

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121523\
 Data File : PL087173.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 22:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/17/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 04:05:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.429	2.683	67098319	29297249	17.829	17.405
28)	SA Decachlor...	8.991	7.877	66156128	31478169	19.401	18.638
Target Compounds							
2)	A alpha-BHC	3.886	3.189	46181064	20020347	8.530	8.146
3)	MA gamma-BHC...	4.221	3.520	45340880	20053957	8.627	8.279
6)	B beta-BHC	4.420	3.822	21611227	10223421	9.409	9.821
14)	MA Endrin	6.482	5.566	170.8E6	90956891	44.386	45.578
16)	A 4,4'-DDD	6.628	5.725	1352030	475002	0.409m	0.287m#
17)	MA 4,4'-DDT	6.945	5.980	378.6E6	189.7E6	100.681	102.838
18)	B Endrin al...	6.837	6.046	3917329	2829477	1.352	1.928m#
20)	A Methoxychlor	7.430	6.566	498.0E6	247.2E6	255.391	241.981
21)	B Endrin ke...	7.556	6.775	6987708	4463372	1.718m	2.097m

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

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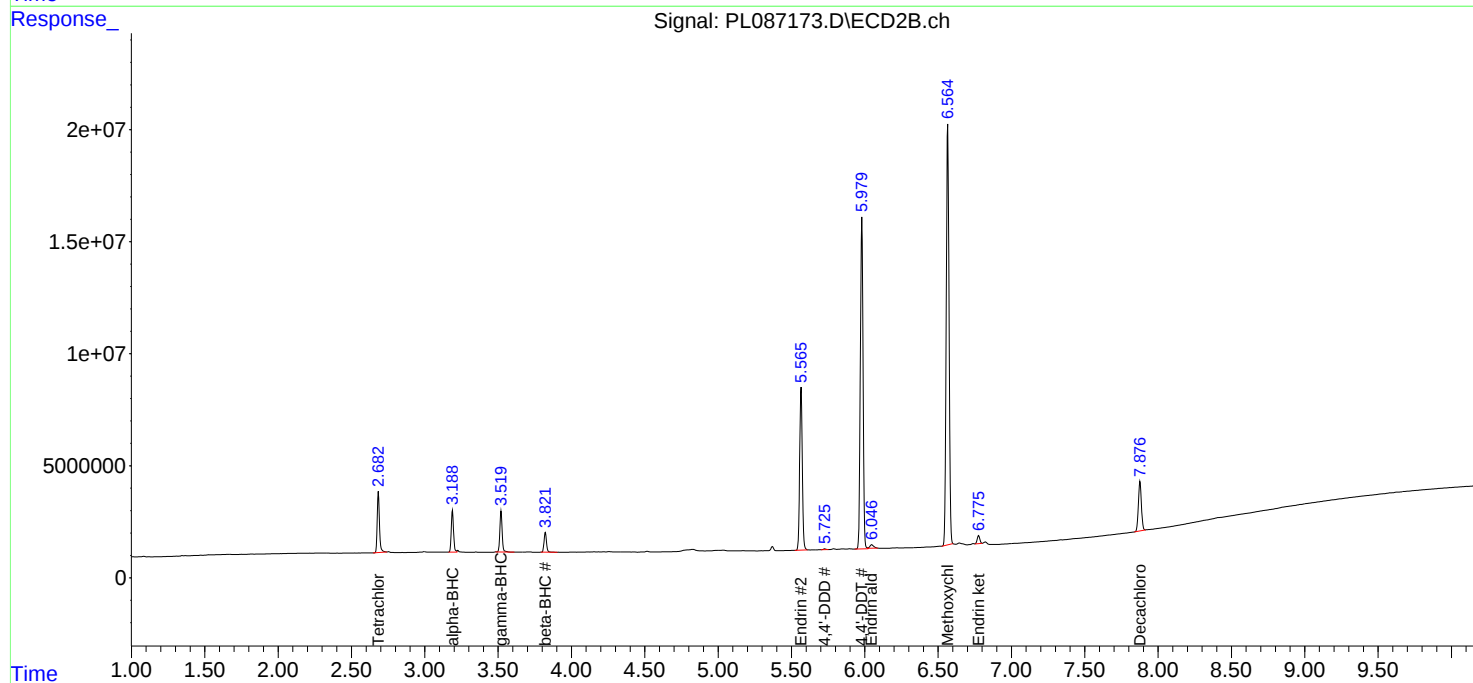
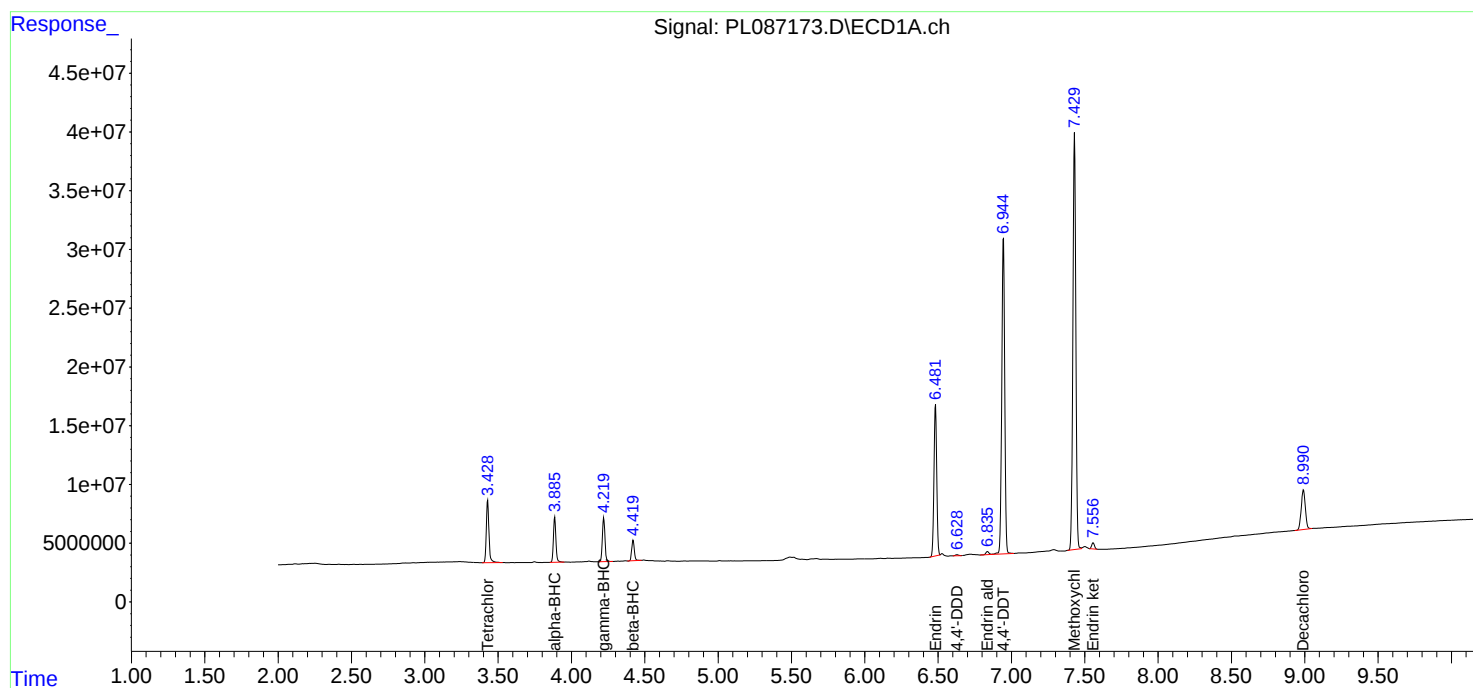
Instrument :
ECD_L
ClientSampleId :
PEM

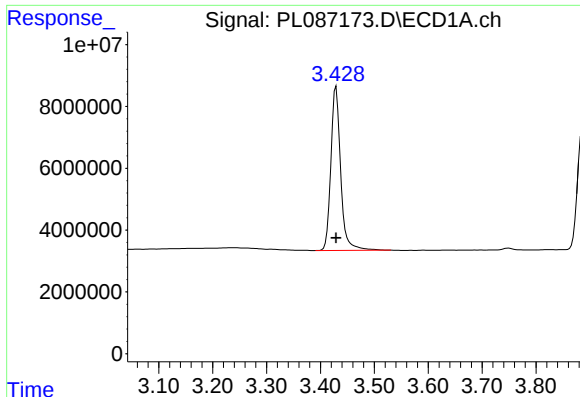
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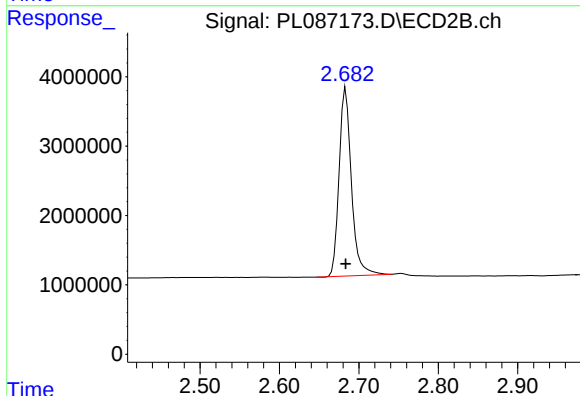
#1 Tetrachloro-m-xylene

R.T.: 3.429 min
Delta R.T.: 0.000 min
Response: 67098319
Conc: 17.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

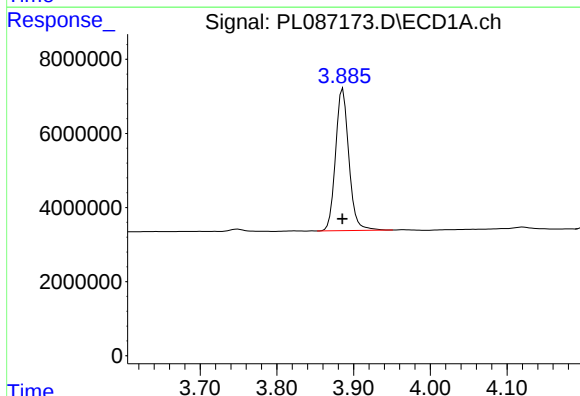
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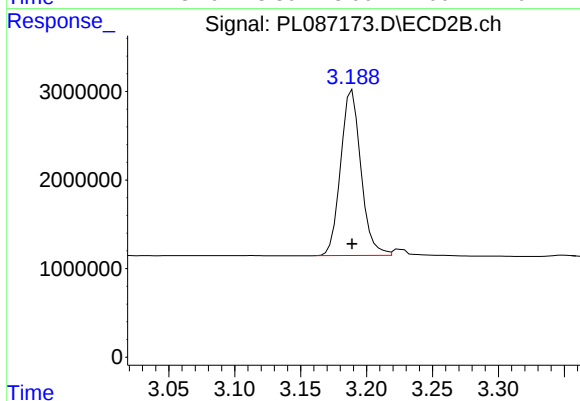
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: 0.000 min
Response: 29297249
Conc: 17.40 ng/ml



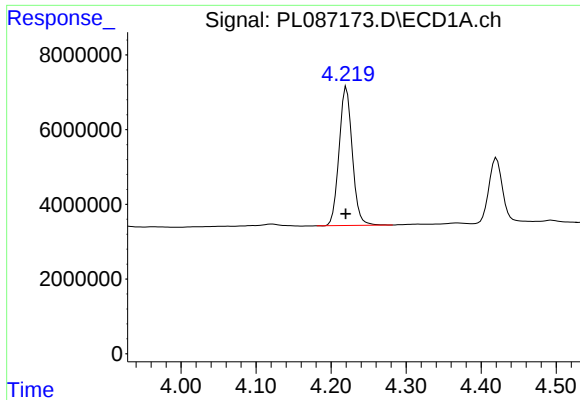
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 46181064
Conc: 8.53 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: 0.000 min
Response: 20020347
Conc: 8.15 ng/ml



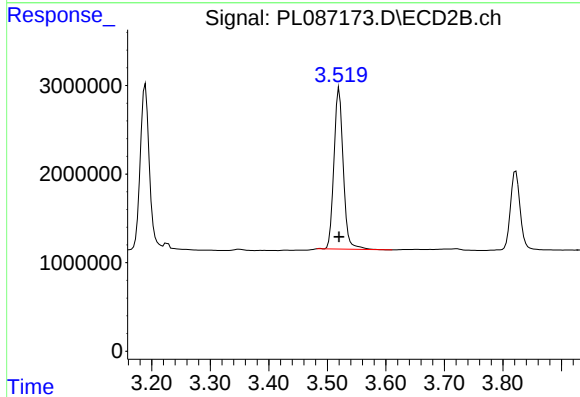
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 45340880
Conc: 8.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

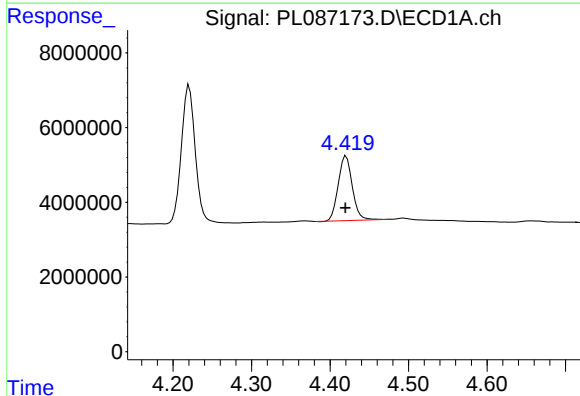
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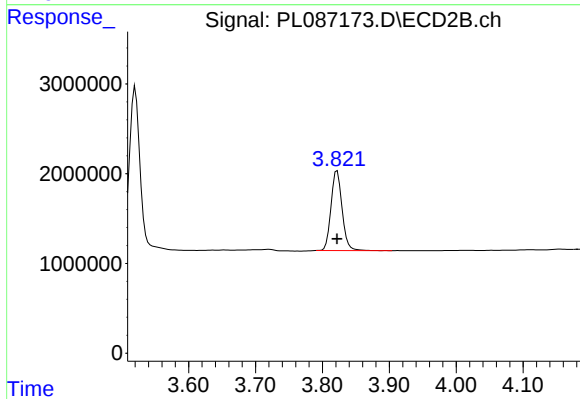
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 20053957
Conc: 8.28 ng/ml



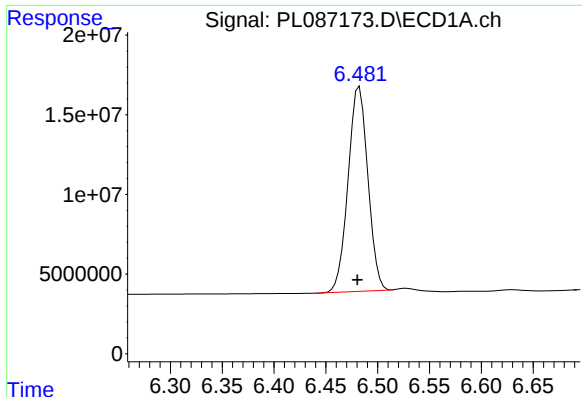
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 21611227
Conc: 9.41 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 10223421
Conc: 9.82 ng/ml



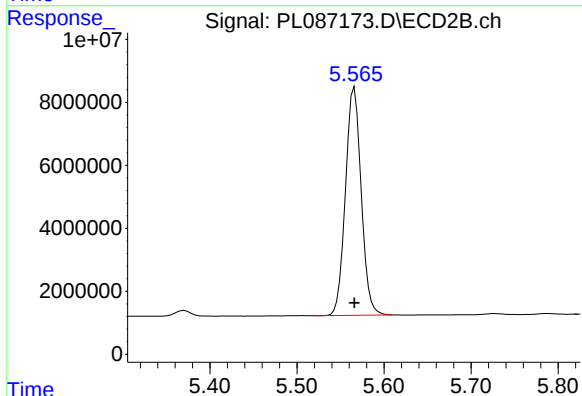
#14 Endrin

R.T.: 6.482 min
Delta R.T.: 0.002 min
Response: 170768693
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

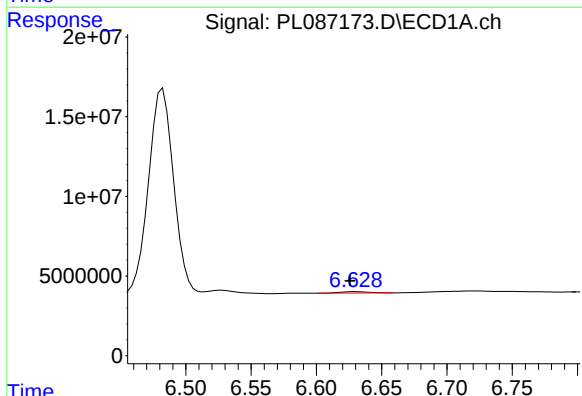
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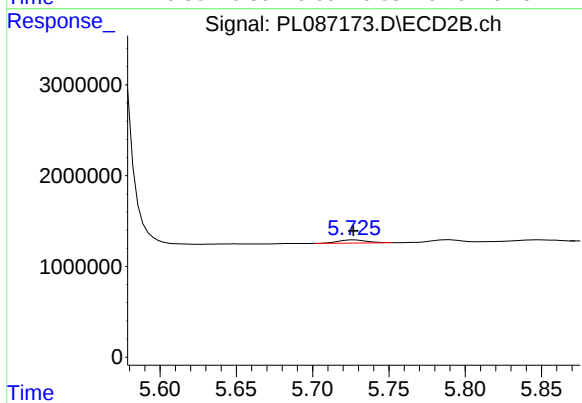
#14 Endrin

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 90956891
Conc: 45.58 ng/ml



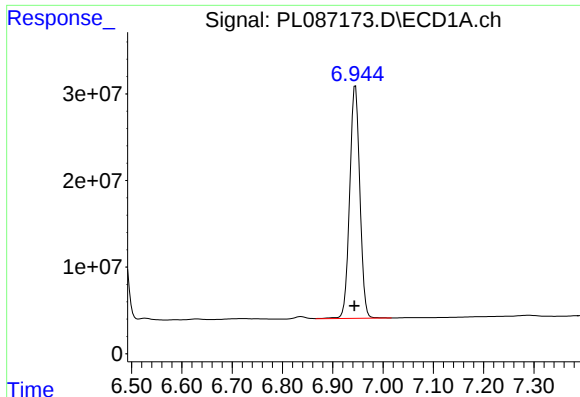
#16 4,4'-DDD

R.T.: 6.628 min
Delta R.T.: 0.002 min
Response: 1352030
Conc: 0.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: -0.001 min
Response: 475002
Conc: 0.29 ng/ml m



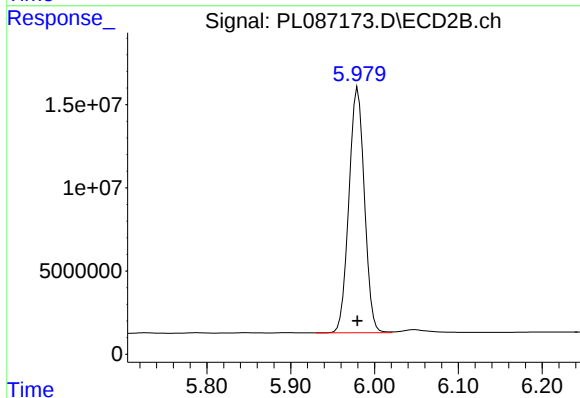
#17 4,4'-DDT

R.T.: 6.945 min
Delta R.T.: 0.002 min
Response: 378583777
Conc: 100.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

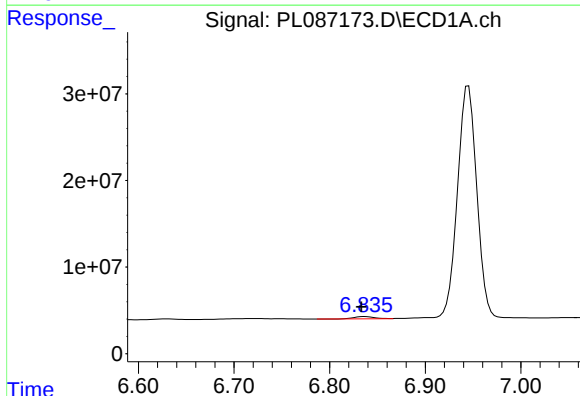
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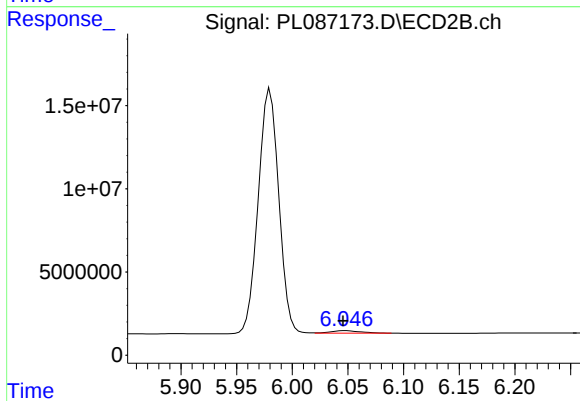
#17 4,4'-DDT

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 189667158
Conc: 102.84 ng/ml



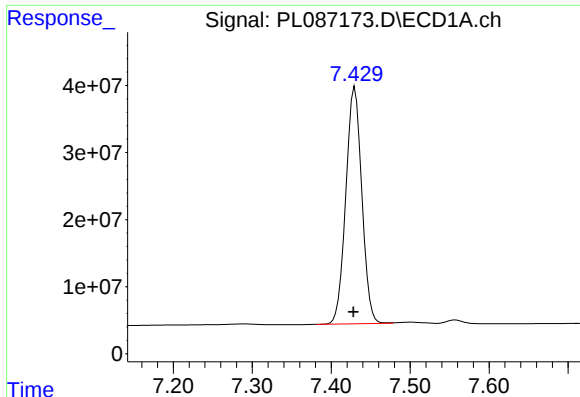
#18 Endrin aldehyde

R.T.: 6.837 min
Delta R.T.: 0.003 min
Response: 3917329
Conc: 1.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2829477
Conc: 1.93 ng/ml m



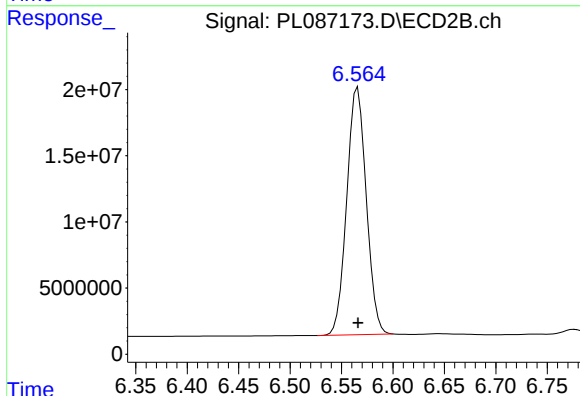
#20 Methoxychlor

R.T.: 7.430 min
Delta R.T.: 0.002 min
Response: 497992272
Conc: 255.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

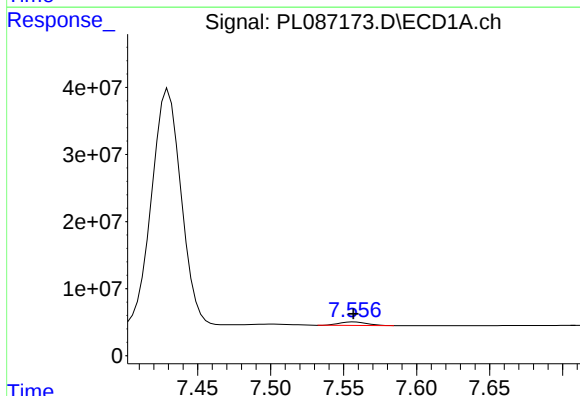
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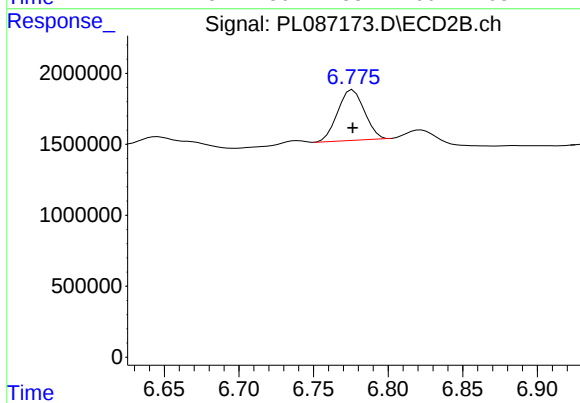
#20 Methoxychlor

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 247157323
Conc: 241.98 ng/ml



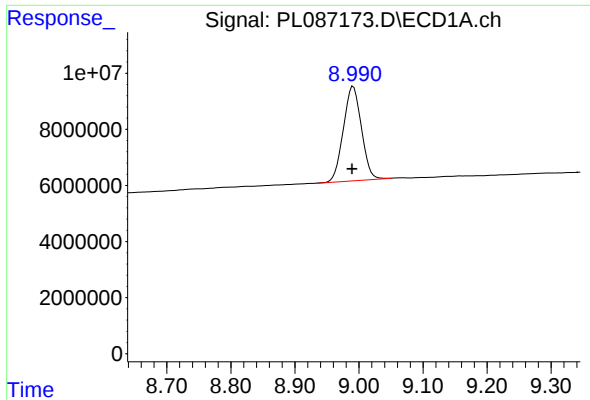
#21 Endrin ketone

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 6987708
Conc: 1.72 ng/ml m



#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 4463372
Conc: 2.10 ng/ml m



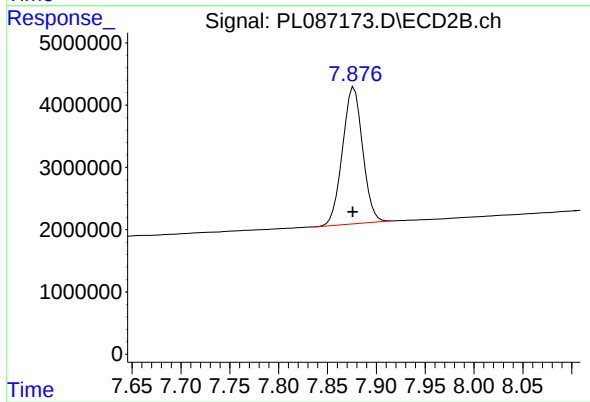
#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.002 min
Response: 66156128
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.877 min
Delta R.T.: 0.001 min
Response: 31478169
Conc: 18.64 ng/ml