

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022624AL\
 Data File : FE046921.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2024 08:29
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 26 22:52:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.765	3181	0.019 ug/ml
Spiked Amount 50.000		Recovery =	0.04%
12) S 1-chlorooctadecane (S...	13.218	232129	1.886 ug/ml
Spiked Amount 50.000		Recovery =	3.77%
Target Compounds			
7) T n-Hexadecane (C16)	9.977f	66685	0.420 ug/ml
8) T n-Octadecane (C18)	11.469	98220	0.616 ug/ml
10) T n-Eicosane (C20)	12.781	106002	0.700 ug/ml
11) T n-Heneicosane (C21)	13.393	198200	1.338 ug/ml
13) T n-Docosane (C22)	13.975	300199	2.063 ug/ml
14) T n-Tetracosane (C24)	15.083	695323	4.869 ug/ml
15) T n-Hexacosane (C26)	16.111	555538	3.975 ug/ml
16) T n-Octacosane (C28)	17.061	234049	1.718 ug/ml
17) T n-Tricontane (C30)	17.952	297804	2.135 ug/ml
18) T n-Dotriacontane (C32)	18.783	669170	4.863 ug/ml
19) T n-Tetratriacontane (C34)	19.570	501829	3.736 ug/ml
20) T n-Hexatriacontane (C36)	20.312	220380	1.655 ug/ml
21) T n-Octatriacontane (C38)	21.034	110507	0.802 ug/ml
22) T n-Tetracontane (C40)	21.909	71838	0.509 ug/ml

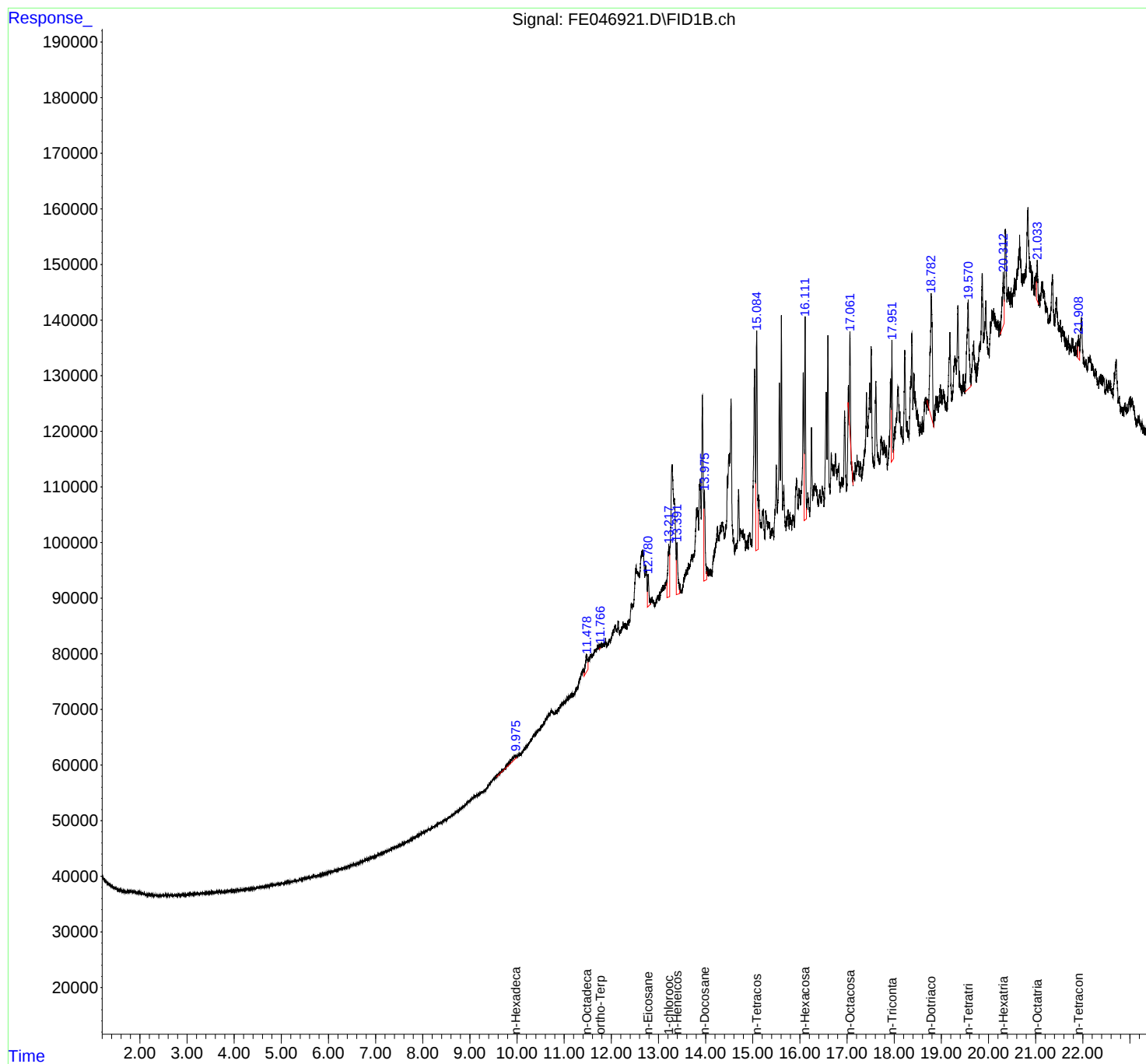
(f)=RT Delta > 1/2 Window

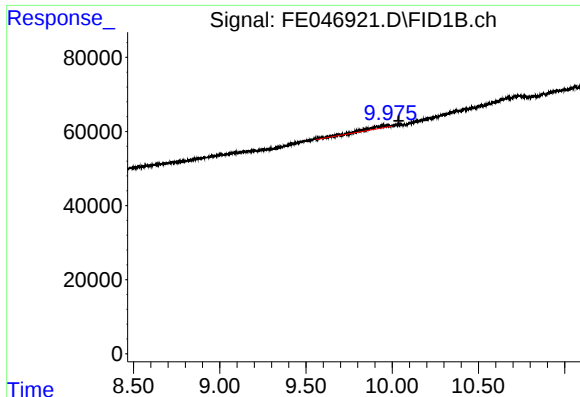
(m)=manual int.

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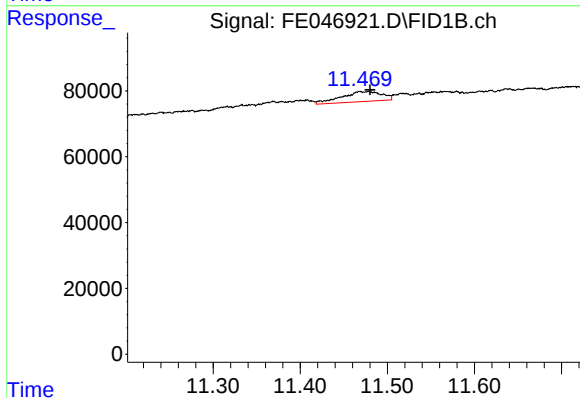
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





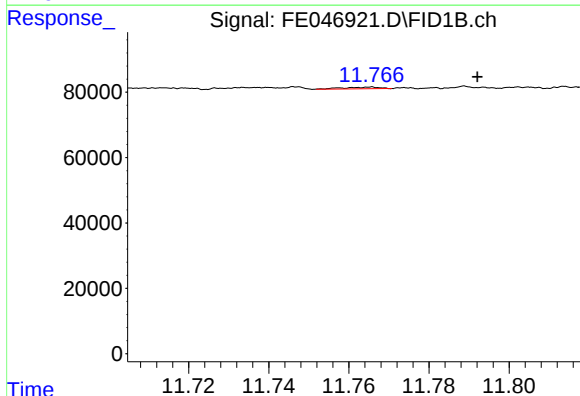
#7 n-Hexadecane (C16)

R.T.: 9.977 min
Delta R.T.: -0.061 min
Response: 66685
Conc: 0.42 ug/ml



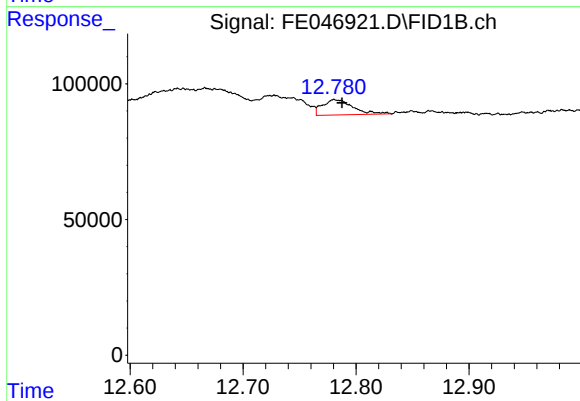
#8 n-Octadecane (C18)

R.T.: 11.469 min
Delta R.T.: -0.012 min
Response: 98220
Conc: 0.62 ug/ml



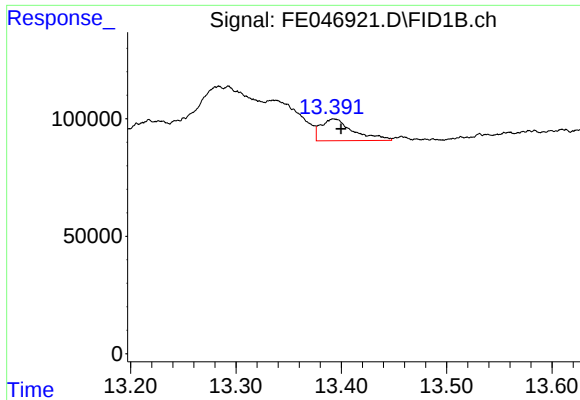
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: -0.027 min
Response: 3181
Conc: 0.02 ug/ml



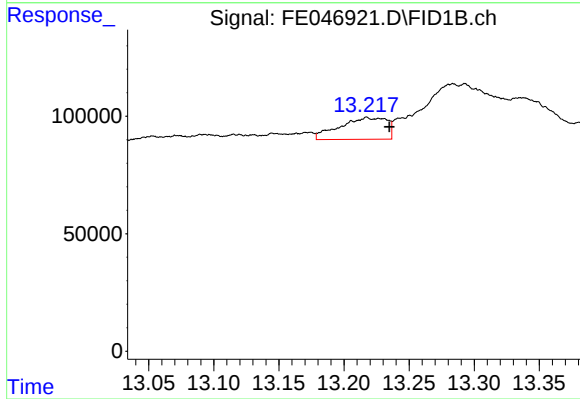
#10 n-Eicosane (C20)

R.T.: 12.781 min
Delta R.T.: -0.007 min
Response: 106002
Conc: 0.70 ug/ml



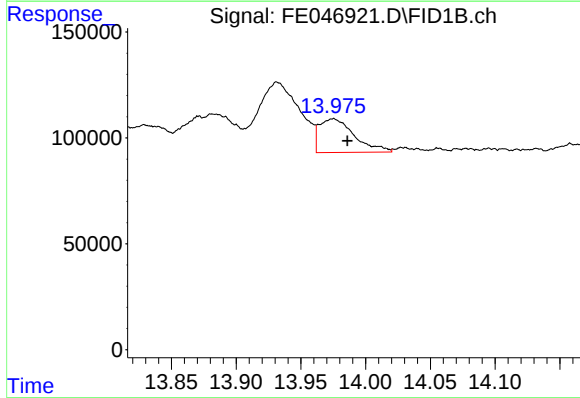
#11 n-Heneicosane (C21)

R.T.: 13.393 min
Delta R.T.: -0.007 min
Response: 198200
Conc: 1.34 ug/ml



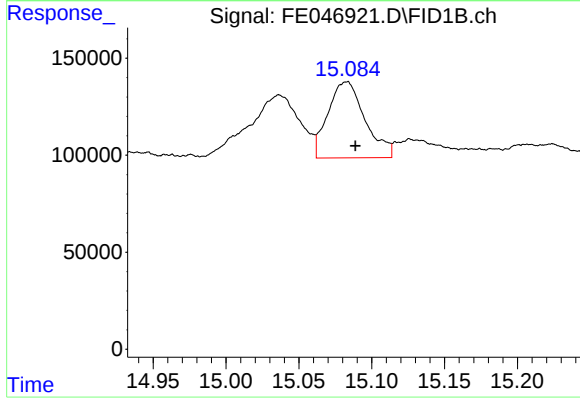
#12 1-chlorooctadecane (SURR)

R.T.: 13.218 min
Delta R.T.: -0.017 min
Response: 232129
Conc: 1.89 ug/ml



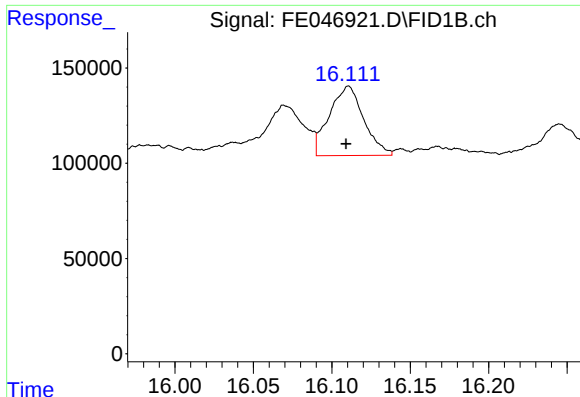
#13 n-Docosane (C22)

R.T.: 13.975 min
Delta R.T.: -0.011 min
Response: 300199
Conc: 2.06 ug/ml



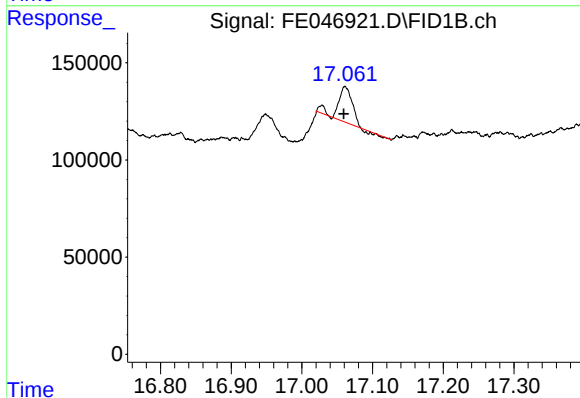
#14 n-Tetracosane (C24)

R.T.: 15.083 min
Delta R.T.: -0.006 min
Response: 695323
Conc: 4.87 ug/ml



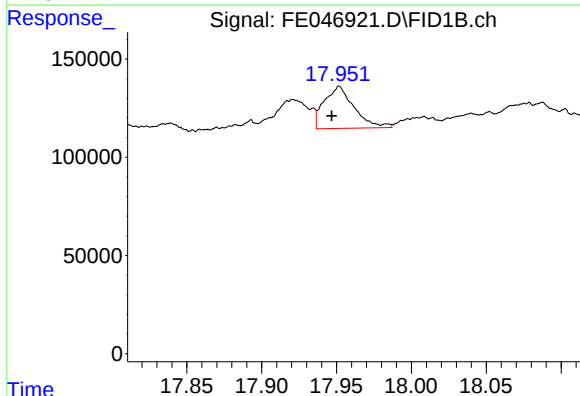
#15 n-Hexacosane (C26)

R.T.: 16.111 min
Delta R.T.: 0.002 min
Response: 555538
Conc: 3.98 ug/ml



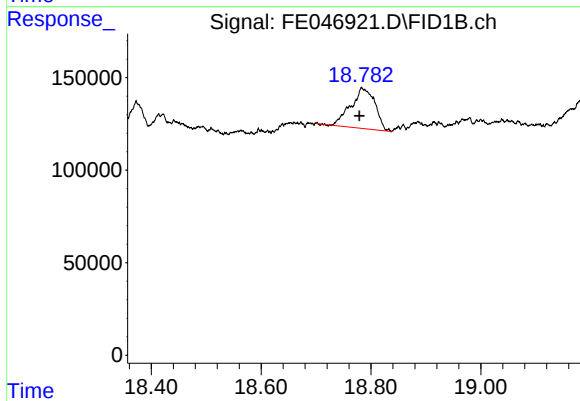
#16 n-Octacosane (C28)

R.T.: 17.061 min
Delta R.T.: 0.002 min
Response: 234049
Conc: 1.72 ug/ml



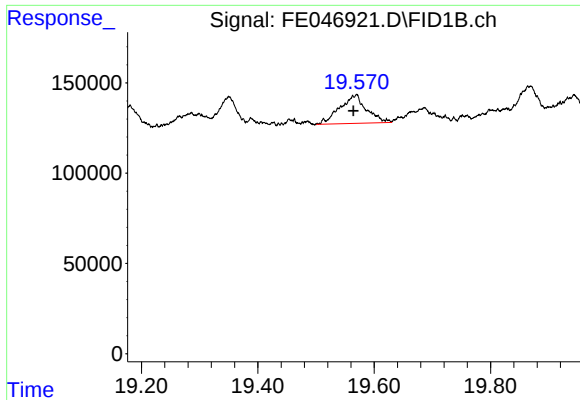
#17 n-Tricontane (C30)

R.T.: 17.952 min
Delta R.T.: 0.005 min
Response: 297804
Conc: 2.13 ug/ml



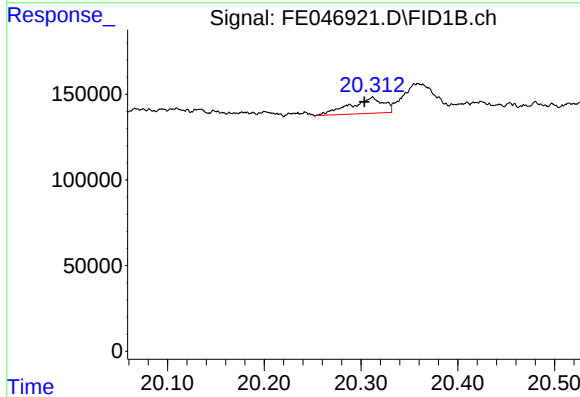
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.004 min
Response: 669170
Conc: 4.86 ug/ml



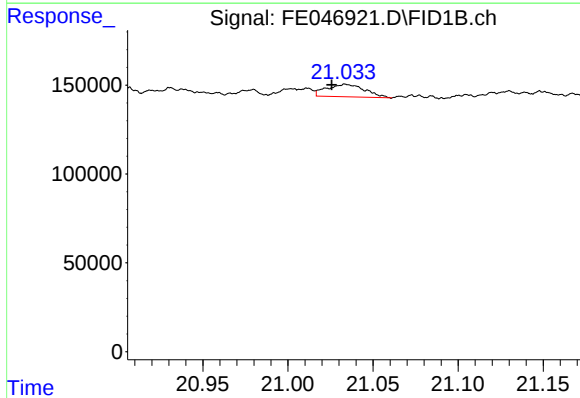
#19 n-Tetratriacontane (C34)

R.T.: 19.570 min
Delta R.T.: 0.005 min
Response: 501829
Conc: 3.74 ug/ml



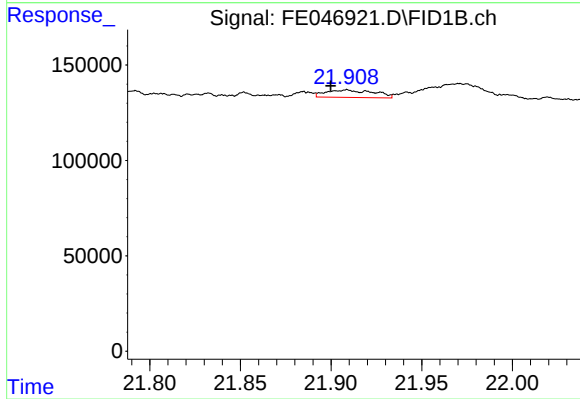
#20 n-Hexatriacontane (C36)

R.T.: 20.312 min
Delta R.T.: 0.009 min
Response: 220380
Conc: 1.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.034 min
Delta R.T.: 0.008 min
Response: 110507
Conc: 0.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.909 min
Delta R.T.: 0.009 min
Response: 71838
Conc: 0.51 ug/ml