

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100124AL\
 Data File : FE050451.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2024 14:30
 Operator : YP\AJ
 Sample : P4234-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 02 01:08:19 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)	11.865	4355128	29.272 ug/ml
Spiked Amount 50.000		Recovery =	58.54%
12) S 1-chlorooctadecane (S...	13.299	4159581	37.031 ug/ml
Spiked Amount 50.000		Recovery =	74.06%
Target Compounds			
7) T n-Hexadecane (C16)	10.103	108455	0.781 ug/ml
8) T n-Octadecane (C18)	11.543	141835	1.012 ug/ml
10) T n-Eicosane (C20)	12.850	175257	1.306 ug/ml
11) T n-Heneicosane (C21)	13.462	92354	0.703 ug/ml
13) T n-Docosane (C22)	14.049	202160	1.552 ug/ml
14) T n-Tetracosane (C24)	15.147	1174871	8.997 ug/ml
15) T n-Hexacosane (C26)	16.169	26239	0.205 ug/ml
16) T n-Octacosane (C28)	17.156	566221	4.396 ug/ml
17) T n-Tricontane (C30)	18.005	477919	3.574 ug/ml
18) T n-Dotriacontane (C32)	18.836	211482	1.587 ug/ml
19) T n-Tetratriacontane (C34)	19.643	209948	1.699 ug/ml
20) T n-Hexatriacontane (C36)	20.362	39031	0.352 ug/ml

(f)=RT Delta > 1/2 Window

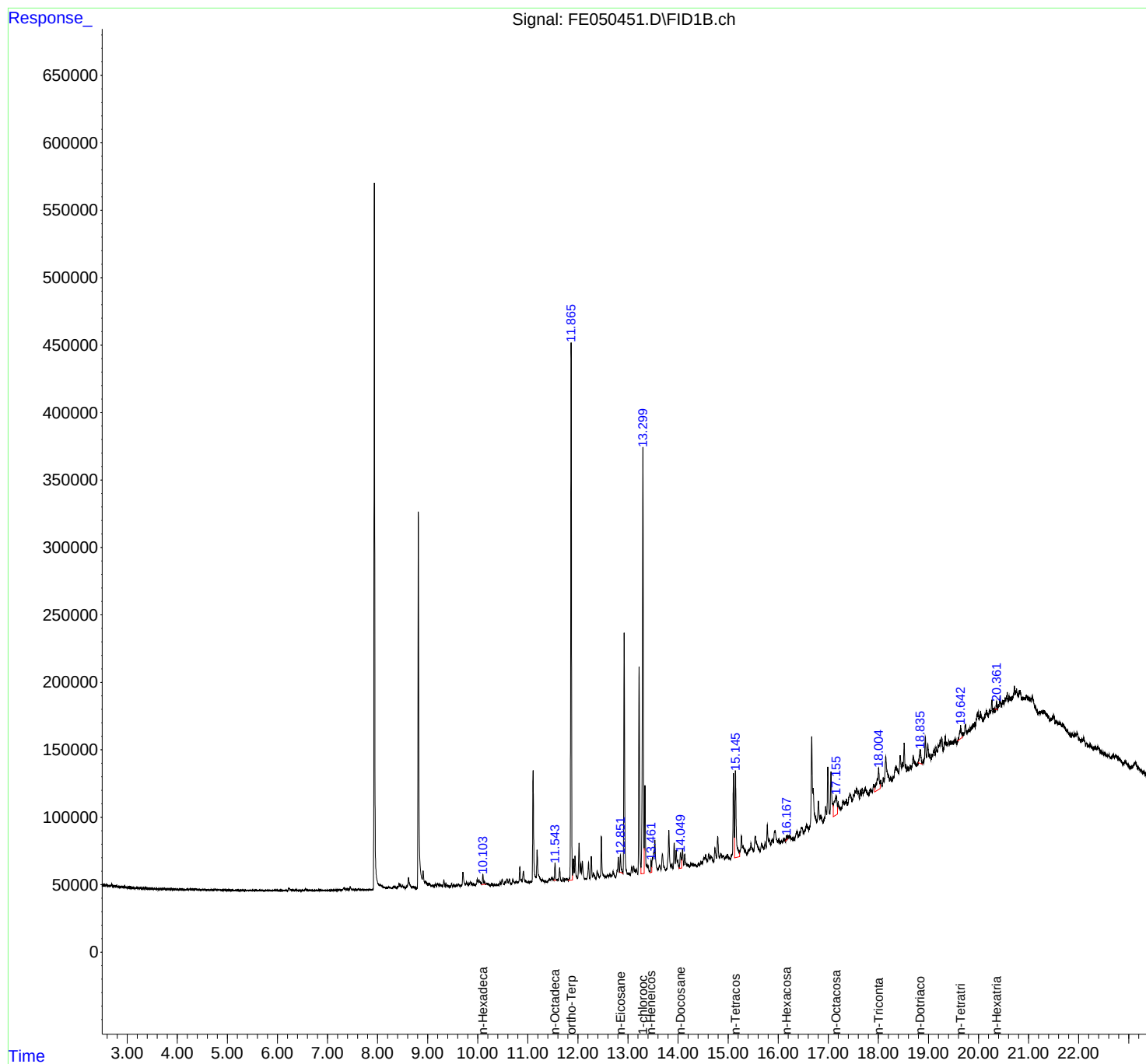
(m)=manual int.

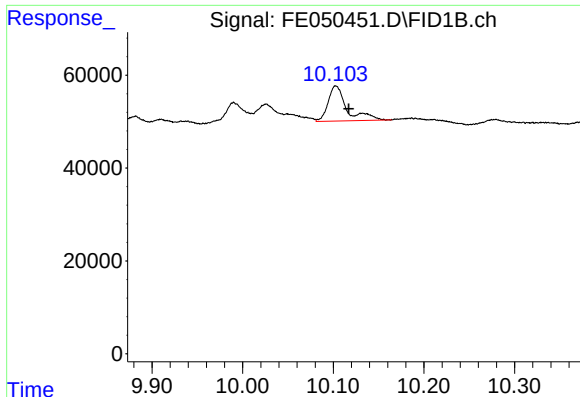
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Signal Info : 20M x 0.18mm x 0.18um

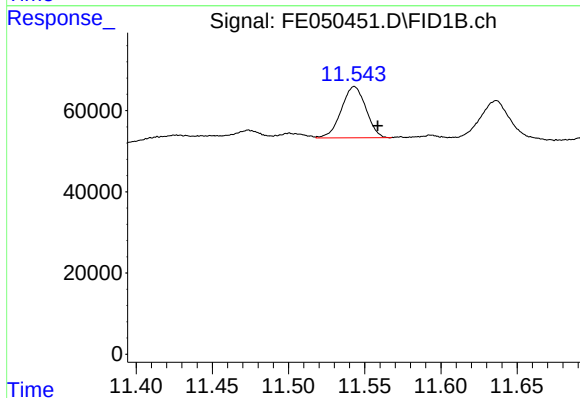




#7 n-Hexadecane (C16)

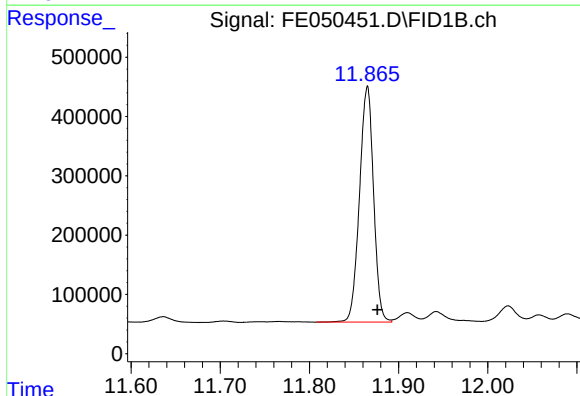
R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 108455
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :



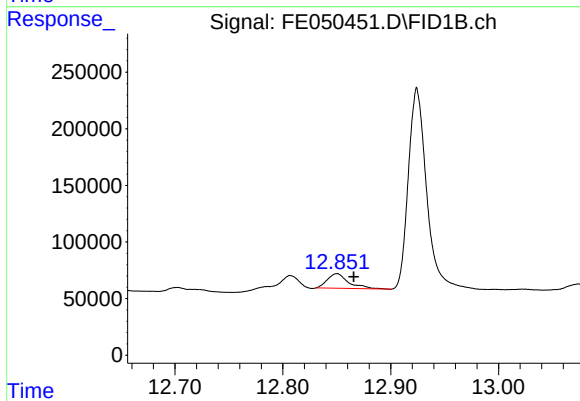
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.015 min
Response: 141835
Conc: 1.01 ug/ml



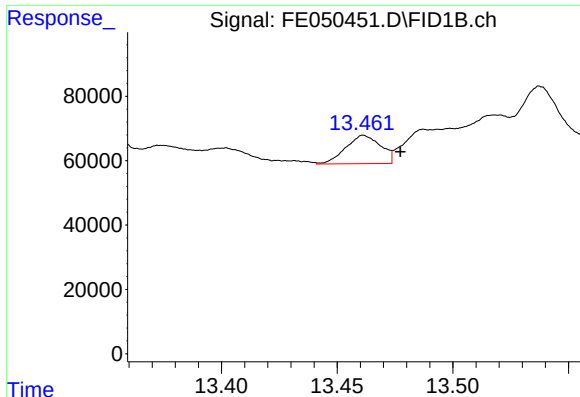
#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min
Delta R.T.: -0.012 min
Response: 4355128
Conc: 29.27 ug/ml



#10 n-Eicosane (C20)

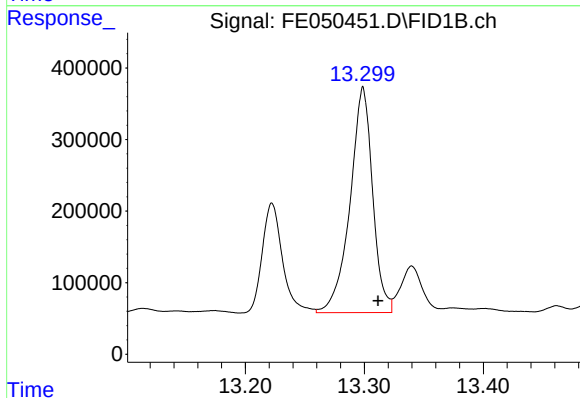
R.T.: 12.850 min
Delta R.T.: -0.016 min
Response: 175257
Conc: 1.31 ug/ml



#11 n-Heneicosane (C21)

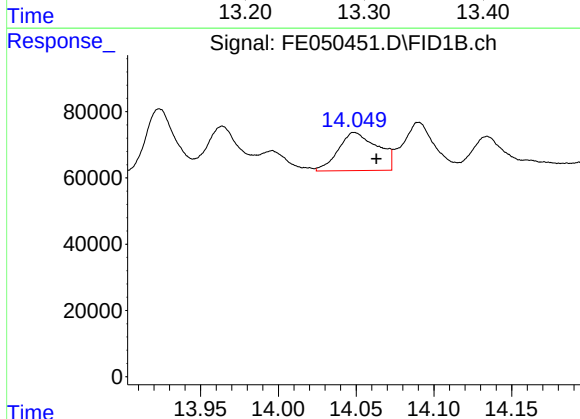
R.T.: 13.462 min
Delta R.T.: -0.015 min
Response: 92354
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



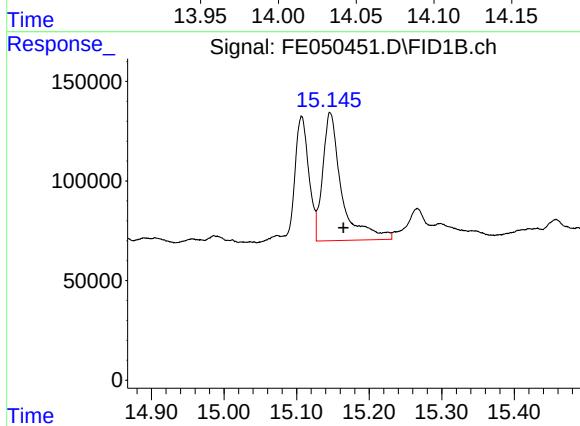
#12 1-chlorooctadecane (SURR)

R.T.: 13.299 min
Delta R.T.: -0.013 min
Response: 4159581
Conc: 37.03 ug/ml



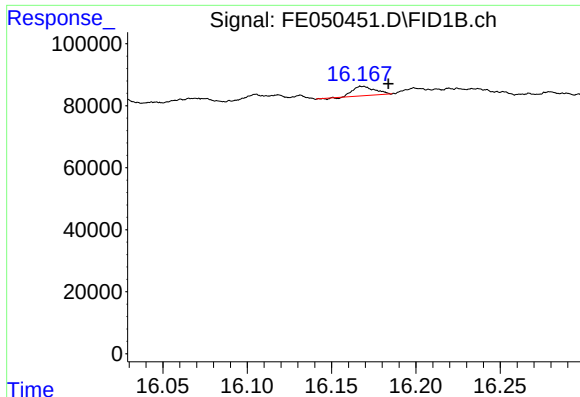
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.014 min
Response: 202160
Conc: 1.55 ug/ml



#14 n-Tetracosane (C24)

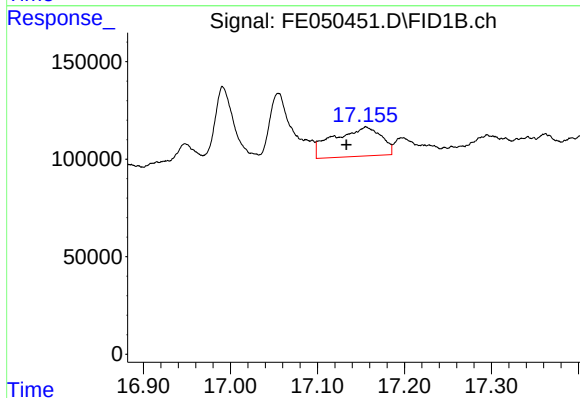
R.T.: 15.147 min
Delta R.T.: -0.018 min
Response: 1174871
Conc: 9.00 ug/ml



#15 n-Hexacosane (C26)

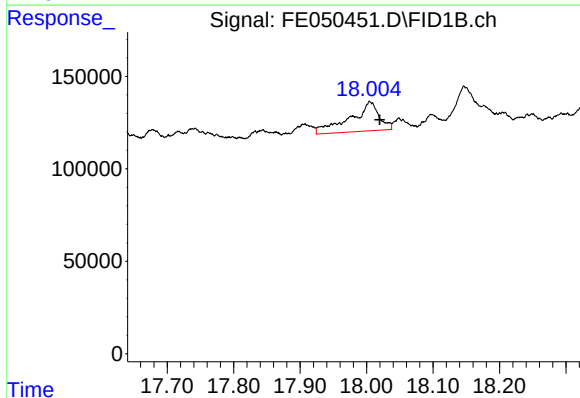
R.T.: 16.169 min
Delta R.T.: -0.015 min
Response: 26239
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



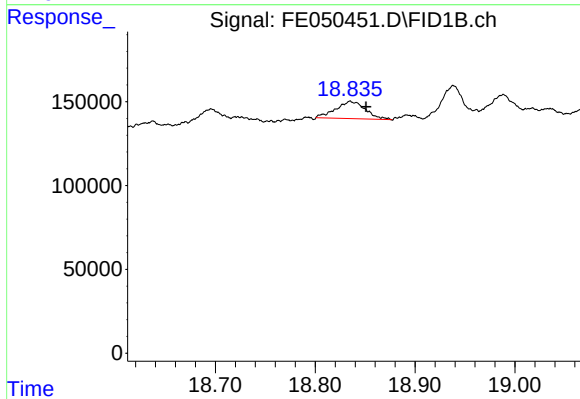
#16 n-Octacosane (C28)

R.T.: 17.156 min
Delta R.T.: 0.023 min
Response: 566221
Conc: 4.40 ug/ml



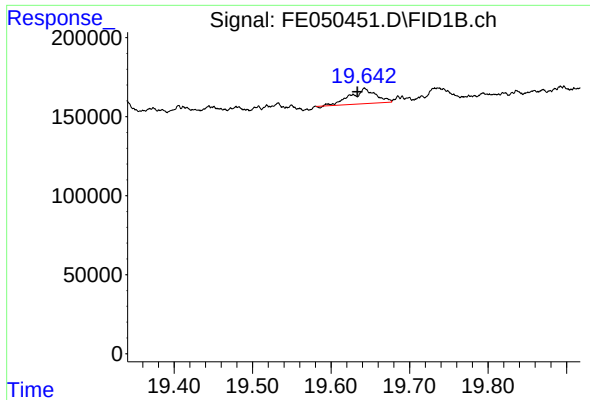
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: -0.014 min
Response: 477919
Conc: 3.57 ug/ml



#18 n-Dotriacontane (C32)

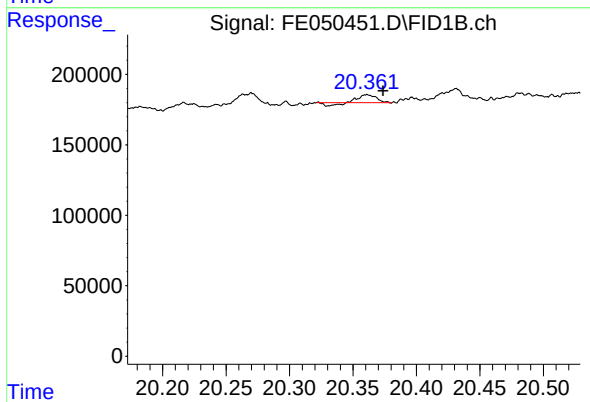
R.T.: 18.836 min
Delta R.T.: -0.015 min
Response: 211482
Conc: 1.59 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: 0.010 min
Response: 209948
Conc: 1.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.012 min
Response: 39031
Conc: 0.35 ug/ml