

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070324AL\
 Data File : FE048982.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2024 18:44
 Operator : YP\AJ
 Sample : P3148-02DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 04 01:18:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.938	379306	2.268 ug/ml
Spiked Amount 50.000		Recovery =	4.54%
12) S 1-chlorooctadecane (S...	13.360	913081	7.101 ug/ml
Spiked Amount 50.000		Recovery =	14.20%
Target Compounds			
6) T n-Tetradecane (C14)	8.567	48023	0.313 ug/ml
7) T n-Hexadecane (C16)	10.175	83078	0.531 ug/ml
8) T n-Octadecane (C18)	11.618	89021	0.558 ug/ml
10) T n-Eicosane (C20)	12.928	87031	0.561 ug/ml
11) T n-Heneicosane (C21)	13.541	65654	0.431 ug/ml
13) T n-Docosane (C22)	14.127	47441	0.314 ug/ml
14) T n-Tetracosane (C24)	15.227	73247	0.487 ug/ml
15) T n-Hexacosane (C26)	16.254	30372	0.206 ug/ml
16) T n-Octacosane (C28)	17.200	40369	0.280 ug/ml
17) T n-Tricontane (C30)	18.089	401432	2.744 ug/ml
18) T n-Dotriacontane (C32)	18.922	180361	1.261 ug/ml
19) T n-Tetratriacontane (C34)	19.705	48820	0.353 ug/ml
21) T n-Octatriacontane (C38)	21.181	83399	0.651 ug/ml
22) T n-Tetracontane (C40)	22.086	515185	4.207 ug/ml

(f)=RT Delta > 1/2 Window

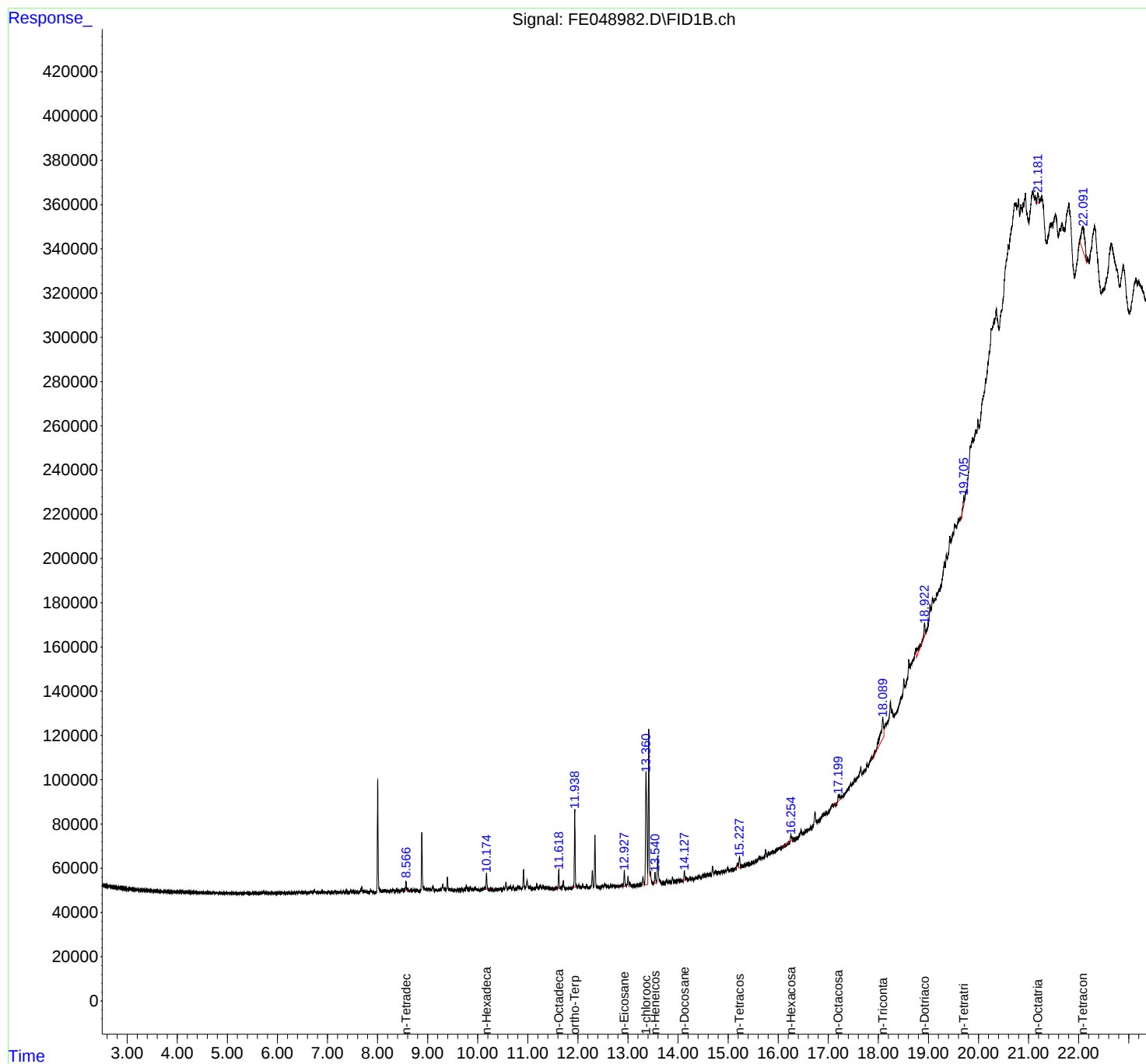
(m)=manual int.

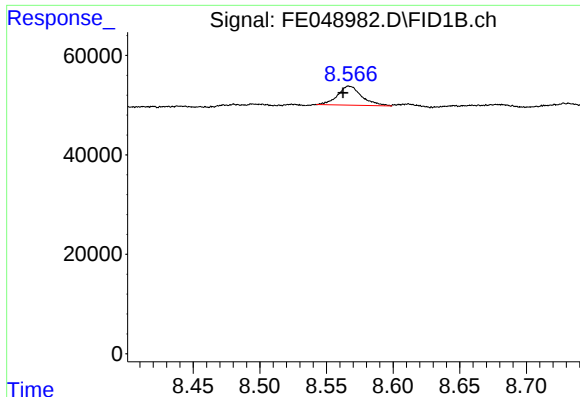
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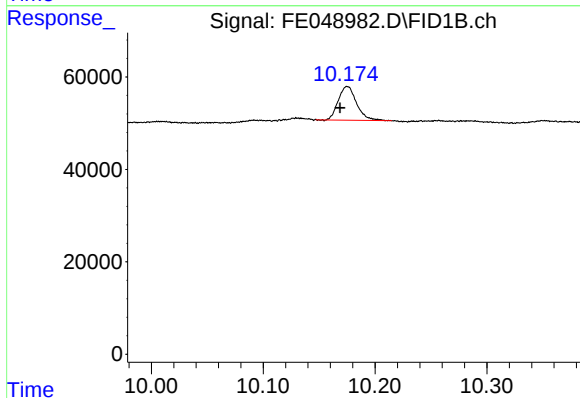




#6 n-Tetradecane (C14)

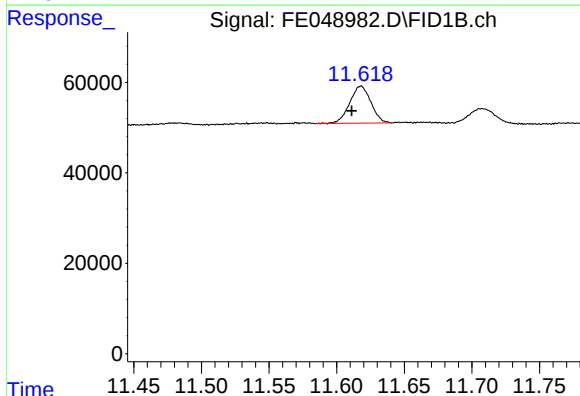
R.T.: 8.567 min
Delta R.T.: 0.004 min
Response: 48023
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



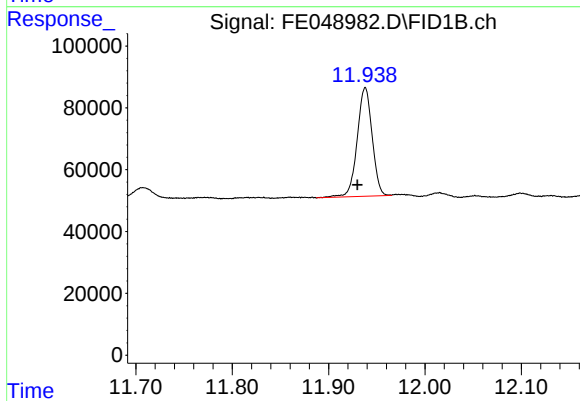
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.006 min
Response: 83078
Conc: 0.53 ug/ml



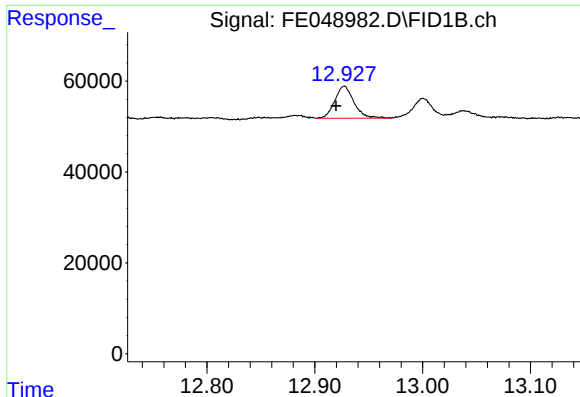
#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.007 min
Response: 89021
Conc: 0.56 ug/ml



#9 ortho-Terphenyl (SURR)

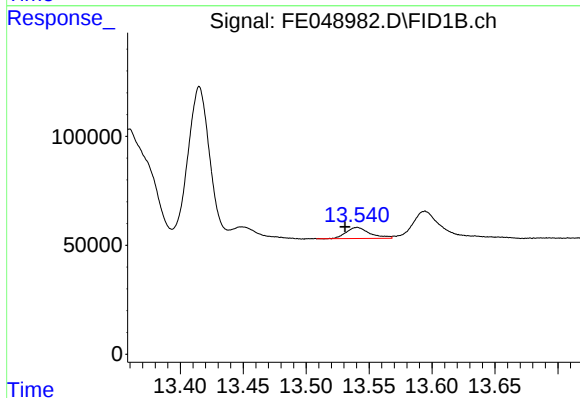
R.T.: 11.938 min
Delta R.T.: 0.008 min
Response: 379306
Conc: 2.27 ug/ml



#10 n-Eicosane (C20)

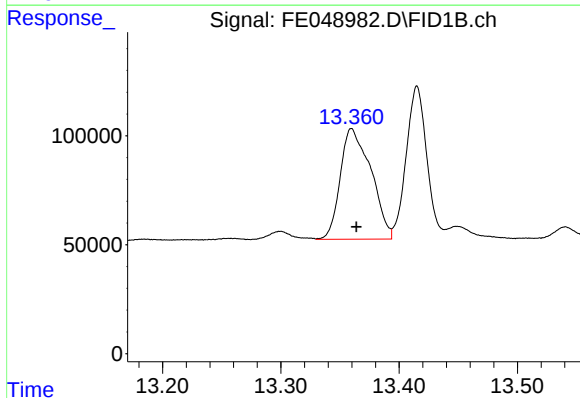
R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 87031
Conc: 0.56 ug/ml

Instrument :
FID_E
ClientSampleId :



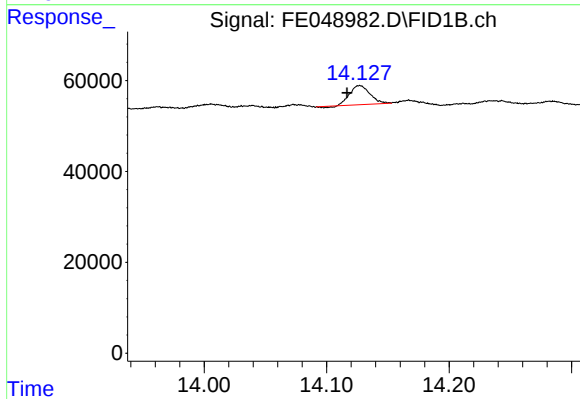
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: 0.010 min
Response: 65654
Conc: 0.43 ug/ml



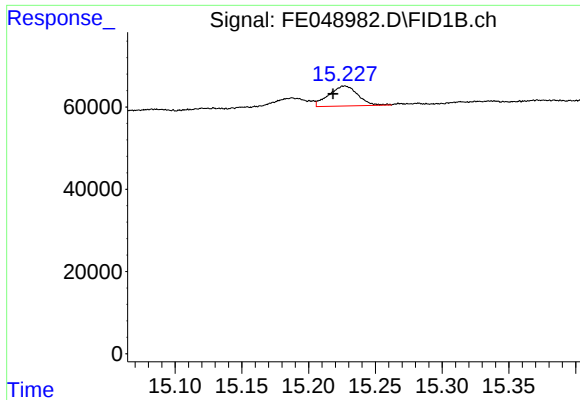
#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.004 min
Response: 913081
Conc: 7.10 ug/ml



#13 n-Docosane (C22)

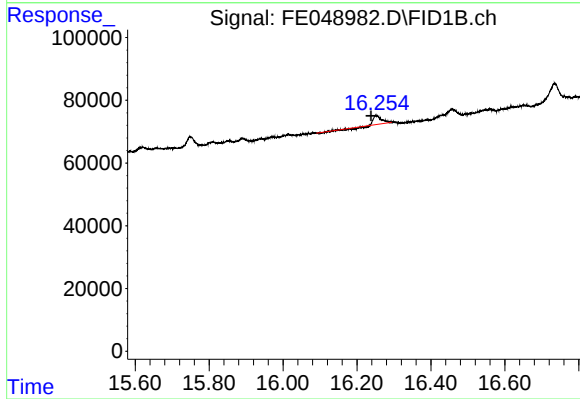
R.T.: 14.127 min
Delta R.T.: 0.010 min
Response: 47441
Conc: 0.31 ug/ml



#14 n-Tetracosane (C24)

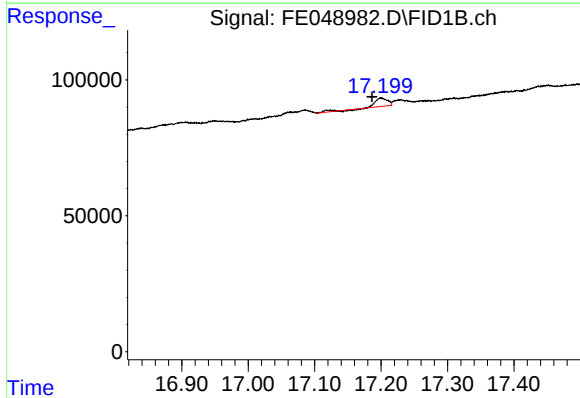
R.T.: 15.227 min
Delta R.T.: 0.009 min
Response: 73247
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



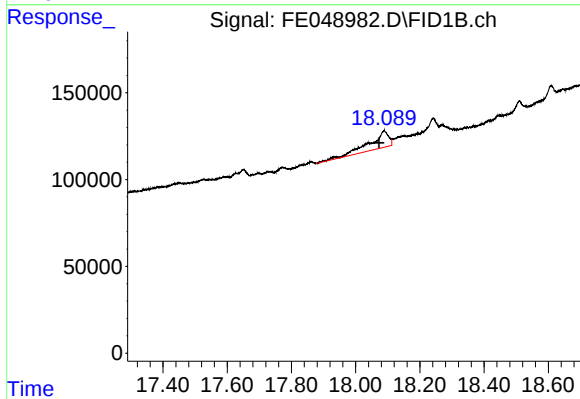
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.016 min
Response: 30372
Conc: 0.21 ug/ml



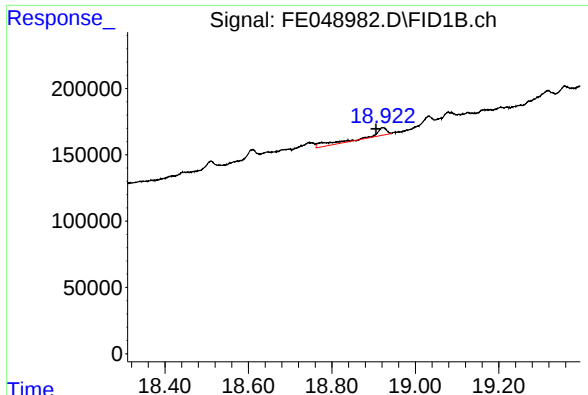
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: 0.014 min
Response: 40369
Conc: 0.28 ug/ml



#17 n-Tricontane (C30)

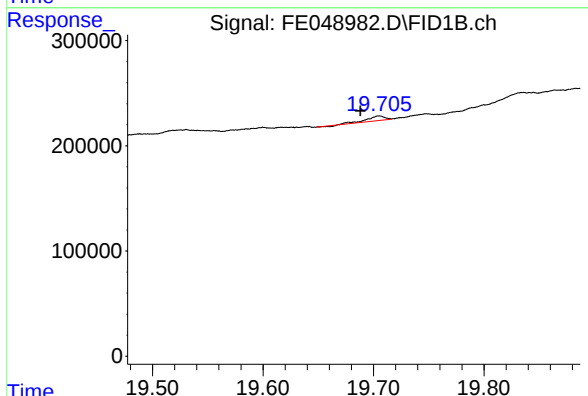
R.T.: 18.089 min
Delta R.T.: 0.016 min
Response: 401432
Conc: 2.74 ug/ml



#18 n-Dotriacontane (C32)

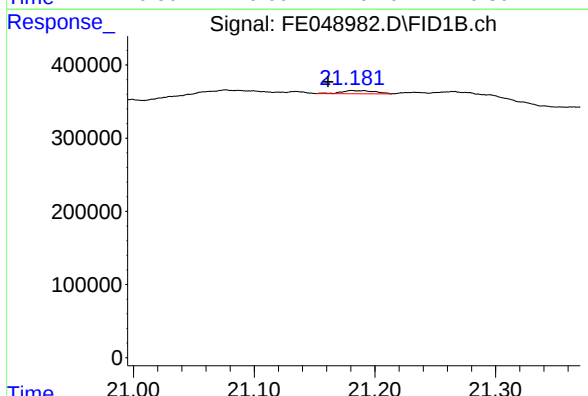
R.T.: 18.922 min
Delta R.T.: 0.017 min
Response: 180361
Conc: 1.26 ug/ml

Instrument :
FID_E
ClientSampleId :



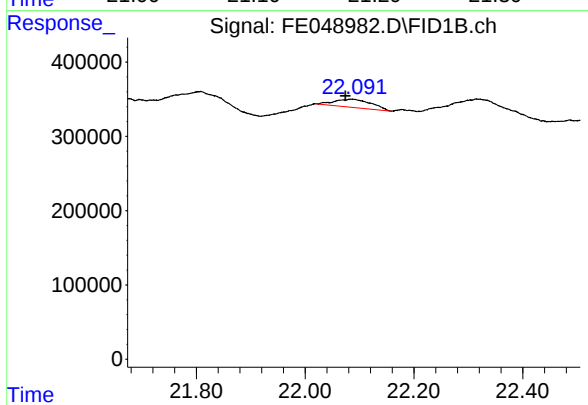
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.017 min
Response: 48820
Conc: 0.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: 0.020 min
Response: 83399
Conc: 0.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.012 min
Response: 515185
Conc: 4.21 ug/ml