

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066766.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 20:24
 Operator : YP/AJ
 Sample : P3207-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 02:53:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.536	17720705	102.736 ug/ml
Spiked Amount 50.000		Recovery =	205.47%
12) S 1-chlorooctadecane (S...	12.974	12363481	89.603 ug/ml
Spiked Amount 50.000		Recovery =	179.21%
Target Compounds			
5) T A~2-methylnaphthalene...	7.025	55733	0.351 ug/ml
6) T n-Tetradecane (C14)	8.176	1029188	6.785 ug/ml
7) T n-Hexadecane (C16)	9.776	2242506	13.999 ug/ml
8) T n-Octadecane (C18)	11.213	8254418	49.748 ug/ml
10) T n-Eicosane (C20)	12.531	6463375	39.758 ug/ml
11) T n-Heneicosane (C21)	13.142	3101747	19.251 ug/ml
13) T n-Docosane (C22)	13.719	2763003	17.234 ug/ml
14) T n-Tetracosane (C24)	14.787f	268103	1.689 ug/ml
16) T n-Octacosane (C28)	16.782	86134	0.597 ug/ml
17) T n-Tricontane (C30)	17.673	124436	0.891 ug/ml
18) T n-Dotriacontane (C32)	18.498	113540	0.860 ug/ml
19) T n-Tetratriacontane (C34)	19.343	92086	0.745 ug/ml
20) T n-Hexatriacontane (C36)	20.108f	47984	0.398 ug/ml

(f)=RT Delta > 1/2 Window

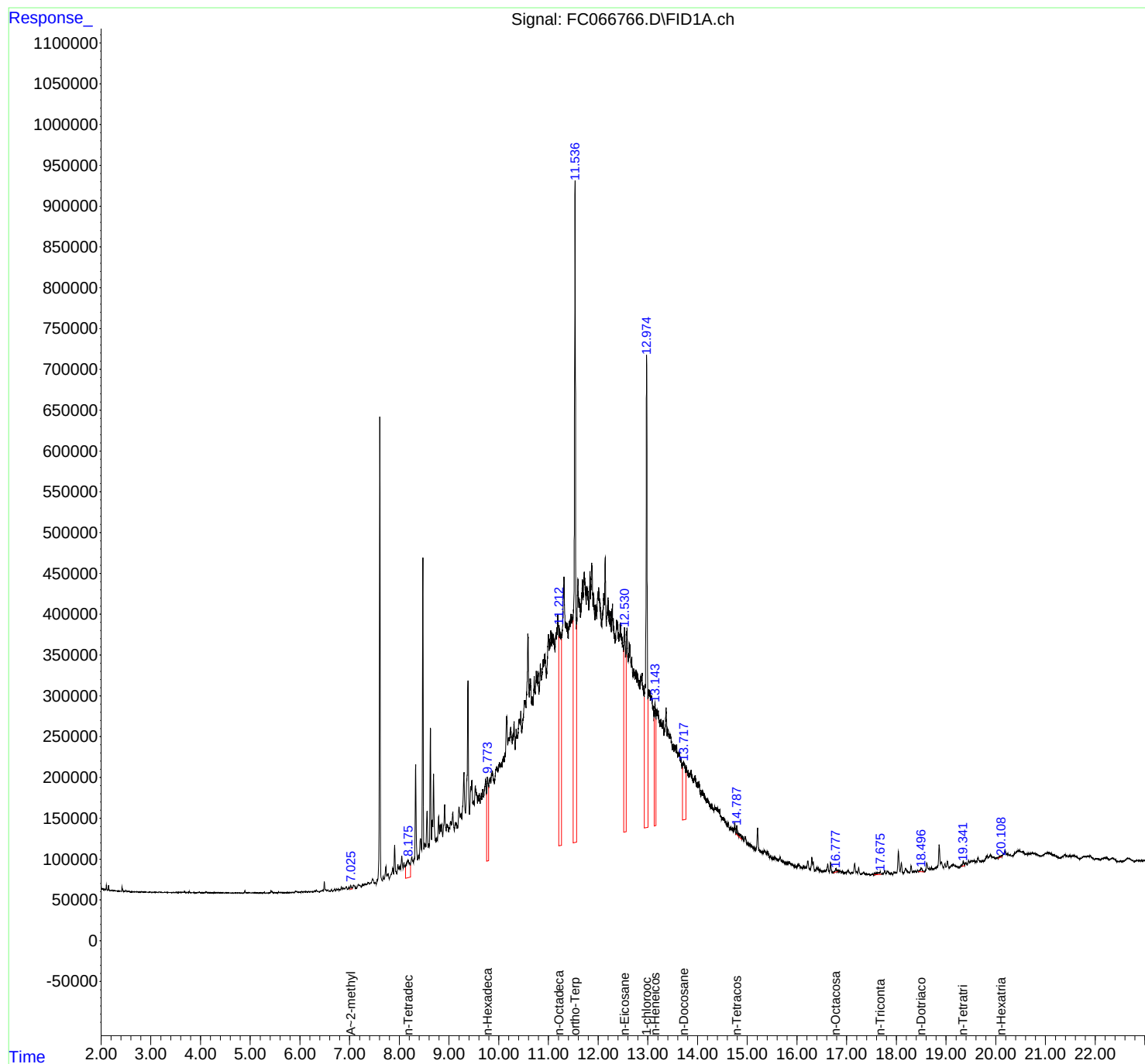
(m)=manual int.

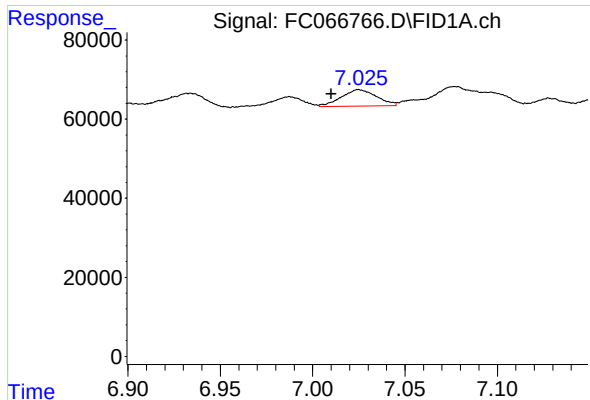
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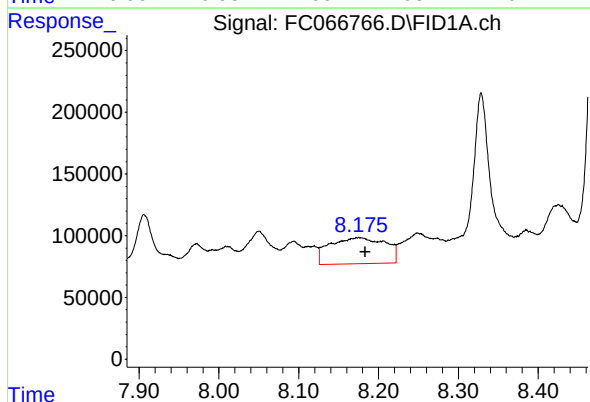




#5 A~2-methylnaphthalene (C12.89)

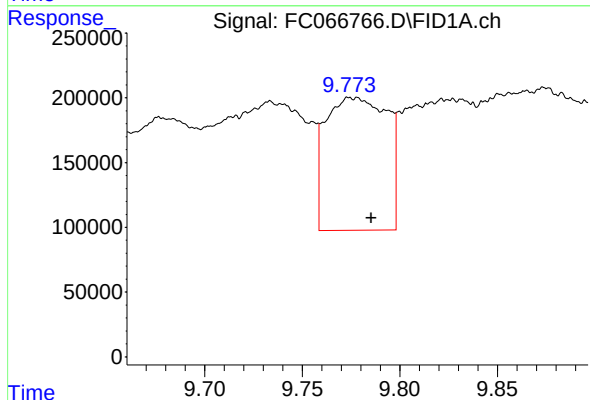
R.T.: 7.025 min
Delta R.T.: 0.015 min
Response: 55733
Conc: 0.35 ug/ml

Instrument :
FID_C
ClientSampleId :



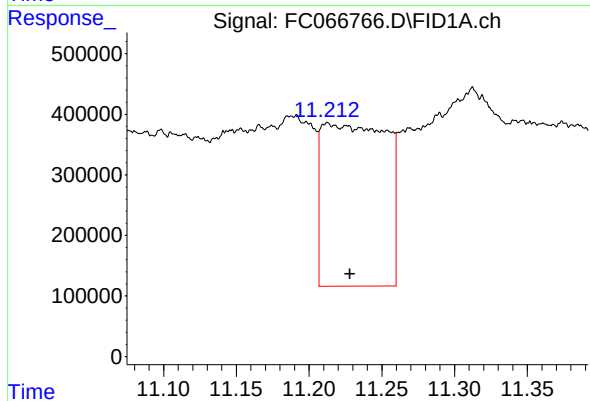
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.008 min
Response: 1029188
Conc: 6.78 ug/ml



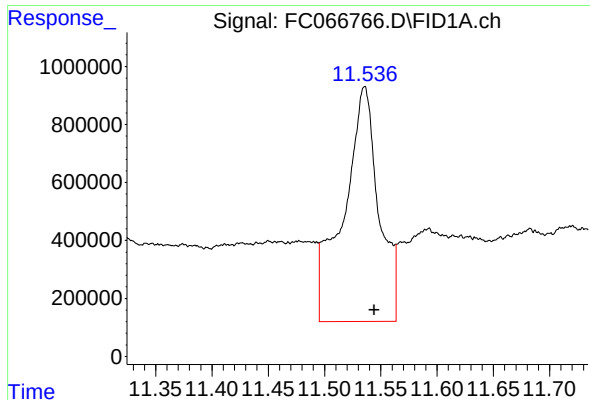
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.009 min
Response: 2242506
Conc: 14.00 ug/ml



#8 n-Octadecane (C18)

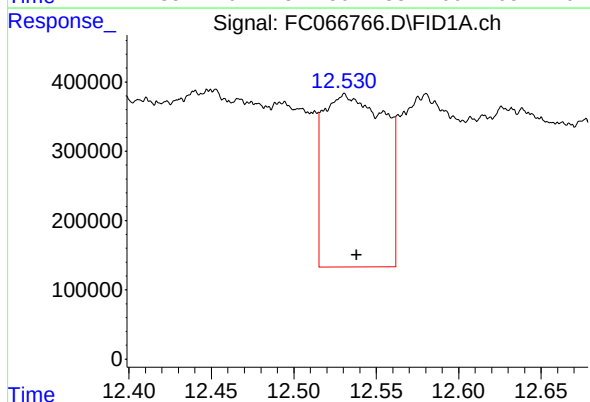
R.T.: 11.213 min
Delta R.T.: -0.015 min
Response: 8254418
Conc: 49.75 ug/ml



#9 ortho-Terphenyl (SURR)

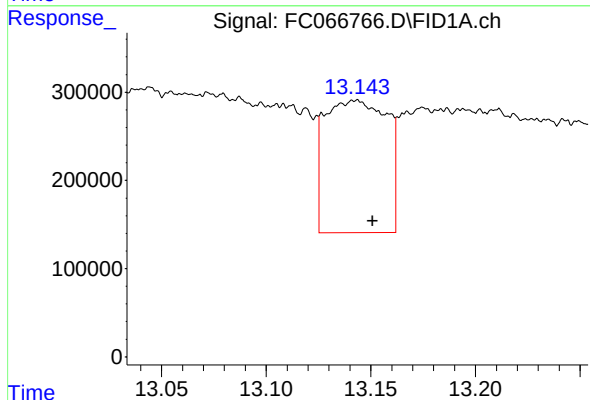
R.T.: 11.536 min
Delta R.T.: -0.009 min
Response: 17720705
Conc: 102.74 ug/ml

Instrument :
FID_C
ClientSampleId :



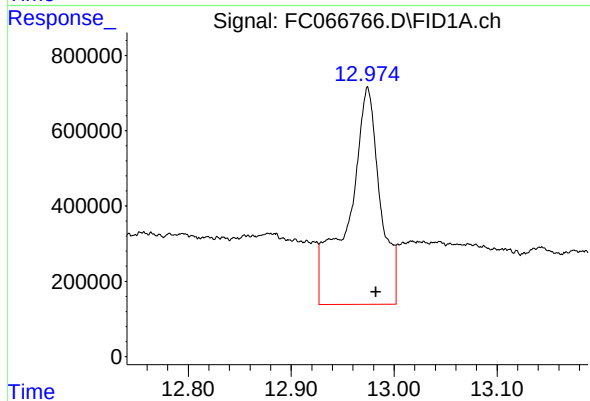
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.007 min
Response: 6463375
Conc: 39.76 ug/ml



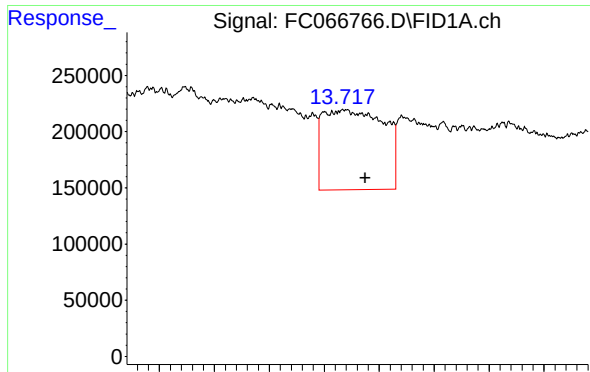
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.008 min
Response: 3101747
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

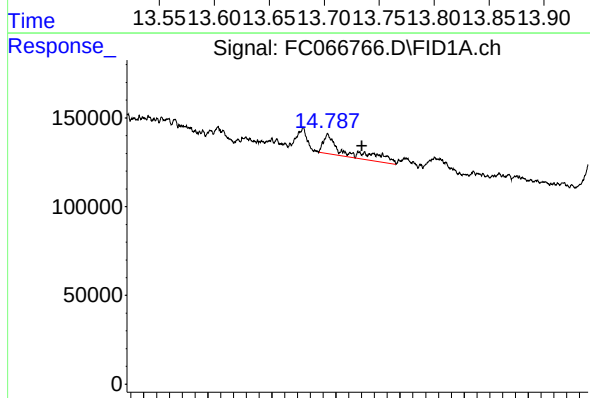
R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 12363481
Conc: 89.60 ug/ml



#13 n-Docosane (C22)

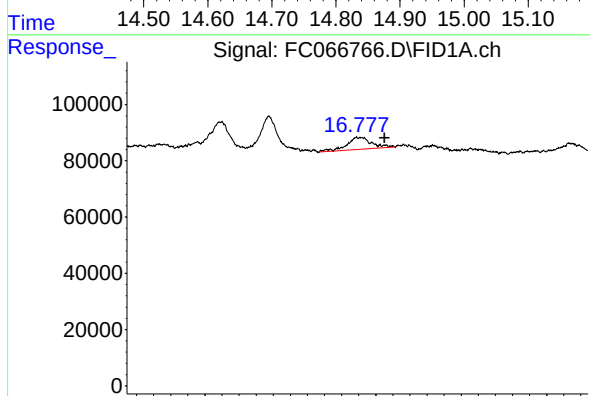
R.T.: 13.719 min
Delta R.T.: -0.019 min
Response: 2763003
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :



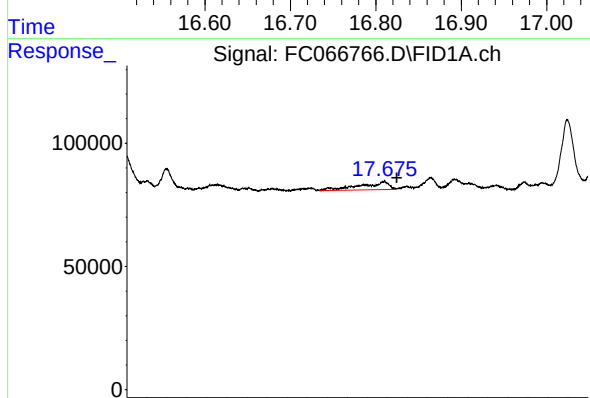
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.053 min
Response: 268103
Conc: 1.69 ug/ml



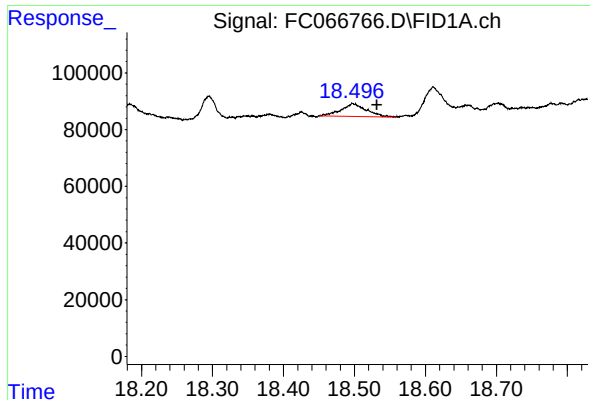
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.029 min
Response: 86134
Conc: 0.60 ug/ml



#17 n-Tricontane (C30)

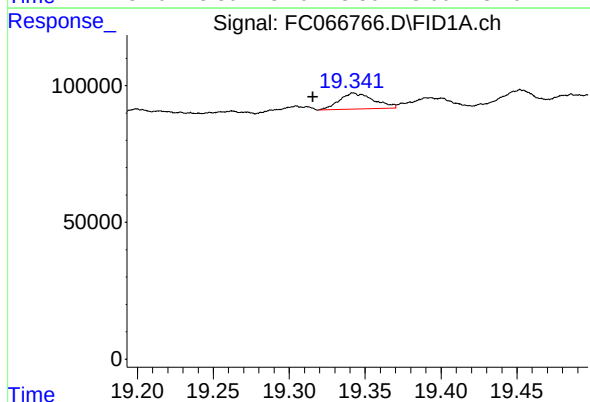
R.T.: 17.673 min
Delta R.T.: -0.026 min
Response: 124436
Conc: 0.89 ug/ml



#18 n-Dotriacontane (C32)

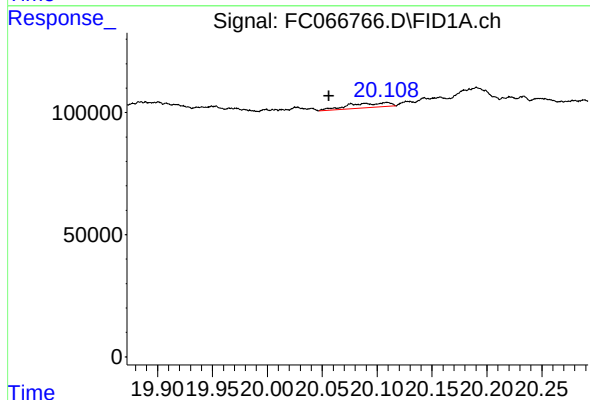
R.T.: 18.498 min
Delta R.T.: -0.034 min
Response: 113540
Conc: 0.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: 0.028 min
Response: 92086
Conc: 0.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: 0.052 min
Response: 47984
Conc: 0.40 ug/ml