

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083122\
 Data File : PL077412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2022 15:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/01/2022
 Supervised By : Ankita Jodhani 09/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 17:01:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.418	2.632	29133671	60995759	21.411	19.847
28)	SA Decachlor...	8.912	7.736	24983153	51943700	21.319	18.616
Target Compounds							
2)	A alpha-BHC	3.883	3.125	19723324	45018635	10.647	10.310
3)	MA gamma-BHC...	4.219	3.449	19485109	41466426	11.131	10.615
6)	B beta-BHC	4.431	3.749	9003900	17399107	12.116	10.550
12)	B 4,4'-DDE	6.070	5.070	150251	510147	0.116m	0.158m#
14)	MA Endrin	6.465	5.458	67947460	141.8E6	57.595	51.862
16)	A 4,4'-DDD	6.604	5.614	550057	1568076	0.539m	0.586m
17)	MA 4,4'-DDT	6.917	5.865	123.0E6	267.2E6	110.134	101.436
18)	B Endrin al...	6.824	5.933	1775970	3702793	1.946	1.770m
20)	A Methoxychlor	7.398	6.442	164.2E6	336.6E6	272.577	238.594
21)	B Endrin ke...	7.545	6.656	2826828	4959220	2.317	1.721m#

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

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ALS Vial : 3 Sample Multiplier: 1

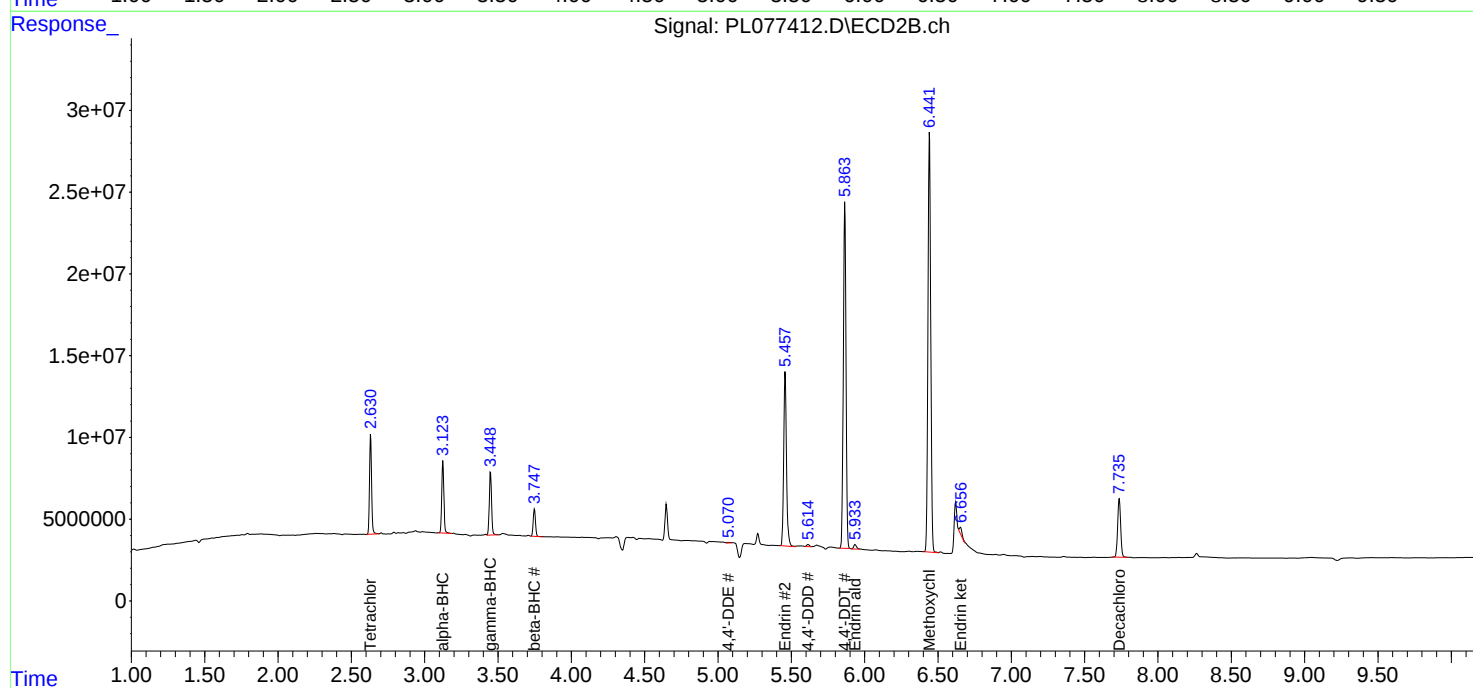
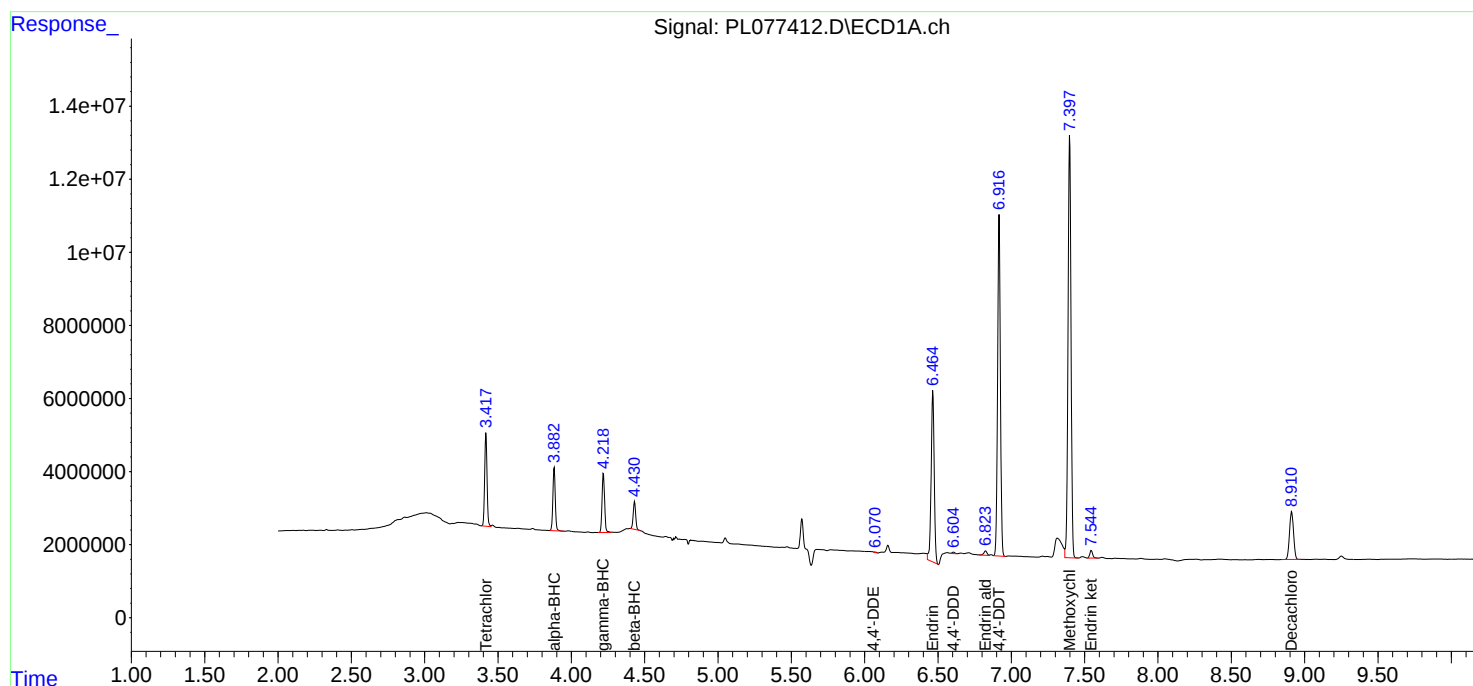
Instrument :
ECD_L
ClientSampleId :
PEM

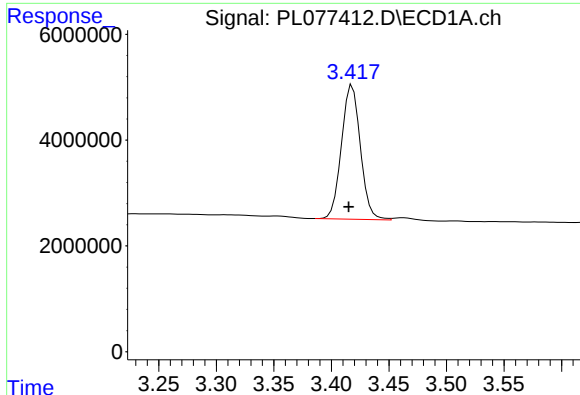
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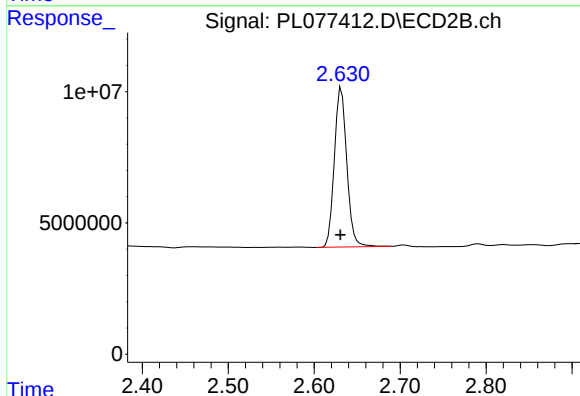
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.003 min
Response: 29133671
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

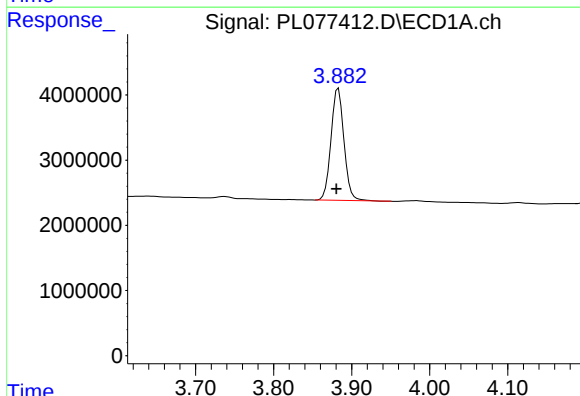
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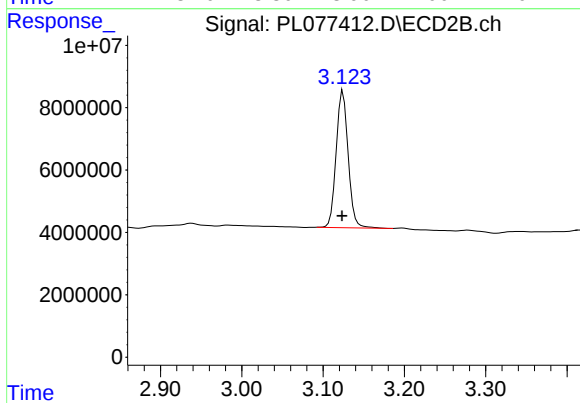
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: 0.001 min
Response: 60995759
Conc: 19.85 ng/ml



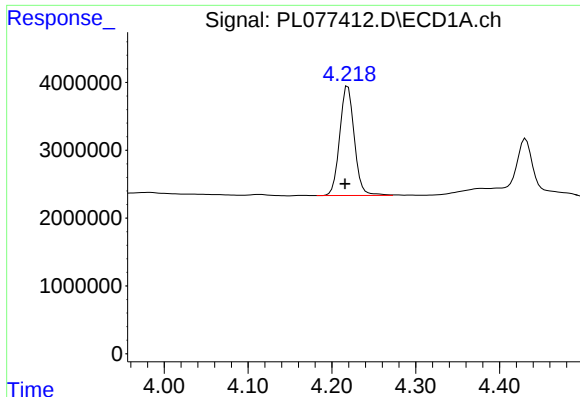
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.003 min
Response: 19723324
Conc: 10.65 ng/ml



#2 alpha-BHC

R.T.: 3.125 min
Delta R.T.: 0.001 min
Response: 45018635
Conc: 10.31 ng/ml



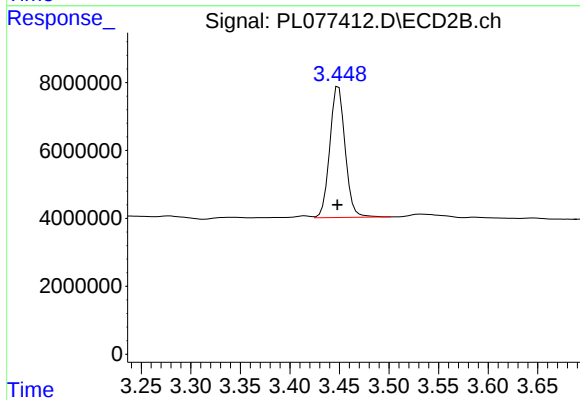
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.003 min
Response: 19485109
Conc: 11.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

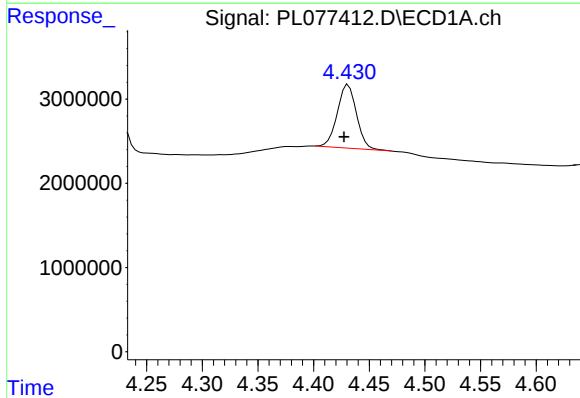
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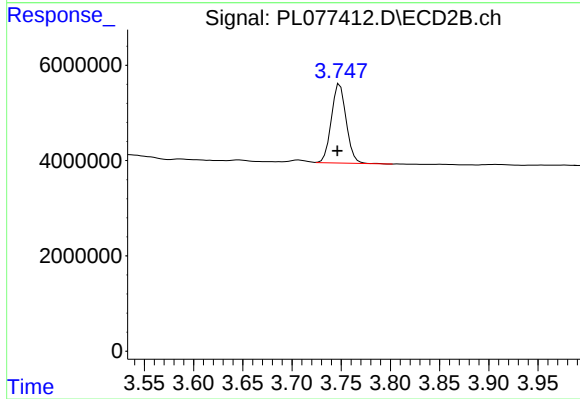
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.001 min
Response: 41466426
Conc: 10.61 ng/ml



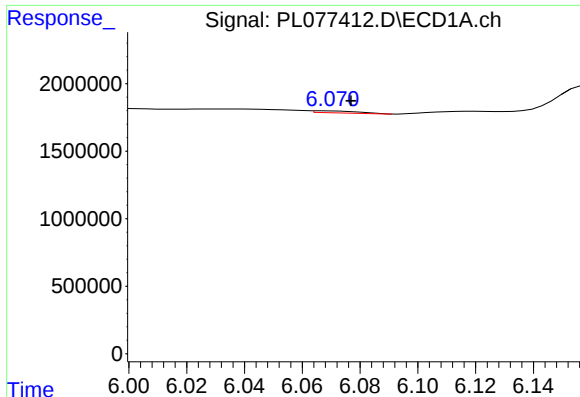
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.004 min
Response: 9003900
Conc: 12.12 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: 0.002 min
Response: 17399107
Conc: 10.55 ng/ml



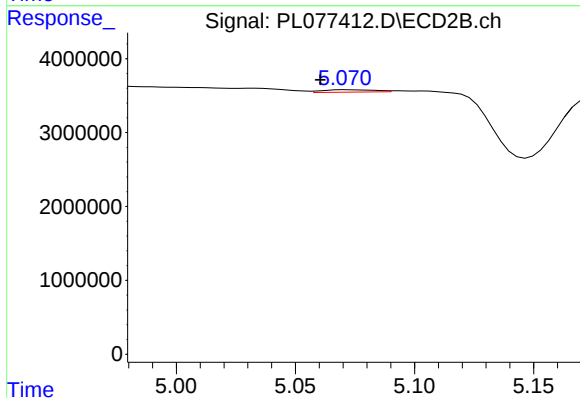
#12 4,4'-DDE

R.T.: 6.070 min
Delta R.T.: -0.007 min
Response: 150251
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

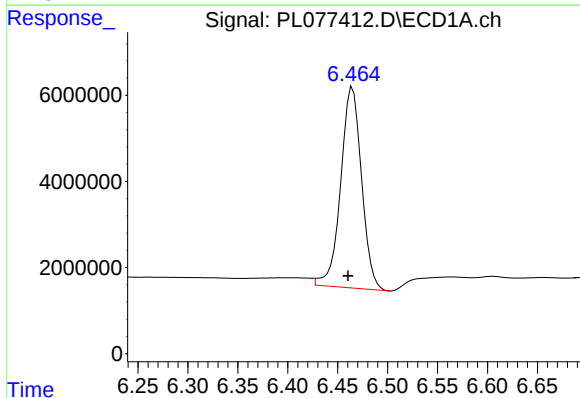
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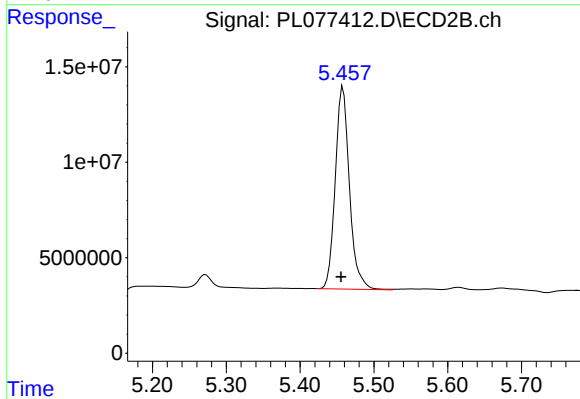
#12 4,4'-DDE

R.T.: 5.070 min
Delta R.T.: 0.009 min
Response: 510147
Conc: 0.16 ng/ml m



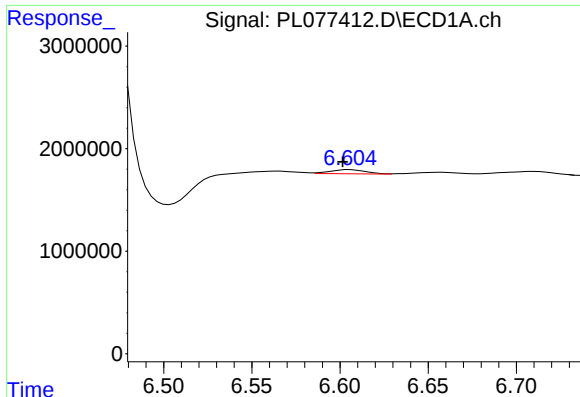
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.004 min
Response: 67947460
Conc: 57.59 ng/ml



#14 Endrin

R.T.: 5.458 min
Delta R.T.: 0.003 min
Response: 141782865
Conc: 51.86 ng/ml



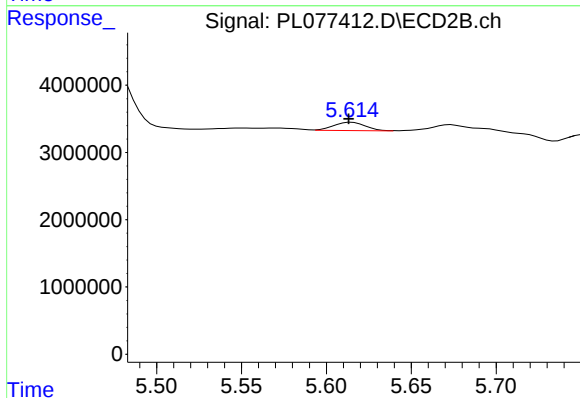
#16 4,4'-DDD

R.T.: 6.604 min
Delta R.T.: 0.003 min
Response: 550057
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

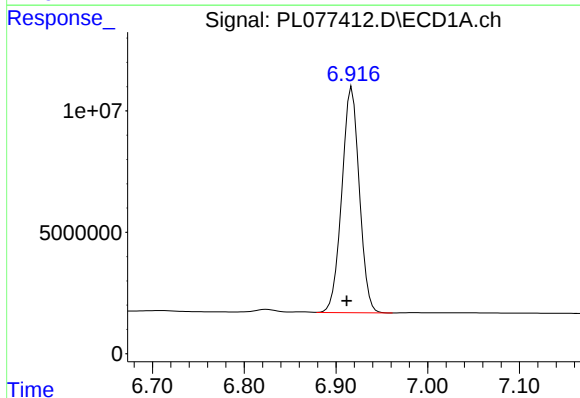
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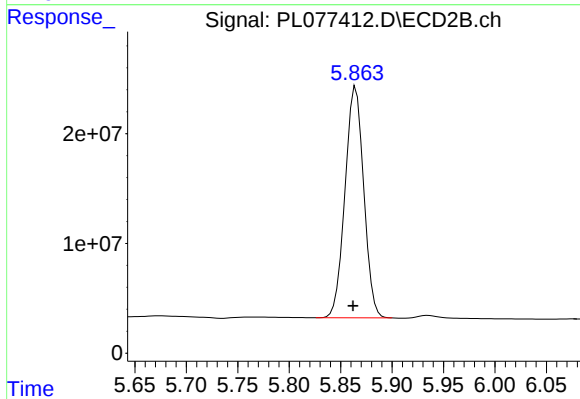
#16 4,4'-DDD

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 1568076
Conc: 0.59 ng/ml m



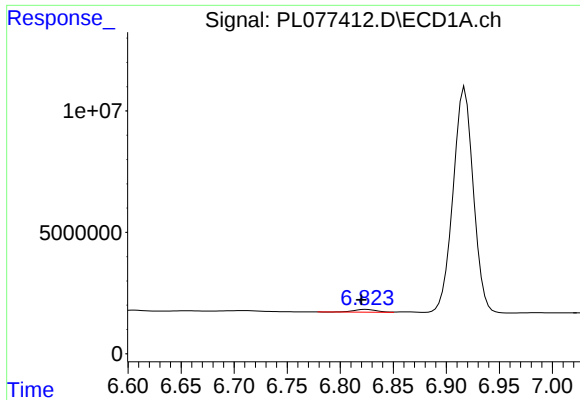
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.006 min
Response: 123025050
Conc: 110.13 ng/ml



#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: 0.003 min
Response: 267199760
Conc: 101.44 ng/ml



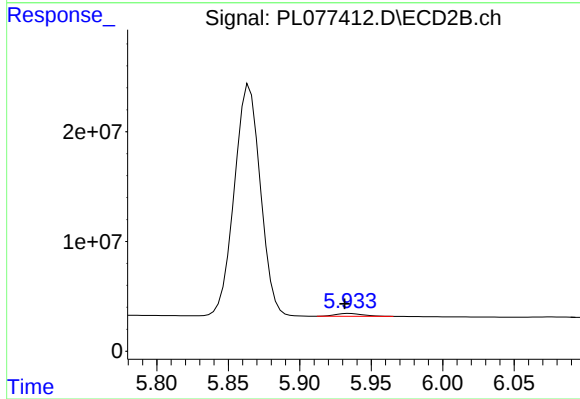
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.004 min
Response: 1775970
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

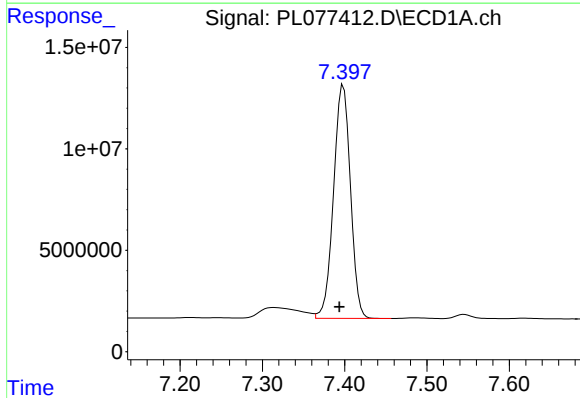
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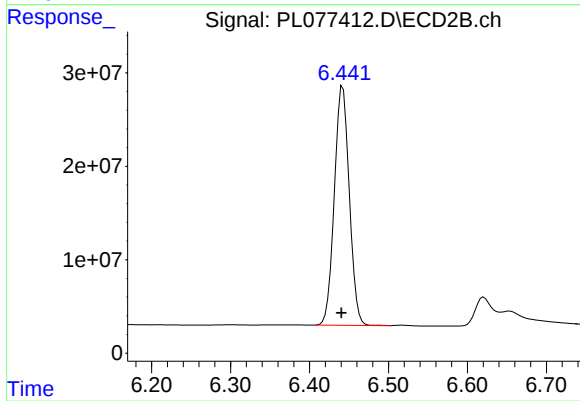
#18 Endrin aldehyde

R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 3702793
Conc: 1.77 ng/ml m



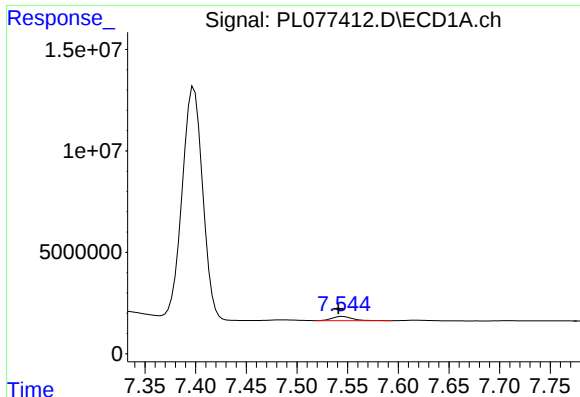
#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: 0.005 min
Response: 164157290
Conc: 272.58 ng/ml



#20 Methoxychlor

R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 336595665
Conc: 238.59 ng/ml



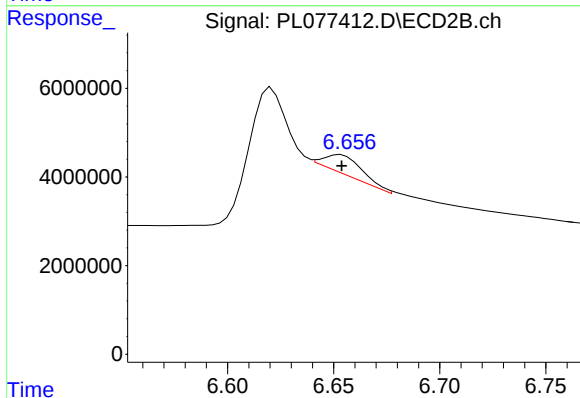
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.004 min
Response: 2826828
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

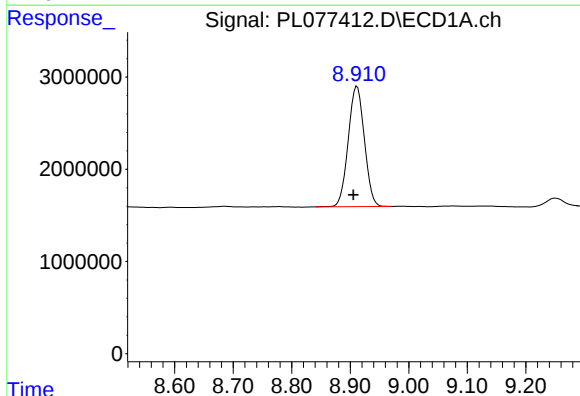
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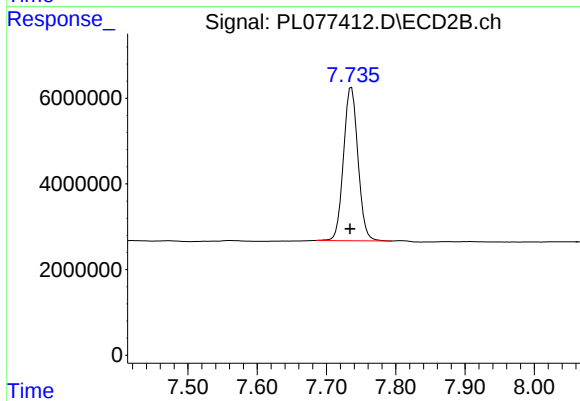
#21 Endrin ketone

R.T.: 6.656 min
Delta R.T.: 0.002 min
Response: 4959220
Conc: 1.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.912 min
Delta R.T.: 0.006 min
Response: 24983153
Conc: 21.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: 0.002 min
Response: 51943700
Conc: 18.62 ng/ml