

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054360.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 02:16
 Operator : YP\AJ
 Sample : Q2296-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1-EPH

Integration File: autoint1.e
 Quant Time: Jun 13 05:45:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.827	8058189	48.768 ug/ml
Spiked Amount 50.000		Recovery =	97.54%
12) S 1-chlorooctadecane (S...	13.271	6452864	52.915 ug/ml
Spiked Amount 50.000		Recovery =	105.83%
Target Compounds			
10) T n-Eicosane (C20)	12.813	125794	0.940 ug/ml
11) T n-Heneicosane (C21)	13.436	28257	0.213 ug/ml
13) T n-Docosane (C22)	14.024	62280	0.475 ug/ml
14) T n-Tetracosane (C24)	15.120	735541	5.702 ug/ml
15) T n-Hexacosane (C26)	16.151	9123	0.073 ug/ml
16) T n-Octacosane (C28)	17.139	94174	0.768 ug/ml
17) T n-Tricontane (C30)	17.990	42839	0.346 ug/ml
18) T n-Dotriacontane (C32)	18.824	120436	0.959 ug/ml
19) T n-Tetratriacontane (C34)	19.675	26901	0.216 ug/ml

(f)=RT Delta > 1/2 Window

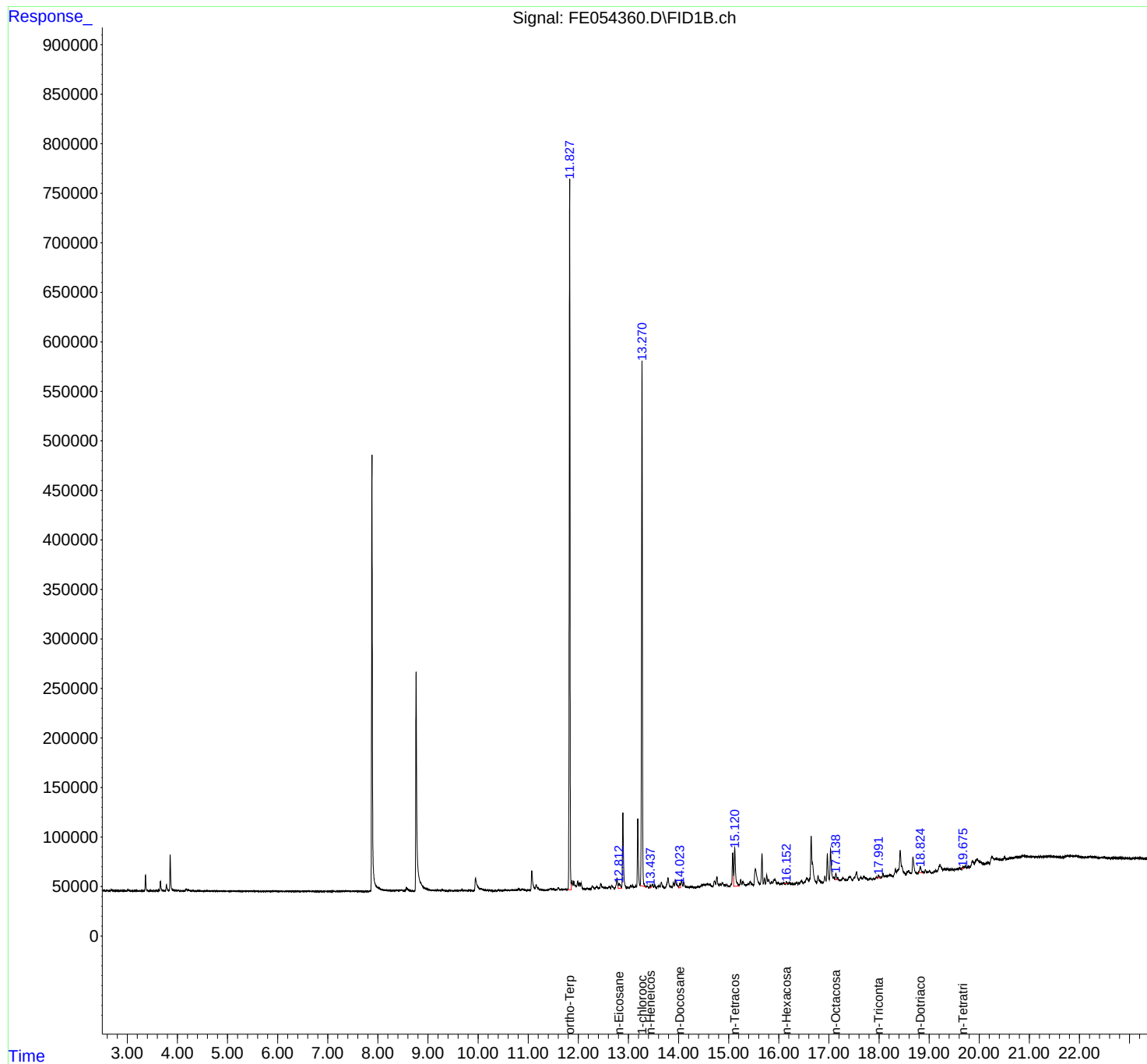
(m)=manual int.

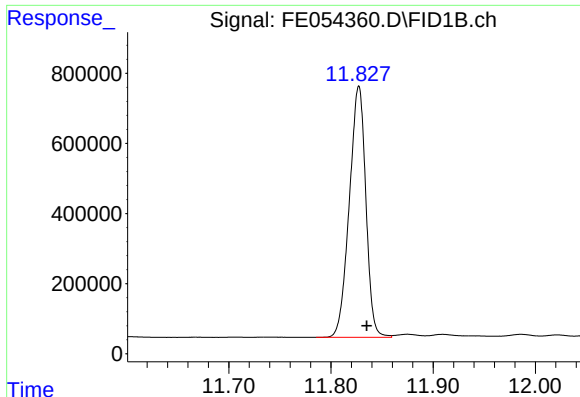
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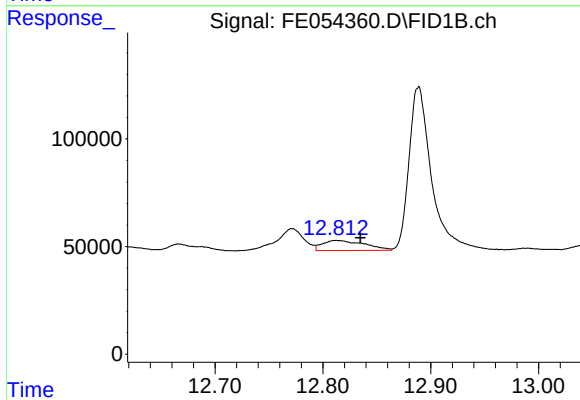




#9 ortho-Terphenyl (SURR)

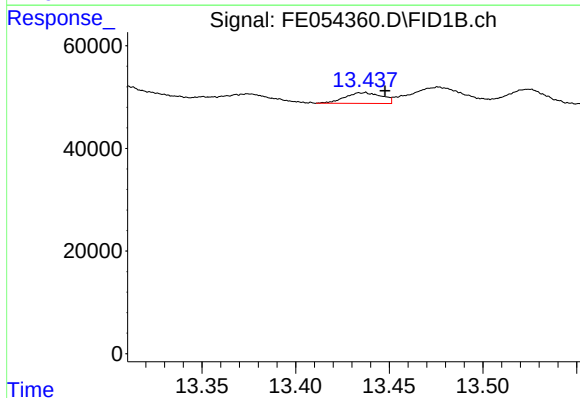
R.T.: 11.827 min
Delta R.T.: -0.008 min
Response: 8058189
Conc: 48.77 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1-EPH



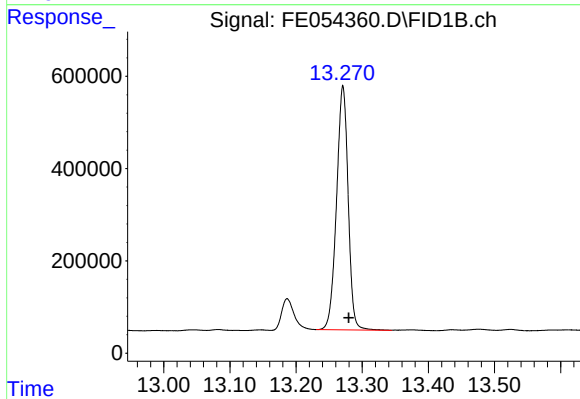
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.022 min
Response: 125794
Conc: 0.94 ug/ml



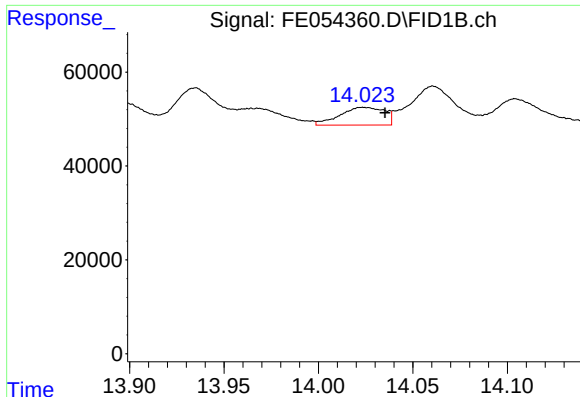
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.011 min
Response: 28257
Conc: 0.21 ug/ml



#12 1-chlorooctadecane (SURR)

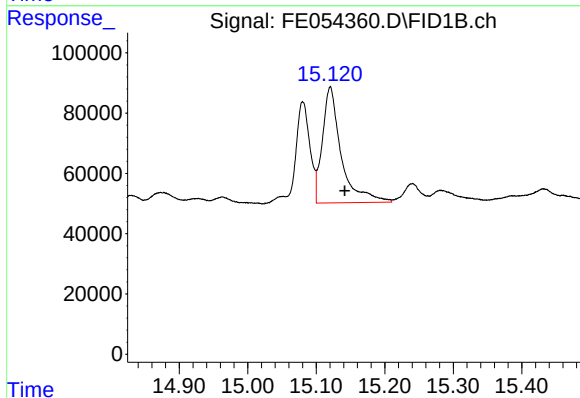
R.T.: 13.271 min
Delta R.T.: -0.009 min
Response: 6452864
Conc: 52.91 ug/ml



#13 n-Docosane (C22)

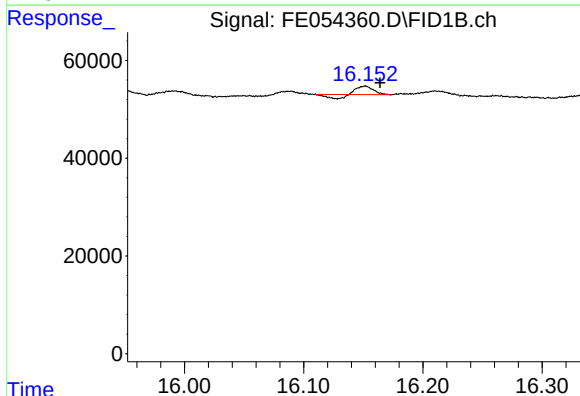
R.T.: 14.024 min
Delta R.T.: -0.011 min
Response: 62280
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1-EPH



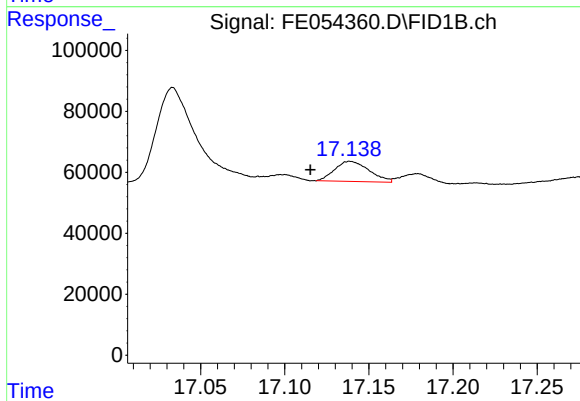
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.021 min
Response: 735541
Conc: 5.70 ug/ml



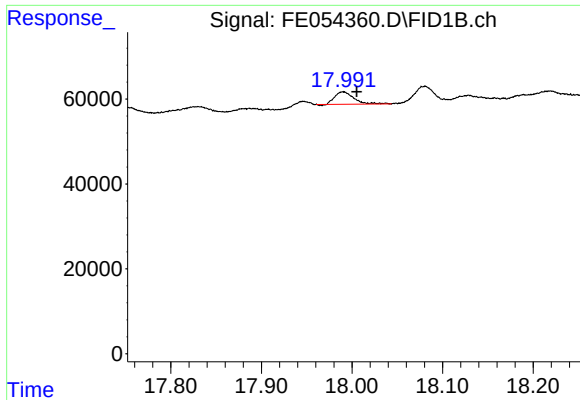
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 9123
Conc: 0.07 ug/ml



#16 n-Octacosane (C28)

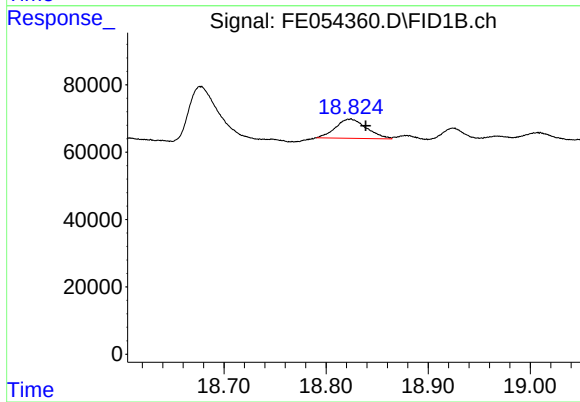
R.T.: 17.139 min
Delta R.T.: 0.024 min
Response: 94174
Conc: 0.77 ug/ml



#17 n-Tricontane (C30)

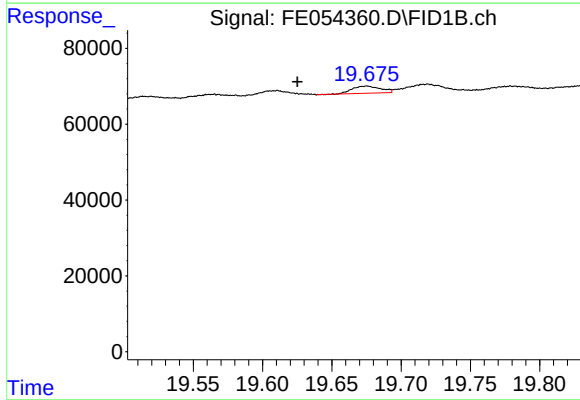
R.T.: 17.990 min
Delta R.T.: -0.015 min
Response: 42839
Conc: 0.35 ug/ml

Instrument :
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#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.015 min
Response: 120436
Conc: 0.96 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.050 min
Response: 26901
Conc: 0.22 ug/ml