

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101122AL\
 Data File : FC061761.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2022 22:38
 Operator : YP/AJ
 Sample : N5081-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 12 06:20:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 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)	11.588	4256837	24.909 ug/ml
Spiked Amount 50.000		Recovery =	49.82%
12) S 1-chlorooctadecane (S...	13.025	3338810	24.440 ug/ml
Spiked Amount 50.000		Recovery =	48.88%
Target Compounds			
6) T n-Tetradecane (C14)	8.224	54537	0.358 ug/ml
7) T n-Hexadecane (C16)	9.826	105136	0.680 ug/ml
8) T n-Octadecane (C18)	11.270	134782	0.855 ug/ml
10) T n-Eicosane (C20)	12.579	77098	0.484 ug/ml
11) T n-Heneicosane (C21)	13.199	96303	0.600 ug/ml
13) T n-Docosane (C22)	13.777	40660	0.253 ug/ml
14) T n-Tetracosane (C24)	14.852	283291	1.768 ug/ml
15) T n-Hexacosane (C26)	15.904	78823	0.497 ug/ml
16) T n-Octacosane (C28)	16.850	227342	1.467 ug/ml
17) T n-Tricontane (C30)	17.740	204664	1.330 ug/ml
18) T n-Dotriacontane (C32)	18.565	319971	2.116 ug/ml
21) T n-Octatriacontane (C38)	20.744f	1181825	9.126 ug/ml
22) T n-Tetracontane (C40)	21.772	121324	0.993 ug/ml

(f)=RT Delta > 1/2 Window

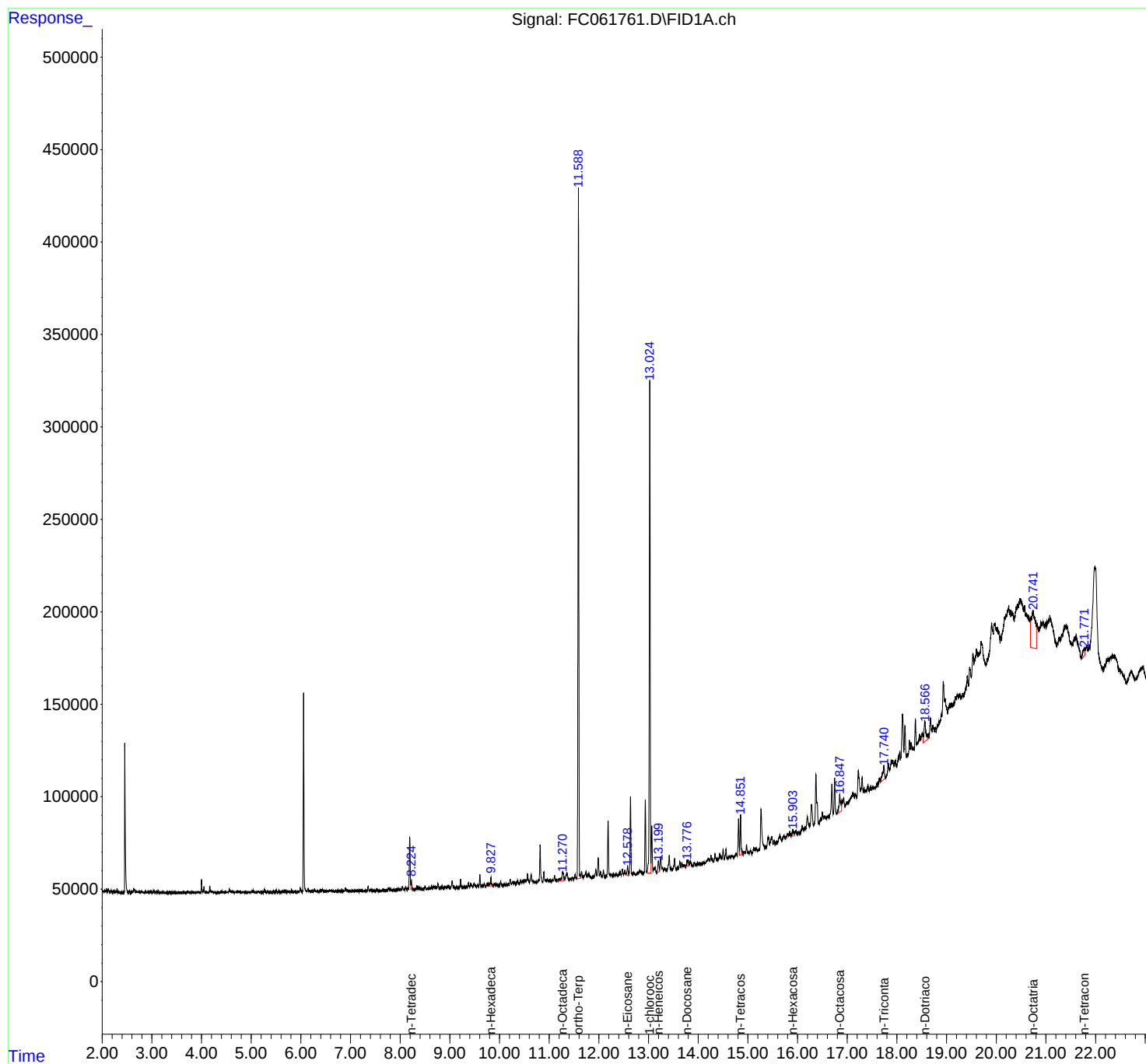
(m)=manual int.

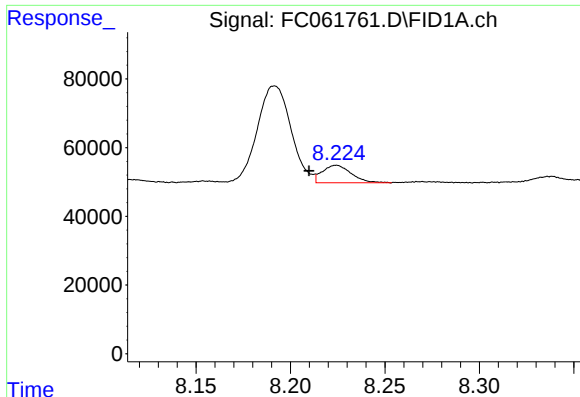
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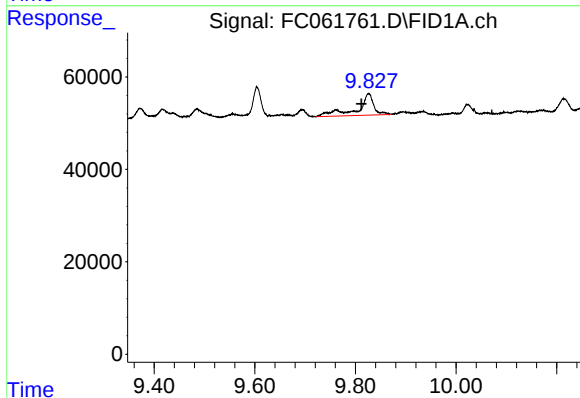




#6 n-Tetradecane (C14)

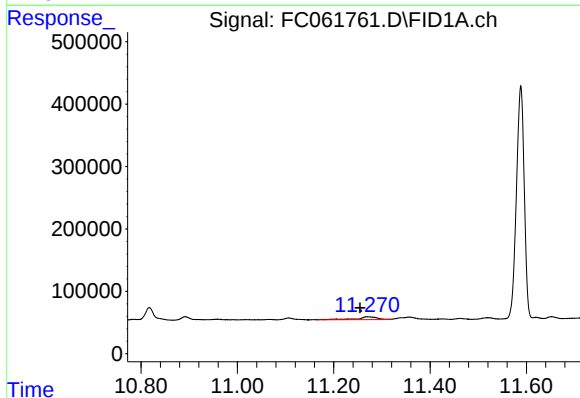
R.T.: 8.224 min
Delta R.T.: 0.015 min
Response: 54537
Conc: 0.36 ug/ml

Instrument :
FID_C
ClientSampleId :



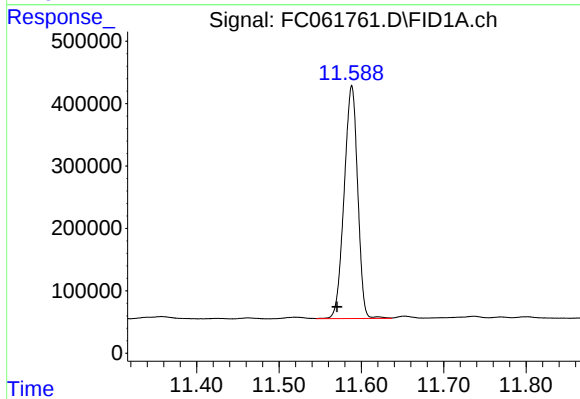
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.014 min
Response: 105136
Conc: 0.68 ug/ml



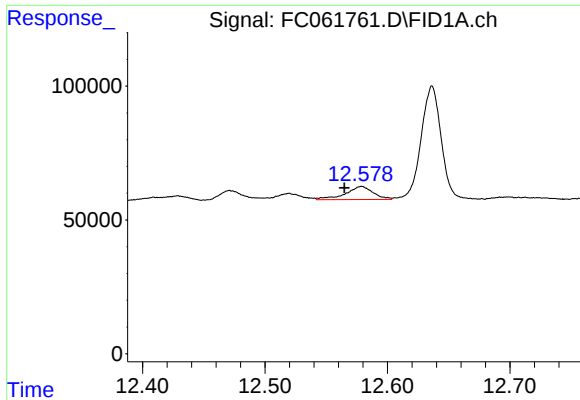
#8 n-Octadecane (C18)

R.T.: 11.270 min
Delta R.T.: 0.016 min
Response: 134782
Conc: 0.85 ug/ml



#9 ortho-Terphenyl (SURR)

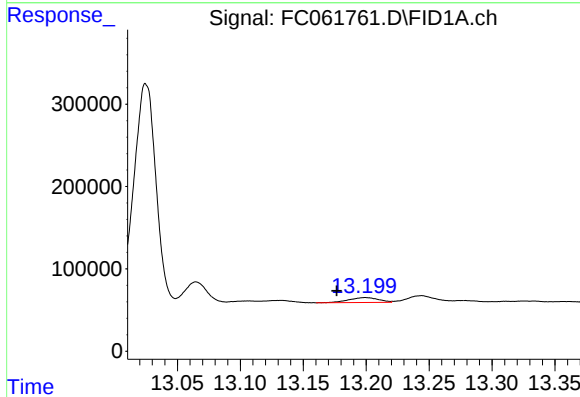
R.T.: 11.588 min
Delta R.T.: 0.018 min
Response: 4256837
Conc: 24.91 ug/ml



#10 n-Eicosane (C20)

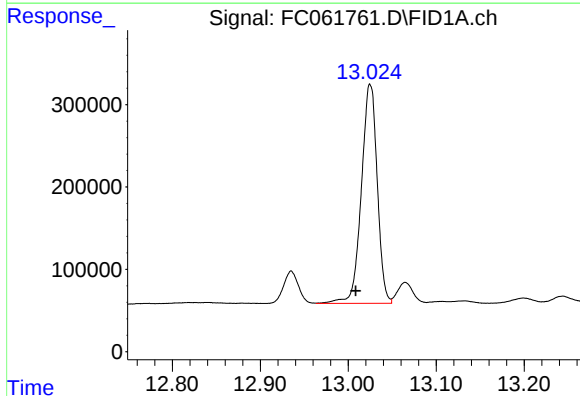
R.T.: 12.579 min
Delta R.T.: 0.014 min
Response: 77098
Conc: 0.48 ug/ml

Instrument :
FID_C
ClientSampleId :



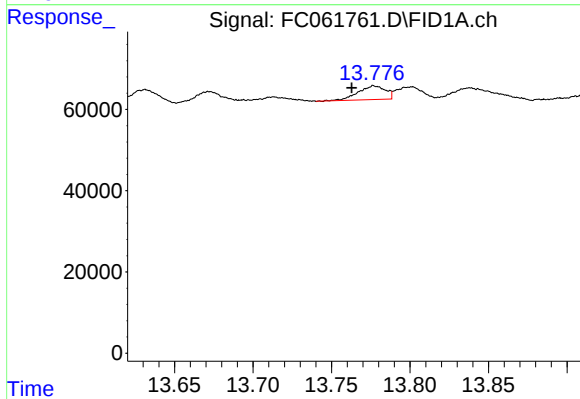
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: 0.023 min
Response: 96303
Conc: 0.60 ug/ml



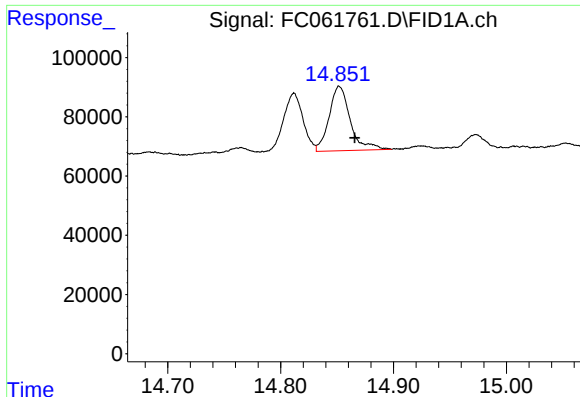
#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: 0.017 min
Response: 3338810
Conc: 24.44 ug/ml



#13 n-Docosane (C22)

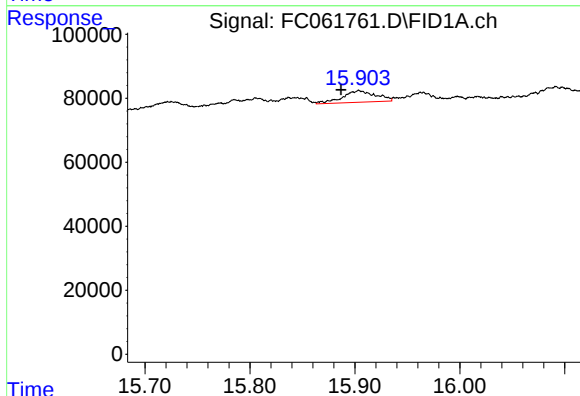
R.T.: 13.777 min
Delta R.T.: 0.014 min
Response: 40660
Conc: 0.25 ug/ml



#14 n-Tetracosane (C24)

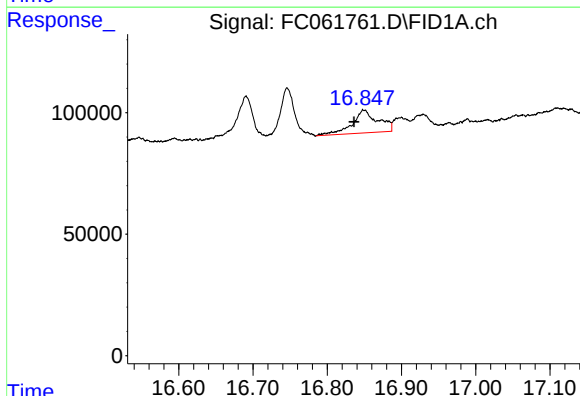
R.T.: 14.852 min
Delta R.T.: -0.014 min
Response: 283291
Conc: 1.77 ug/ml

Instrument :
FID_C
ClientSampleId :



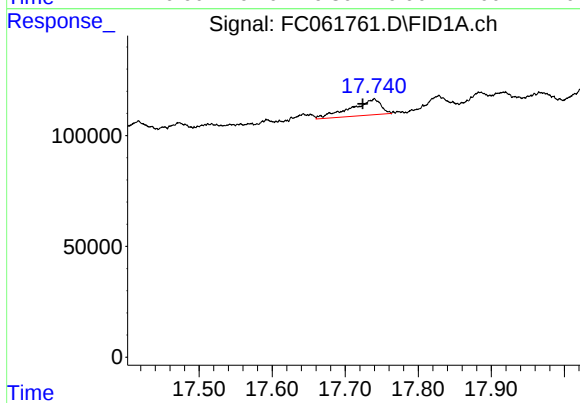
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.017 min
Response: 78823
Conc: 0.50 ug/ml



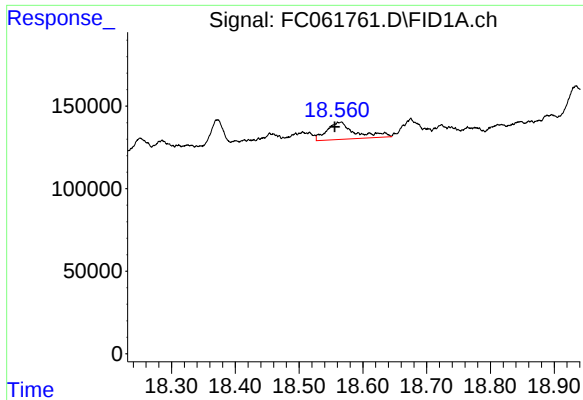
#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: 0.013 min
Response: 227342
Conc: 1.47 ug/ml



#17 n-Tricontane (C30)

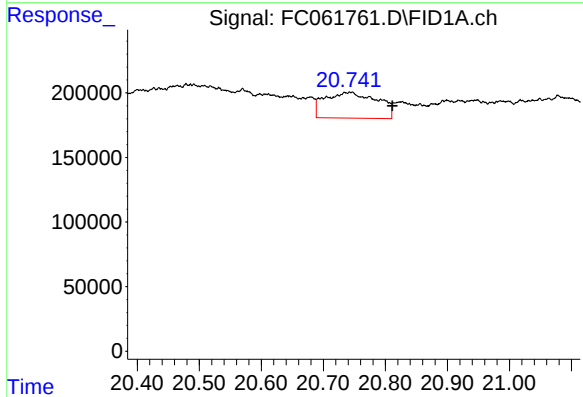
R.T.: 17.740 min
Delta R.T.: 0.015 min
Response: 204664
Conc: 1.33 ug/ml



#18 n-Dotriacontane (C32)

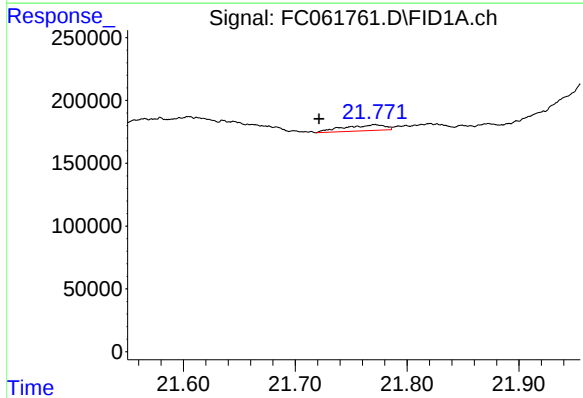
R.T.: 18.565 min
Delta R.T.: 0.009 min
Response: 319971
Conc: 2.12 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: -0.067 min
Response: 1181825
Conc: 9.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.772 min
Delta R.T.: 0.050 min
Response: 121324
Conc: 0.99 ug/ml