

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071124AL\
 Data File : FE049076.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2024 17:15
 Operator : YP\AJ
 Sample : P3183-05DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 01:30:21 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)	11.920	2211294	13.225 ug/ml
Spiked Amount 50.000		Recovery =	26.45%
12) S 1-chlorooctadecane (S...	13.356	1961427	15.253 ug/ml
Spiked Amount 50.000		Recovery =	30.51%
Target Compounds			
6) T n-Tetradecane (C14)	8.550	59407	0.388 ug/ml
7) T n-Hexadecane (C16)	10.160	43703	0.280 ug/ml
8) T n-Octadecane (C18)	11.600	34791	0.218 ug/ml
10) T n-Eicosane (C20)	12.904	818114	5.277 ug/ml
11) T n-Heneicosane (C21)	13.535	109042	0.716 ug/ml
14) T n-Tetracosane (C24)	15.207	117813	0.784 ug/ml
15) T n-Hexacosane (C26)	16.233	26466	0.179 ug/ml
16) T n-Octacosane (C28)	17.181	106232	0.737 ug/ml
17) T n-Tricontane (C30)	18.069	353436	2.416 ug/ml
18) T n-Dotriacontane (C32)	18.900	148846	1.041 ug/ml
19) T n-Tetratriacontane (C34)	19.683	170703	1.234 ug/ml
20) T n-Hexatriacontane (C36)	20.431	55621	0.428 ug/ml
21) T n-Octatriacontane (C38)	21.158	120614	0.941 ug/ml
22) T n-Tetracontane (C40)	22.066	272030	2.221 ug/ml

(f)=RT Delta > 1/2 Window

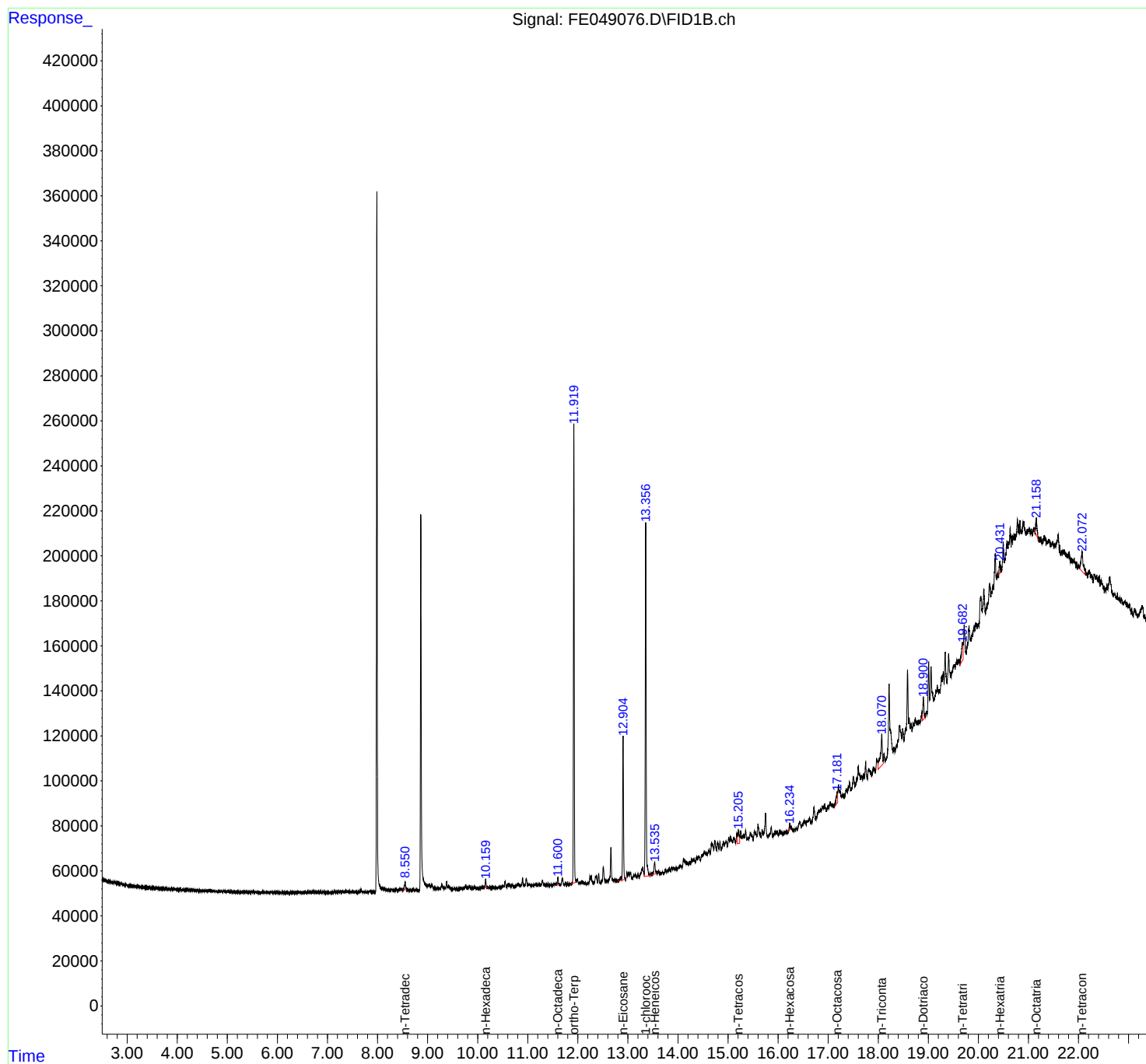
(m)=manual int.

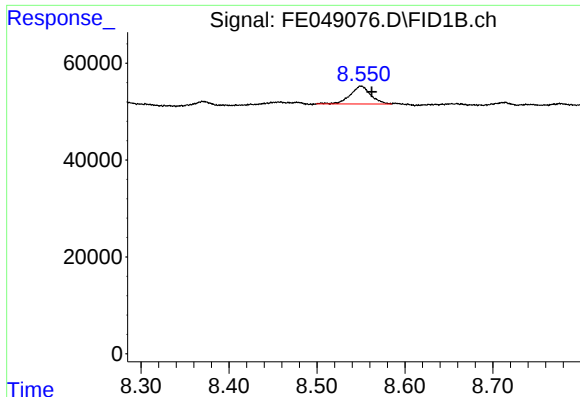
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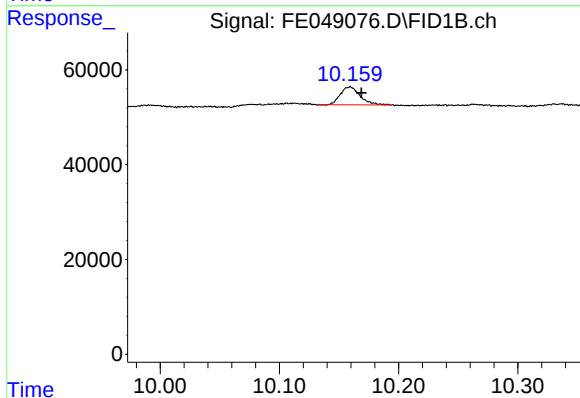




#6 n-Tetradecane (C14)

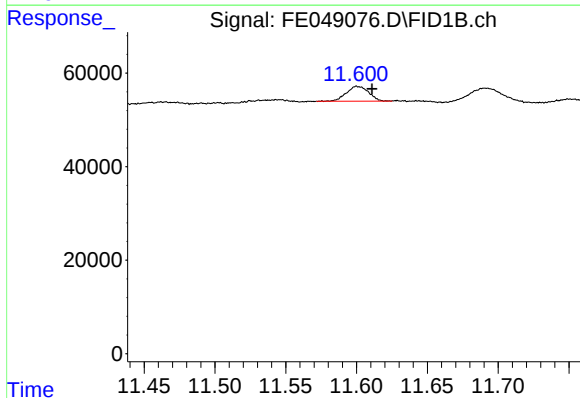
R.T.: 8.550 min
Delta R.T.: -0.012 min
Response: 59407
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :



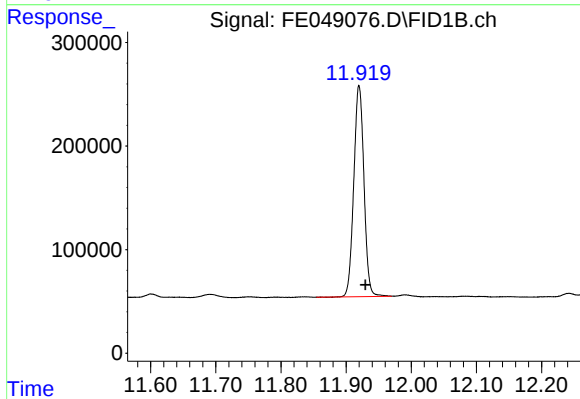
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.009 min
Response: 43703
Conc: 0.28 ug/ml



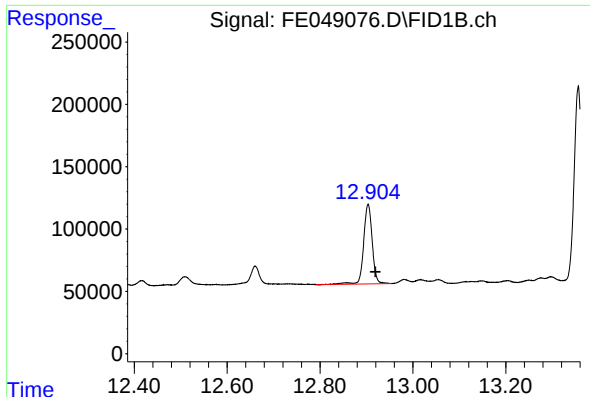
#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.011 min
Response: 34791
Conc: 0.22 ug/ml



#9 ortho-Terphenyl (SURR)

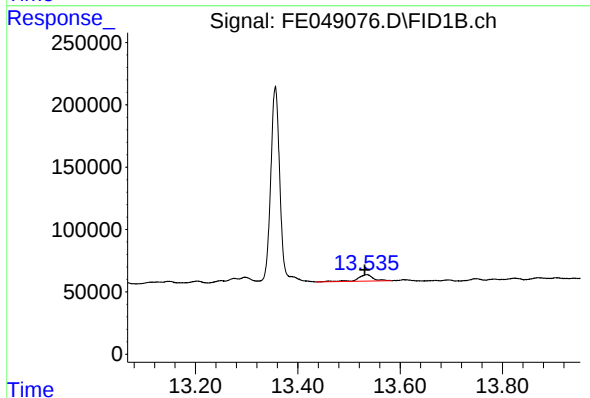
R.T.: 11.920 min
Delta R.T.: -0.010 min
Response: 2211294
Conc: 13.22 ug/ml



#10 n-Eicosane (C20)

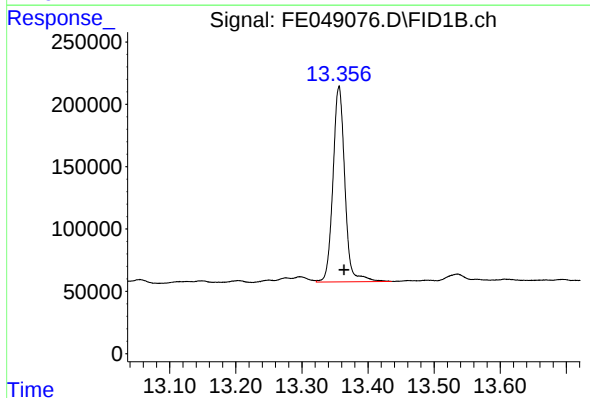
R.T.: 12.904 min
Delta R.T.: -0.016 min
Response: 818114
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :



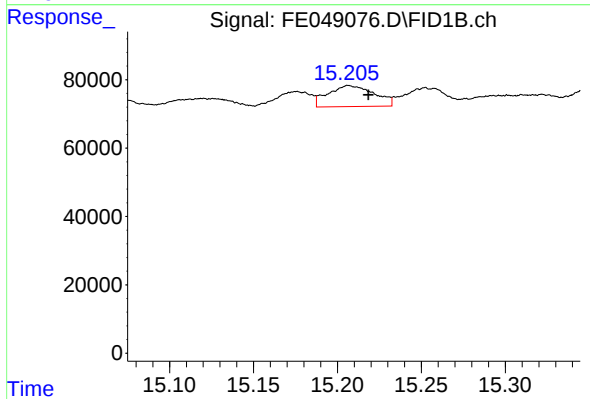
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.004 min
Response: 109042
Conc: 0.72 ug/ml



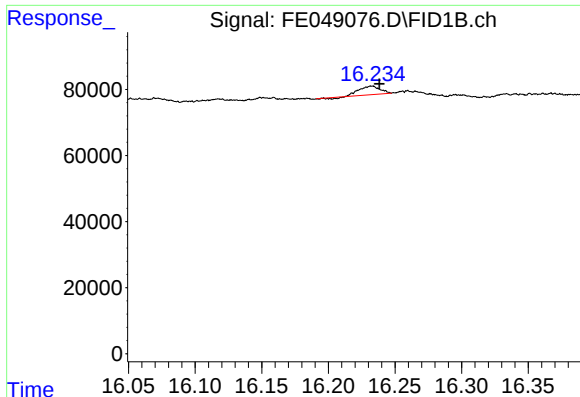
#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: -0.007 min
Response: 1961427
Conc: 15.25 ug/ml



#14 n-Tetracosane (C24)

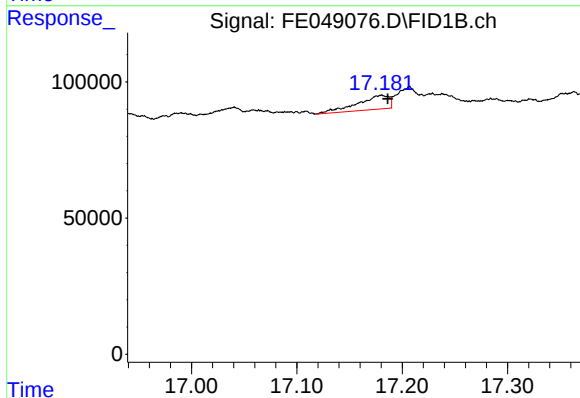
R.T.: 15.207 min
Delta R.T.: -0.012 min
Response: 117813
Conc: 0.78 ug/ml



#15 n-Hexacosane (C26)

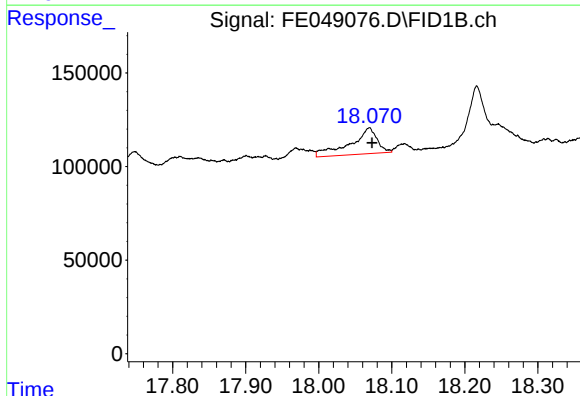
R.T.: 16.233 min
Delta R.T.: -0.006 min
Response: 26466
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :



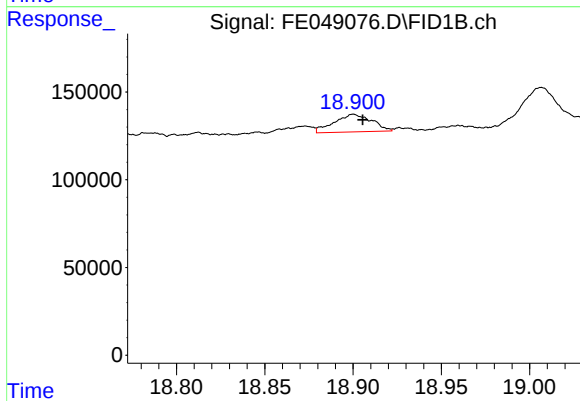
#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.006 min
Response: 106232
Conc: 0.74 ug/ml



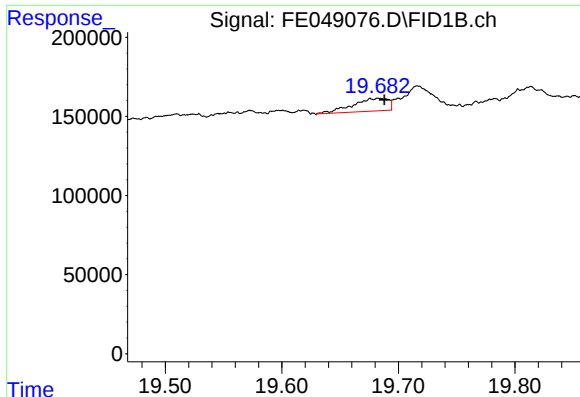
#17 n-Tricontane (C30)

R.T.: 18.069 min
Delta R.T.: -0.004 min
Response: 353436
Conc: 2.42 ug/ml



#18 n-Dotriacontane (C32)

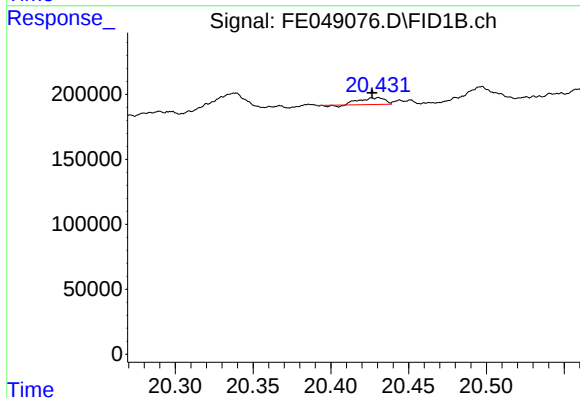
R.T.: 18.900 min
Delta R.T.: -0.005 min
Response: 148846
Conc: 1.04 ug/ml



#19 n-Tetratriacontane (C34)

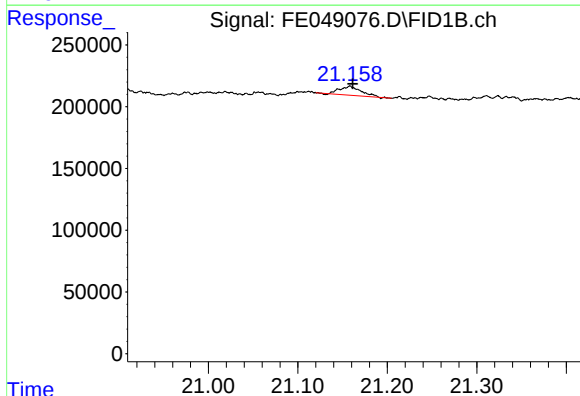
R.T.: 19.683 min
Delta R.T.: -0.005 min
Response: 170703
Conc: 1.23 ug/ml

Instrument :
FID_E
ClientSampleId :



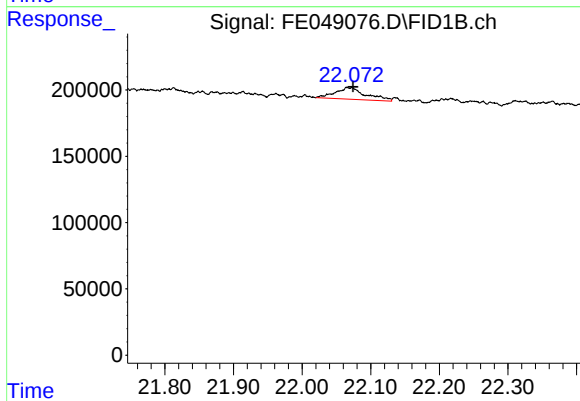
#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: 0.004 min
Response: 55621
Conc: 0.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.003 min
Response: 120614
Conc: 0.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.008 min
Response: 272030
Conc: 2.22 ug/ml