

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041358.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 10:35
 Operator : YP\AJ
 Sample : 02308-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 01:20:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.836	1114428	5.930 ug/ml
Spiked Amount 50.000		Recovery =	11.86%
12) S 1-chlorooctadecane (S...	13.322	29262	0.203 ug/ml
Spiked Amount 50.000		Recovery =	0.41%
Target Compounds			
6) T n-Tetradecane (C14)	8.475	45959	0.264 ug/ml
7) T n-Hexadecane (C16)	10.081	82379	0.463 ug/ml
8) T n-Octadecane (C18)	11.522	86327	0.483 ug/ml
10) T n-Eicosane (C20)	12.831	84343	0.494 ug/ml
11) T n-Heneicosane (C21)	13.444	41973	0.248 ug/ml
13) T n-Docosane (C22)	14.029	42382	0.256 ug/ml
14) T n-Tetracosane (C24)	15.134	29903	0.185 ug/ml
15) T n-Hexacosane (C26)	16.158	22666	0.146 ug/ml
16) T n-Octacosane (C28)	17.110	95099	0.621 ug/ml
17) T n-Tricontane (C30)	17.995	85771	0.561 ug/ml
18) T n-Dotriacontane (C32)	18.865	9108	0.058 ug/ml
19) T n-Tetratriacontane (C34)	19.636	51225	0.331 ug/ml
20) T n-Hexatriacontane (C36)	20.385	29831	0.196 ug/ml
21) T n-Octatriacontane (C38)	21.088	37849	0.242 ug/ml

(f)=RT Delta > 1/2 Window

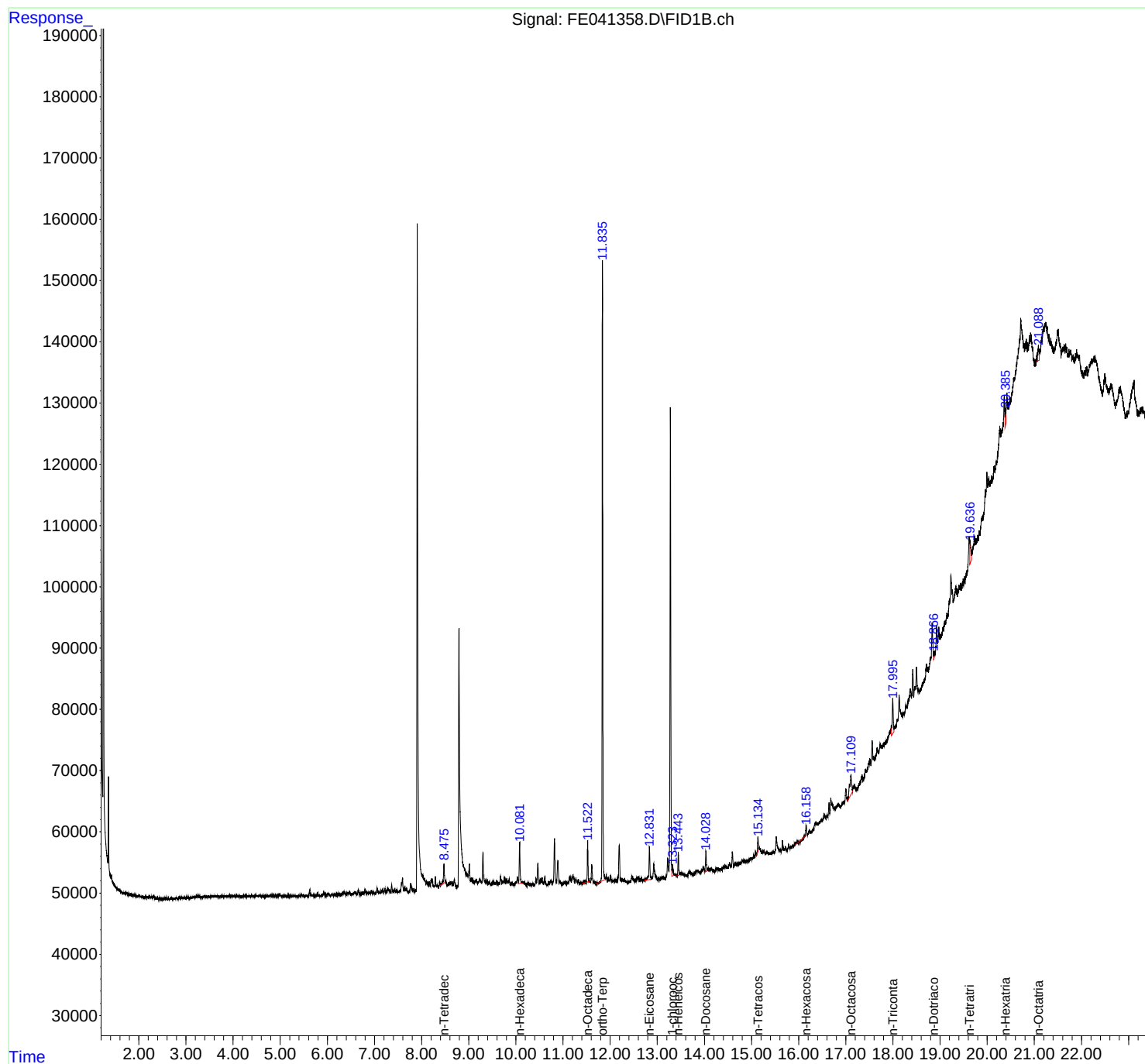
(m)=manual int.

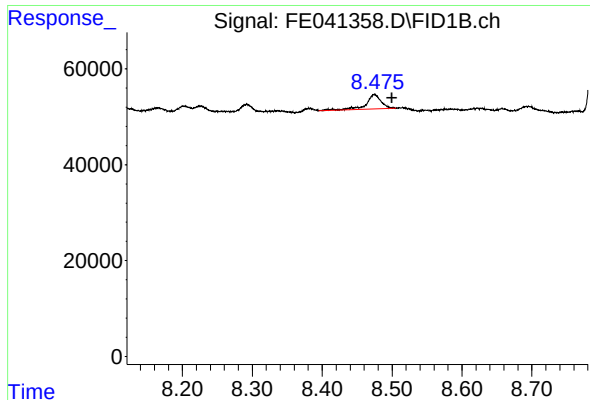
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

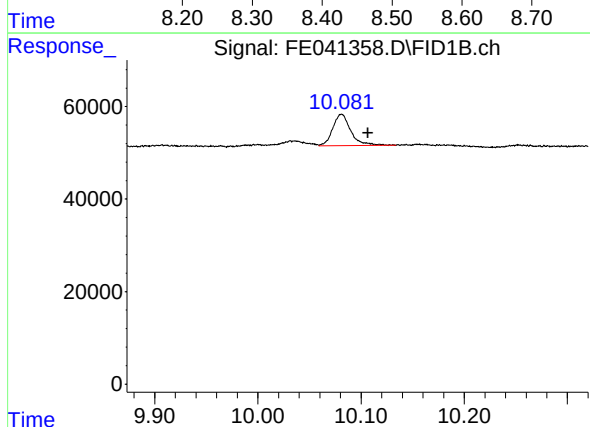




#6 n-Tetradecane (C14)

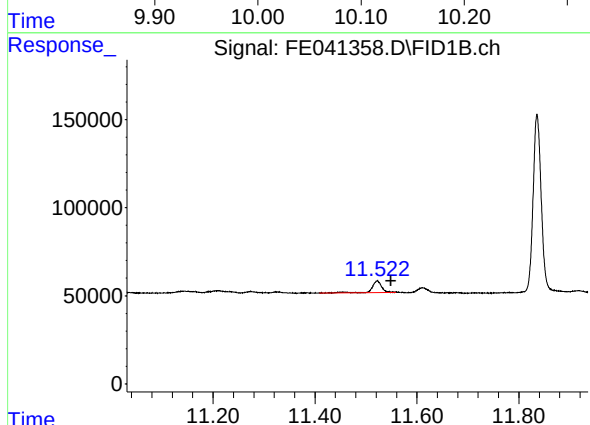
R.T.: 8.475 min
Delta R.T.: -0.025 min
Response: 45959
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :



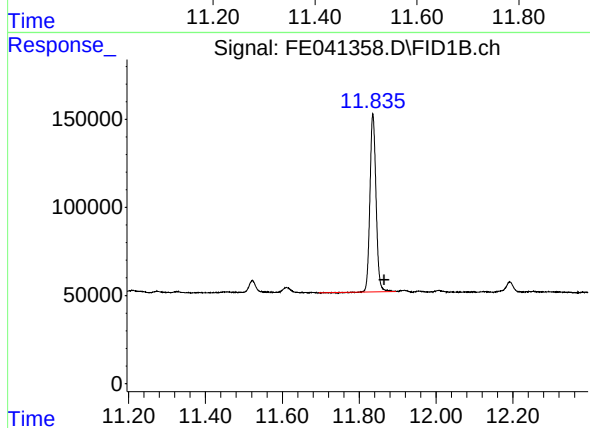
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.026 min
Response: 82379
Conc: 0.46 ug/ml



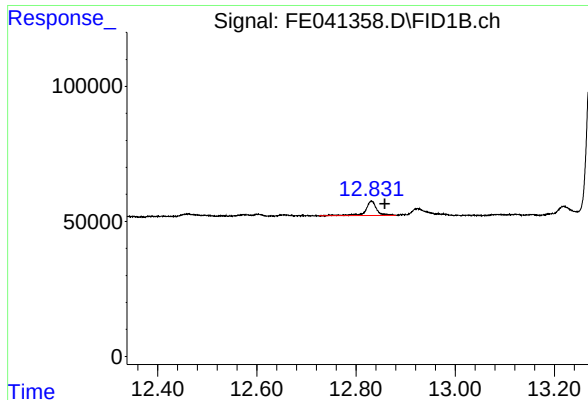
#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.027 min
Response: 86327
Conc: 0.48 ug/ml



#9 ortho-Terphenyl (SURR)

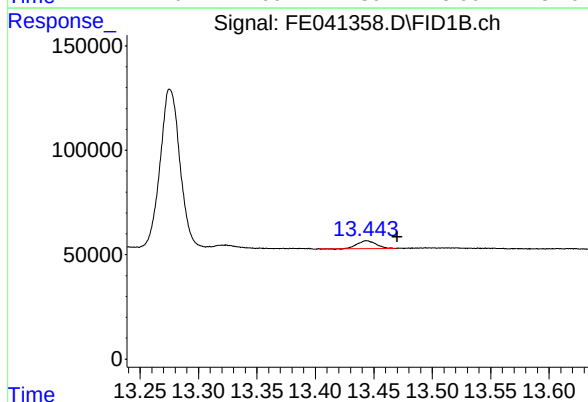
R.T.: 11.836 min
Delta R.T.: -0.029 min
Response: 1114428
Conc: 5.93 ug/ml



#10 n-Eicosane (C20)

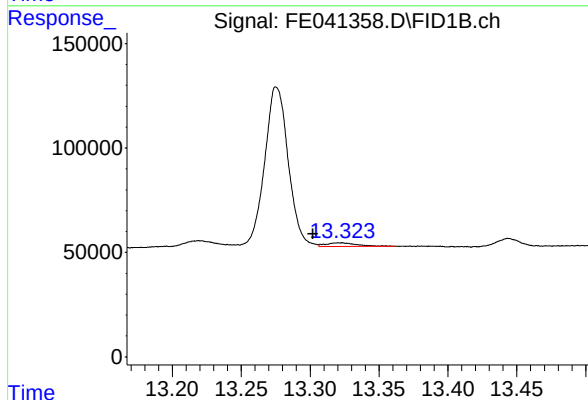
R.T.: 12.831 min
Delta R.T.: -0.027 min
Response: 84343
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



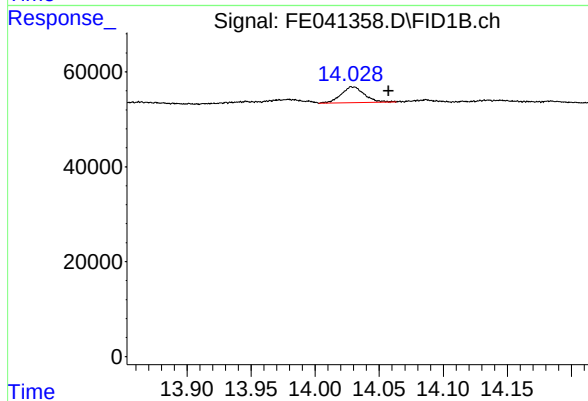
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.026 min
Response: 41973
Conc: 0.25 ug/ml



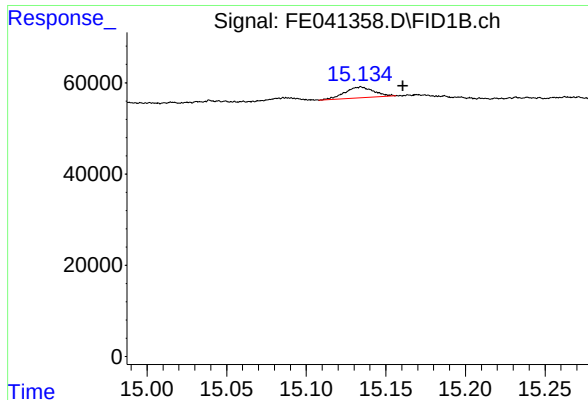
#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: 0.020 min
Response: 29262
Conc: 0.20 ug/ml



#13 n-Docosane (C22)

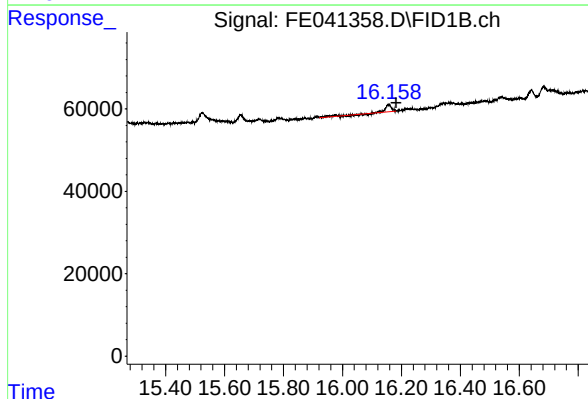
R.T.: 14.029 min
Delta R.T.: -0.028 min
Response: 42382
Conc: 0.26 ug/ml



#14 n-Tetracosane (C24)

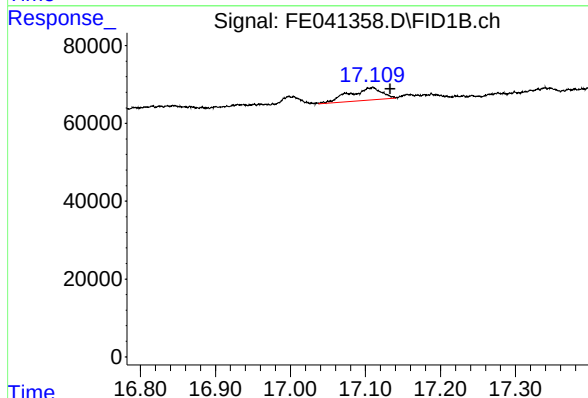
R.T.: 15.134 min
Delta R.T.: -0.026 min
Response: 29903
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :



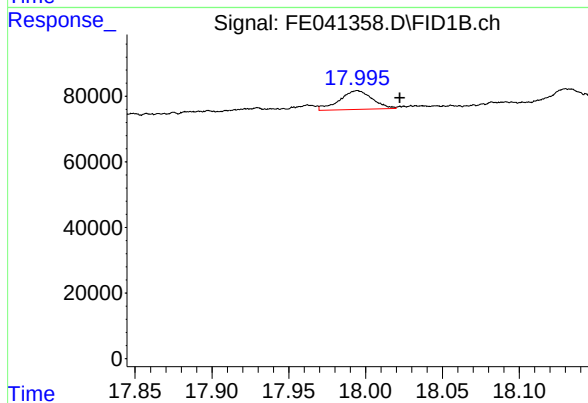
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 22666
Conc: 0.15 ug/ml



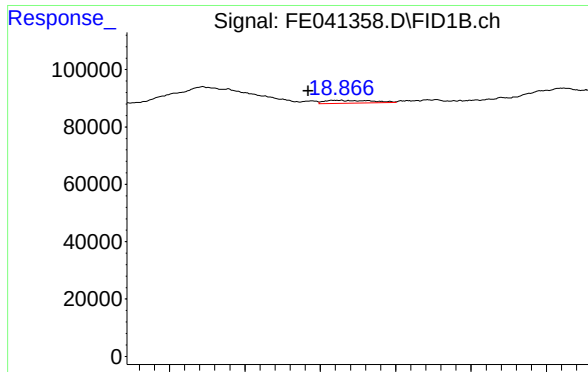
#16 n-Octacosane (C28)

R.T.: 17.110 min
Delta R.T.: -0.023 min
Response: 95099
Conc: 0.62 ug/ml



#17 n-Tricontane (C30)

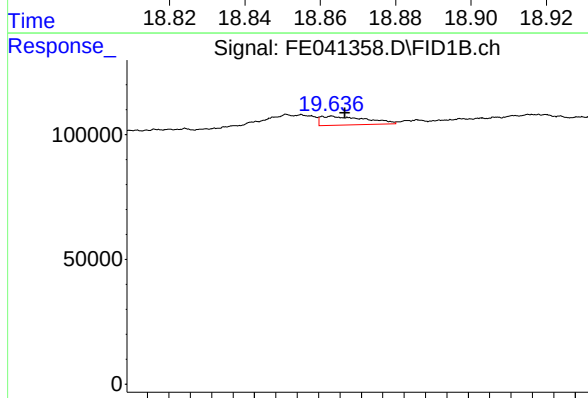
R.T.: 17.995 min
Delta R.T.: -0.028 min
Response: 85771
Conc: 0.56 ug/ml



#18 n-Dotriacontane (C32)

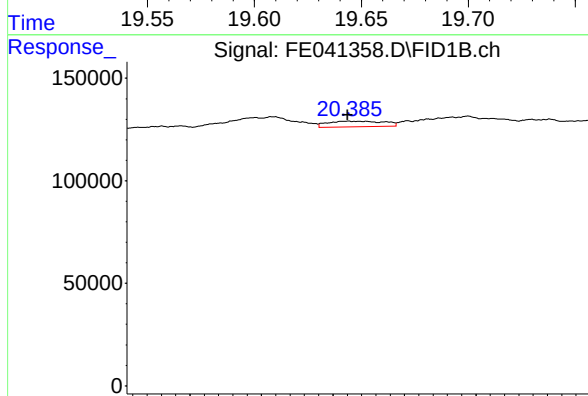
R.T.: 18.865 min
Delta R.T.: 0.008 min
Response: 9108
Conc: 0.06 ug/ml

Instrument :
FID_E
ClientSampleId :



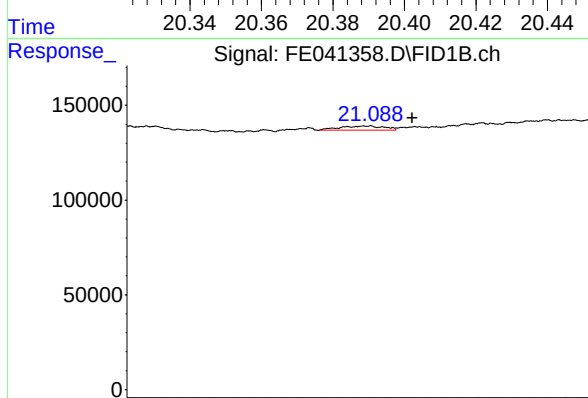
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.006 min
Response: 51225
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.001 min
Response: 29831
Conc: 0.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: -0.025 min
Response: 37849
Conc: 0.24 ug/ml