

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012125AL\
 Data File : FE051982.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jan 2025 09:49
 Operator : YP\AJ
 Sample : Q1134-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 21 10:15:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.196	694142	4.857 ug/ml
Spiked Amount 50.000		Recovery =	9.71%
12) S 1-chlorooctadecane (S...	13.600	1419879	12.378 ug/ml
Spiked Amount 50.000		Recovery =	24.76%
Target Compounds			
4) T n-Dodecane (C12)	7.029	125981	1.116 ug/ml
6) T n-Tetradecane (C14)	8.835	105784	0.910 ug/ml
7) T n-Hexadecane (C16)	10.429	93210	0.739 ug/ml
11) T n-Heneicosane (C21)	13.787	127872	0.982 ug/ml
14) T n-Tetracosane (C24)	15.465	220588	1.661 ug/ml
16) T n-Octacosane (C28)	17.462	72696	0.551 ug/ml
17) T n-Tricontane (C30)	18.308	144798	1.062 ug/ml
18) T n-Dotriacontane (C32)	19.139	158621	1.210 ug/ml
19) T n-Tetratriacontane (C34)	19.922	80176	0.712 ug/ml

(f)=RT Delta > 1/2 Window

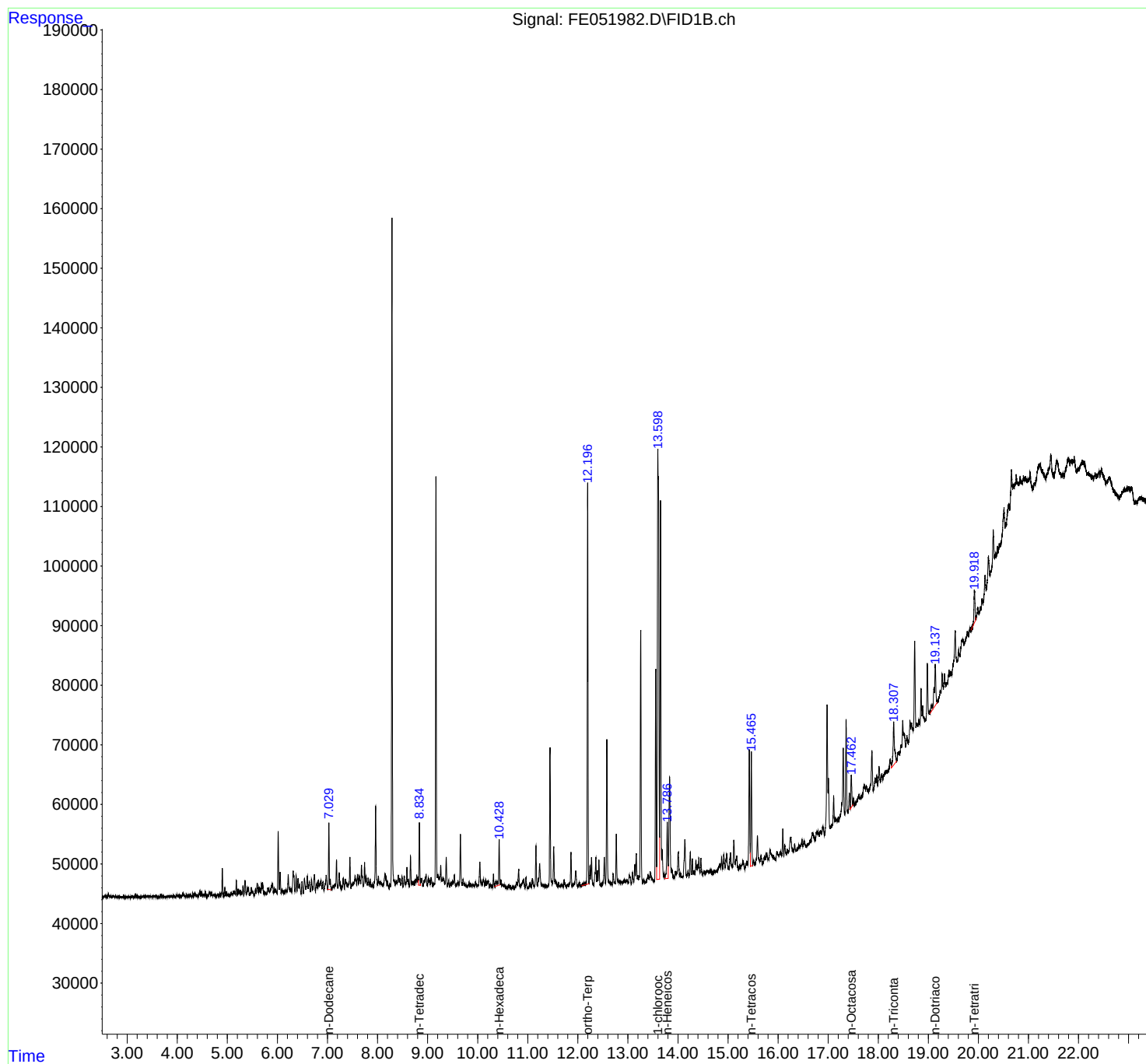
(m)=manual int.

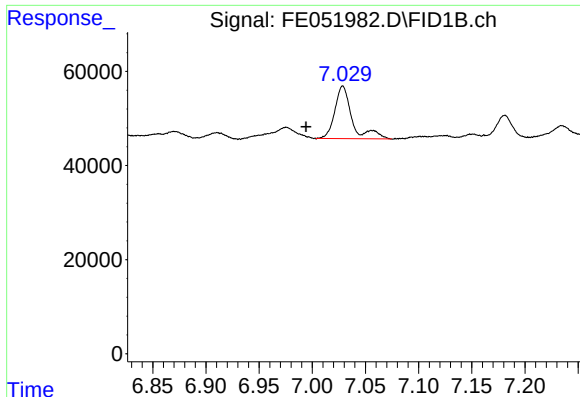
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Signal Info : 20M x 0.18mm x 0.18um

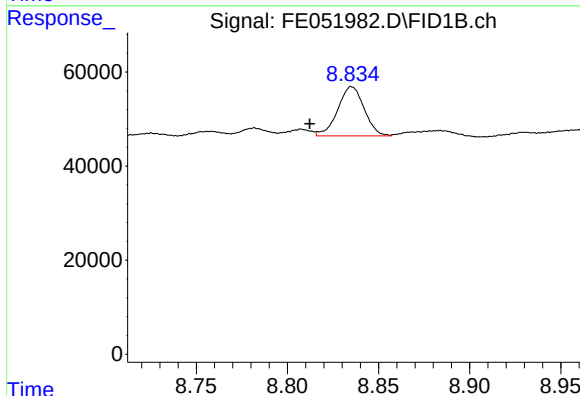




#4 n-Dodecane (C12)

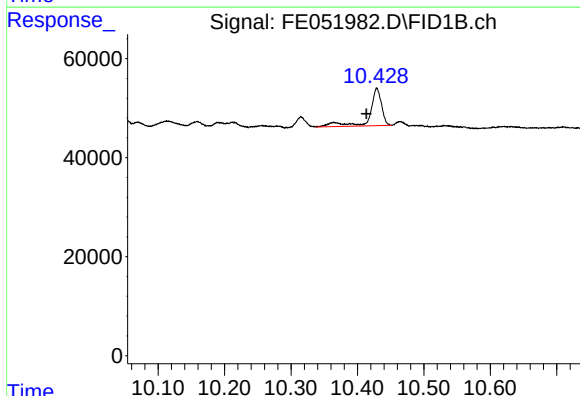
R.T.: 7.029 min
Delta R.T.: 0.034 min
Response: 125981
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :



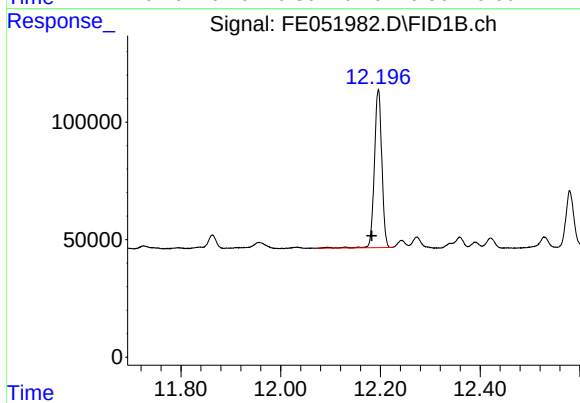
#6 n-Tetradecane (C14)

R.T.: 8.835 min
Delta R.T.: 0.023 min
Response: 105784
Conc: 0.91 ug/ml



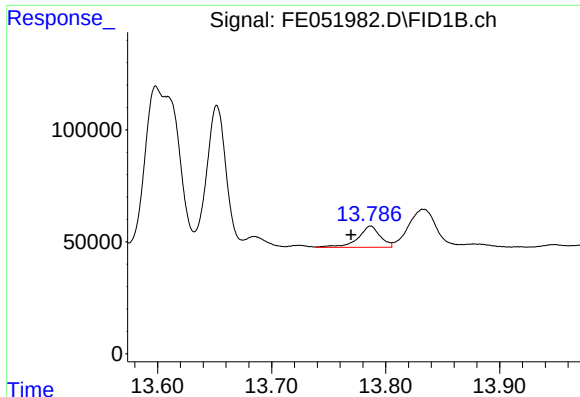
#7 n-Hexadecane (C16)

R.T.: 10.429 min
Delta R.T.: 0.016 min
Response: 93210
Conc: 0.74 ug/ml



#9 ortho-Terphenyl (SURR)

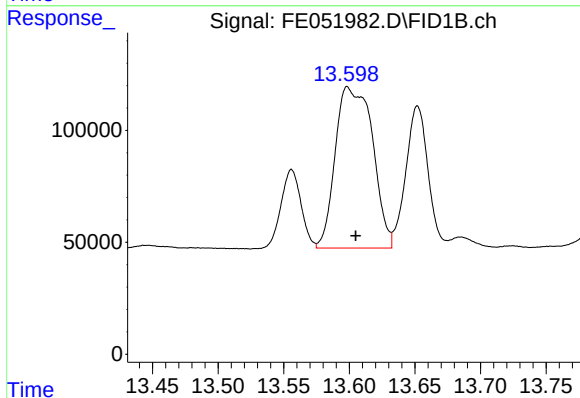
R.T.: 12.196 min
Delta R.T.: 0.013 min
Response: 694142
Conc: 4.86 ug/ml



#11 n-Heneicosane (C21)

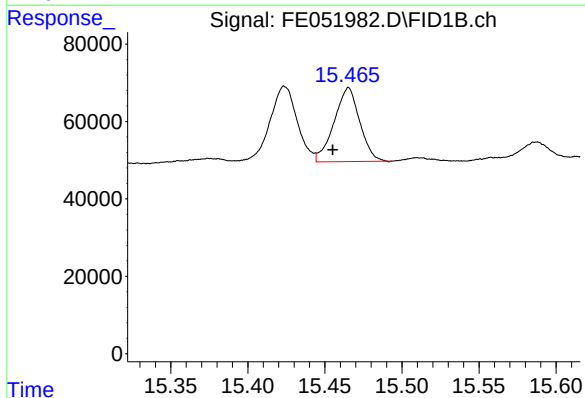
R.T.: 13.787 min
Delta R.T.: 0.017 min
Response: 127872
Conc: 0.98 ug/ml

Instrument :
FID_E
ClientSampleId :



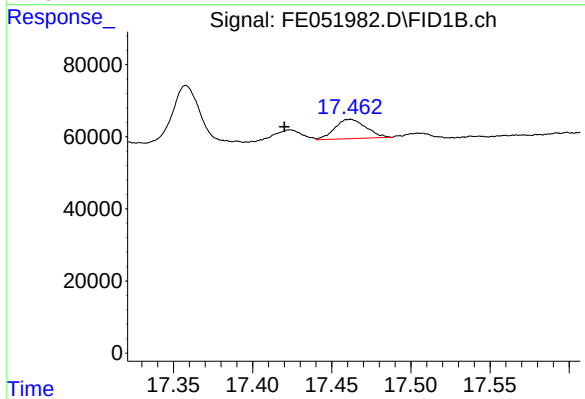
#12 1-chlorooctadecane (SURR)

R.T.: 13.600 min
Delta R.T.: -0.005 min
Response: 1419879
Conc: 12.38 ug/ml



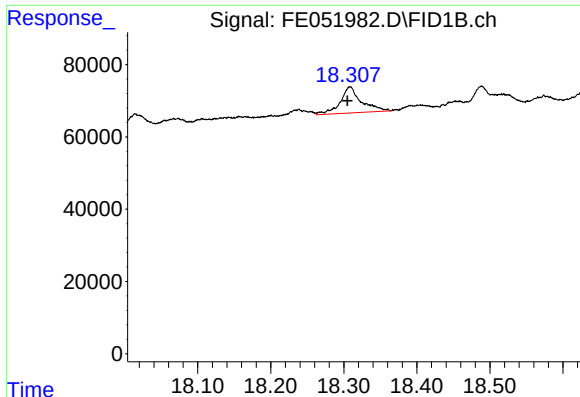
#14 n-Tetracosane (C24)

R.T.: 15.465 min
Delta R.T.: 0.010 min
Response: 220588
Conc: 1.66 ug/ml



#16 n-Octacosane (C28)

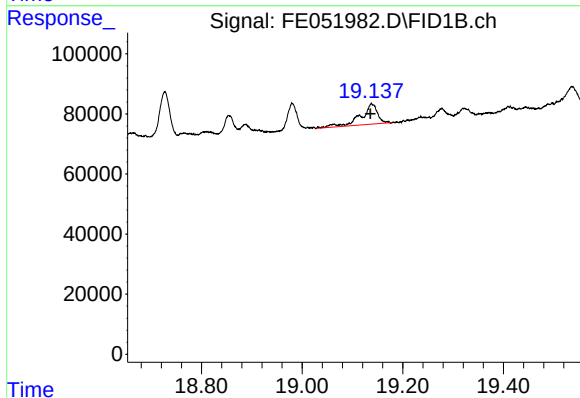
R.T.: 17.462 min
Delta R.T.: 0.042 min
Response: 72696
Conc: 0.55 ug/ml



#17 n-Tricontane (C30)

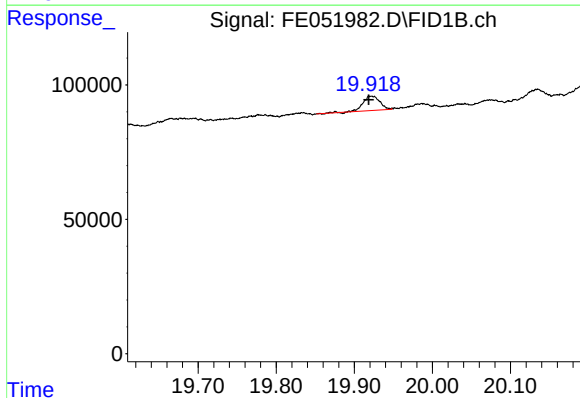
R.T.: 18.308 min
Delta R.T.: 0.003 min
Response: 144798
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 19.139 min
Delta R.T.: 0.003 min
Response: 158621
Conc: 1.21 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.922 min
Delta R.T.: 0.004 min
Response: 80176
Conc: 0.71 ug/ml