

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101023\
 Data File : PL085808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 11:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:36:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	55886344	16608976	18.791	17.780
28)	SA Decachlor...	8.859	7.775	45426014	19716703	20.856	21.362
Target Compounds							
2)	A alpha-BHC	3.810	3.120	38608069	10345905	8.996	8.223
3)	MA gamma-BHC...	4.142	3.448	36720231	10214589	8.884	8.282
6)	B beta-BHC	4.345	3.750	17524778	5455849	10.598	10.480
12)	B 4,4'-DDE	6.019	5.082	1574875	211746	0.563m	0.258 #
14)	MA Endrin	6.389	5.474	126.9E6	42830218	44.530	47.642
16)	A 4,4'-DDD	6.545	5.642	993382	173765	0.493	0.250 #
17)	MA 4,4'-DDT	6.854	5.888	232.5E6	87458141	98.636	110.601
18)	B Endrin al...	6.744	5.953	2910200	2163143	1.436	2.901m#
20)	A Methoxychlor	7.339	6.473	308.1E6	123.1E6	220.580	234.027
21)	B Endrin ke...	7.459	6.679	5350872	2452835	1.858m	2.134

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

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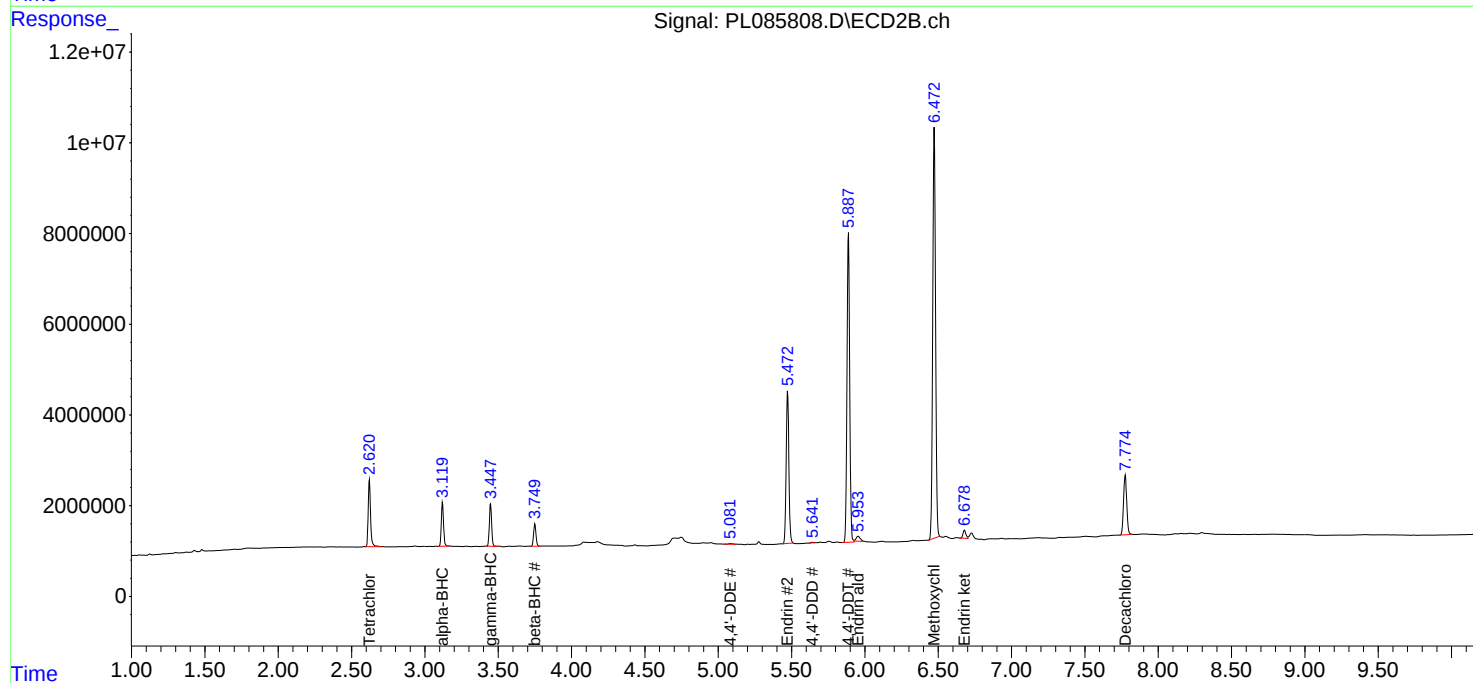
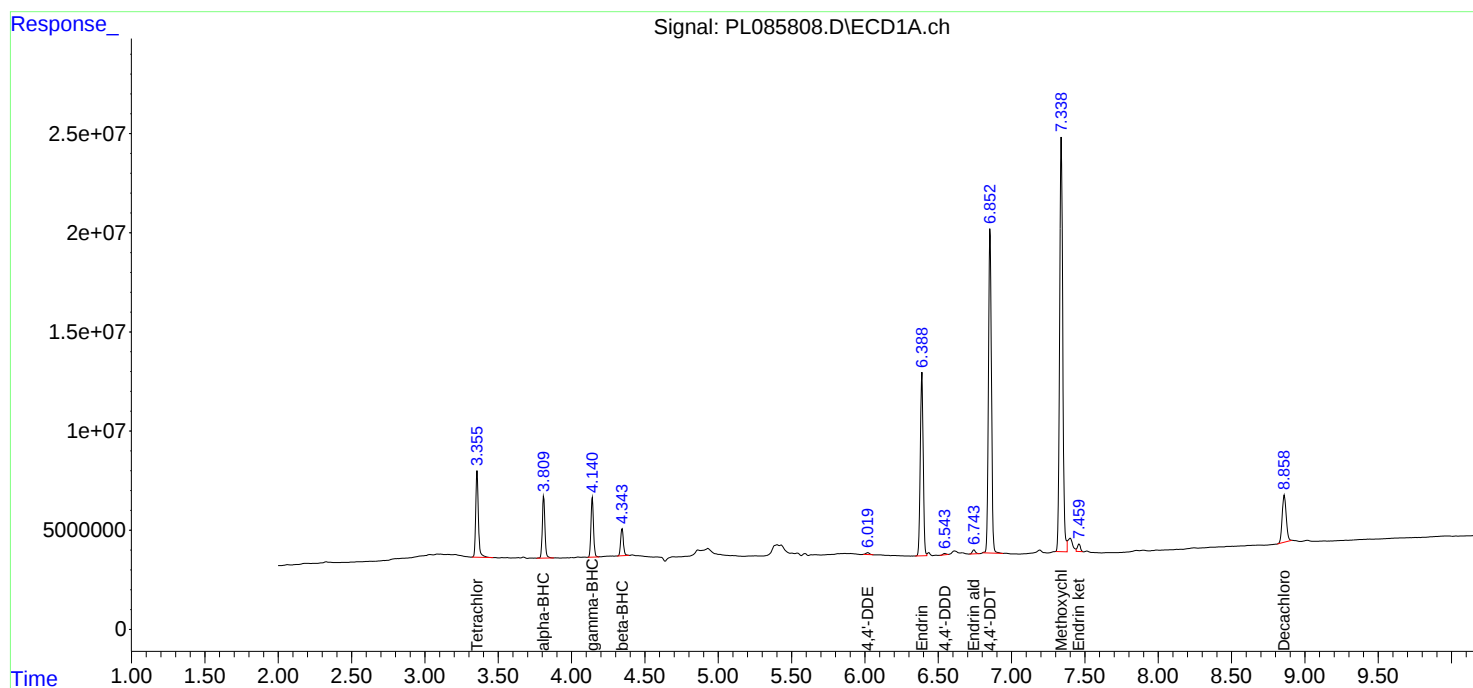
Instrument :
ECD_L
ClientSampleId :
PEM

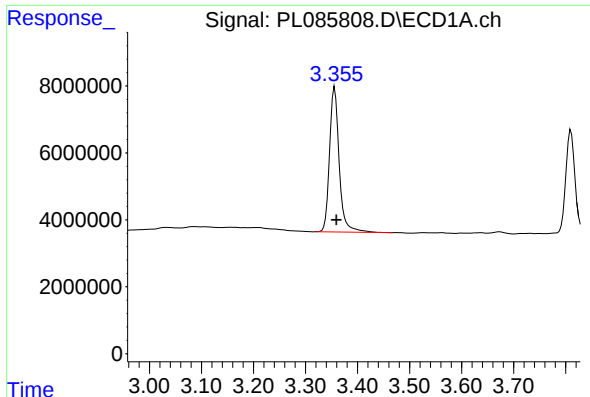
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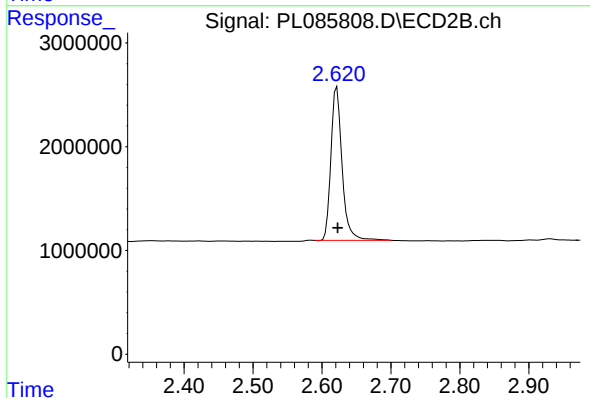
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 55886344
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

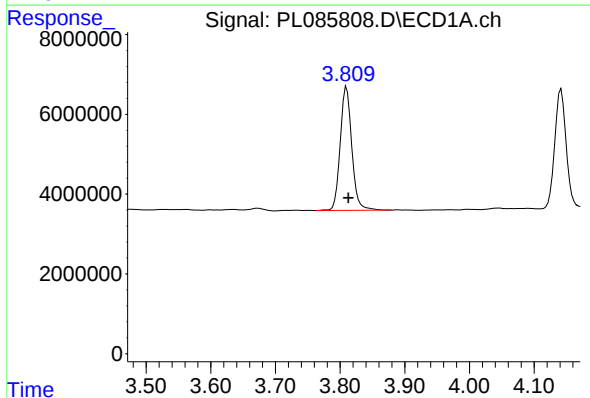
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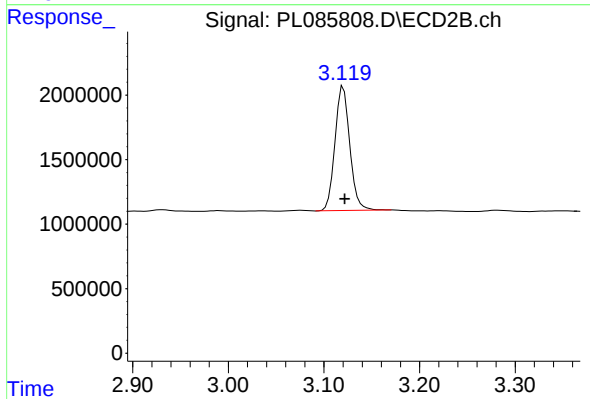
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 16608976
Conc: 17.78 ng/ml



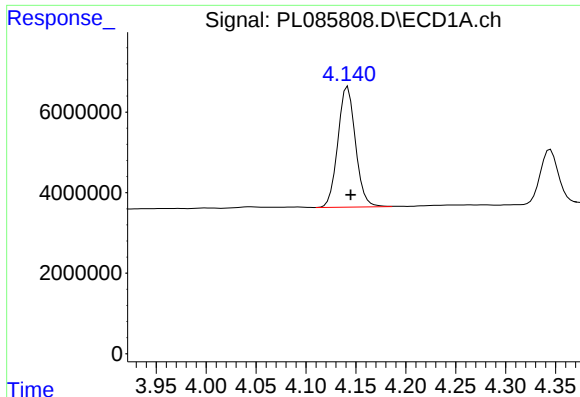
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 38608069
Conc: 9.00 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 10345905
Conc: 8.22 ng/ml



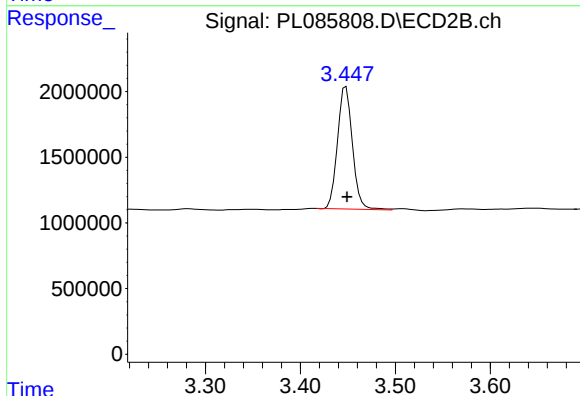
#3 gamma-BHC (Lindane)

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 36720231
Conc: 8.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

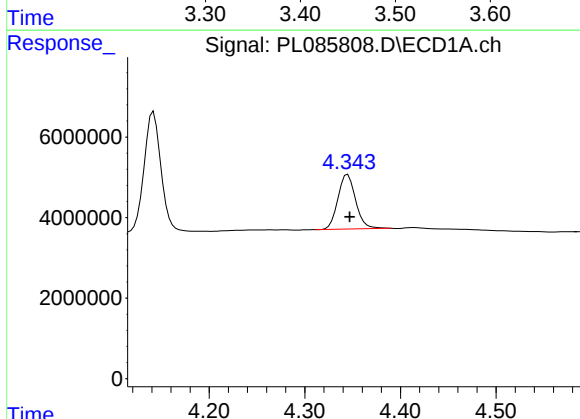
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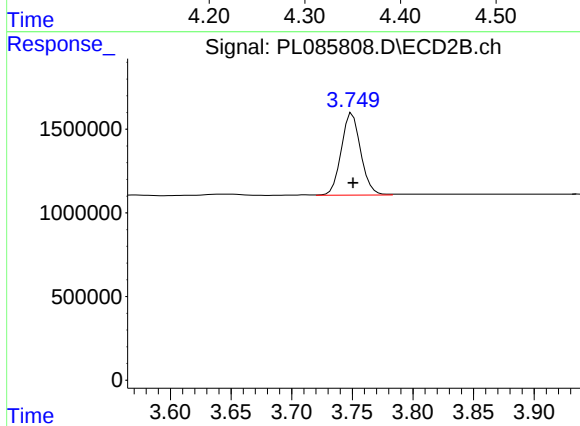
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 10214589
Conc: 8.28 ng/ml



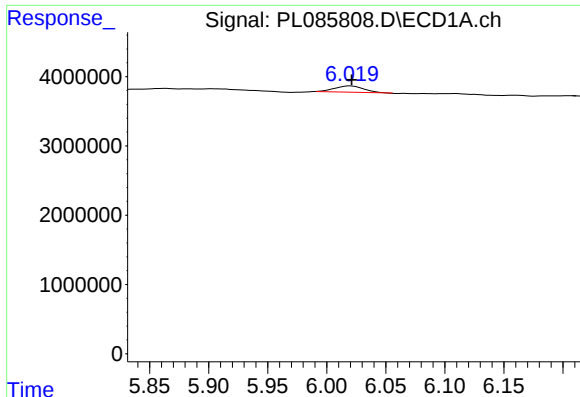
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 17524778
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 5455849
Conc: 10.48 ng/ml



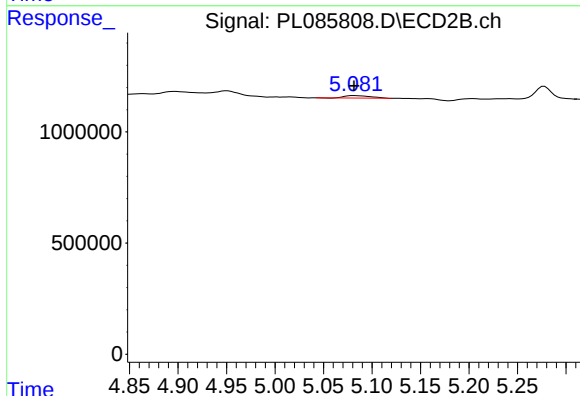
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 1574875
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

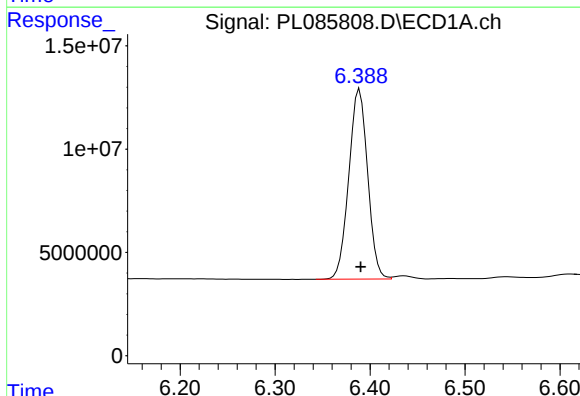
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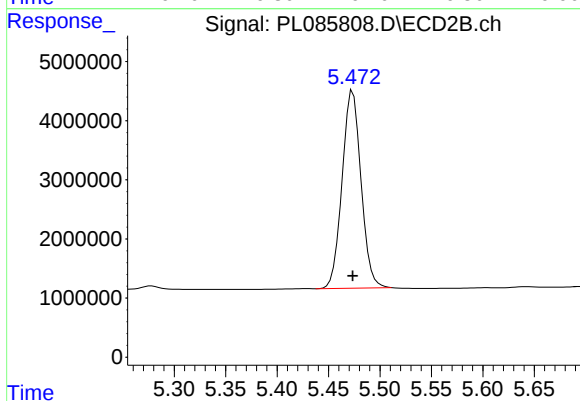
#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 211746
Conc: 0.26 ng/ml



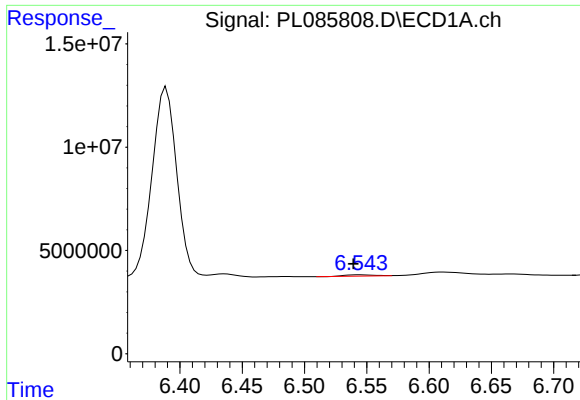
#14 Endrin

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 126900536
Conc: 44.53 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 42830218
Conc: 47.64 ng/ml



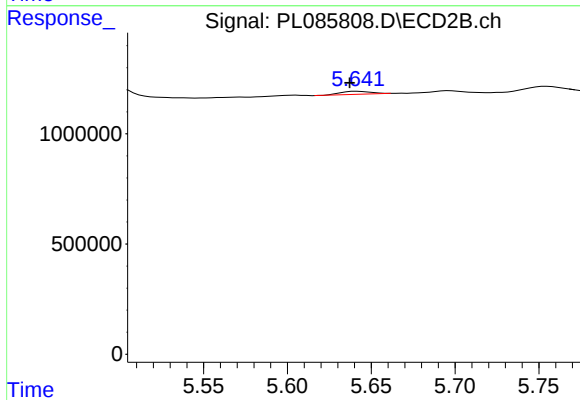
#16 4,4'-DDD

R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 993382
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

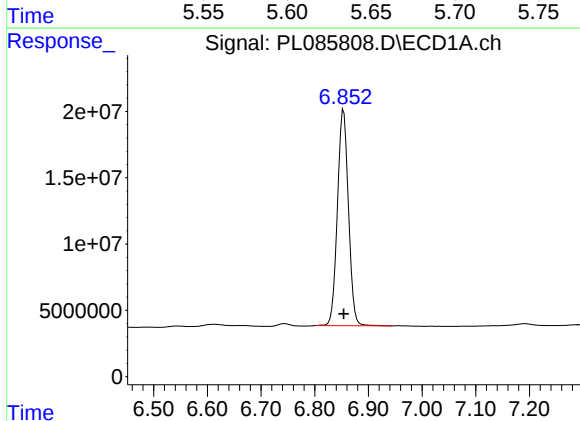
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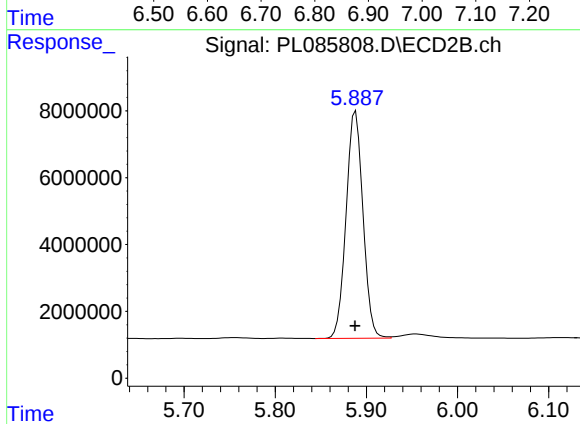
#16 4,4'-DDD

R.T.: 5.642 min
Delta R.T.: 0.005 min
Response: 173765
Conc: 0.25 ng/ml



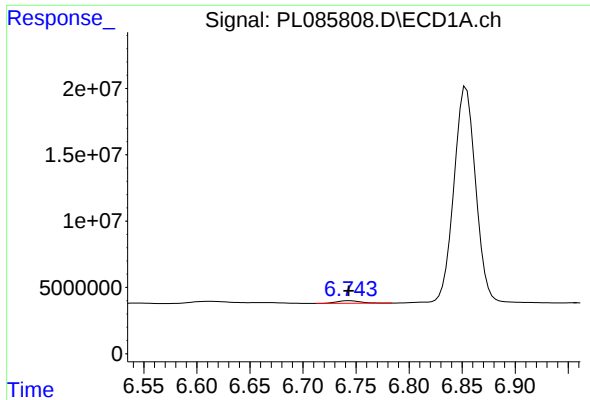
#17 4,4'-DDT

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 232494446
Conc: 98.64 ng/ml



#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 87458141
Conc: 110.60 ng/ml



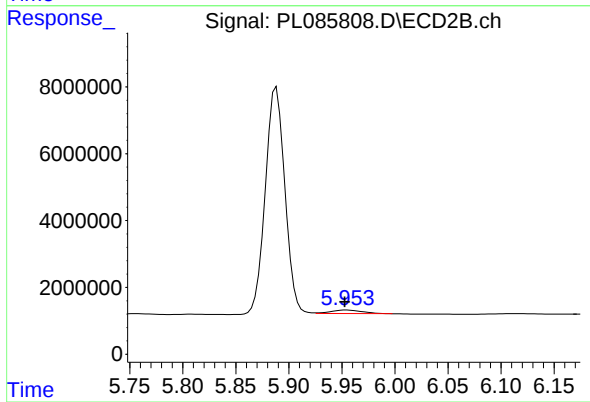
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 2910200
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

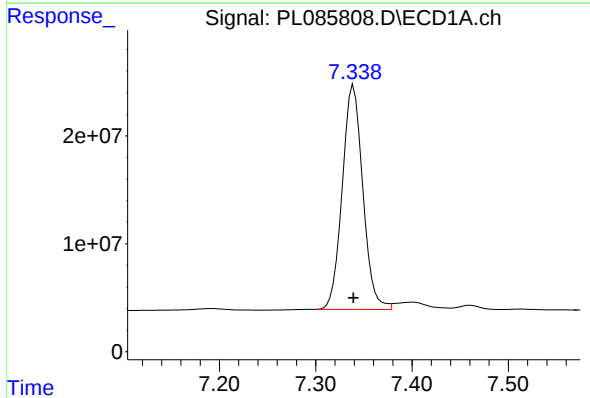
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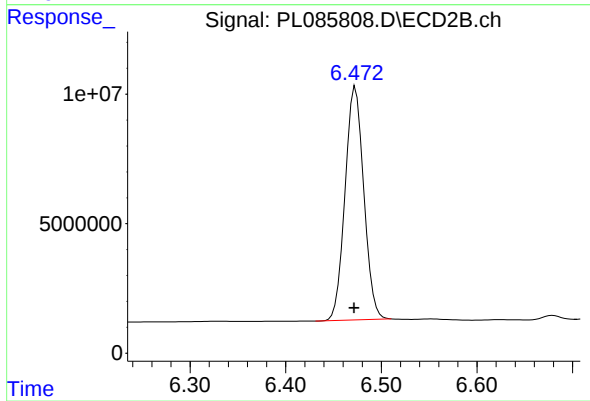
#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 2163143
Conc: 2.90 ng/ml m



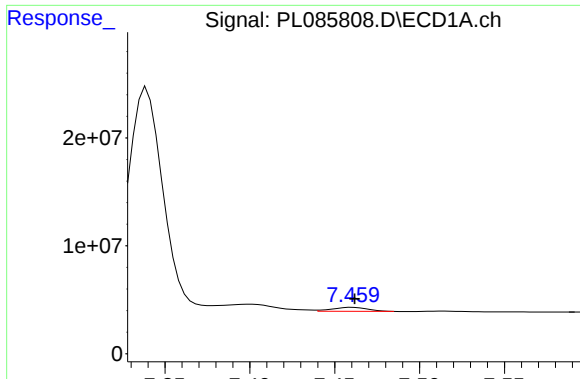
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 308066402
Conc: 220.58 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 123115983
Conc: 234.03 ng/ml



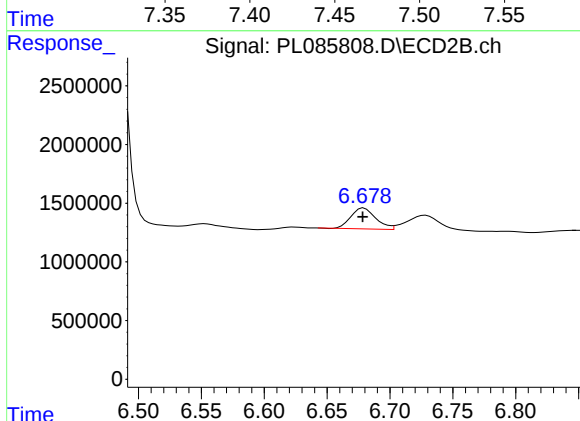
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 5350872
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

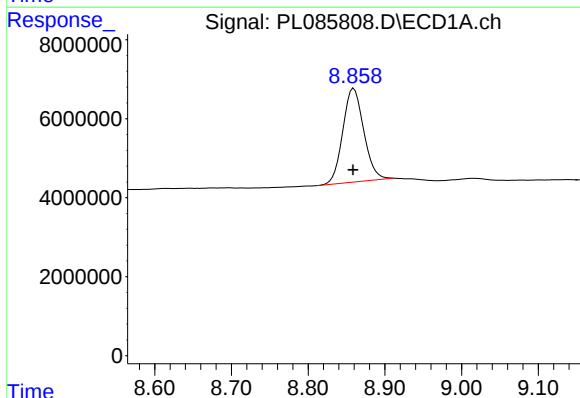
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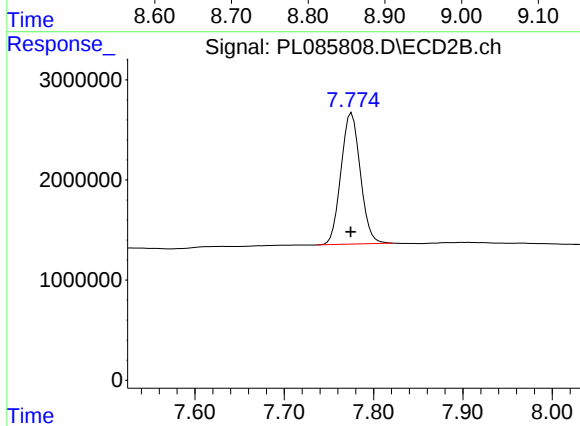
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2452835
Conc: 2.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 45426014
Conc: 20.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 19716703
Conc: 21.36 ng/ml