

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
 Data File : PD089801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 14:24
 Operator : AR\AJ
 Sample : Q2779-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-4

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 08/08/2025
 Supervised By : mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 23:16:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.876	43388582	340.8E6	17.591	21.515m
28)	SA Decachlor...	9.069	8.065	87555235	248.7E6	23.560m	12.388 #
Target Compounds							
10)	B gamma-Chl...	5.939	5.119	17159799	172.3E6	4.106m	7.955m#
11)	B alpha-Chl...	6.024	5.184	16986043	75181517	4.040	3.611m
12)	B 4,4'-DDE	6.191	5.369	37903345	142.3E6	10.162	6.735 #
13)	MA Dieldrin	6.343	5.504	8758303	173.3E6	2.074m	8.009m#
14)	MA Endrin	6.570	5.784	10374441	40751820	2.900	2.045m#
16)	A 4,4'-DDD	6.700	5.923	100.6E6	420.9E6	33.577m	23.872m#

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

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Acq On : 07 Aug 2025 14:24
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Misc :
ALS Vial : 14 Sample Multiplier: 1

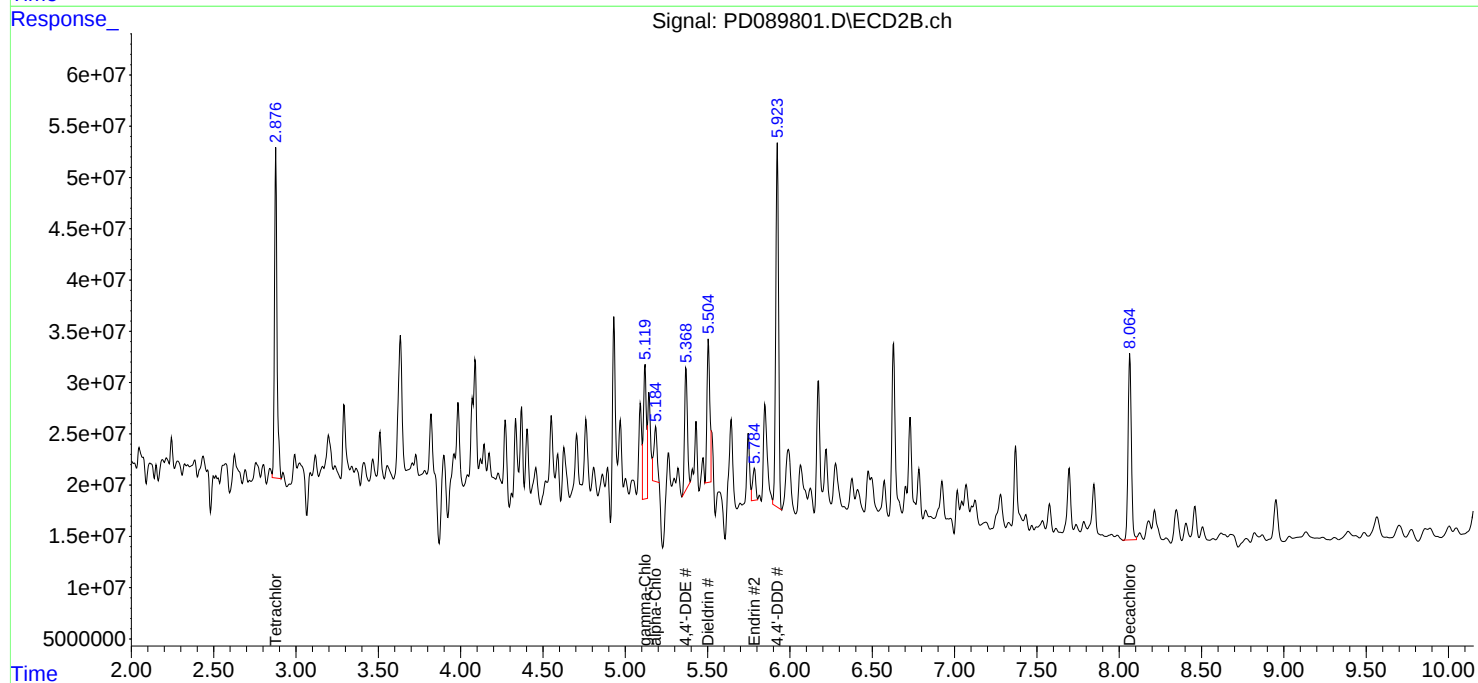
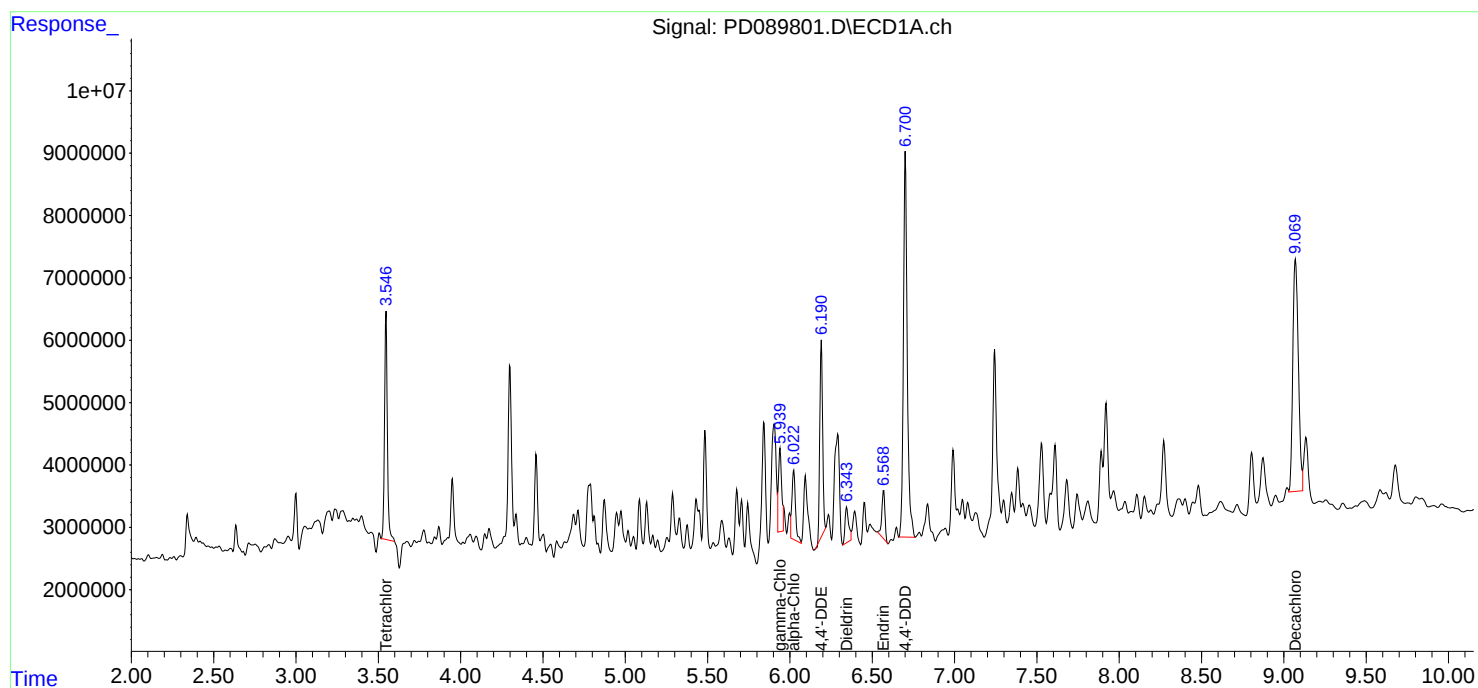
Instrument :
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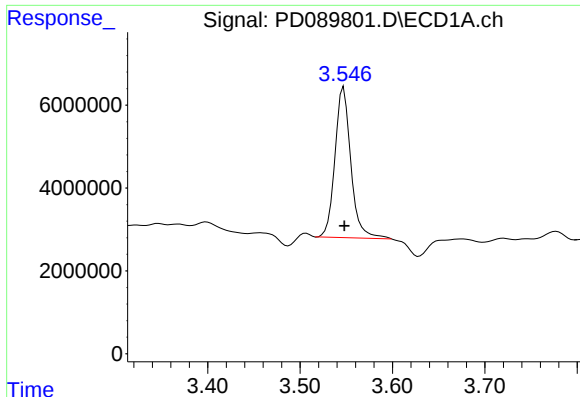
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Supervised By :mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 23:16:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





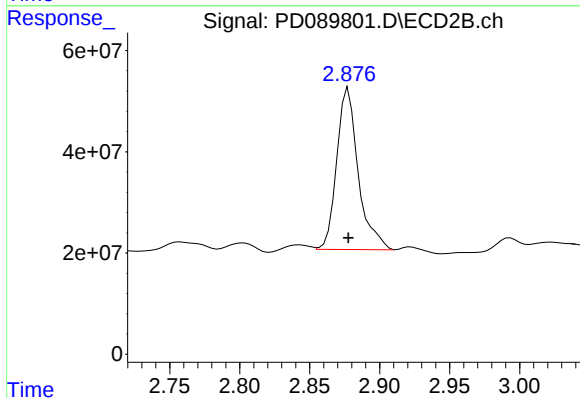
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 43388582
Conc: 17.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4

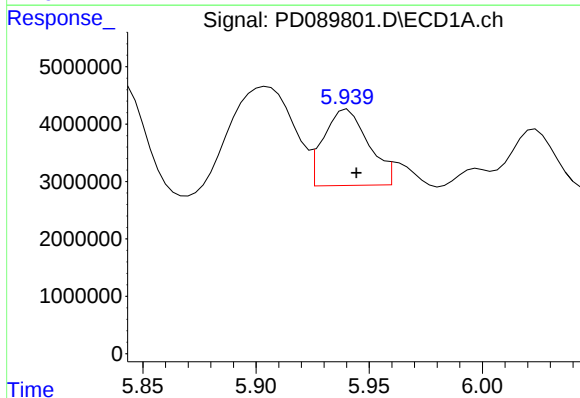
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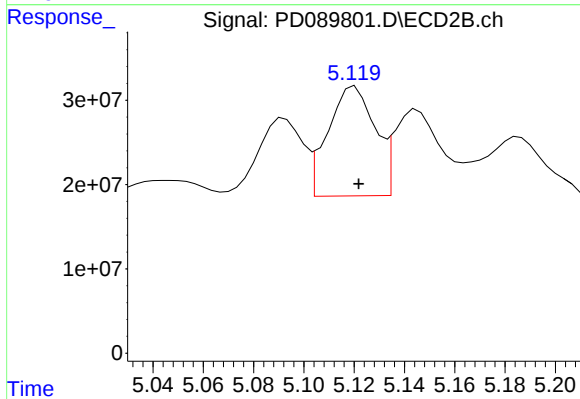
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 340752350
Conc: 21.52 ng/ml m



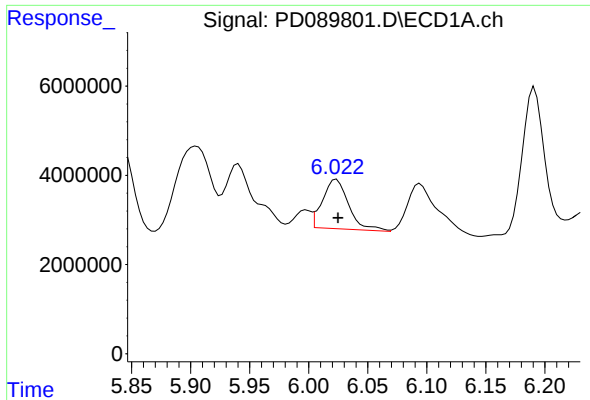
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 17159799
Conc: 4.11 ng/ml m



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 172262878
Conc: 7.96 ng/ml m



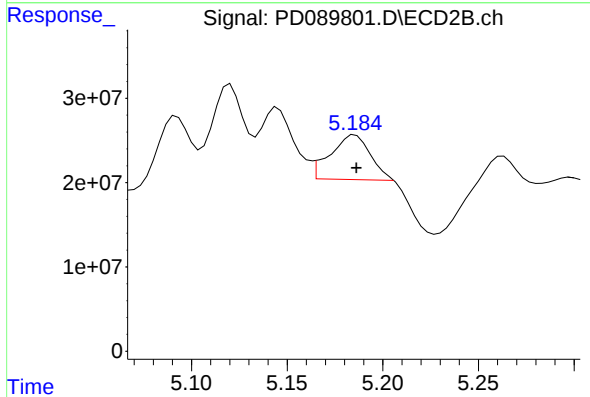
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: -0.001 min
Response: 16986043
Conc: 4.04 ng/ml

Instrument :
ECD_D
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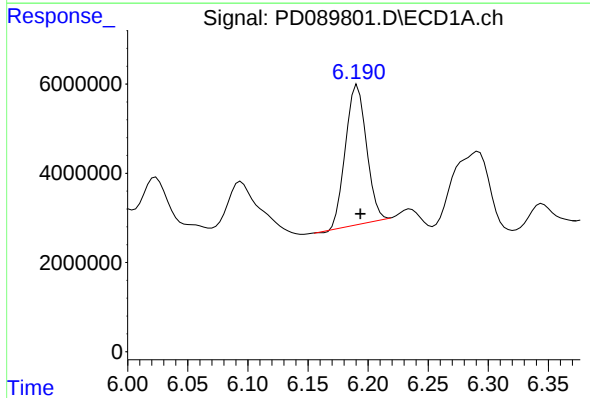
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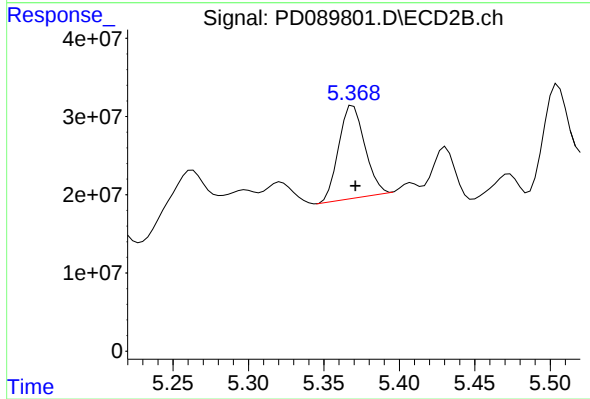
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 75181517
Conc: 3.61 ng/ml m



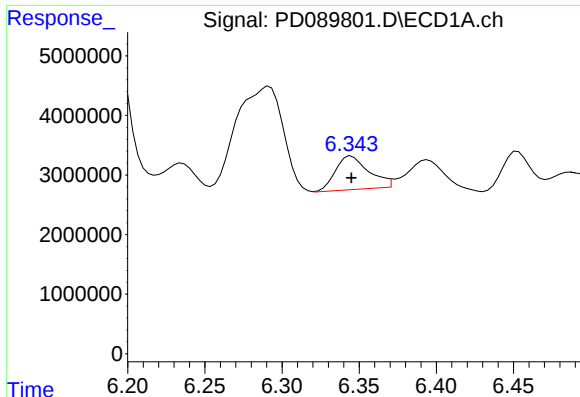
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 37903345
Conc: 10.16 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: -0.002 min
Response: 142349949
Conc: 6.73 ng/ml



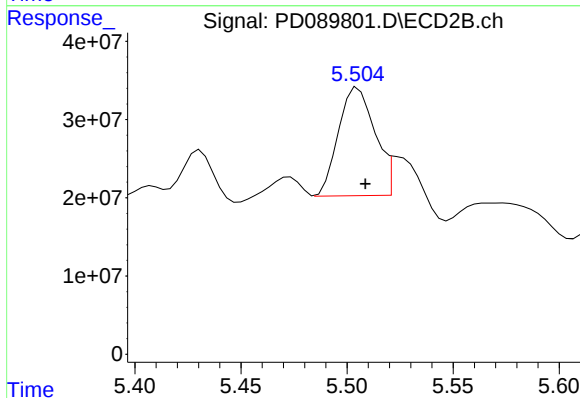
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 8758303
Conc: 2.07 ng/ml

Instrument :
ECD_D
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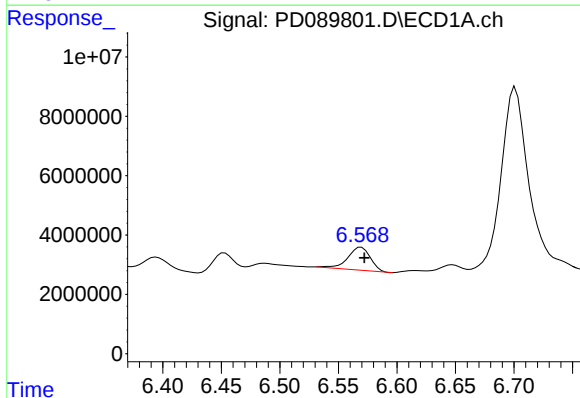
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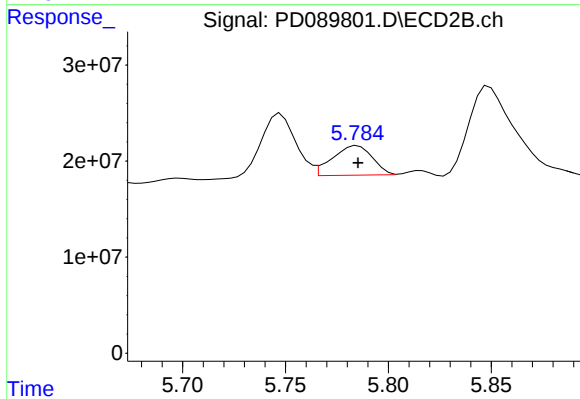
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 173302604
Conc: 8.01 ng/ml m



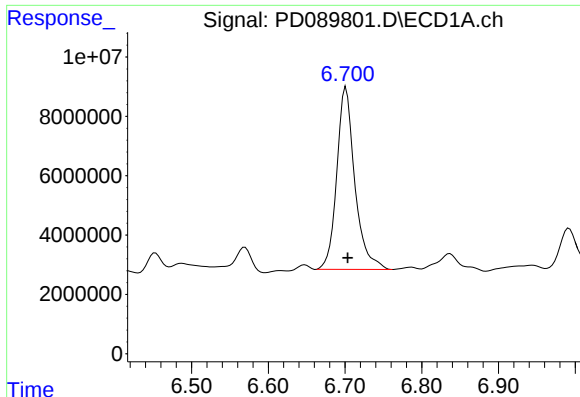
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 10374441
Conc: 2.90 ng/ml



#14 Endrin

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 40751820
Conc: 2.05 ng/ml m



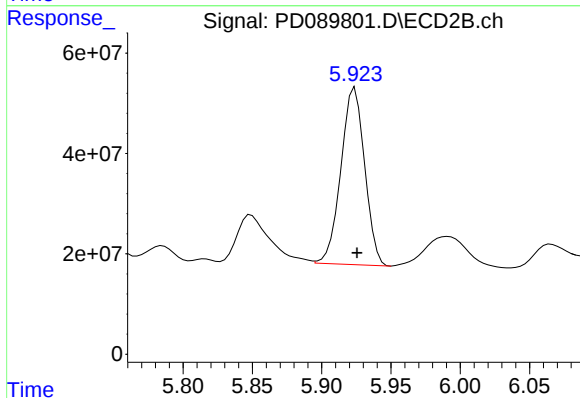
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.004 min
Response: 100558620
Conc: 33.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-4

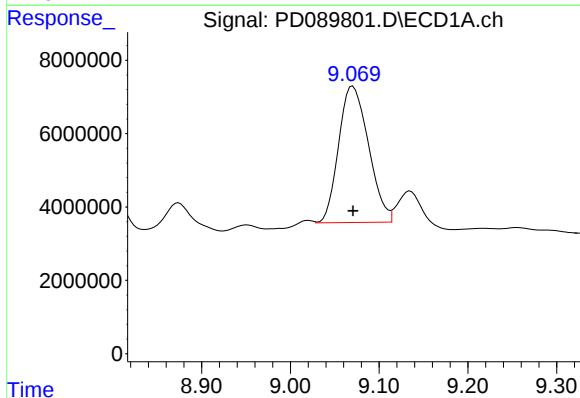
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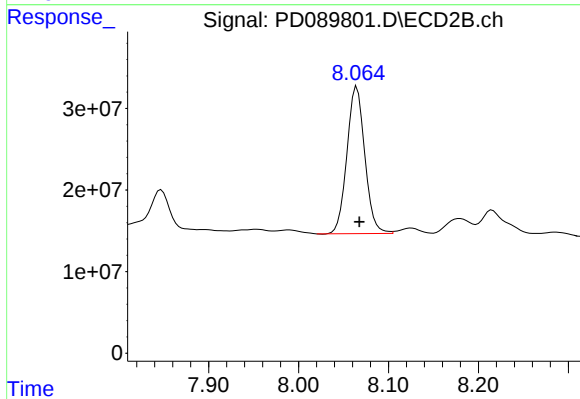
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 420927524
Conc: 23.87 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 87555235
Conc: 23.56 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 248717543
Conc: 12.39 ng/ml