

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042825AL\
 Data File : FE053546.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2025 16:39
 Operator : YP\AJ
 Sample : Q1891-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-C-EPH

Integration File: autoint1.e
 Quant Time: Apr 29 01:40:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.876	4843172	26.853 ug/ml
Spiked Amount 50.000		Recovery =	53.71%
12) S 1-chlorooctadecane (S...	13.322	5333772	39.458 ug/ml
Spiked Amount 50.000		Recovery =	78.92%
Target Compounds			
6) T n-Tetradecane (C14)	8.445f	91485	0.652 ug/ml
7) T n-Hexadecane (C16)	10.120	388401	2.710 ug/ml
8) T n-Octadecane (C18)	11.640f	313352	2.150 ug/ml
10) T n-Eicosane (C20)	12.883	321359	2.208 ug/ml
11) T n-Heneicosane (C21)	13.505	837023	5.779 ug/ml
13) T n-Docosane (C22)	14.104	1520703	10.538 ug/ml
14) T n-Tetracosane (C24)	15.171	5877752	40.920 ug/ml
15) T n-Hexacosane (C26)	16.205	498653	3.521 ug/ml
16) T n-Octacosane (C28)	17.177	1599388	11.496 ug/ml
17) T n-Tricontane (C30)	18.069	137481	0.988 ug/ml
18) T n-Dotriacontane (C32)	18.849	829931	6.044 ug/ml
20) T n-Hexatriacontane (C36)	20.399	83262	0.660 ug/ml

(f)=RT Delta > 1/2 Window

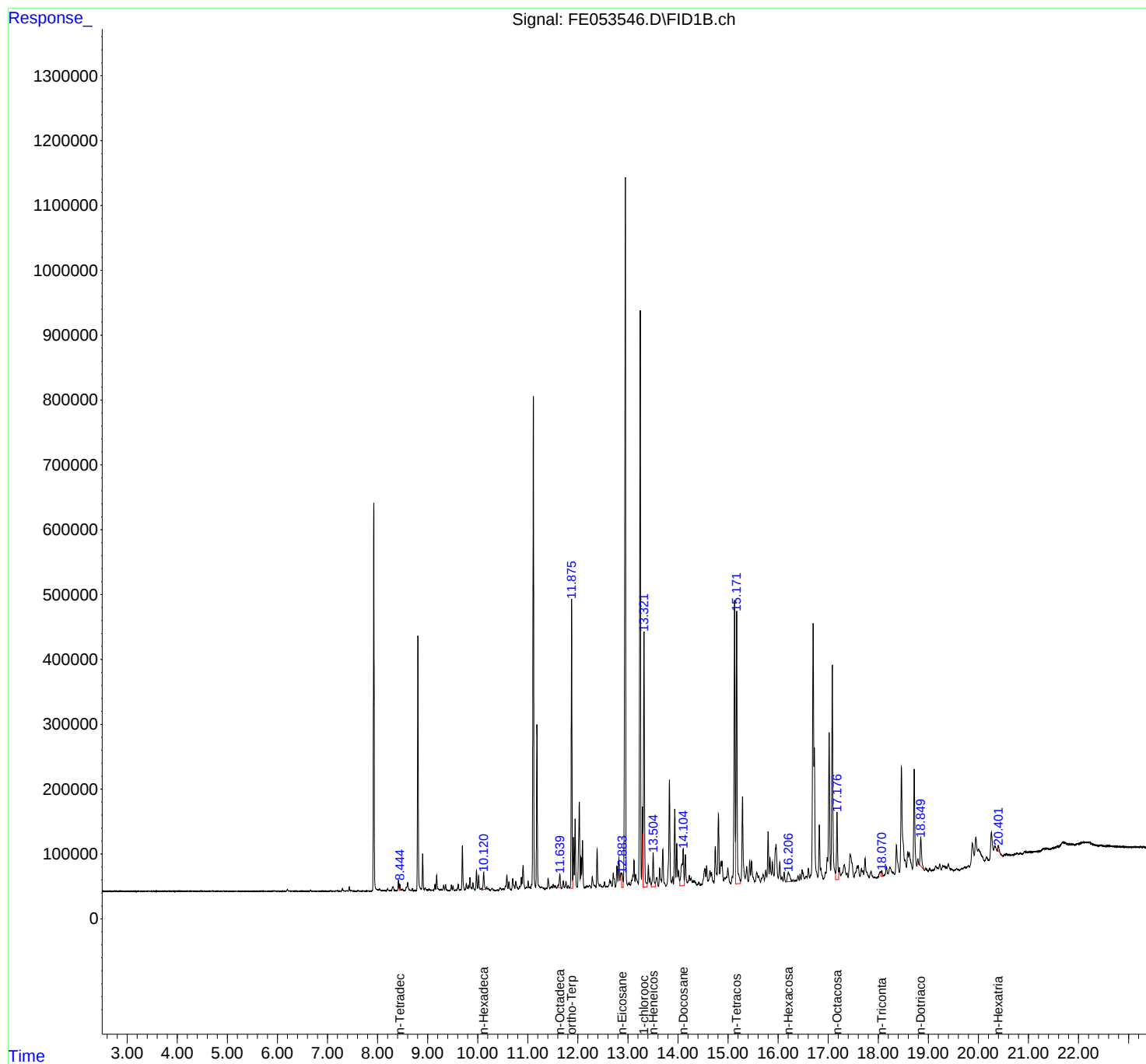
(m)=manual int.

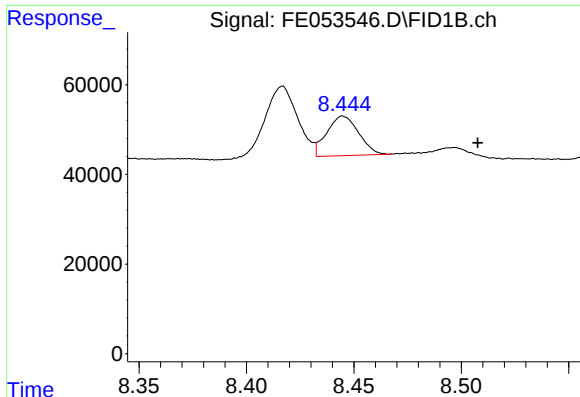
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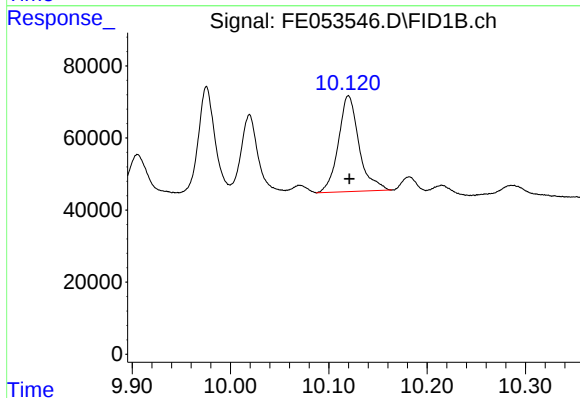




#6 n-Tetradecane (C14)

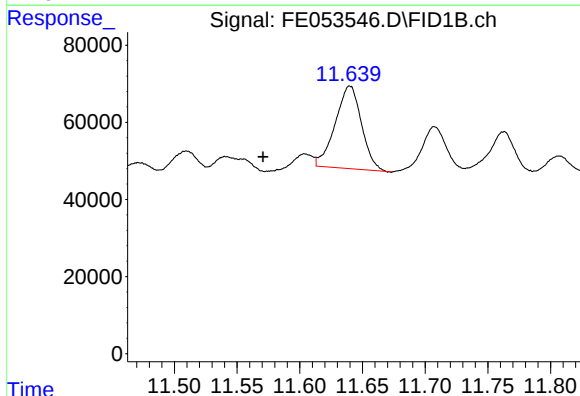
R.T.: 8.445 min
Delta R.T.: -0.063 min
Response: 91485
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-C-EPH



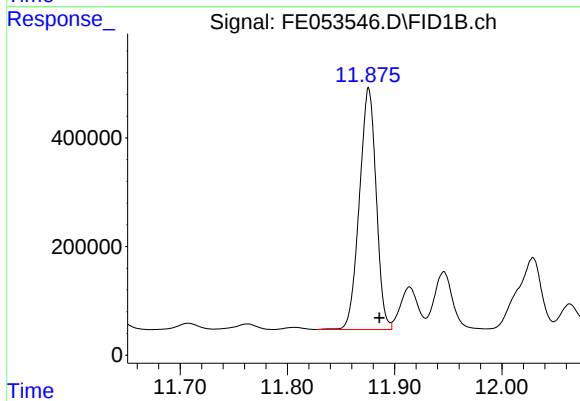
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 388401
Conc: 2.71 ug/ml



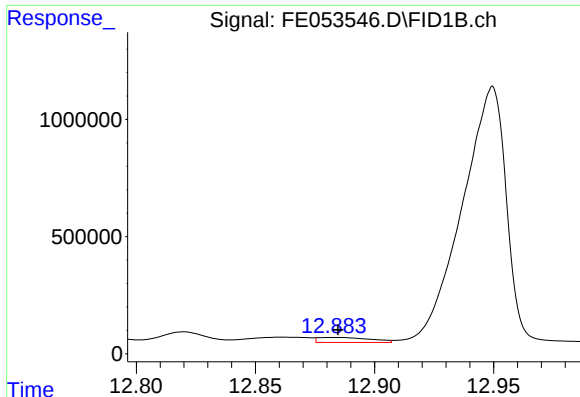
#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: 0.069 min
Response: 313352
Conc: 2.15 ug/ml



#9 ortho-Terphenyl (SURR)

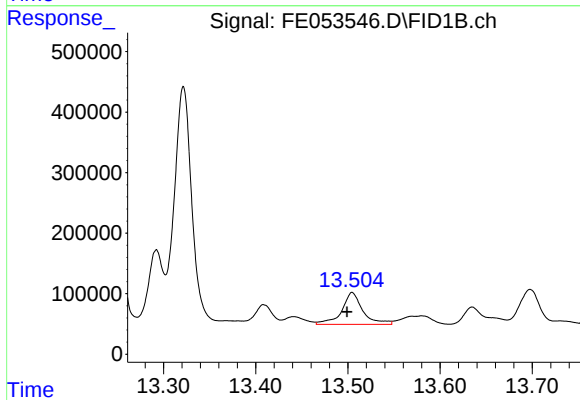
R.T.: 11.876 min
Delta R.T.: -0.010 min
Response: 4843172
Conc: 26.85 ug/ml



#10 n-Eicosane (C20)

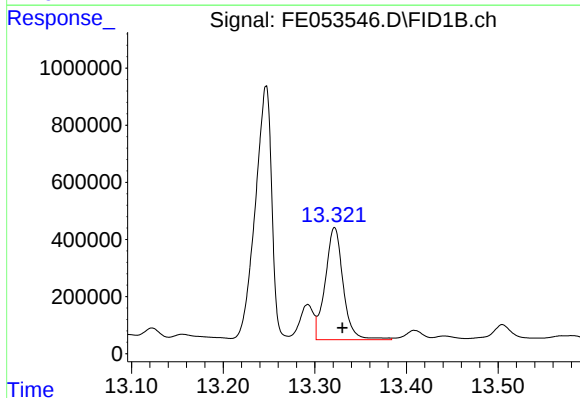
R.T.: 12.883 min
Delta R.T.: -0.002 min
Response: 321359
Conc: 2.21 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-C-EPH



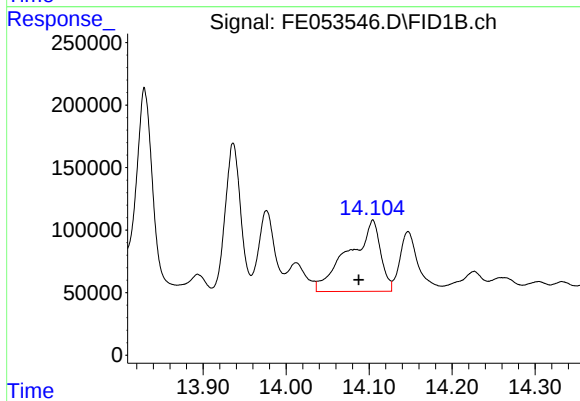
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: 0.006 min
Response: 837023
Conc: 5.78 ug/ml



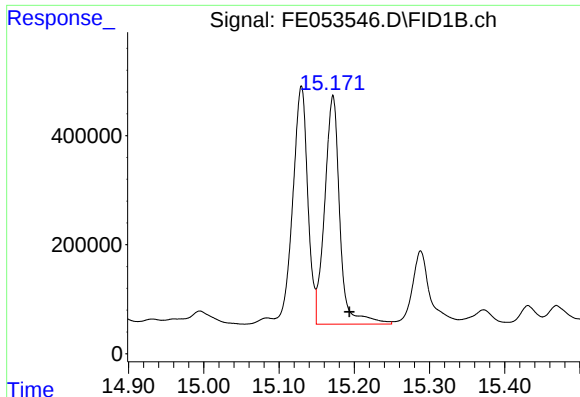
#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: -0.009 min
Response: 5333772
Conc: 39.46 ug/ml



#13 n-Docosane (C22)

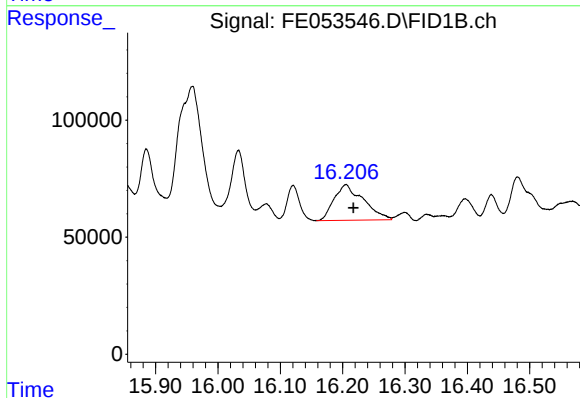
R.T.: 14.104 min
Delta R.T.: 0.017 min
Response: 1520703
Conc: 10.54 ug/ml



#14 n-Tetracosane (C24)

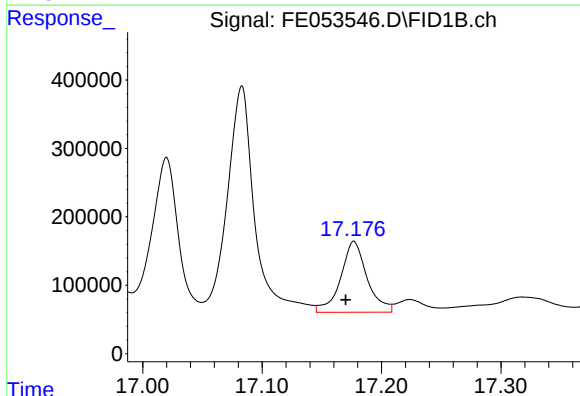
R.T.: 15.171 min
Delta R.T.: -0.022 min
Response: 5877752
Conc: 40.92 ug/ml

Instrument :
FID_E
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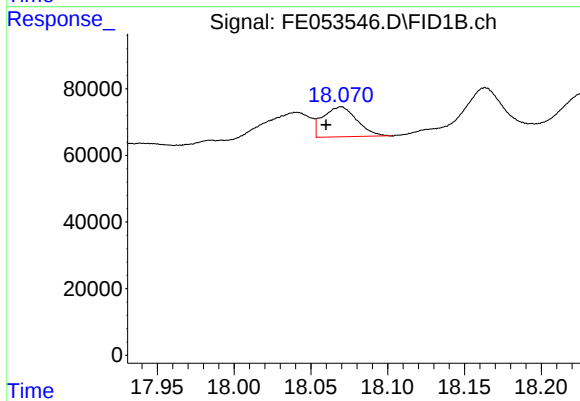
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.013 min
Response: 498653
Conc: 3.52 ug/ml



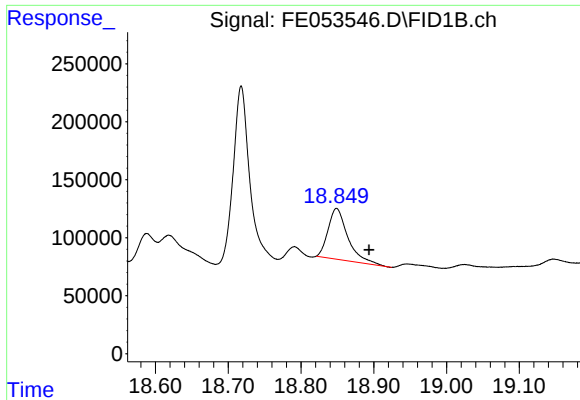
#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: 0.007 min
Response: 1599388
Conc: 11.50 ug/ml



#17 n-Tricontane (C30)

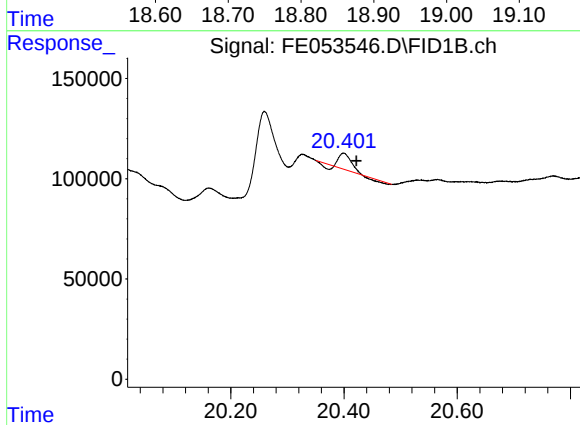
R.T.: 18.069 min
Delta R.T.: 0.009 min
Response: 137481
Conc: 0.99 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.044 min
Response: 829931
Conc: 6.04 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-C-EPH



#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: -0.023 min
Response: 83262
Conc: 0.66 ug/ml