

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052424AL\
 Data File : FE048383.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 10:58
 Operator : YP\AJ
 Sample : P2580-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 01:03:10 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)	11.955	812375	5.631 ug/ml
Spiked Amount 50.000		Recovery =	11.26%
12) S 1-chlorooctadecane (S...	13.378	5677328	50.808 ug/ml
Spiked Amount 50.000		Recovery =	101.62%
Target Compounds			
6) T n-Tetradecane (C14)	8.584	57831	0.436 ug/ml
7) T n-Hexadecane (C16)	10.192	92444	0.672 ug/ml
8) T n-Octadecane (C18)	11.634	86858	0.624 ug/ml
10) T n-Eicosane (C20)	12.944	72135	0.536 ug/ml
11) T n-Heneicosane (C21)	13.566	117972	0.891 ug/ml
13) T n-Docosane (C22)	14.142	42065	0.317 ug/ml
14) T n-Tetracosane (C24)	15.240	68251	0.513 ug/ml
16) T n-Octacosane (C28)	17.212	21984	0.165 ug/ml
17) T n-Tricontane (C30)	18.100	91046	0.660 ug/ml
18) T n-Dotriacontane (C32)	18.931	137286	0.994 ug/ml
19) T n-Tetratriacontane (C34)	19.715	34534	0.254 ug/ml
20) T n-Hexatriacontane (C36)	20.456	100999	0.746 ug/ml

(f)=RT Delta > 1/2 Window

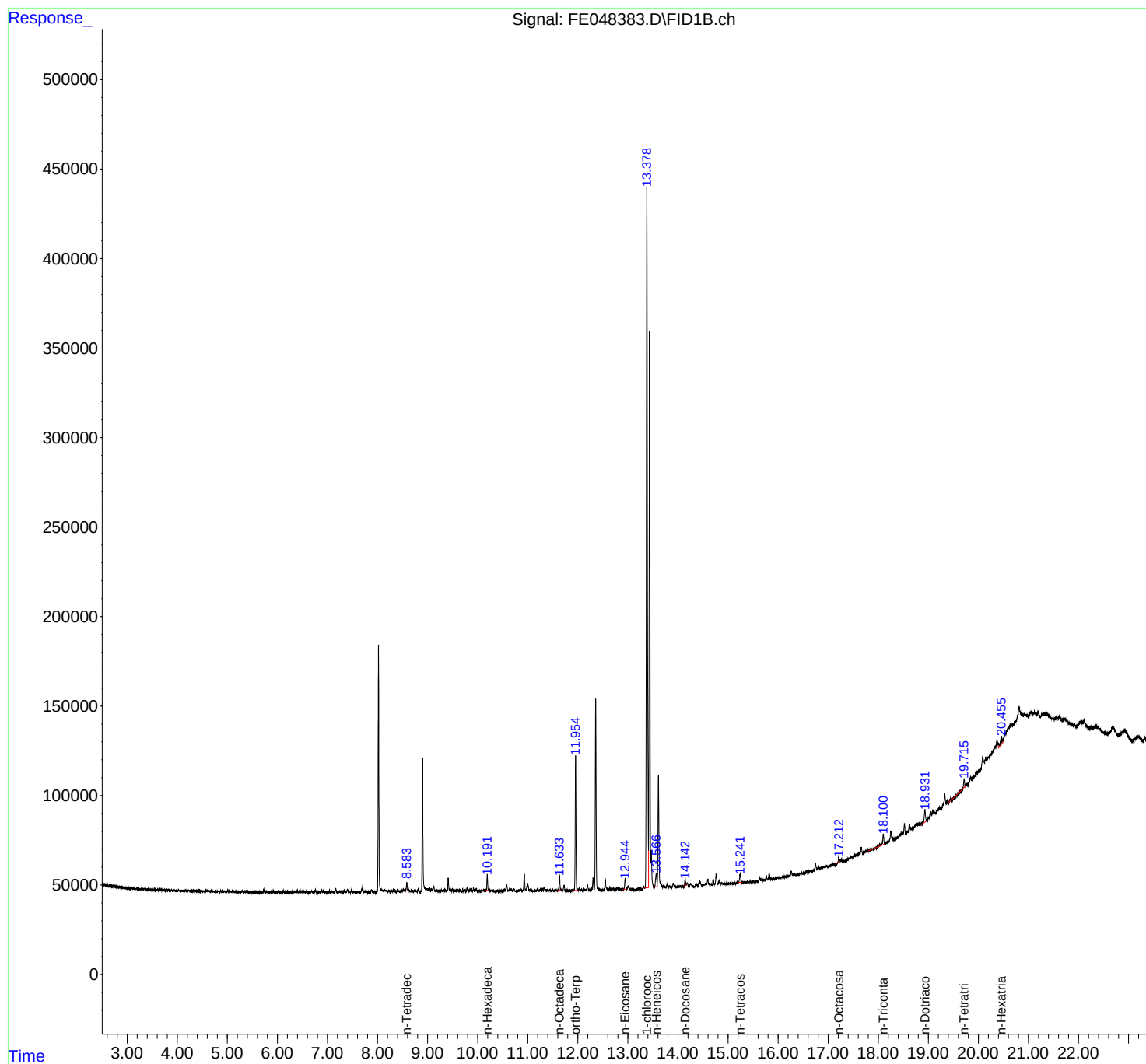
(m)=manual int.

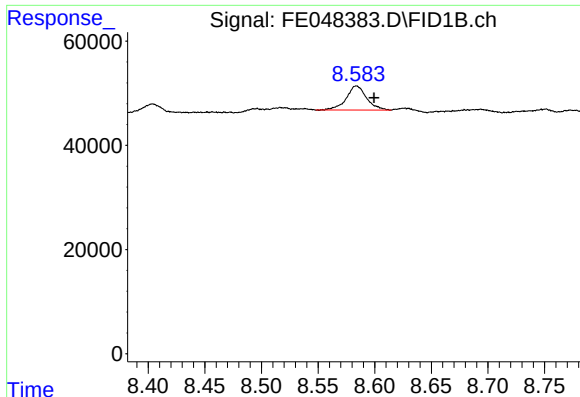
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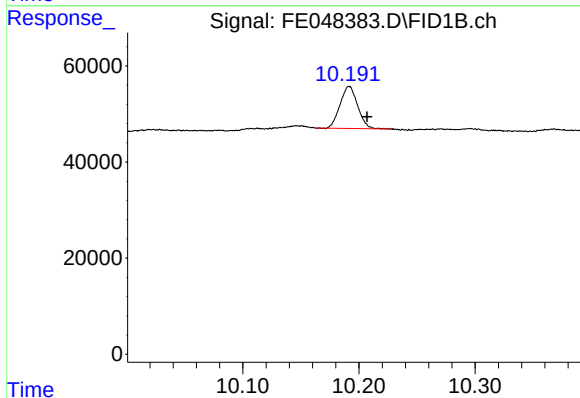




#6 n-Tetradecane (C14)

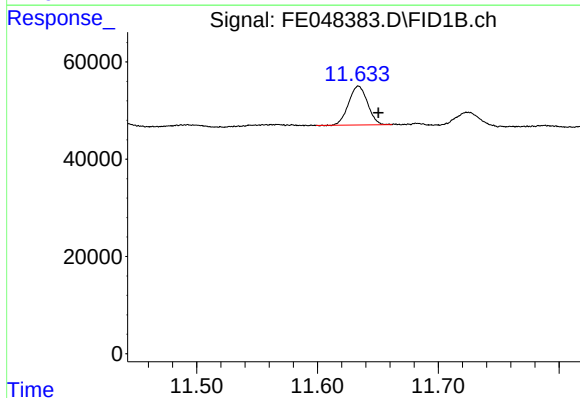
R.T.: 8.584 min
Delta R.T.: -0.015 min
Response: 57831
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



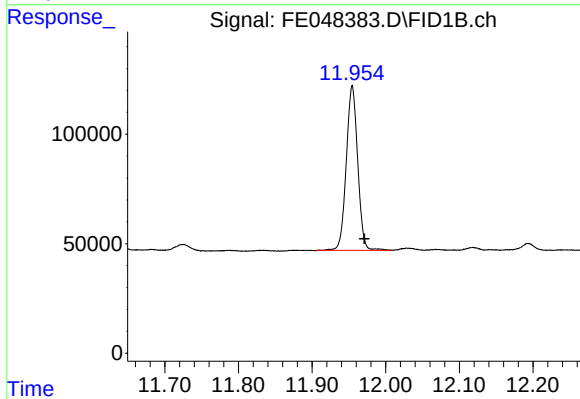
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 92444
Conc: 0.67 ug/ml



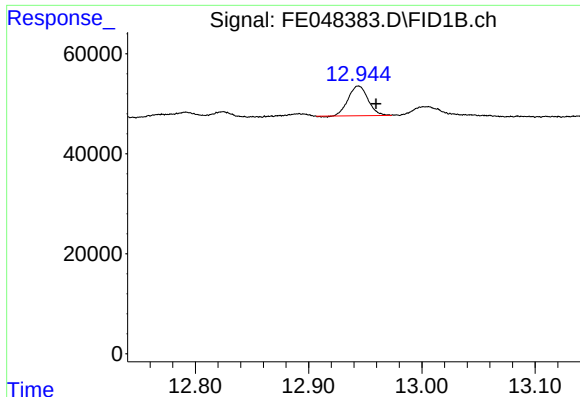
#8 n-Octadecane (C18)

R.T.: 11.634 min
Delta R.T.: -0.017 min
Response: 86858
Conc: 0.62 ug/ml



#9 ortho-Terphenyl (SURR)

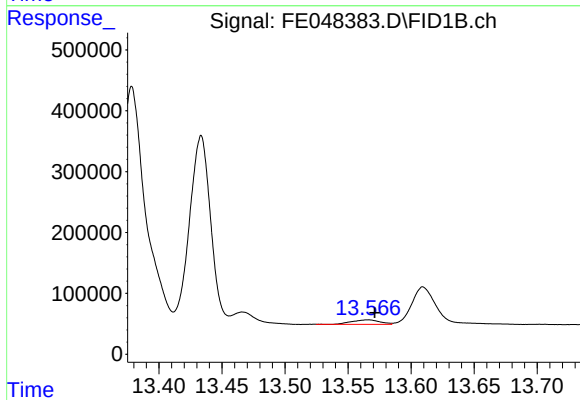
R.T.: 11.955 min
Delta R.T.: -0.016 min
Response: 812375
Conc: 5.63 ug/ml



#10 n-Eicosane (C20)

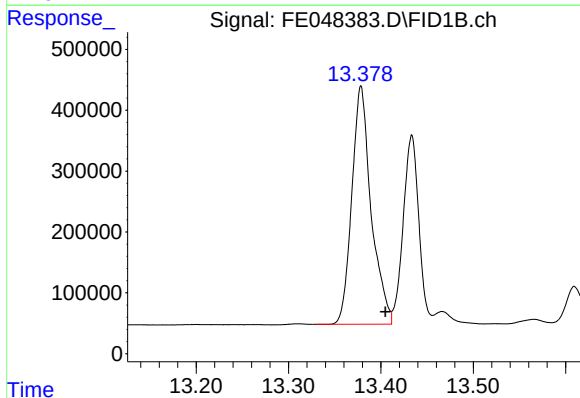
R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 72135
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :



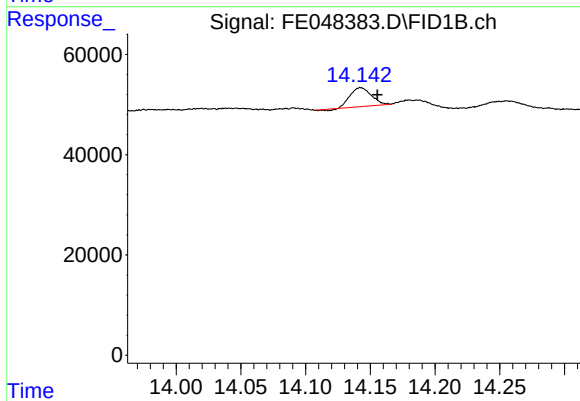
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.005 min
Response: 117972
Conc: 0.89 ug/ml



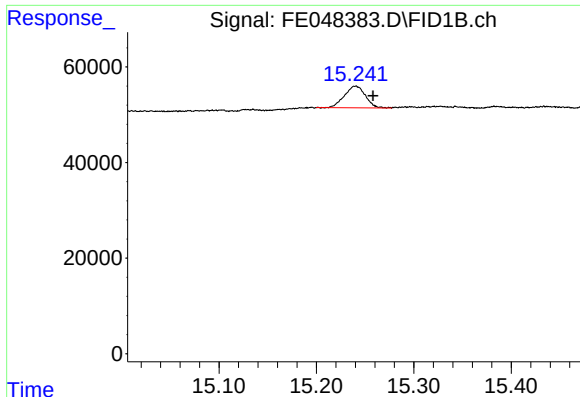
#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.026 min
Response: 5677328
Conc: 50.81 ug/ml



#13 n-Docosane (C22)

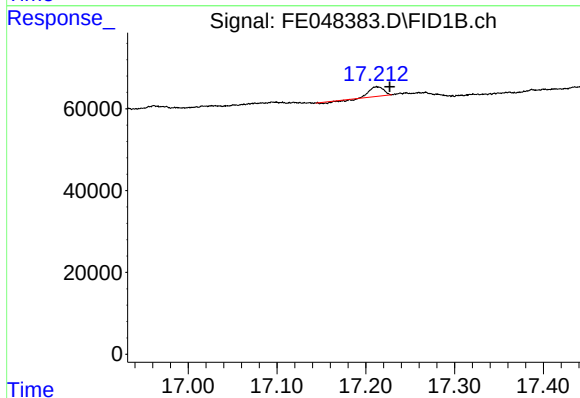
R.T.: 14.142 min
Delta R.T.: -0.013 min
Response: 42065
Conc: 0.32 ug/ml



#14 n-Tetracosane (C24)

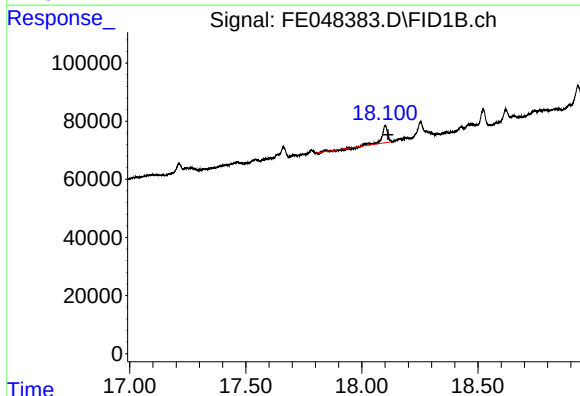
R.T.: 15.240 min
Delta R.T.: -0.018 min
Response: 68251
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



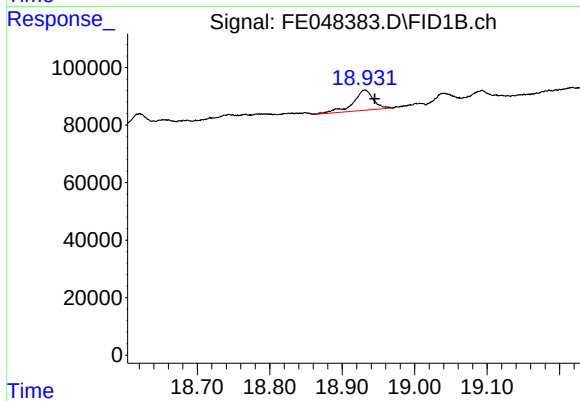
#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: -0.015 min
Response: 21984
Conc: 0.17 ug/ml



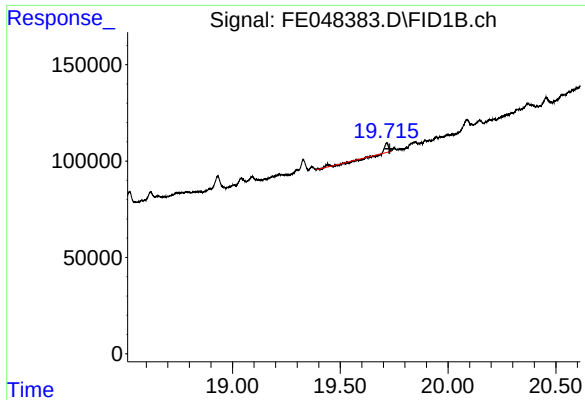
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: -0.013 min
Response: 91046
Conc: 0.66 ug/ml



#18 n-Dotriacontane (C32)

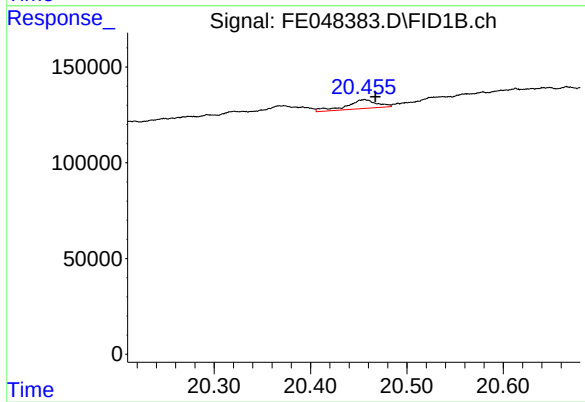
R.T.: 18.931 min
Delta R.T.: -0.014 min
Response: 137286
Conc: 0.99 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.013 min
Response: 34534
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.011 min
Response: 100999
Conc: 0.75 ug/ml