

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070324AL\
 Data File : FE048979.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jul 2024 17:13
 Operator : YP\AJ
 Sample : P3149-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 04 01:18:14 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)	11.941	3839050	22.959 ug/ml
Spiked Amount 50.000		Recovery =	45.92%
12) S 1-chlorooctadecane (S...	13.377	3344224	26.007 ug/ml
Spiked Amount 50.000		Recovery =	52.01%
Target Compounds			
7) T n-Hexadecane (C16)	10.177	42938	0.275 ug/ml
8) T n-Octadecane (C18)	11.617	55593	0.349 ug/ml
10) T n-Eicosane (C20)	12.926	175044	1.129 ug/ml
11) T n-Heneicosane (C21)	13.542	75381	0.495 ug/ml
13) T n-Docosane (C22)	14.129	179419	1.186 ug/ml
14) T n-Tetracosane (C24)	15.228	262885	1.749 ug/ml
15) T n-Hexacosane (C26)	16.254	240138	1.627 ug/ml
16) T n-Octacosane (C28)	17.203	344058	2.386 ug/ml
17) T n-Tricontane (C30)	18.096	861116	5.886 ug/ml
18) T n-Dotriacontane (C32)	18.894	165685	1.159 ug/ml
19) T n-Tetratriacontane (C34)	19.668	41385	0.299 ug/ml
21) T n-Octatriacontane (C38)	21.092f	218355	1.703 ug/ml
22) T n-Tetracontane (C40)	22.068	261490	2.135 ug/ml

(f)=RT Delta > 1/2 Window

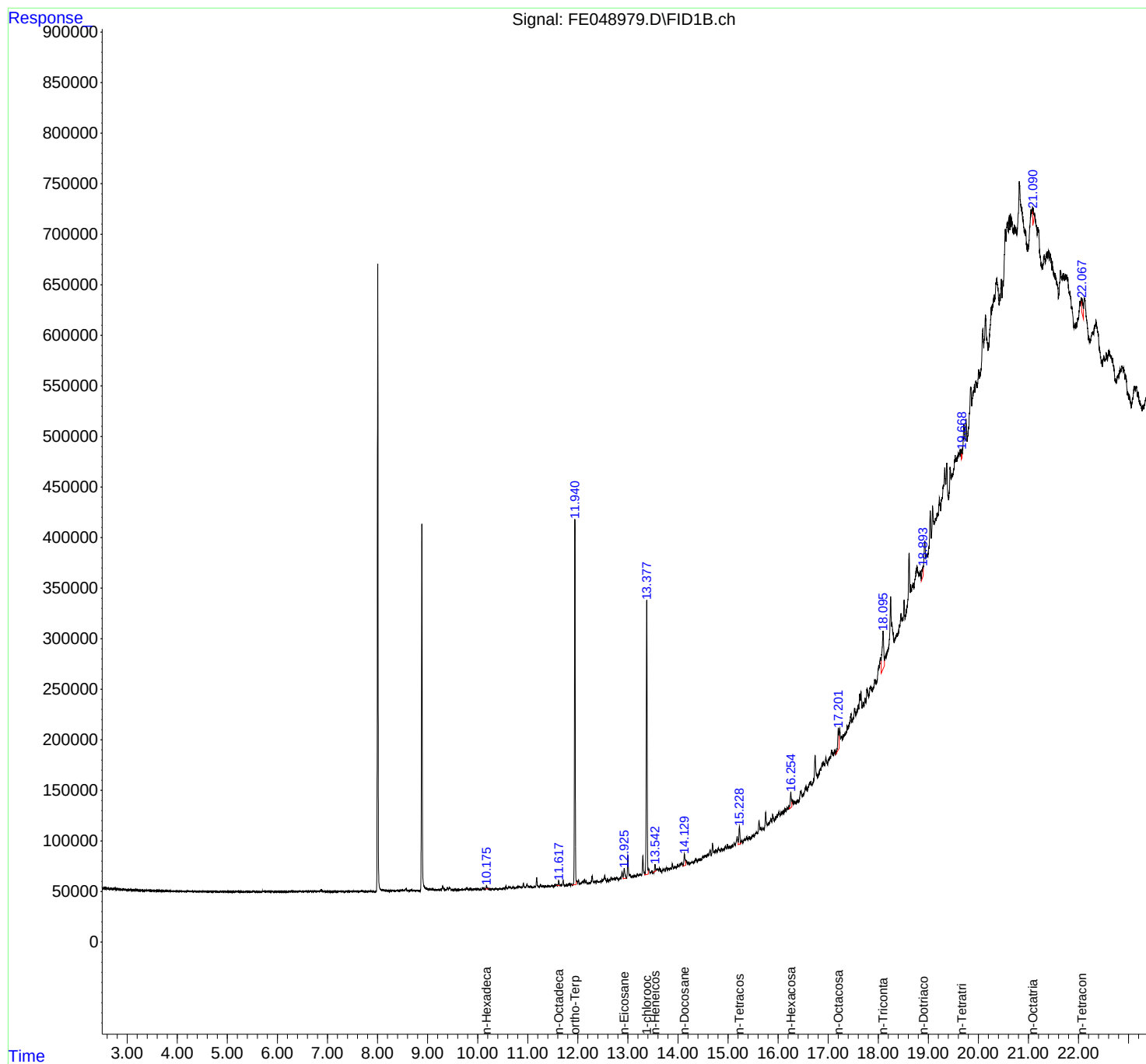
(m)=manual int.

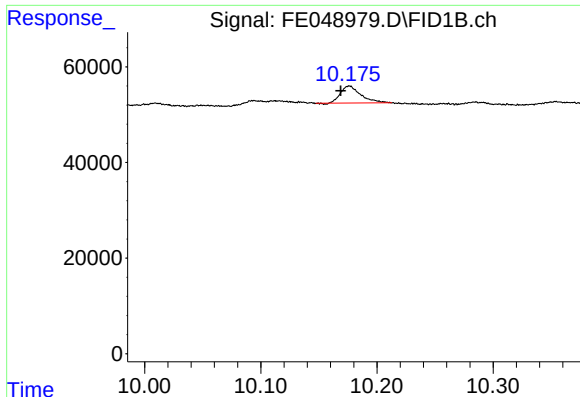
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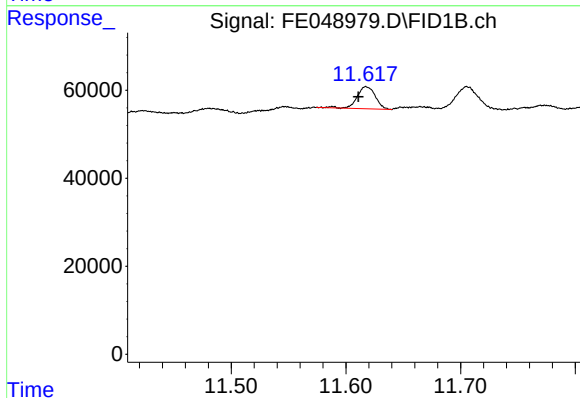




#7 n-Hexadecane (C16)

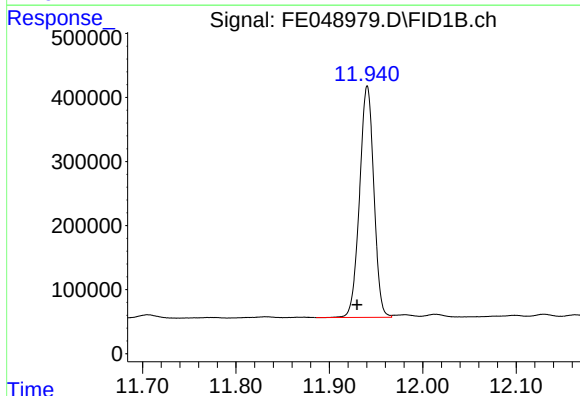
R.T.: 10.177 min
Delta R.T.: 0.008 min
Response: 42938
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



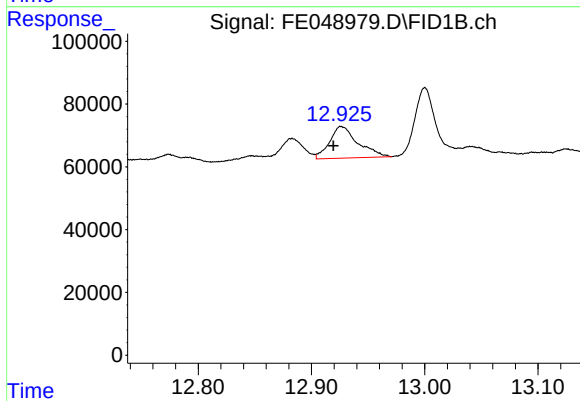
#8 n-Octadecane (C18)

R.T.: 11.617 min
Delta R.T.: 0.006 min
Response: 55593
Conc: 0.35 ug/ml



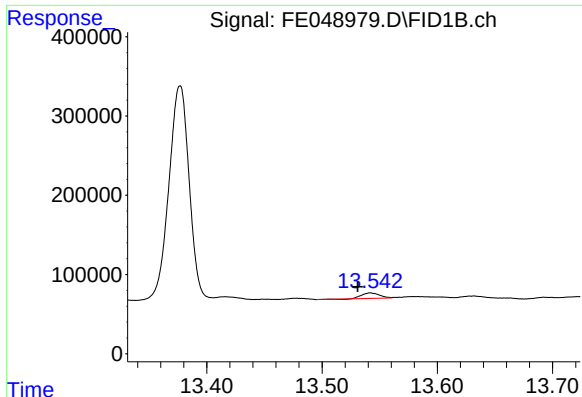
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.011 min
Response: 3839050
Conc: 22.96 ug/ml



#10 n-Eicosane (C20)

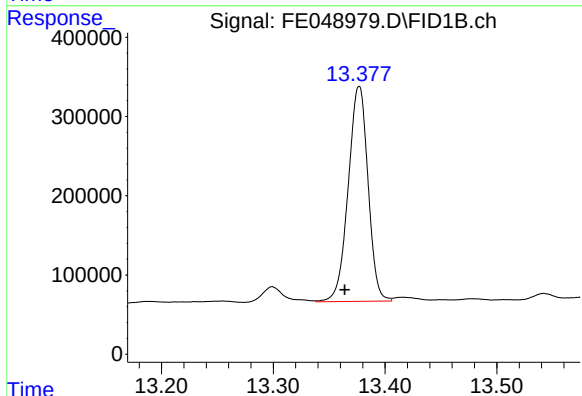
R.T.: 12.926 min
Delta R.T.: 0.006 min
Response: 175044
Conc: 1.13 ug/ml



#11 n-Heneicosane (C21)

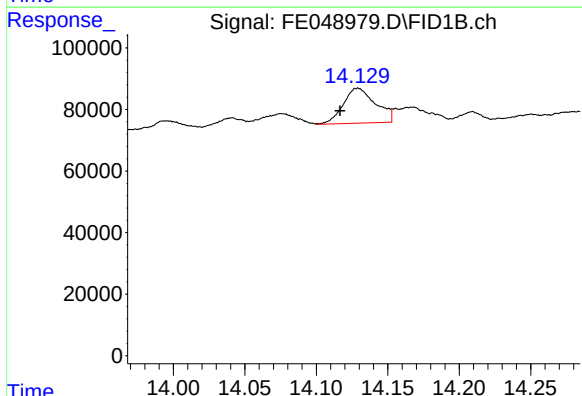
R.T.: 13.542 min
Delta R.T.: 0.011 min
Response: 75381
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



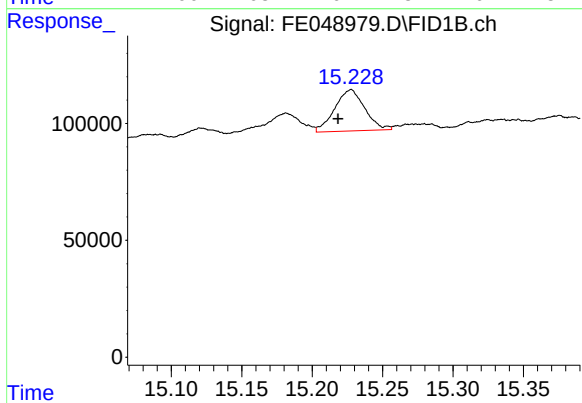
#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: 0.013 min
Response: 3344224
Conc: 26.01 ug/ml



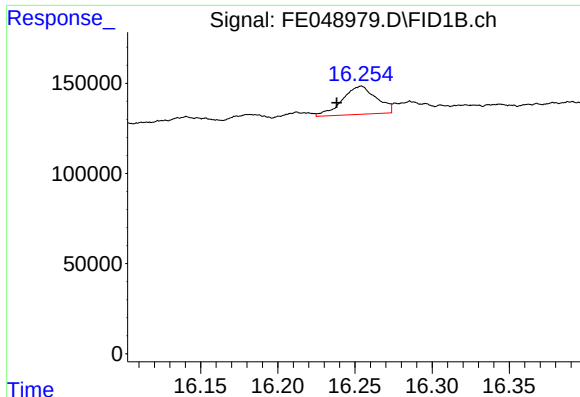
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: 0.013 min
Response: 179419
Conc: 1.19 ug/ml



#14 n-Tetracosane (C24)

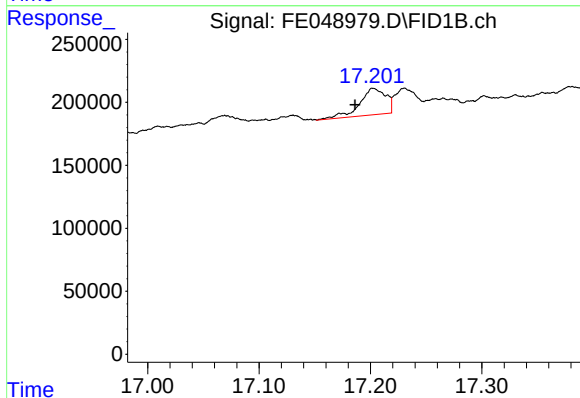
R.T.: 15.228 min
Delta R.T.: 0.009 min
Response: 262885
Conc: 1.75 ug/ml



#15 n-Hexacosane (C26)

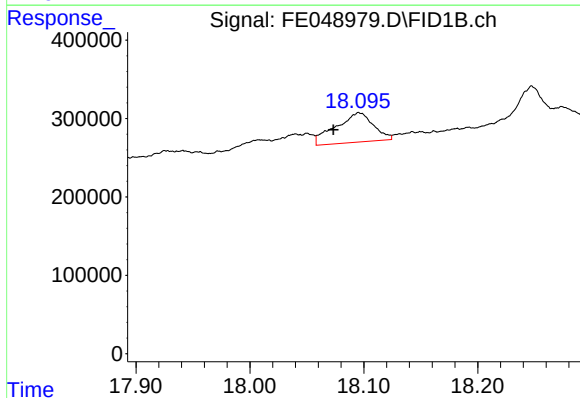
R.T.: 16.254 min
Delta R.T.: 0.016 min
Response: 240138
Conc: 1.63 ug/ml

Instrument :
FID_E
ClientSampleId :



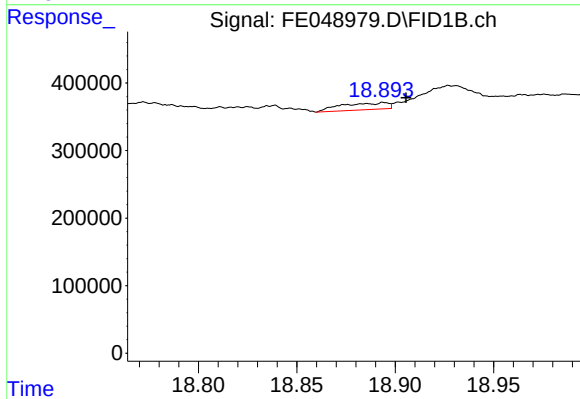
#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: 0.016 min
Response: 344058
Conc: 2.39 ug/ml



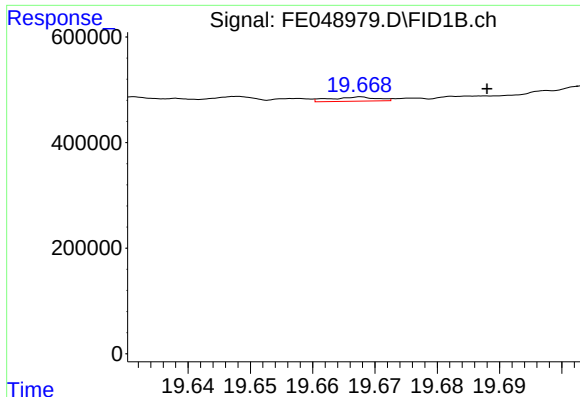
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: 0.023 min
Response: 861116
Conc: 5.89 ug/ml



#18 n-Dotriacontane (C32)

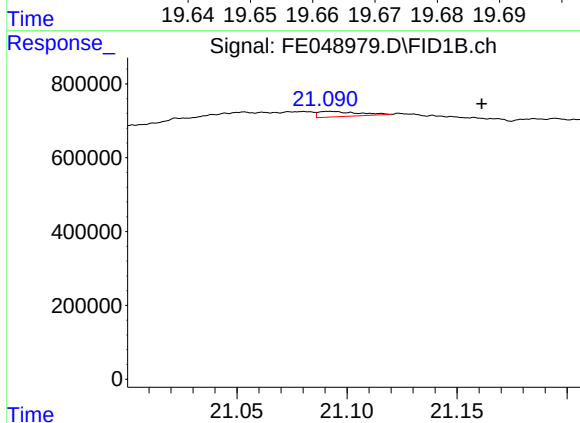
R.T.: 18.894 min
Delta R.T.: -0.011 min
Response: 165685
Conc: 1.16 ug/ml



#19 n-Tetratriacontane (C34)

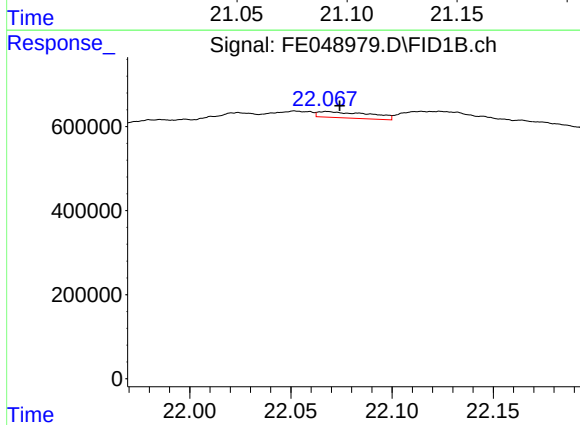
R.T.: 19.668 min
Delta R.T.: -0.020 min
Response: 41385
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: -0.069 min
Response: 218355
Conc: 1.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: -0.006 min
Response: 261490
Conc: 2.14 ug/ml