

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102222\
 Data File : PL078455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 10:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/24/2022
 Supervised By : Ankita Jodhani 10/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:48:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.324	2.573	36824119	49964154	19.310	19.569
28)	SA Decachlor...	8.777	7.645	30344814	37376316	20.171	19.733
Target Compounds							
2)	A alpha-BHC	3.784	3.061	25260287	37530804	8.797	9.504
3)	MA gamma-BHC...	4.117	3.382	24867053	34183980	9.307	9.511
6)	B beta-BHC	4.332	3.681	11656486	16373395	10.119	11.411
12)	B 4,4'-DDE	5.976	4.992	833634	314988	0.417	0.116m#
14)	MA Endrin	6.354	5.373	86312056	113.5E6	45.480	43.555
16)	A 4,4'-DDD	6.501	5.534	3758073	4942116	2.254	2.250
17)	MA 4,4'-DDT	6.811	5.781	174.1E6	205.9E6	97.110	94.911
18)	B Endrin al...	6.714	5.848	2631849	4644935	1.809	2.475m#
20)	A Methoxychlor	7.295	6.357	227.0E6	249.5E6	246.455	219.880
21)	B Endrin ke...	7.432	6.567	5760944	9440420	3.062m	3.652

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

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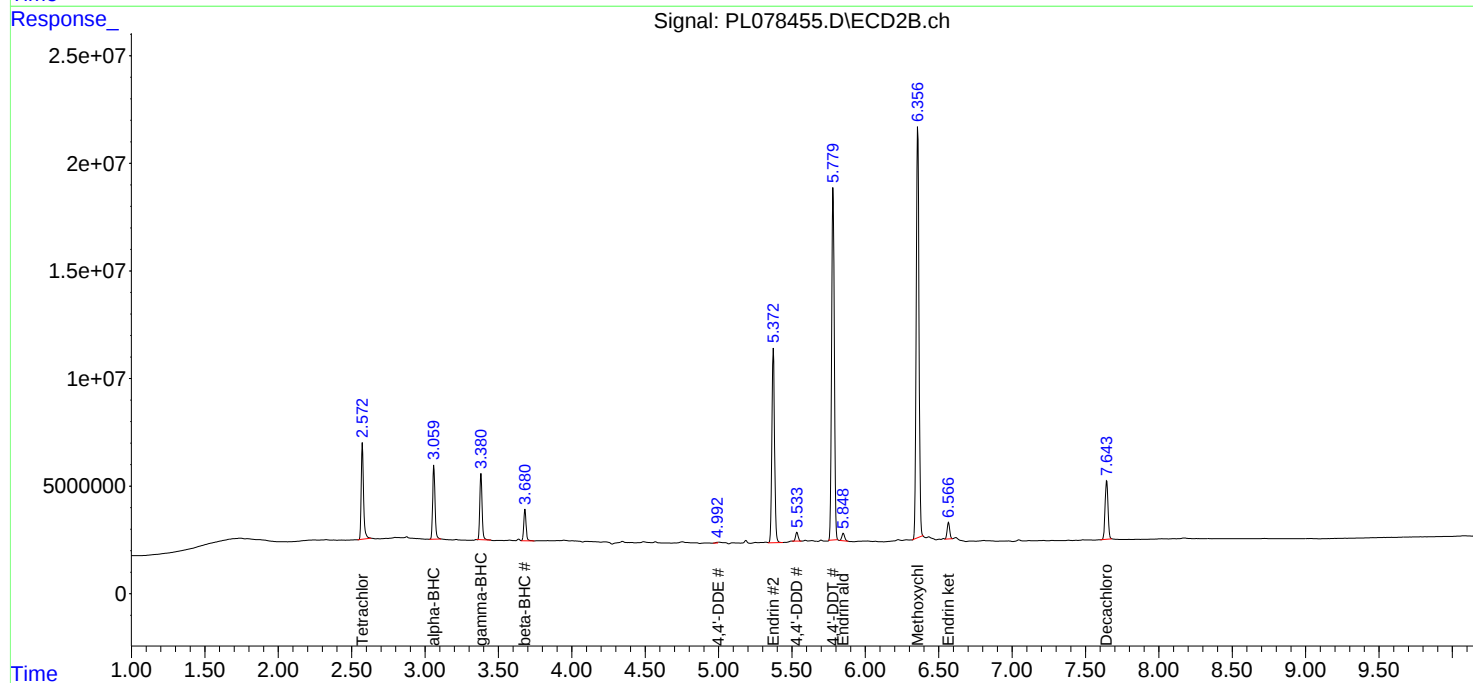
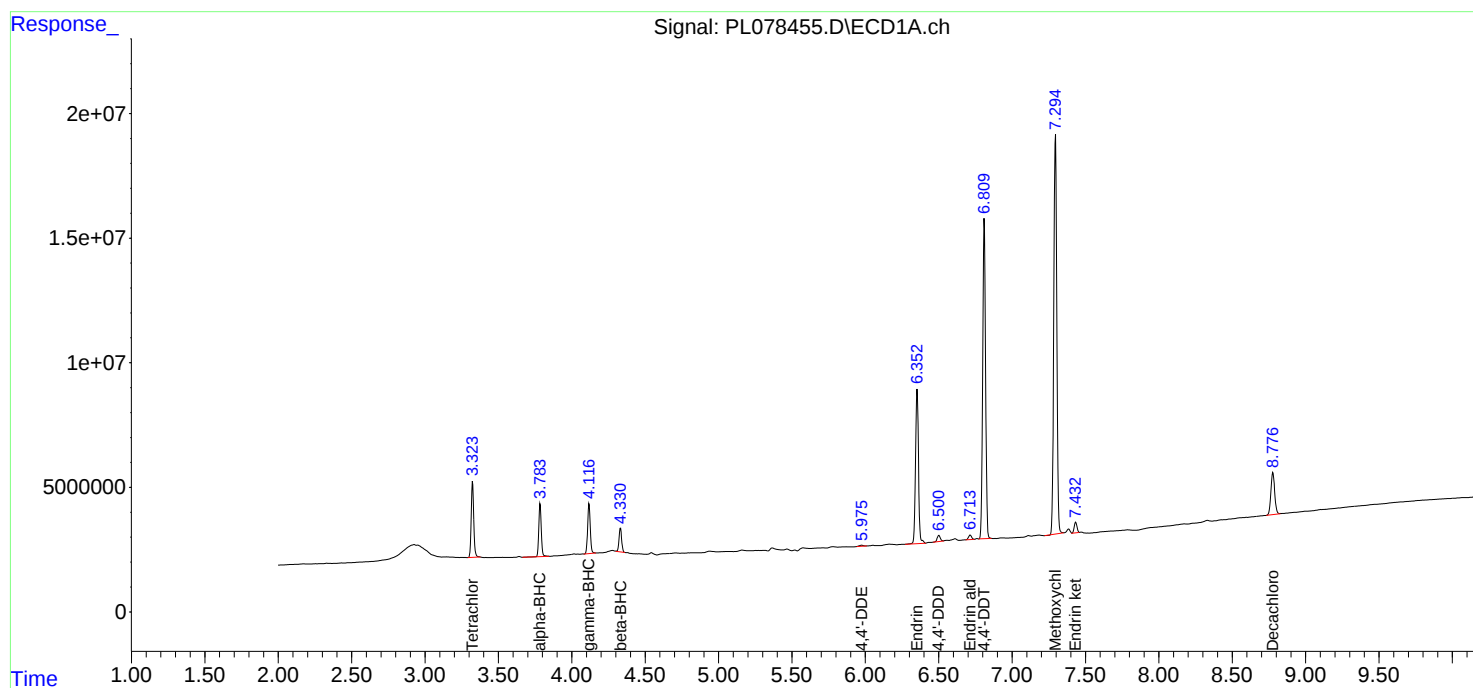
Instrument :
ECD_L
ClientSampleId :
PEM

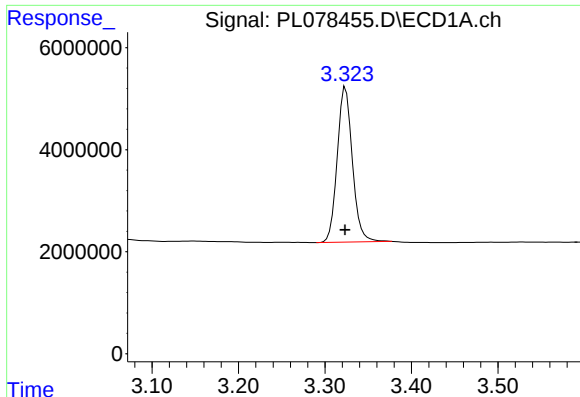
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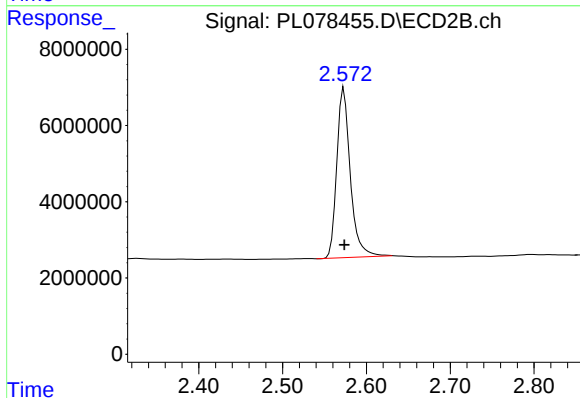
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 36824119
Conc: 19.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

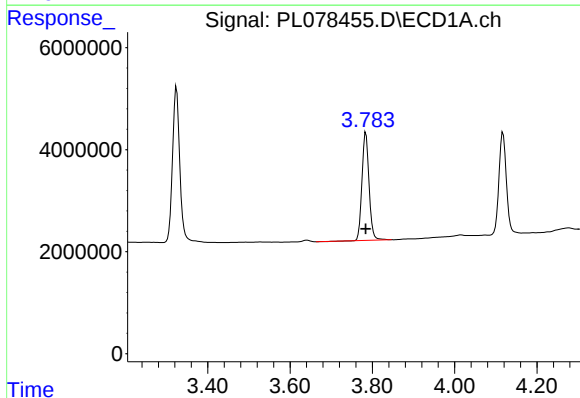
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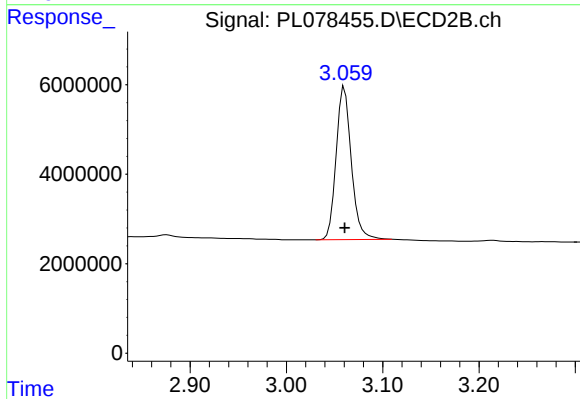
#1 Tetrachloro-m-xylene

R.T.: 2.573 min
Delta R.T.: 0.000 min
Response: 49964154
Conc: 19.57 ng/ml



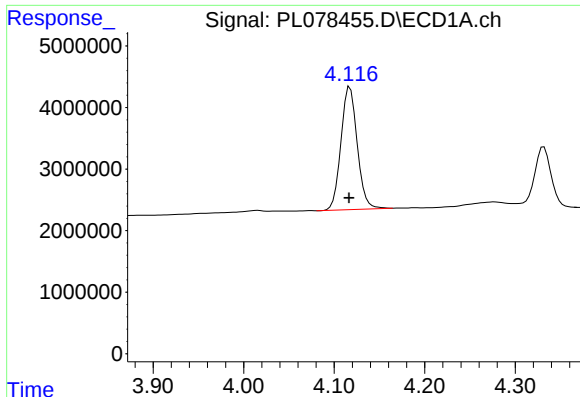
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 25260287
Conc: 8.80 ng/ml



#2 alpha-BHC

R.T.: 3.061 min
Delta R.T.: 0.000 min
Response: 37530804
Conc: 9.50 ng/ml



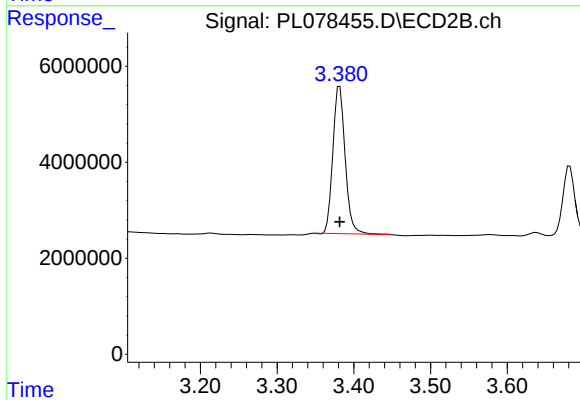
#3 gamma-BHC (Lindane)

R.T.: 4.117 min
Delta R.T.: 0.001 min
Response: 24867053
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

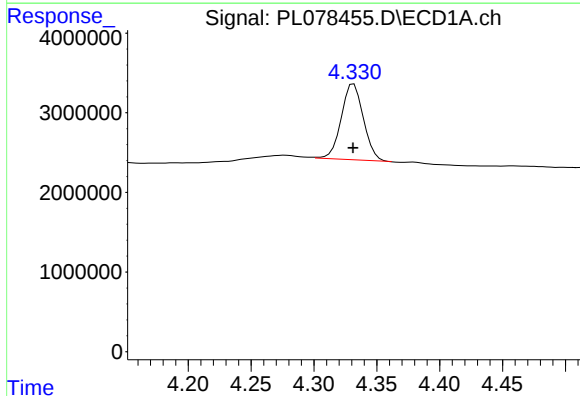
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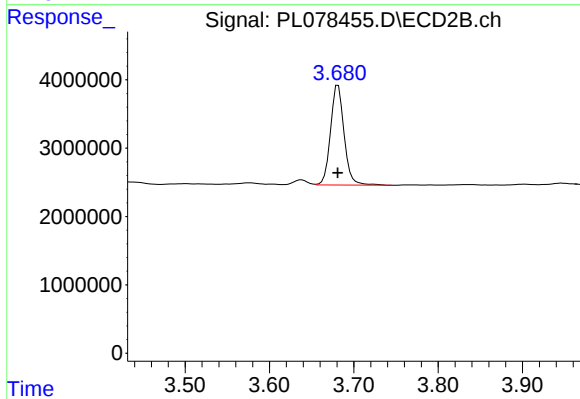
#3 gamma-BHC (Lindane)

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 34183980
Conc: 9.51 ng/ml



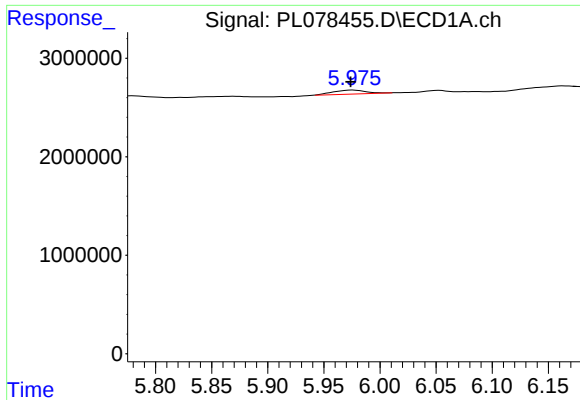
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 11656486
Conc: 10.12 ng/ml



#6 beta-BHC

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 16373395
Conc: 11.41 ng/ml



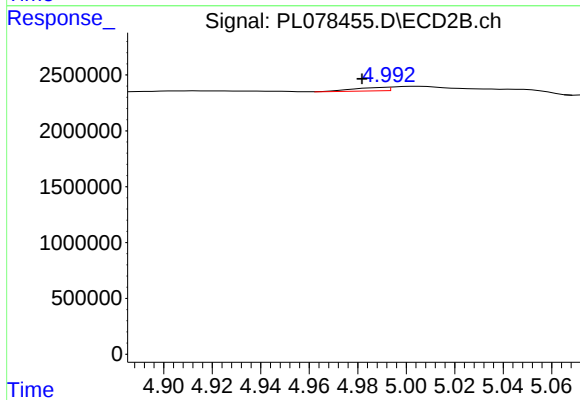
#12 4,4'-DDE

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 833634
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

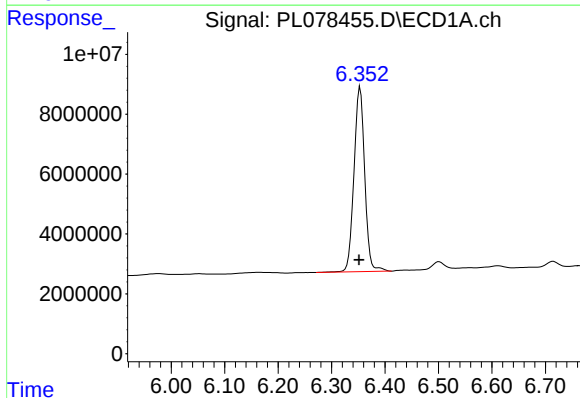
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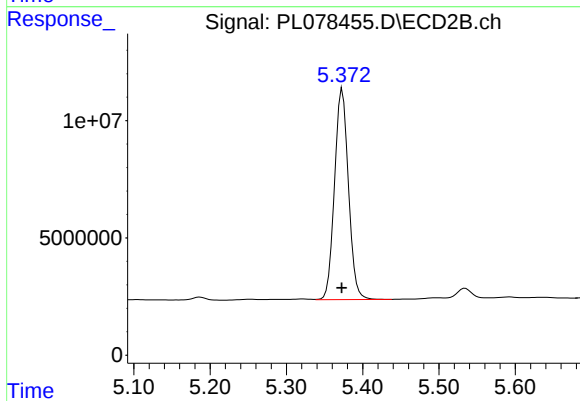
#12 4,4'-DDE

R.T.: 4.992 min
Delta R.T.: 0.010 min
Response: 314988
Conc: 0.12 ng/ml m



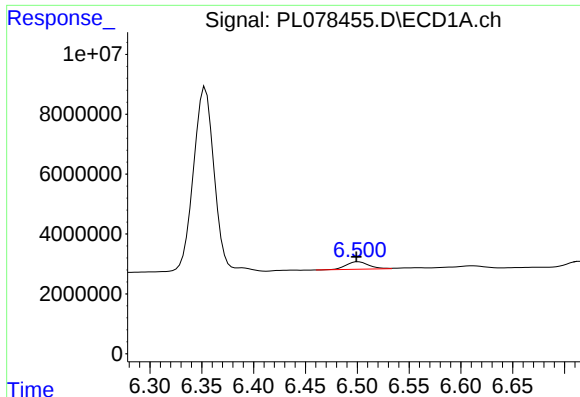
#14 Endrin

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 86312056
Conc: 45.48 ng/ml



#14 Endrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 113471924
Conc: 43.56 ng/ml



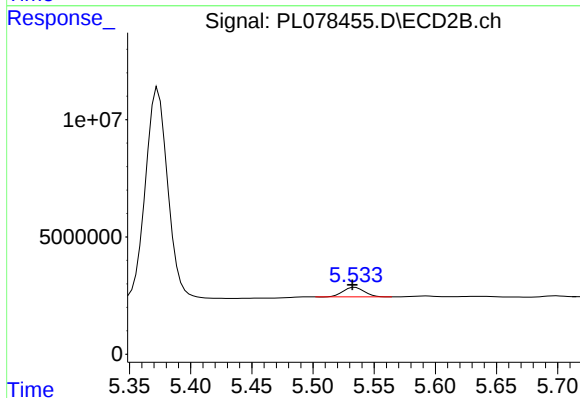
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 3758073
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

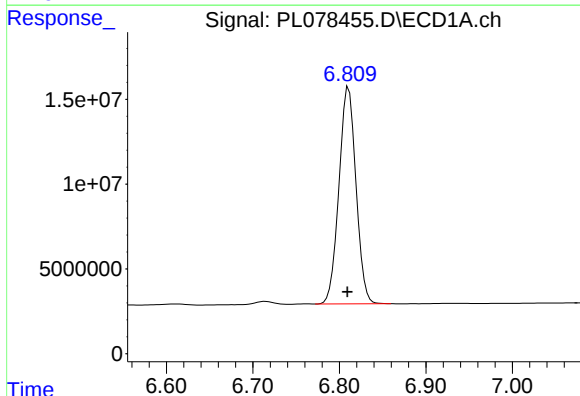
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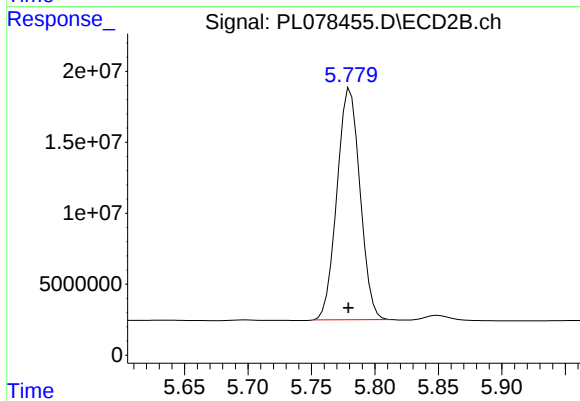
#16 4,4'-DDD

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 4942116
Conc: 2.25 ng/ml



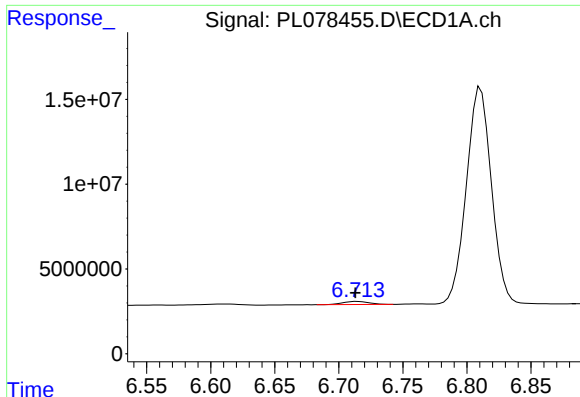
#17 4,4'-DDT

R.T.: 6.811 min
Delta R.T.: 0.001 min
Response: 174053071
Conc: 97.11 ng/ml



#17 4,4'-DDT

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 205873480
Conc: 94.91 ng/ml



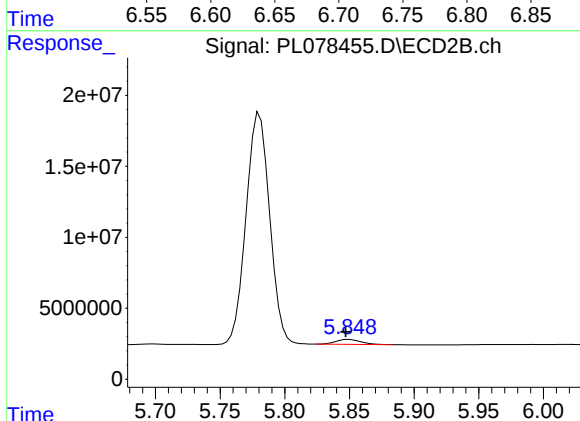
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.002 min
Response: 2631849
Conc: 1.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

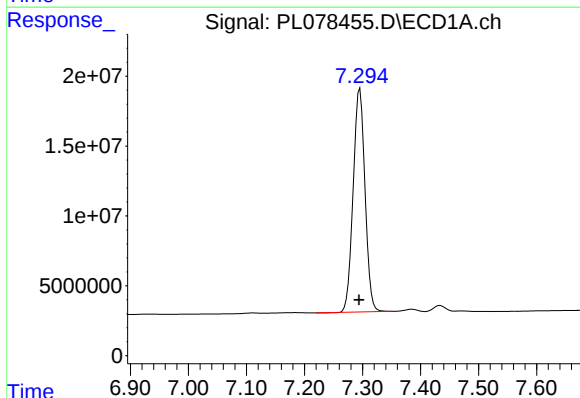
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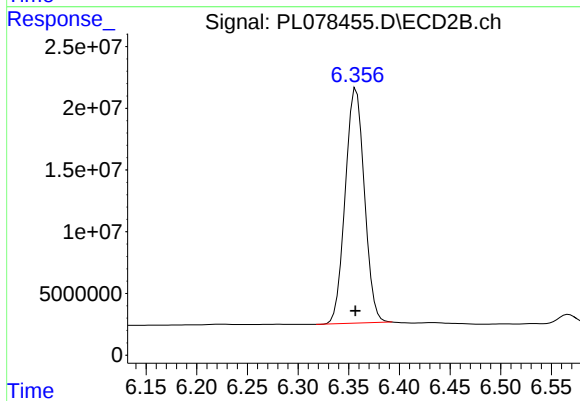
#18 Endrin aldehyde

R.T.: 5.848 min
Delta R.T.: 0.001 min
Response: 4644935
Conc: 2.47 ng/ml m



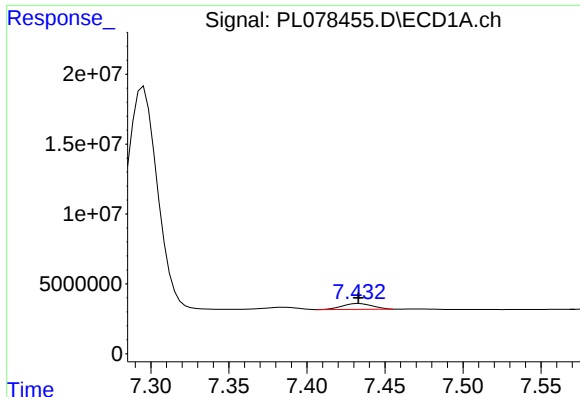
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.001 min
Response: 226957254
Conc: 246.45 ng/ml



#20 Methoxychlor

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 249519127
Conc: 219.88 ng/ml



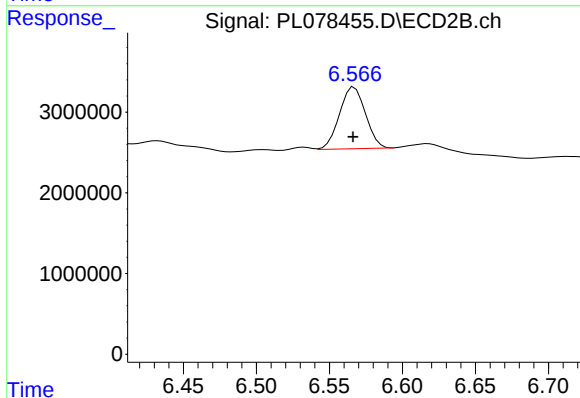
#21 Endrin ketone

R.T.: 7.432 min
Delta R.T.: -0.001 min
Response: 5760944
Conc: 3.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

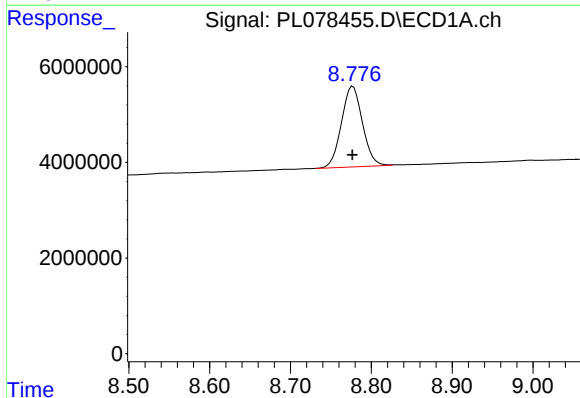
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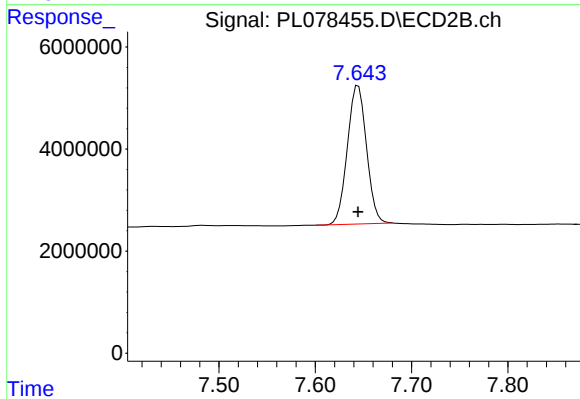
#21 Endrin ketone

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 9440420
Conc: 3.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 30344814
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 37376316
Conc: 19.73 ng/ml