

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051525AL\
 Data File : FE053859.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2025 22:13
 Operator : YP\AJ
 Sample : Q2043-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 15 23:26:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.853	6204632	38.180 ug/ml
Spiked Amount 50.000		Recovery =	76.36%
12) S 1-chlorooctadecane (S...	13.299	4713179	39.757 ug/ml
Spiked Amount 50.000		Recovery =	79.51%
Target Compounds			
6) T n-Tetradecane (C14)	8.467	1627345	12.059 ug/ml
7) T n-Hexadecane (C16)	10.090	96502	0.715 ug/ml
10) T n-Eicosane (C20)	12.852	470350	3.579 ug/ml
11) T n-Heneicosane (C21)	13.501	534319	4.121 ug/ml
13) T n-Docosane (C22)	14.051	157951	1.238 ug/ml
14) T n-Tetracosane (C24)	15.138	751537	6.007 ug/ml
17) T n-Tricontane (C30)	17.991	980002	7.867 ug/ml
18) T n-Dotriacontane (C32)	18.844	1122870	8.979 ug/ml
19) T n-Tetratriacontane (C34)	19.655	481318	4.041 ug/ml
21) T n-Octatriacontane (C38)	21.149	342871	3.151 ug/ml
22) T n-Tetracontane (C40)	21.993	321663	3.242 ug/ml

(f)=RT Delta > 1/2 Window

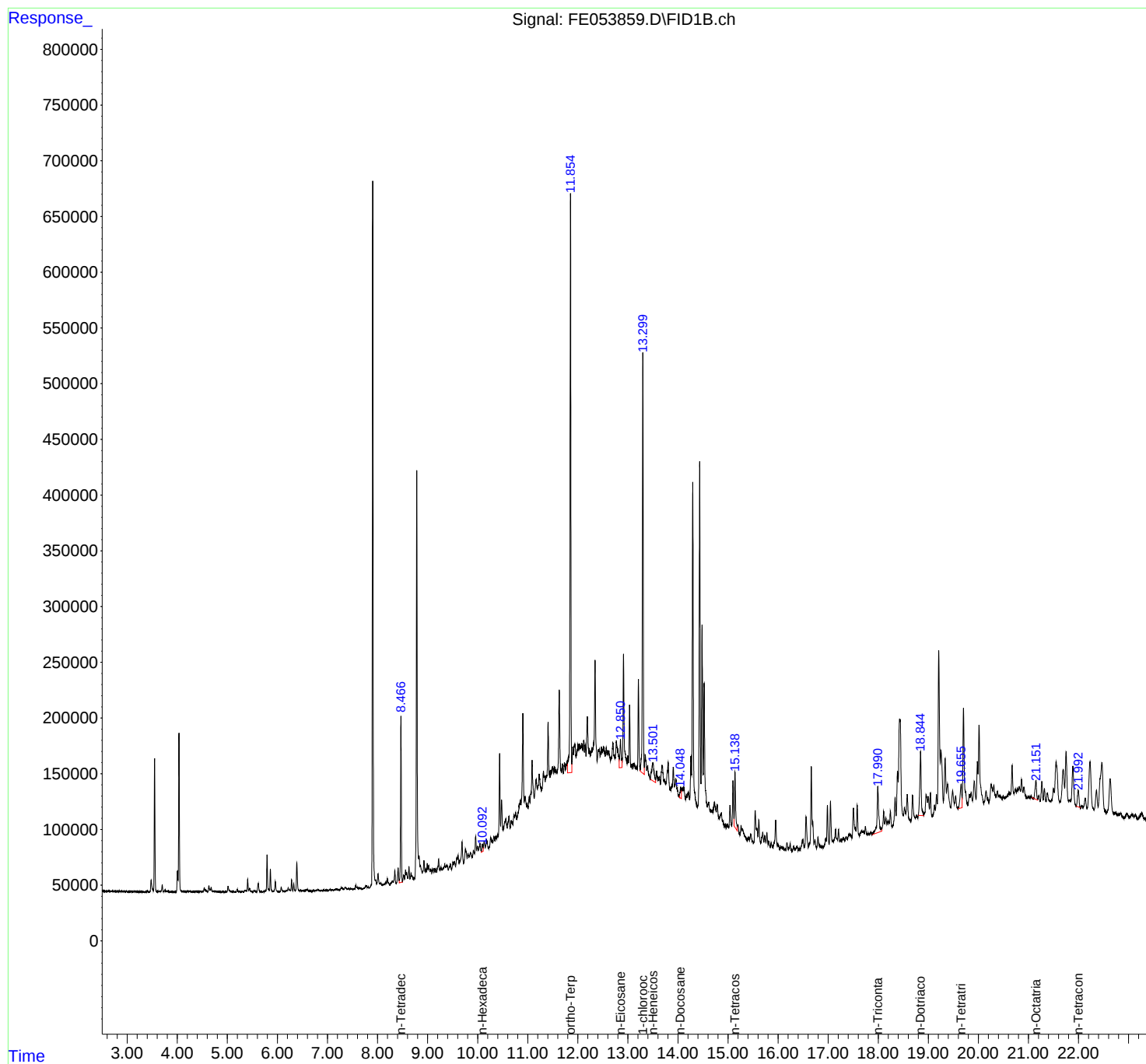
(m)=manual int.

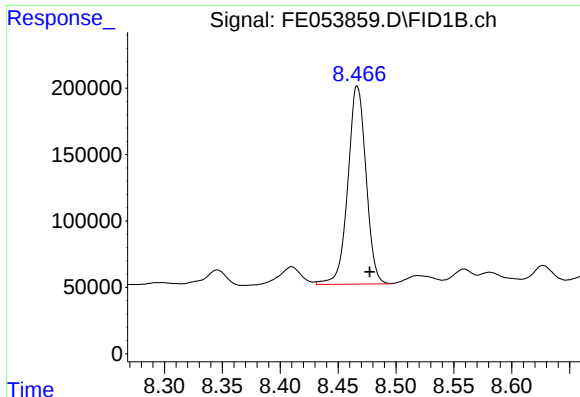
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Signal Info : 20M x 0.18mm x 0.18um

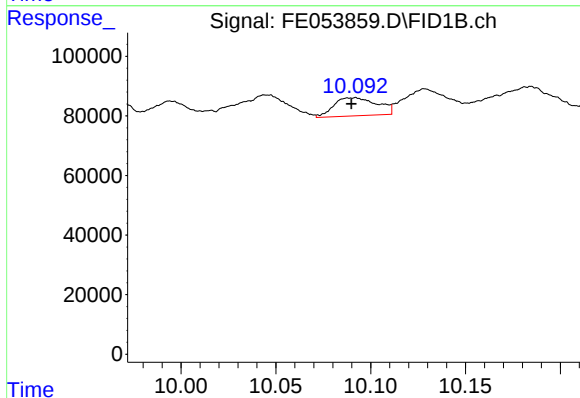




#6 n-Tetradecane (C14)

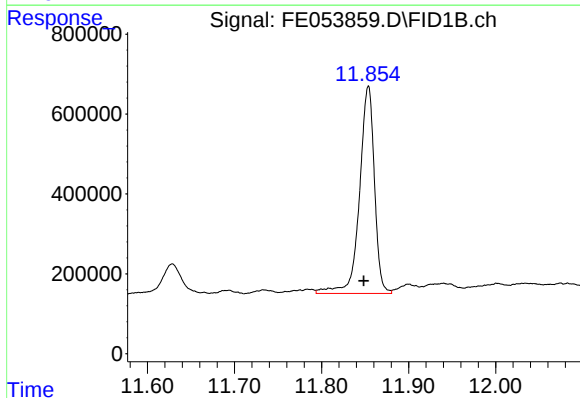
R.T.: 8.467 min
Delta R.T.: -0.010 min
Response: 1627345
Conc: 12.06 ug/ml

Instrument :
FID_E
ClientSampleId :



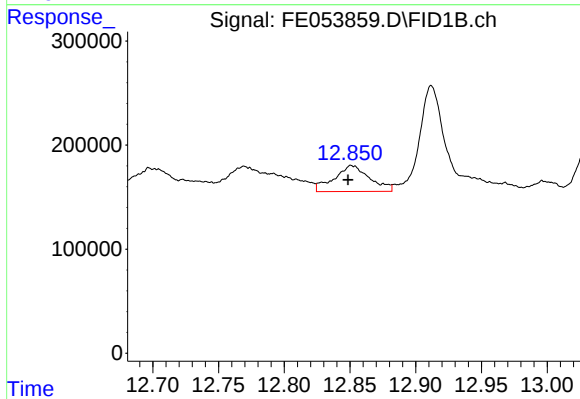
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: 0.000 min
Response: 96502
Conc: 0.72 ug/ml



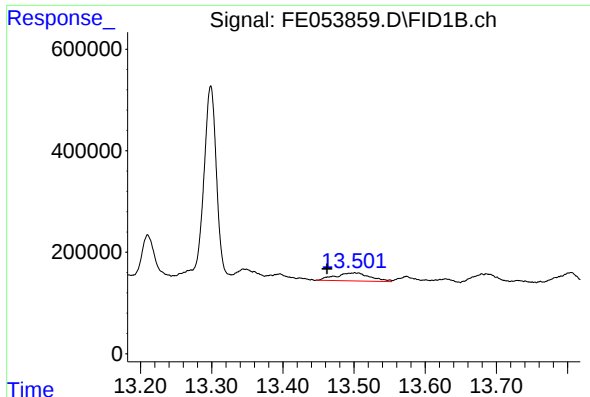
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: 0.005 min
Response: 6204632
Conc: 38.18 ug/ml



#10 n-Eicosane (C20)

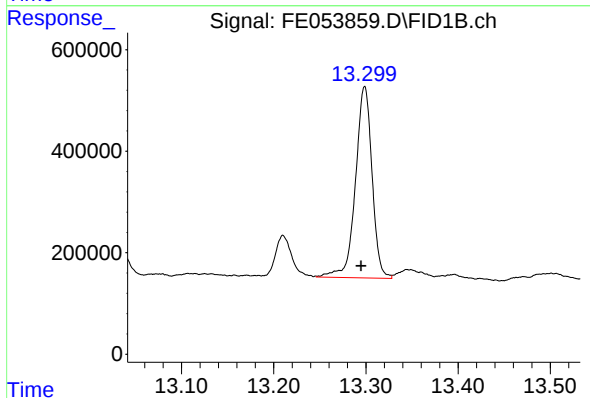
R.T.: 12.852 min
Delta R.T.: 0.003 min
Response: 470350
Conc: 3.58 ug/ml



#11 n-Heneicosane (C21)

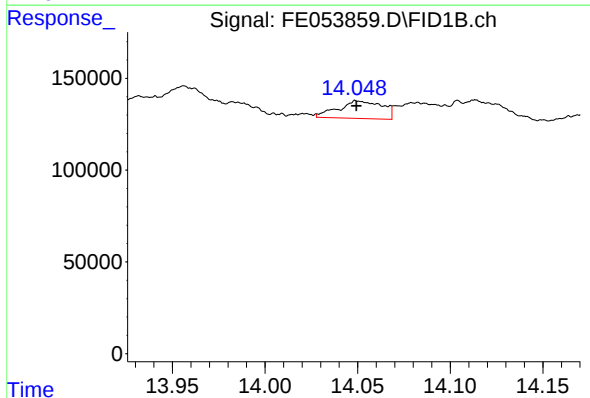
R.T.: 13.501 min
Delta R.T.: 0.039 min
Response: 534319
Conc: 4.12 ug/ml

Instrument :
FID_E
ClientSampleId :



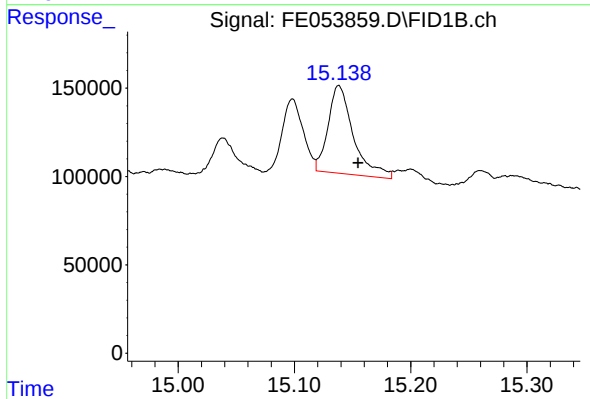
#12 1-chlorooctadecane (SURR)

R.T.: 13.299 min
Delta R.T.: 0.004 min
Response: 4713179
Conc: 39.76 ug/ml



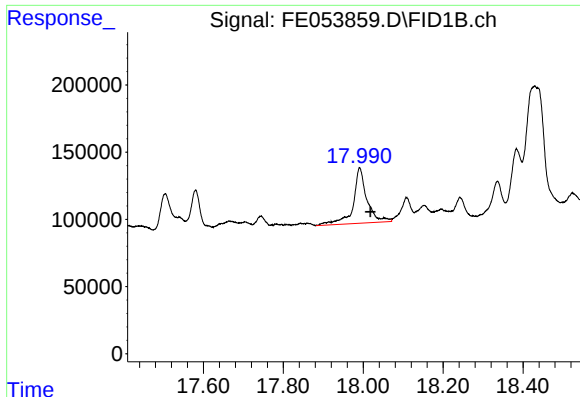
#13 n-Docosane (C22)

R.T.: 14.051 min
Delta R.T.: 0.002 min
Response: 157951
Conc: 1.24 ug/ml



#14 n-Tetracosane (C24)

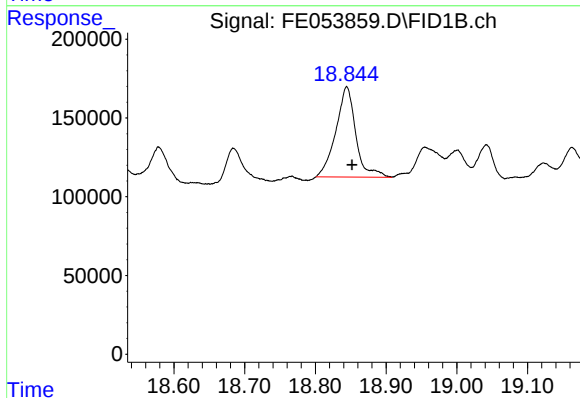
R.T.: 15.138 min
Delta R.T.: -0.016 min
Response: 751537
Conc: 6.01 ug/ml



#17 n-Tricontane (C30)

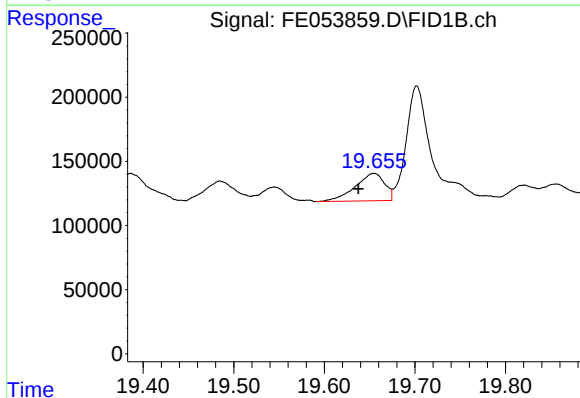
R.T.: 17.991 min
Delta R.T.: -0.027 min
Response: 980002
Conc: 7.87 ug/ml

Instrument :
FID_E
ClientSampleId :



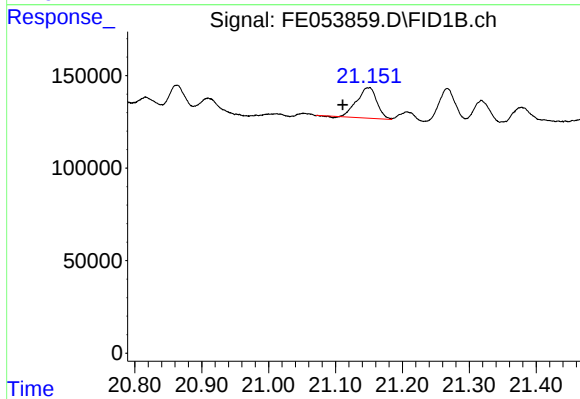
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.008 min
Response: 1122870
Conc: 8.98 ug/ml



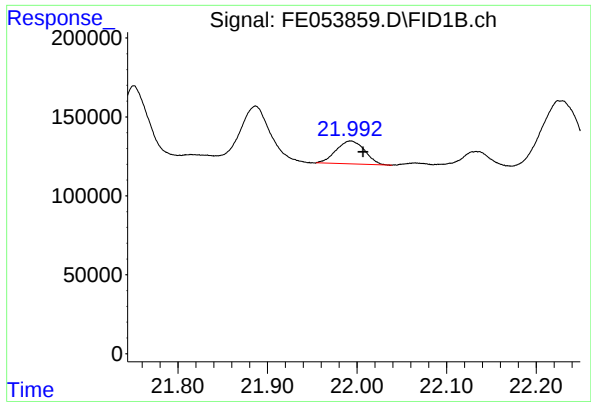
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.017 min
Response: 481318
Conc: 4.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: 0.038 min
Response: 342871
Conc: 3.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.014 min
Response: 321663
Conc: 3.24 ug/ml

Instrument :
FID_E
ClientSampleId :