

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052424AL\
 Data File : FC066474.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 18:16
 Operator : YP/AJ
 Sample : P2597-01DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 25 02:12:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.564	514568	3.112 ug/ml
Spiked Amount 50.000		Recovery =	6.22%
12) S 1-chlorooctadecane (S...	13.004	454082	3.702 ug/ml
Spiked Amount 50.000		Recovery =	7.40%
Target Compounds			
6) T n-Tetradecane (C14)	8.203	75231	0.497 ug/ml
7) T n-Hexadecane (C16)	9.806	126195	0.825 ug/ml
8) T n-Octadecane (C18)	11.249	101451	0.668 ug/ml
10) T n-Eicosane (C20)	12.559	91874	0.639 ug/ml
11) T n-Heneicosane (C21)	13.174	71826	0.511 ug/ml
13) T n-Docosane (C22)	13.760	56101	0.401 ug/ml
14) T n-Tetracosane (C24)	14.828	37157	0.264 ug/ml
15) T n-Hexacosane (C26)	15.886	87295	0.638 ug/ml
16) T n-Octacosane (C28)	16.834	107304	0.801 ug/ml
17) T n-Tricontane (C30)	17.723	161770	1.200 ug/ml
18) T n-Dotriacontane (C32)	18.555	102386	0.795 ug/ml
19) T n-Tetratriacontane (C34)	19.340	93713	0.792 ug/ml
20) T n-Hexatriacontane (C36)	20.092	981296	8.537 ug/ml
22) T n-Tetracontane (C40)	21.743	1096615	10.226 ug/ml

(f)=RT Delta > 1/2 Window

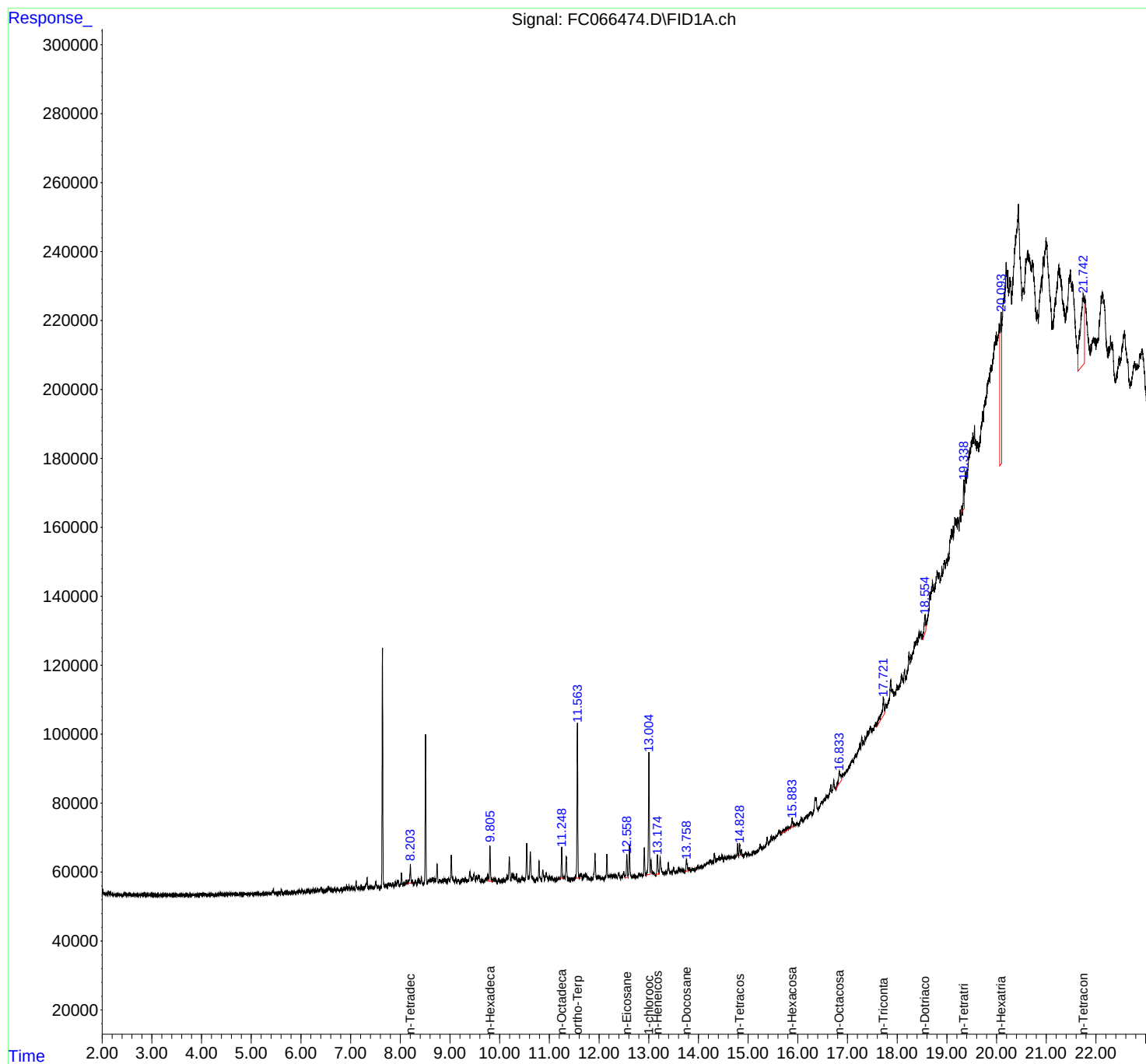
(m)=manual int.

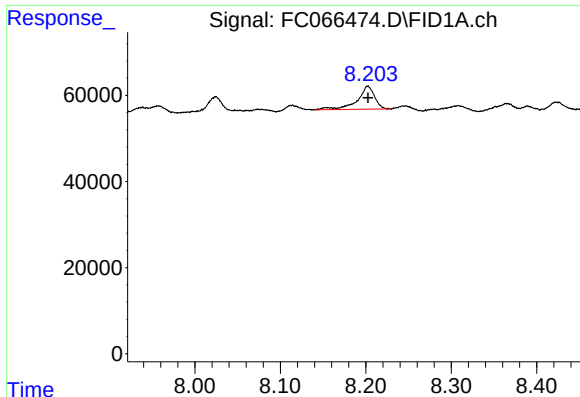
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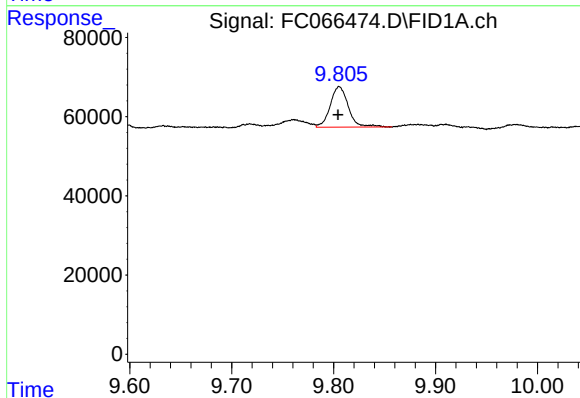




#6 n-Tetradecane (C14)

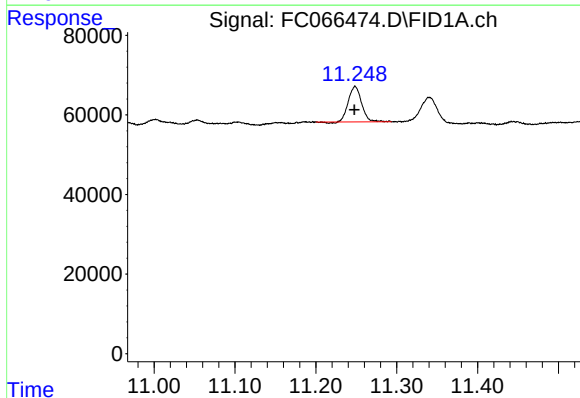
R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 75231
Conc: 0.50 ug/ml

Instrument :
FID_C
ClientSampleId :



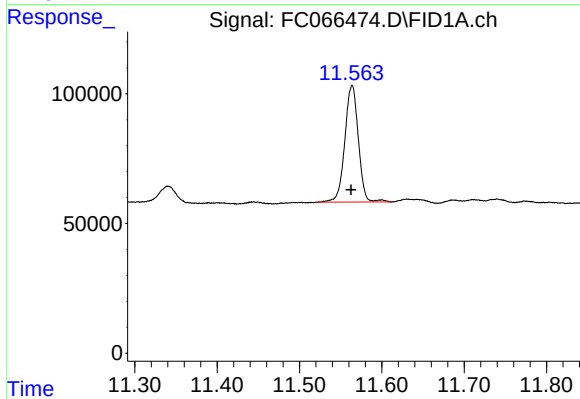
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: 0.001 min
Response: 126195
Conc: 0.83 ug/ml



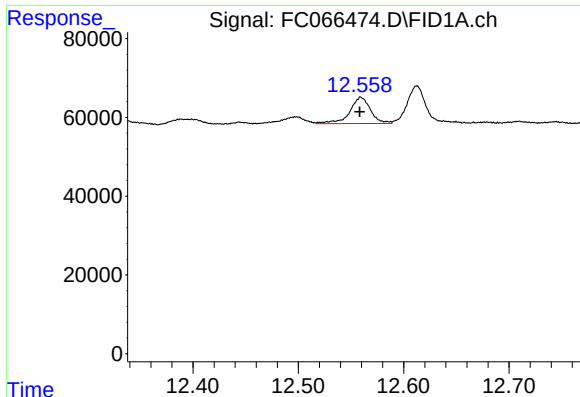
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 101451
Conc: 0.67 ug/ml



#9 ortho-Terphenyl (SURR)

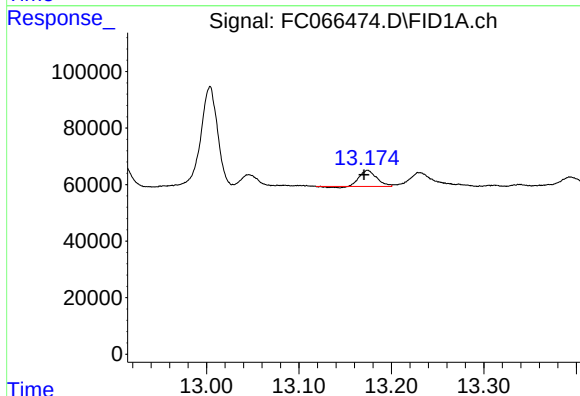
R.T.: 11.564 min
Delta R.T.: 0.000 min
Response: 514568
Conc: 3.11 ug/ml



#10 n-Eicosane (C20)

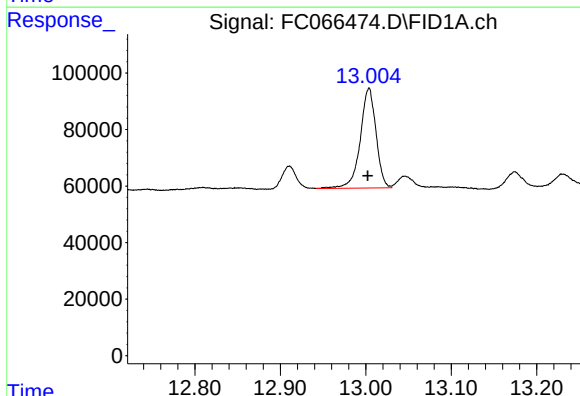
R.T.: 12.559 min
Delta R.T.: 0.001 min
Response: 91874
Conc: 0.64 ug/ml

Instrument :
FID_C
ClientSampleId :



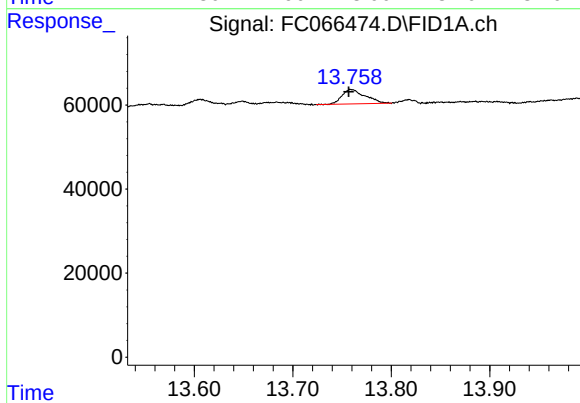
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.004 min
Response: 71826
Conc: 0.51 ug/ml



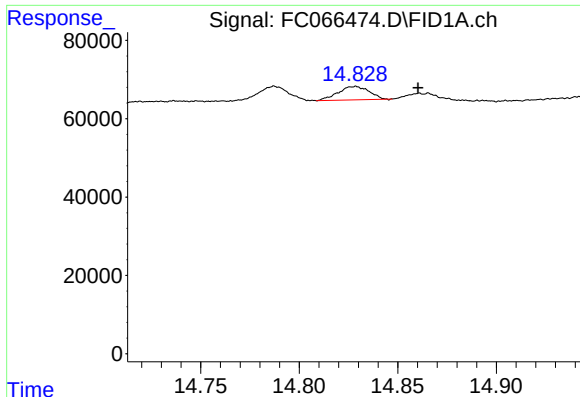
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: 0.001 min
Response: 454082
Conc: 3.70 ug/ml



#13 n-Docosane (C22)

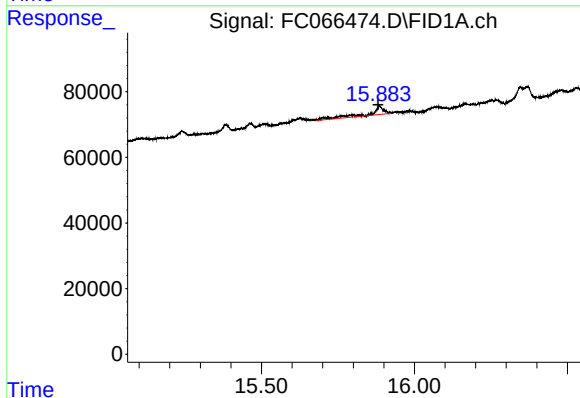
R.T.: 13.760 min
Delta R.T.: 0.003 min
Response: 56101
Conc: 0.40 ug/ml



#14 n-Tetracosane (C24)

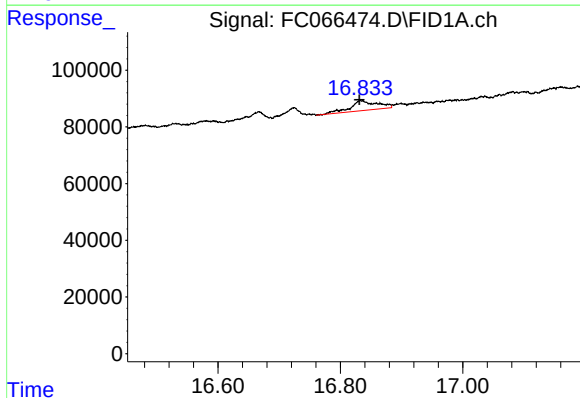
R.T.: 14.828 min
Delta R.T.: -0.032 min
Response: 37157
Conc: 0.26 ug/ml

Instrument :
FID_C
ClientSampleId :



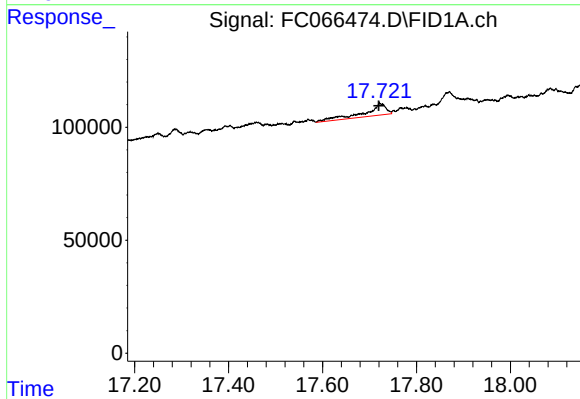
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.005 min
Response: 87295
Conc: 0.64 ug/ml



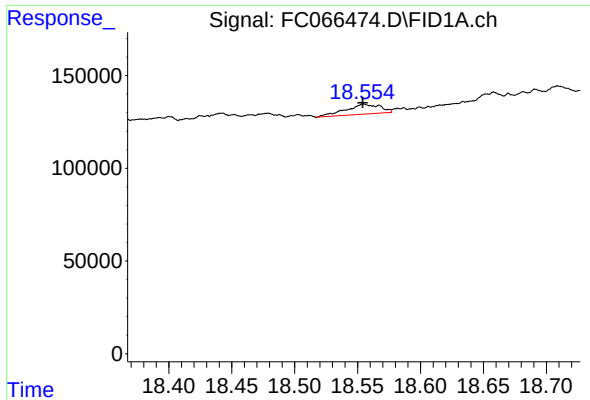
#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: 0.002 min
Response: 107304
Conc: 0.80 ug/ml



#17 n-Tricontane (C30)

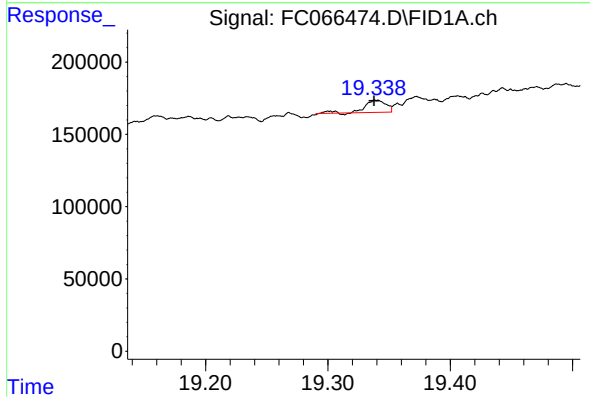
R.T.: 17.723 min
Delta R.T.: 0.004 min
Response: 161770
Conc: 1.20 ug/ml



#18 n-Dotriacontane (C32)

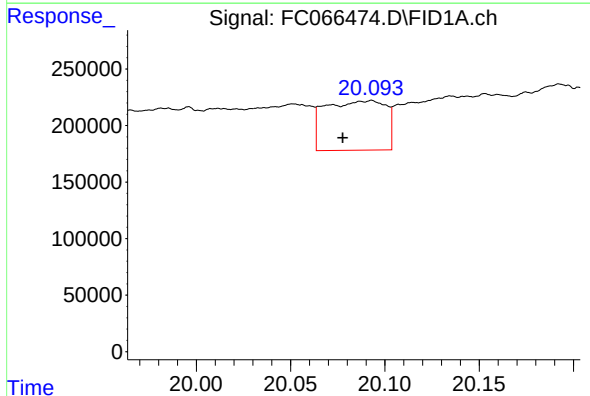
R.T.: 18.555 min
Delta R.T.: 0.001 min
Response: 102386
Conc: 0.80 ug/ml

Instrument :
FID_C
ClientSampleId :



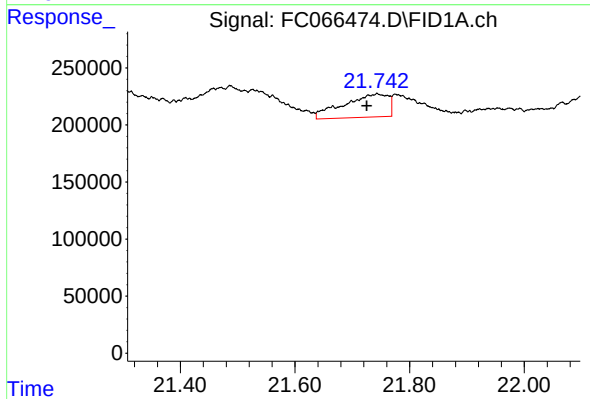
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: 0.002 min
Response: 93713
Conc: 0.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: 0.014 min
Response: 981296
Conc: 8.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: 0.018 min
Response: 1096615
Conc: 10.23 ug/ml