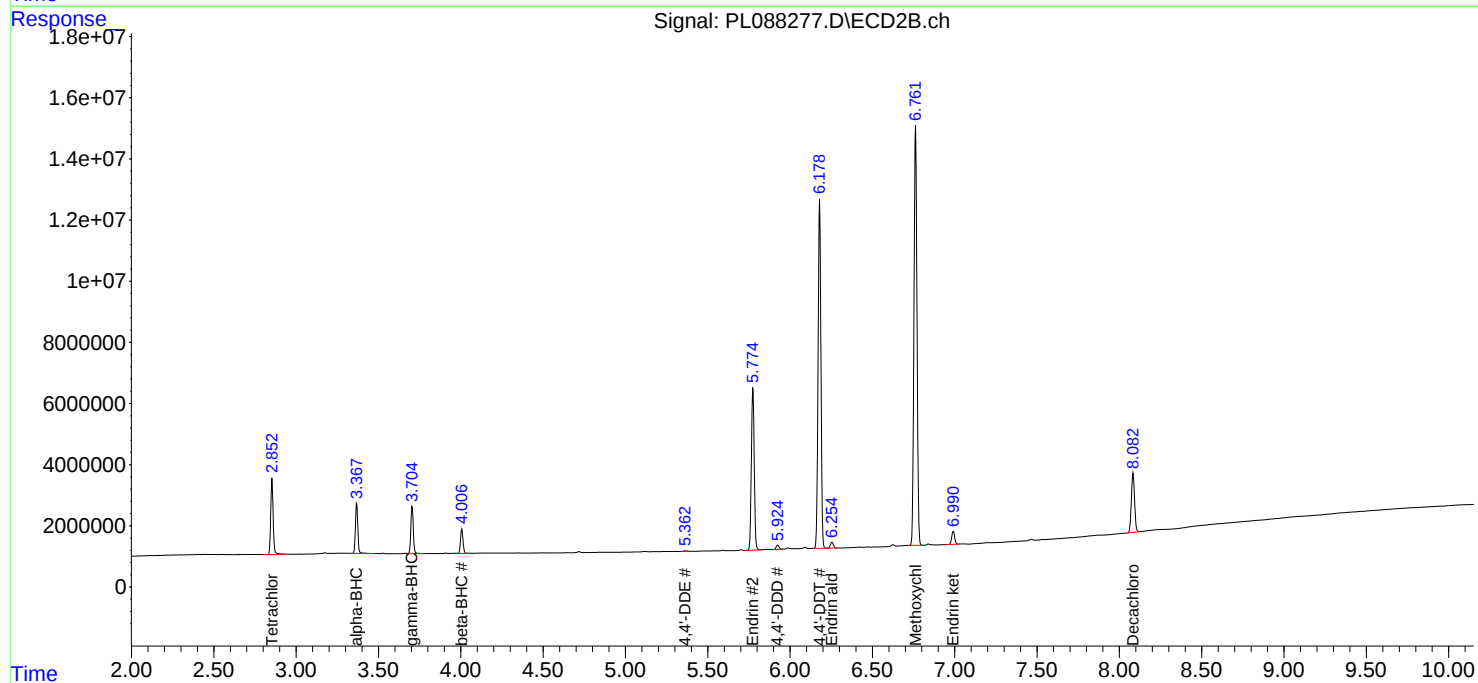
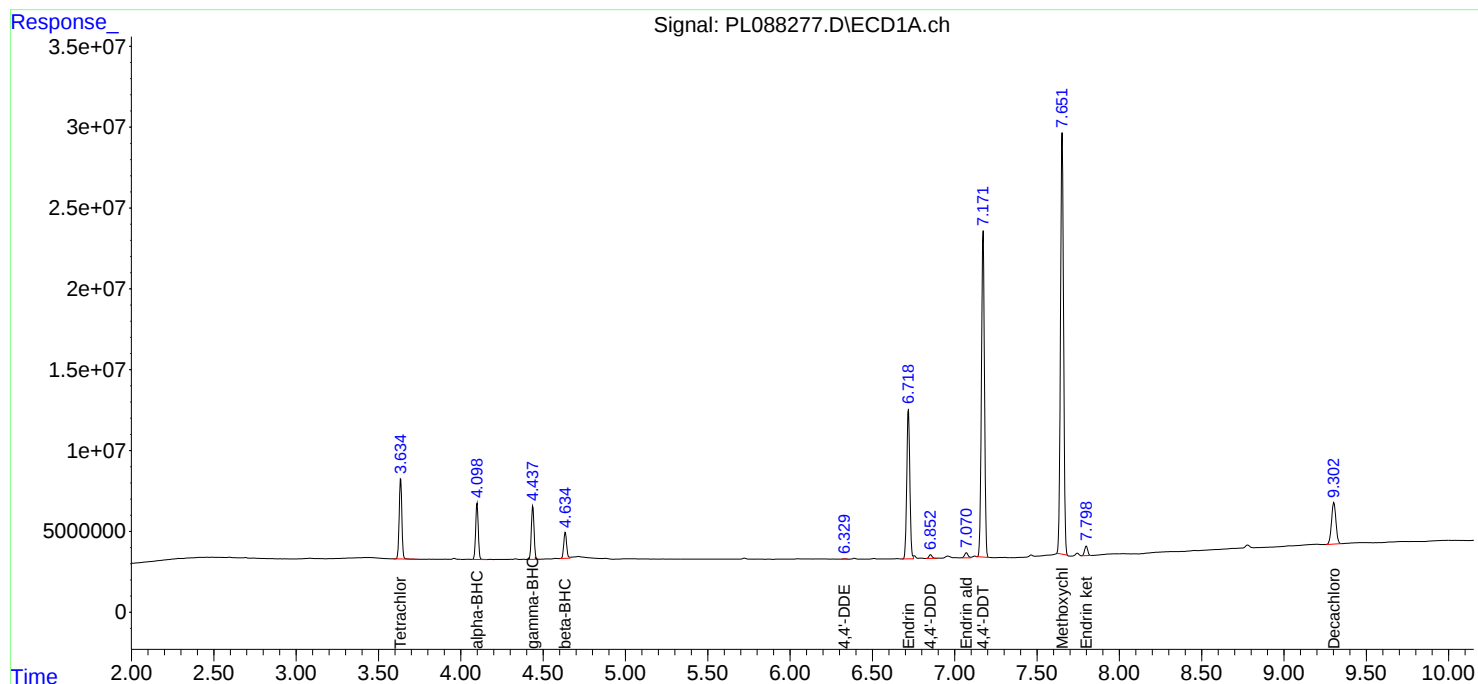
Instrument :
ECD_L
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PEM

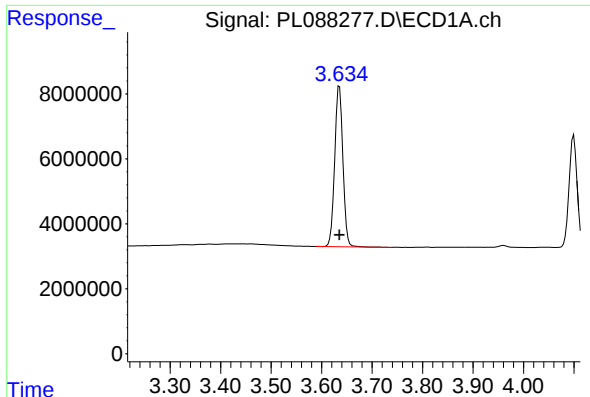
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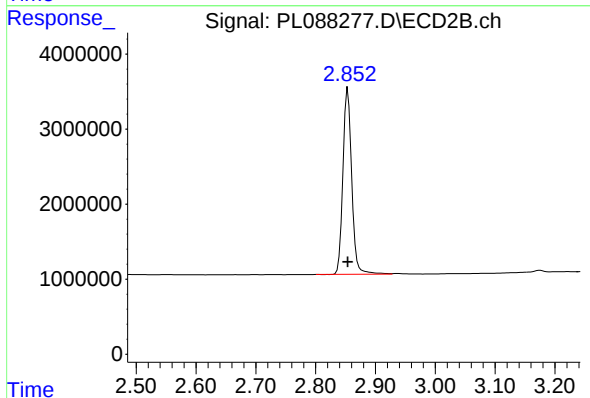
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 56037491
Conc: 20.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

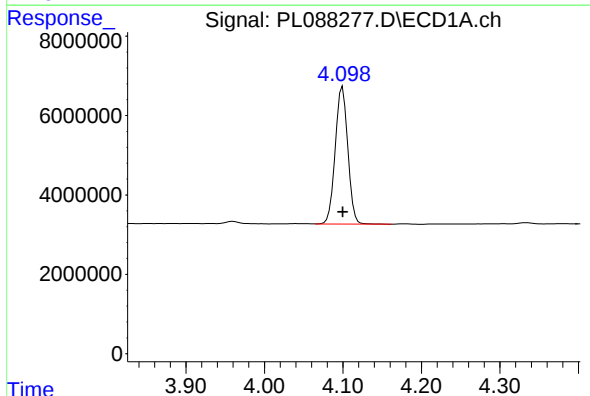
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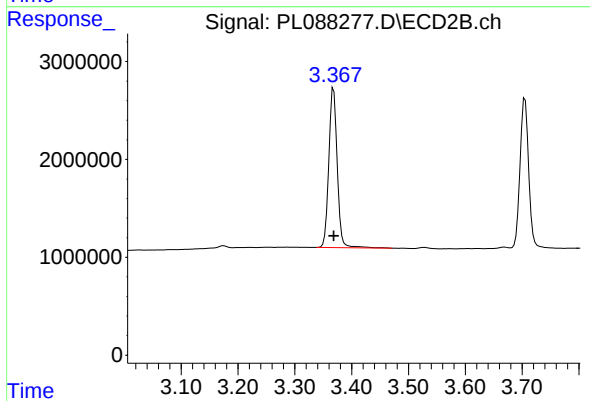
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 25485829
Conc: 18.17 ng/ml



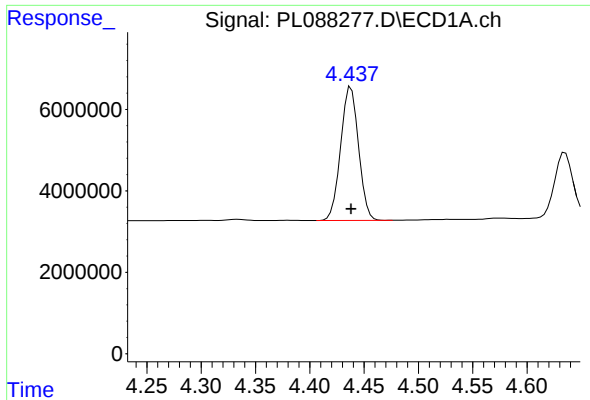
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 38619258
Conc: 9.25 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 16844856
Conc: 8.20 ng/ml



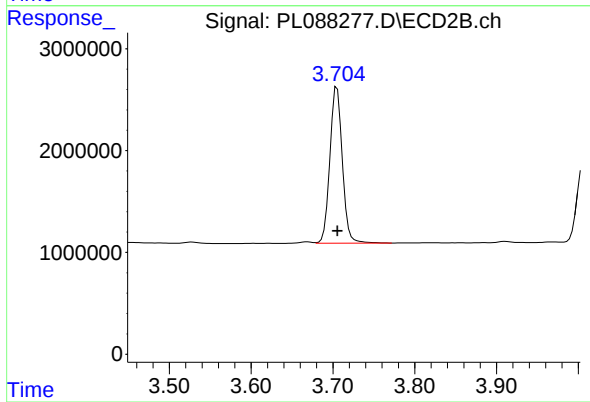
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 37658199
Conc: 9.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

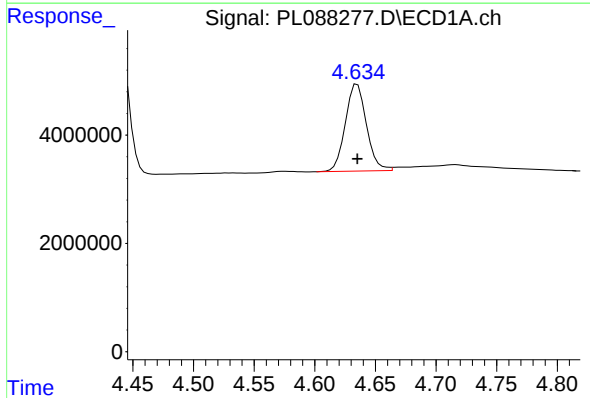
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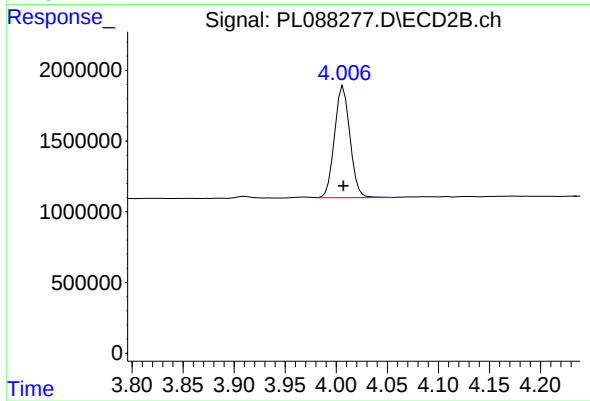
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 16275718
Conc: 8.13 ng/ml



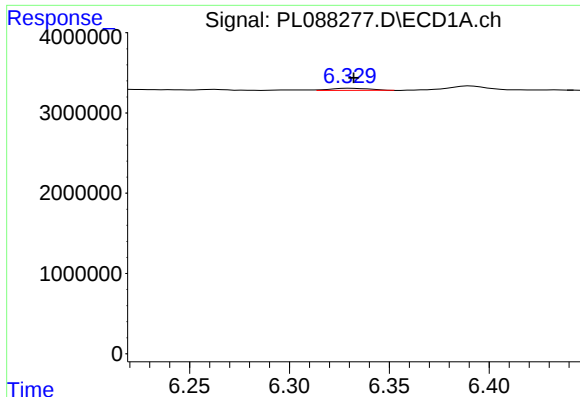
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19467745
Conc: 11.18 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 8348714
Conc: 9.38 ng/ml



#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 335793
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

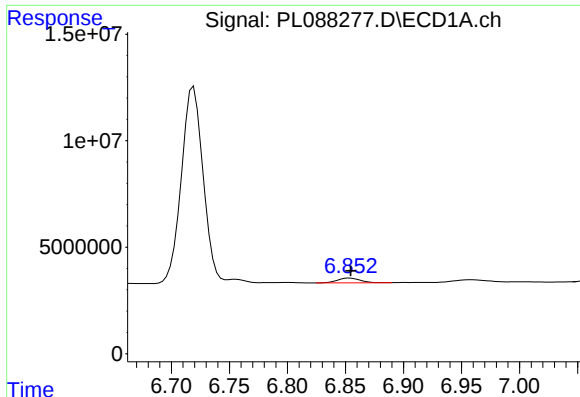
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 246427
Conc: 0.16 ng/ml m

#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 120413136
Conc: 46.30 ng/ml

#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 63956604
Conc: 42.78 ng/ml



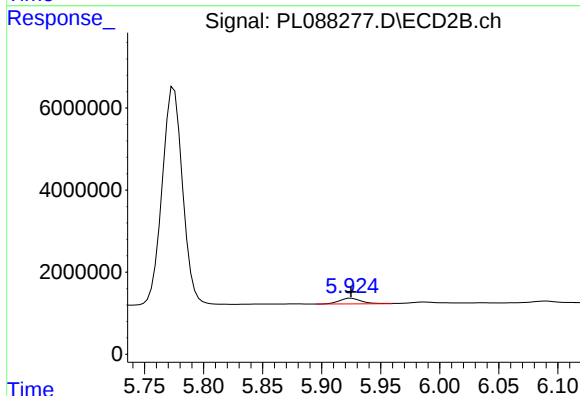
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 3098203
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

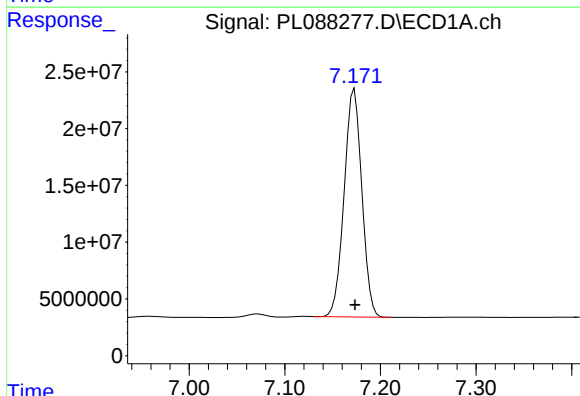
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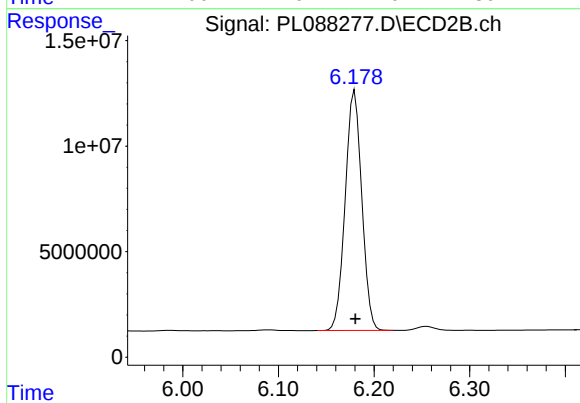
#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1807896
Conc: 1.32 ng/ml



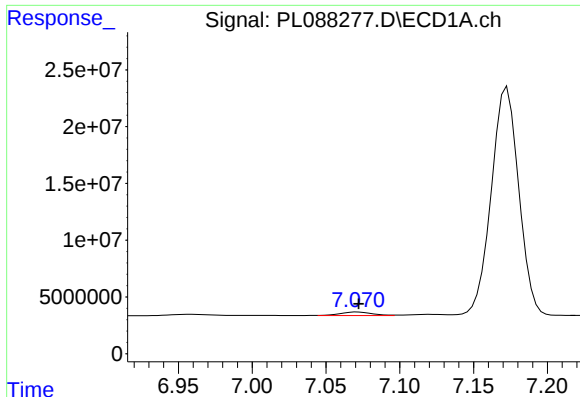
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 259123200
Conc: 98.56 ng/ml



#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 137575310
Conc: 100.77 ng/ml



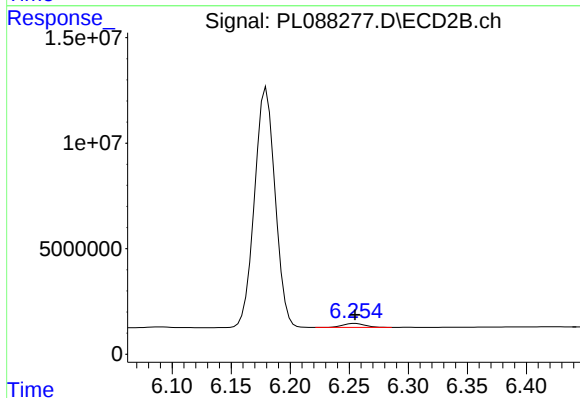
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 4602620
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

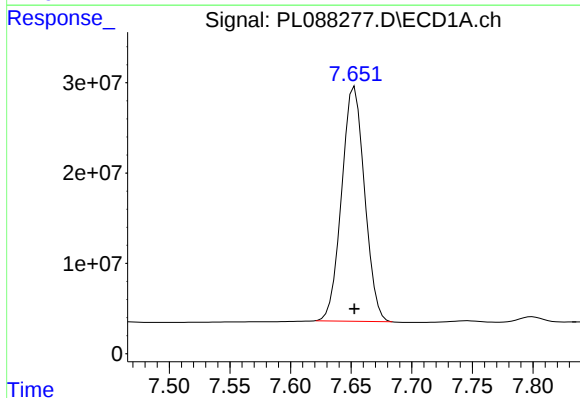
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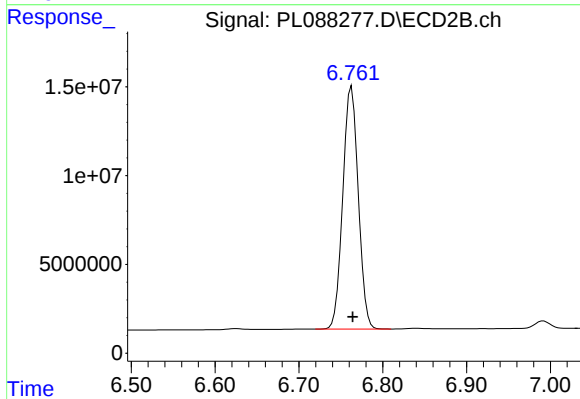
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 2382395
Conc: 2.18 ng/ml



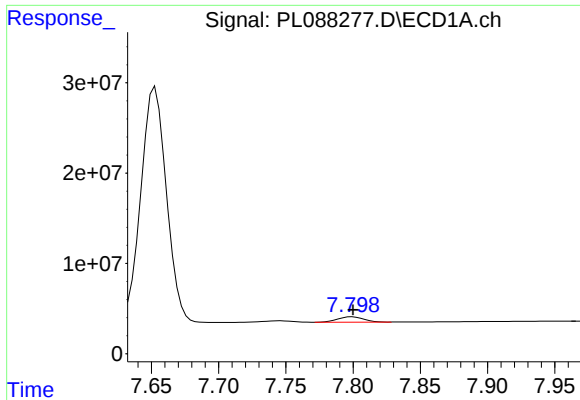
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 341549051
Conc: 258.02 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.001 min
Response: 175627384
Conc: 224.08 ng/ml



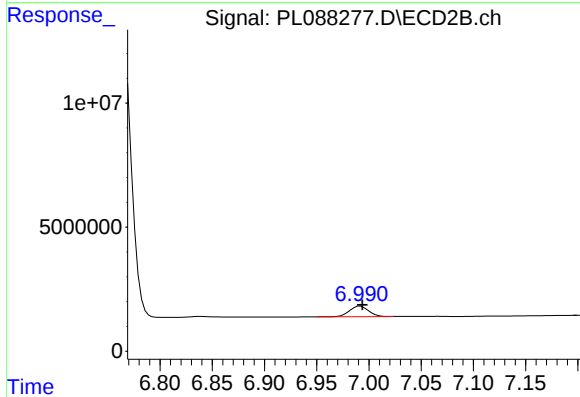
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 7851080
Conc: 2.80 ng/ml

Instrument :
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ClientSampleId :
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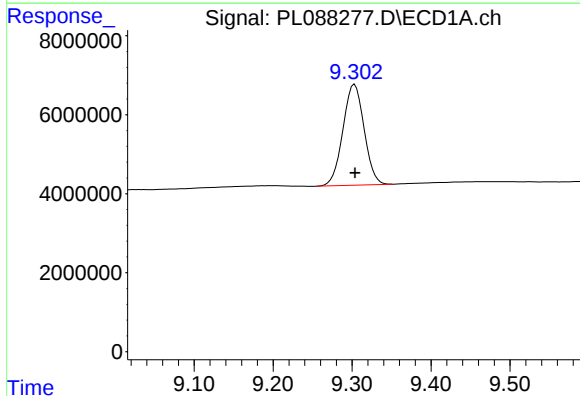
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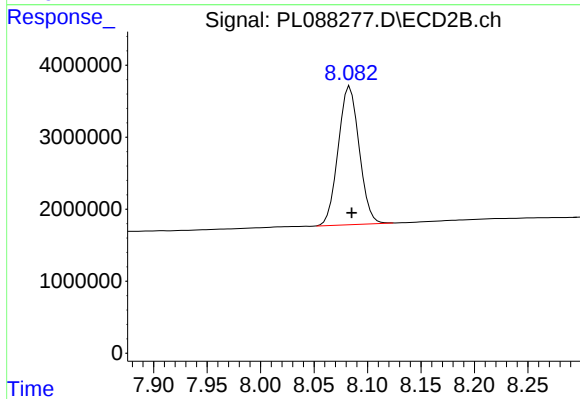
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.002 min
Response: 5375781
Conc: 3.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 47793004
Conc: 24.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.002 min
Response: 26320403
Conc: 20.67 ng/ml