

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052835.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 08:00
 Operator : YP\AJ
 Sample : Q1581-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 19 02:33:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.909	1735836	10.296 ug/ml
Spiked Amount 50.000		Recovery =	20.59%
12) S 1-chlorooctadecane (S...	13.355	1309316	10.783 ug/ml
Spiked Amount 50.000		Recovery =	21.57%
Target Compounds			
6) T n-Tetradecane (C14)	8.529	158412	1.047 ug/ml
7) T n-Hexadecane (C16)	10.144	227152	1.486 ug/ml
8) T n-Octadecane (C18)	11.592	213959	1.406 ug/ml
10) T n-Eicosane (C20)	12.909	192151	1.324 ug/ml
11) T n-Heneicosane (C21)	13.523	135714	0.954 ug/ml
13) T n-Docosane (C22)	14.112	139066	0.977 ug/ml
14) T n-Tetracosane (C24)	15.218	113580	0.794 ug/ml
15) T n-Hexacosane (C26)	16.244	145217	1.021 ug/ml
16) T n-Octacosane (C28)	17.197	260091	1.829 ug/ml
17) T n-Tricontane (C30)	18.086	387005	2.620 ug/ml
18) T n-Dotriacontane (C32)	18.922	225423	1.553 ug/ml
19) T n-Tetratriacontane (C34)	19.711	322405	2.392 ug/ml
20) T n-Hexatriacontane (C36)	20.452	158586	1.335 ug/ml
21) T n-Octatriacontane (C38)	21.196	145473	1.311 ug/ml

(f)=RT Delta > 1/2 Window

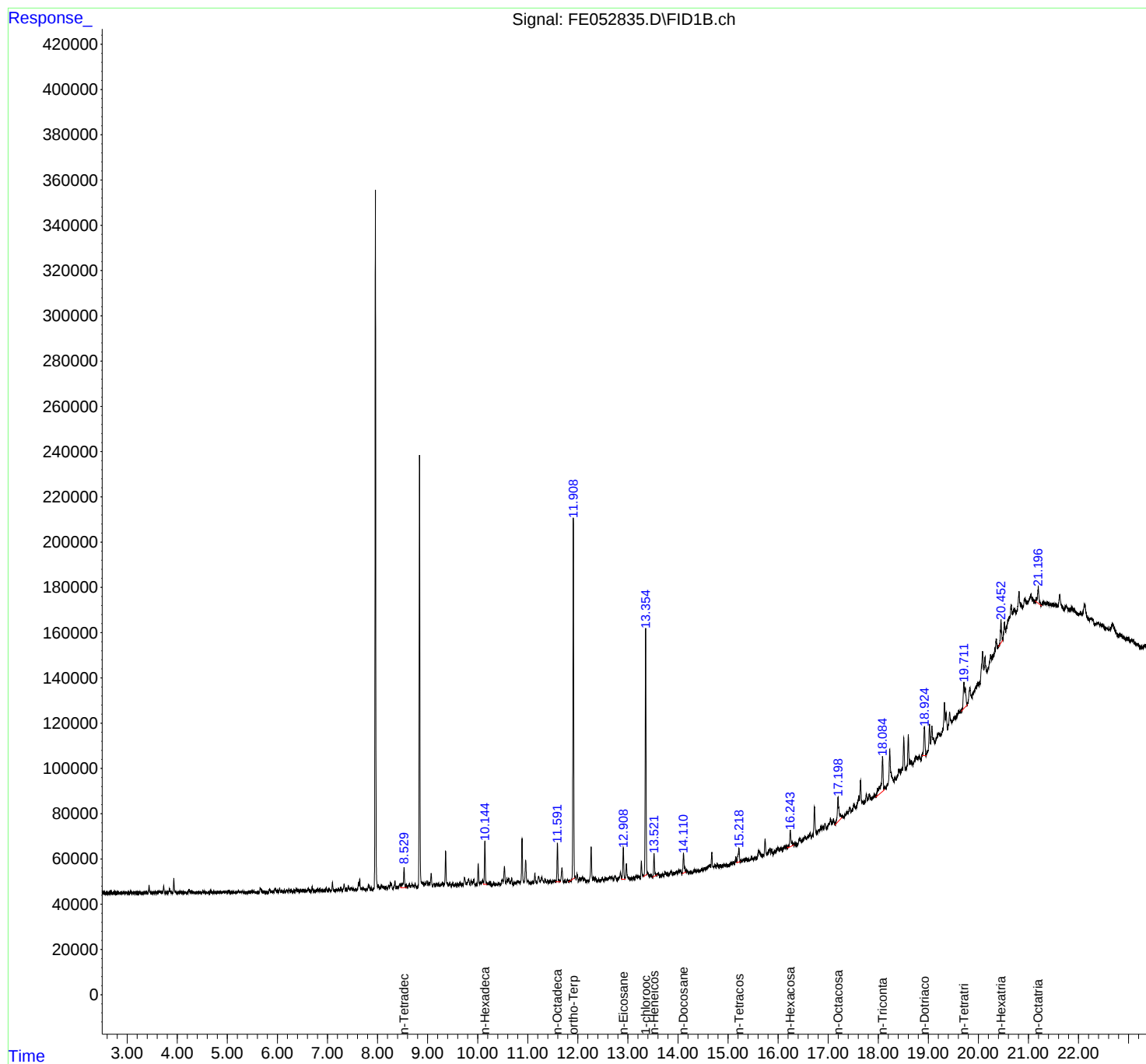
(m)=manual int.

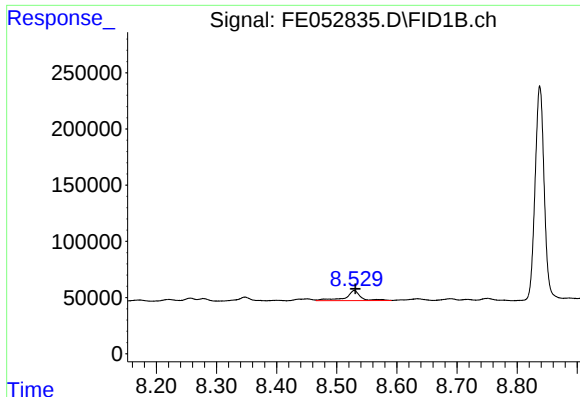
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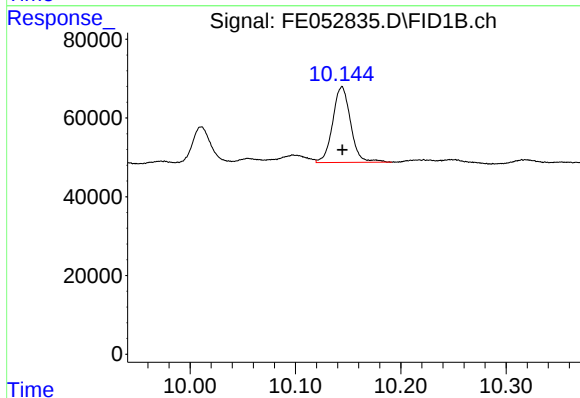




#6 n-Tetradecane (C14)

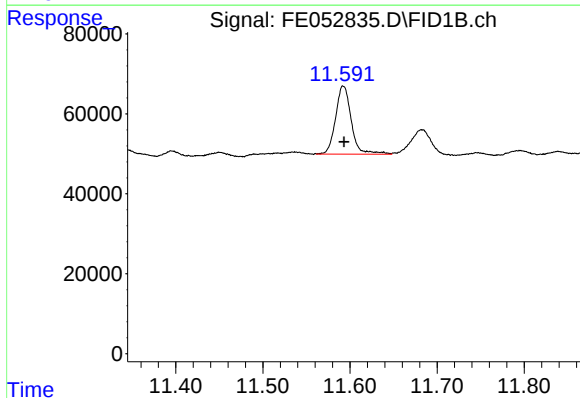
R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 158412
Conc: 1.05 ug/ml

Instrument :
FID_E
ClientSampleId :



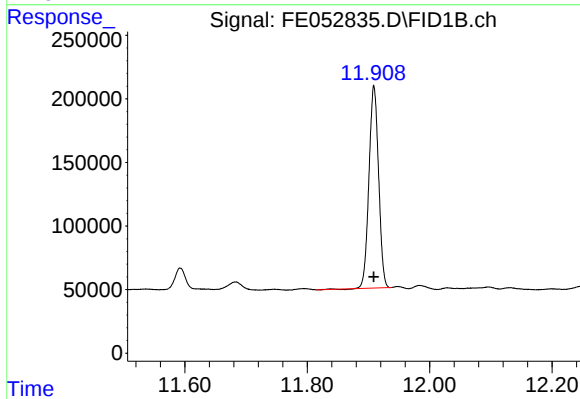
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: 0.000 min
Response: 227152
Conc: 1.49 ug/ml



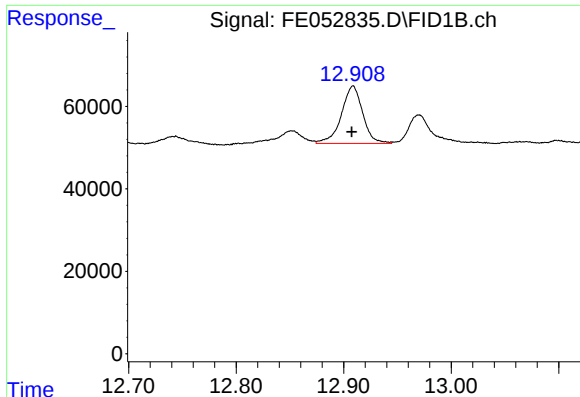
#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: 0.000 min
Response: 213959
Conc: 1.41 ug/ml



#9 ortho-Terphenyl (SURR)

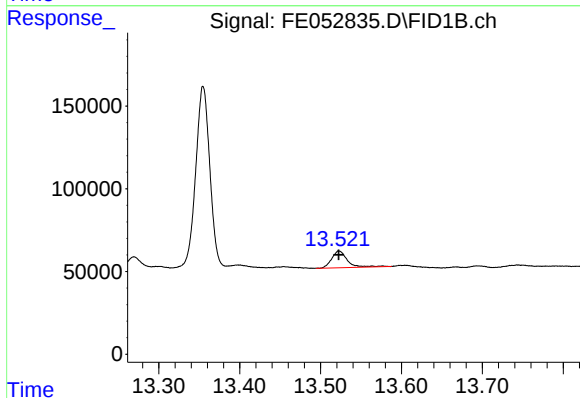
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 1735836
Conc: 10.30 ug/ml



#10 n-Eicosane (C20)

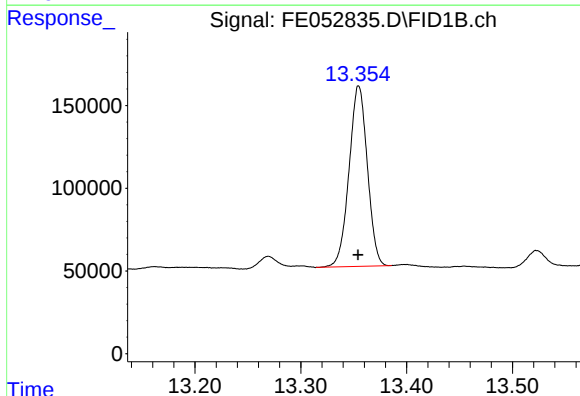
R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 192151
Conc: 1.32 ug/ml

Instrument :
FID_E
ClientSampleId :



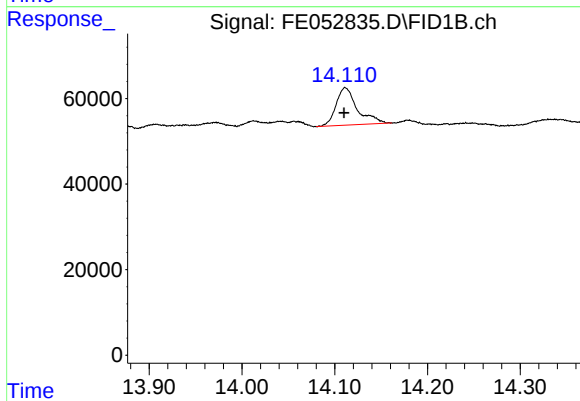
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 135714
Conc: 0.95 ug/ml



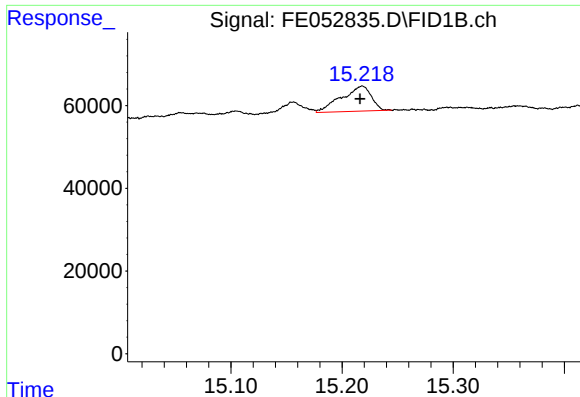
#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 1309316
Conc: 10.78 ug/ml



#13 n-Docosane (C22)

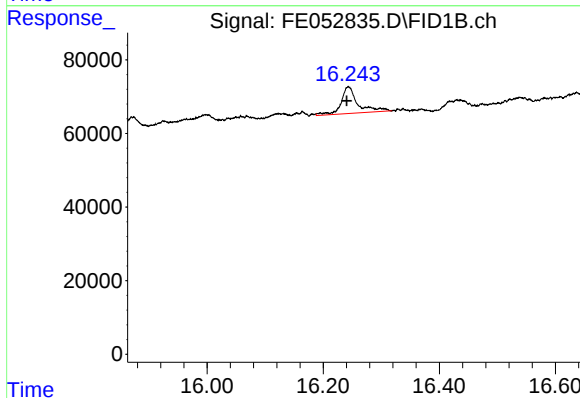
R.T.: 14.112 min
Delta R.T.: 0.001 min
Response: 139066
Conc: 0.98 ug/ml



#14 n-Tetracosane (C24)

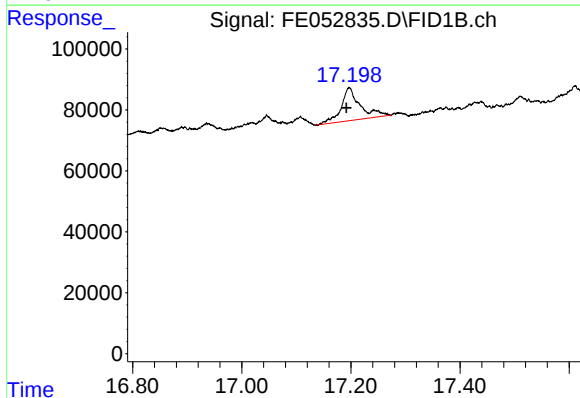
R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 113580
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :



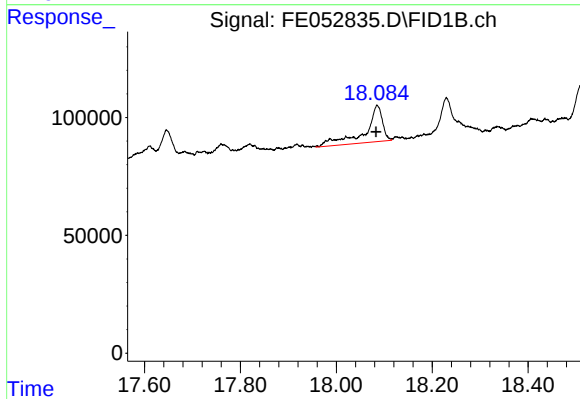
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.003 min
Response: 145217
Conc: 1.02 ug/ml



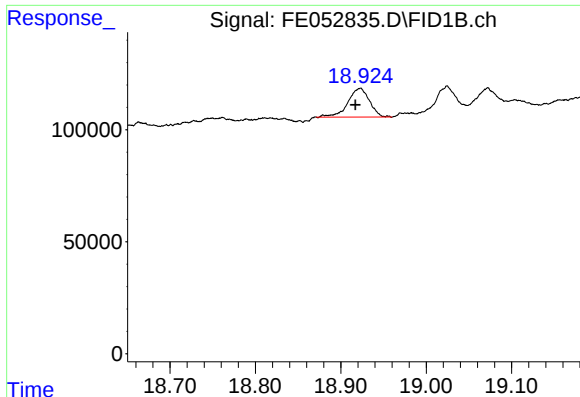
#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 260091
Conc: 1.83 ug/ml



#17 n-Tricontane (C30)

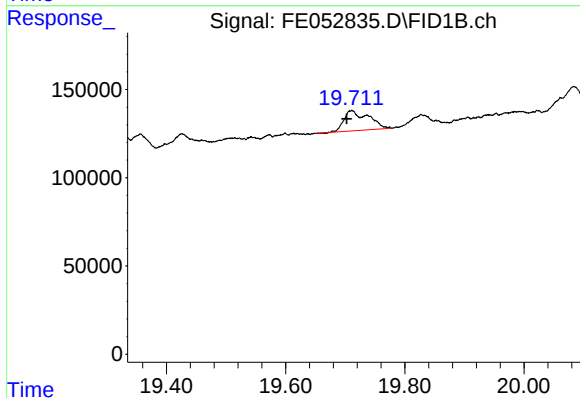
R.T.: 18.086 min
Delta R.T.: 0.003 min
Response: 387005
Conc: 2.62 ug/ml



#18 n-Dotriacontane (C32)

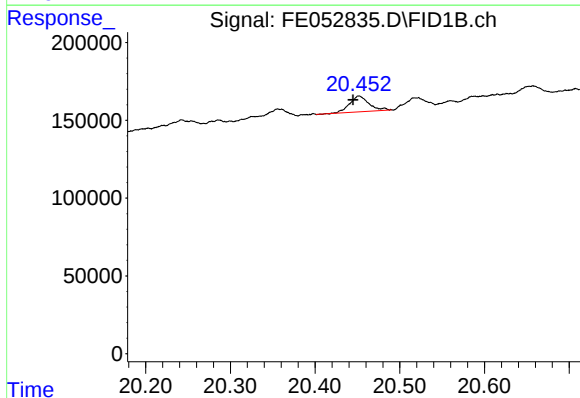
R.T.: 18.922 min
Delta R.T.: 0.005 min
Response: 225423
Conc: 1.55 ug/ml

Instrument :
FID_E
ClientSampleId :



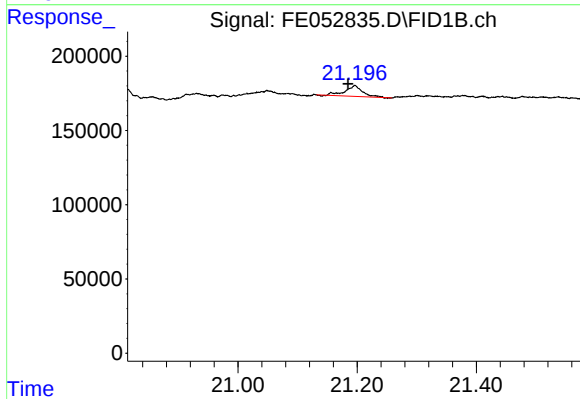
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.008 min
Response: 322405
Conc: 2.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: 0.007 min
Response: 158586
Conc: 1.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.011 min
Response: 145473
Conc: 1.31 ug/ml