

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090825AL\
 Data File : FE055716.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2025 13:14
 Operator : YP\AJ
 Sample : Q3027-02DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 01:14:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.082	1136688	6.919 ug/ml
Spiked Amount 50.000		Recovery =	13.84%
12) S 1-chlorooctadecane (S...	13.519	882148	7.055 ug/ml
Spiked Amount 50.000		Recovery =	14.11%
Target Compounds			
8) T n-Octadecane (C18)	11.755	119916	0.822 ug/ml
10) T n-Eicosane (C20)	13.070	108642	0.755 ug/ml
14) T n-Tetracosane (C24)	15.380	183270	1.267 ug/ml
15) T n-Hexacosane (C26)	16.405	132389	0.927 ug/ml
16) T n-Octacosane (C28)	17.359	179202	1.260 ug/ml
17) T n-Tricontane (C30)	18.249	517189	3.499 ug/ml
18) T n-Dotriacontane (C32)	19.084	440250	2.999 ug/ml
19) T n-Tetratriacontane (C34)	19.869	305889	2.165 ug/ml
20) T n-Hexatriacontane (C36)	20.613	155263	1.177 ug/ml

(f)=RT Delta > 1/2 Window

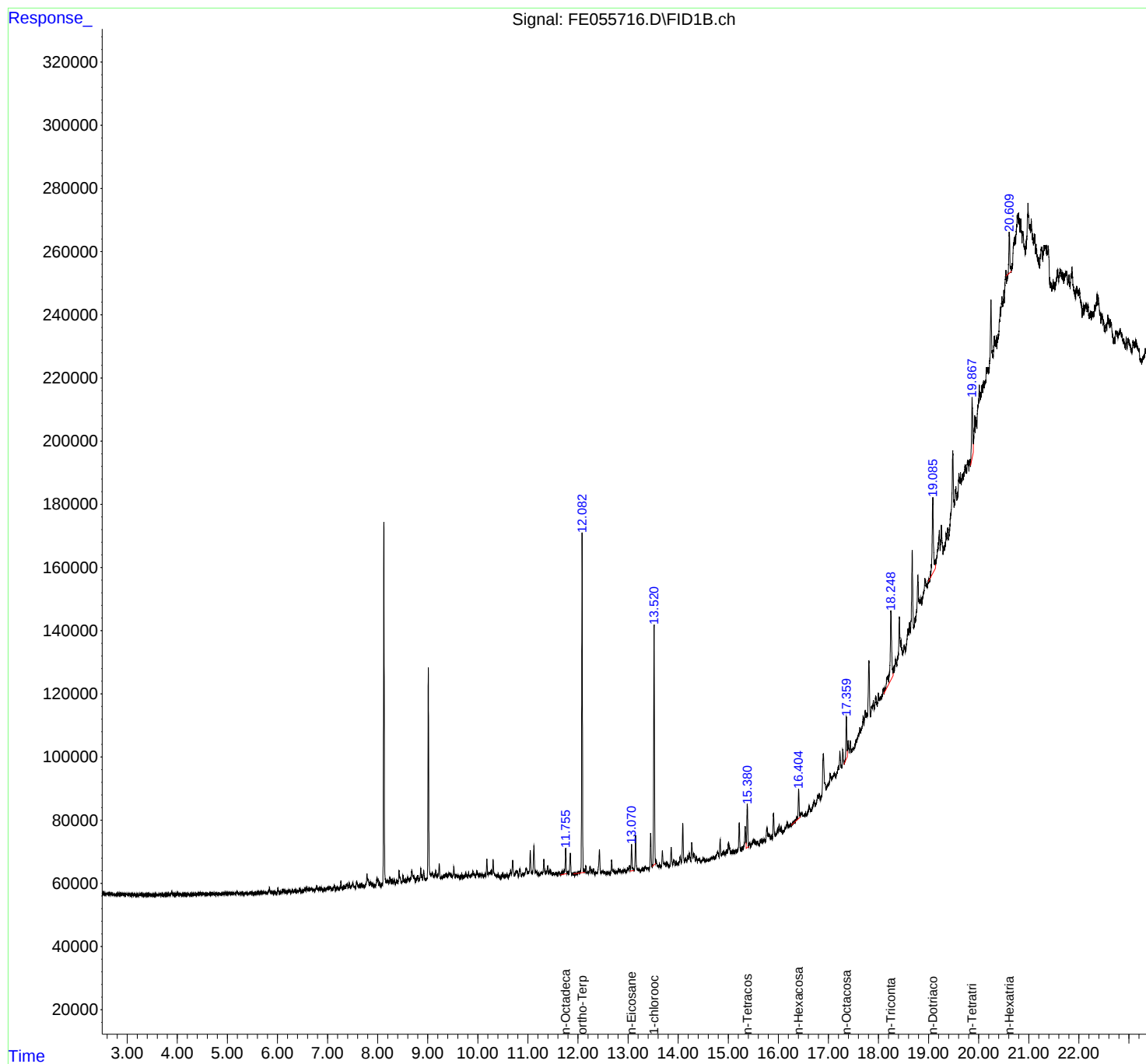
(m)=manual int.

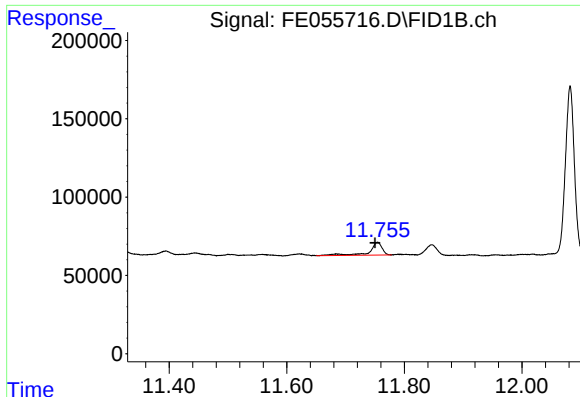
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

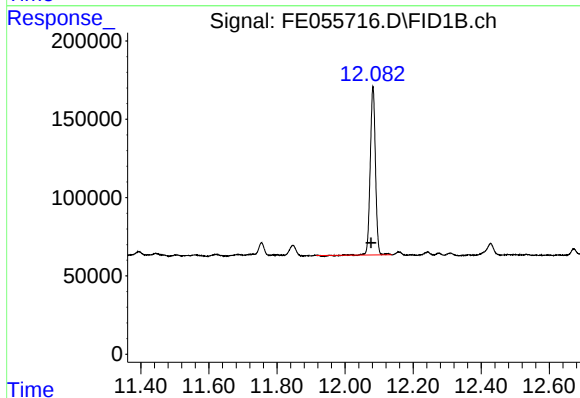




#8 n-Octadecane (C18)

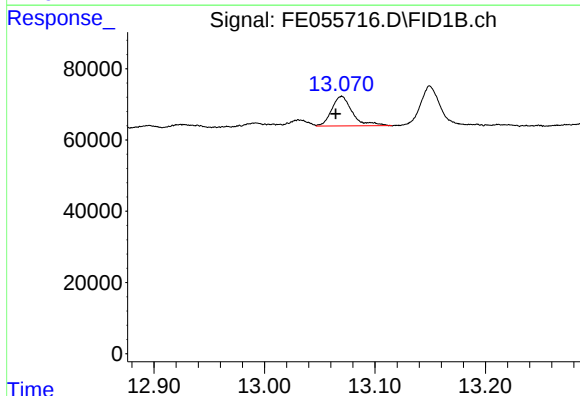
R.T.: 11.755 min
Delta R.T.: 0.004 min
Response: 119916
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



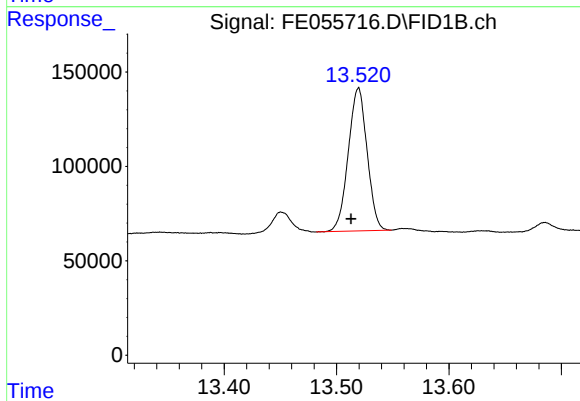
#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: 0.005 min
Response: 1136688
Conc: 6.92 ug/ml



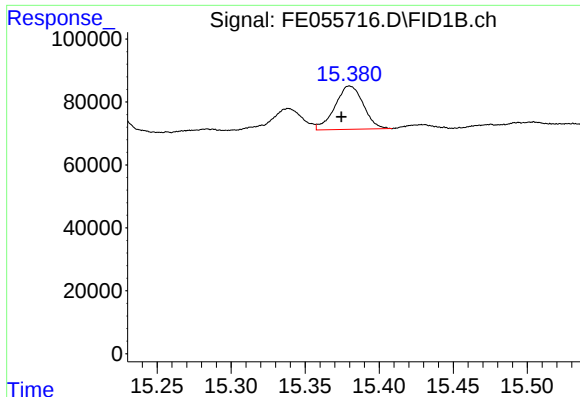
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: 0.005 min
Response: 108642
Conc: 0.75 ug/ml



#12 1-chlorooctadecane (SURR)

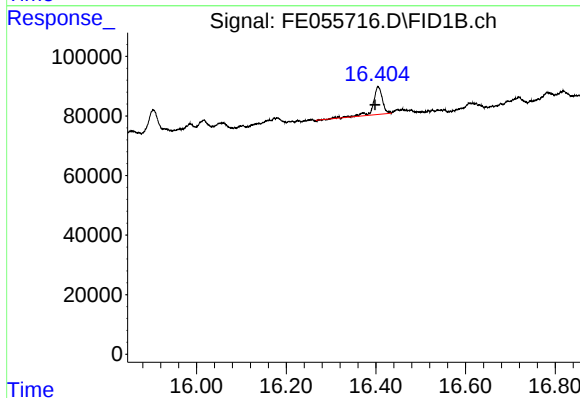
R.T.: 13.519 min
Delta R.T.: 0.006 min
Response: 882148
Conc: 7.05 ug/ml



#14 n-Tetracosane (C24)

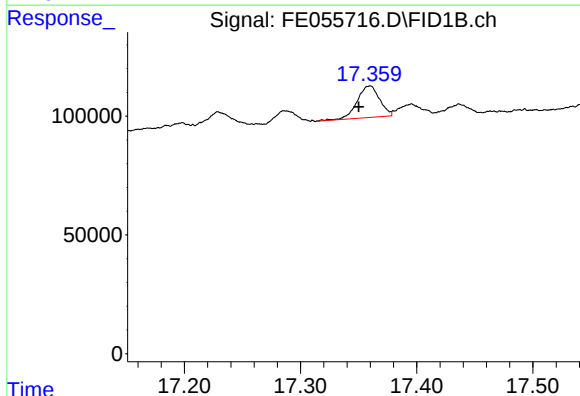
R.T.: 15.380 min
Delta R.T.: 0.006 min
Response: 183270
Conc: 1.27 ug/ml

Instrument :
FID_E
ClientSampleId :



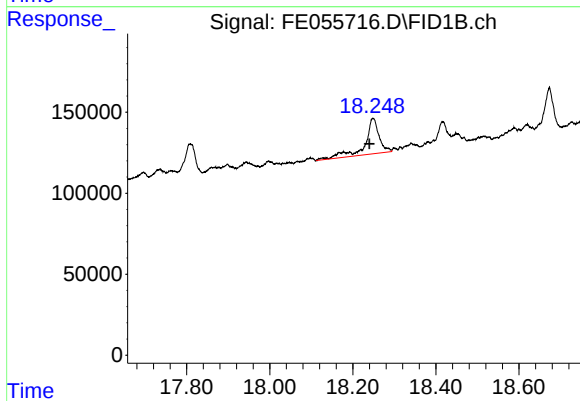
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.007 min
Response: 132389
Conc: 0.93 ug/ml



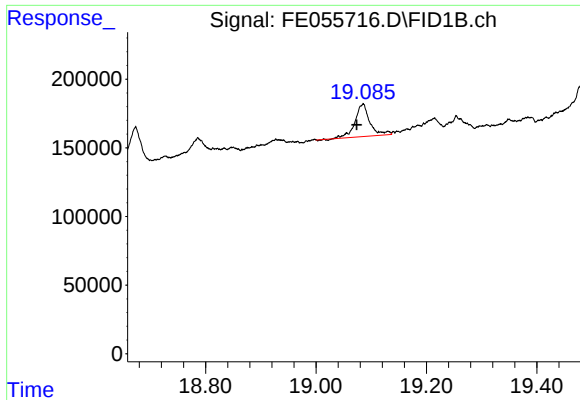
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.009 min
Response: 179202
Conc: 1.26 ug/ml



#17 n-Tricontane (C30)

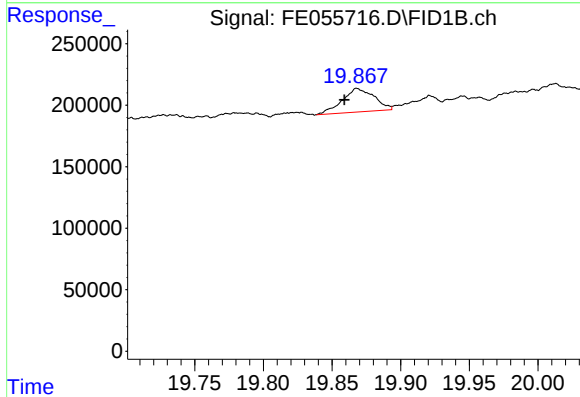
R.T.: 18.249 min
Delta R.T.: 0.009 min
Response: 517189
Conc: 3.50 ug/ml



#18 n-Dotriacontane (C32)

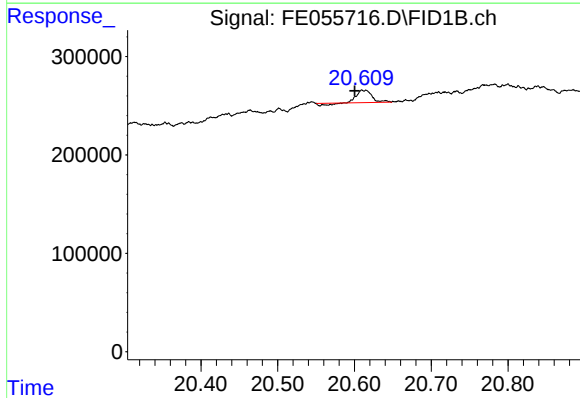
R.T.: 19.084 min
Delta R.T.: 0.011 min
Response: 440250
Conc: 3.00 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.010 min
Response: 305889
Conc: 2.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.012 min
Response: 155263
Conc: 1.18 ug/ml