

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050724AL\
 Data File : FE048021.D
 Signal(s) : FID1B.ch
 Acq On : 07 May 2024 19:25
 Operator : YP\AJ
 Sample : P2398-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 08 01:29:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.973	6131418	42.501 ug/ml
Spiked Amount 50.000		Recovery =	85.00%
12) S 1-chlorooctadecane (S...	13.408	5042245	45.124 ug/ml
Spiked Amount 50.000		Recovery =	90.25%
Target Compounds			
4) T n-Dodecane (C12)	6.768	49995	0.375 ug/ml
6) T n-Tetradecane (C14)	8.597	76245	0.575 ug/ml
7) T n-Hexadecane (C16)	10.204	79265	0.576 ug/ml
8) T n-Octadecane (C18)	11.648	87043	0.625 ug/ml
10) T n-Eicosane (C20)	12.958	69988	0.520 ug/ml
11) T n-Heneicosane (C21)	13.571	55757	0.421 ug/ml
13) T n-Docosane (C22)	14.156	46897	0.354 ug/ml
14) T n-Tetracosane (C24)	15.257	85524	0.642 ug/ml
16) T n-Octacosane (C28)	17.228	71775	0.539 ug/ml
17) T n-Tricontane (C30)	18.115	72924	0.528 ug/ml
18) T n-Dotriacontane (C32)	18.946	77654	0.562 ug/ml
19) T n-Tetratriacontane (C34)	19.732	40140	0.295 ug/ml
20) T n-Hexatriacontane (C36)	20.475	26005	0.192 ug/ml

(f)=RT Delta > 1/2 Window

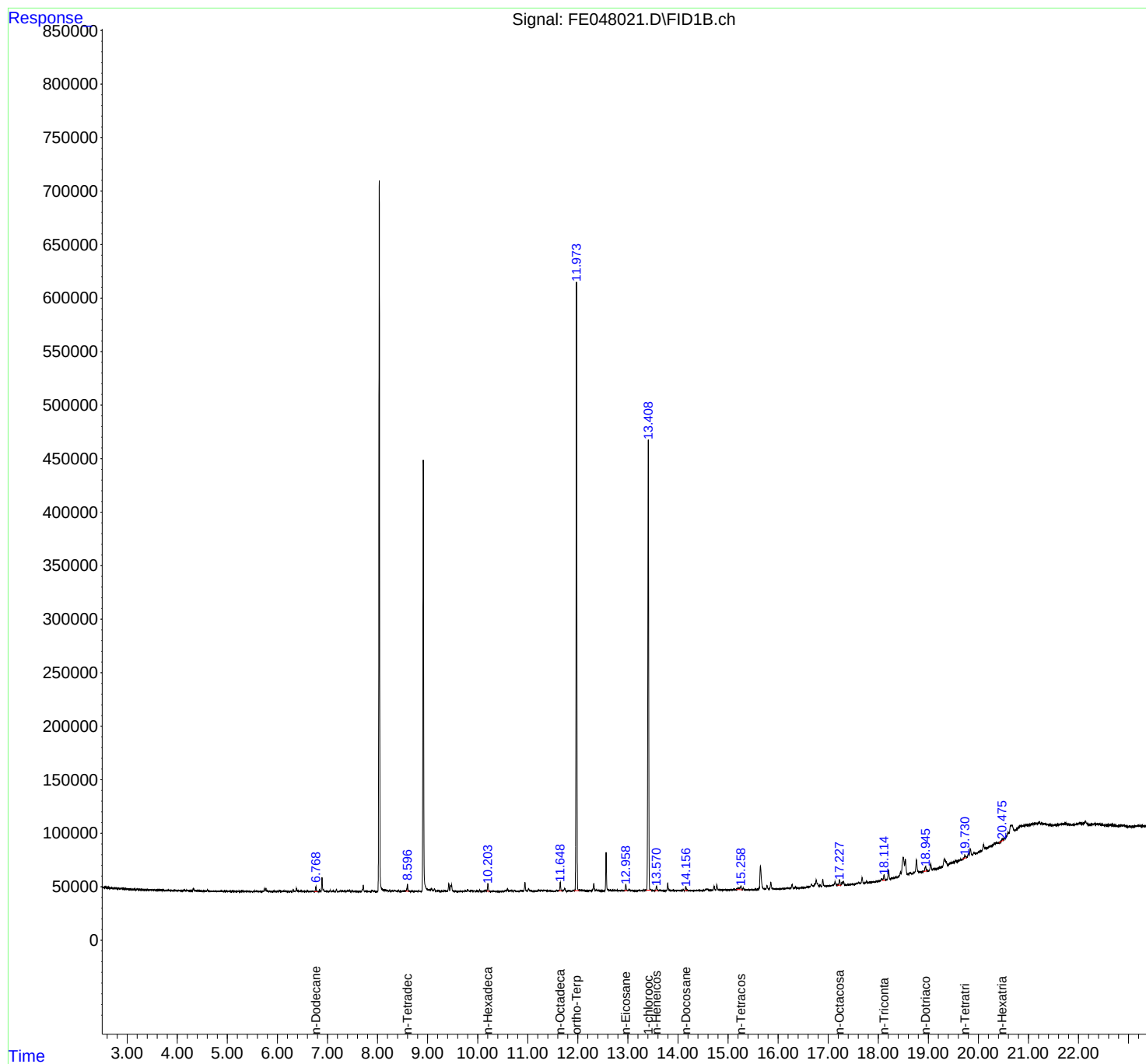
(m)=manual int.

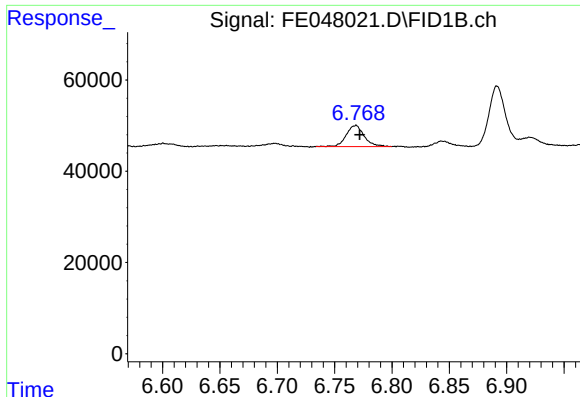
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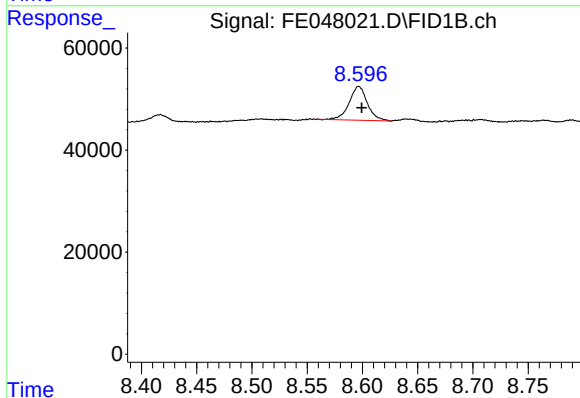




#4 n-Dodecane (C12)

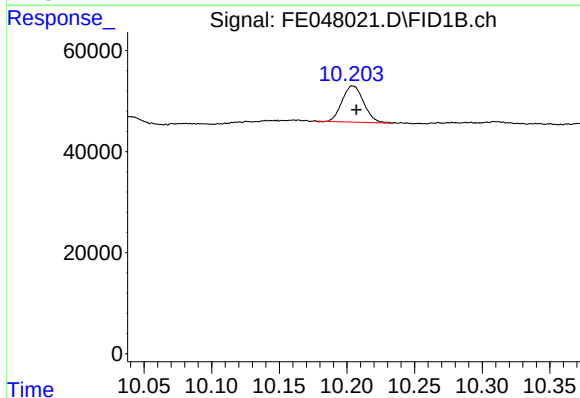
R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 49995
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



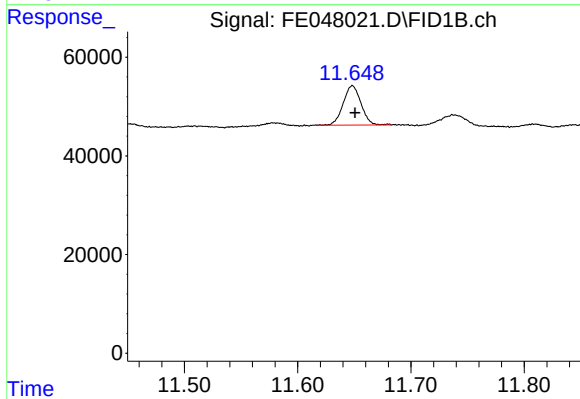
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.003 min
Response: 76245
Conc: 0.58 ug/ml



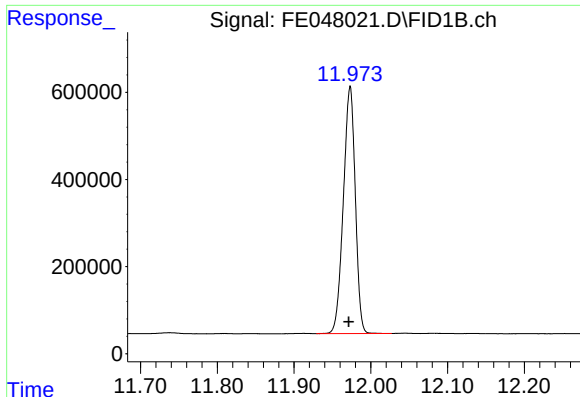
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.003 min
Response: 79265
Conc: 0.58 ug/ml



#8 n-Octadecane (C18)

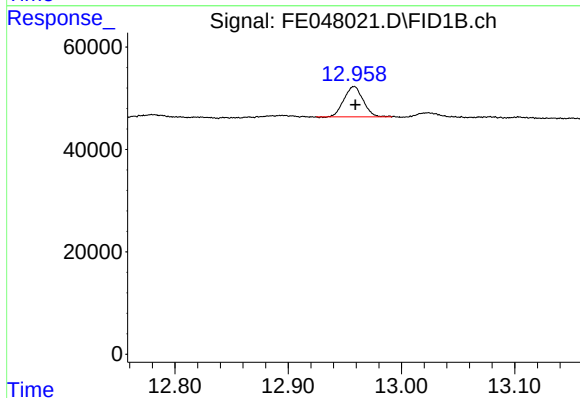
R.T.: 11.648 min
Delta R.T.: -0.002 min
Response: 87043
Conc: 0.62 ug/ml



#9 ortho-Terphenyl (SURR)

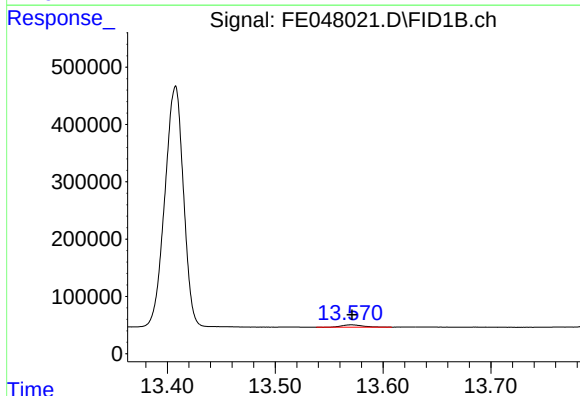
R.T.: 11.973 min
Delta R.T.: 0.002 min
Response: 6131418
Conc: 42.50 ug/ml

Instrument :
FID_E
ClientSampleId :



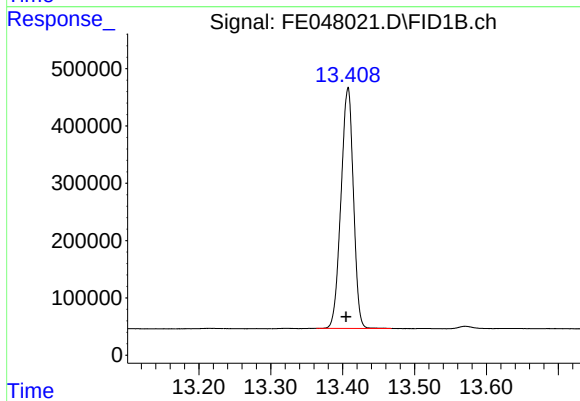
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 69988
Conc: 0.52 ug/ml



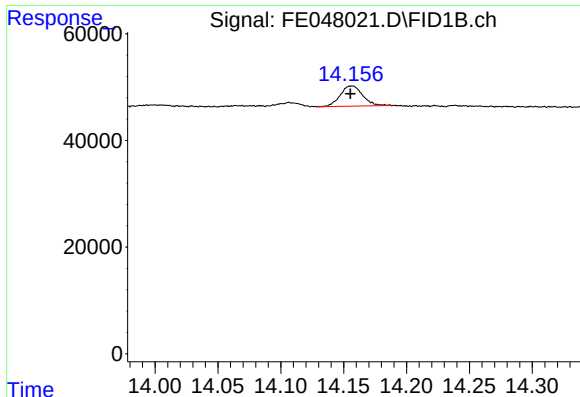
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 55757
Conc: 0.42 ug/ml



#12 1-chlorooctadecane (SURR)

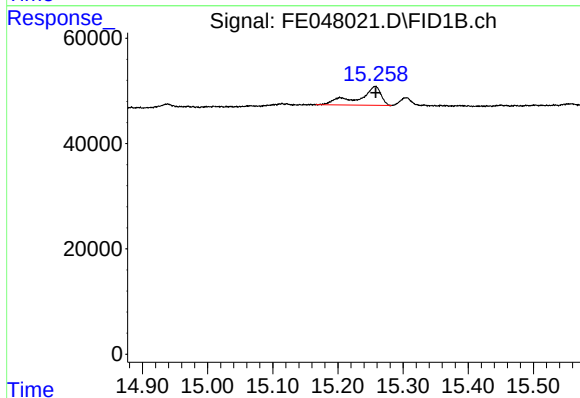
R.T.: 13.408 min
Delta R.T.: 0.003 min
Response: 5042245
Conc: 45.12 ug/ml



#13 n-Docosane (C22)

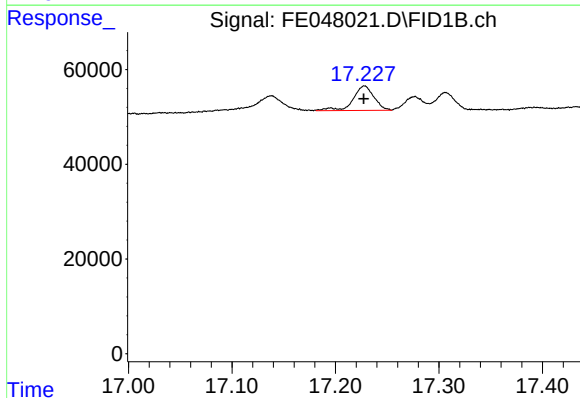
R.T.: 14.156 min
Delta R.T.: 0.001 min
Response: 46897
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



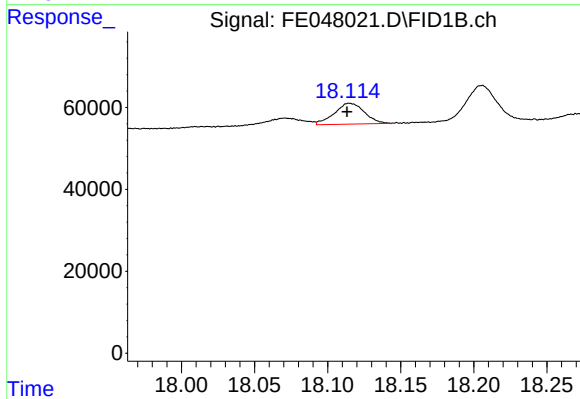
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: 0.000 min
Response: 85524
Conc: 0.64 ug/ml



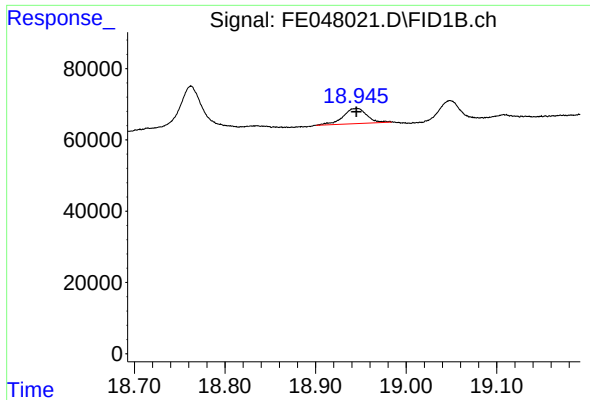
#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: 0.000 min
Response: 71775
Conc: 0.54 ug/ml



#17 n-Tricontane (C30)

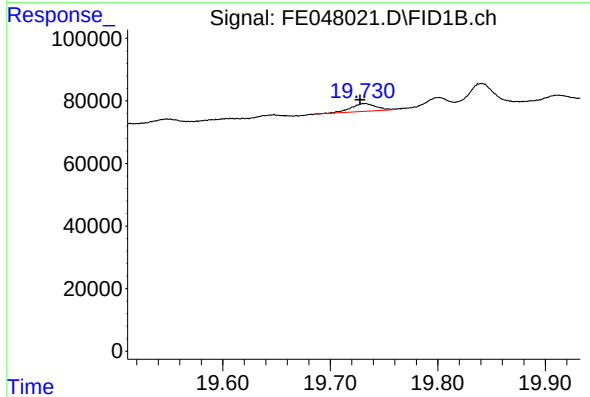
R.T.: 18.115 min
Delta R.T.: 0.002 min
Response: 72924
Conc: 0.53 ug/ml



#18 n-Dotriacontane (C32)

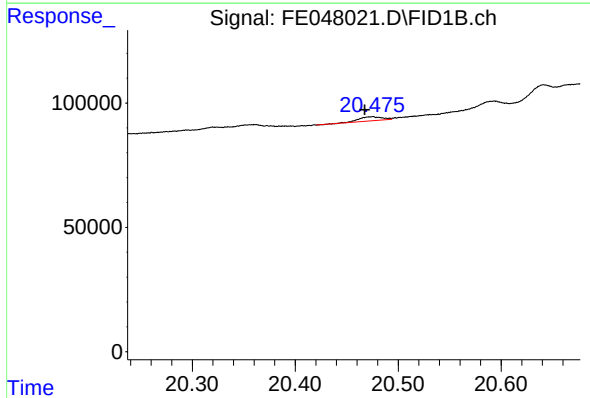
R.T.: 18.946 min
Delta R.T.: 0.000 min
Response: 77654
Conc: 0.56 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: 0.004 min
Response: 40140
Conc: 0.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.008 min
Response: 26005
Conc: 0.19 ug/ml