

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054284.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 13:16
 Operator : YP\AJ
 Sample : Q2248-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 10 13:43:09 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)	11.833	3143005	19.021 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.278	2638689	21.638 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
Target Compounds			
6) T n-Tetradecane (C14)	8.460	111195	0.859 ug/ml
7) T n-Hexadecane (C16)	10.071	150622	1.134 ug/ml
8) T n-Octadecane (C18)	11.518	200075	1.482 ug/ml
10) T n-Eicosane (C20)	12.829	320918	2.399 ug/ml
11) T n-Heneicosane (C21)	13.444	122240	0.919 ug/ml
13) T n-Docosane (C22)	14.033	158668	1.210 ug/ml
14) T n-Tetracosane (C24)	15.127	1188106	9.211 ug/ml
15) T n-Hexacosane (C26)	16.167	91693	0.730 ug/ml
16) T n-Octacosane (C28)	17.143	161137	1.314 ug/ml
17) T n-Tricontane (C30)	18.002	102205	0.825 ug/ml
18) T n-Dotriacontane (C32)	18.832	206398	1.643 ug/ml
19) T n-Tetratriacontane (C34)	19.624	80302	0.645 ug/ml
20) T n-Hexatriacontane (C36)	20.365	46399	0.360 ug/ml
21) T n-Octatriacontane (C38)	21.091	47068	0.356 ug/ml

(f)=RT Delta > 1/2 Window

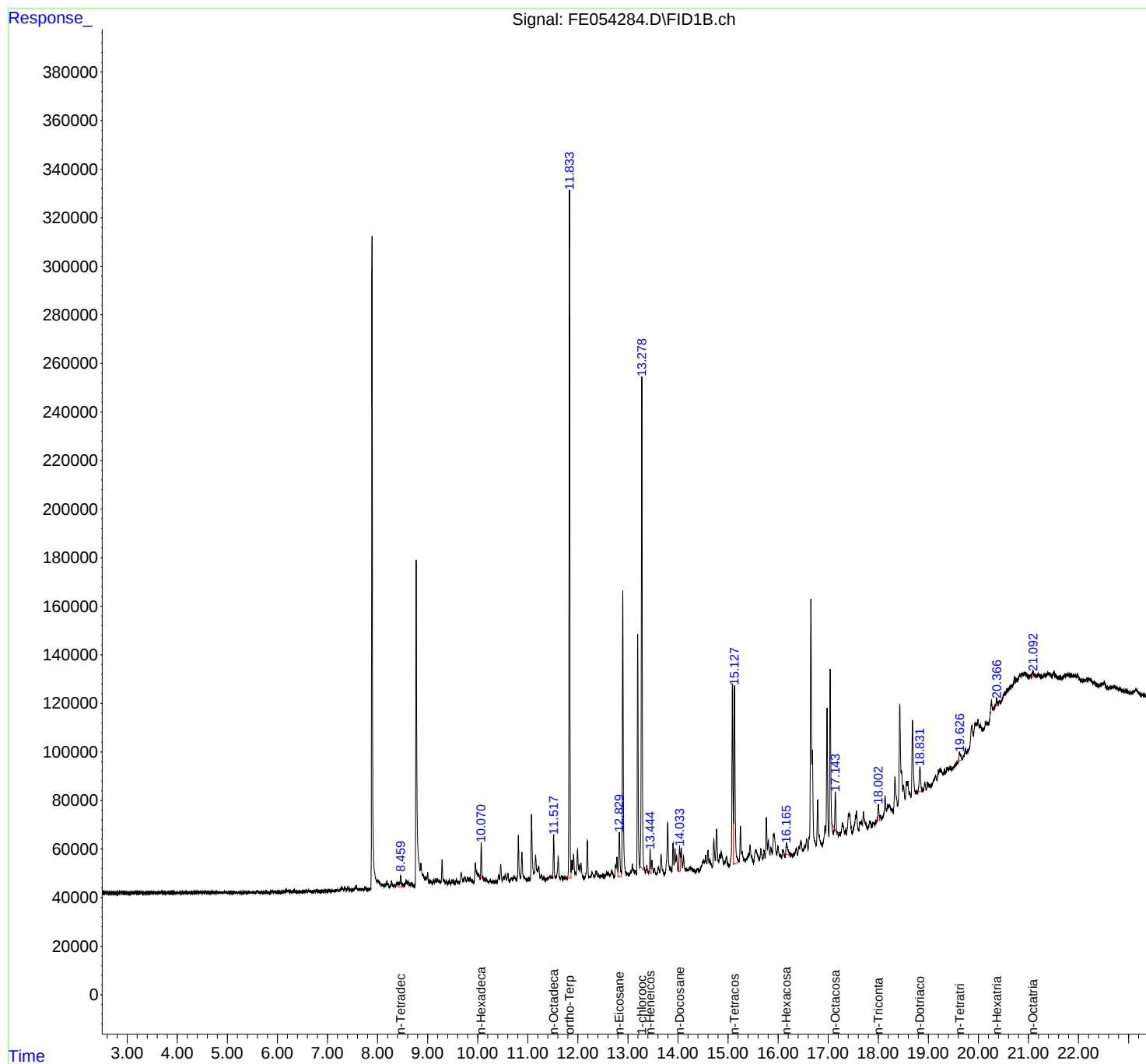
(m)=manual int.

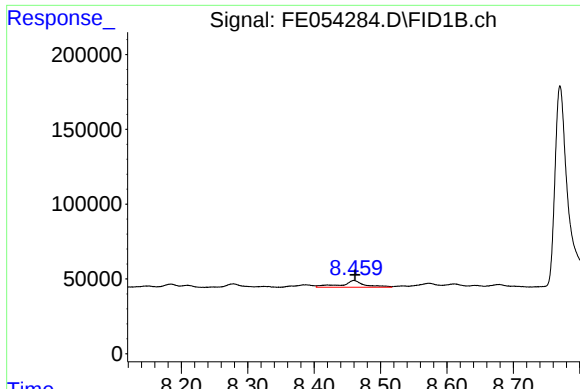
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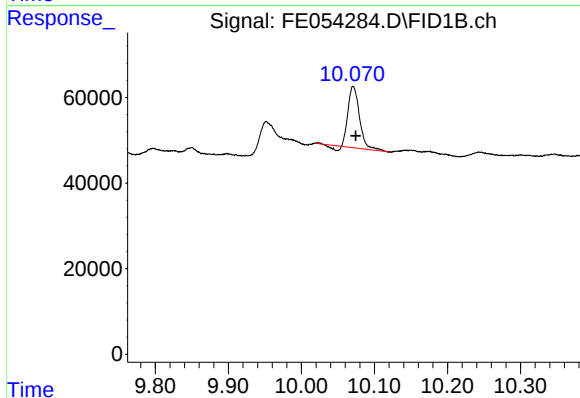




#6 n-Tetradecane (C14)

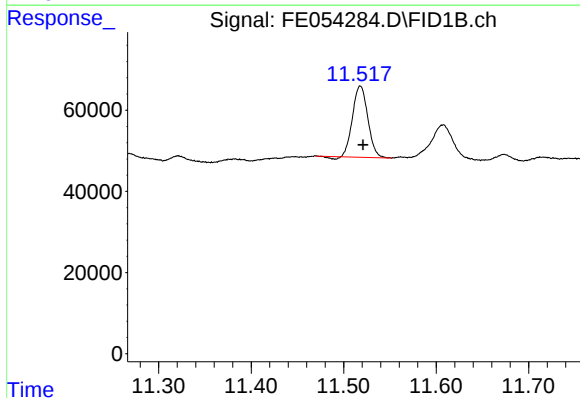
R.T.: 8.460 min
Delta R.T.: -0.001 min
Response: 111195
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :



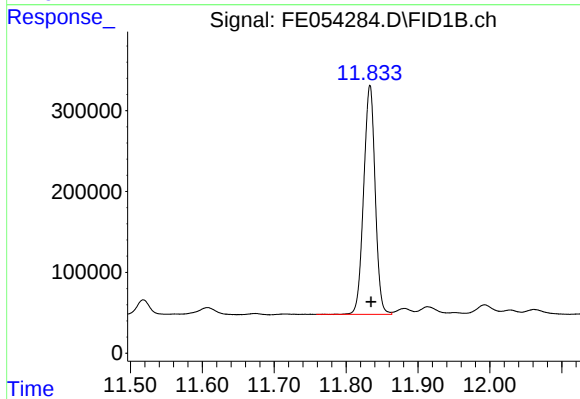
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.003 min
Response: 150622
Conc: 1.13 ug/ml



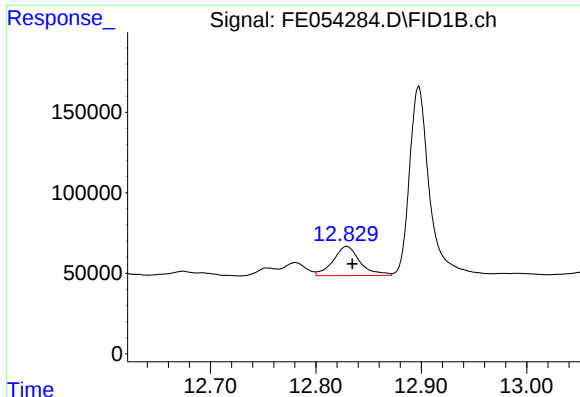
#8 n-Octadecane (C18)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 200075
Conc: 1.48 ug/ml



#9 ortho-Terphenyl (SURR)

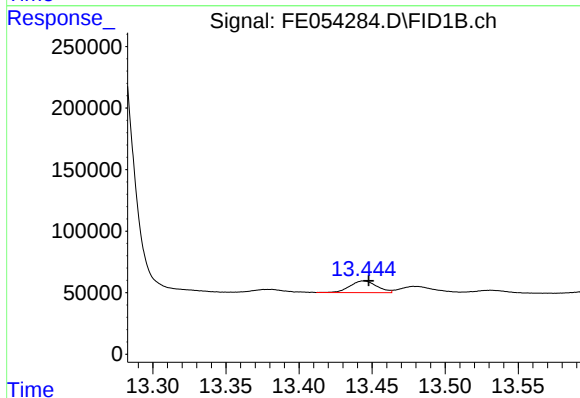
R.T.: 11.833 min
Delta R.T.: -0.002 min
Response: 3143005
Conc: 19.02 ug/ml



#10 n-Eicosane (C20)

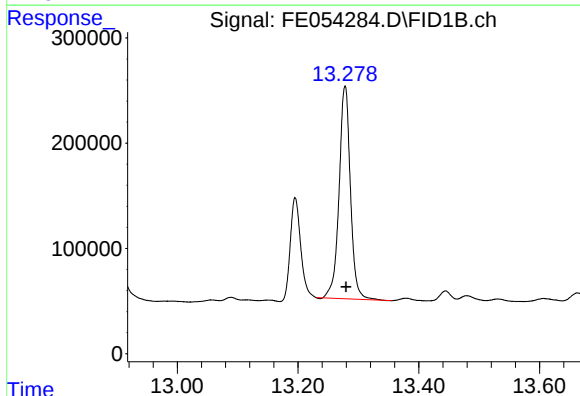
R.T.: 12.829 min
Delta R.T.: -0.005 min
Response: 320918
Conc: 2.40 ug/ml

Instrument :
FID_E
ClientSampleId :



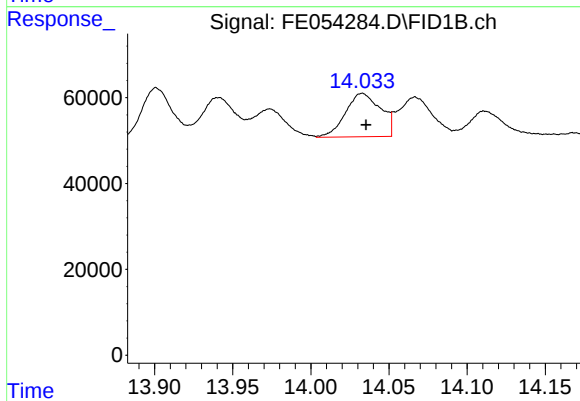
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.003 min
Response: 122240
Conc: 0.92 ug/ml



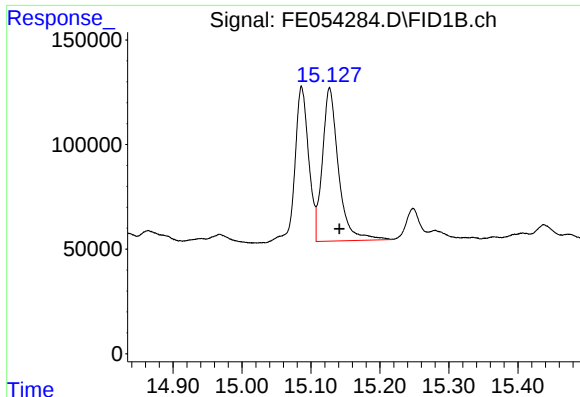
#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.002 min
Response: 2638689
Conc: 21.64 ug/ml



#13 n-Docosane (C22)

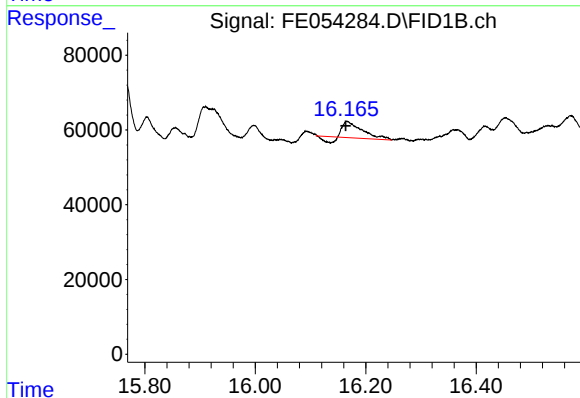
R.T.: 14.033 min
Delta R.T.: -0.002 min
Response: 158668
Conc: 1.21 ug/ml



#14 n-Tetracosane (C24)

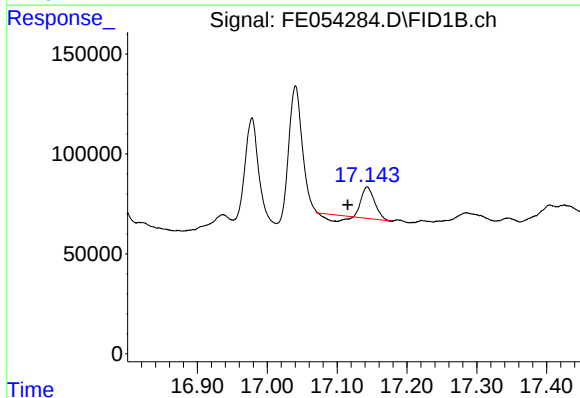
R.T.: 15.127 min
Delta R.T.: -0.014 min
Response: 1188106
Conc: 9.21 ug/ml

Instrument :
FID_E
ClientSampleId :



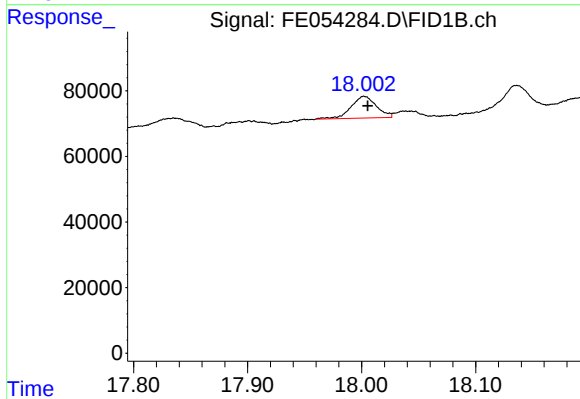
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: 0.003 min
Response: 91693
Conc: 0.73 ug/ml



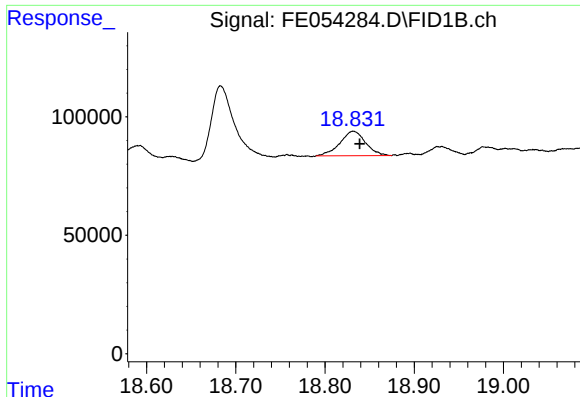
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.028 min
Response: 161137
Conc: 1.31 ug/ml



#17 n-Tricontane (C30)

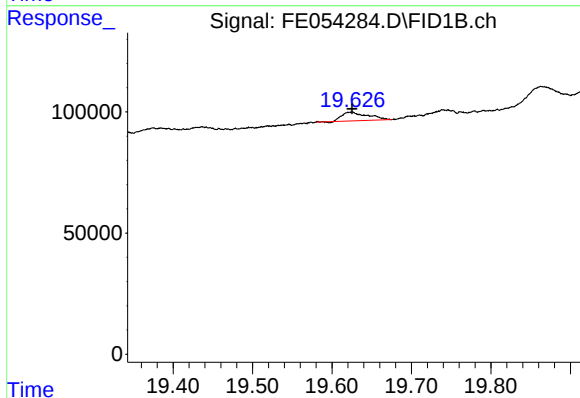
R.T.: 18.002 min
Delta R.T.: -0.003 min
Response: 102205
Conc: 0.82 ug/ml



#18 n-Dotriacontane (C32)

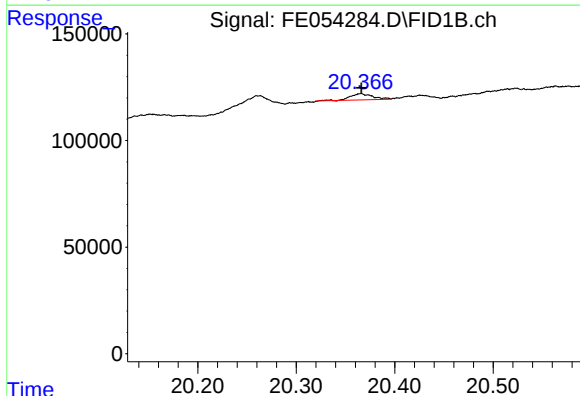
R.T.: 18.832 min
Delta R.T.: -0.007 min
Response: 206398
Conc: 1.64 ug/ml

Instrument :
FID_E
ClientSampleId :



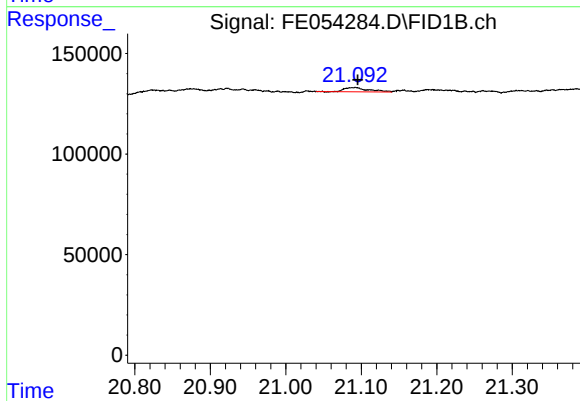
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.001 min
Response: 80302
Conc: 0.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.365 min
Delta R.T.: 0.000 min
Response: 46399
Conc: 0.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.004 min
Response: 47068
Conc: 0.36 ug/ml