

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031323AL\
 Data File : FE040767.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2023 16:59
 Operator : YP\AJ
 Sample : 01857-01D
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:41:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.882	6473541	34.653 ug/ml
Spiked Amount 50.000		Recovery =	69.31%
12) S 1-chlorooctadecane (S...	13.321	5228869	35.329 ug/ml
Spiked Amount 50.000		Recovery =	70.66%
Target Compounds			
6) T n-Tetradecane (C14)	8.514	31504	0.204 ug/ml
7) T n-Hexadecane (C16)	10.120	33735	0.209 ug/ml
8) T n-Octadecane (C18)	11.577	55892	0.329 ug/ml
10) T n-Eicosane (C20)	12.942f	68481	0.405 ug/ml
11) T n-Heneicosane (C21)	13.523	55558	0.324 ug/ml
13) T n-Docosane (C22)	14.025	27025	0.158 ug/ml
14) T n-Tetracosane (C24)	15.177	64720	0.375 ug/ml
15) T n-Hexacosane (C26)	16.198	63465	0.373 ug/ml
16) T n-Octacosane (C28)	17.150	84137	0.502 ug/ml
17) T n-Tricontane (C30)	18.038	110860	0.679 ug/ml
18) T n-Dotriacontane (C32)	18.872	139946	0.818 ug/ml
19) T n-Tetratriacontane (C34)	19.656	62696	0.406 ug/ml
20) T n-Hexatriacontane (C36)	20.400	53066	0.365 ug/ml
22) T n-Tetracontane (C40)	22.024	26172	0.169 ug/ml

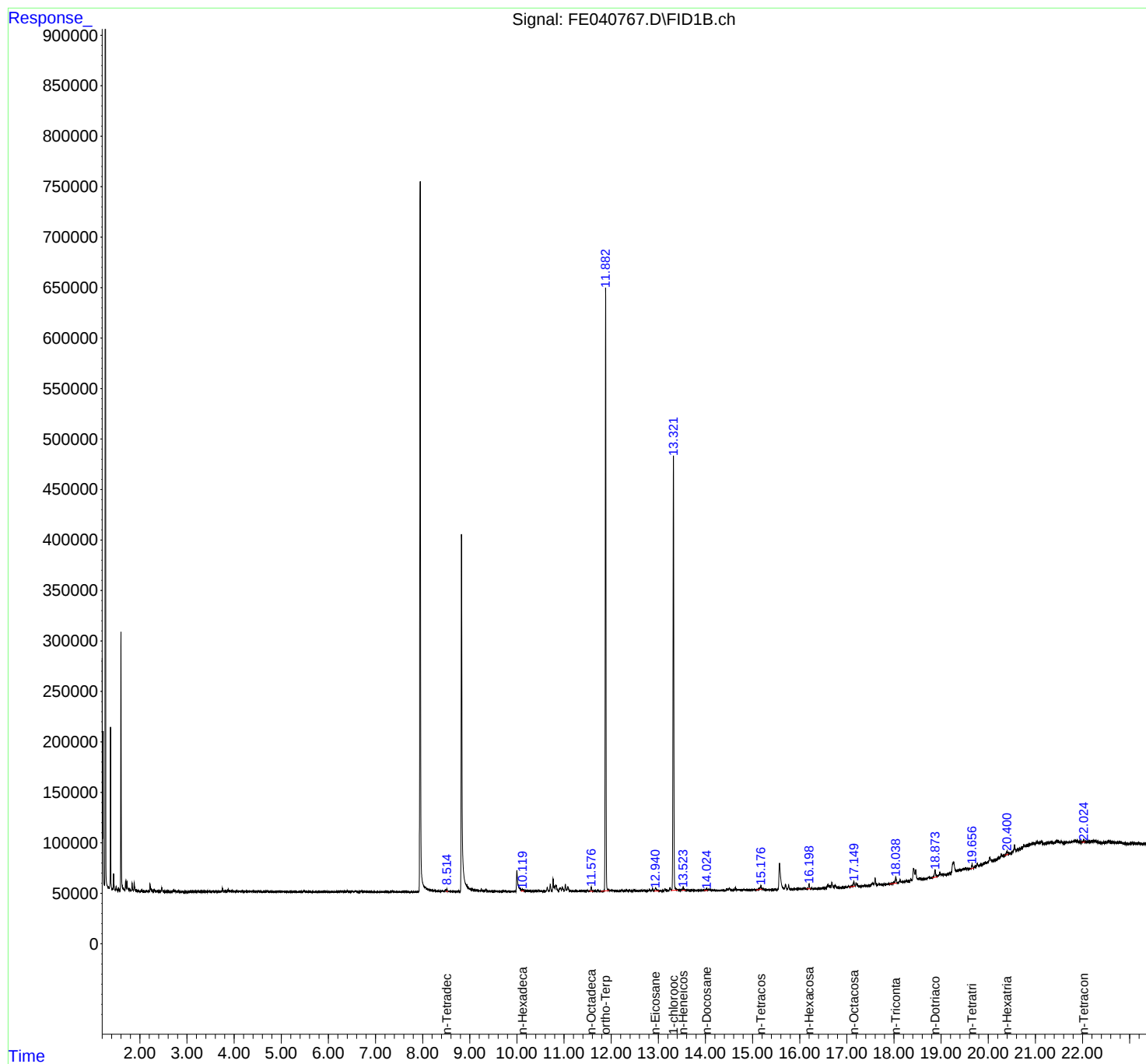
(f)=RT Delta > 1/2 Window

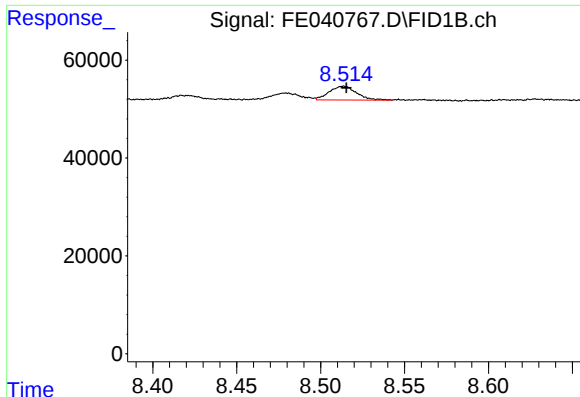
(m)=manual int.

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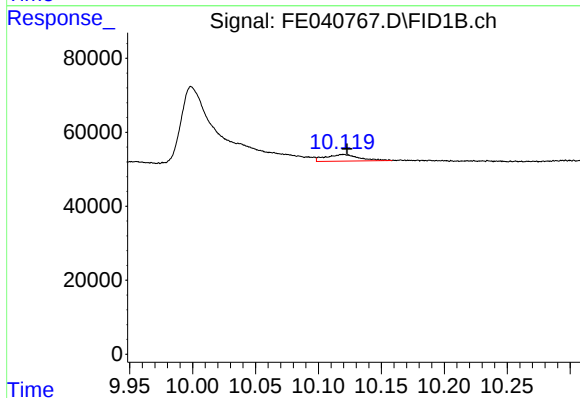
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





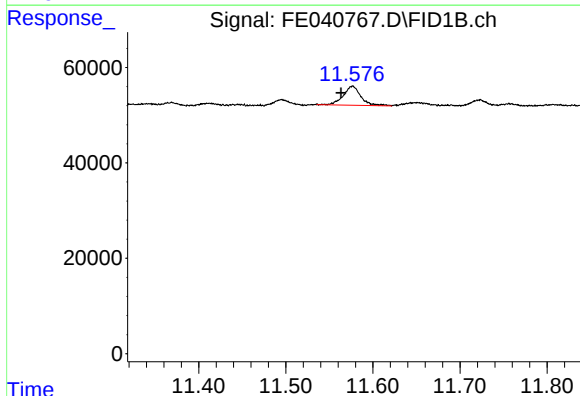
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.001 min
Response: 31504
Conc: 0.20 ug/ml



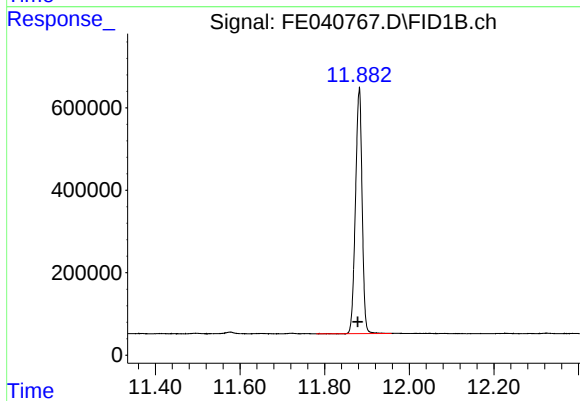
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.003 min
Response: 33735
Conc: 0.21 ug/ml



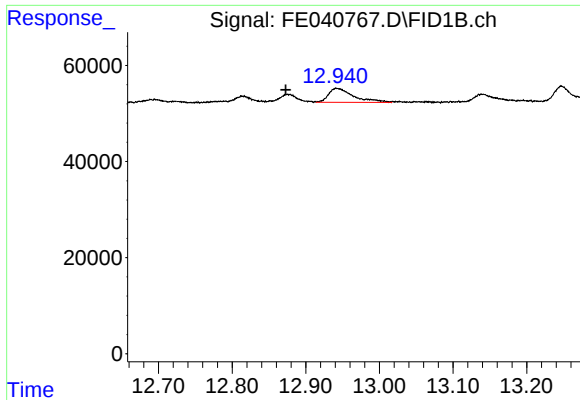
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: 0.013 min
Response: 55892
Conc: 0.33 ug/ml



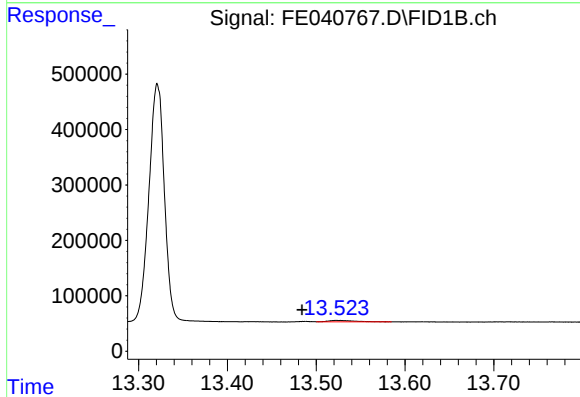
#9 ortho-Terphenyl (SURR)

R.T.: 11.882 min
Delta R.T.: 0.003 min
Response: 6473541
Conc: 34.65 ug/ml



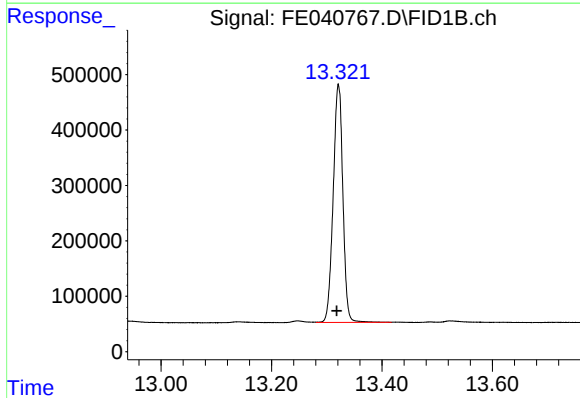
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.069 min
Response: 68481
Conc: 0.40 ug/ml



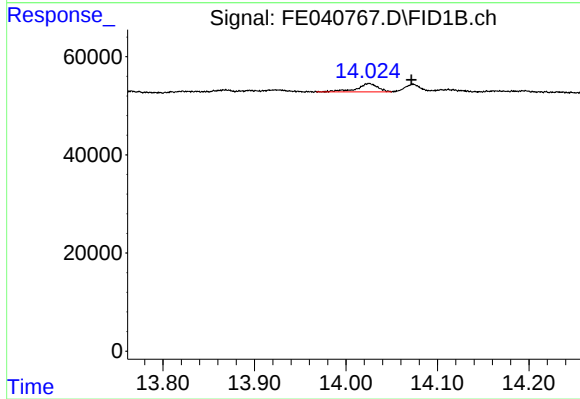
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.039 min
Response: 55558
Conc: 0.32 ug/ml



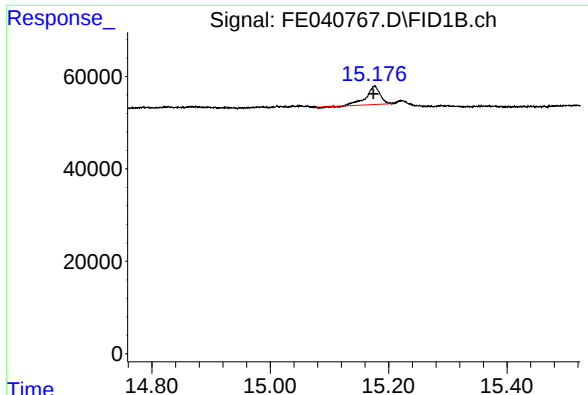
#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: 0.003 min
Response: 5228869
Conc: 35.33 ug/ml



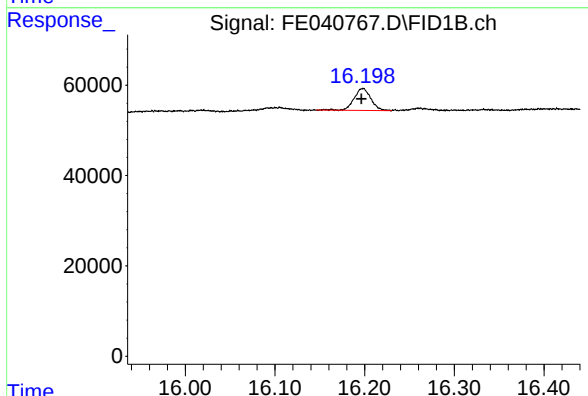
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.047 min
Response: 27025
Conc: 0.16 ug/ml



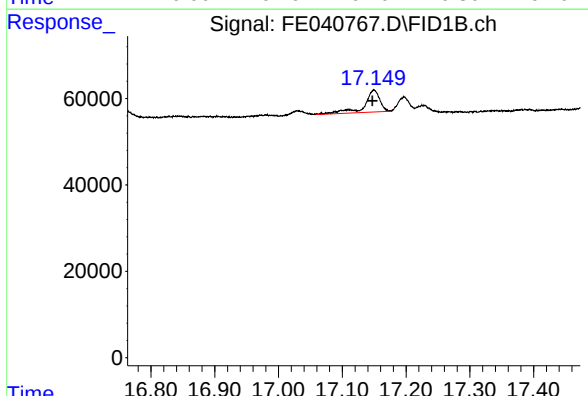
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: 0.002 min
Response: 64720
Conc: 0.38 ug/ml



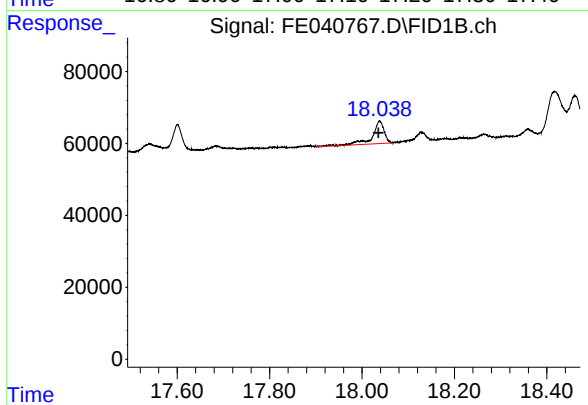
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.001 min
Response: 63465
Conc: 0.37 ug/ml



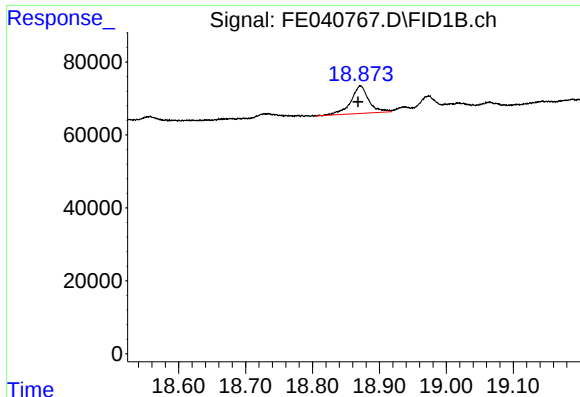
#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: 0.002 min
Response: 84137
Conc: 0.50 ug/ml



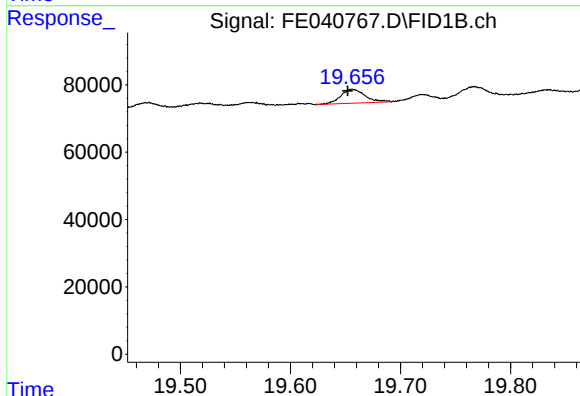
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: 0.002 min
Response: 110860
Conc: 0.68 ug/ml



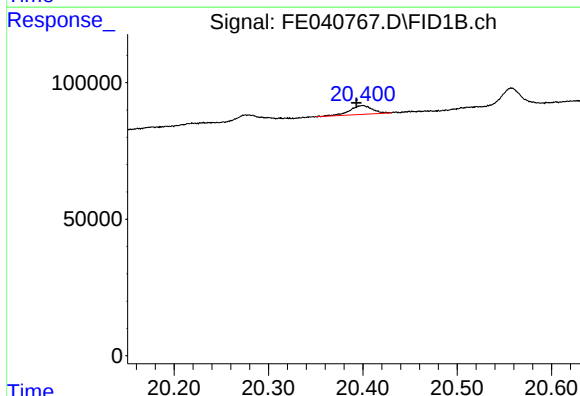
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.003 min
Response: 139946
Conc: 0.82 ug/ml



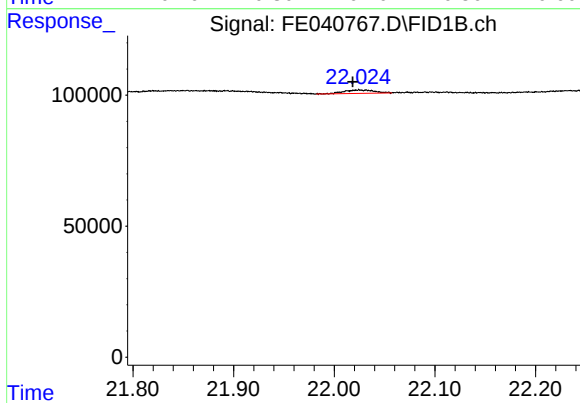
#19 n-Tetatriacontane (C34)

R.T.: 19.656 min
Delta R.T.: 0.004 min
Response: 62696
Conc: 0.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: 0.007 min
Response: 53066
Conc: 0.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: 0.006 min
Response: 26172
Conc: 0.17 ug/ml