

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
 Data File : FC065543.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 16:50
 Operator : YP/AJ
 Sample : 06038-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 03 01:32:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 2023
 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)	11.497	8086226	35.334 ug/ml
Spiked Amount 50.000		Recovery =	70.67%
12) S 1-chlorooctadecane (S...	12.929	8064790	49.339 ug/ml
Spiked Amount 50.000		Recovery =	98.68%
Target Compounds			
1) T n-Nonane (C9)	3.286	62557	0.315 ug/ml
6) T n-Tetradecane (C14)	8.121	54277	0.271 ug/ml
10) T n-Eicosane (C20)	12.482	422713	2.255 ug/ml
11) T n-Heneicosane (C21)	13.116	1835184	10.062 ug/ml
13) T n-Docosane (C22)	13.695	2081978	11.539 ug/ml
14) T n-Tetracosane (C24)	14.825	287953	1.598 ug/ml
16) T n-Octacosane (C28)	16.736	102011	0.595 ug/ml
17) T n-Tricontane (C30)	17.619	116482	0.665 ug/ml
18) T n-Dotriacontane (C32)	18.447	82197	0.471 ug/ml
19) T n-Tetratriacontane (C34)	19.227	53263	0.322 ug/ml
20) T n-Hexatriacontane (C36)	19.963	69519	0.431 ug/ml
21) T n-Octatriacontane (C38)	20.680	111819	0.705 ug/ml
22) T n-Tetracontane (C40)	21.553	193291	1.214 ug/ml

(f)=RT Delta > 1/2 Window

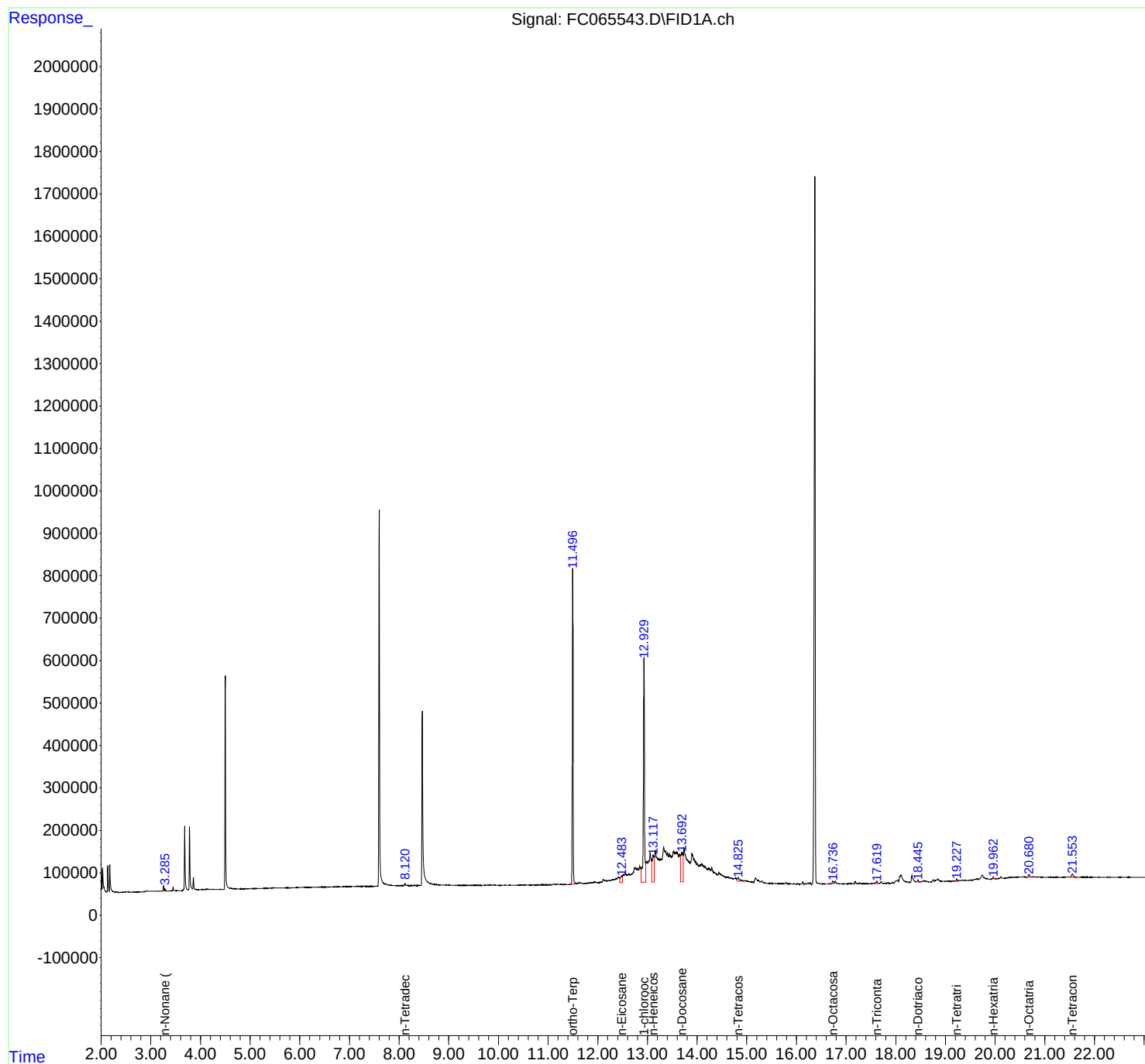
(m)=manual int.

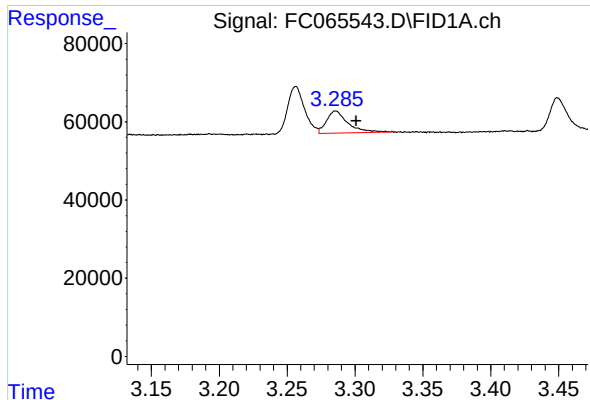
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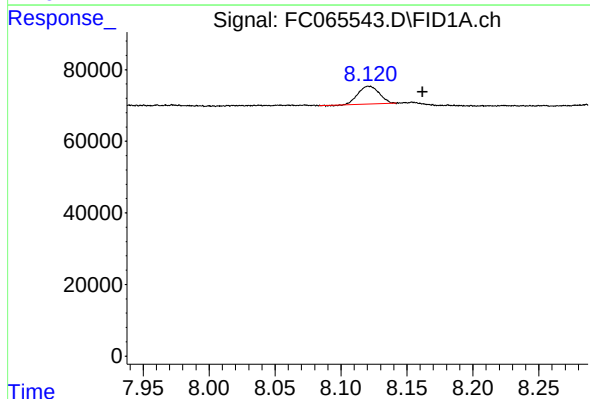




#1 n-Nonane (C9)

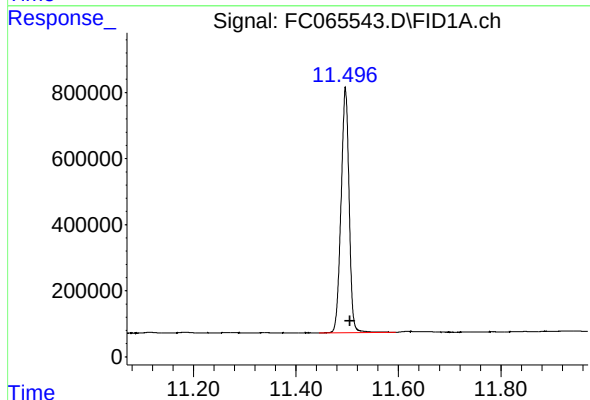
R.T.: 3.286 min
Delta R.T.: -0.015 min
Response: 62557
Conc: 0.31 ug/ml

Instrument :
FID_C
ClientSampleId :



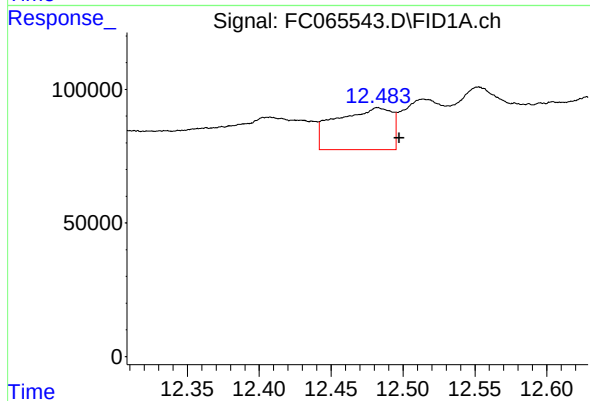
#6 n-Tetradecane (C14)

R.T.: 8.121 min
Delta R.T.: -0.041 min
Response: 54277
Conc: 0.27 ug/ml



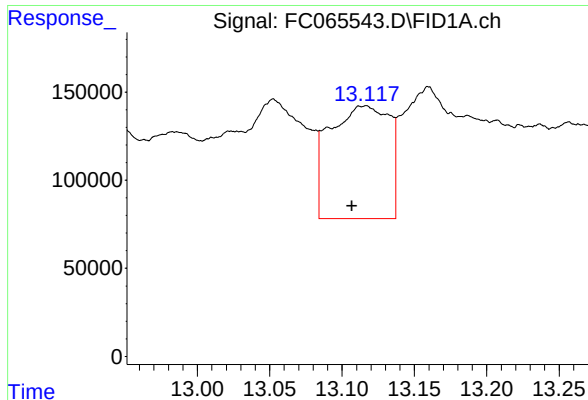
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 8086226
Conc: 35.33 ug/ml



#10 n-Eicosane (C20)

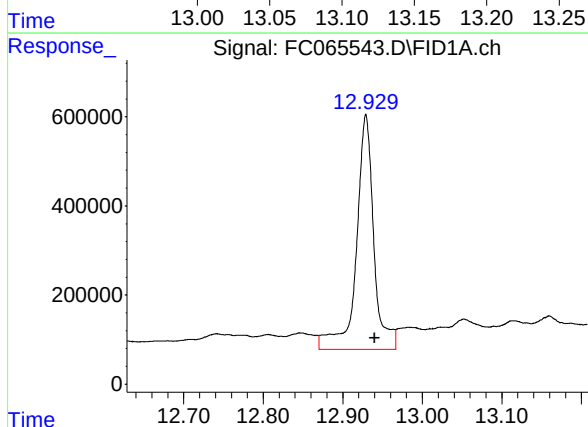
R.T.: 12.482 min
Delta R.T.: -0.015 min
Response: 422713
Conc: 2.25 ug/ml



#11 n-Heneicosane (C21)

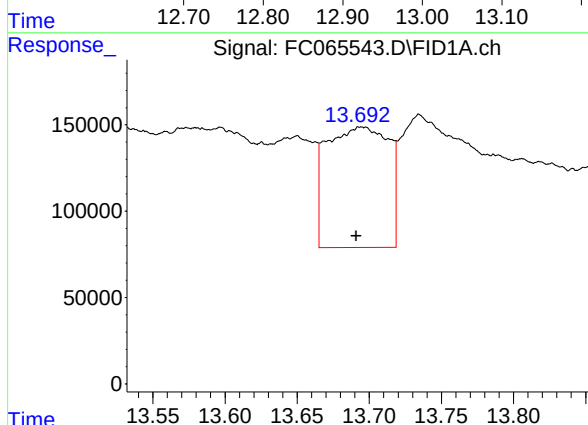
R.T.: 13.116 min
Delta R.T.: 0.009 min
Response: 1835184
Conc: 10.06 ug/ml

Instrument :
FID_C
ClientSampleId :



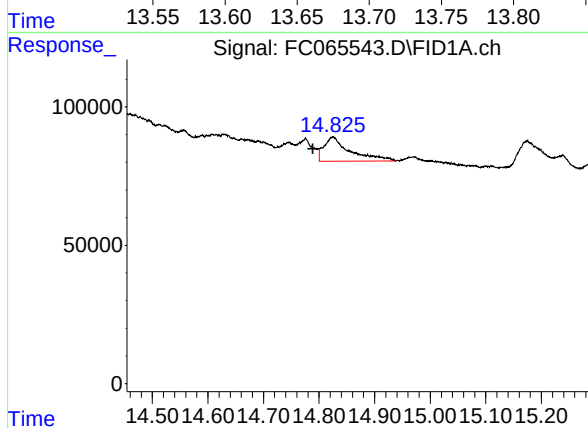
#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: -0.011 min
Response: 8064790
Conc: 49.34 ug/ml



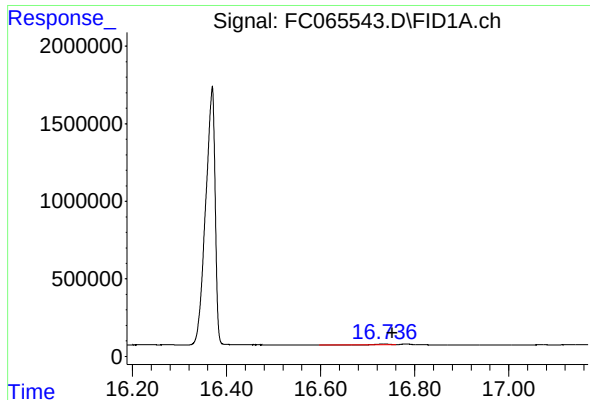
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: 0.004 min
Response: 2081978
Conc: 11.54 ug/ml



#14 n-Tetracosane (C24)

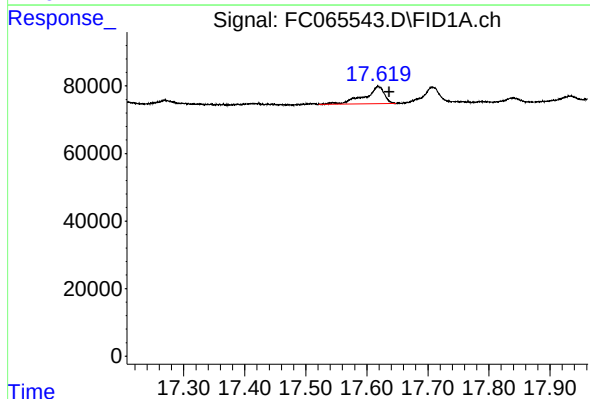
R.T.: 14.825 min
Delta R.T.: 0.036 min
Response: 287953
Conc: 1.60 ug/ml



#16 n-Octacosane (C28)

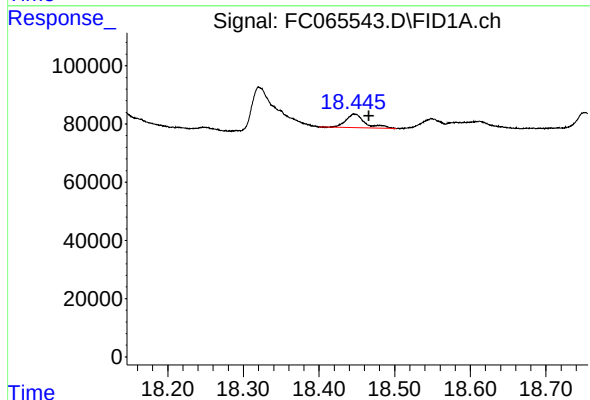
R.T.: 16.736 min
Delta R.T.: -0.017 min
Response: 102011
Conc: 0.59 ug/ml

Instrument :
FID_C
ClientSampleId :



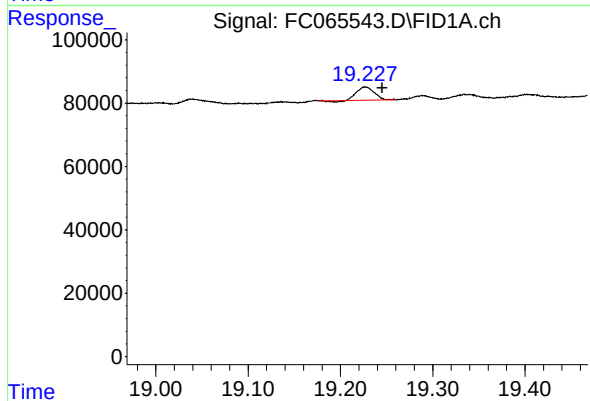
#17 n-Tricontane (C30)

R.T.: 17.619 min
Delta R.T.: -0.018 min
Response: 116482
Conc: 0.67 ug/ml



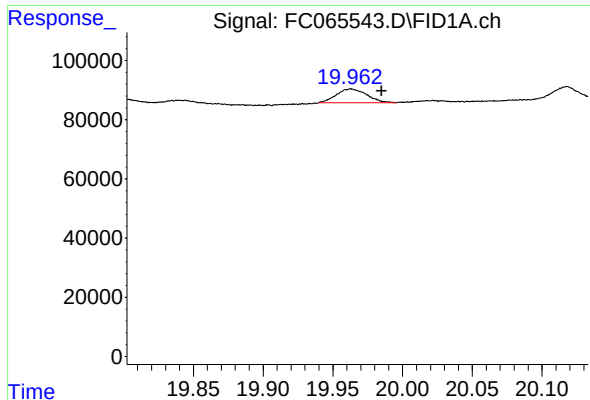
#18 n-Dotriacontane (C32)

R.T.: 18.447 min
Delta R.T.: -0.020 min
Response: 82197
Conc: 0.47 ug/ml



#19 n-Tetratriacontane (C34)

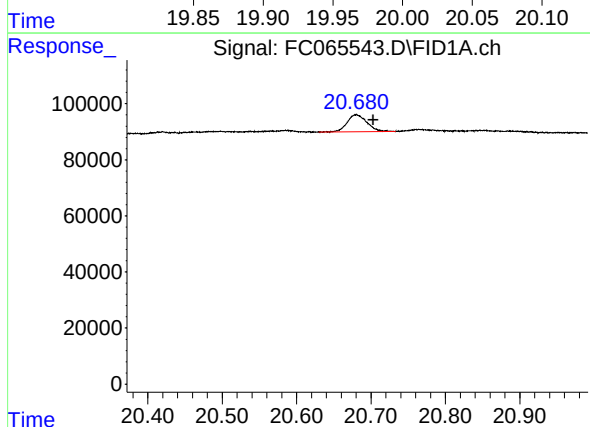
R.T.: 19.227 min
Delta R.T.: -0.019 min
Response: 53263
Conc: 0.32 ug/ml



#20 n-Hexatriacontane (C36)

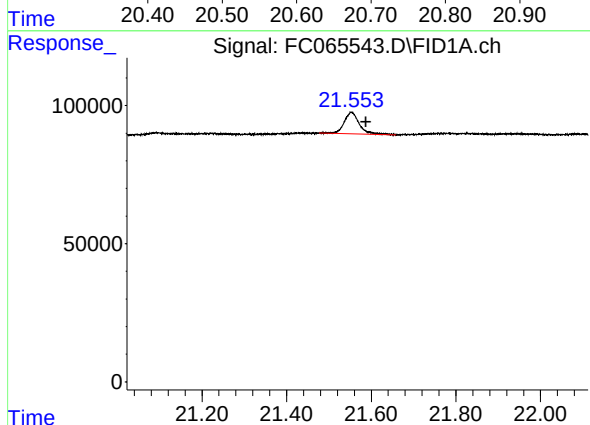
R.T.: 19.963 min
Delta R.T.: -0.022 min
Response: 69519
Conc: 0.43 ug/ml

Instrument :
FID_C
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: -0.023 min
Response: 111819
Conc: 0.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: -0.035 min
Response: 193291
Conc: 1.21 ug/ml