

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031524AL\
 Data File : FC066014.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2024 09:17
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 23:29:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.542	48443	0.248 ug/ml
Spiked Amount 50.000		Recovery =	0.50%
12) S 1-chlorooctadecane (S...	12.957	60404	0.414 ug/ml
Spiked Amount 50.000		Recovery =	0.83%
Target Compounds			
6) T n-Tetradecane (C14)	8.136	1227797	7.061 ug/ml
7) T n-Hexadecane (C16)	9.719	17225	0.096 ug/ml
10) T n-Eicosane (C20)	12.445	65339	0.374 ug/ml
11) T n-Heneicosane (C21)	13.059	65400	0.377 ug/ml
13) T n-Docosane (C22)	13.643	68755	0.400 ug/ml
14) T n-Tetracosane (C24)	14.738	106839	0.626 ug/ml
15) T n-Hexacosane (C26)	15.751	45498	0.270 ug/ml
16) T n-Octacosane (C28)	16.694	39704	0.239 ug/ml
17) T n-Tricontane (C30)	17.641	44166	0.259 ug/ml
18) T n-Dotriacontane (C32)	18.414	82576	0.490 ug/ml
20) T n-Hexatriacontane (C36)	19.967	88527	0.557 ug/ml
22) T n-Tetracontane (C40)	21.535	74393	0.470 ug/ml

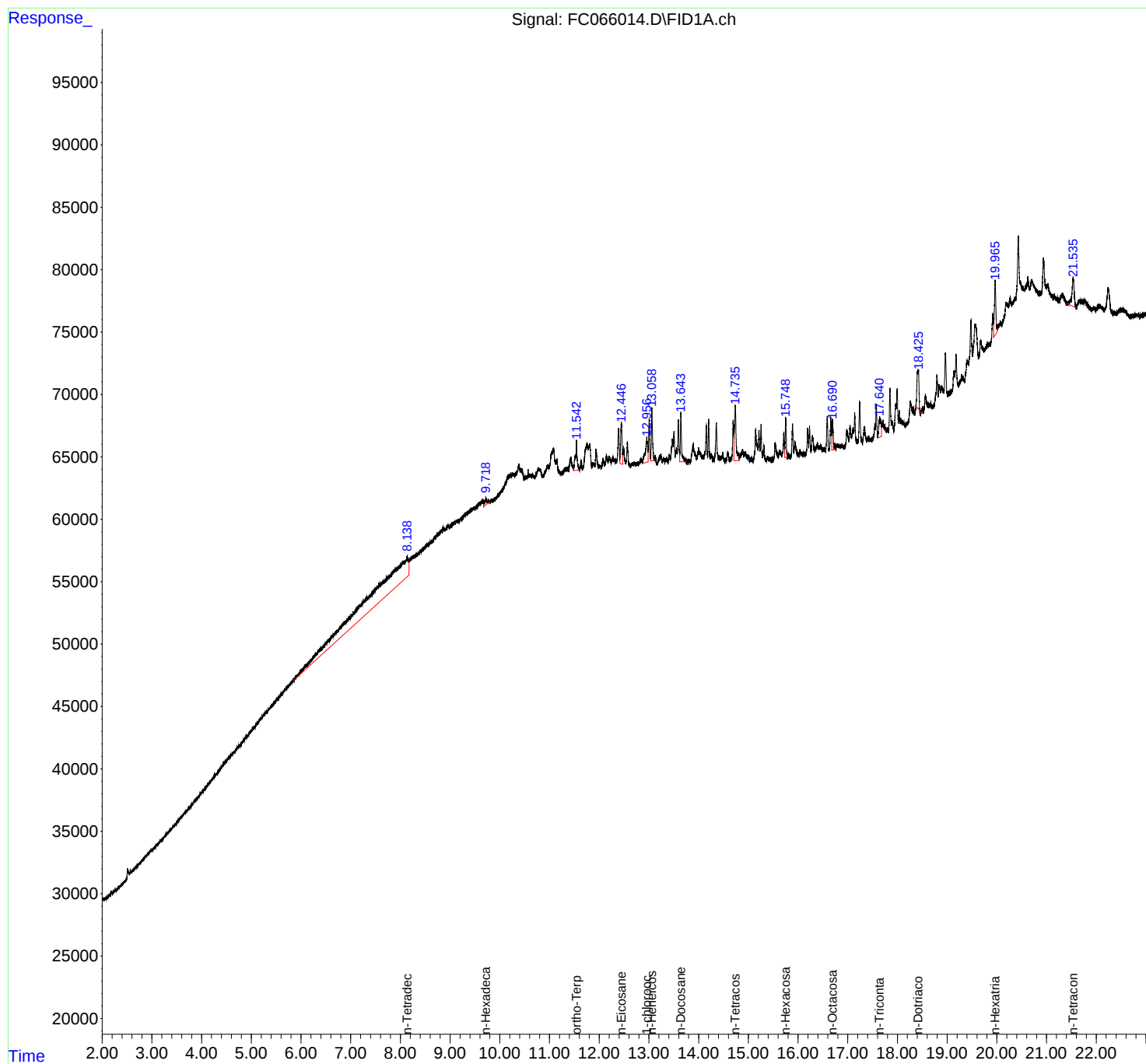
(f)=RT Delta > 1/2 Window

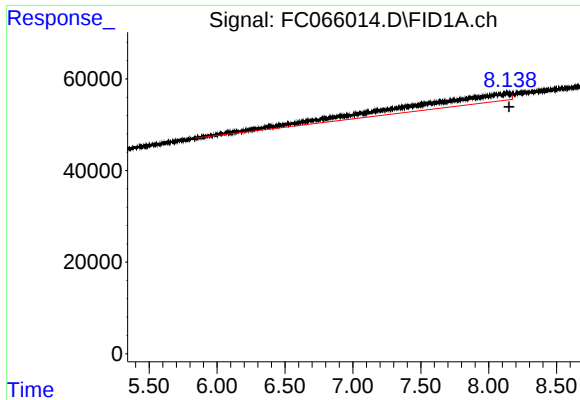
(m)=manual int.

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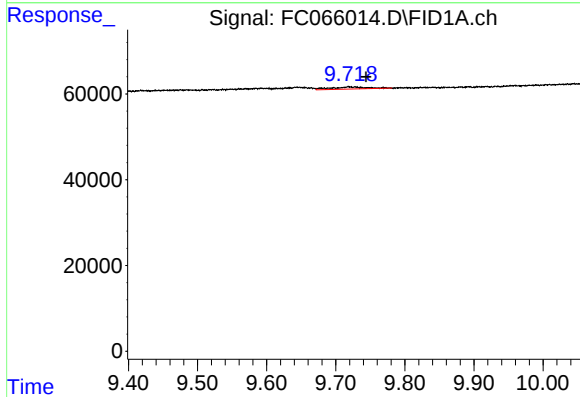
#6 n-Tetradecane (C14)

R.T.: 8.136 min

Delta R.T.: -0.013 min

Response: 1227797

Conc: 7.06 ug/ml



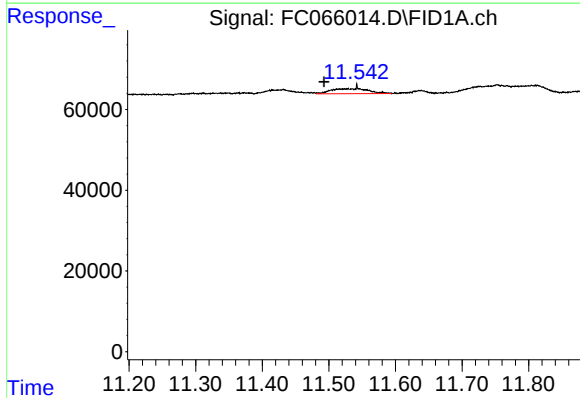
#7 n-Hexadecane (C16)

R.T.: 9.719 min

Delta R.T.: -0.025 min

Response: 17225

Conc: 0.10 ug/ml



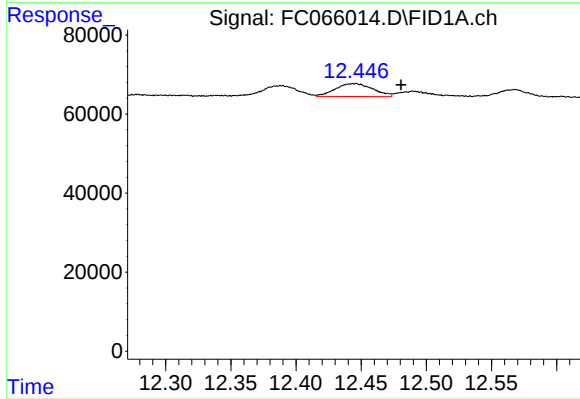
#9 ortho-Terphenyl (SURR)

R.T.: 11.542 min

Delta R.T.: 0.049 min

Response: 48443

Conc: 0.25 ug/ml



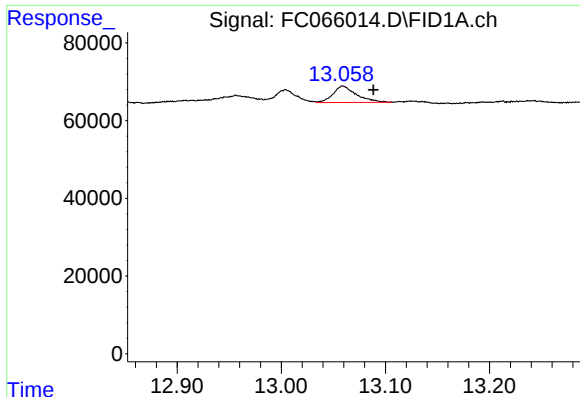
#10 n-Eicosane (C20)

R.T.: 12.445 min

Delta R.T.: -0.036 min

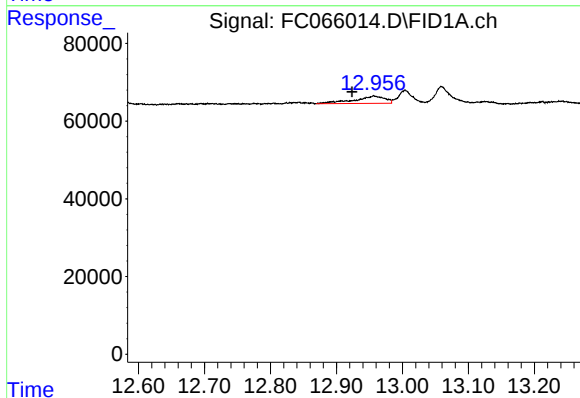
Response: 65339

Conc: 0.37 ug/ml



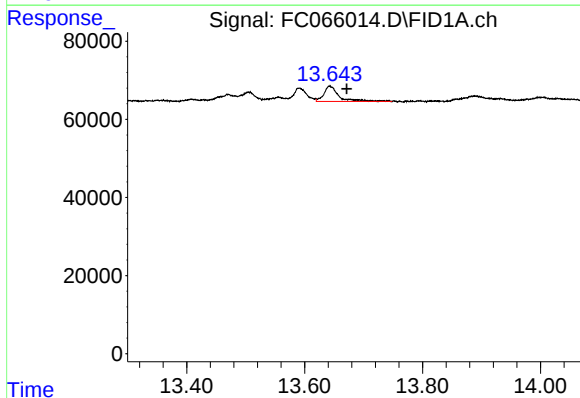
#11 n-Heneicosane (C21)

R.T.: 13.059 min
Delta R.T.: -0.029 min
Response: 65400
Conc: 0.38 ug/ml



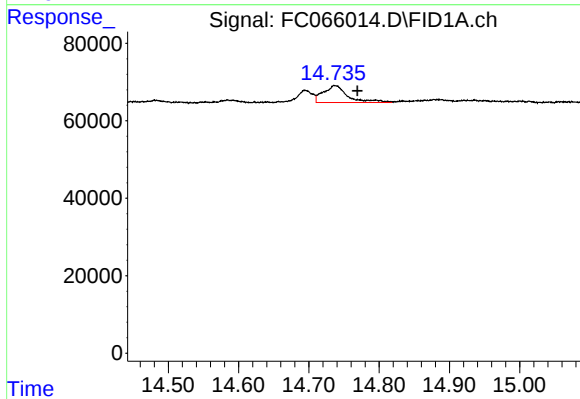
#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: 0.034 min
Response: 60404
Conc: 0.41 ug/ml



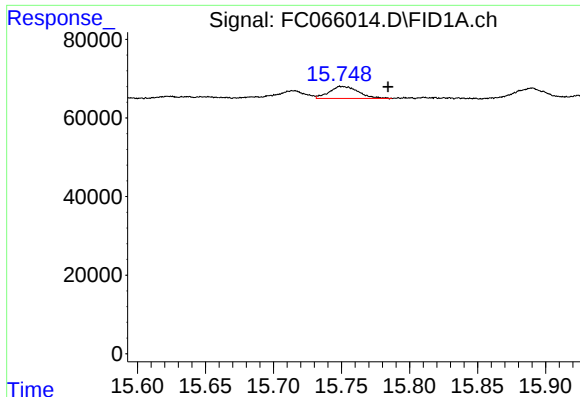
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: -0.028 min
Response: 68755
Conc: 0.40 ug/ml



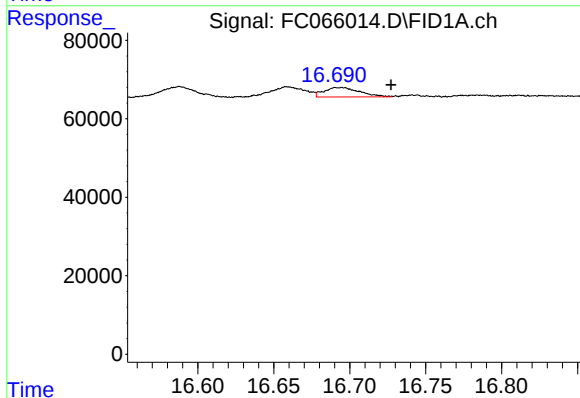
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.032 min
Response: 106839
Conc: 0.63 ug/ml



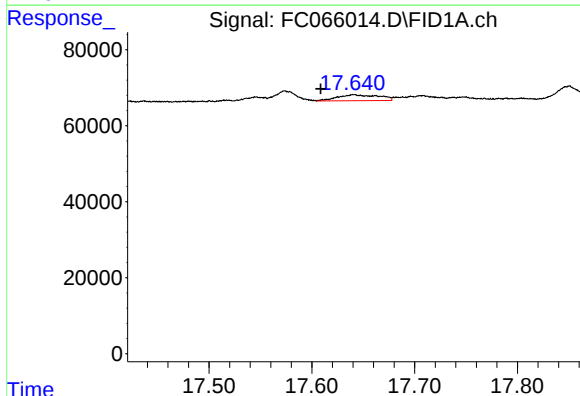
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.033 min
Response: 45498
Conc: 0.27 ug/ml



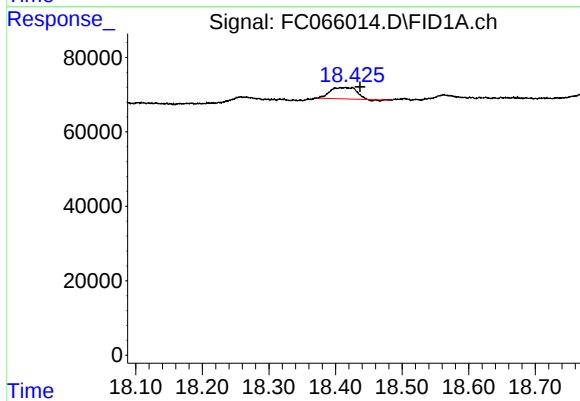
#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: -0.034 min
Response: 39704
Conc: 0.24 ug/ml



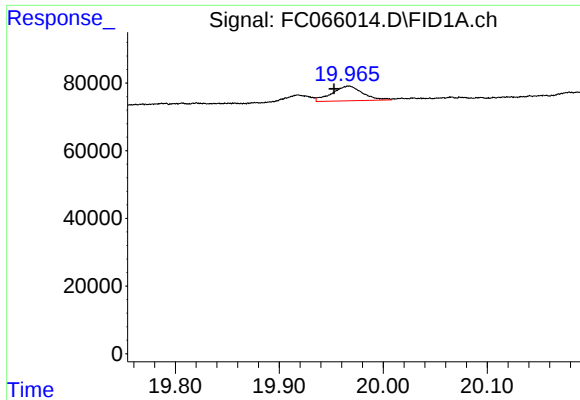
#17 n-Tricontane (C30)

R.T.: 17.641 min
Delta R.T.: 0.032 min
Response: 44166
Conc: 0.26 ug/ml



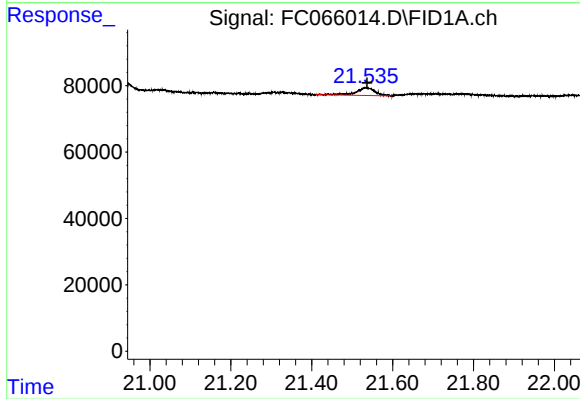
#18 n-Dotriacontane (C32)

R.T.: 18.414 min
Delta R.T.: -0.023 min
Response: 82576
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.967 min
Delta R.T.: 0.014 min
Response: 88527
Conc: 0.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: -0.002 min
Response: 74393
Conc: 0.47 ug/ml