

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048294.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2024 21:07
 Operator : YP\AJ
 Sample : P2527-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 01:26:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.958	5666459	39.278 ug/ml
Spiked Amount 50.000		Recovery =	78.56%
12) S 1-chlorooctadecane (S...	13.392	4623175	41.374 ug/ml
Spiked Amount 50.000		Recovery =	82.75%
Target Compounds			
6) T n-Tetradecane (C14)	8.585	55223	0.417 ug/ml
7) T n-Hexadecane (C16)	10.191	124907	0.908 ug/ml
8) T n-Octadecane (C18)	11.634	116699	0.838 ug/ml
10) T n-Eicosane (C20)	12.943	87519	0.650 ug/ml
11) T n-Heneicosane (C21)	13.556	67051	0.507 ug/ml
13) T n-Docosane (C22)	14.140	44490	0.336 ug/ml
16) T n-Octacosane (C28)	17.260	92247	0.693 ug/ml
18) T n-Dotriacontane (C32)	18.926	71058	0.514 ug/ml

(f)=RT Delta > 1/2 Window

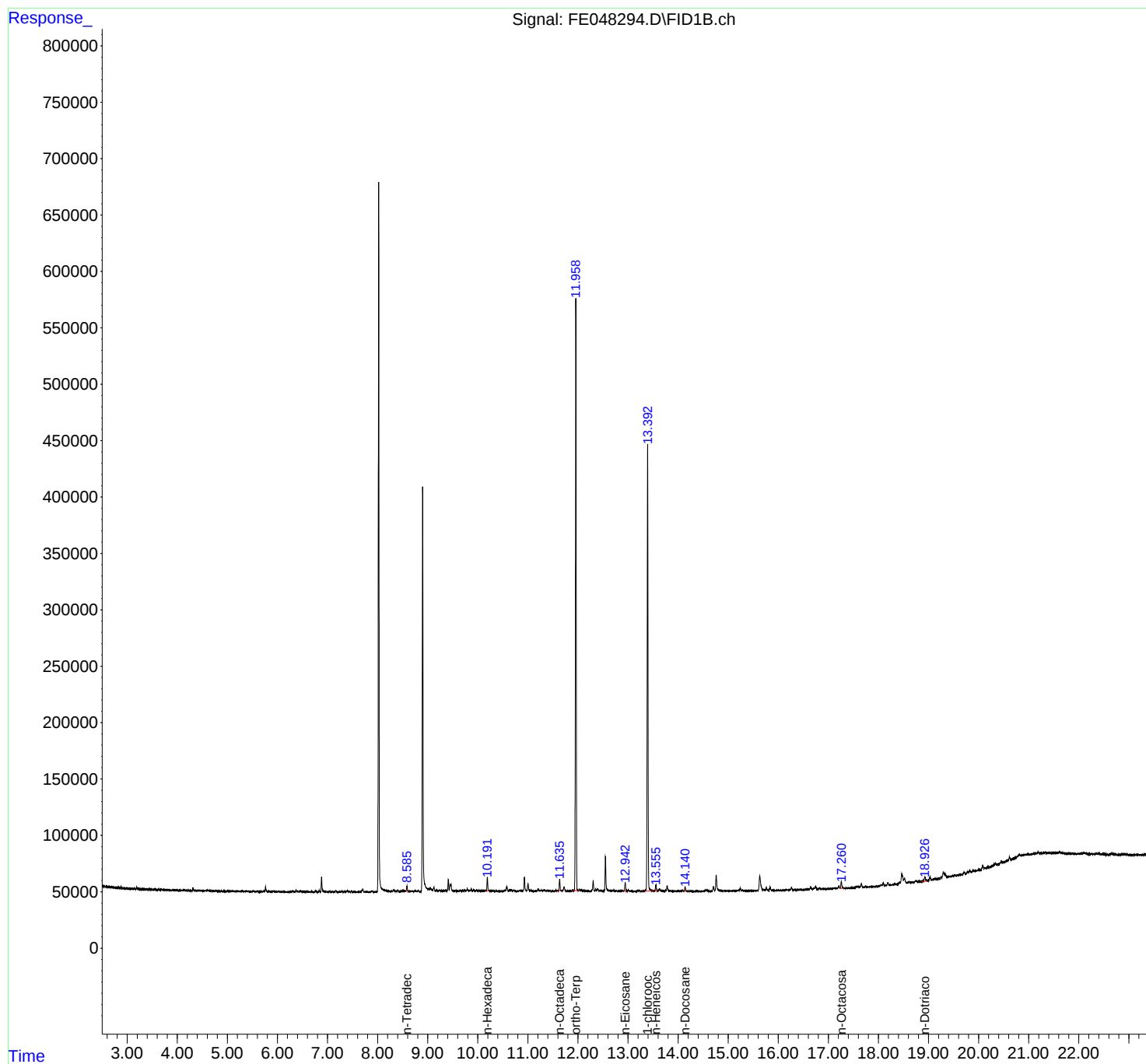
(m)=manual int.

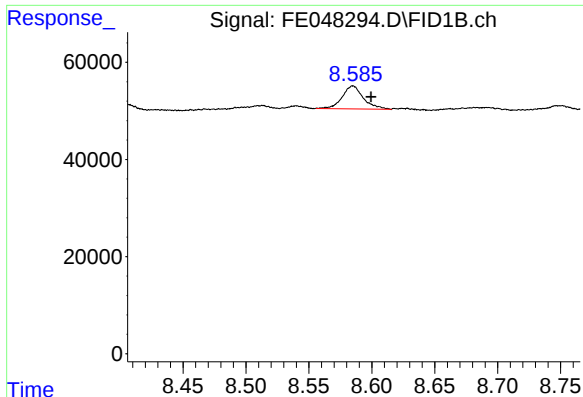
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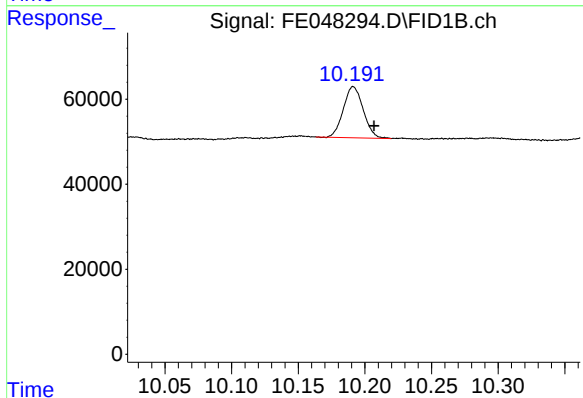




#6 n-Tetradecane (C14)

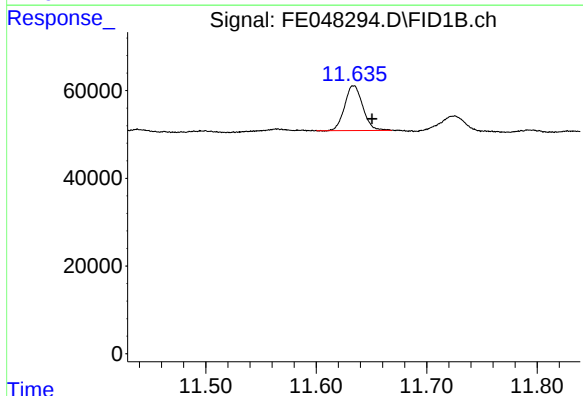
R.T.: 8.585 min
Delta R.T.: -0.014 min
Response: 55223
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



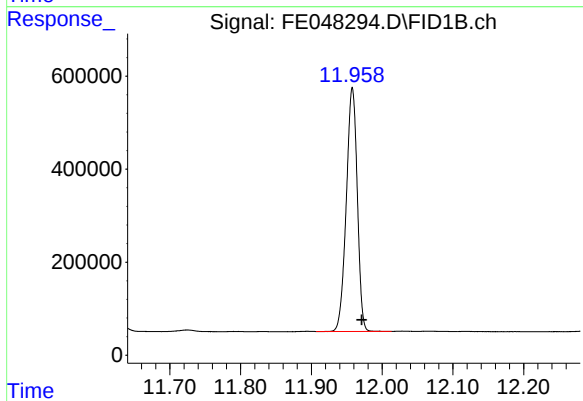
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.016 min
Response: 124907
Conc: 0.91 ug/ml



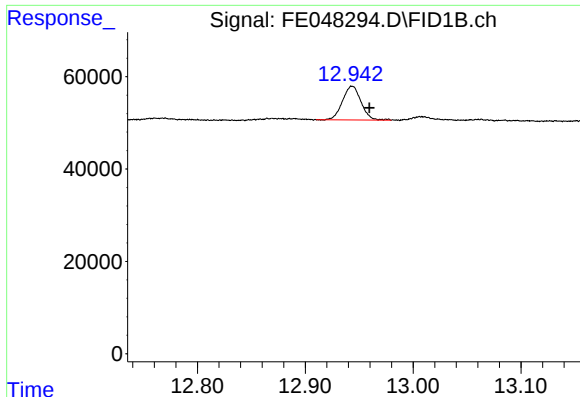
#8 n-Octadecane (C18)

R.T.: 11.634 min
Delta R.T.: -0.017 min
Response: 116699
Conc: 0.84 ug/ml



#9 ortho-Terphenyl (SURR)

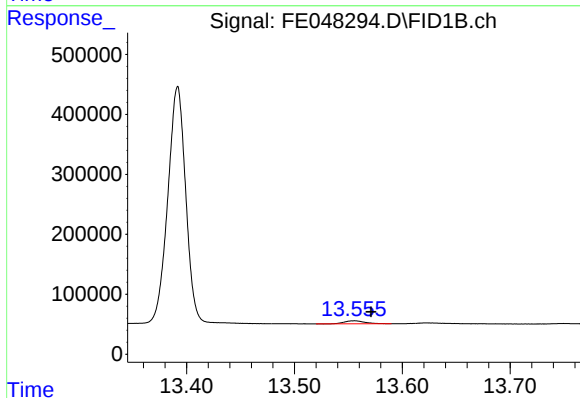
R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 5666459
Conc: 39.28 ug/ml



#10 n-Eicosane (C20)

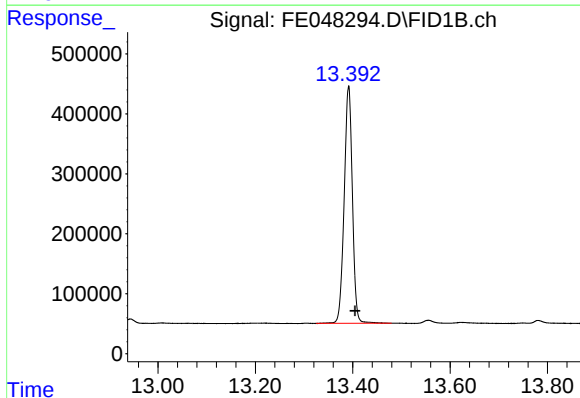
R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 87519
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :



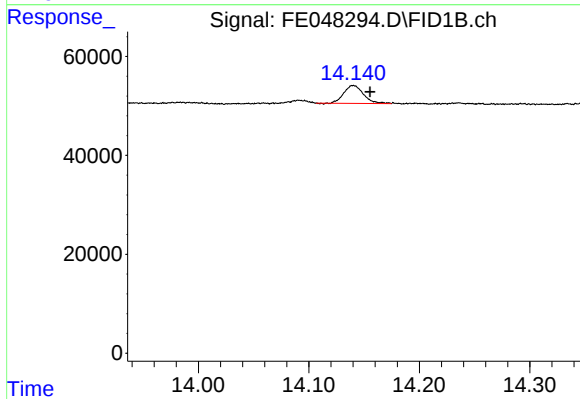
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.015 min
Response: 67051
Conc: 0.51 ug/ml



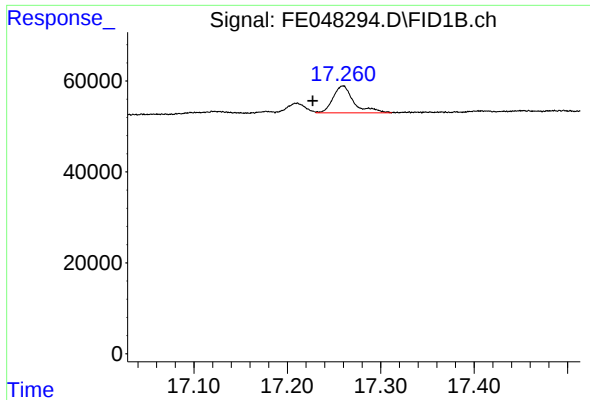
#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 4623175
Conc: 41.37 ug/ml



#13 n-Docosane (C22)

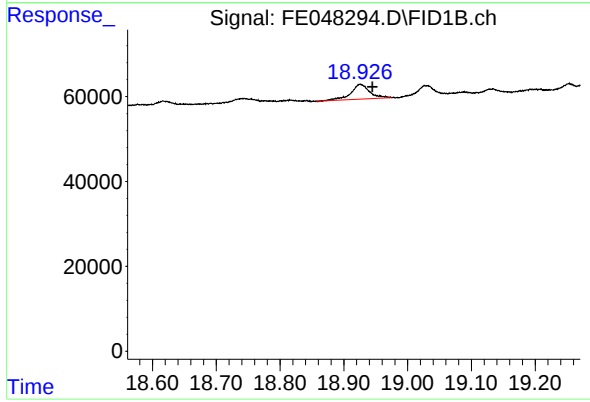
R.T.: 14.140 min
Delta R.T.: -0.015 min
Response: 44490
Conc: 0.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.260 min
Delta R.T.: 0.032 min
Response: 92247
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.019 min
Response: 71058
Conc: 0.51 ug/ml