

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
 Data File : FE056194.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2025 09:53
 Operator : YP\AJ
 Sample : Q3262-08DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 279887DL

Integration File: autoint1.e
 Quant Time: Oct 07 01:23:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.094	11106391	59.186 ug/ml
Spiked Amount 50.000		Recovery =	118.37%
12) S 1-chlorooctadecane (S...	13.525	2282731	16.356 ug/ml
Spiked Amount 50.000		Recovery =	32.71%
Target Compounds			
6) T n-Tetradecane (C14)	8.676	366548	2.479 ug/ml
7) T n-Hexadecane (C16)	10.317	940899	5.921 ug/ml
8) T n-Octadecane (C18)	11.770	7517617	44.382 ug/ml
10) T n-Eicosane (C20)	13.067	2151547	12.979 ug/ml
11) T n-Heneicosane (C21)	13.645	3623104	22.297 ug/ml
13) T n-Docosane (C22)	14.276	950785	5.950 ug/ml
14) T n-Tetracosane (C24)	15.389	549106	3.604 ug/ml
15) T n-Hexacosane (C26)	16.434	327316	2.295 ug/ml
18) T n-Dotriacontane (C32)	19.067	161244	1.081 ug/ml
19) T n-Tetratriacontane (C34)	19.851	78835	0.557 ug/ml

(f)=RT Delta > 1/2 Window

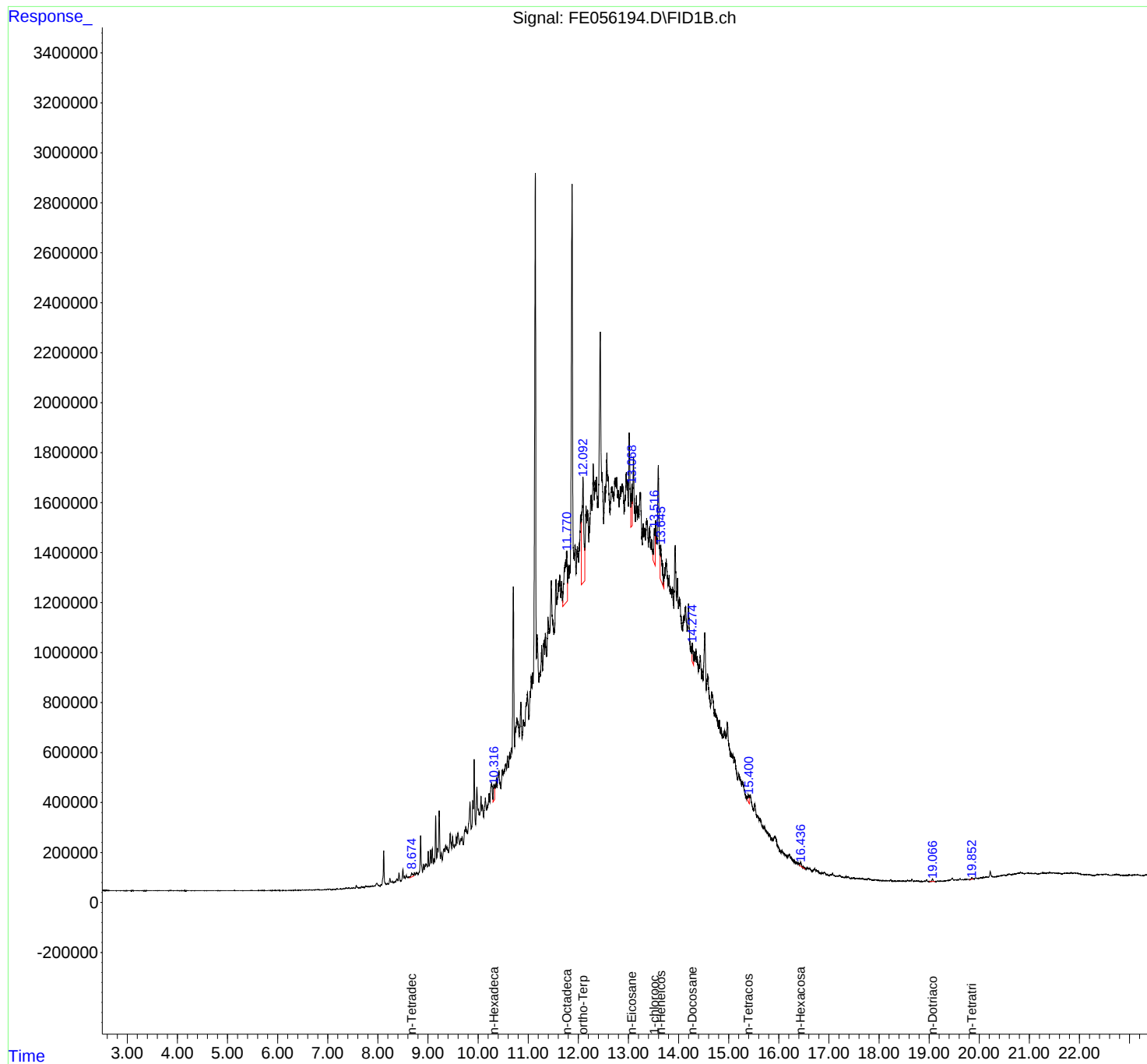
(m)=manual int.

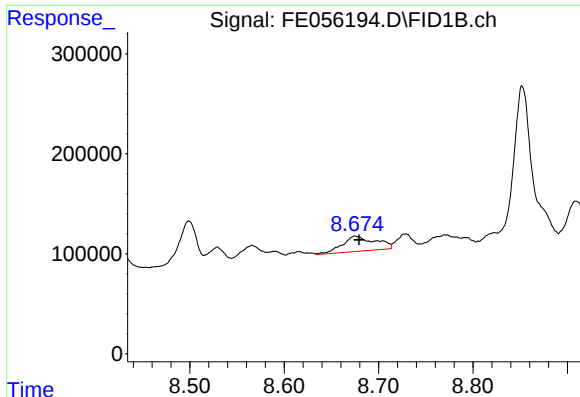
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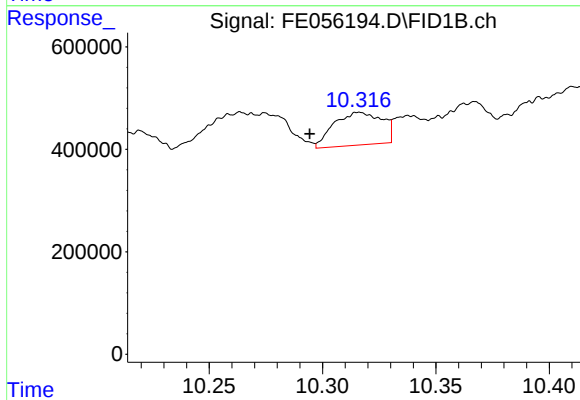




#6 n-Tetradecane (C14)

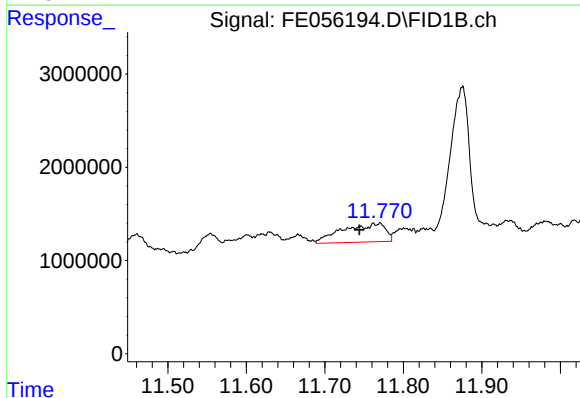
R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 366548
Conc: 2.48 ug/ml

Instrument :
FID_E
ClientSampleId :
279887DL



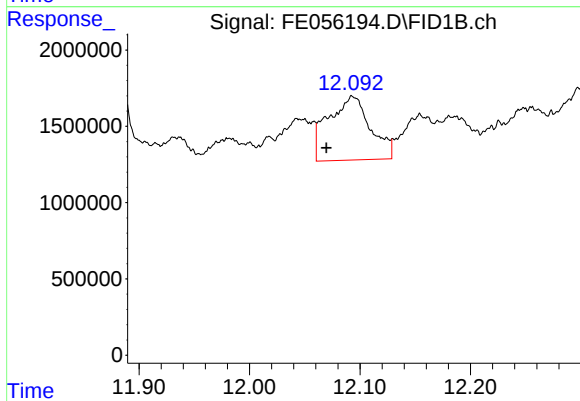
#7 n-Hexadecane (C16)

R.T.: 10.317 min
Delta R.T.: 0.022 min
Response: 940899
Conc: 5.92 ug/ml



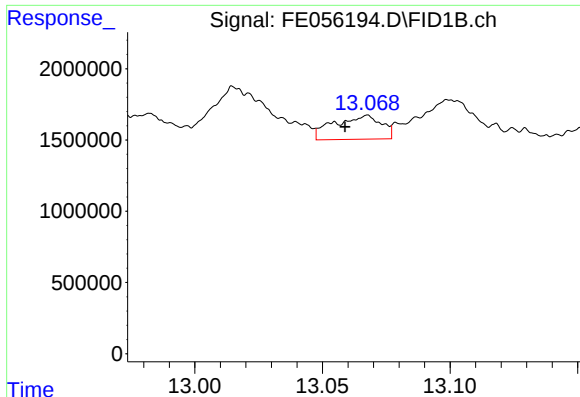
#8 n-Octadecane (C18)

R.T.: 11.770 min
Delta R.T.: 0.026 min
Response: 7517617
Conc: 44.38 ug/ml



#9 ortho-Terphenyl (SURR)

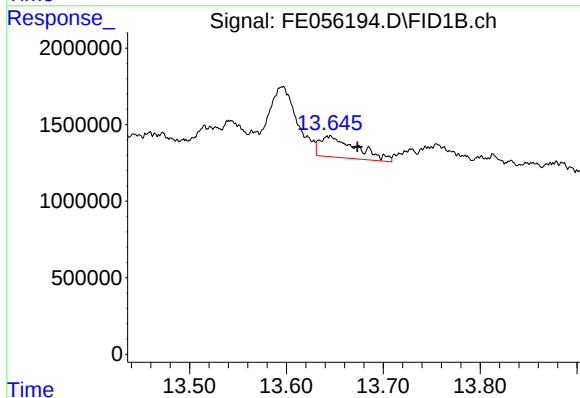
R.T.: 12.094 min
Delta R.T.: 0.024 min
Response: 11106391
Conc: 59.19 ug/ml



#10 n-Eicosane (C20)

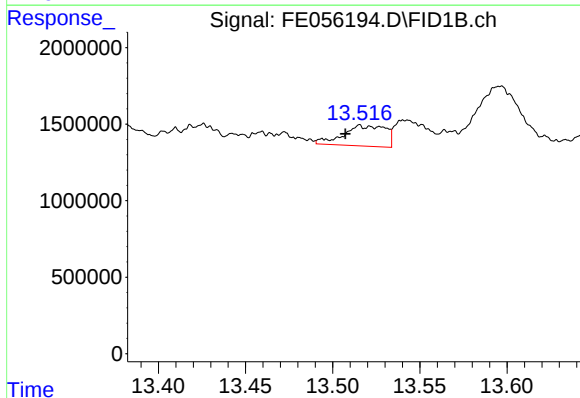
R.T.: 13.067 min
Delta R.T.: 0.008 min
Response: 2151547
Conc: 12.98 ug/ml

Instrument :
FID_E
ClientSampleId :
279887DL



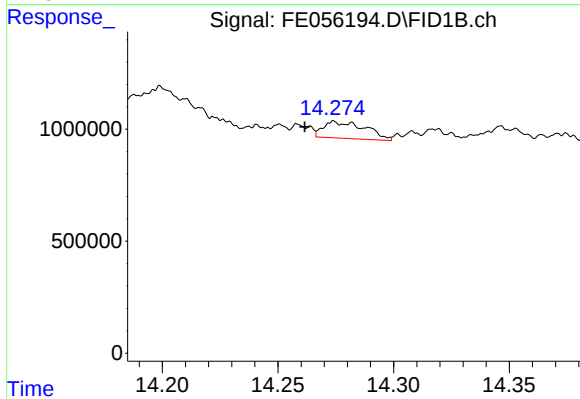
#11 n-Heneicosane (C21)

R.T.: 13.645 min
Delta R.T.: -0.028 min
Response: 3623104
Conc: 22.30 ug/ml



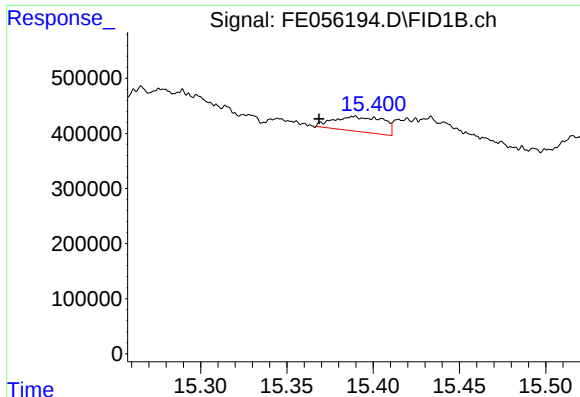
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.018 min
Response: 2282731
Conc: 16.36 ug/ml



#13 n-Docosane (C22)

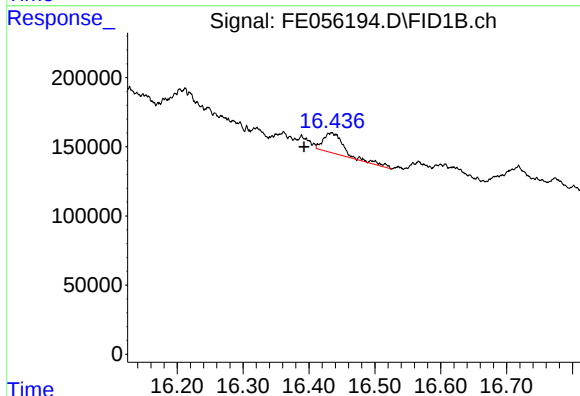
R.T.: 14.276 min
Delta R.T.: 0.014 min
Response: 950785
Conc: 5.95 ug/ml



#14 n-Tetracosane (C24)

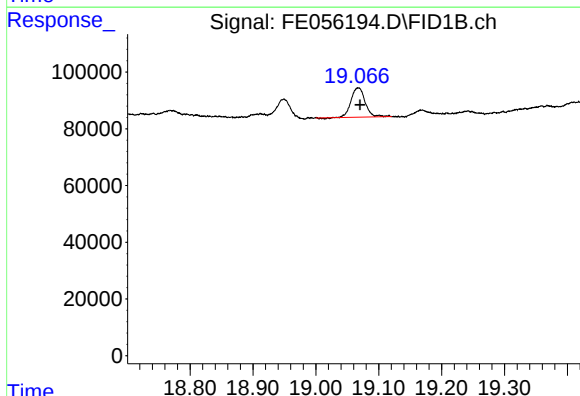
R.T.: 15.389 min
Delta R.T.: 0.020 min
Response: 549106
Conc: 3.60 ug/ml

Instrument :
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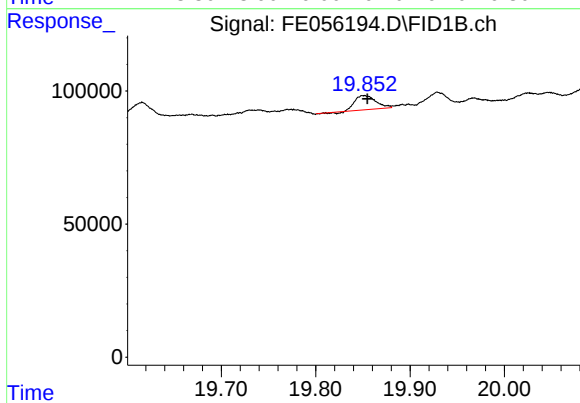
#15 n-Hexacosane (C26)

R.T.: 16.434 min
Delta R.T.: 0.041 min
Response: 327316
Conc: 2.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: -0.003 min
Response: 161244
Conc: 1.08 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.851 min
Delta R.T.: -0.003 min
Response: 78835
Conc: 0.56 ug/ml