

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052025AL\
 Data File : FE053915.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2025 09:56
 Operator : YP\AJ
 Sample : Q2068-01DL 20X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0075DL

Integration File: autoint1.e
 Quant Time: May 21 00:37:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.857	11284501	69.438 ug/ml
Spiked Amount 50.000		Recovery =	138.88%
12) S 1-chlorooctadecane (S...	13.319	10260083	86.547 ug/ml
Spiked Amount 50.000		Recovery =	173.09%
Target Compounds			
6) T n-Tetradecane (C14)	8.476	317726	2.354 ug/ml
7) T n-Hexadecane (C16)	10.096	1116361	8.273 ug/ml
8) T n-Octadecane (C18)	11.556	1659427	12.323 ug/ml
10) T n-Eicosane (C20)	12.874	9732843	74.054 ug/ml
11) T n-Heneicosane (C21)	13.456	5186559	40.006 ug/ml
13) T n-Docosane (C22)	14.037	3140999	24.621 ug/ml
14) T n-Tetracosane (C24)	15.158	18628	0.149 ug/ml
16) T n-Octacosane (C28)	17.160	263648	2.169 ug/ml
17) T n-Tricontane (C30)	18.017	126069	1.012 ug/ml
19) T n-Tetratriacontane (C34)	19.667	226970	1.905 ug/ml

(f)=RT Delta > 1/2 Window

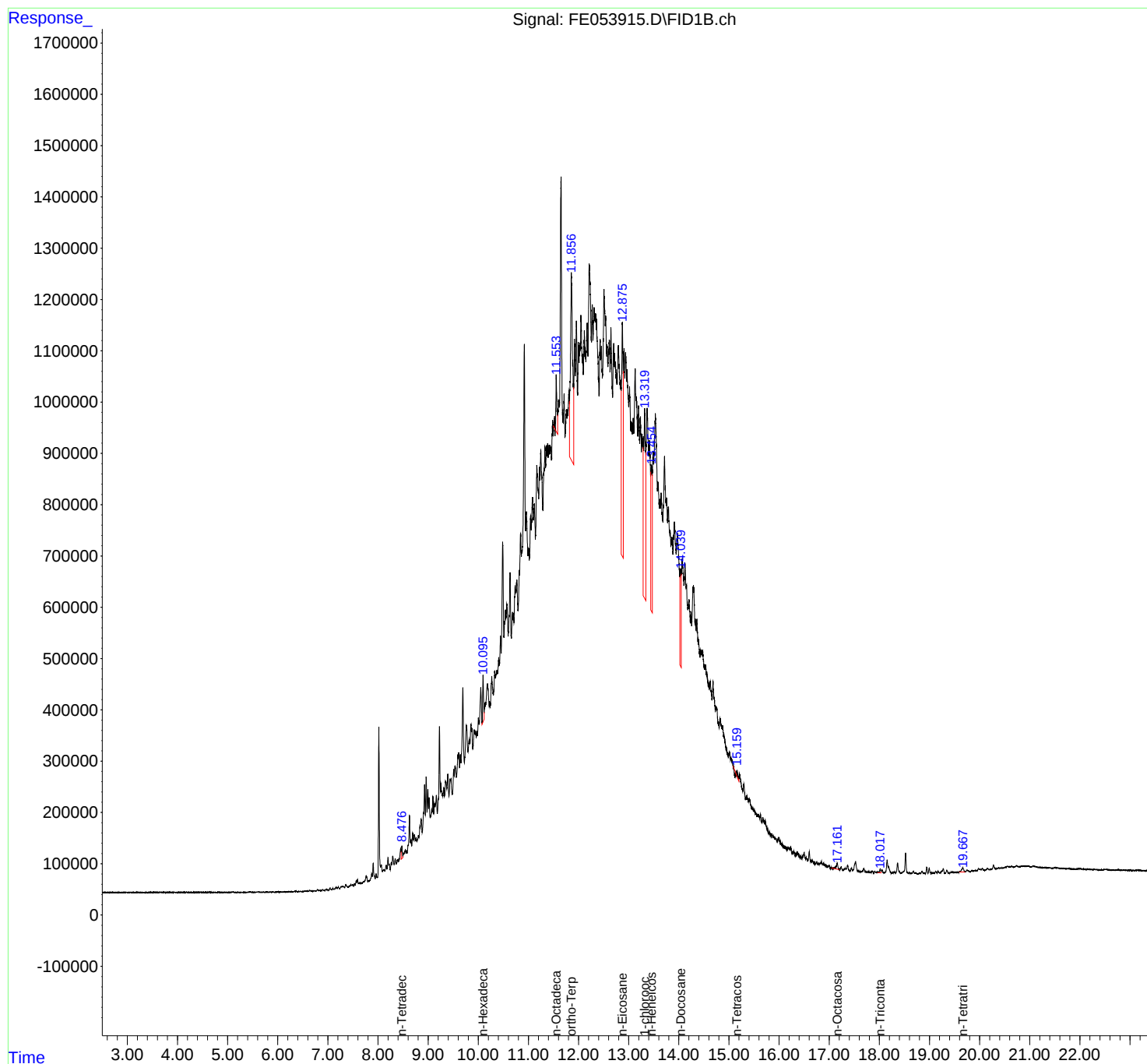
(m)=manual int.

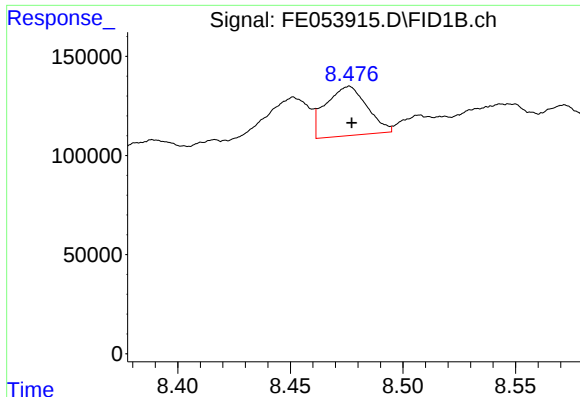
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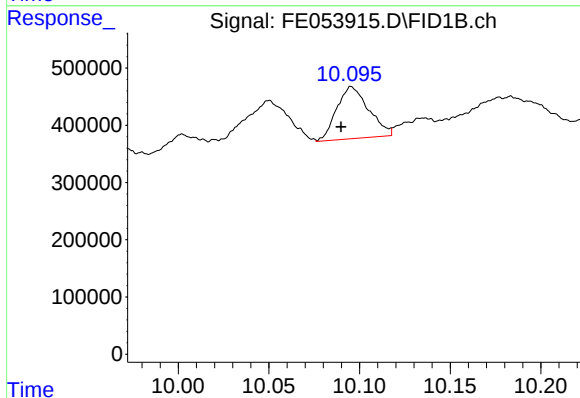




#6 n-Tetradecane (C14)

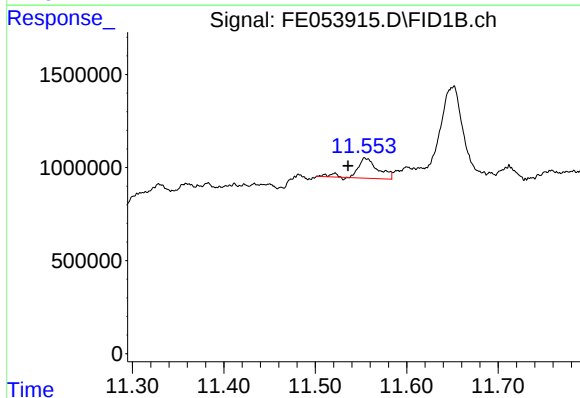
R.T.: 8.476 min
Delta R.T.: -0.002 min
Response: 317726
Conc: 2.35 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0075DL



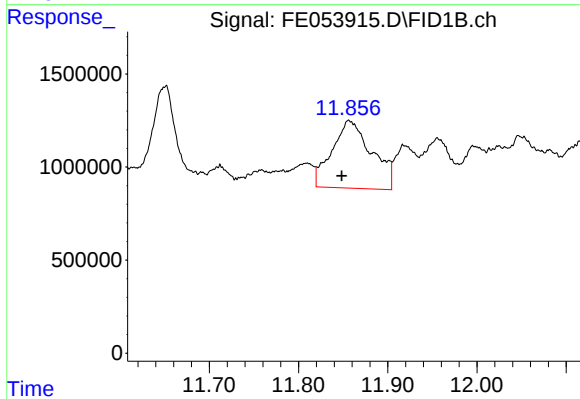
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: 0.006 min
Response: 1116361
Conc: 8.27 ug/ml



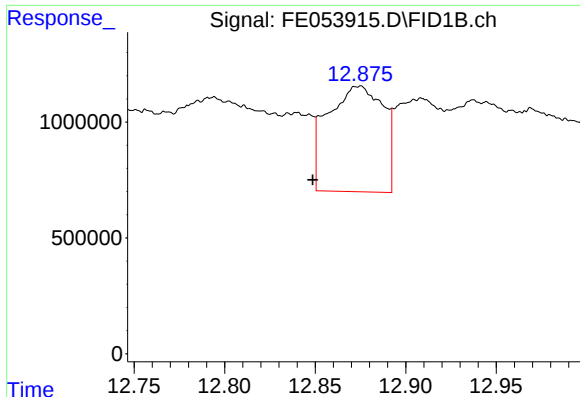
#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: 0.020 min
Response: 1659427
Conc: 12.32 ug/ml



#9 ortho-Terphenyl (SURR)

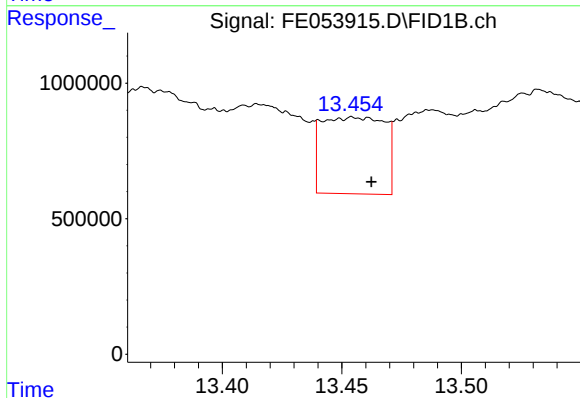
R.T.: 11.857 min
Delta R.T.: 0.009 min
Response: 11284501
Conc: 69.44 ug/ml



#10 n-Eicosane (C20)

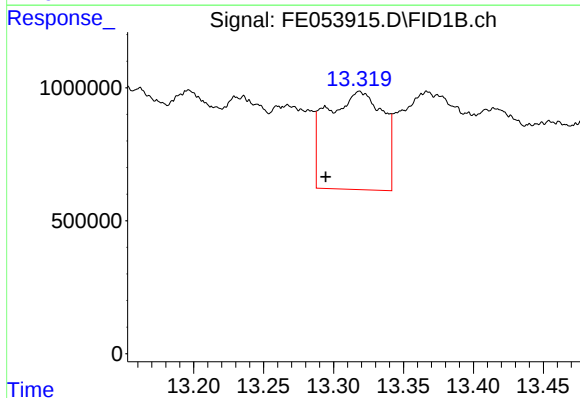
R.T.: 12.874 min
Delta R.T.: 0.025 min
Response: 9732843
Conc: 74.05 ug/ml

Instrument :
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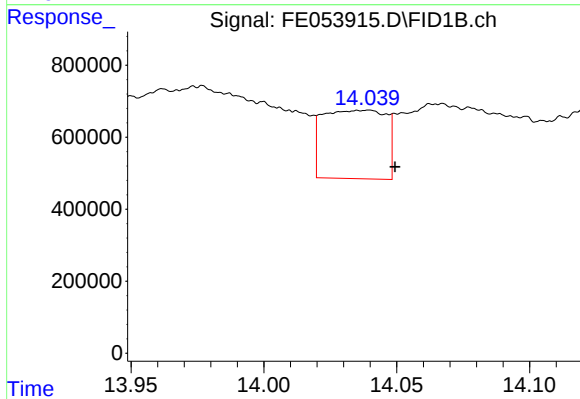
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.007 min
Response: 5186559
Conc: 40.01 ug/ml



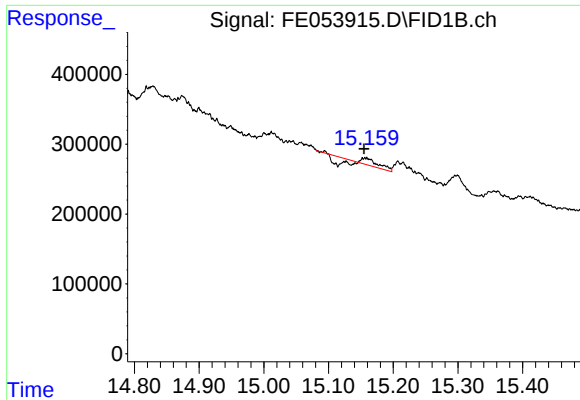
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: 0.024 min
Response: 10260083
Conc: 86.55 ug/ml



#13 n-Docosane (C22)

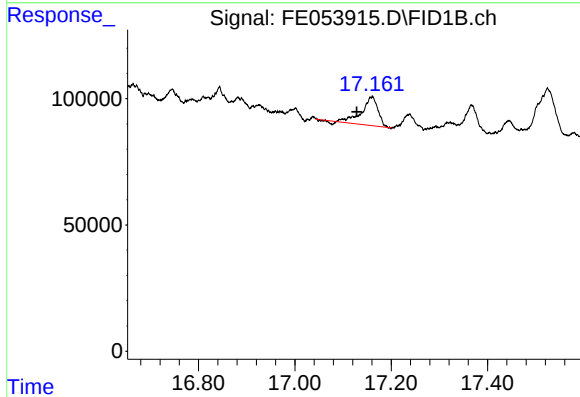
R.T.: 14.037 min
Delta R.T.: -0.012 min
Response: 3140999
Conc: 24.62 ug/ml



#14 n-Tetracosane (C24)

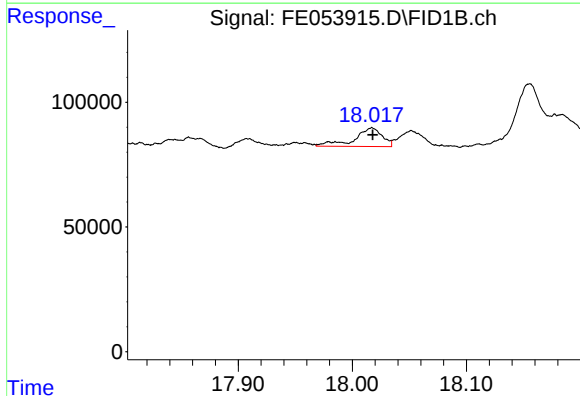
R.T.: 15.158 min
Delta R.T.: 0.003 min
Response: 18628
Conc: 0.15 ug/ml

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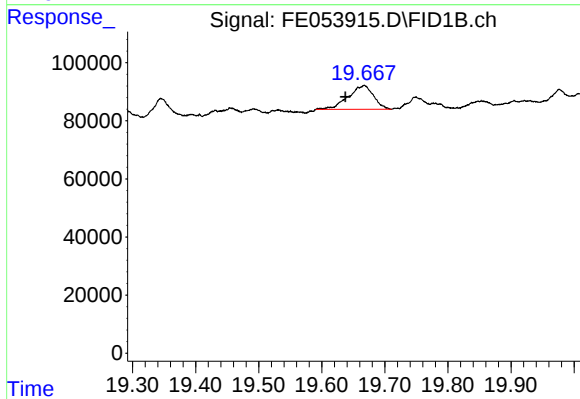
#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: 0.031 min
Response: 263648
Conc: 2.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: 0.000 min
Response: 126069
Conc: 1.01 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: 0.029 min
Response: 226970
Conc: 1.91 ug/ml