

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022824AL\
 Data File : FE046967.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2024 12:42
 Operator : YP\AJ
 Sample : P1602-11DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 29 00:23:54 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)	11.791	1147092	6.982 ug/ml
Spiked Amount 50.000		Recovery =	13.96%
12) S 1-chlorooctadecane (S...	13.232	1671381	13.577 ug/ml
Spiked Amount 50.000		Recovery =	27.15%
Target Compounds			
6) T n-Tetradecane (C14)	8.385	87608	0.568 ug/ml
7) T n-Hexadecane (C16)	10.035	22062	0.139 ug/ml
8) T n-Octadecane (C18)	11.474	62721	0.393 ug/ml
10) T n-Eicosane (C20)	12.778	493620	3.261 ug/ml
11) T n-Heneicosane (C21)	13.398	65281	0.441 ug/ml
13) T n-Docosane (C22)	14.028	857404	5.893 ug/ml
14) T n-Tetracosane (C24)	15.092	2191543	15.345 ug/ml
15) T n-Hexacosane (C26)	16.065	143607	1.028 ug/ml
16) T n-Octacosane (C28)	17.118f	6224	0.046 ug/ml
17) T n-Tricontane (C30)	17.950	28202	0.202 ug/ml
19) T n-Tetratriacontane (C34)	19.570	41458	0.309 ug/ml
20) T n-Hexatriacontane (C36)	20.304	100808	0.757 ug/ml
21) T n-Octatriacontane (C38)	21.035	87026	0.632 ug/ml

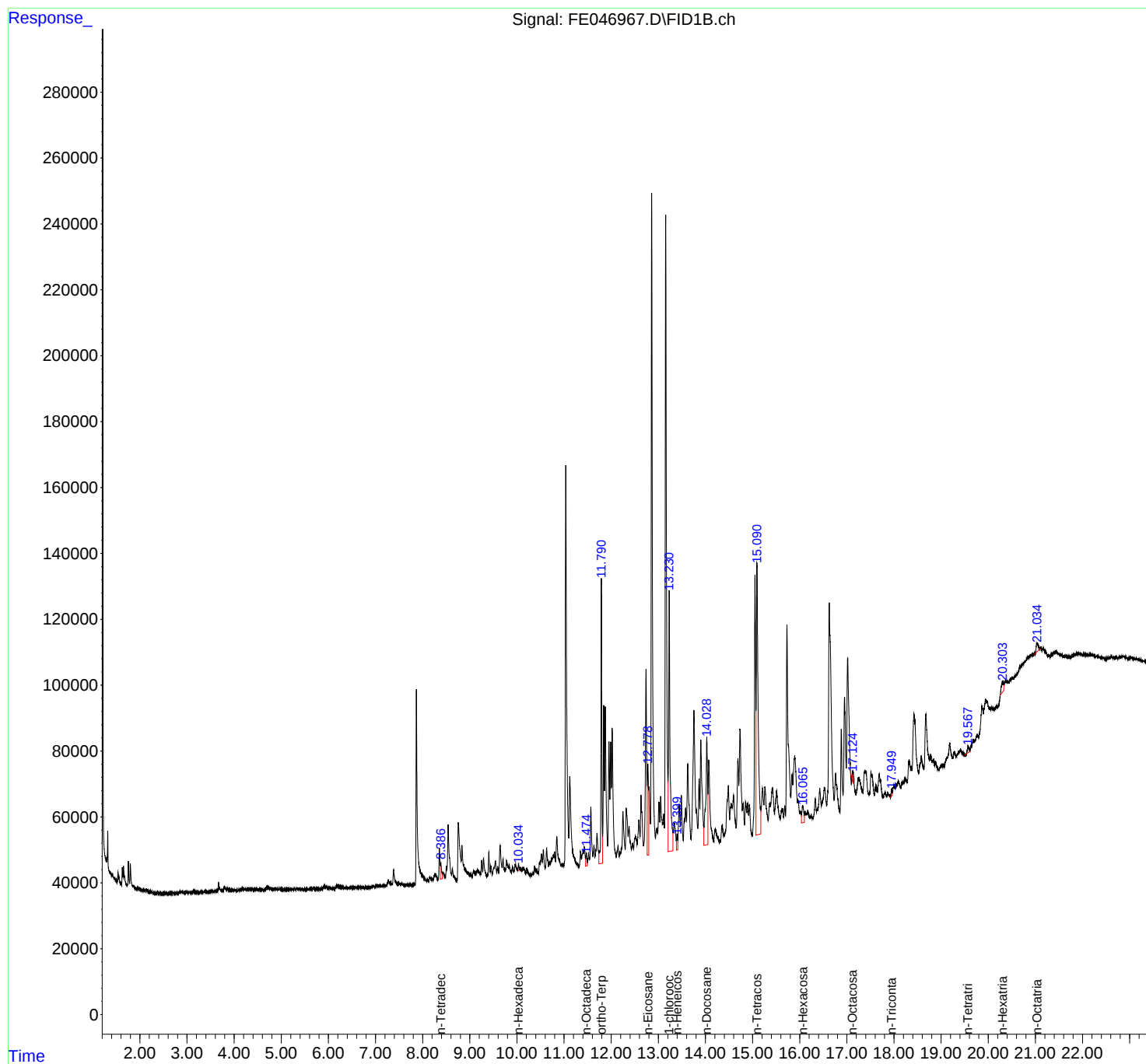
(f)=RT Delta > 1/2 Window

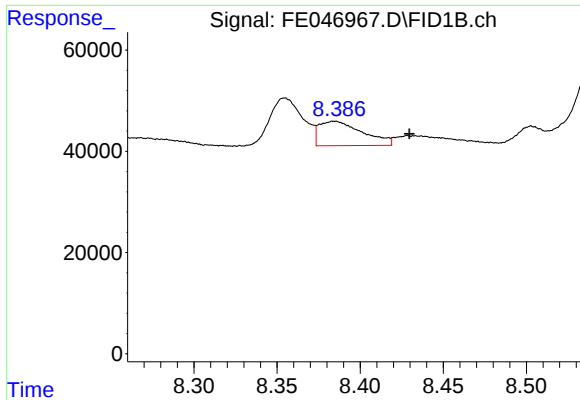
(m)=manual int.

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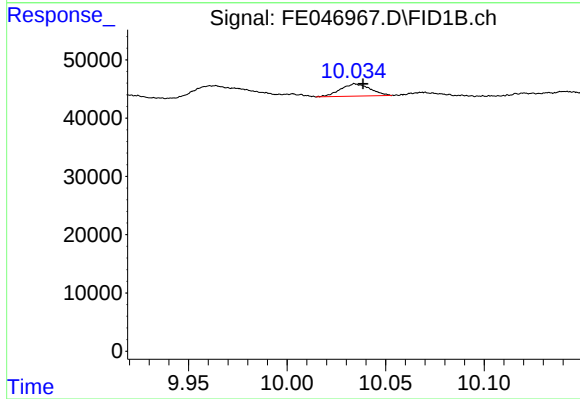
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





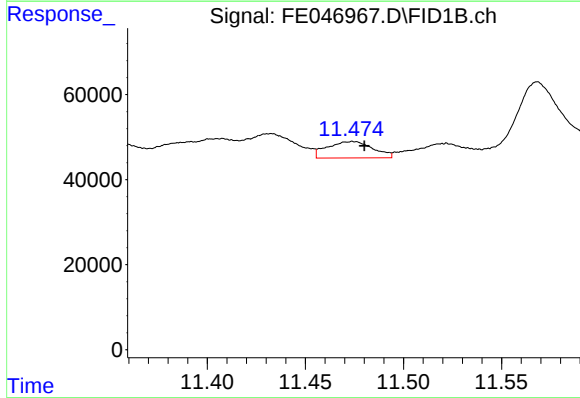
#6 n-Tetradecane (C14)

R.T.: 8.385 min
Delta R.T.: -0.045 min
Response: 87608
Conc: 0.57 ug/ml



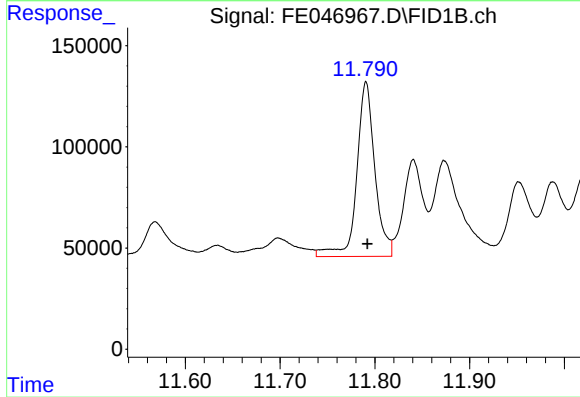
#7 n-Hexadecane (C16)

R.T.: 10.035 min
Delta R.T.: -0.004 min
Response: 22062
Conc: 0.14 ug/ml



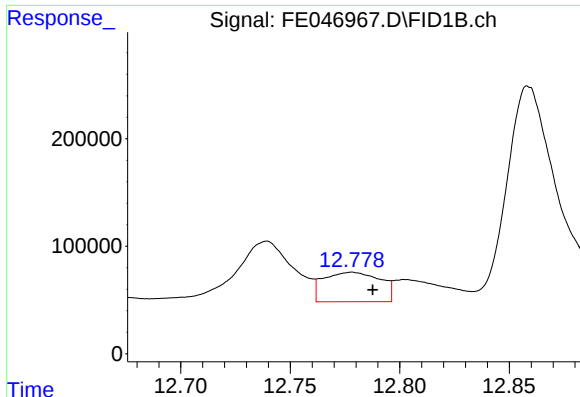
#8 n-Octadecane (C18)

R.T.: 11.474 min
Delta R.T.: -0.006 min
Response: 62721
Conc: 0.39 ug/ml



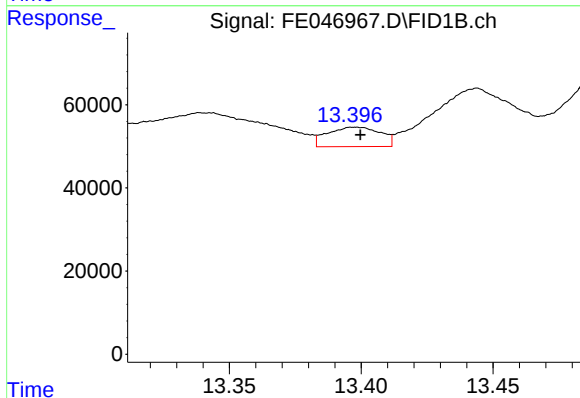
#9 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: -0.001 min
Response: 1147092
Conc: 6.98 ug/ml



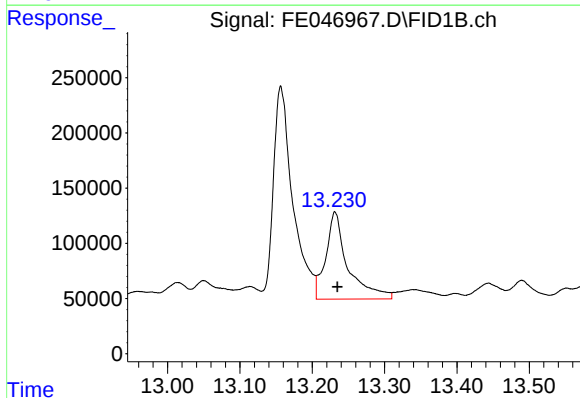
#10 n-Eicosane (C20)

R.T.: 12.778 min
Delta R.T.: -0.010 min
Response: 493620
Conc: 3.26 ug/ml



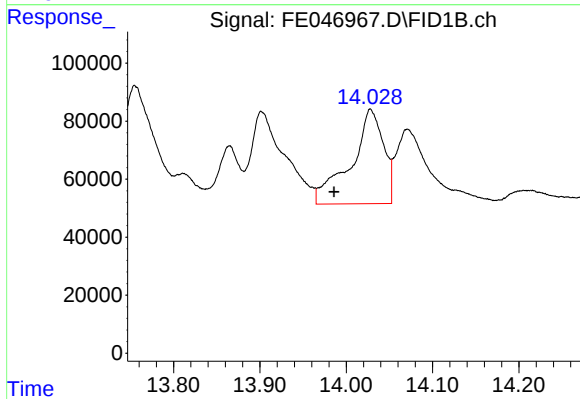
#11 n-Heneicosane (C21)

R.T.: 13.398 min
Delta R.T.: -0.002 min
Response: 65281
Conc: 0.44 ug/ml



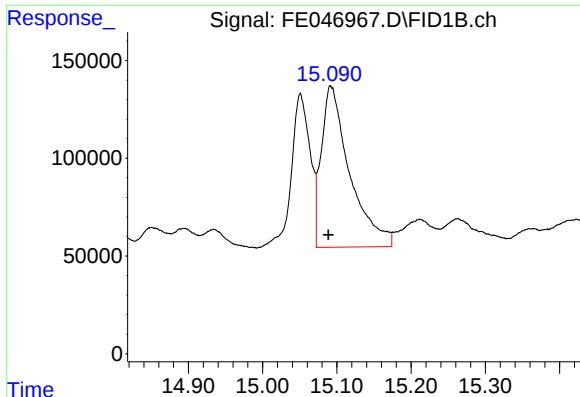
#12 1-chlorooctadecane (SURR)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 1671381
Conc: 13.58 ug/ml



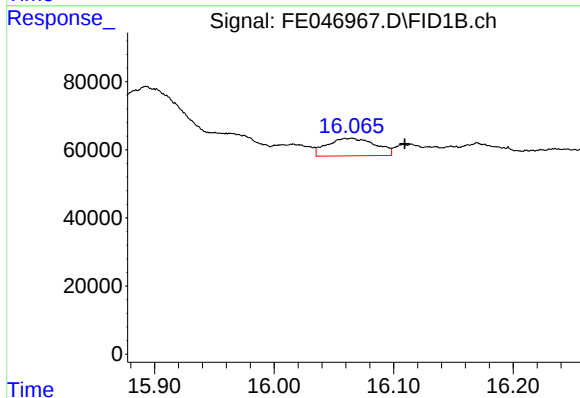
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: 0.042 min
Response: 857404
Conc: 5.89 ug/ml



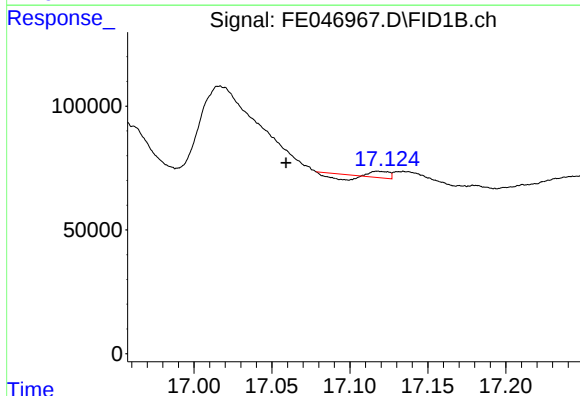
#14 n-Tetracosane (C24)

R.T.: 15.092 min
Delta R.T.: 0.003 min
Response: 2191543
Conc: 15.35 ug/ml



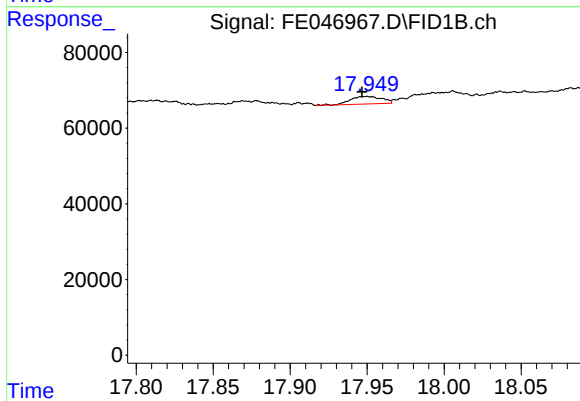
#15 n-Hexacosane (C26)

R.T.: 16.065 min
Delta R.T.: -0.044 min
Response: 143607
Conc: 1.03 ug/ml



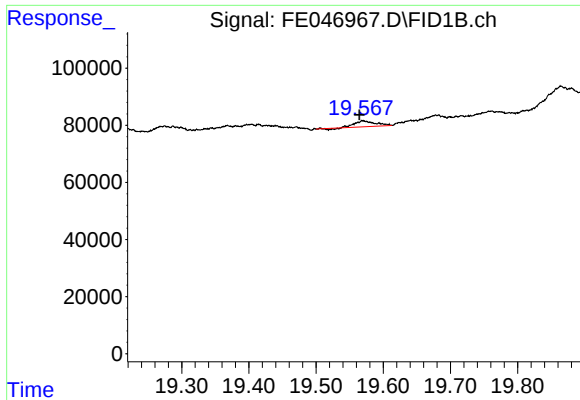
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.059 min
Response: 6224
Conc: 0.05 ug/ml



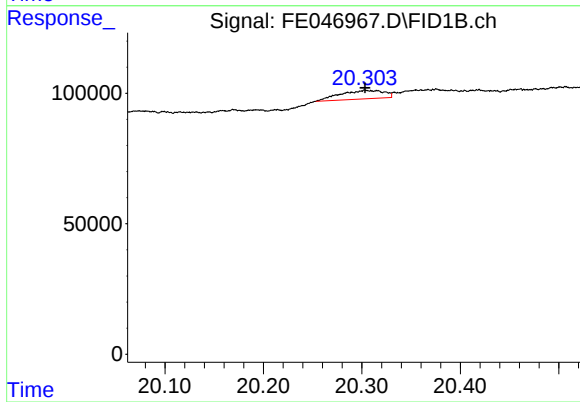
#17 n-Tricontane (C30)

R.T.: 17.950 min
Delta R.T.: 0.003 min
Response: 28202
Conc: 0.20 ug/ml



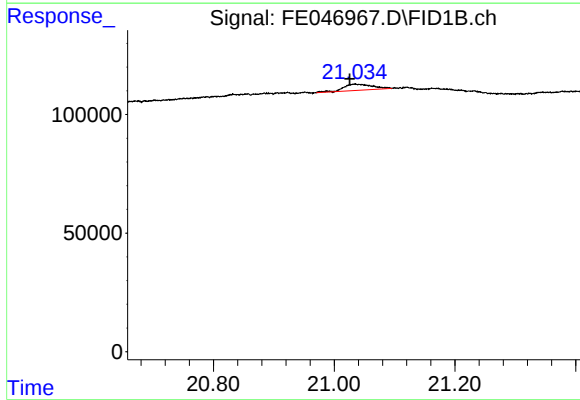
#19 n-Tetratriacontane (C34)

R.T.: 19.570 min
Delta R.T.: 0.006 min
Response: 41458
Conc: 0.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.304 min
Delta R.T.: 0.000 min
Response: 100808
Conc: 0.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.035 min
Delta R.T.: 0.009 min
Response: 87026
Conc: 0.63 ug/ml