

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050477.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 17:25
 Operator : YP\AJ
 Sample : P4255-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 01:37:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.862	3076175	20.676 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
12) S 1-chlorooctadecane (S...	13.296	2577628	22.948 ug/ml
Spiked Amount 50.000		Recovery =	45.90%
Target Compounds			
10) T n-Eicosane (C20)	12.843	97038	0.723 ug/ml
11) T n-Heneicosane (C21)	13.503	101943	0.776 ug/ml
13) T n-Docosane (C22)	14.089	287122	2.205 ug/ml
14) T n-Tetracosane (C24)	15.145	733565	5.617 ug/ml
16) T n-Octacosane (C28)	17.116	201147	1.562 ug/ml
17) T n-Tricontane (C30)	18.003	309364	2.314 ug/ml
18) T n-Dotriacontane (C32)	18.834	133089	0.999 ug/ml
19) T n-Tetratriacontane (C34)	19.644	175130	1.417 ug/ml
20) T n-Hexatriacontane (C36)	20.358	56694	0.511 ug/ml
21) T n-Octatriacontane (C38)	21.084	74295	0.674 ug/ml

(f)=RT Delta > 1/2 Window

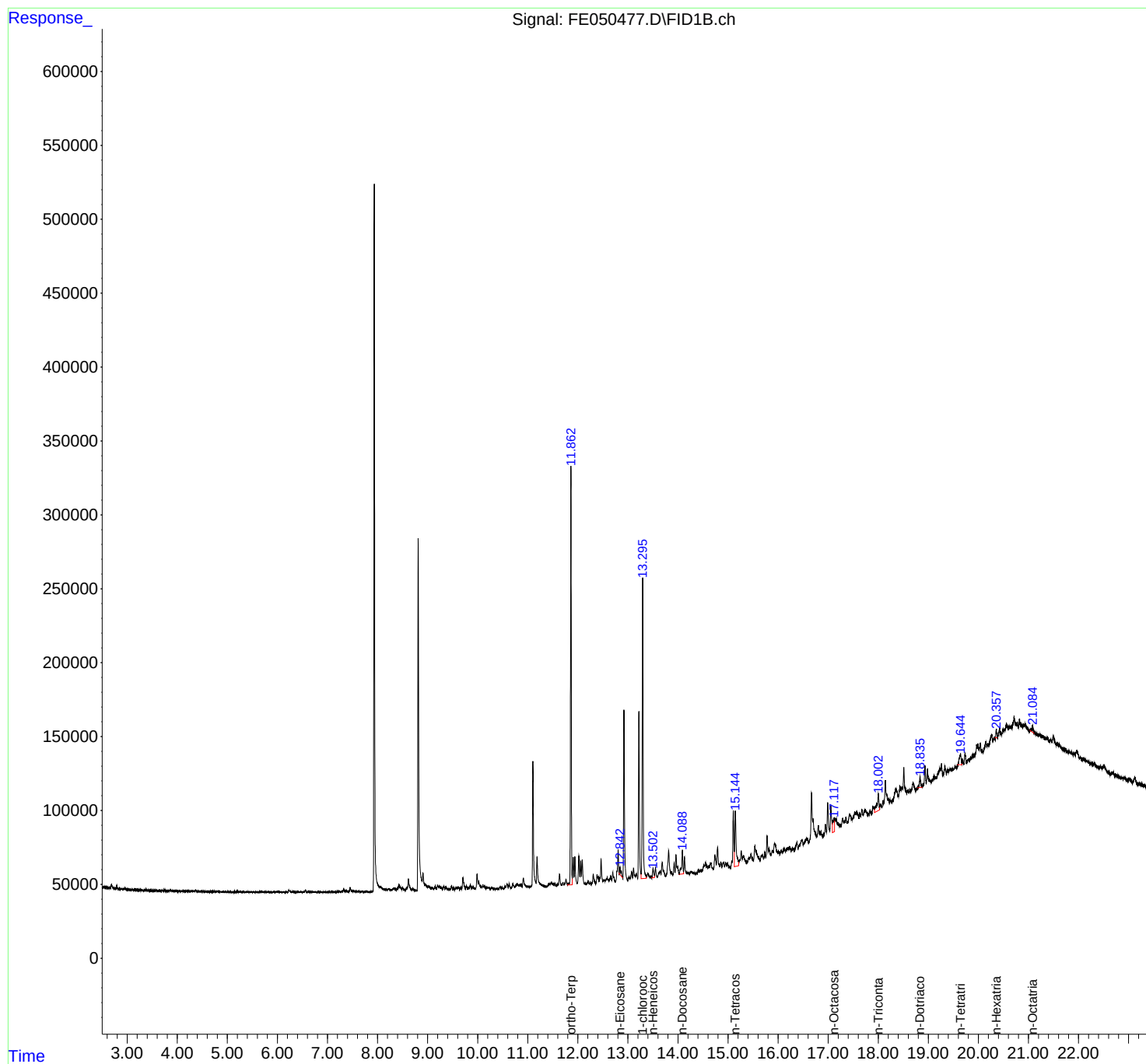
(m)=manual int.

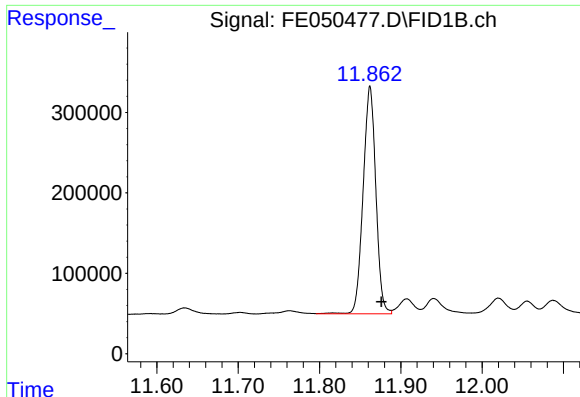
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

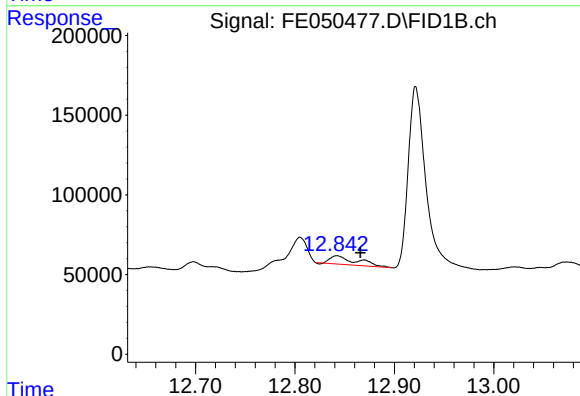




#9 ortho-Terphenyl (SURR)

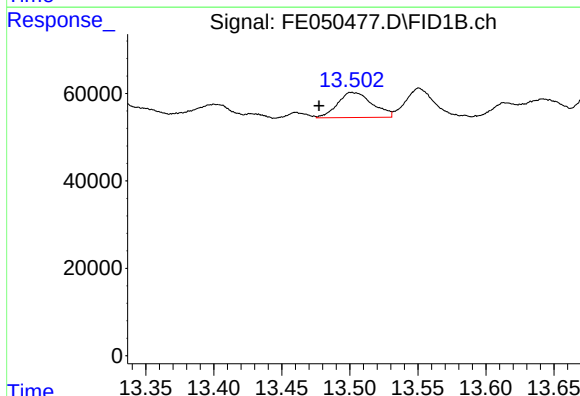
R.T.: 11.862 min
Delta R.T.: -0.014 min
Response: 3076175
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :



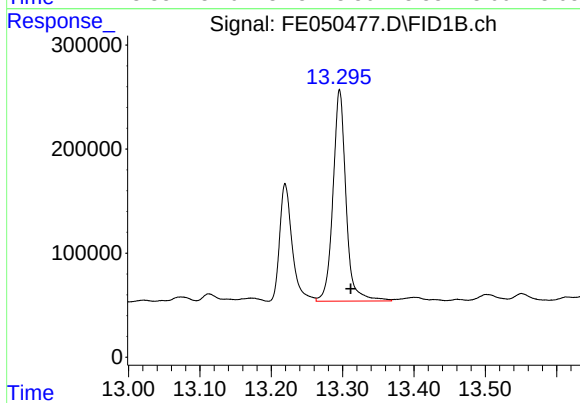
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.023 min
Response: 97038
Conc: 0.72 ug/ml



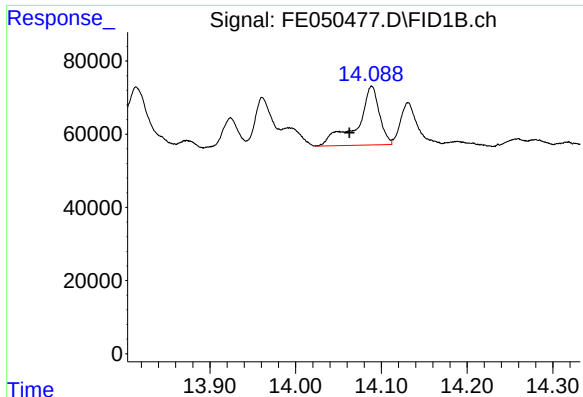
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: 0.025 min
Response: 101943
Conc: 0.78 ug/ml



#12 1-chlorooctadecane (SURR)

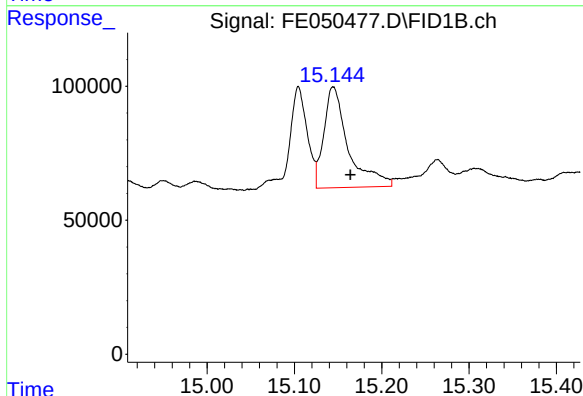
R.T.: 13.296 min
Delta R.T.: -0.016 min
Response: 2577628
Conc: 22.95 ug/ml



#13 n-Docosane (C22)

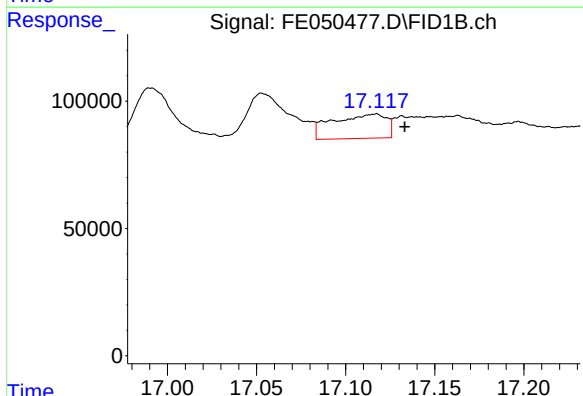
R.T.: 14.089 min
Delta R.T.: 0.026 min
Response: 287122
Conc: 2.20 ug/ml

Instrument :
FID_E
ClientSampleId :



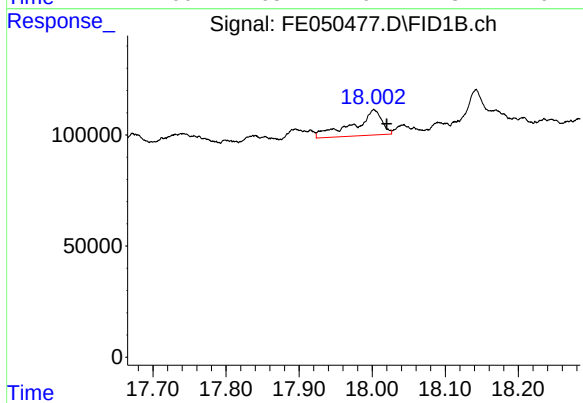
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.020 min
Response: 733565
Conc: 5.62 ug/ml



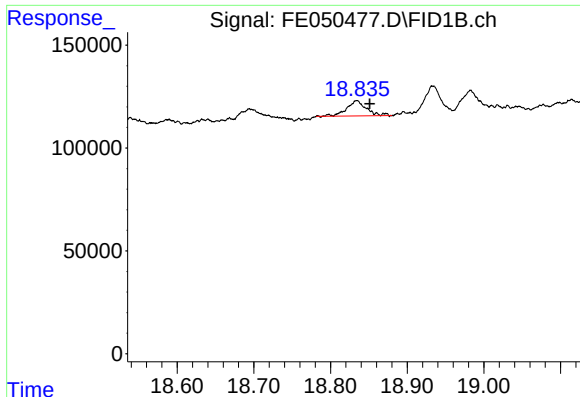
#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.017 min
Response: 201147
Conc: 1.56 ug/ml



#17 n-Tricontane (C30)

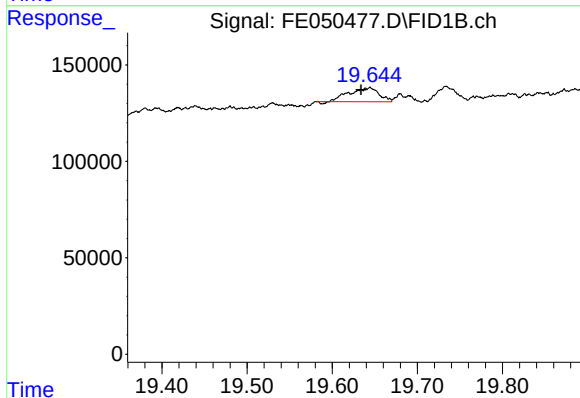
R.T.: 18.003 min
Delta R.T.: -0.017 min
Response: 309364
Conc: 2.31 ug/ml



#18 n-Dotriacontane (C32)

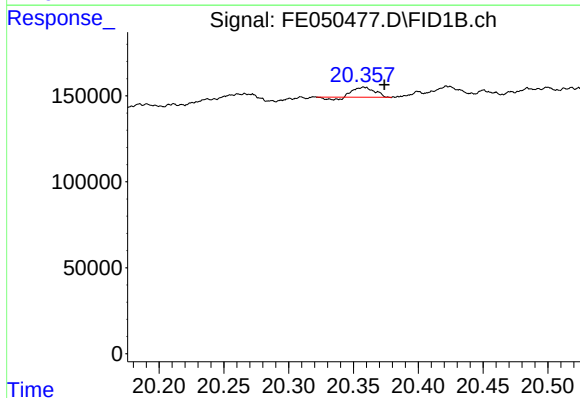
R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 133089
Conc: 1.00 ug/ml

Instrument :
FID_E
ClientSampleId :



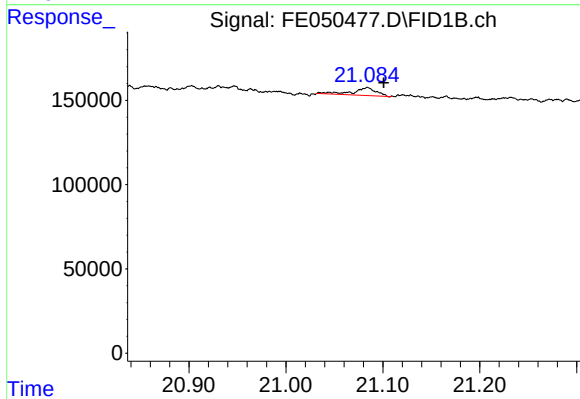
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: 0.010 min
Response: 175130
Conc: 1.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.016 min
Response: 56694
Conc: 0.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.017 min
Response: 74295
Conc: 0.67 ug/ml