

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054980.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 10:20
 Operator : YP\AJ
 Sample : Q2658-01DL2 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 04:30:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.058	785048	4.834 ug/ml
Spiked Amount 50.000		Recovery =	9.67%
12) S 1-chlorooctadecane (S...	13.522	176285	1.396 ug/ml
Spiked Amount 50.000		Recovery =	2.79%
Target Compounds			
6) T n-Tetradecane (C14)	8.694	20481	0.148 ug/ml
7) T n-Hexadecane (C16)	10.314	119508	0.839 ug/ml
8) T n-Octadecane (C18)	11.756	464175	3.167 ug/ml
10) T n-Eicosane (C20)	13.075	198247	1.379 ug/ml
11) T n-Heneicosane (C21)	13.691	69454	0.486 ug/ml
13) T n-Docosane (C22)	14.268	36725	0.257 ug/ml
14) T n-Tetracosane (C24)	15.384	34117	0.235 ug/ml
16) T n-Octacosane (C28)	17.357	20887	0.143 ug/ml
17) T n-Tricontane (C30)	18.246	65816	0.418 ug/ml
18) T n-Dotriacontane (C32)	19.080	74963	0.463 ug/ml
19) T n-Tetratriacontane (C34)	19.865	61597	0.404 ug/ml

(f)=RT Delta > 1/2 Window

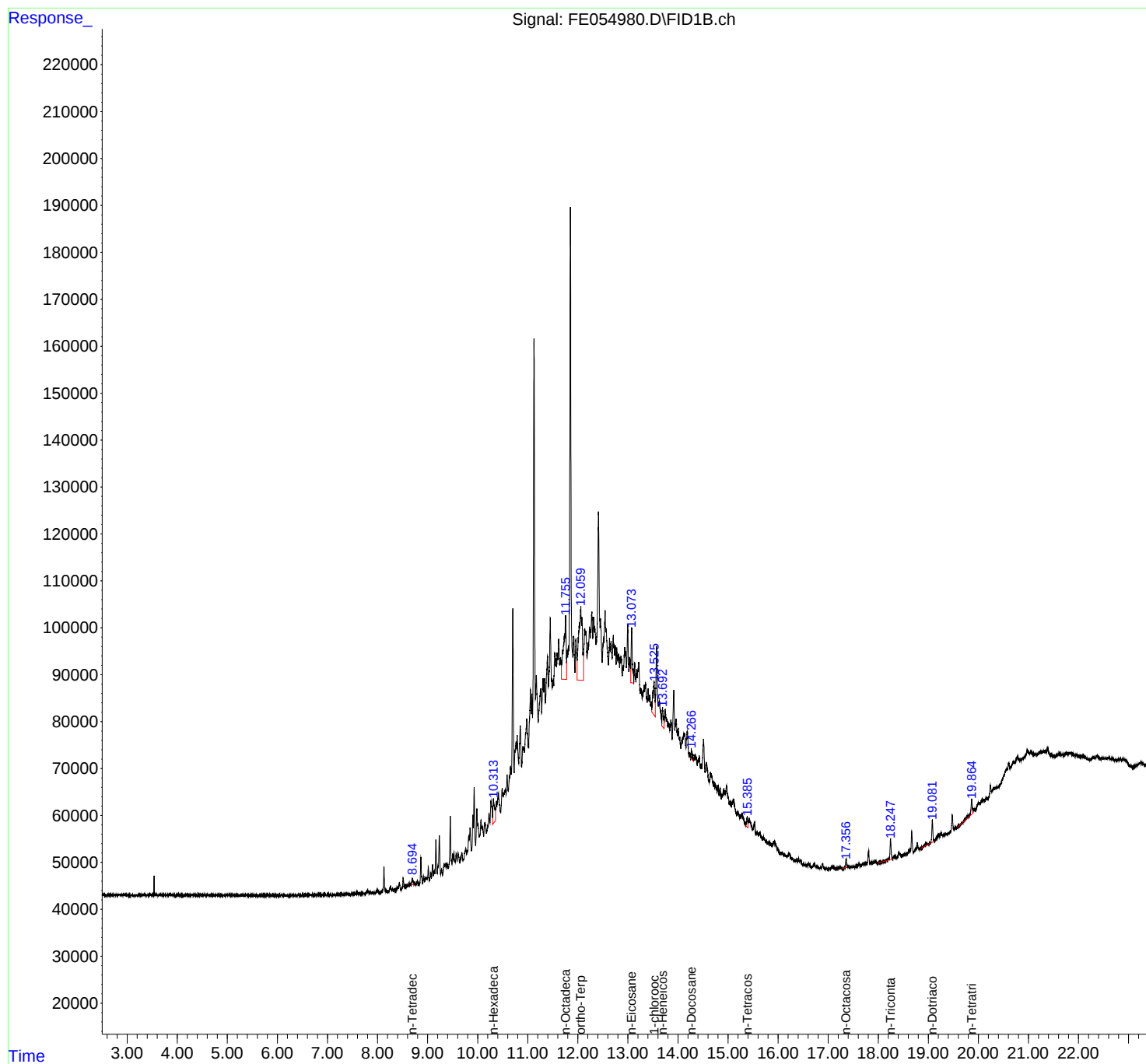
(m)=manual int.

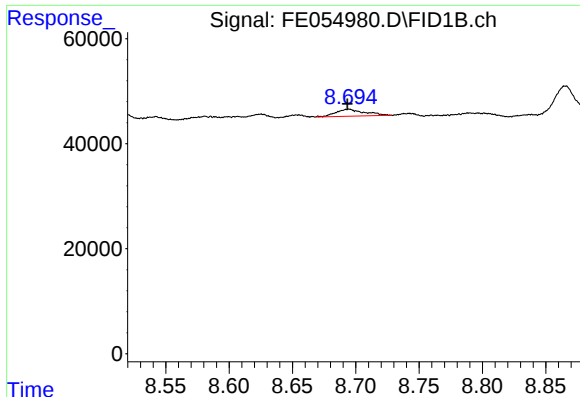
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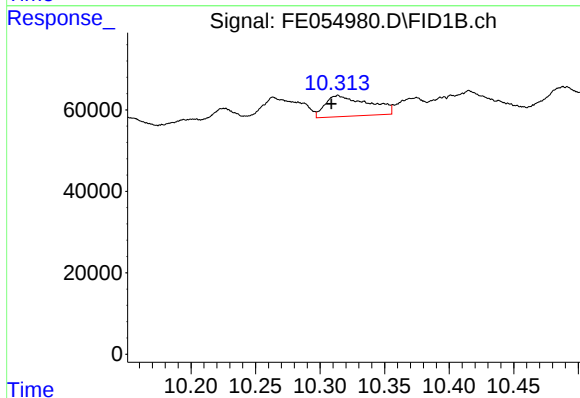




#6 n-Tetradecane (C14)

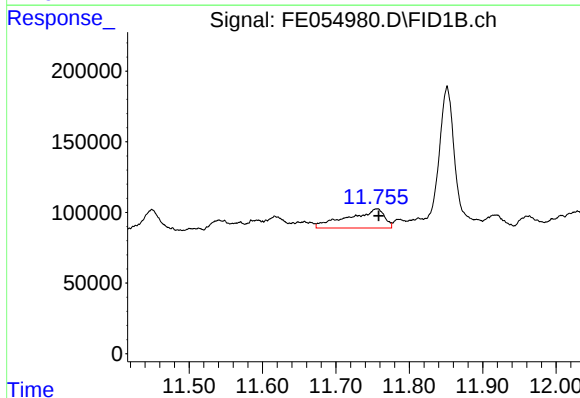
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 20481
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :



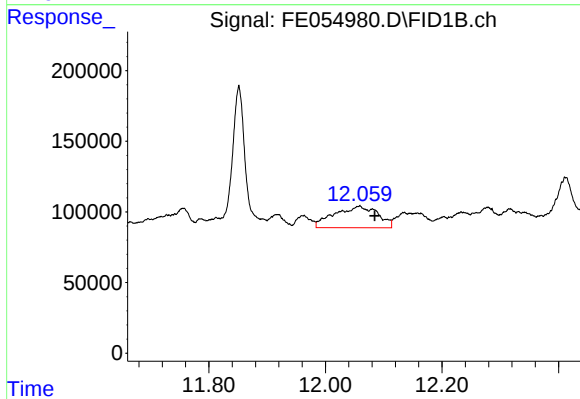
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.005 min
Response: 119508
Conc: 0.84 ug/ml



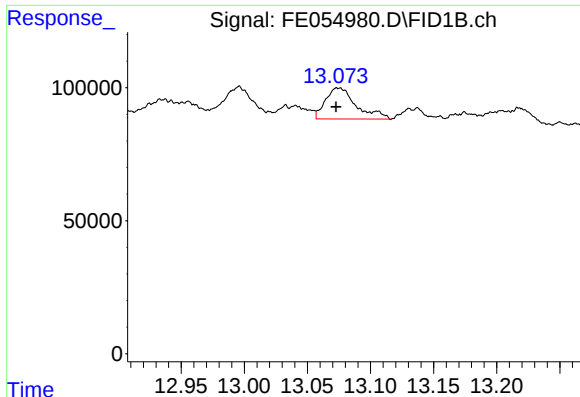
#8 n-Octadecane (C18)

R.T.: 11.756 min
Delta R.T.: -0.003 min
Response: 464175
Conc: 3.17 ug/ml



#9 ortho-Terphenyl (SURR)

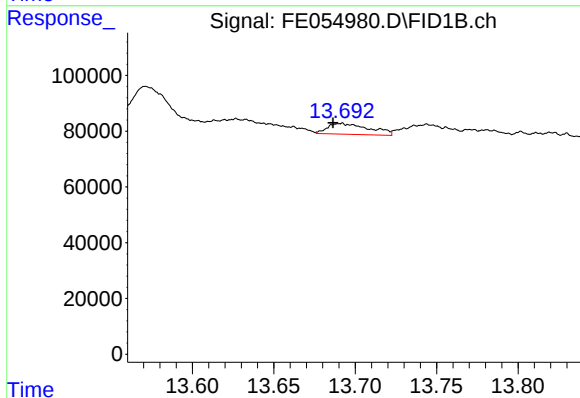
R.T.: 12.058 min
Delta R.T.: -0.027 min
Response: 785048
Conc: 4.83 ug/ml



#10 n-Eicosane (C20)

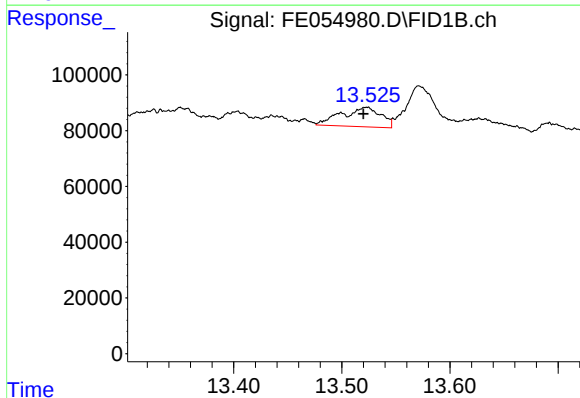
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 198247
Conc: 1.38 ug/ml

Instrument :
FID_E
ClientSampleId :



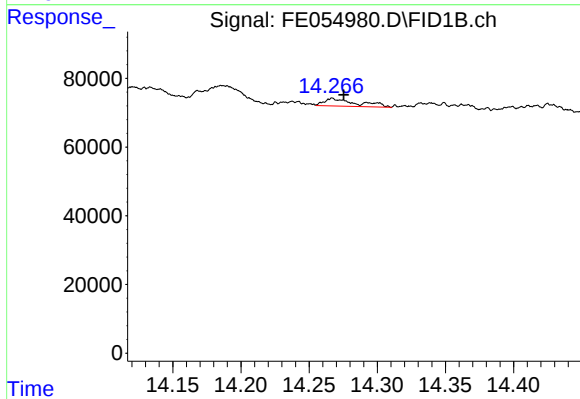
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 69454
Conc: 0.49 ug/ml



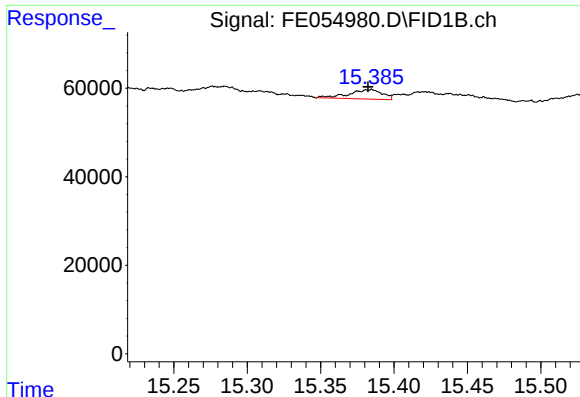
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 176285
Conc: 1.40 ug/ml



#13 n-Docosane (C22)

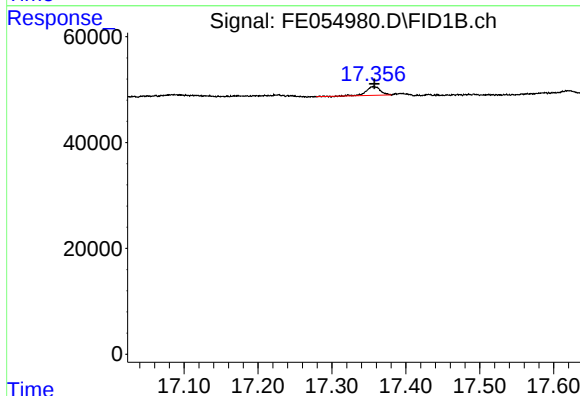
R.T.: 14.268 min
Delta R.T.: -0.008 min
Response: 36725
Conc: 0.26 ug/ml



#14 n-Tetracosane (C24)

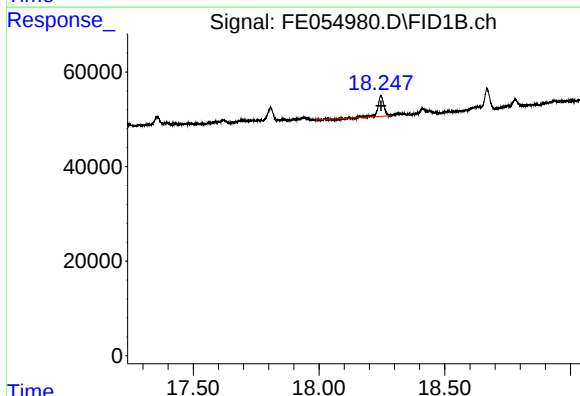
R.T.: 15.384 min
Delta R.T.: 0.001 min
Response: 34117
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



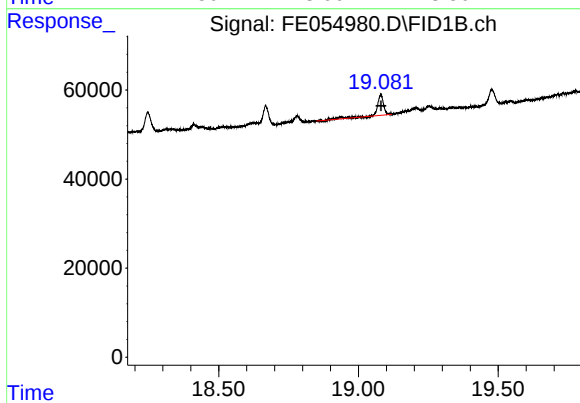
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: -0.001 min
Response: 20887
Conc: 0.14 ug/ml



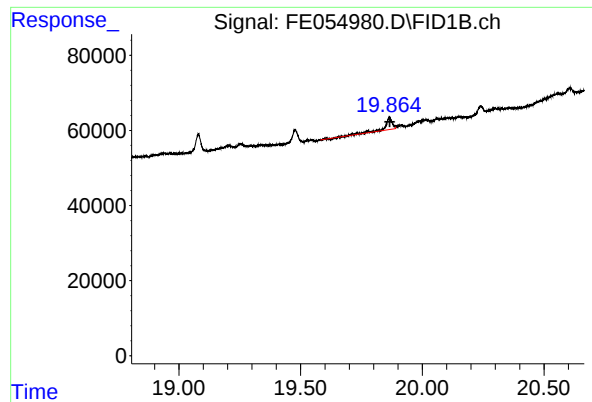
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 65816
Conc: 0.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 74963
Conc: 0.46 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 61597
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :