

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055246.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 09:00
 Operator : YP\AJ
 Sample : Q2809-02DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 03:59:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.089	495758	3.472 ug/ml
Spiked Amount 50.000		Recovery =	6.94%
12) S 1-chlorooctadecane (S...	13.526	427528	3.976 ug/ml
Spiked Amount 50.000		Recovery =	7.95%
Target Compounds			
7) T n-Hexadecane (C16)	10.312	28250	0.221 ug/ml
8) T n-Octadecane (C18)	11.761	49564	0.380 ug/ml
10) T n-Eicosane (C20)	13.077	46426	0.370 ug/ml
11) T n-Heneicosane (C21)	13.693	26370	0.214 ug/ml
13) T n-Docosane (C22)	14.281	13990	0.115 ug/ml
14) T n-Tetracosane (C24)	15.385	101699	0.836 ug/ml
15) T n-Hexacosane (C26)	16.412	26924	0.225 ug/ml
16) T n-Octacosane (C28)	17.366	48512	0.409 ug/ml
17) T n-Tricontane (C30)	18.256	217497	1.768 ug/ml
18) T n-Dotriacontane (C32)	19.090	164603	1.349 ug/ml
19) T n-Tetratriacontane (C34)	19.880	44921	0.384 ug/ml
20) T n-Hexatriacontane (C36)	20.616	37634	0.344 ug/ml
22) T n-Tetracontane (C40)	22.386	155914	1.491 ug/ml

(f)=RT Delta > 1/2 Window

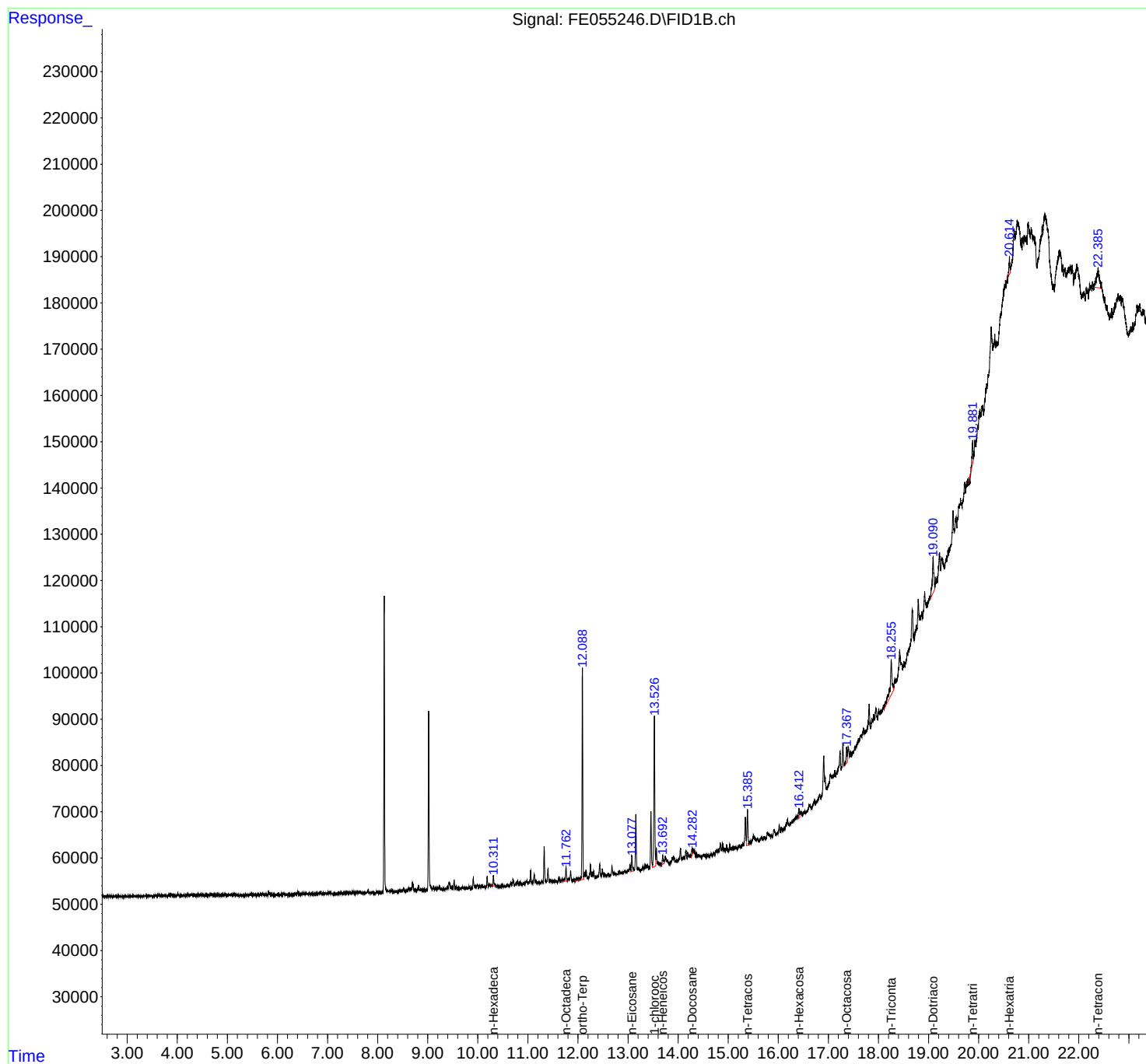
(m)=manual int.

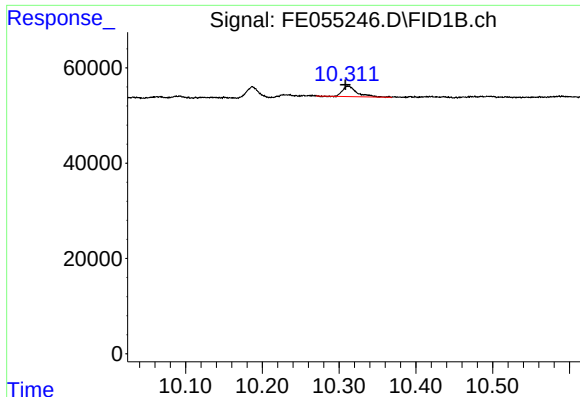
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

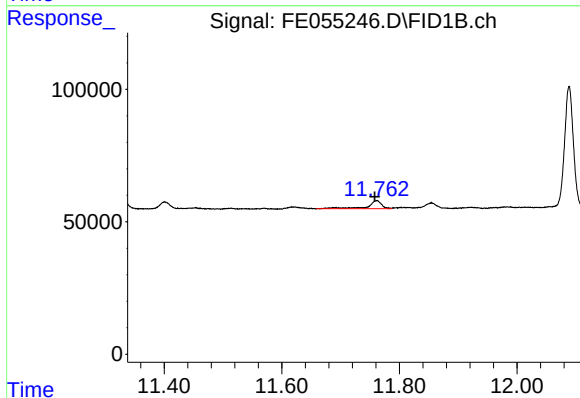




#7 n-Hexadecane (C16)

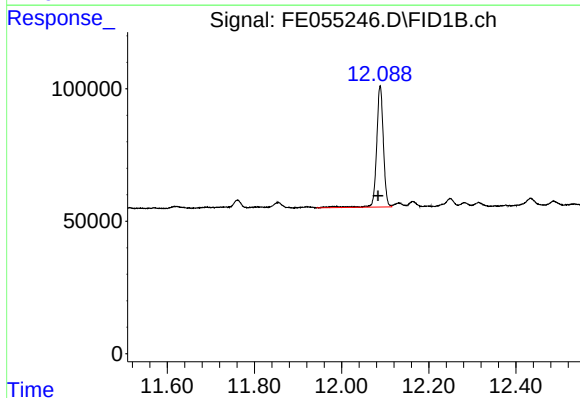
R.T.: 10.312 min
Delta R.T.: 0.004 min
Response: 28250
Conc: 0.22 ug/ml

Instrument :
FID_C
ClientSampleId :



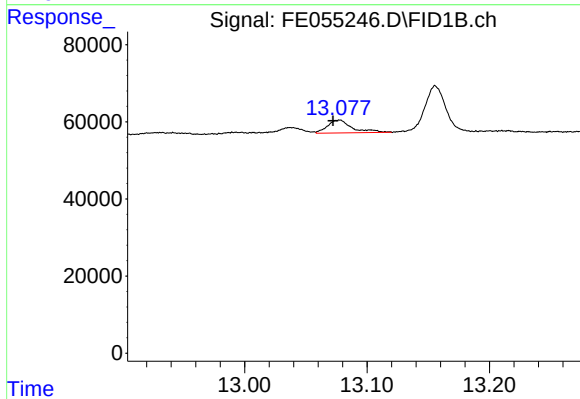
#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 49564
Conc: 0.38 ug/ml



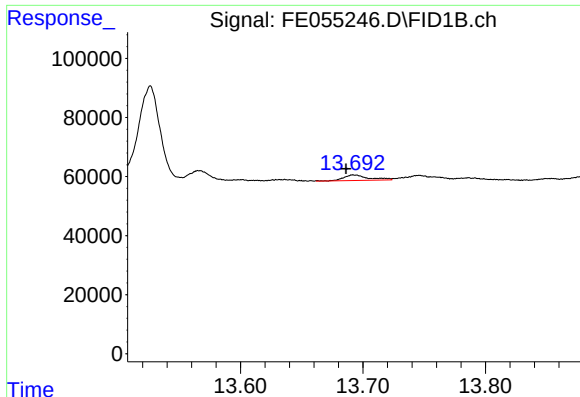
#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.004 min
Response: 495758
Conc: 3.47 ug/ml



#10 n-Eicosane (C20)

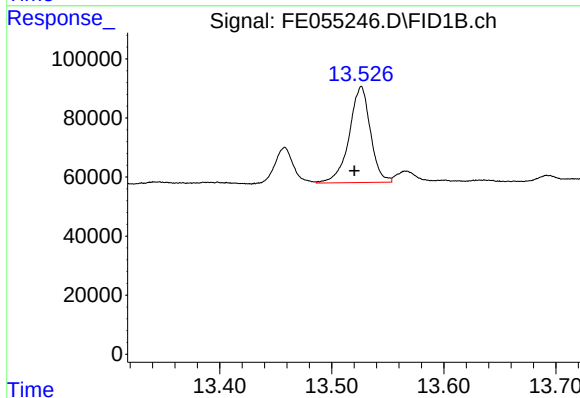
R.T.: 13.077 min
Delta R.T.: 0.004 min
Response: 46426
Conc: 0.37 ug/ml



#11 n-Heneicosane (C21)

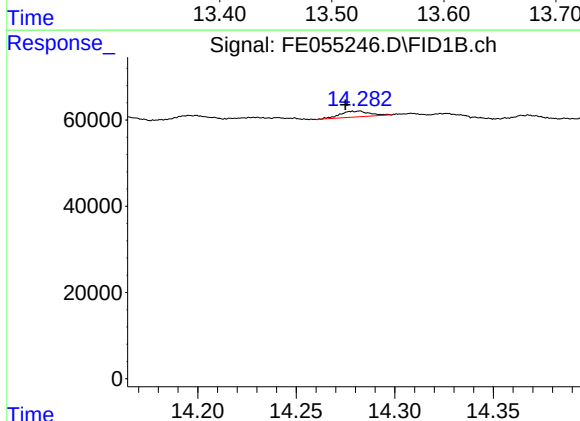
R.T.: 13.693 min
Delta R.T.: 0.007 min
Response: 26370
Conc: 0.21 ug/ml

Instrument :
FID_C
ClientSampleId :



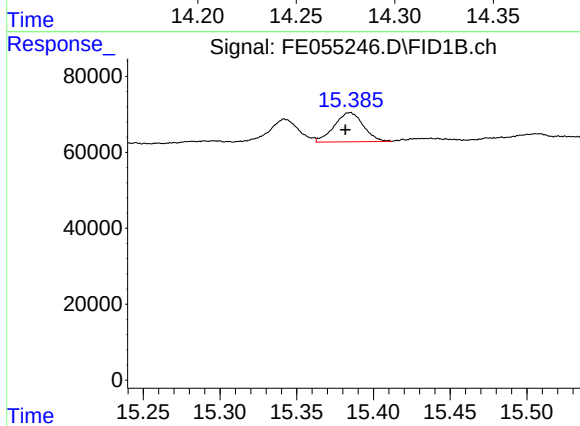
#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 427528
Conc: 3.98 ug/ml



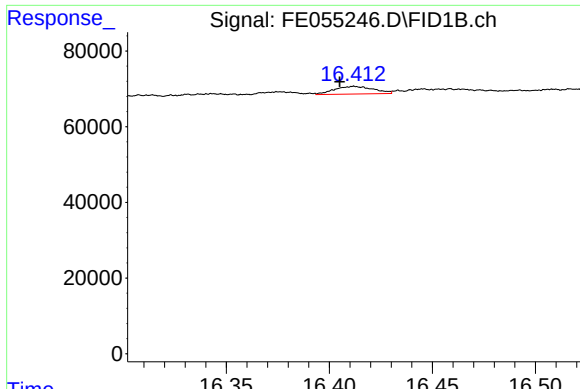
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 13990
Conc: 0.11 ug/ml



#14 n-Tetracosane (C24)

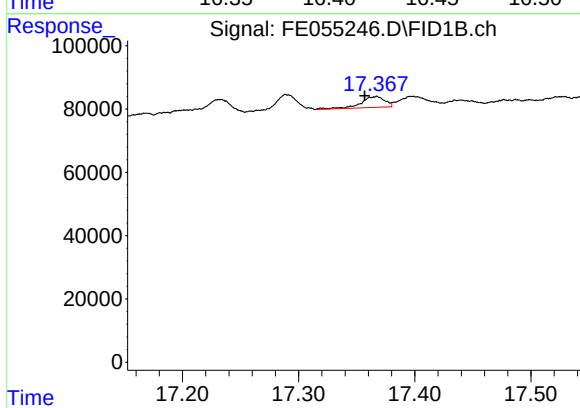
R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 101699
Conc: 0.84 ug/ml



#15 n-Hexacosane (C26)

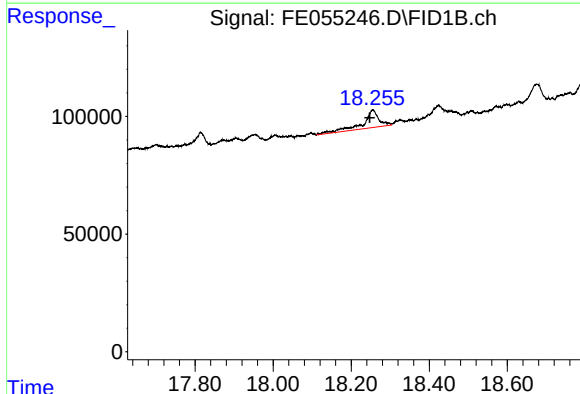
R.T.: 16.412 min
Delta R.T.: 0.007 min
Response: 26924
Conc: 0.23 ug/ml

Instrument :
FID_C
ClientSampleId :



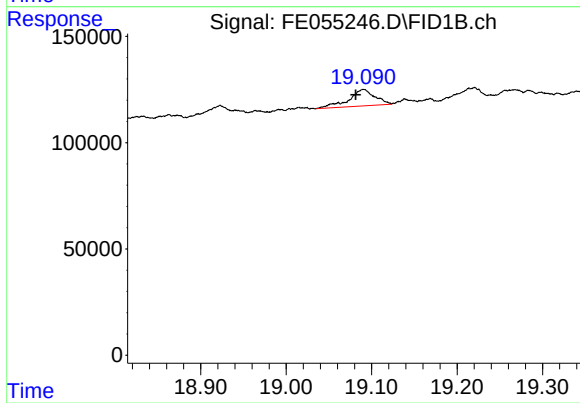
#16 n-Octacosane (C28)

R.T.: 17.366 min
Delta R.T.: 0.009 min
Response: 48512
Conc: 0.41 ug/ml



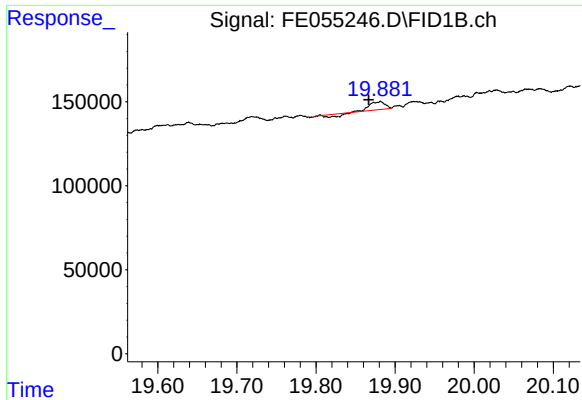
#17 n-Tricontane (C30)

R.T.: 18.256 min
Delta R.T.: 0.008 min
Response: 217497
Conc: 1.77 ug/ml



#18 n-Dotriacontane (C32)

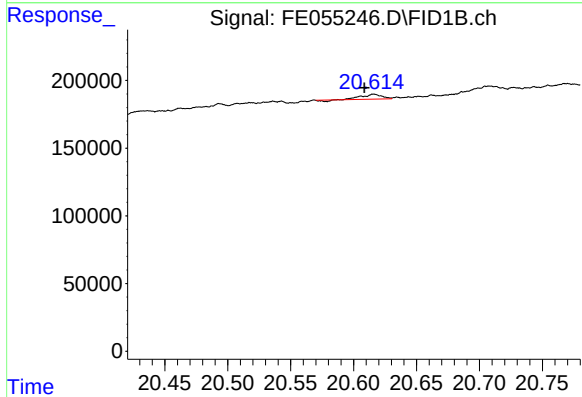
R.T.: 19.090 min
Delta R.T.: 0.009 min
Response: 164603
Conc: 1.35 ug/ml



#19 n-Tetratriacontane (C34)

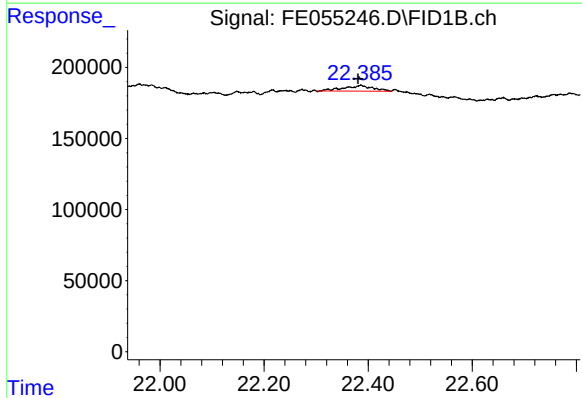
R.T.: 19.880 min
Delta R.T.: 0.014 min
Response: 44921
Conc: 0.38 ug/ml

Instrument :
FID_C
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.616 min
Delta R.T.: 0.008 min
Response: 37634
Conc: 0.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.386 min
Delta R.T.: 0.005 min
Response: 155914
Conc: 1.49 ug/ml