

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049132.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 15:11
 Operator : YP\AJ
 Sample : P3255-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 01:37:57 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)	11.923	6617760	39.578 ug/ml
Spiked Amount 50.000		Recovery =	79.16%
12) S 1-chlorooctadecane (S...	13.359	5923448	46.065 ug/ml
Spiked Amount 50.000		Recovery =	92.13%
Target Compounds			
6) T n-Tetradecane (C14)	8.505f	33682	0.220 ug/ml
7) T n-Hexadecane (C16)	10.174	96190	0.615 ug/ml
10) T n-Eicosane (C20)	12.922	85340	0.550 ug/ml
11) T n-Heneicosane (C21)	13.546	93862	0.616 ug/ml
13) T n-Docosane (C22)	14.108	100285	0.663 ug/ml
14) T n-Tetracosane (C24)	15.197	861122	5.730 ug/ml
15) T n-Hexacosane (C26)	16.230	135298	0.916 ug/ml
16) T n-Octacosane (C28)	17.199	252077	1.748 ug/ml
17) T n-Tricontane (C30)	18.068	232636	1.590 ug/ml
18) T n-Dotriacontane (C32)	18.897	360532	2.522 ug/ml
19) T n-Tetratriacontane (C34)	19.681	128303	0.927 ug/ml
20) T n-Hexatriacontane (C36)	20.422	36652	0.282 ug/ml

(f)=RT Delta > 1/2 Window

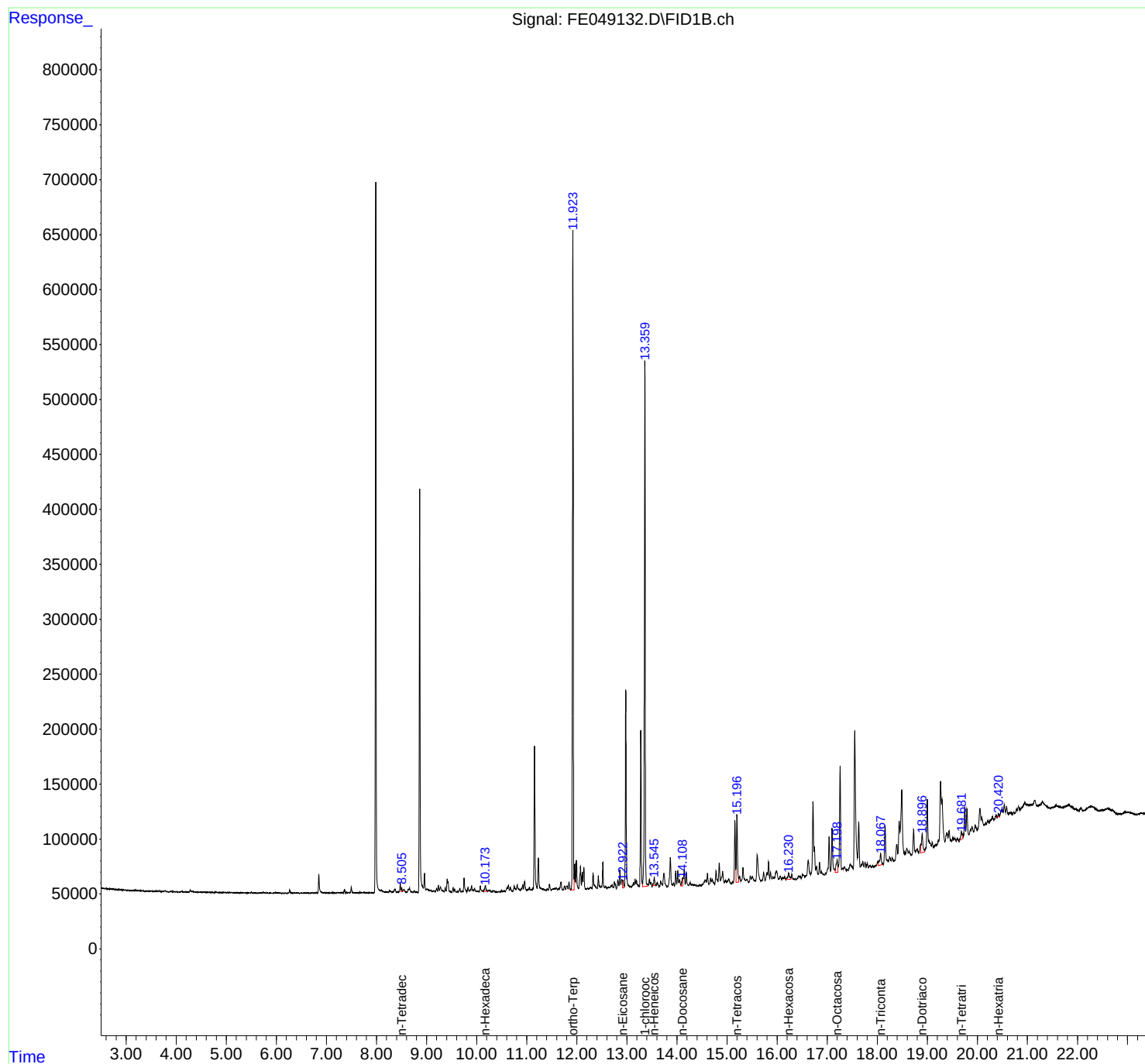
(m)=manual int.

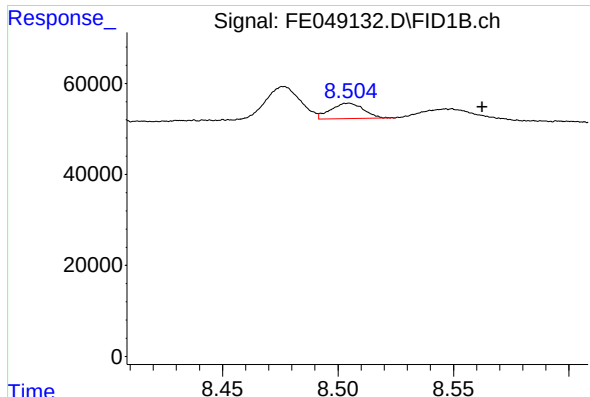
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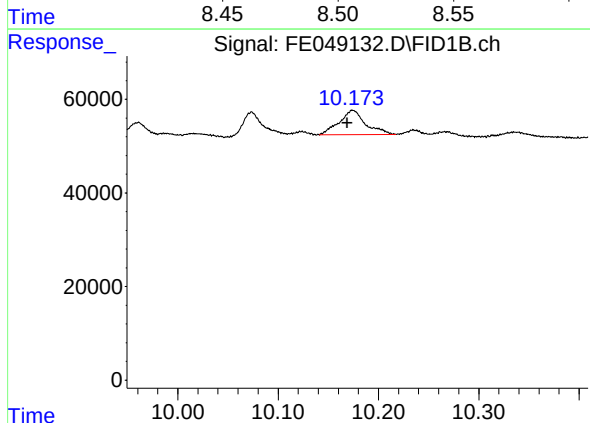




#6 n-Tetradecane (C14)

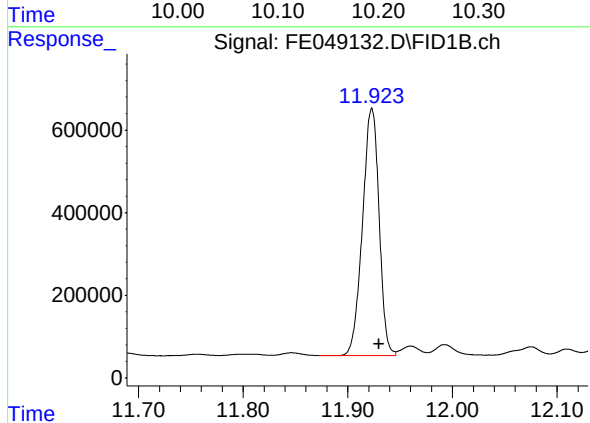
R.T.: 8.505 min
Delta R.T.: -0.057 min
Response: 33682
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :



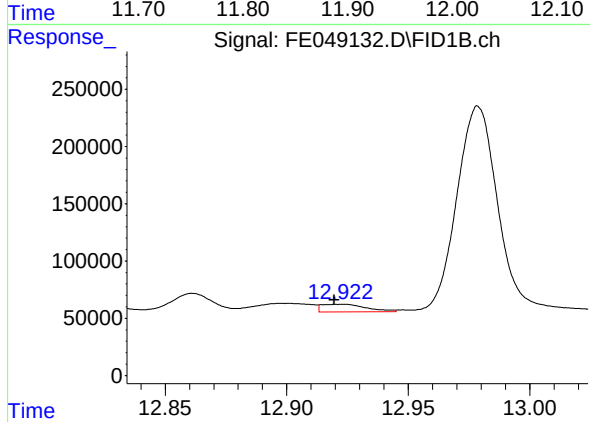
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.005 min
Response: 96190
Conc: 0.62 ug/ml



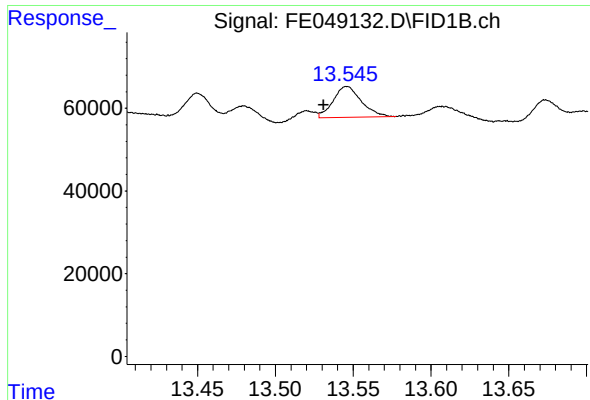
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.007 min
Response: 6617760
Conc: 39.58 ug/ml



#10 n-Eicosane (C20)

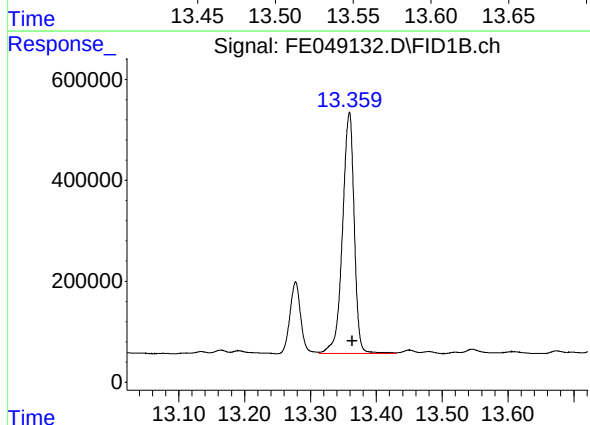
R.T.: 12.922 min
Delta R.T.: 0.003 min
Response: 85340
Conc: 0.55 ug/ml



#11 n-Heneicosane (C21)

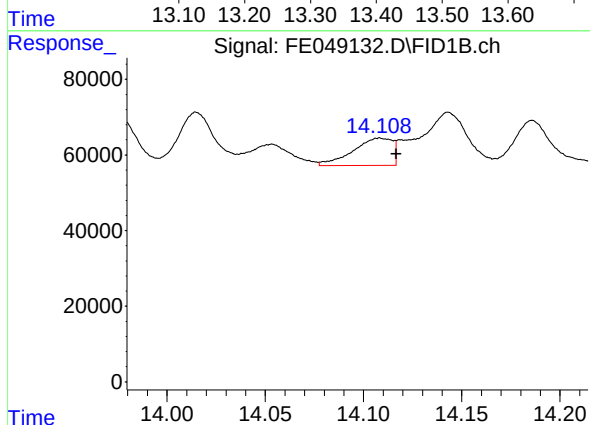
R.T.: 13.546 min
Delta R.T.: 0.015 min
Response: 93862
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



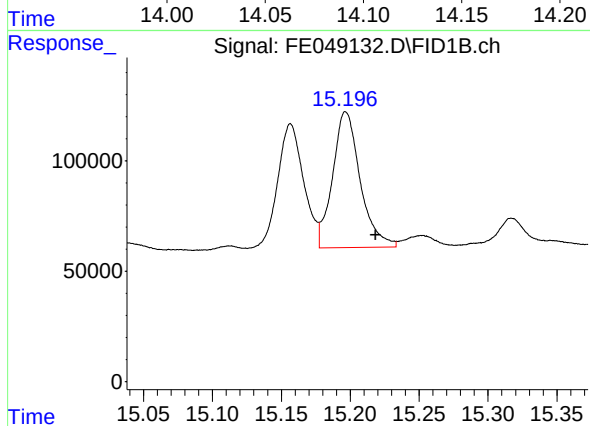
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.005 min
Response: 5923448
Conc: 46.06 ug/ml



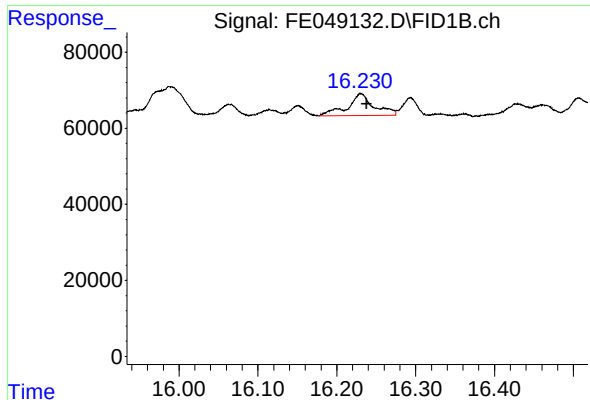
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: -0.008 min
Response: 100285
Conc: 0.66 ug/ml



#14 n-Tetracosane (C24)

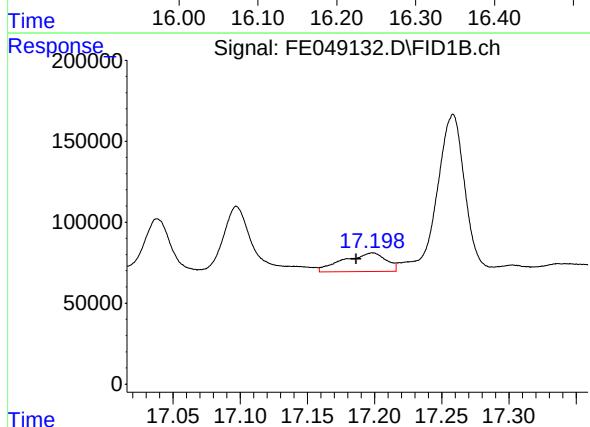
R.T.: 15.197 min
Delta R.T.: -0.022 min
Response: 861122
Conc: 5.73 ug/ml



#15 n-Hexacosane (C26)

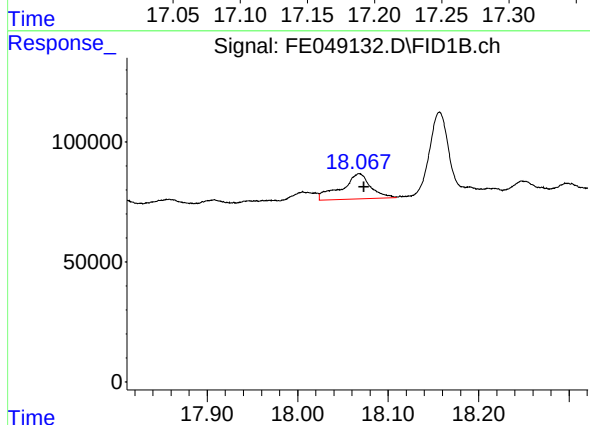
R.T.: 16.230 min
Delta R.T.: -0.008 min
Response: 135298
Conc: 0.92 ug/ml

Instrument :
FID_E
ClientSampleId :



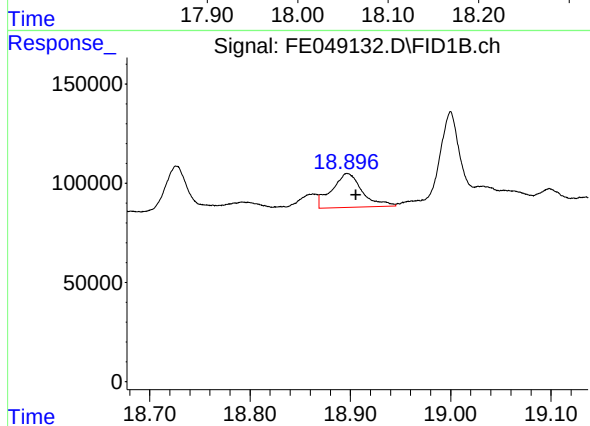
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: 0.012 min
Response: 252077
Conc: 1.75 ug/ml



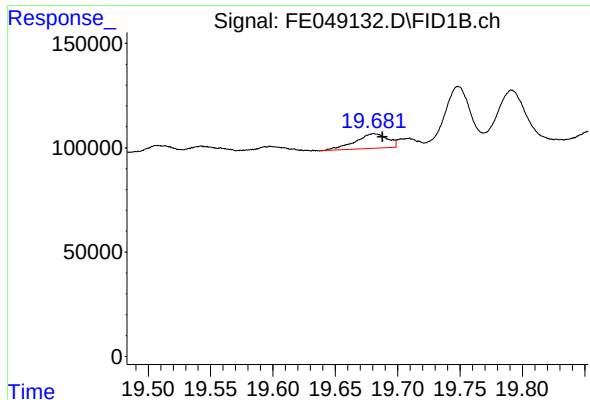
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.005 min
Response: 232636
Conc: 1.59 ug/ml



#18 n-Dotriacontane (C32)

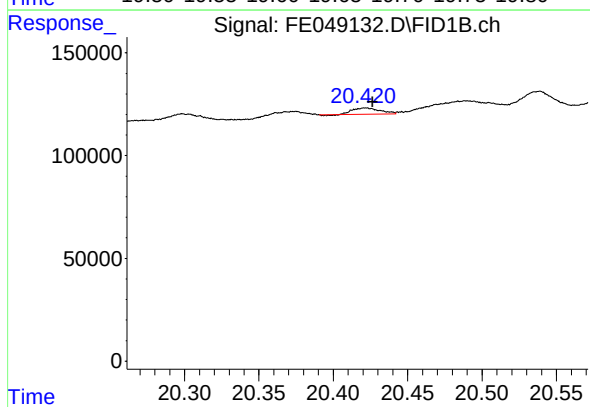
R.T.: 18.897 min
Delta R.T.: -0.008 min
Response: 360532
Conc: 2.52 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.007 min
Response: 128303
Conc: 0.93 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.005 min
Response: 36652
Conc: 0.28 ug/ml