

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062224AL\
 Data File : FE048834.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2024 17:31
 Operator : YP\AJ
 Sample : P2998-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 00:42:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.938	7497046	44.836 ug/ml
Spiked Amount 50.000		Recovery =	89.67%
12) S 1-chlorooctadecane (S...	13.373	6242074	48.543 ug/ml
Spiked Amount 50.000		Recovery =	97.09%
Target Compounds			
6) T n-Tetradecane (C14)	8.565	58644	0.383 ug/ml
7) T n-Hexadecane (C16)	10.172	108437	0.694 ug/ml
8) T n-Octadecane (C18)	11.614	144203	0.904 ug/ml
10) T n-Eicosane (C20)	12.923	139289	0.898 ug/ml
11) T n-Heneicosane (C21)	13.535	95820	0.629 ug/ml
13) T n-Docosane (C22)	14.120	69217	0.458 ug/ml
14) T n-Tetracosane (C24)	15.223	72779	0.484 ug/ml
15) T n-Hexacosane (C26)	16.243	49574	0.336 ug/ml
16) T n-Octacosane (C28)	17.193	66178	0.459 ug/ml
18) T n-Dotriacontane (C32)	18.910	162096	1.134 ug/ml
19) T n-Tetratriacontane (C34)	19.695	130608	0.944 ug/ml
20) T n-Hexatriacontane (C36)	20.427	66101	0.509 ug/ml
21) T n-Octatriacontane (C38)	21.097f	76329	0.595 ug/ml
22) T n-Tetracontane (C40)	22.084	895142	7.310 ug/ml

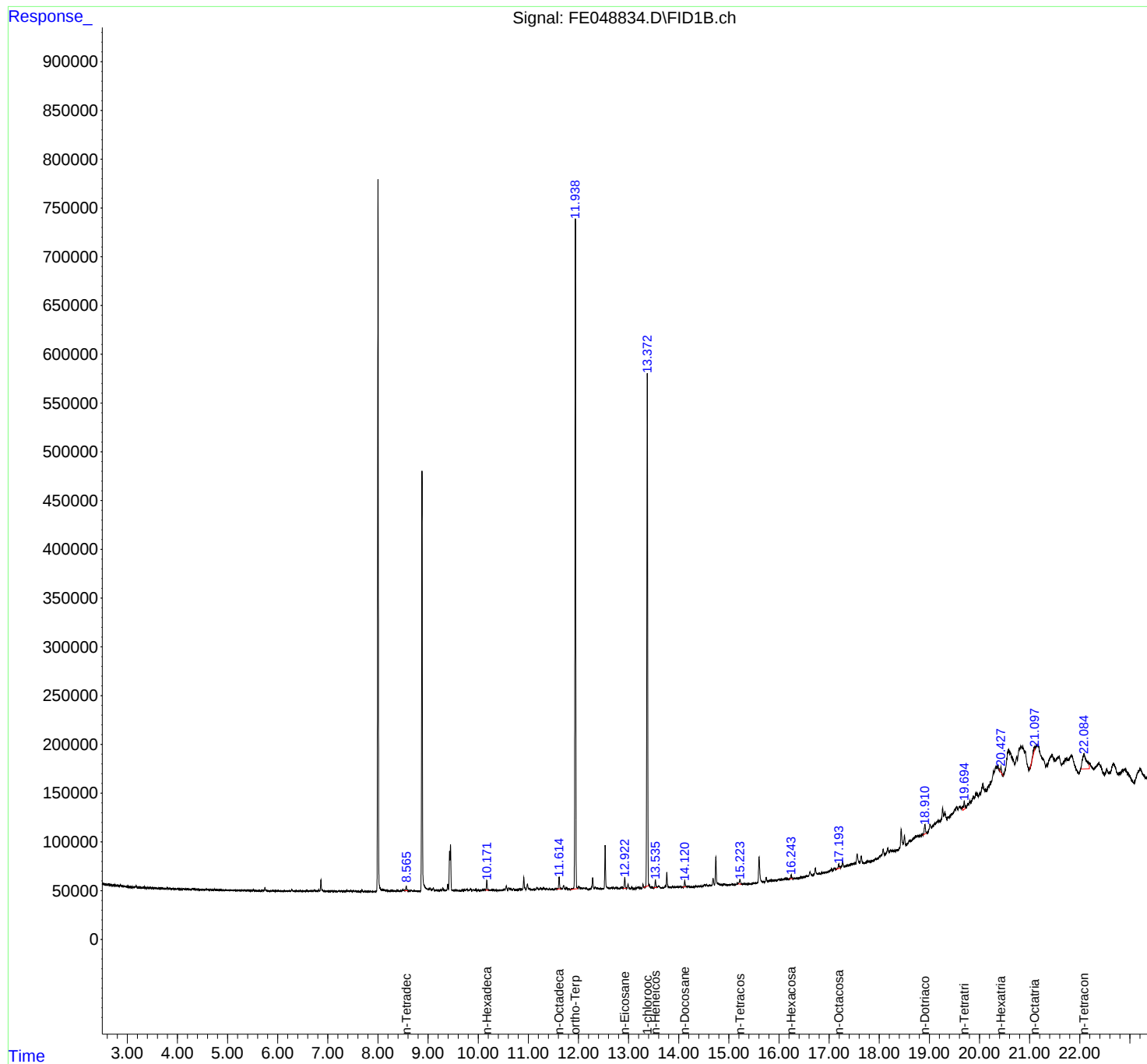
(f)=RT Delta > 1/2 Window

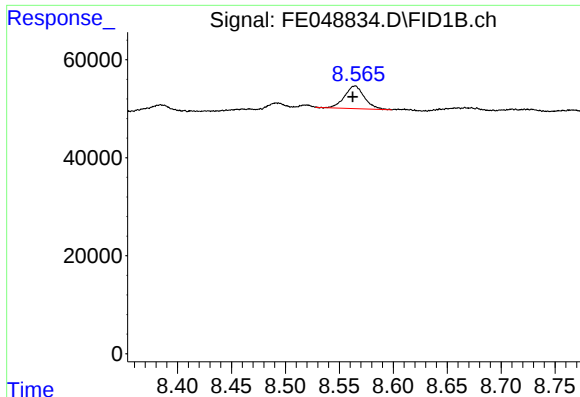
(m)=manual int.

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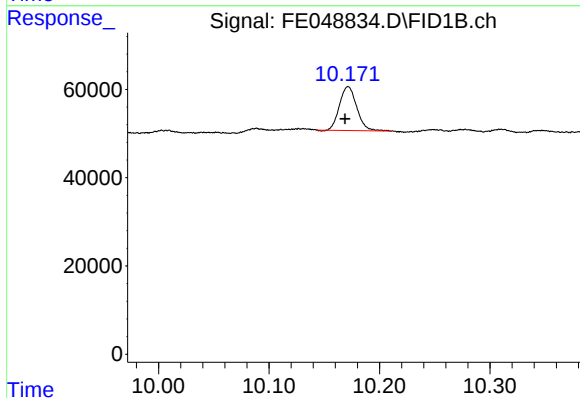
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





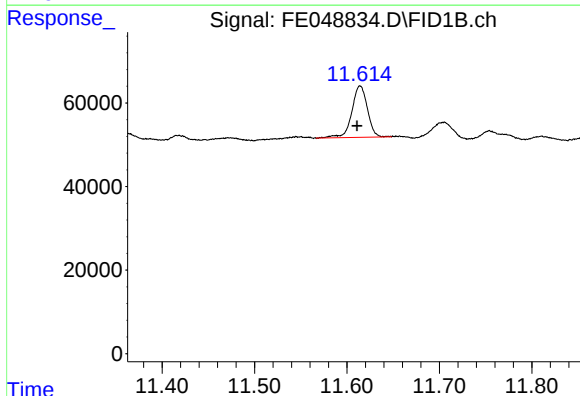
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.003 min
Response: 58644
Conc: 0.38 ug/ml



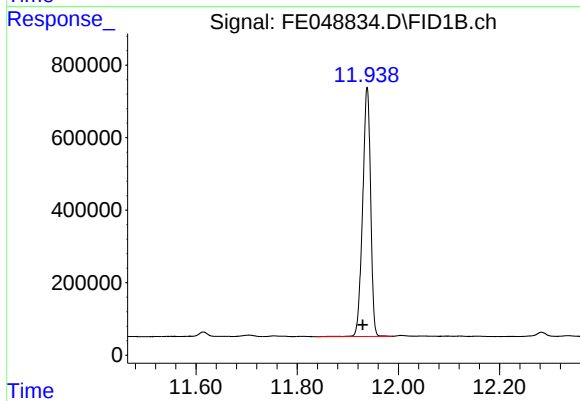
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.003 min
Response: 108437
Conc: 0.69 ug/ml



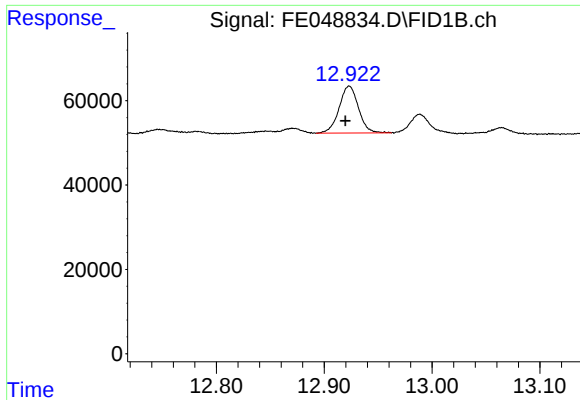
#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 144203
Conc: 0.90 ug/ml



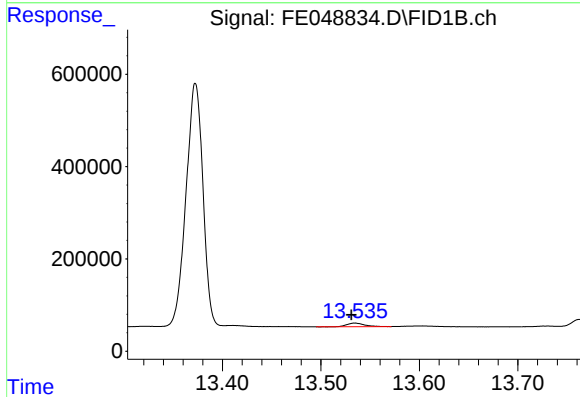
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.009 min
Response: 7497046
Conc: 44.84 ug/ml



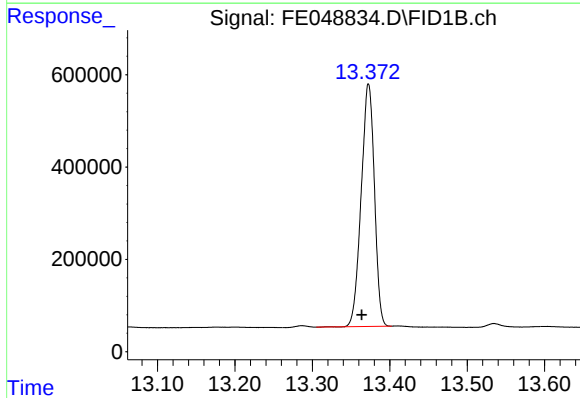
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.004 min
Response: 139289
Conc: 0.90 ug/ml



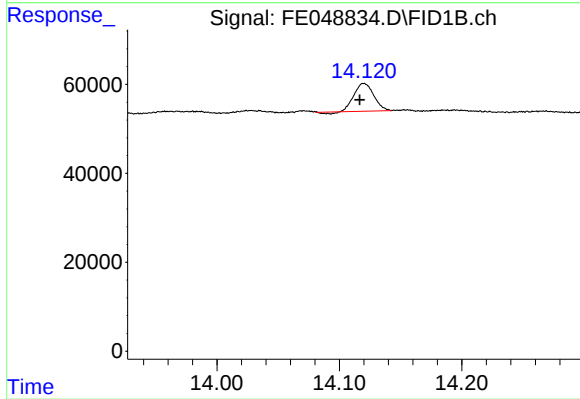
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.004 min
Response: 95820
Conc: 0.63 ug/ml



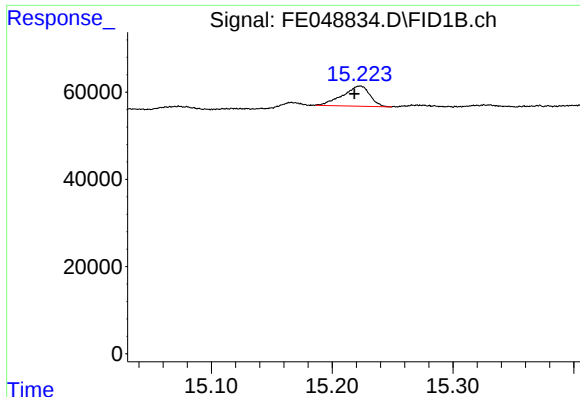
#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: 0.009 min
Response: 6242074
Conc: 48.54 ug/ml



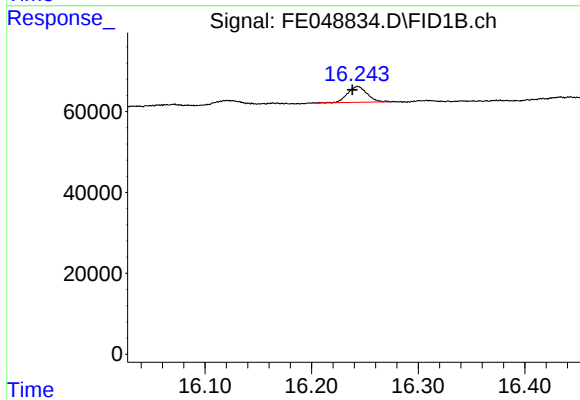
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: 0.003 min
Response: 69217
Conc: 0.46 ug/ml



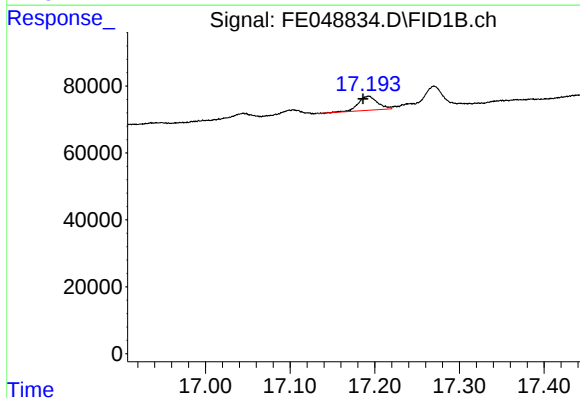
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.005 min
Response: 72779
Conc: 0.48 ug/ml



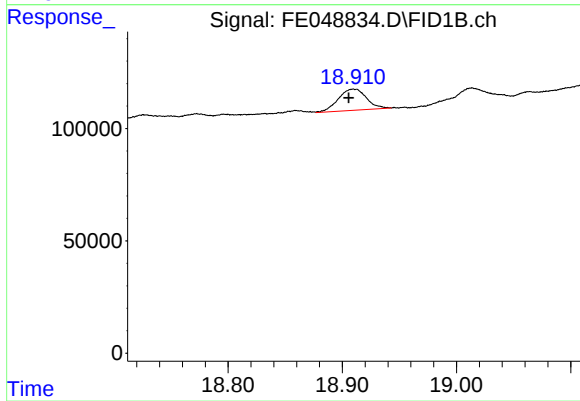
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.005 min
Response: 49574
Conc: 0.34 ug/ml



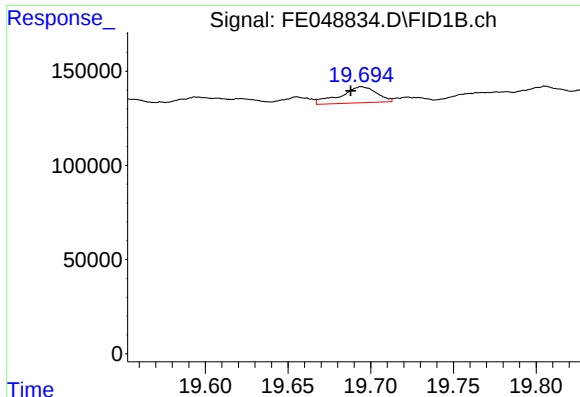
#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: 0.007 min
Response: 66178
Conc: 0.46 ug/ml



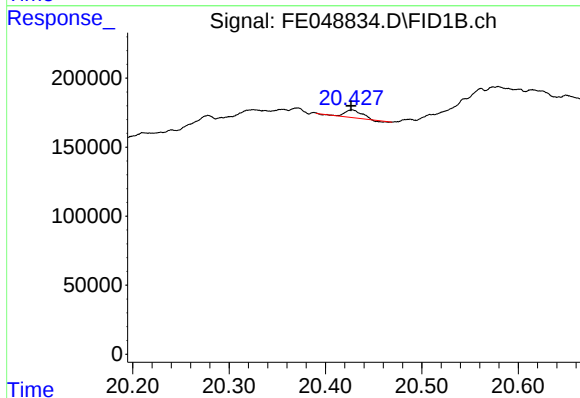
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.005 min
Response: 162096
Conc: 1.13 ug/ml



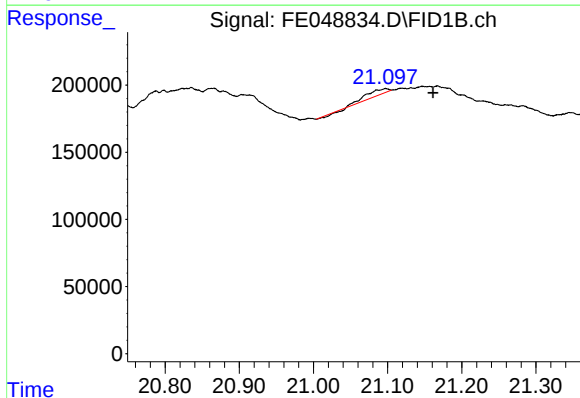
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.006 min
Response: 130608
Conc: 0.94 ug/ml



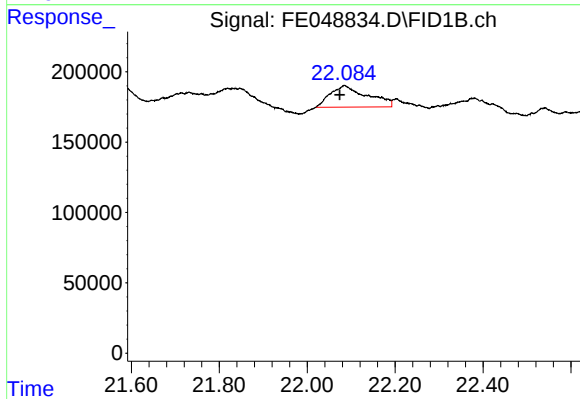
#20 n-Hexatriacontane (C36)

R.T.: 20.427 min
Delta R.T.: 0.001 min
Response: 66101
Conc: 0.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.064 min
Response: 76329
Conc: 0.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.010 min
Response: 895142
Conc: 7.31 ug/ml