

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101323AL\
 Data File : FE044850.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2023 19:01
 Operator : YP\AJ
 Sample : 04878-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 00:28:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.912	10250610	51.134 ug/ml
Spiked Amount 50.000		Recovery =	102.27%
12) S 1-chlorooctadecane (S...	13.354	6680351	45.142 ug/ml
Spiked Amount 50.000		Recovery =	90.28%
Target Compounds			
6) T n-Tetradecane (C14)	8.535	26620	0.155 ug/ml
7) T n-Hexadecane (C16)	10.148	705374	4.034 ug/ml
8) T n-Octadecane (C18)	11.595	1163905	6.673 ug/ml
10) T n-Eicosane (C20)	12.906	2338209	13.999 ug/ml
11) T n-Heneicosane (C21)	13.522	1127364	6.916 ug/ml
13) T n-Docosane (C22)	14.119	238902	1.494 ug/ml
14) T n-Tetracosane (C24)	15.180	168234	1.084 ug/ml
15) T n-Hexacosane (C26)	16.233	84129	0.560 ug/ml
16) T n-Octacosane (C28)	17.204	174954	1.191 ug/ml
17) T n-Tricontane (C30)	18.071	146994	0.988 ug/ml
18) T n-Dotriacontane (C32)	18.917	776208	5.171 ug/ml
19) T n-Tetratriacontane (C34)	19.718	485004	3.258 ug/ml
20) T n-Hexatriacontane (C36)	20.434	80861	0.526 ug/ml
22) T n-Tetracontane (C40)	22.096	38535	0.231 ug/ml

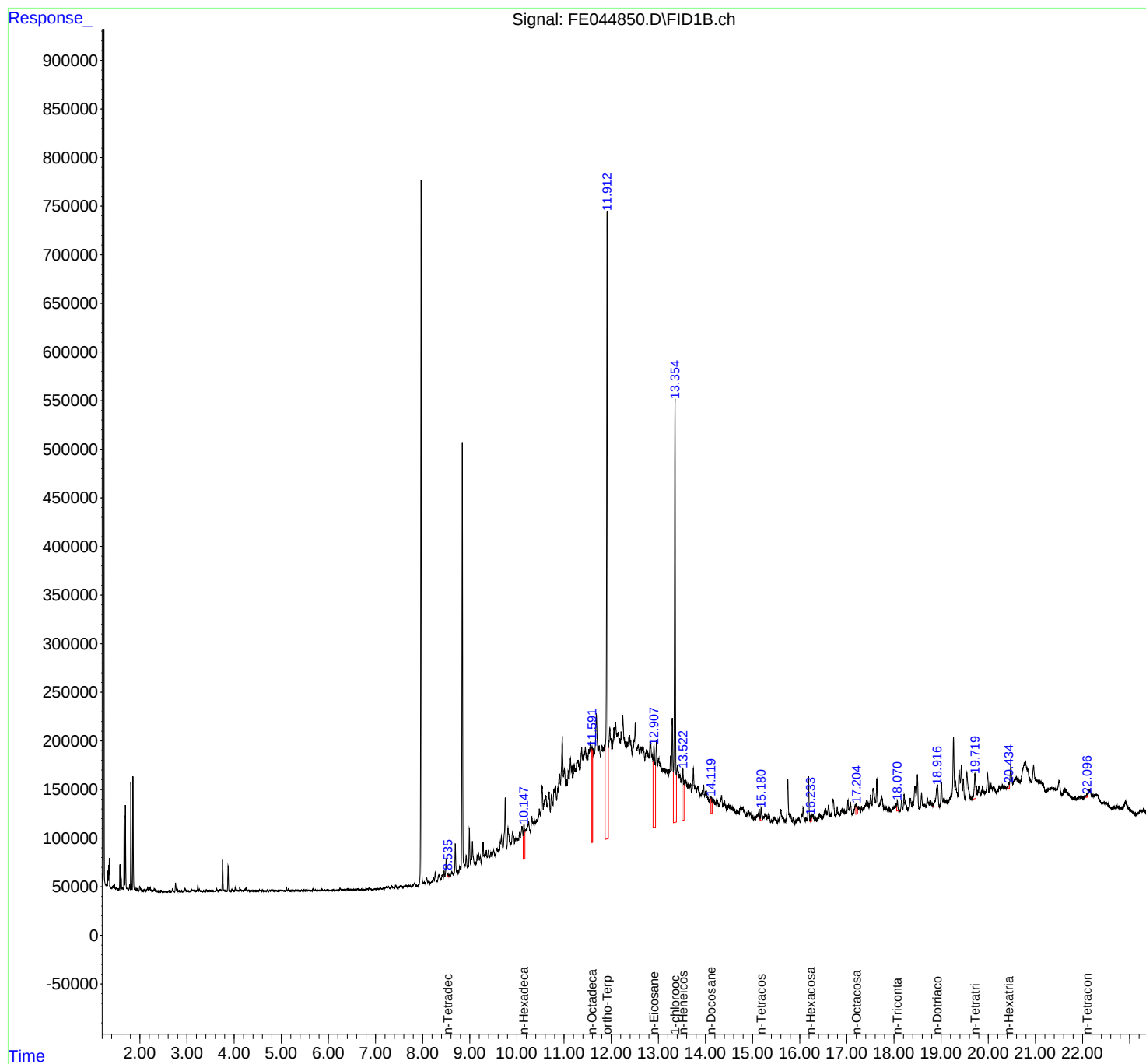
(f)=RT Delta > 1/2 Window

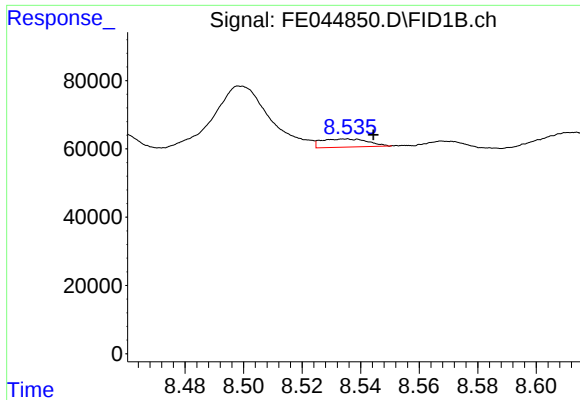
(m)=manual int.

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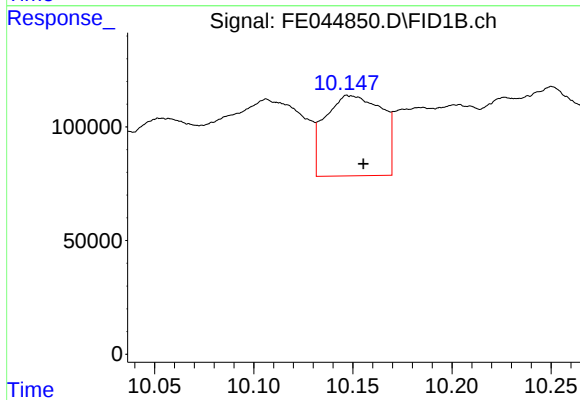
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





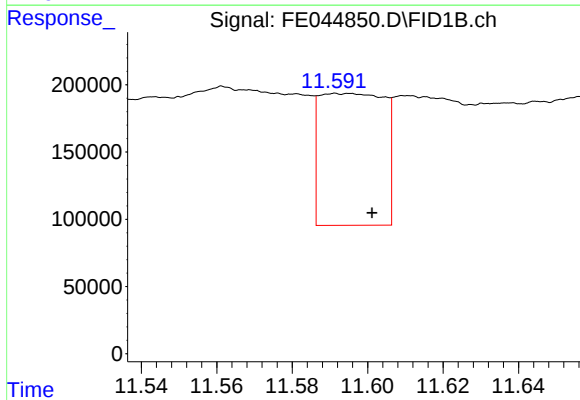
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.009 min
Response: 26620
Conc: 0.16 ug/ml



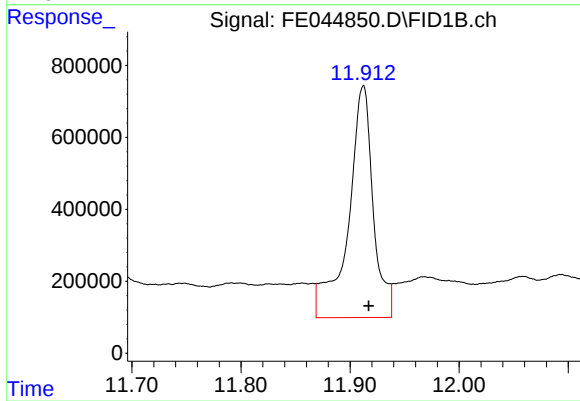
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 705374
Conc: 4.03 ug/ml



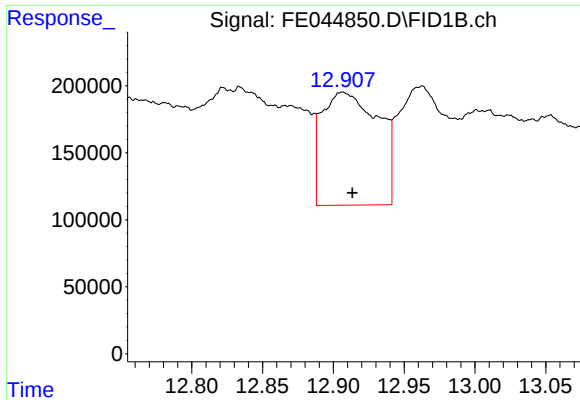
#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: -0.006 min
Response: 1163905
Conc: 6.67 ug/ml



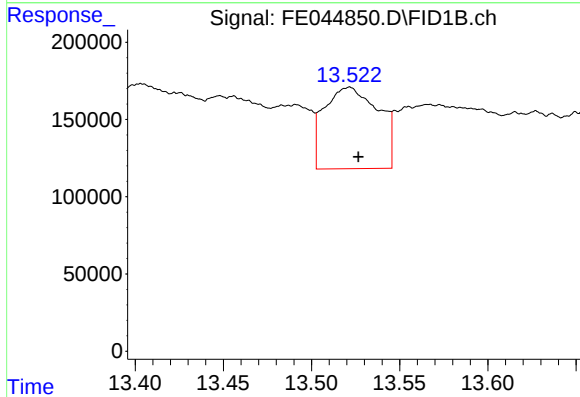
#9 ortho-Terphenyl (SURR)

R.T.: 11.912 min
Delta R.T.: -0.005 min
Response: 10250610
Conc: 51.13 ug/ml



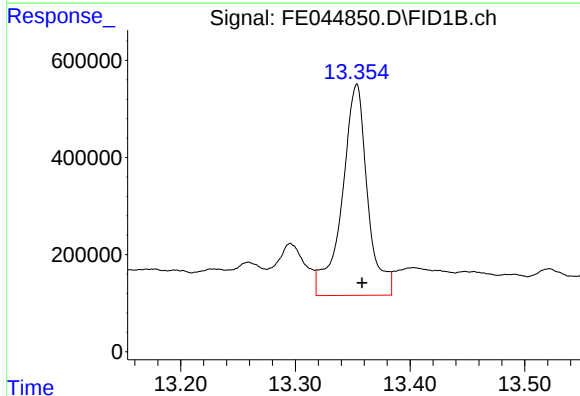
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.007 min
Response: 2338209
Conc: 14.00 ug/ml



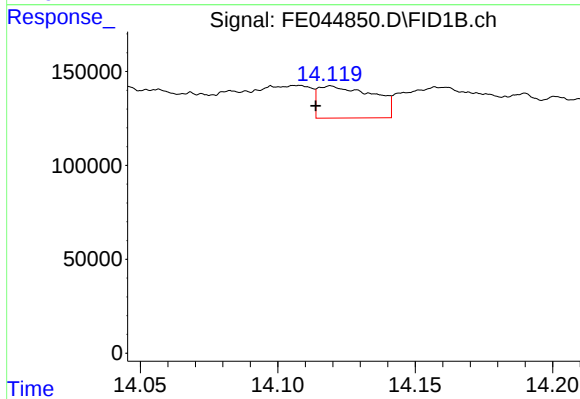
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: -0.005 min
Response: 1127364
Conc: 6.92 ug/ml



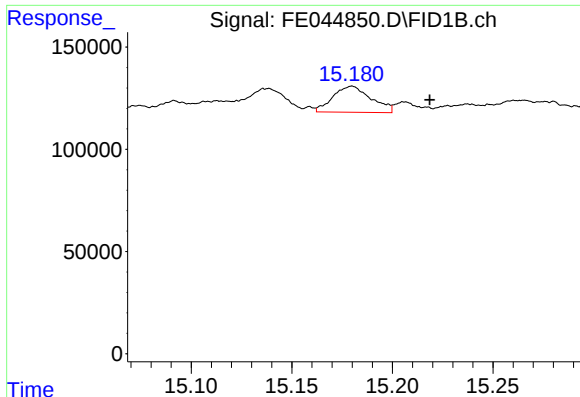
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: -0.005 min
Response: 6680351
Conc: 45.14 ug/ml



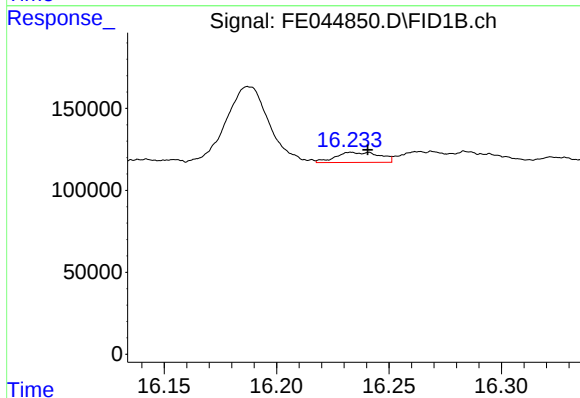
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: 0.005 min
Response: 238902
Conc: 1.49 ug/ml



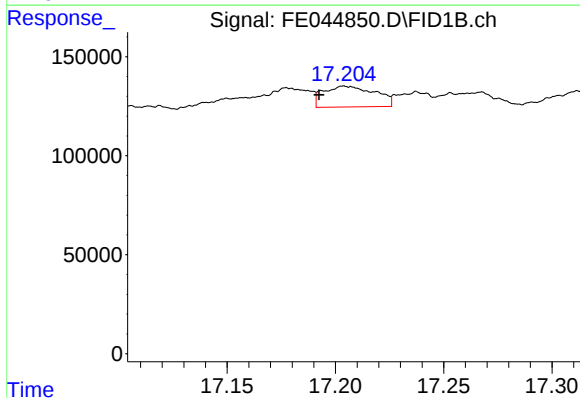
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.039 min
Response: 168234
Conc: 1.08 ug/ml



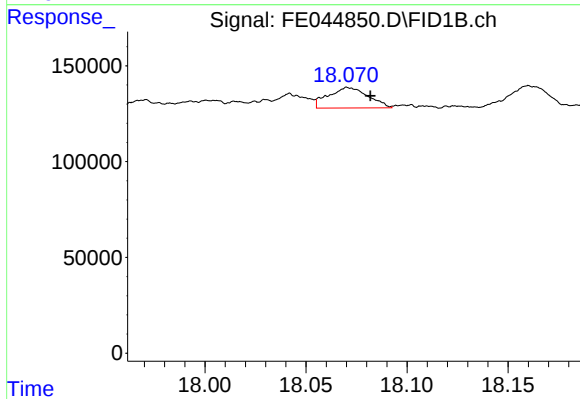
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.007 min
Response: 84129
Conc: 0.56 ug/ml



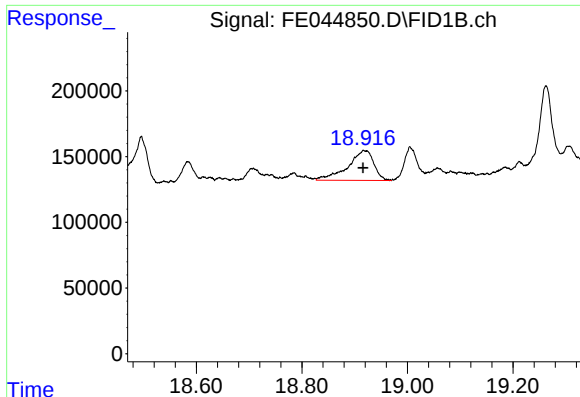
#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: 0.012 min
Response: 174954
Conc: 1.19 ug/ml



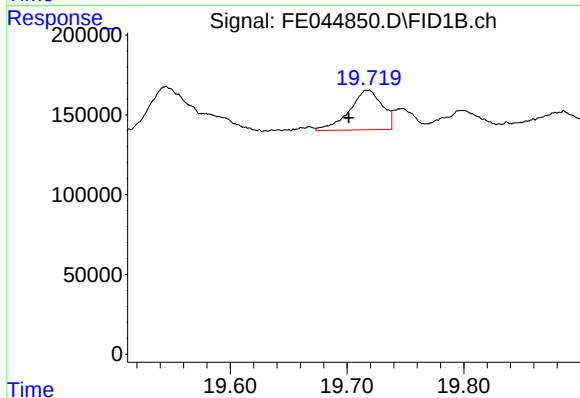
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.011 min
Response: 146994
Conc: 0.99 ug/ml



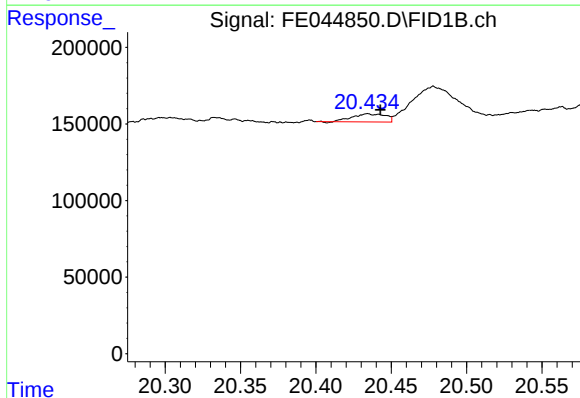
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 776208
Conc: 5.17 ug/ml



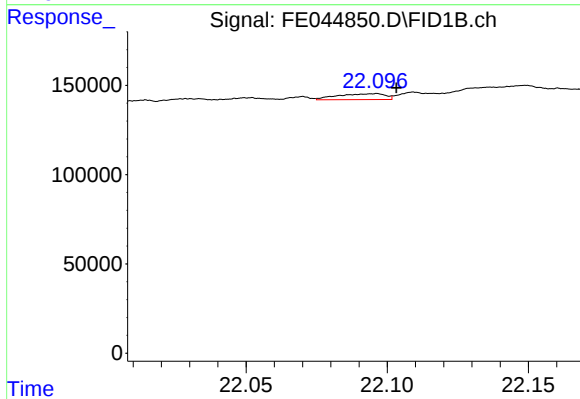
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.017 min
Response: 485004
Conc: 3.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.009 min
Response: 80861
Conc: 0.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.008 min
Response: 38535
Conc: 0.23 ug/ml