

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032624AL\
 Data File : FE047320.D
 Signal(s) : FID1B.ch
 Acq On : 26 Mar 2024 09:05
 Operator : YP\AJ
 Sample : P1842-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 26 10:49:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.985	726846	4.641 ug/ml
Spiked Amount 50.000		Recovery =	9.28%
12) S 1-chlorooctadecane (S...	13.405	1686891	13.909 ug/ml
Spiked Amount 50.000		Recovery =	27.82%
Target Compounds			
6) T n-Tetradecane (C14)	8.612	95255	0.646 ug/ml
7) T n-Hexadecane (C16)	10.220	162602	1.074 ug/ml
8) T n-Octadecane (C18)	11.662	134498	0.885 ug/ml
10) T n-Eicosane (C20)	12.972	109935	0.756 ug/ml
11) T n-Heneicosane (C21)	13.596	226605	1.585 ug/ml
13) T n-Docosane (C22)	14.170	51246	0.361 ug/ml
17) T n-Tricontane (C30)	18.126	75779	0.546 ug/ml
18) T n-Dotriacontane (C32)	18.957	73148	0.530 ug/ml
19) T n-Tetratriacontane (C34)	19.740	34903	0.255 ug/ml
20) T n-Hexatriacontane (C36)	20.481	37917	0.278 ug/ml
21) T n-Octatriacontane (C38)	21.224	36016	0.260 ug/ml
22) T n-Tetracontane (C40)	22.156	53104	0.371 ug/ml

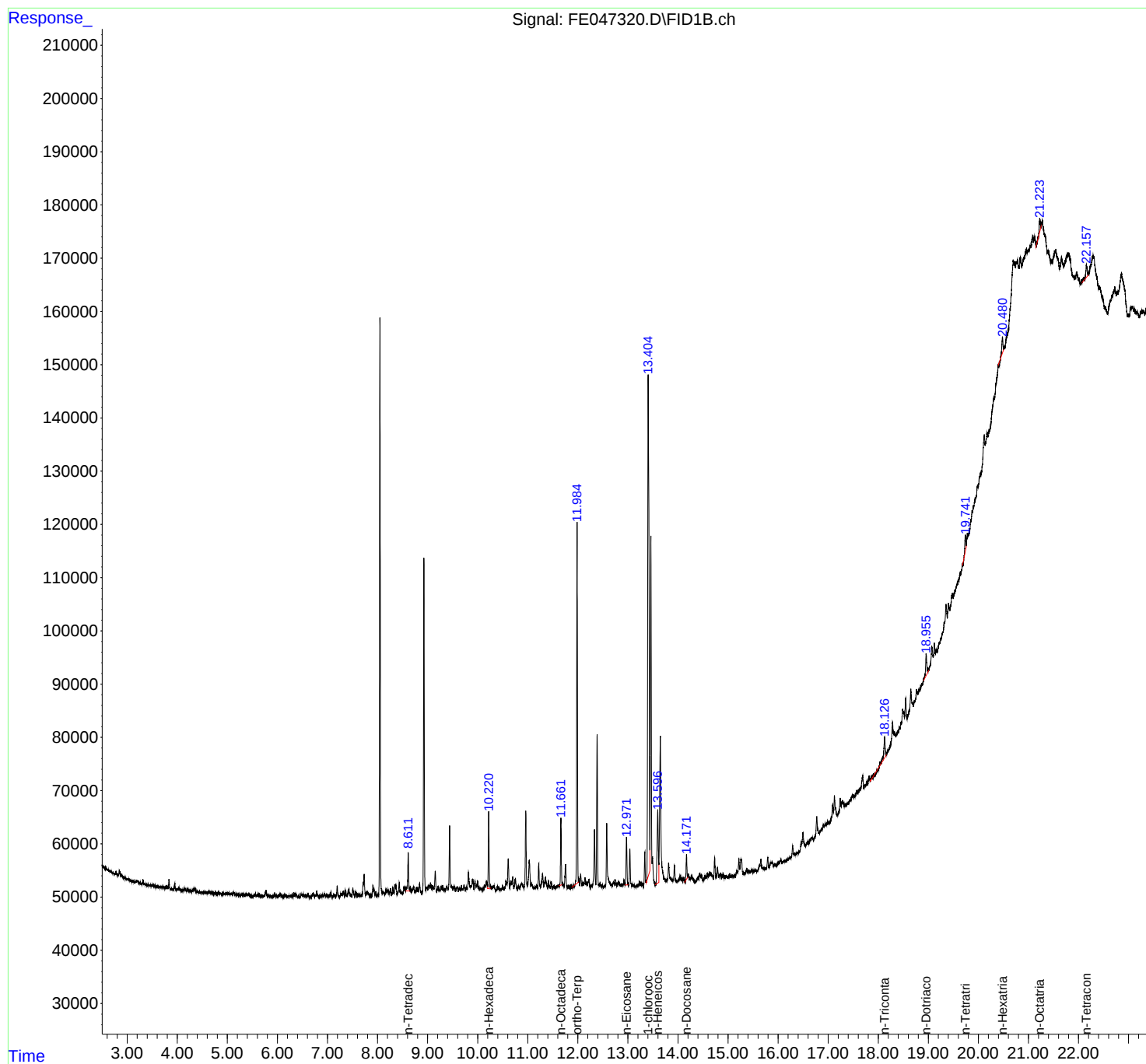
(f)=RT Delta > 1/2 Window

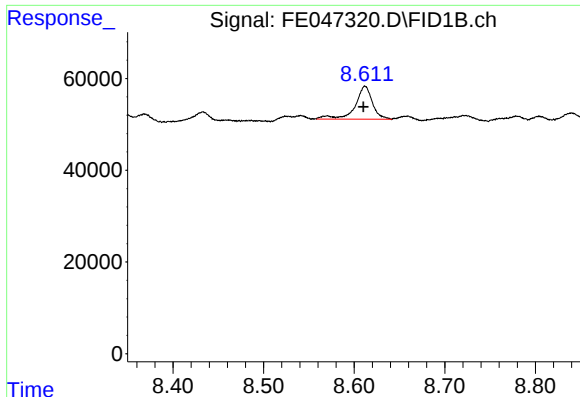
(m)=manual int.

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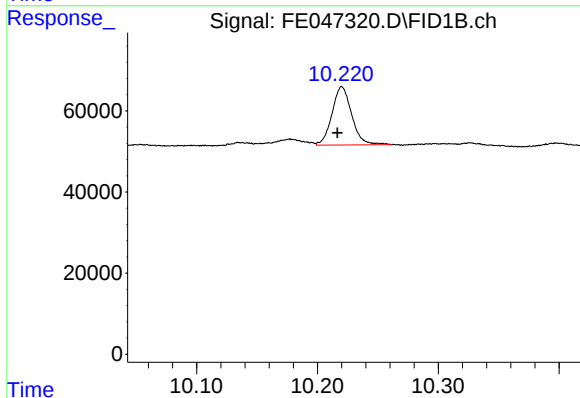
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





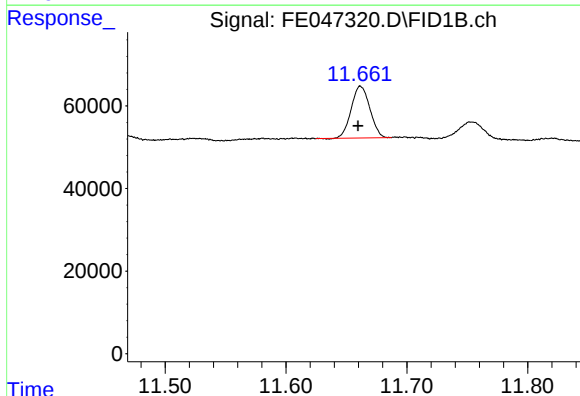
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.002 min
Response: 95255
Conc: 0.65 ug/ml



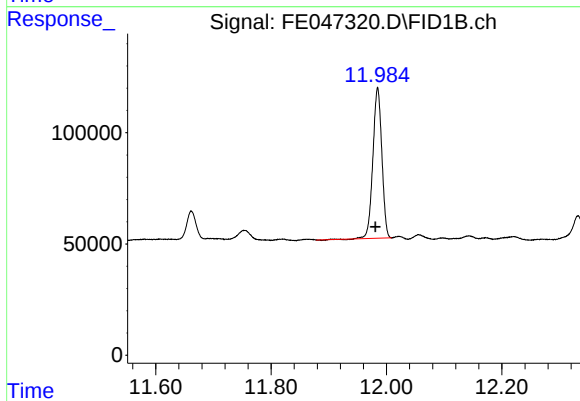
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.004 min
Response: 162602
Conc: 1.07 ug/ml



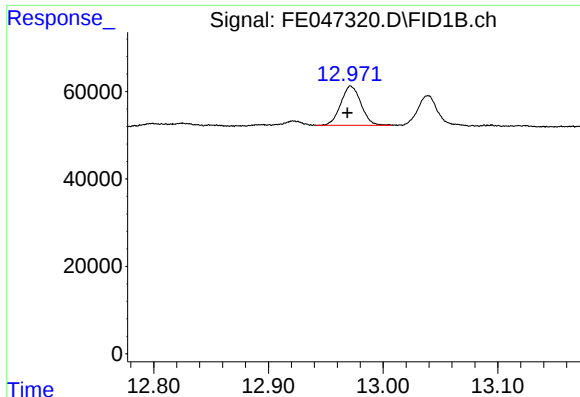
#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.002 min
Response: 134498
Conc: 0.89 ug/ml



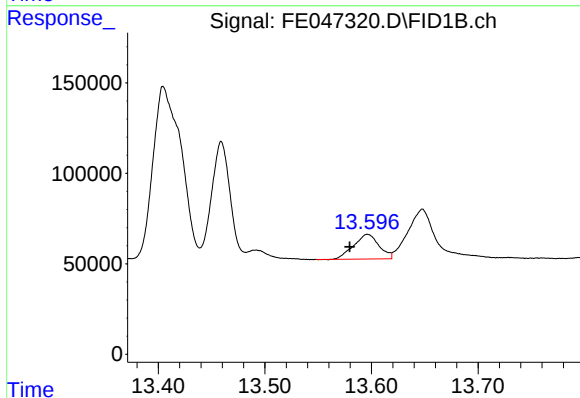
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.004 min
Response: 726846
Conc: 4.64 ug/ml



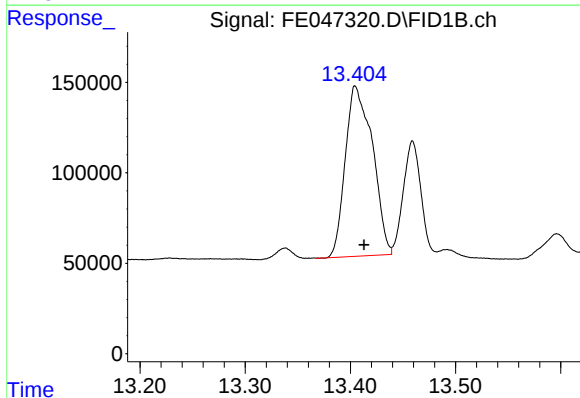
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.003 min
Response: 109935
Conc: 0.76 ug/ml



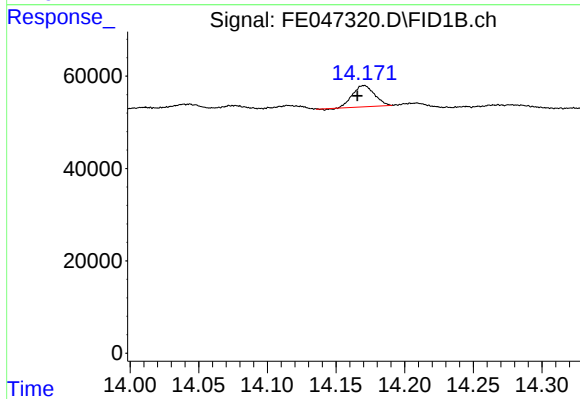
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: 0.017 min
Response: 226605
Conc: 1.59 ug/ml



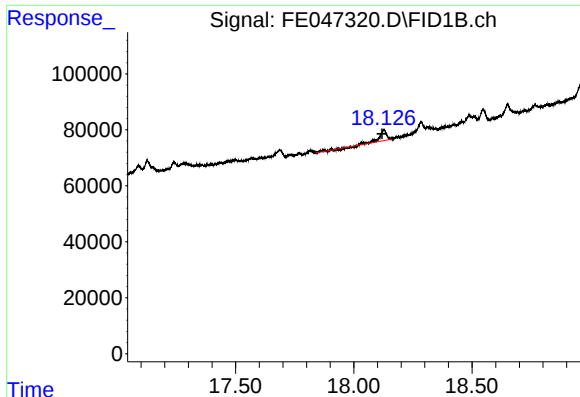
#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: -0.008 min
Response: 1686891
Conc: 13.91 ug/ml



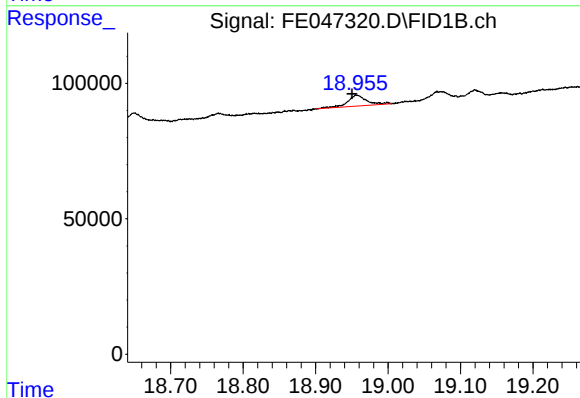
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.005 min
Response: 51246
Conc: 0.36 ug/ml



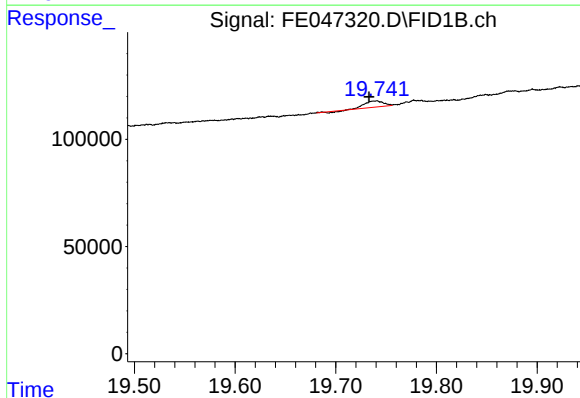
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.007 min
Response: 75779
Conc: 0.55 ug/ml



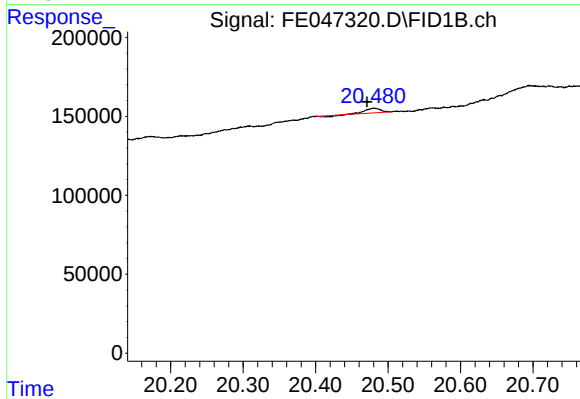
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.006 min
Response: 73148
Conc: 0.53 ug/ml



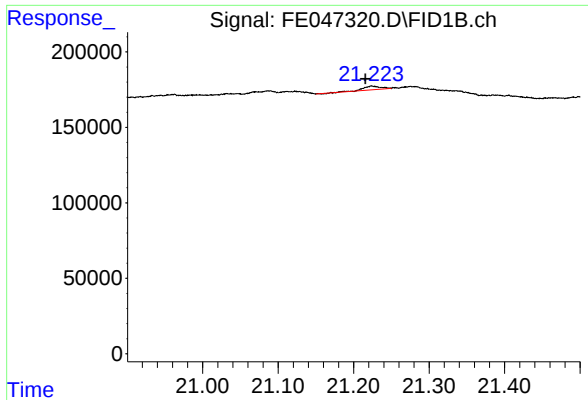
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.007 min
Response: 34903
Conc: 0.25 ug/ml



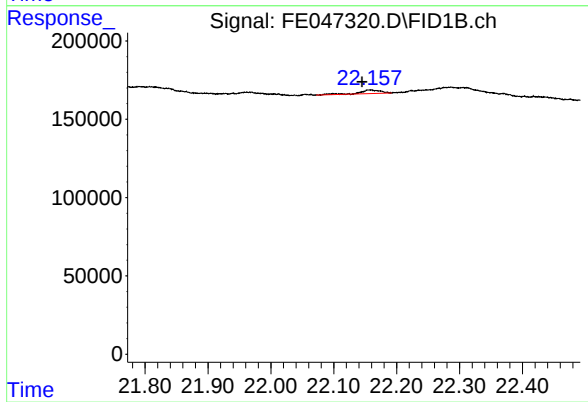
#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.010 min
Response: 37917
Conc: 0.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.008 min
Response: 36016
Conc: 0.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.011 min
Response: 53104
Conc: 0.37 ug/ml