

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044887.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 09:25
 Operator : YP\AJ
 Sample : 04892-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 17 10:47:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.904	1094314	5.459 ug/ml
Spiked Amount 50.000		Recovery =	10.92%
12) S 1-chlorooctadecane (S...	13.346	818740	5.533 ug/ml
Spiked Amount 50.000		Recovery =	11.07%
Target Compounds			
6) T n-Tetradecane (C14)	8.532	81821	0.477 ug/ml
7) T n-Hexadecane (C16)	10.143	51796	0.296 ug/ml
10) T n-Eicosane (C20)	12.957	65352	0.391 ug/ml
14) T n-Tetracosane (C24)	15.179	31285	0.202 ug/ml
17) T n-Tricontane (C30)	18.070	120909	0.813 ug/ml
18) T n-Dotriacontane (C32)	18.905	139710	0.931 ug/ml
19) T n-Tetratriacontane (C34)	19.691	50161	0.337 ug/ml
20) T n-Hexatriacontane (C36)	20.434	80931	0.526 ug/ml

(f)=RT Delta > 1/2 Window

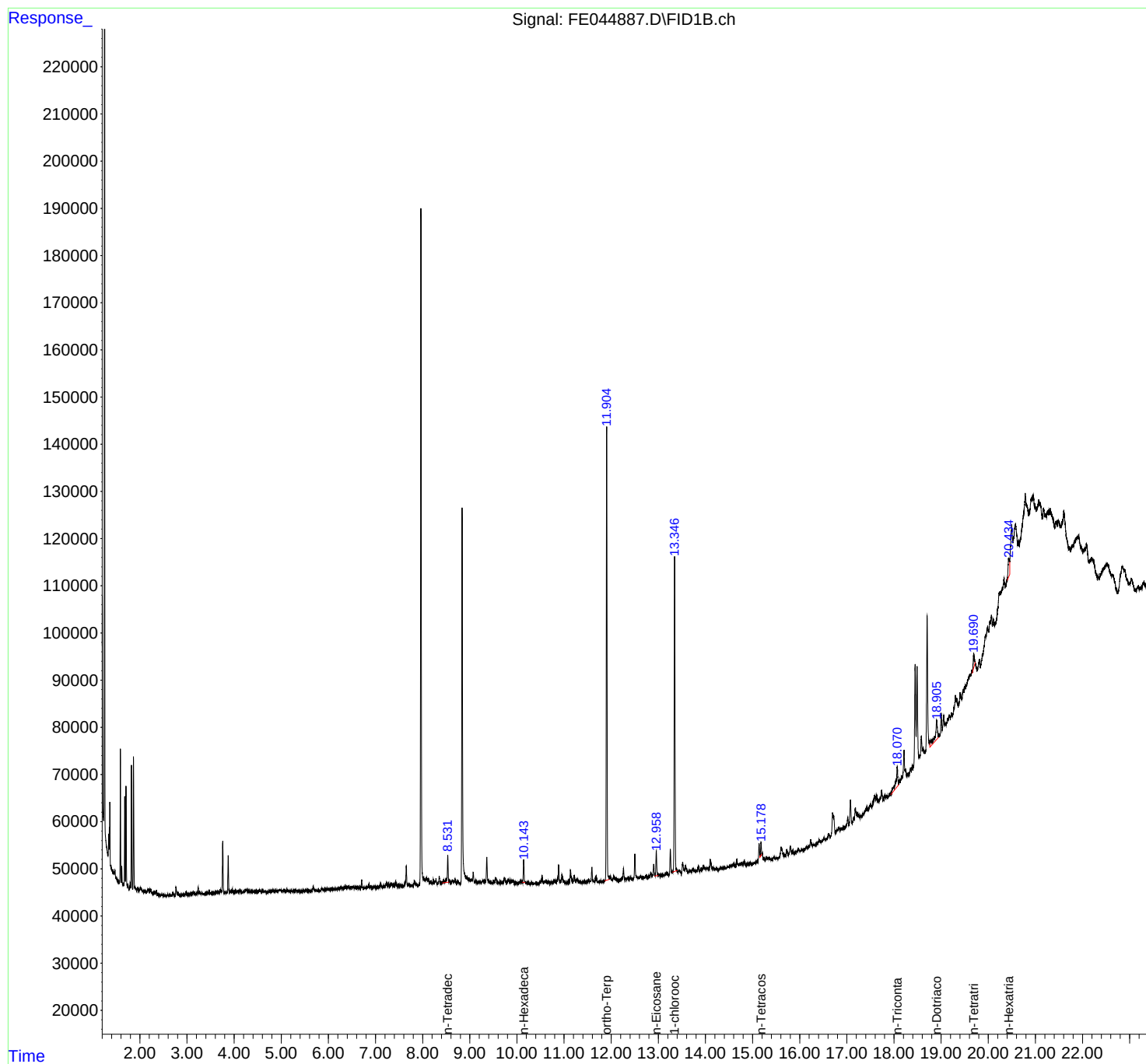
(m)=manual int.

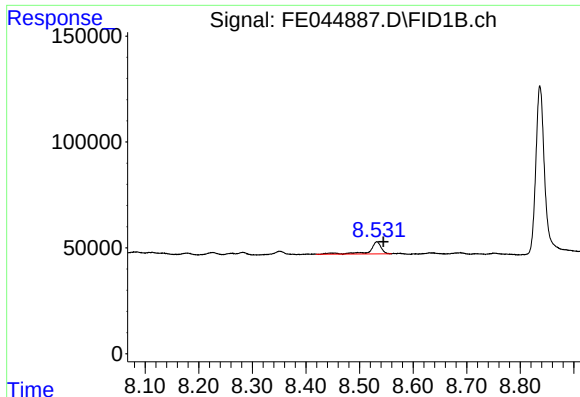
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

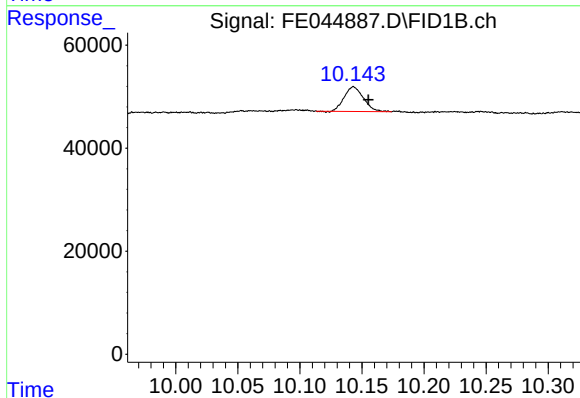




#6 n-Tetradecane (C14)

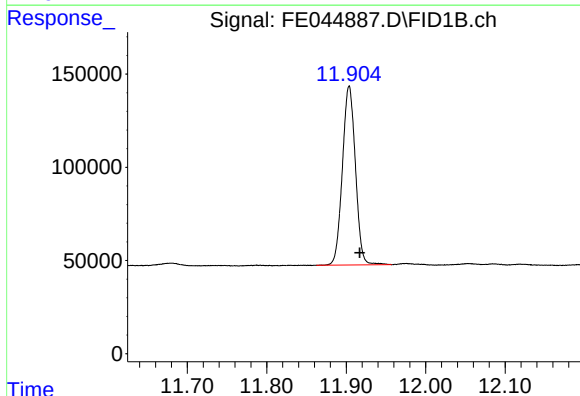
R.T.: 8.532 min
Delta R.T.: -0.012 min
Response: 81821
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



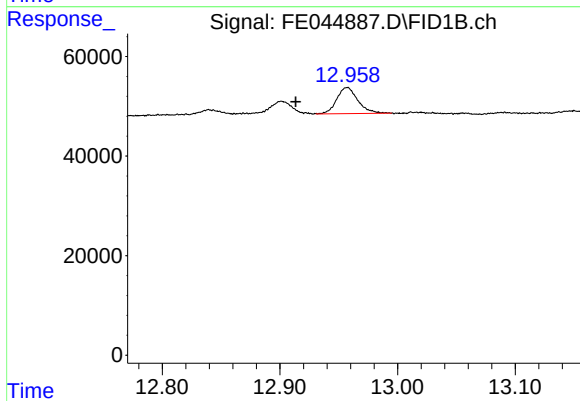
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.012 min
Response: 51796
Conc: 0.30 ug/ml



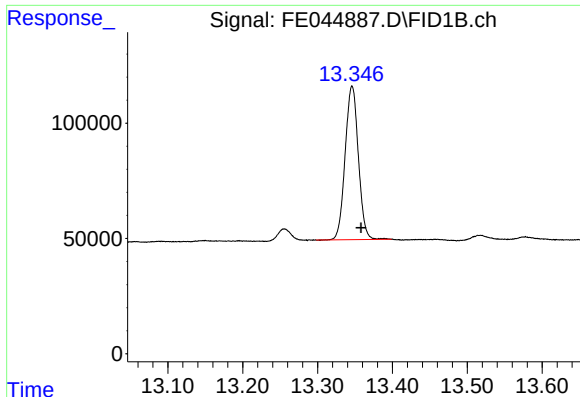
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.013 min
Response: 1094314
Conc: 5.46 ug/ml



#10 n-Eicosane (C20)

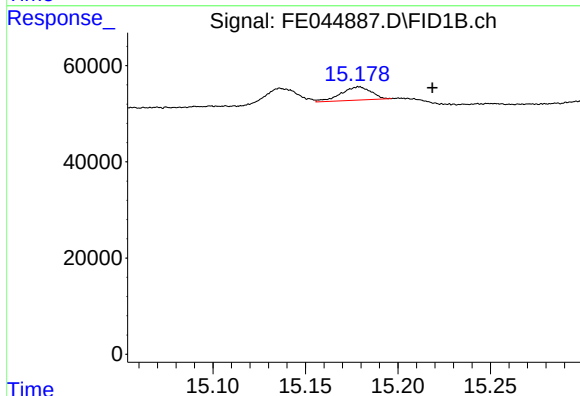
R.T.: 12.957 min
Delta R.T.: 0.044 min
Response: 65352
Conc: 0.39 ug/ml



#12 1-chlorooctadecane (SURR)

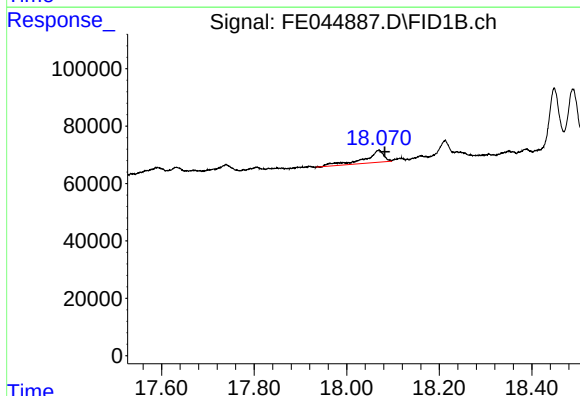
R.T.: 13.346 min
Delta R.T.: -0.012 min
Response: 818740
Conc: 5.53 ug/ml

Instrument :
FID_E
ClientSampleId :



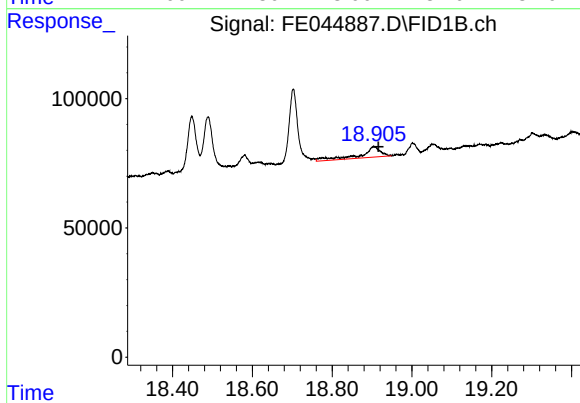
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.040 min
Response: 31285
Conc: 0.20 ug/ml



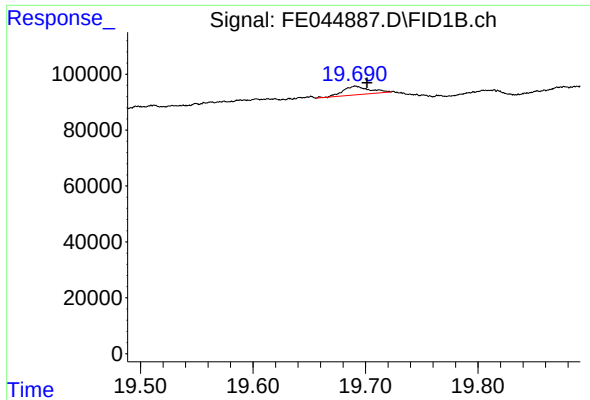
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.012 min
Response: 120909
Conc: 0.81 ug/ml



#18 n-Dotriacontane (C32)

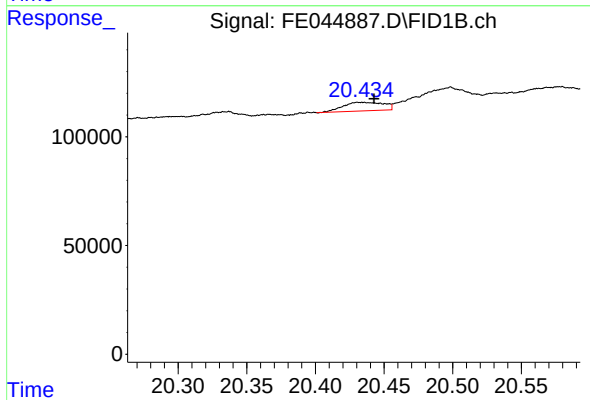
R.T.: 18.905 min
Delta R.T.: -0.011 min
Response: 139710
Conc: 0.93 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.010 min
Response: 50161
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.008 min
Response: 80931
Conc: 0.53 ug/ml