

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056596.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 21:30
 Operator : YP\AJ
 Sample : Q3488-02 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 31 01:25:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.978	1691990	8.099 ug/ml
Spiked Amount 50.000		Recovery =	16.20%
12) S 1-chlorooctadecane (S...	13.432	1789128	11.105 ug/ml
Spiked Amount 50.000		Recovery =	22.21%
Target Compounds			
2) T n-Decane (C10)	4.582	126999	0.740 ug/ml
4) T n-Dodecane (C12)	6.755	122017	0.702 ug/ml
6) T n-Tetradecane (C14)	8.591	228223	1.307 ug/ml
7) T n-Hexadecane (C16)	10.205	346798	1.896 ug/ml
8) T n-Octadecane (C18)	11.654	765767	4.046 ug/ml
10) T n-Eicosane (C20)	12.977	2043432	10.965 ug/ml
11) T n-Heneicosane (C21)	13.571	1346758	7.324 ug/ml
13) T n-Docosane (C22)	14.170	2627296	14.035 ug/ml
14) T n-Tetracosane (C24)	15.282	4071434	20.787 ug/ml
15) T n-Hexacosane (C26)	16.318	1917076	9.865 ug/ml
17) T n-Tricontane (C30)	18.164	1875261	9.353 ug/ml
18) T n-Dotriacontane (C32)	18.997	3304838	16.806 ug/ml

(f)=RT Delta > 1/2 Window

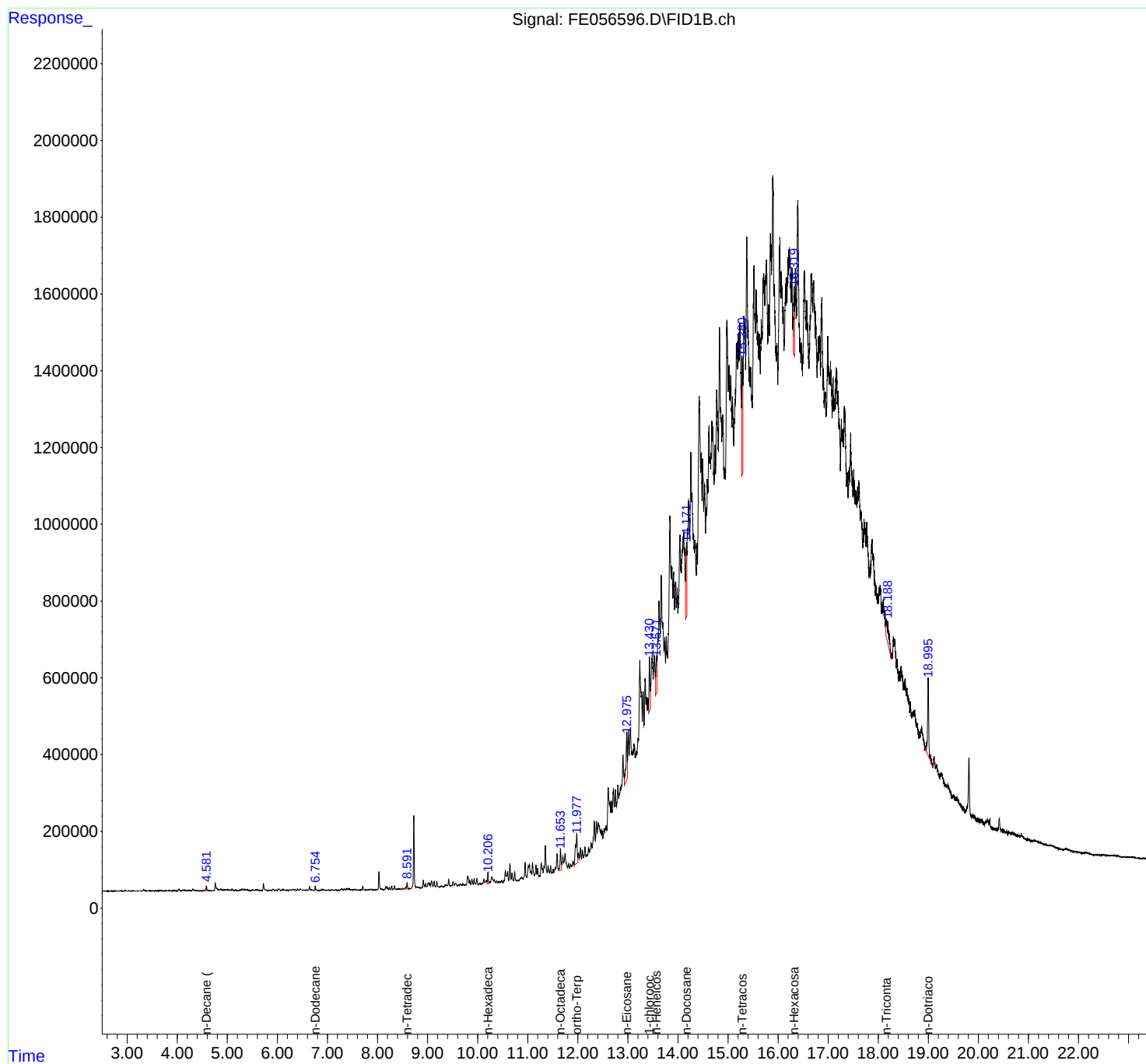
(m)=manual int.

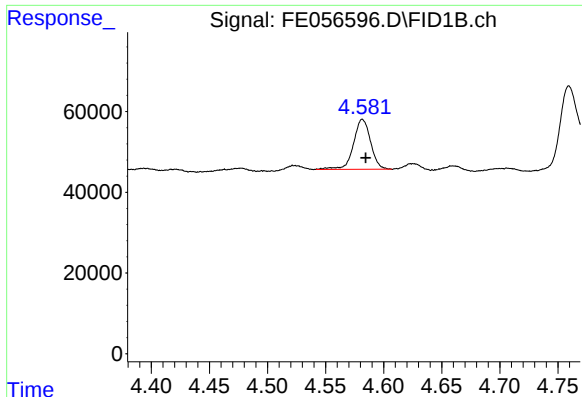
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Signal Info : 20M x 0.18mm x 0.18um

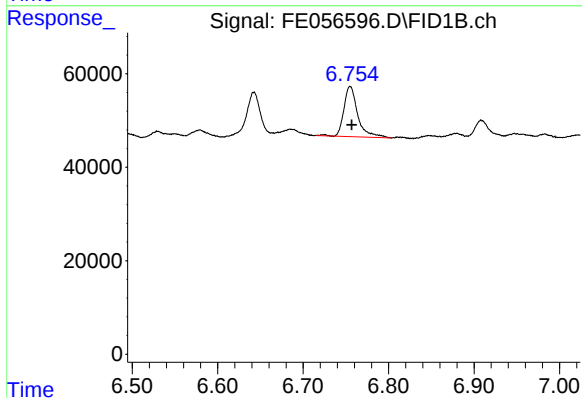




#2 n-Decane (C10)

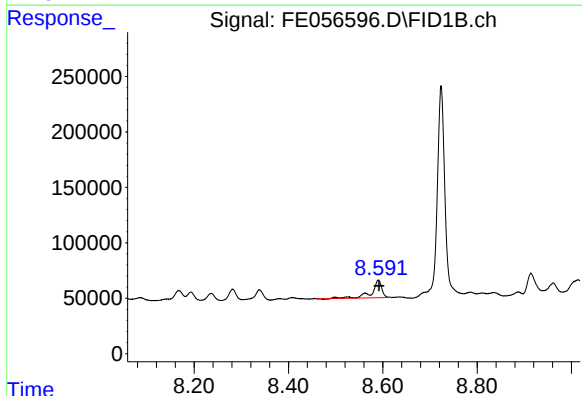
R.T.: 4.582 min
Delta R.T.: -0.003 min
Response: 126999
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :



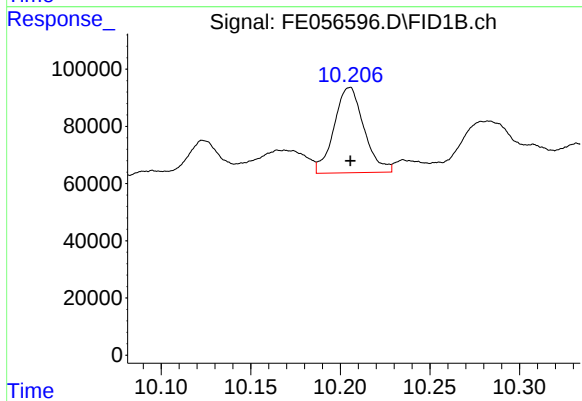
#4 n-Dodecane (C12)

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 122017
Conc: 0.70 ug/ml



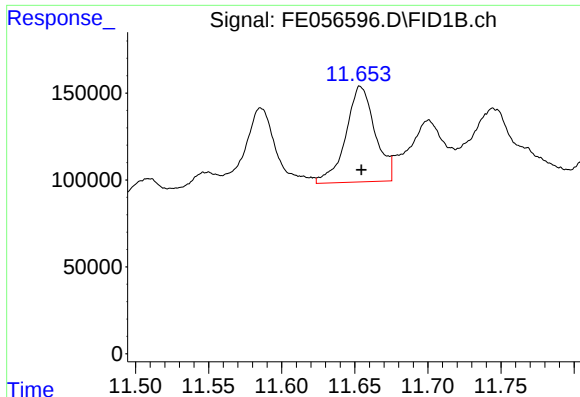
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.001 min
Response: 228223
Conc: 1.31 ug/ml



#7 n-Hexadecane (C16)

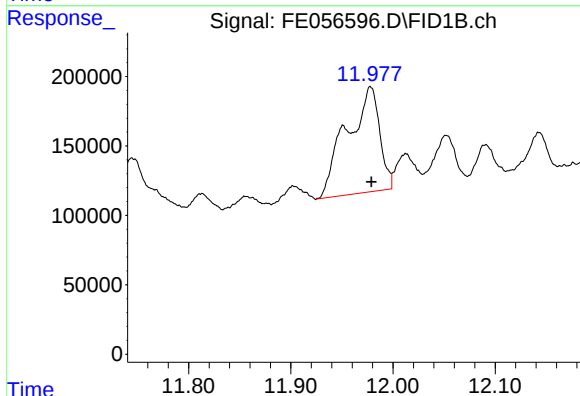
R.T.: 10.205 min
Delta R.T.: 0.000 min
Response: 346798
Conc: 1.90 ug/ml



#8 n-Octadecane (C18)

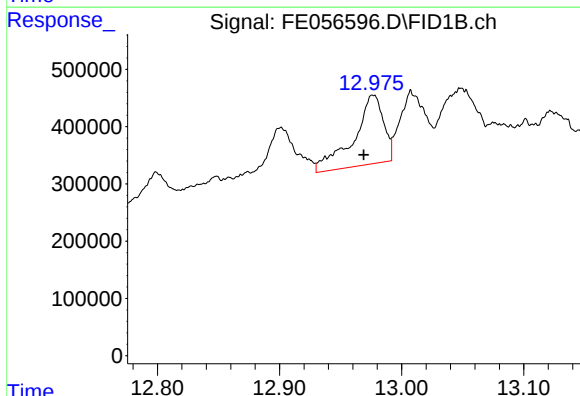
R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 765767
Conc: 4.05 ug/ml

Instrument :
FID_E
ClientSampleId :



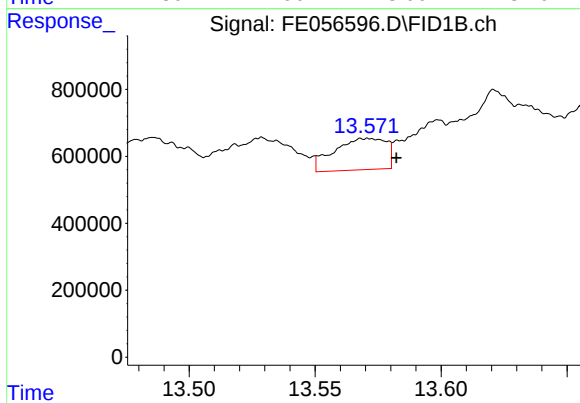
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.000 min
Response: 1691990
Conc: 8.10 ug/ml



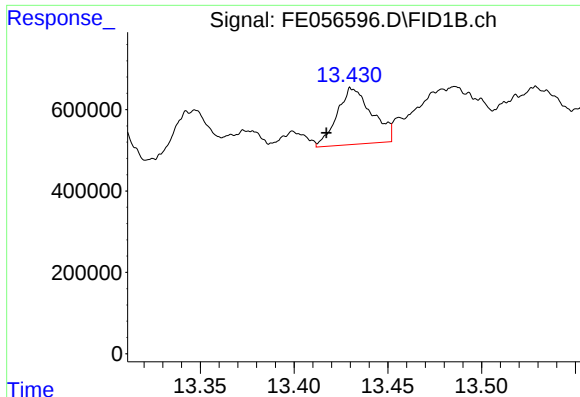
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.008 min
Response: 2043432
Conc: 10.96 ug/ml



#11 n-Heneicosane (C21)

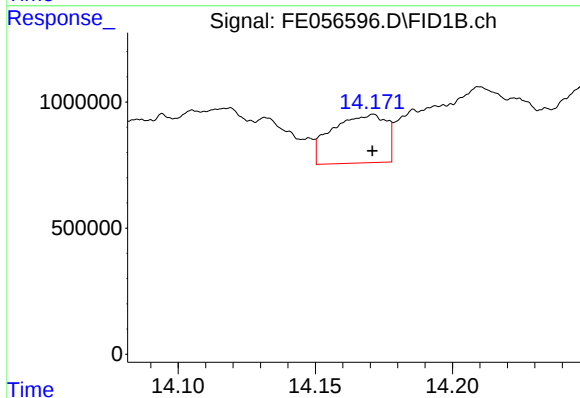
R.T.: 13.571 min
Delta R.T.: -0.011 min
Response: 1346758
Conc: 7.32 ug/ml



#12 1-chlorooctadecane (SURR)

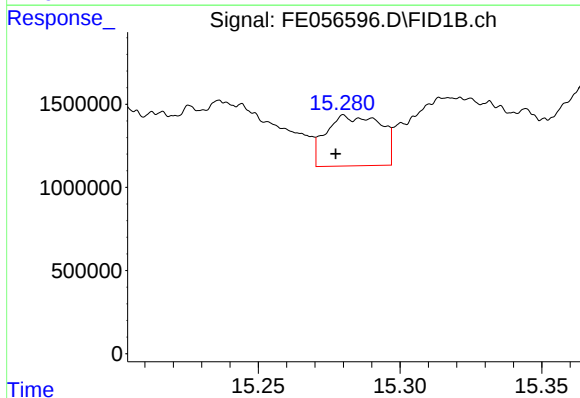
R.T.: 13.432 min
Delta R.T.: 0.015 min
Response: 1789128
Conc: 11.10 ug/ml

Instrument :
FID_E
ClientSampleId :



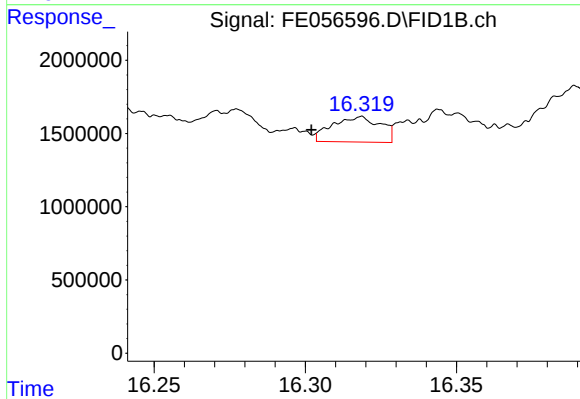
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.000 min
Response: 2627296
Conc: 14.03 ug/ml



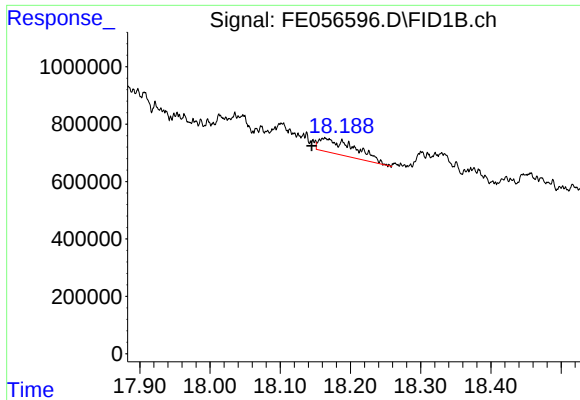
#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: 0.005 min
Response: 4071434
Conc: 20.79 ug/ml



#15 n-Hexacosane (C26)

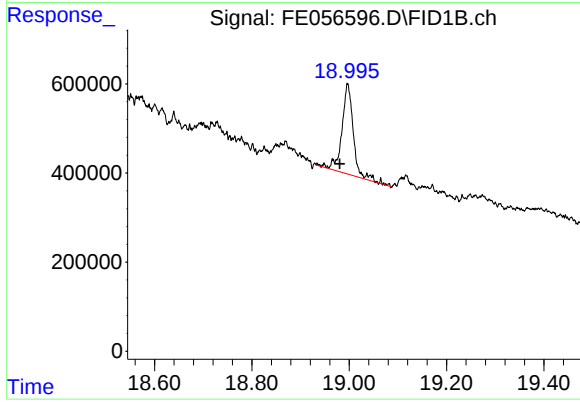
R.T.: 16.318 min
Delta R.T.: 0.016 min
Response: 1917076
Conc: 9.86 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.164 min
Delta R.T.: 0.019 min
Response: 1875261
Conc: 9.35 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.997 min
Delta R.T.: 0.016 min
Response: 3304838
Conc: 16.81 ug/ml