

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031824AL\
 Data File : FC066029.D
 Signal(s) : FID1A.ch
 Acq On : 18 Mar 2024 08:10
 Operator : YP/AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 04:56:20 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)	11.428f	121214	0.620 ug/ml
Spiked Amount 50.000		Recovery =	1.24%
Target Compounds			
6) T n-Tetradecane (C14)	8.134	1288190	7.408 ug/ml
7) T n-Hexadecane (C16)	9.723	61229	0.343 ug/ml
10) T n-Eicosane (C20)	12.437	134994	0.773 ug/ml
11) T n-Heneicosane (C21)	13.057	189238	1.091 ug/ml
13) T n-Docosane (C22)	13.643	150124	0.873 ug/ml
14) T n-Tetracosane (C24)	14.742	228802	1.340 ug/ml
15) T n-Hexacosane (C26)	15.755	87158	0.518 ug/ml
16) T n-Octacosane (C28)	16.698	79930	0.481 ug/ml
17) T n-Tricontane (C30)	17.578	44645	0.261 ug/ml
18) T n-Dotriacontane (C32)	18.427	196536	1.166 ug/ml
20) T n-Hexatriacontane (C36)	19.970	290738	1.829 ug/ml
21) T n-Octatriacontane (C38)	20.706	108411	0.692 ug/ml
22) T n-Tetracontane (C40)	21.541	177095	1.120 ug/ml

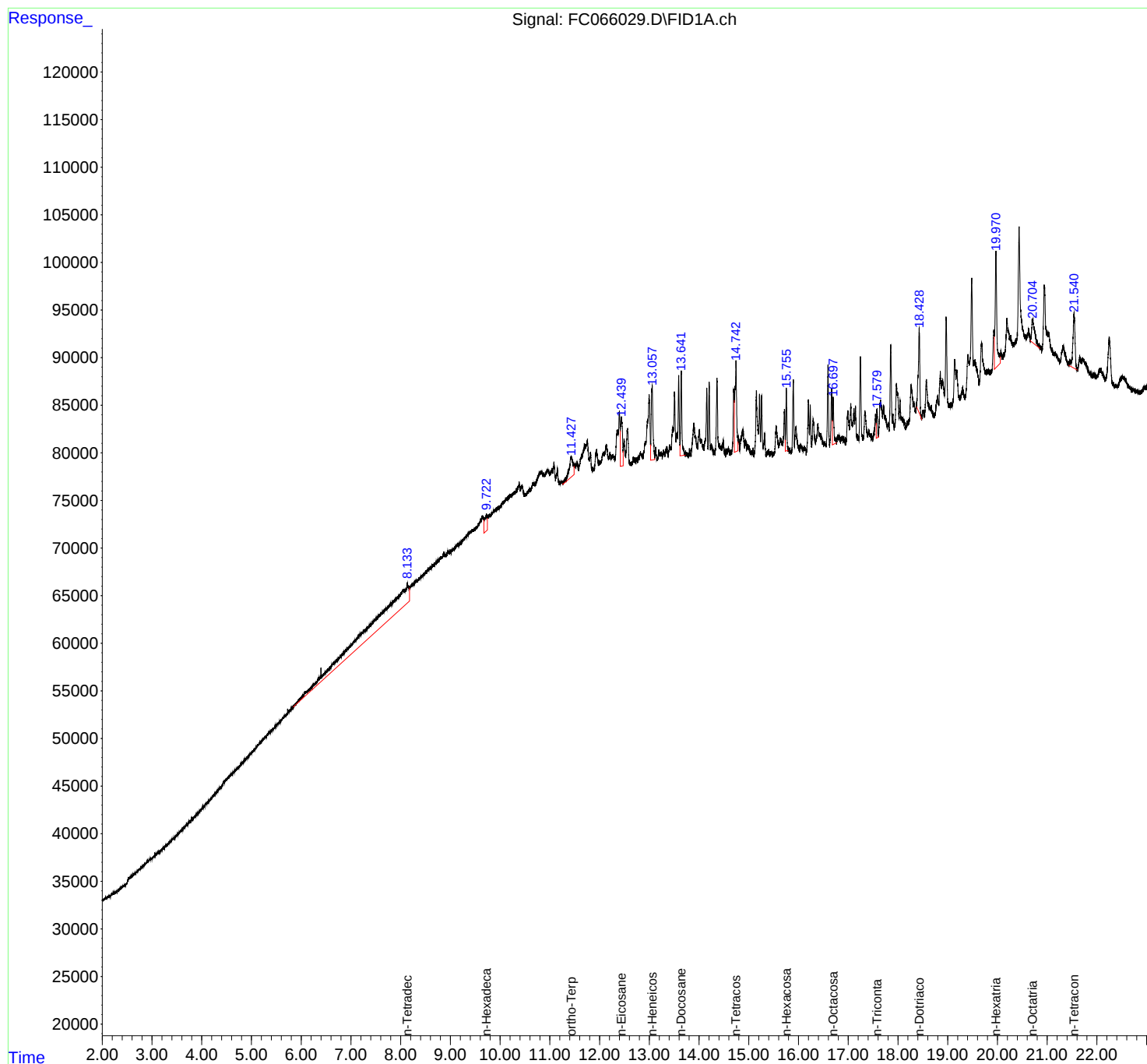
(f)=RT Delta > 1/2 Window

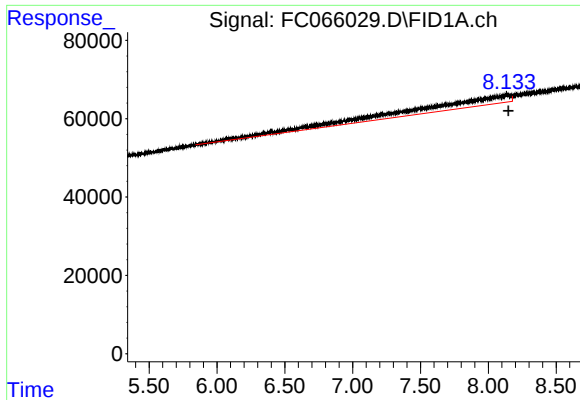
(m)=manual int.

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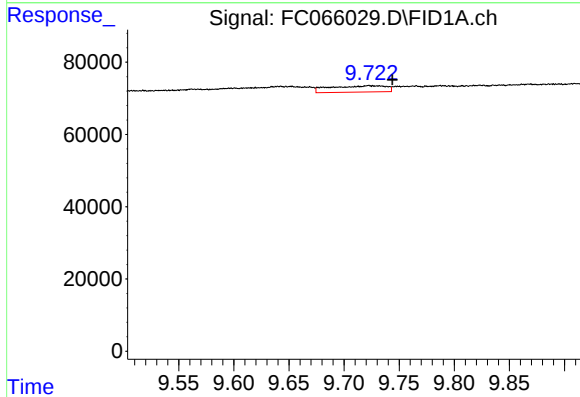
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





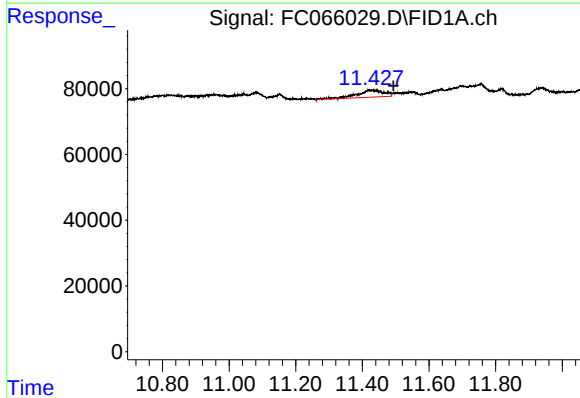
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: -0.015 min
Response: 1288190
Conc: 7.41 ug/ml



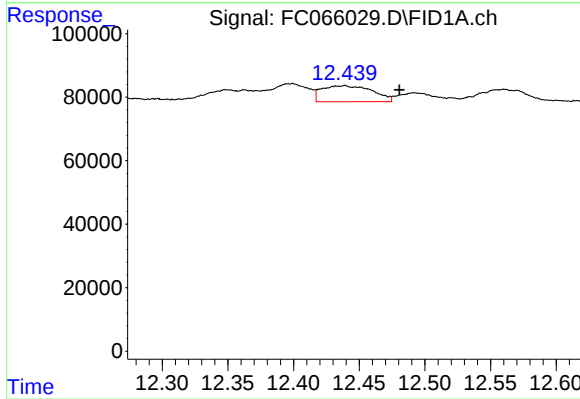
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.021 min
Response: 61229
Conc: 0.34 ug/ml



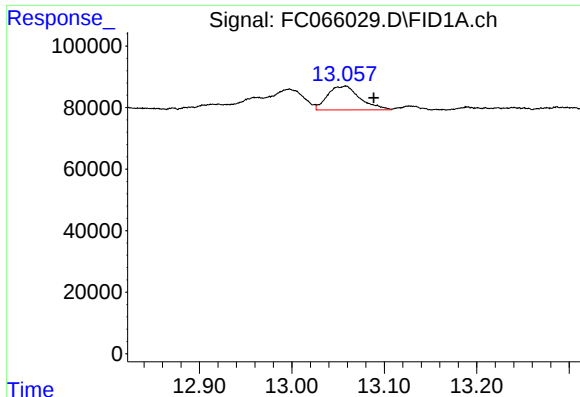
#9 ortho-Terphenyl (SURR)

R.T.: 11.428 min
Delta R.T.: -0.065 min
Response: 121214
Conc: 0.62 ug/ml



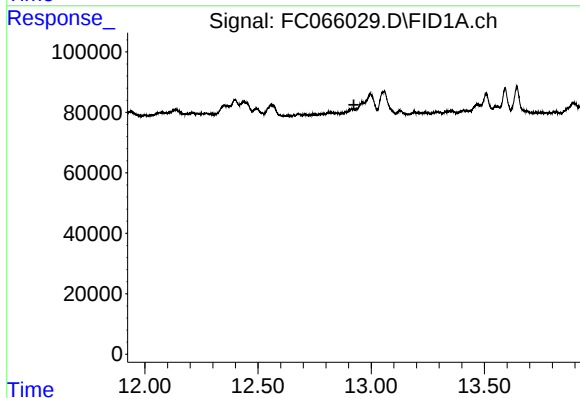
#10 n-Eicosane (C20)

R.T.: 12.437 min
Delta R.T.: -0.044 min
Response: 134994
Conc: 0.77 ug/ml



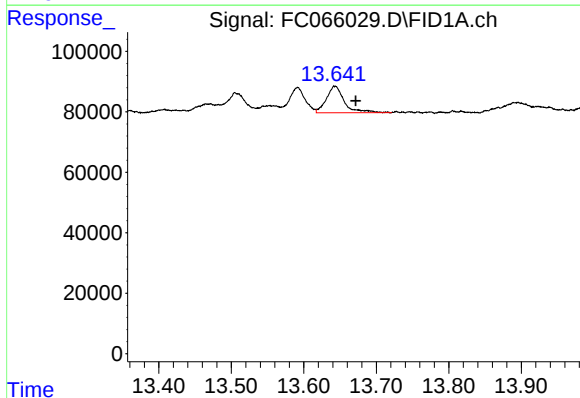
#11 n-Heneicosane (C21)

R.T.: 13.057 min
Delta R.T.: -0.032 min
Response: 189238
Conc: 1.09 ug/ml



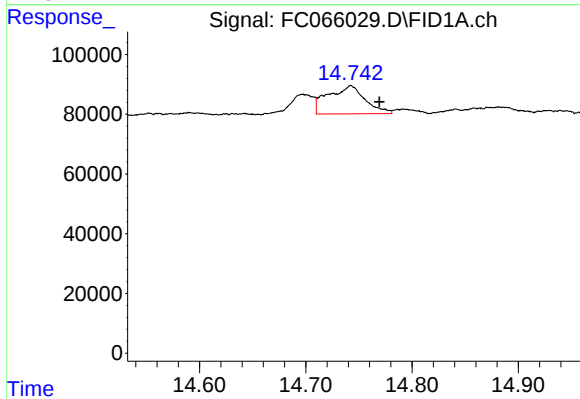
#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 12.924 min
Response: 0
Conc: N.D.



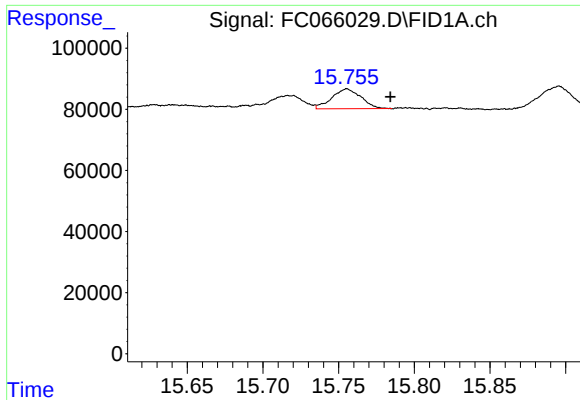
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: -0.028 min
Response: 150124
Conc: 0.87 ug/ml



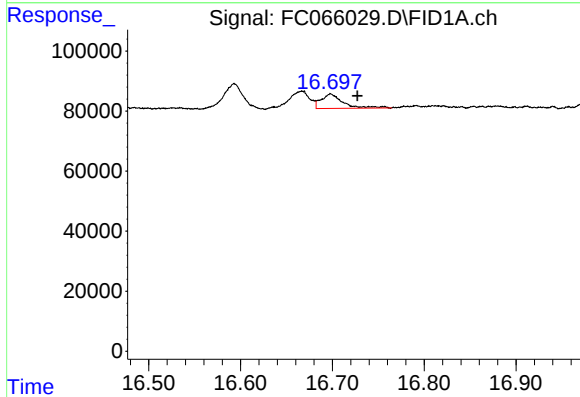
#14 n-Tetracosane (C24)

R.T.: 14.742 min
Delta R.T.: -0.027 min
Response: 228802
Conc: 1.34 ug/ml



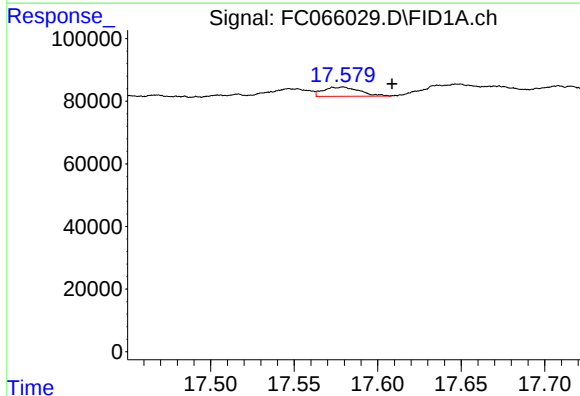
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: -0.029 min
Response: 87158
Conc: 0.52 ug/ml



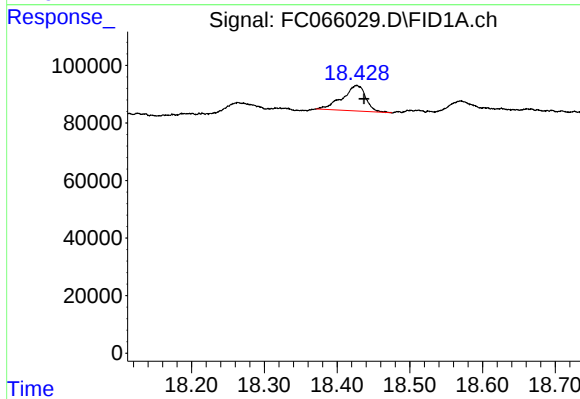
#16 n-Octacosane (C28)

R.T.: 16.698 min
Delta R.T.: -0.029 min
Response: 79930
Conc: 0.48 ug/ml



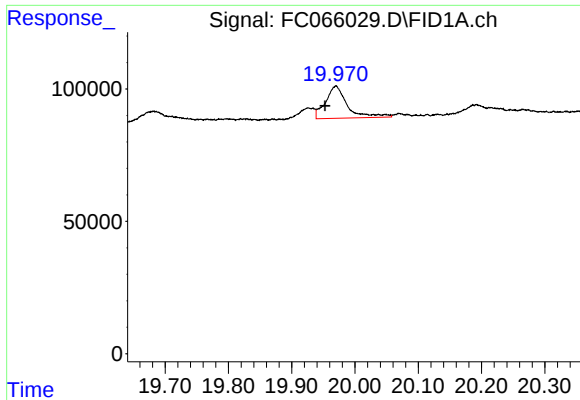
#17 n-Tricontane (C30)

R.T.: 17.578 min
Delta R.T.: -0.031 min
Response: 44645
Conc: 0.26 ug/ml



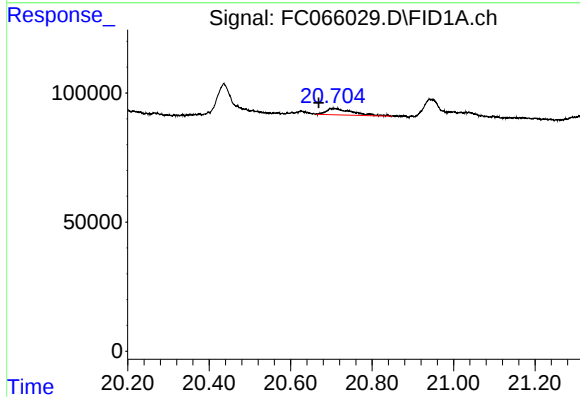
#18 n-Dotriacontane (C32)

R.T.: 18.427 min
Delta R.T.: -0.010 min
Response: 196536
Conc: 1.17 ug/ml



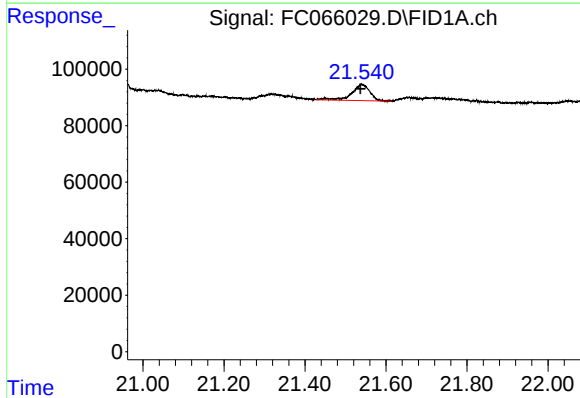
#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: 0.017 min
Response: 290738
Conc: 1.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: 0.037 min
Response: 108411
Conc: 0.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.541 min
Delta R.T.: 0.003 min
Response: 177095
Conc: 1.12 ug/ml