

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102924AL\
 Data File : FG014549.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 10:45
 Operator : YP\AJ
 Sample : P4574-05DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 06:13:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 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)	11.966	628557	4.101 ug/ml
Spiked Amount 50.000		Recovery =	8.20%
12) S 1-chlorooctadecane (S...	13.406	530721	4.322 ug/ml
Spiked Amount 50.000		Recovery =	8.64%
Target Compounds			
10) T n-Eicosane (C20)	12.985	25136	0.179 ug/ml
11) T n-Heneicosane (C21)	13.583	29042	0.207 ug/ml
13) T n-Docosane (C22)	14.166	284382	2.022 ug/ml
16) T n-Octacosane (C28)	17.234	194329	1.406 ug/ml
17) T n-Tricontane (C30)	18.121	644226	4.648 ug/ml
18) T n-Dotriacontane (C32)	18.953	792215	6.051 ug/ml
19) T n-Tetratriacontane (C34)	19.736	619582	5.536 ug/ml
20) T n-Hexatriacontane (C36)	20.474	453420	4.872 ug/ml
21) T n-Octatriacontane (C38)	21.224	427424	5.116 ug/ml
22) T n-Tetracontane (C40)	22.162	101943	1.341 ug/ml

(f)=RT Delta > 1/2 Window

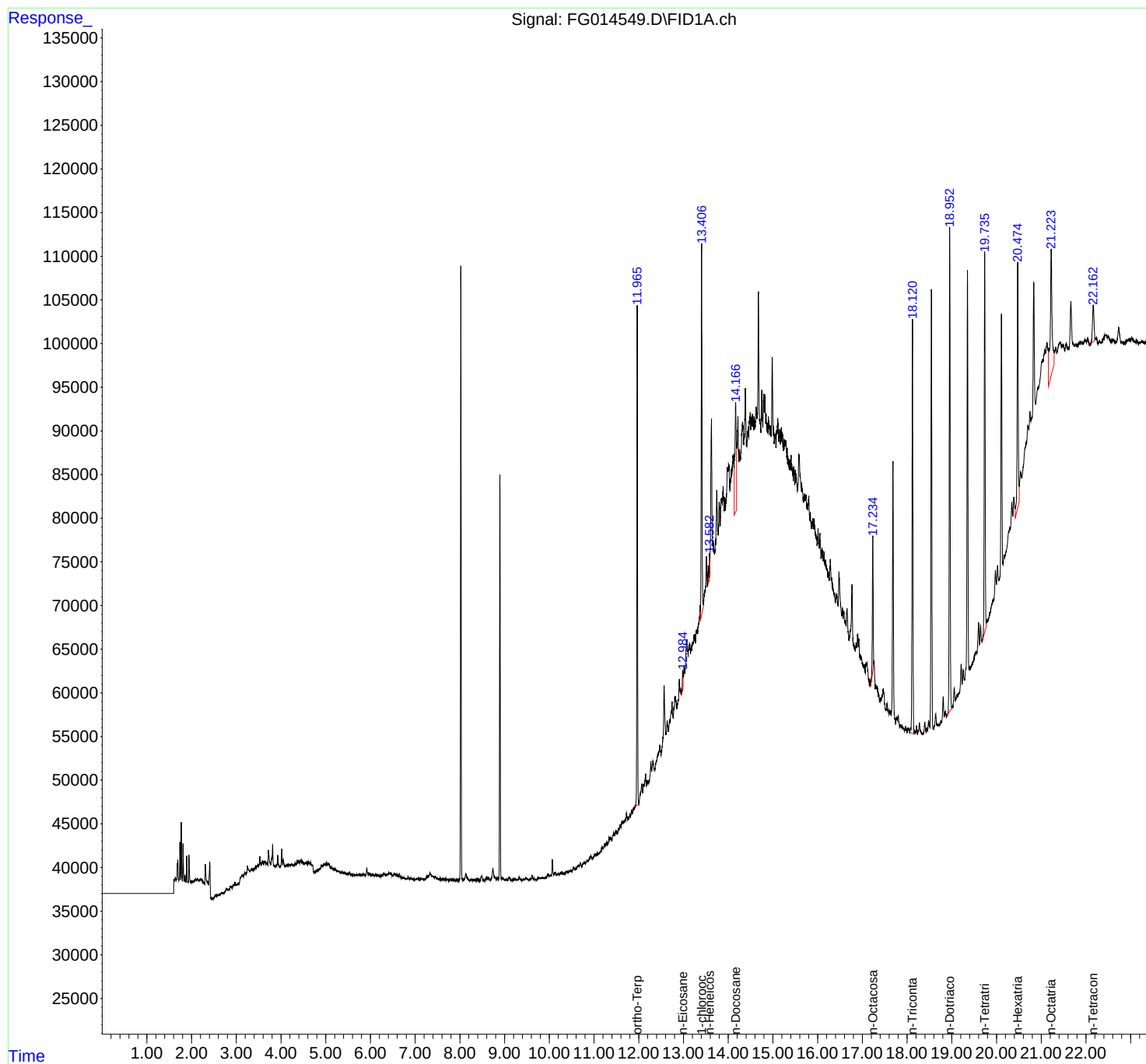
(m)=manual int.

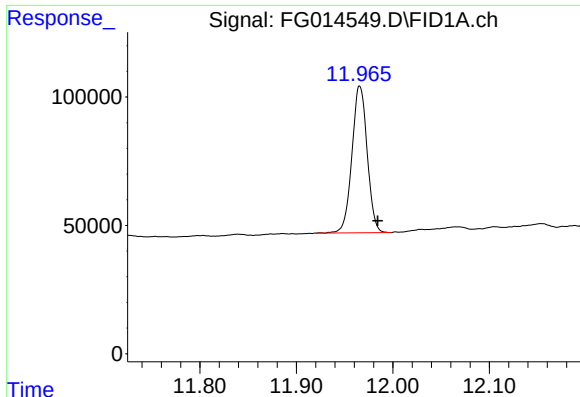
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

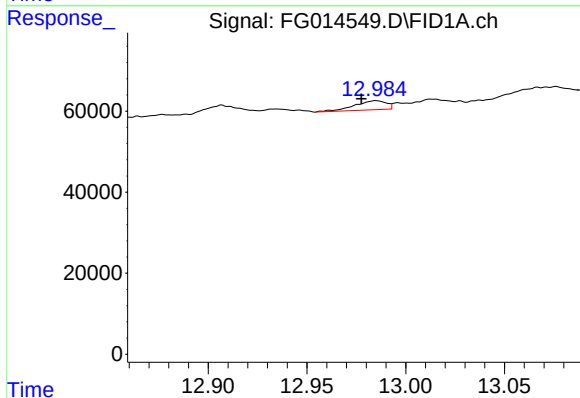




#9 ortho-Terphenyl (SURR)

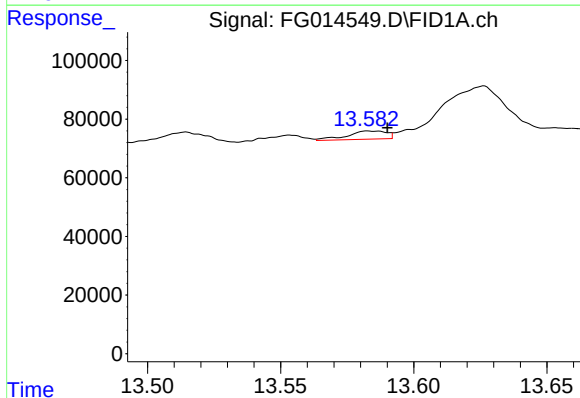
R.T.: 11.966 min
Delta R.T.: -0.018 min
Response: 628557
Conc: 4.10 ug/ml

Instrument :
FID_G
ClientSampleId :



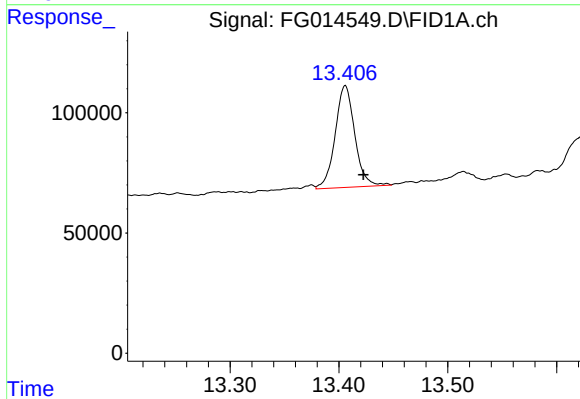
#10 n-Eicosane (C20)

R.T.: 12.985 min
Delta R.T.: 0.007 min
Response: 25136
Conc: 0.18 ug/ml



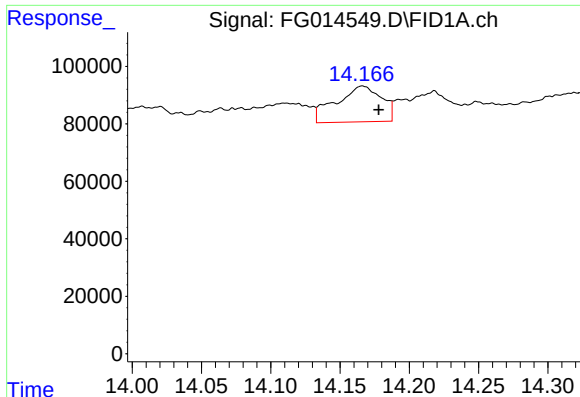
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: -0.007 min
Response: 29042
Conc: 0.21 ug/ml



#12 1-chlorooctadecane (SURR)

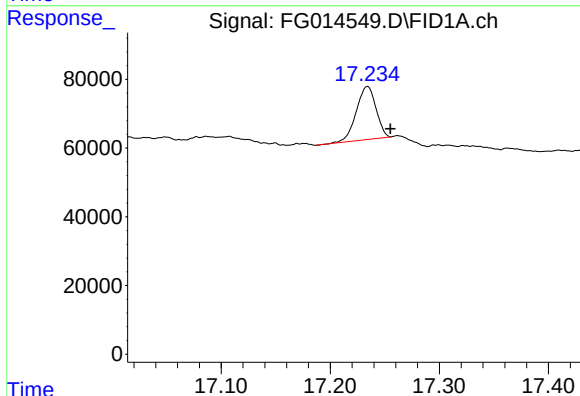
R.T.: 13.406 min
Delta R.T.: -0.017 min
Response: 530721
Conc: 4.32 ug/ml



#13 n-Docosane (C22)

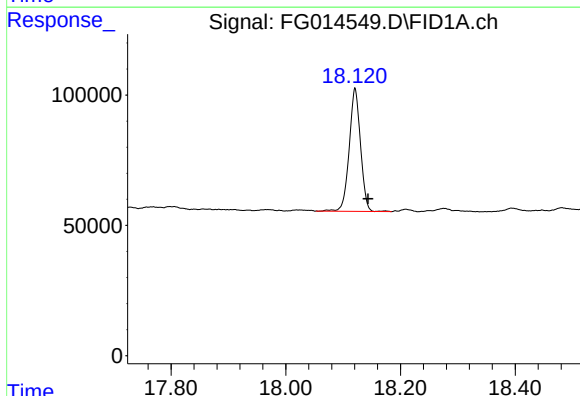
R.T.: 14.166 min
Delta R.T.: -0.012 min
Response: 284382
Conc: 2.02 ug/ml

Instrument :
FID_G
ClientSampleId :



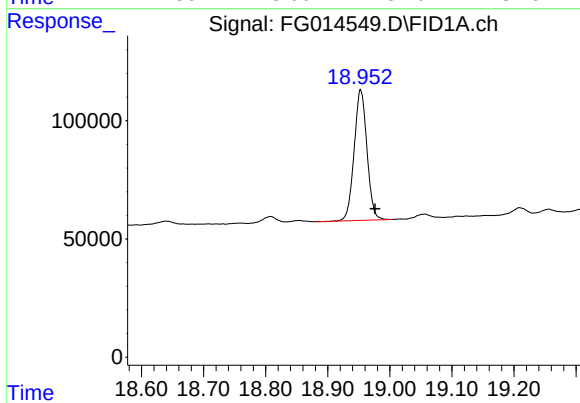
#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: -0.021 min
Response: 194329
Conc: 1.41 ug/ml



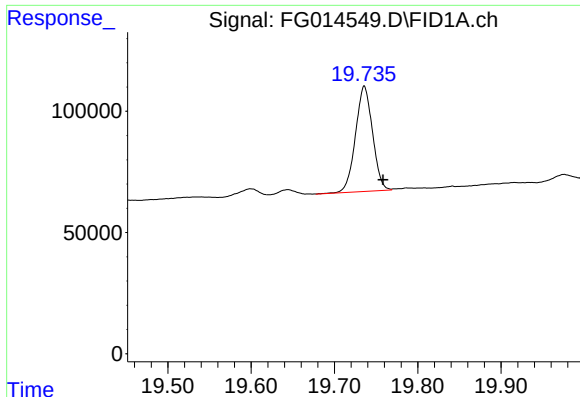
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: -0.022 min
Response: 644226
Conc: 4.65 ug/ml



#18 n-Dotriacontane (C32)

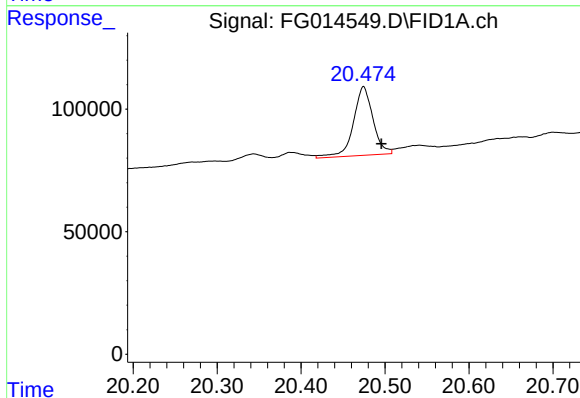
R.T.: 18.953 min
Delta R.T.: -0.023 min
Response: 792215
Conc: 6.05 ug/ml



#19 n-Tetratriacontane (C34)

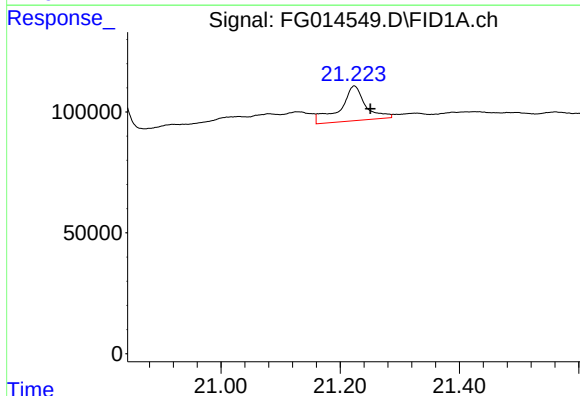
R.T.: 19.736 min
Delta R.T.: -0.023 min
Response: 619582
Conc: 5.54 ug/ml

Instrument :
FID_G
ClientSampleId :



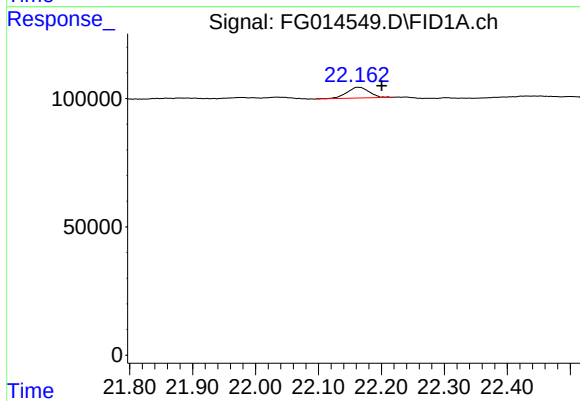
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: -0.021 min
Response: 453420
Conc: 4.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.027 min
Response: 427424
Conc: 5.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: -0.039 min
Response: 101943
Conc: 1.34 ug/ml