

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031723AL\
 Data File : FE040861.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2023 11:28
 Operator : YP\AJ
 Sample : 01924-05DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 00:31:22 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)	11.873	3759851	20.126 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	13.312	2203663	14.889 ug/ml
Spiked Amount 50.000		Recovery =	29.78%
Target Compounds			
6) T n-Tetradecane (C14)	8.505	29206	0.189 ug/ml
7) T n-Hexadecane (C16)	10.116	42689	0.264 ug/ml
8) T n-Octadecane (C18)	11.554	415619	2.448 ug/ml
10) T n-Eicosane (C20)	12.865	363544	2.149 ug/ml
11) T n-Heneicosane (C21)	13.478	38342	0.224 ug/ml
13) T n-Docosane (C22)	14.064	49253	0.288 ug/ml
14) T n-Tetracosane (C24)	15.220	40105	0.233 ug/ml
16) T n-Octacosane (C28)	17.189	31751	0.189 ug/ml
17) T n-Tricontane (C30)	18.029	43318	0.265 ug/ml
18) T n-Dotriacontane (C32)	18.864	50649	0.296 ug/ml
19) T n-Tetratriacontane (C34)	19.653	15661	0.101 ug/ml
20) T n-Hexatriacontane (C36)	20.440	25800	0.178 ug/ml

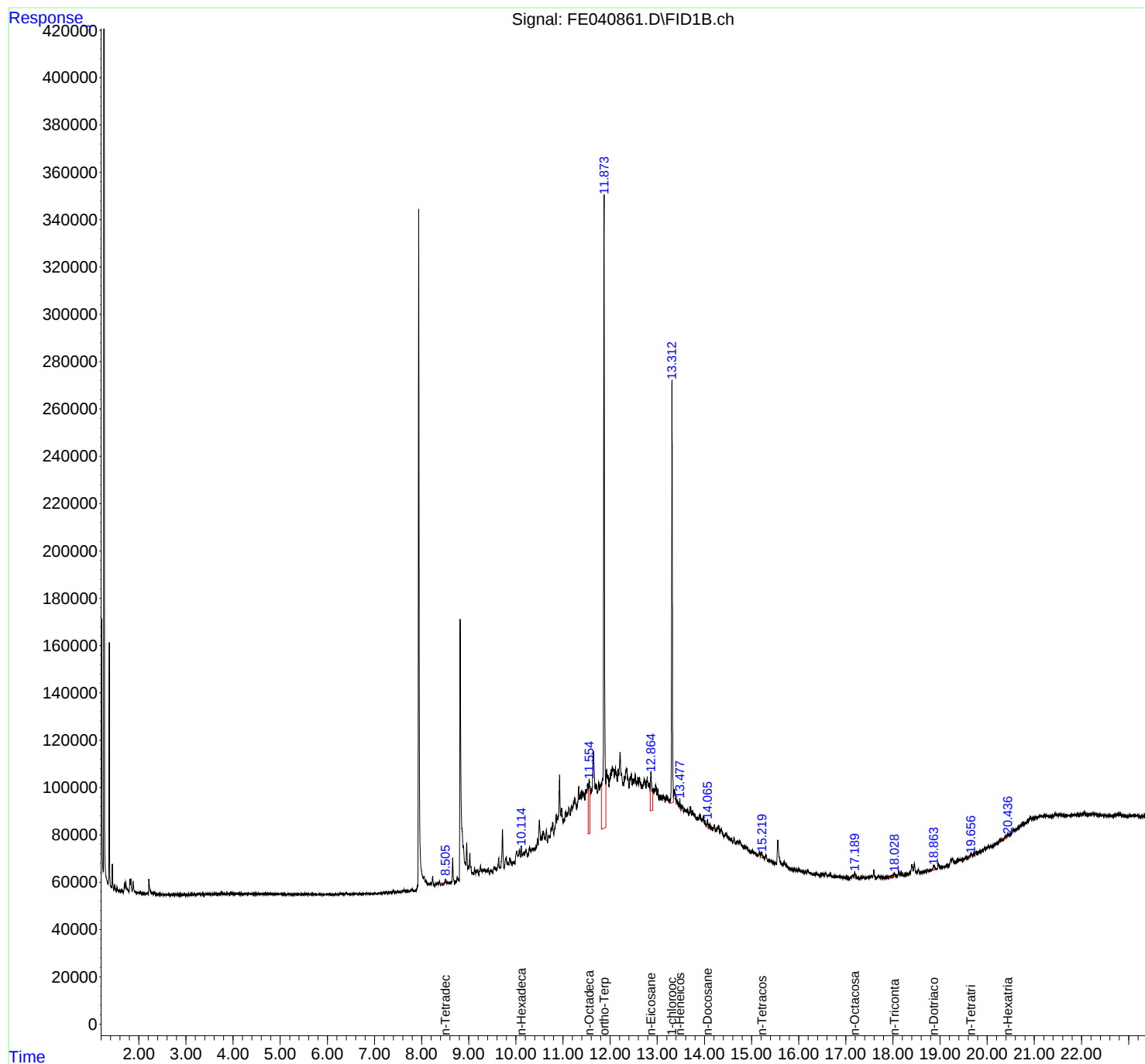
(f)=RT Delta > 1/2 Window

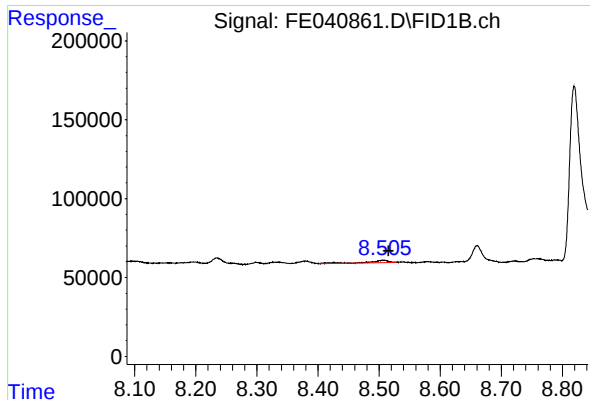
(m)=manual int.

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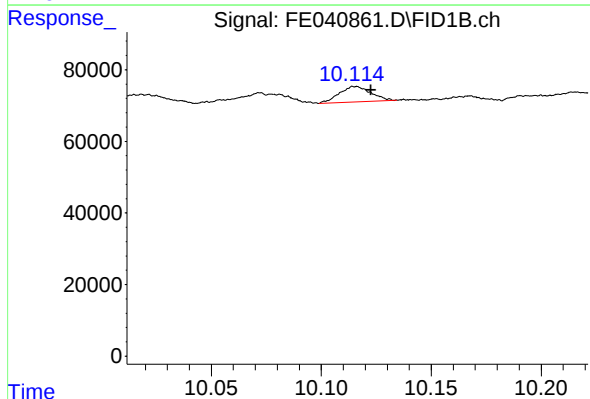
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





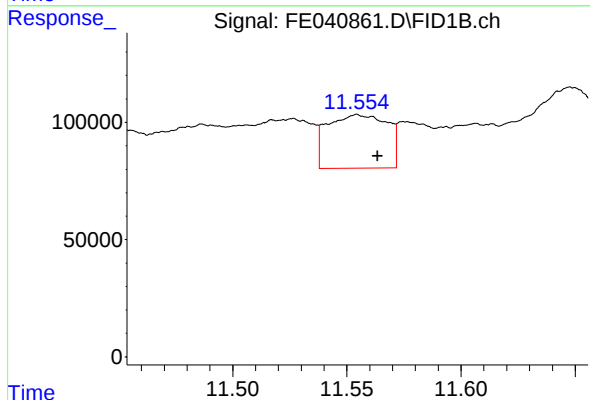
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.010 min
Response: 29206
Conc: 0.19 ug/ml



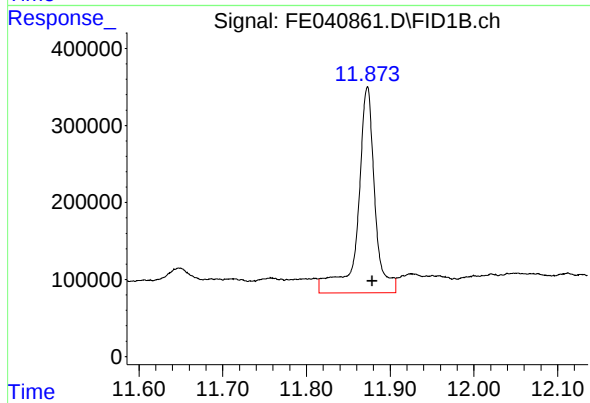
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.007 min
Response: 42689
Conc: 0.26 ug/ml



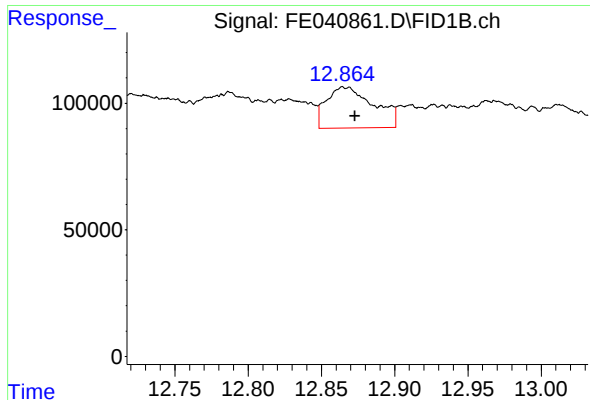
#8 n-Octadecane (C18)

R.T.: 11.554 min
Delta R.T.: -0.009 min
Response: 415619
Conc: 2.45 ug/ml



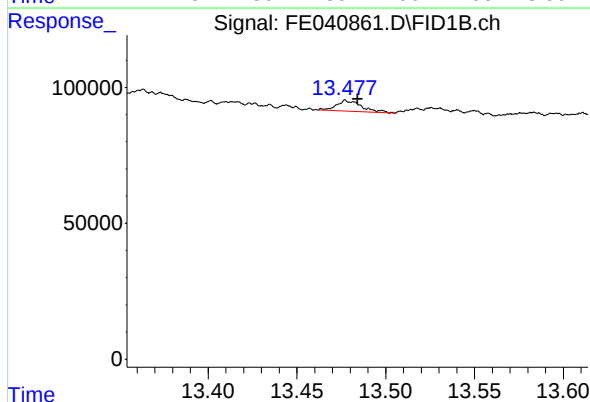
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.006 min
Response: 3759851
Conc: 20.13 ug/ml



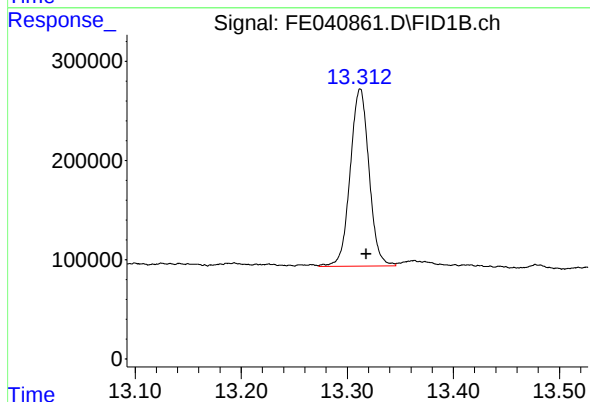
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.008 min
Response: 363544
Conc: 2.15 ug/ml



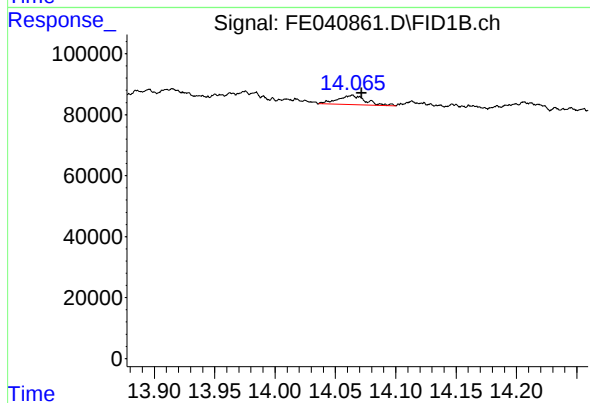
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.006 min
Response: 38342
Conc: 0.22 ug/ml



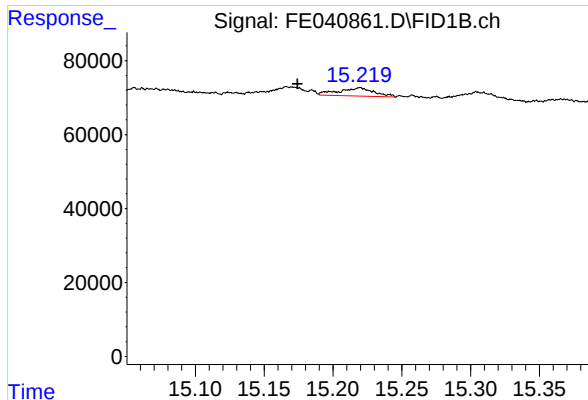
#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: -0.006 min
Response: 2203663
Conc: 14.89 ug/ml



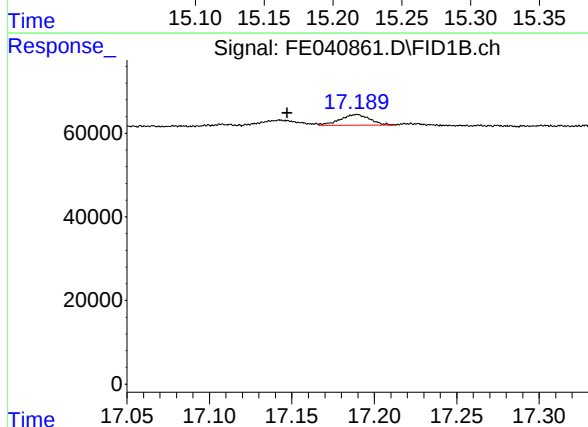
#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: -0.008 min
Response: 49253
Conc: 0.29 ug/ml



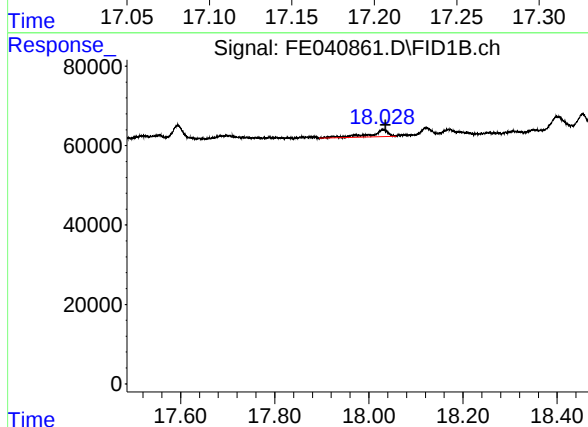
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.045 min
Response: 40105
Conc: 0.23 ug/ml



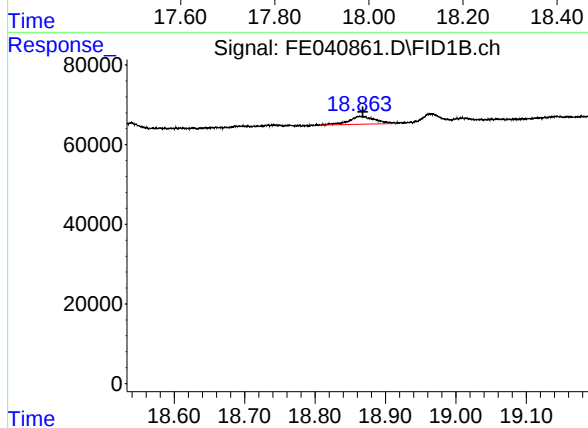
#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.042 min
Response: 31751
Conc: 0.19 ug/ml



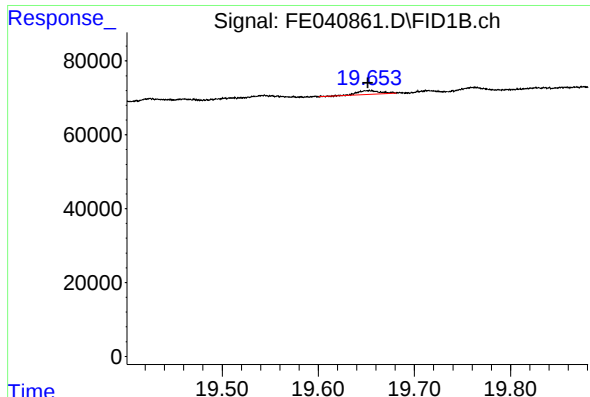
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.007 min
Response: 43318
Conc: 0.27 ug/ml



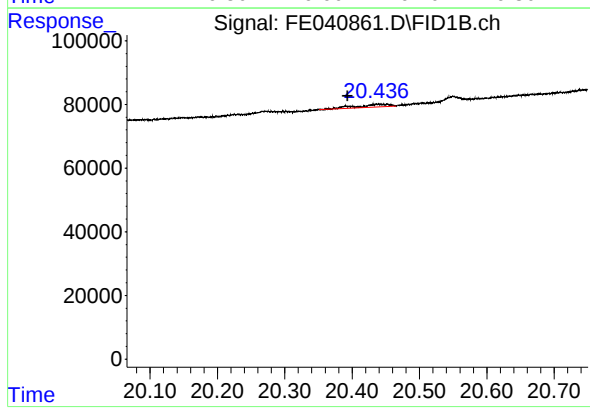
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.004 min
Response: 50649
Conc: 0.30 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.001 min
Response: 15661
Conc: 0.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.046 min
Response: 25800
Conc: 0.18 ug/ml