

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022024AL\
 Data File : FC065788.D
 Signal(s) : FID1A.ch
 Acq On : 20 Feb 2024 08:30
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 00:37:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.470	502764	2.931 ug/ml
Spiked Amount 50.000		Recovery =	5.86%
12) S 1-chlorooctadecane (S...	12.908	113719	0.904 ug/ml
Spiked Amount 50.000		Recovery =	1.81%
Target Compounds			
7) T n-Hexadecane (C16)	9.741	1275141	8.503 ug/ml
8) T n-Octadecane (C18)	11.105f	169322	1.098 ug/ml
10) T n-Eicosane (C20)	12.421f	683458	4.545 ug/ml
11) T n-Heneicosane (C21)	13.069	987684	6.604 ug/ml
13) T n-Docosane (C22)	13.667	870630	5.870 ug/ml
14) T n-Tetracosane (C24)	14.774	678753	4.565 ug/ml
15) T n-Hexacosane (C26)	15.792	481565	3.250 ug/ml
16) T n-Octacosane (C28)	16.737	388369	2.647 ug/ml
17) T n-Tricontane (C30)	17.620	411495	2.741 ug/ml
18) T n-Dotriacontane (C32)	18.447	842405	5.696 ug/ml
19) T n-Tetratriacontane (C34)	19.229	1357581	9.366 ug/ml
20) T n-Hexatriacontane (C36)	19.965	2064026	14.541 ug/ml
21) T n-Octatriacontane (C38)	20.675	1687319	11.920 ug/ml
22) T n-Tetracontane (C40)	21.552	419831	3.010 ug/ml

(f)=RT Delta > 1/2 Window

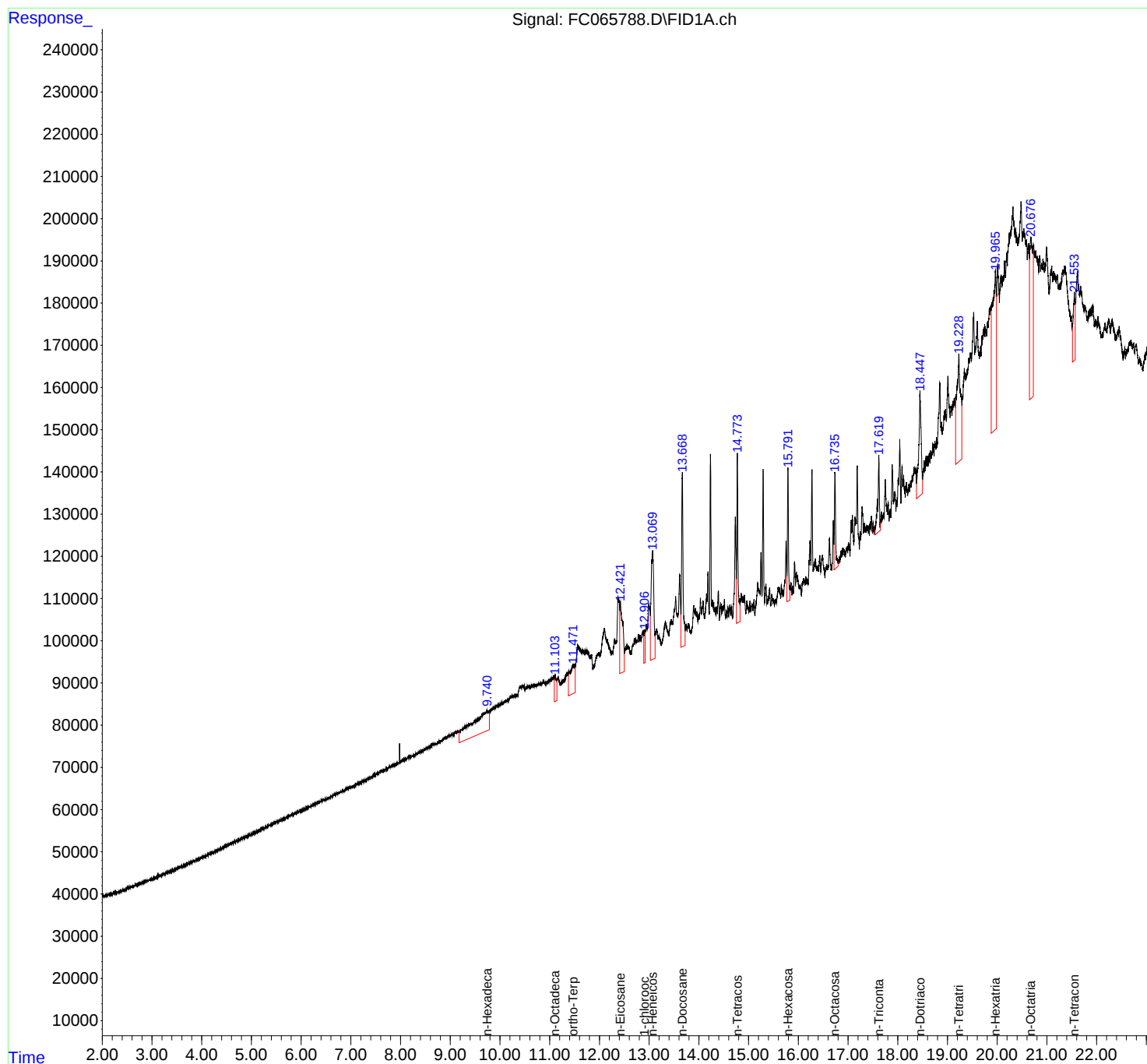
(m)=manual int.

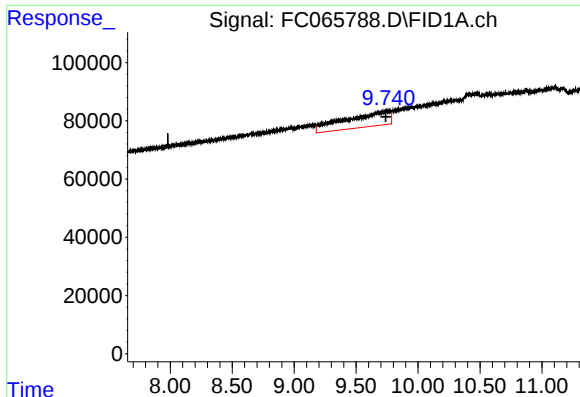
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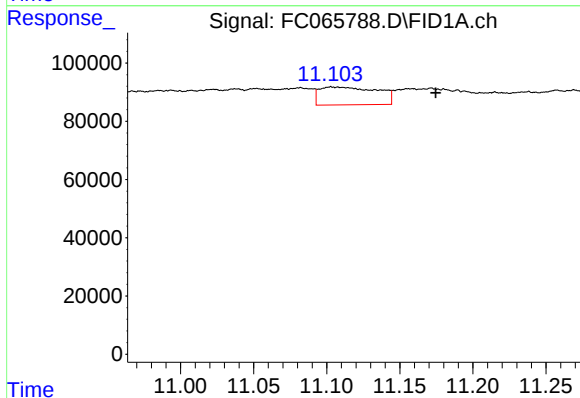




#7 n-Hexadecane (C16)

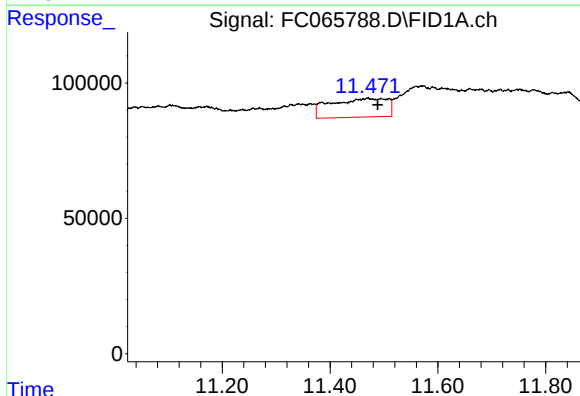
R.T.: 9.741 min
Delta R.T.: 0.000 min
Response: 1275141
Conc: 8.50 ug/ml

Instrument :
FID_C
ClientSampleId :



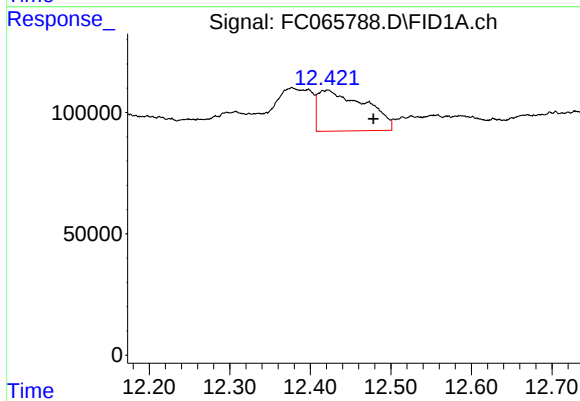
#8 n-Octadecane (C18)

R.T.: 11.105 min
Delta R.T.: -0.069 min
Response: 169322
Conc: 1.10 ug/ml



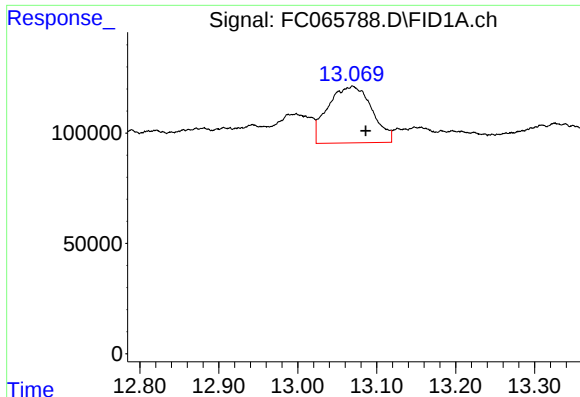
#9 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.018 min
Response: 502764
Conc: 2.93 ug/ml



#10 n-Eicosane (C20)

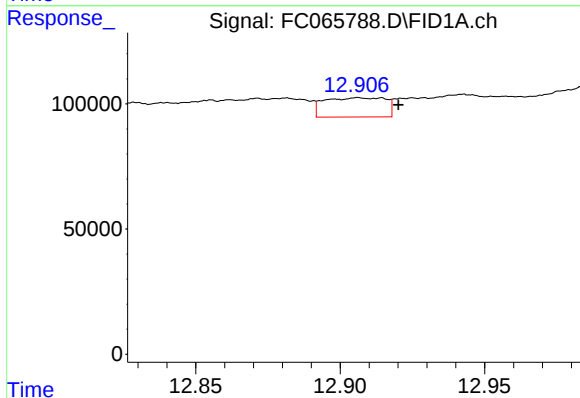
R.T.: 12.421 min
Delta R.T.: -0.057 min
Response: 683458
Conc: 4.54 ug/ml



#11 n-Heneicosane (C21)

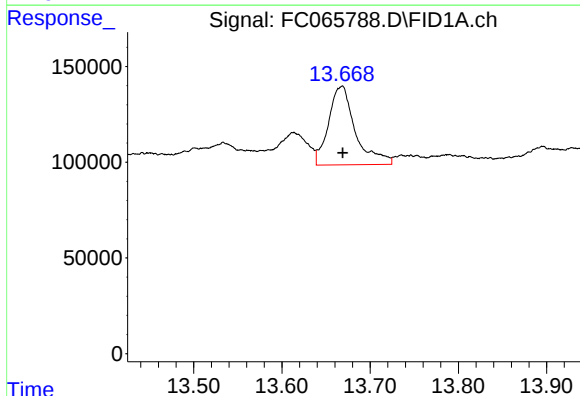
R.T.: 13.069 min
Delta R.T.: -0.017 min
Response: 987684
Conc: 6.60 ug/ml

Instrument :
FID_C
ClientSampleId :



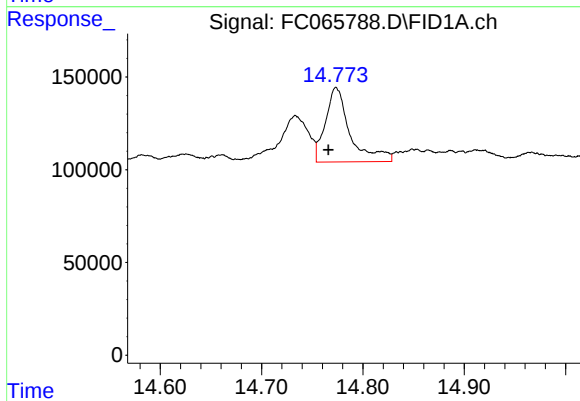
#12 1-chlorooctadecane (SURR)

R.T.: 12.908 min
Delta R.T.: -0.012 min
Response: 113719
Conc: 0.90 ug/ml



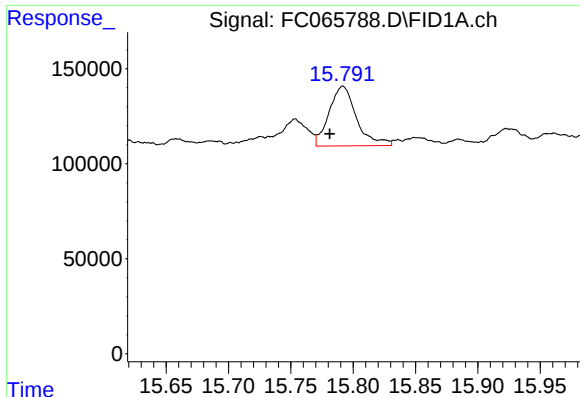
#13 n-Docosane (C22)

R.T.: 13.667 min
Delta R.T.: -0.002 min
Response: 870630
Conc: 5.87 ug/ml



#14 n-Tetracosane (C24)

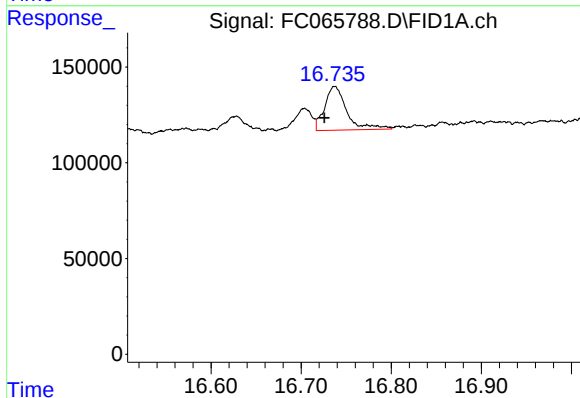
R.T.: 14.774 min
Delta R.T.: 0.008 min
Response: 678753
Conc: 4.57 ug/ml



#15 n-Hexacosane (C26)

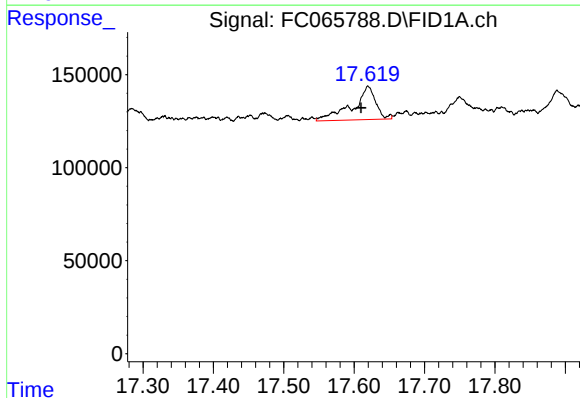
R.T.: 15.792 min
Delta R.T.: 0.010 min
Response: 481565
Conc: 3.25 ug/ml

Instrument :
FID_C
ClientSampleId :



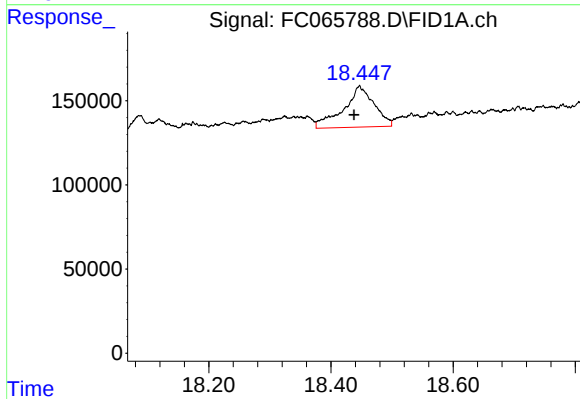
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.011 min
Response: 388369
Conc: 2.65 ug/ml



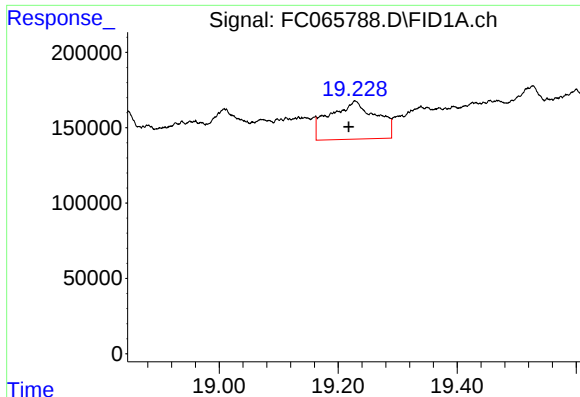
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.010 min
Response: 411495
Conc: 2.74 ug/ml



#18 n-Dotriacontane (C32)

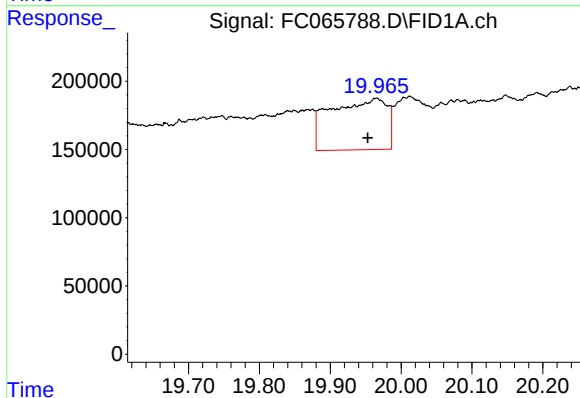
R.T.: 18.447 min
Delta R.T.: 0.009 min
Response: 842405
Conc: 5.70 ug/ml



#19 n-Tetratriacontane (C34)

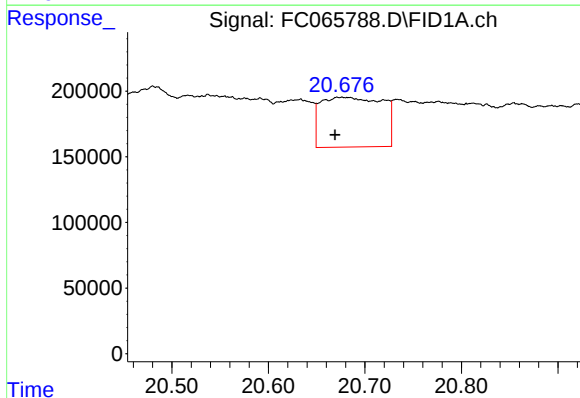
R.T.: 19.229 min
Delta R.T.: 0.011 min
Response: 1357581
Conc: 9.37 ug/ml

Instrument :
FID_C
ClientSampleId :



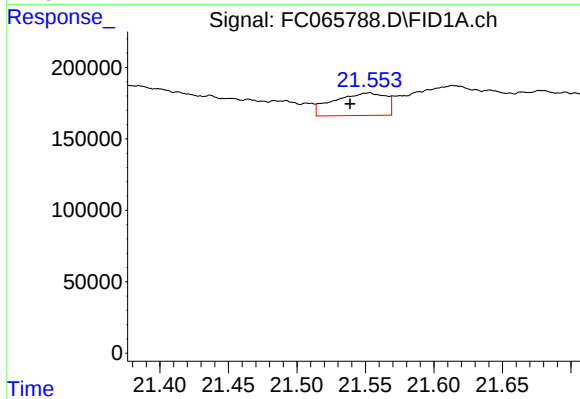
#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: 0.012 min
Response: 2064026
Conc: 14.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.675 min
Delta R.T.: 0.006 min
Response: 1687319
Conc: 11.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.013 min
Response: 419831
Conc: 3.01 ug/ml