

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091924AL\
 Data File : FE050202.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2024 08:32
 Operator : YP\AJ
 Sample : P4098-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 01:35:19 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)	11.870	907277	6.098 ug/ml
Spiked Amount 50.000		Recovery =	12.20%
12) S 1-chlorooctadecane (S...	13.305	676227	6.020 ug/ml
Spiked Amount 50.000		Recovery =	12.04%
Target Compounds			
6) T n-Tetradecane (C14)	8.504	139075	1.021 ug/ml
7) T n-Hexadecane (C16)	10.110	310890	2.238 ug/ml
8) T n-Octadecane (C18)	11.551	335731	2.396 ug/ml
10) T n-Eicosane (C20)	12.858	256983	1.916 ug/ml
11) T n-Heneicosane (C21)	13.470	167035	1.271 ug/ml
13) T n-Docosane (C22)	14.055	131218	1.008 ug/ml
14) T n-Tetracosane (C24)	15.158	62287	0.477 ug/ml
15) T n-Hexacosane (C26)	16.178	36627	0.286 ug/ml
16) T n-Octacosane (C28)	17.126	129943	1.009 ug/ml
17) T n-Tricontane (C30)	18.012	158367	1.184 ug/ml
18) T n-Dotriacontane (C32)	18.843	110903	0.832 ug/ml
19) T n-Tetratriacontane (C34)	19.627	132218	1.070 ug/ml
20) T n-Hexatriacontane (C36)	20.366	80931	0.729 ug/ml
21) T n-Octatriacontane (C38)	21.095	53343	0.484 ug/ml

(f)=RT Delta > 1/2 Window

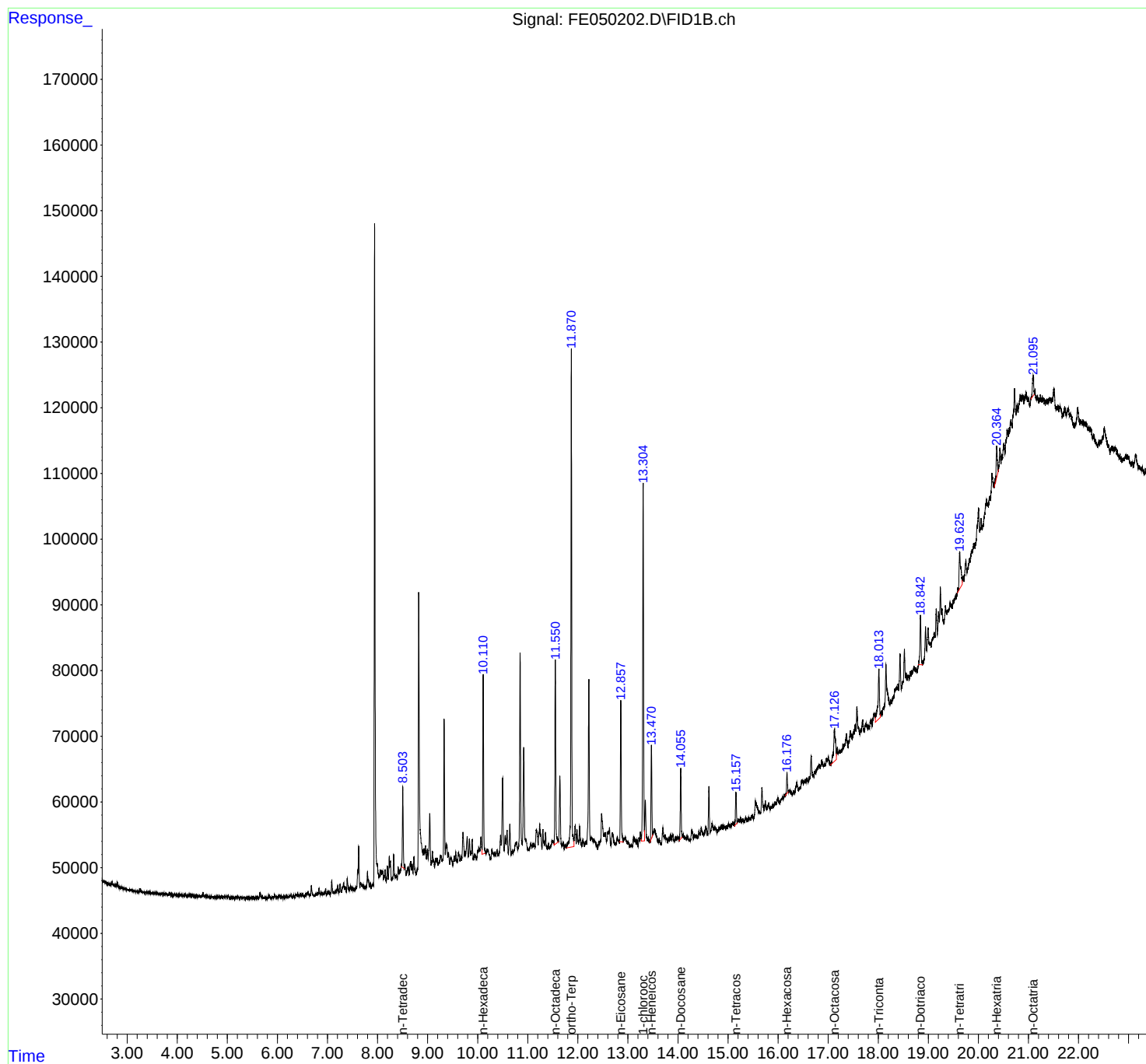
(m)=manual int.

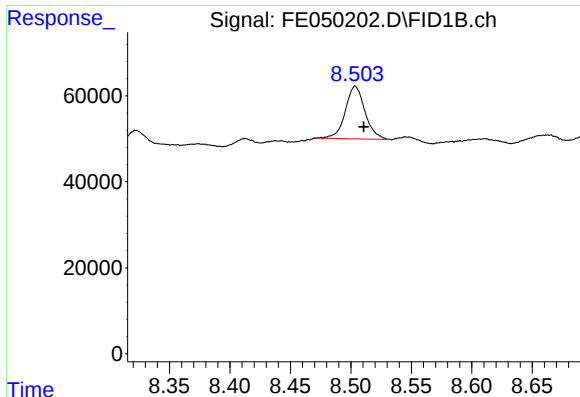
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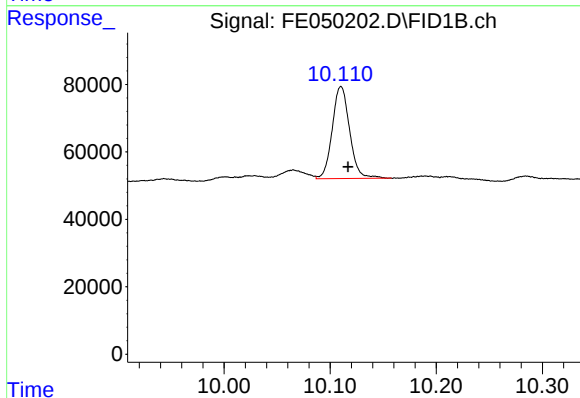




#6 n-Tetradecane (C14)

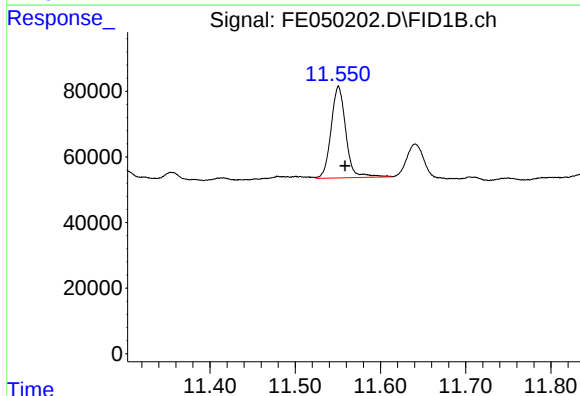
R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 139075
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :



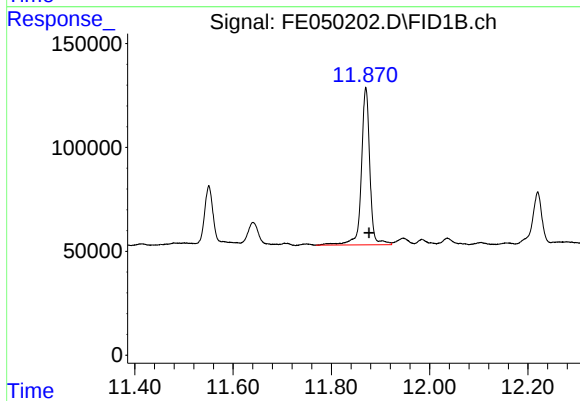
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.007 min
Response: 310890
Conc: 2.24 ug/ml



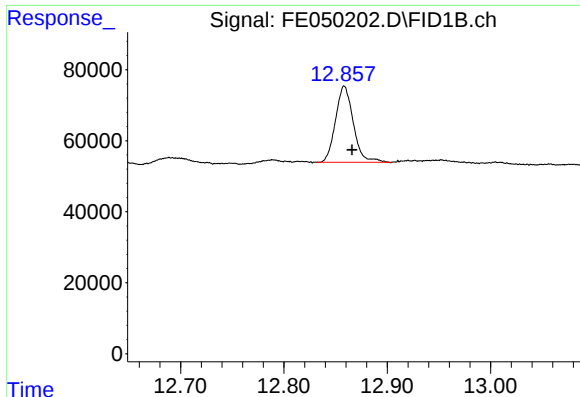
#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.008 min
Response: 335731
Conc: 2.40 ug/ml



#9 ortho-Terphenyl (SURR)

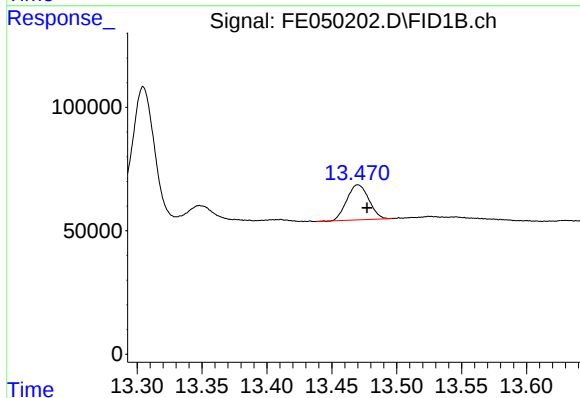
R.T.: 11.870 min
Delta R.T.: -0.006 min
Response: 907277
Conc: 6.10 ug/ml



#10 n-Eicosane (C20)

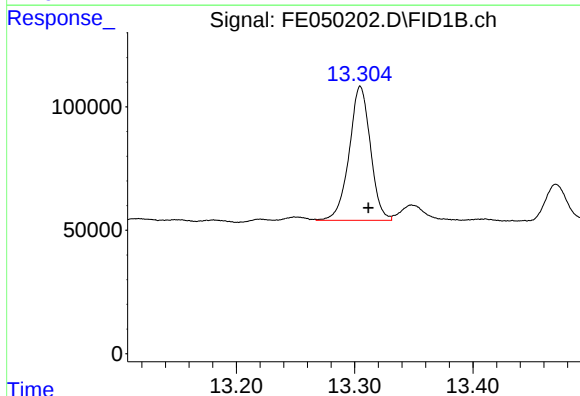
R.T.: 12.858 min
Delta R.T.: -0.007 min
Response: 256983
Conc: 1.92 ug/ml

Instrument :
FID_E
ClientSampleId :



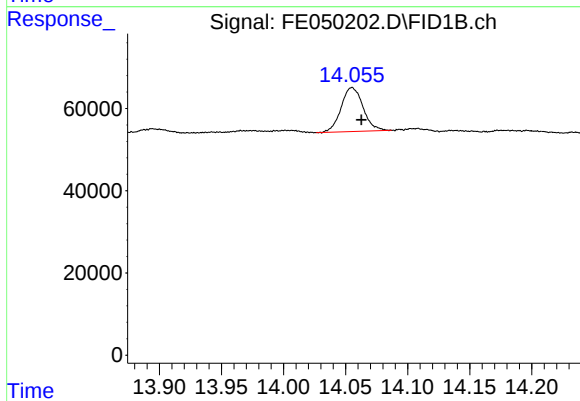
#11 n-Heneicosane (C21)

R.T.: 13.470 min
Delta R.T.: -0.007 min
Response: 167035
Conc: 1.27 ug/ml



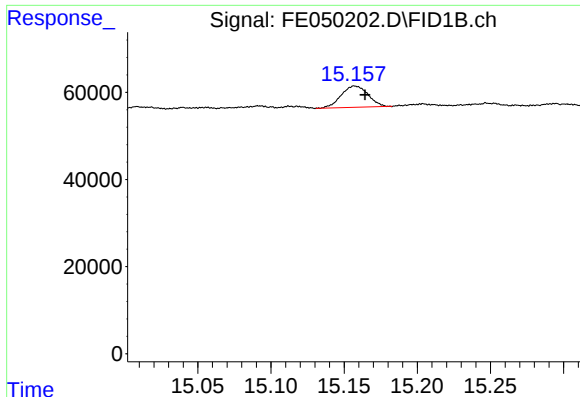
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: -0.007 min
Response: 676227
Conc: 6.02 ug/ml



#13 n-Docosane (C22)

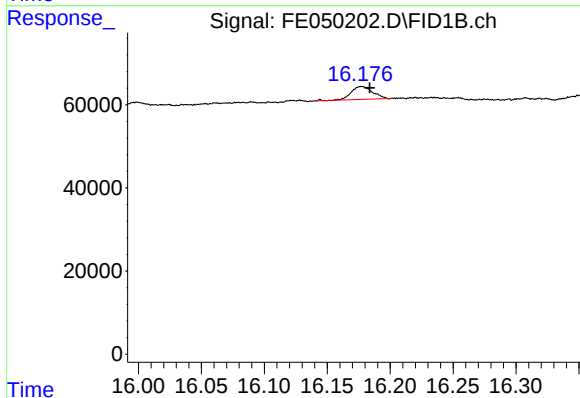
R.T.: 14.055 min
Delta R.T.: -0.008 min
Response: 131218
Conc: 1.01 ug/ml



#14 n-Tetracosane (C24)

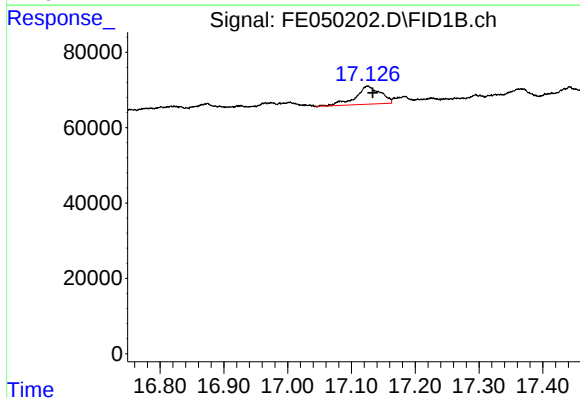
R.T.: 15.158 min
Delta R.T.: -0.007 min
Response: 62287
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :



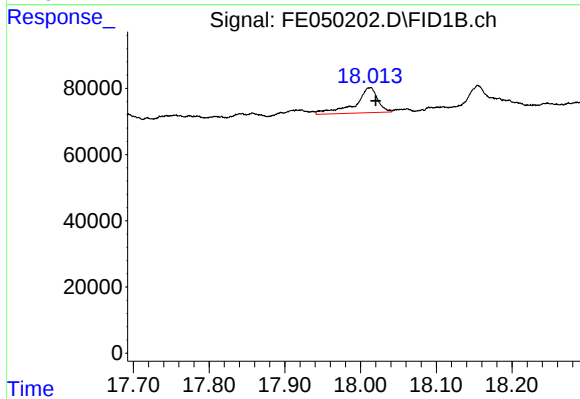
#15 n-Hexacosane (C26)

R.T.: 16.178 min
Delta R.T.: -0.006 min
Response: 36627
Conc: 0.29 ug/ml



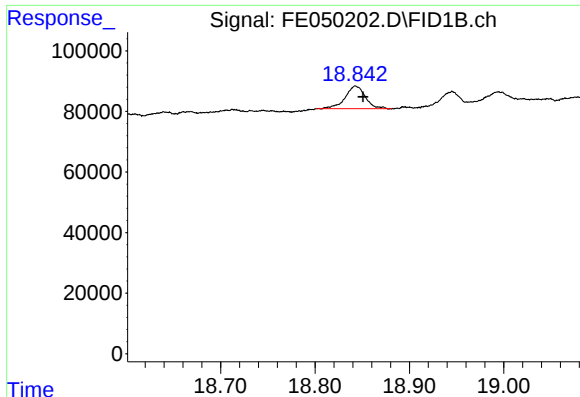
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: -0.008 min
Response: 129943
Conc: 1.01 ug/ml



#17 n-Tricontane (C30)

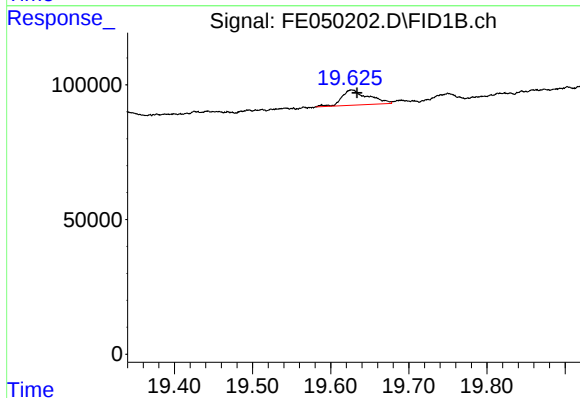
R.T.: 18.012 min
Delta R.T.: -0.008 min
Response: 158367
Conc: 1.18 ug/ml



#18 n-Dotriacontane (C32)

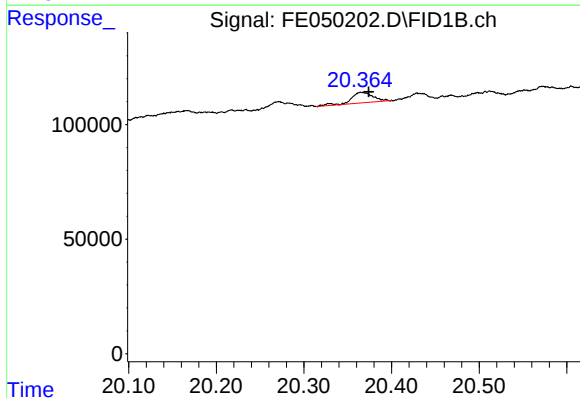
R.T.: 18.843 min
Delta R.T.: -0.008 min
Response: 110903
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :



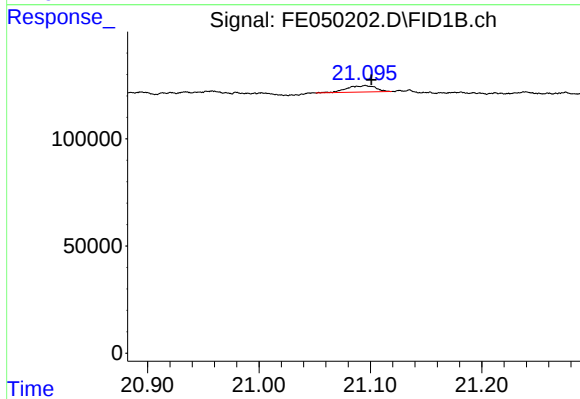
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.007 min
Response: 132218
Conc: 1.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.008 min
Response: 80931
Conc: 0.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.006 min
Response: 53343
Conc: 0.48 ug/ml