

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072321AL\
 Data File : FE034147.D
 Signal(s) : FID1B.CH
 Acq On : 23 Jul 2021 11:23
 Operator : DD\AJ
 Sample : M2940-03
 Misc : MDL 2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 23:05:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 22 02:24:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
12) S 1-chlorooctadecane (S...	13.032	19671332	56.463 ug/ml
Spiked Amount 50.000		Recovery =	112.93%
Target Compounds			
1) T n-Nonane (C9)	3.386	735120	<MDL ug/ml
2) T n-Decane (C10)	4.425	719895	<MDL ug/ml
4) T n-Dodecane (C12)	6.429	703429	<MDL ug/ml
6) T n-Tetradecane (C14)	8.223	750709	<MDL ug/ml
7) T n-Hexadecane (C16)	9.823	787909	<MDL ug/ml
8) T n-Octadecane (C18)	11.264	920743	2.166 ug/ml
10) T n-Eicosane (C20)	12.572	888799	2.097 ug/ml
11) T n-Heneicosane (C21)	13.184	890030	2.077 ug/ml
13) T n-Docosane (C22)	13.772	880768	2.075 ug/ml
14) T n-Tetracosane (C24)	14.874	874971	2.061 ug/ml
15) T n-Hexacosane (C26)	15.895	874067	2.114 ug/ml
16) T n-Octacosane (C28)	16.845	886835	2.199 ug/ml
17) T n-Tricontane (C30)	17.733	881523	2.270 ug/ml
18) T n-Dotriacontane (C32)	18.568	814201	2.236 ug/ml
19) T n-Tetratriacontane (C34)	19.353	685590	2.002 ug/ml
20) T n-Hexatriacontane (C36)	20.093	515224	<MDL ug/ml
21) T n-Octatriacontane (C38)	20.833	390184	<MDL ug/ml
22) T n-Tetracontane (C40)	21.747	344284	<MDL ug/mlm

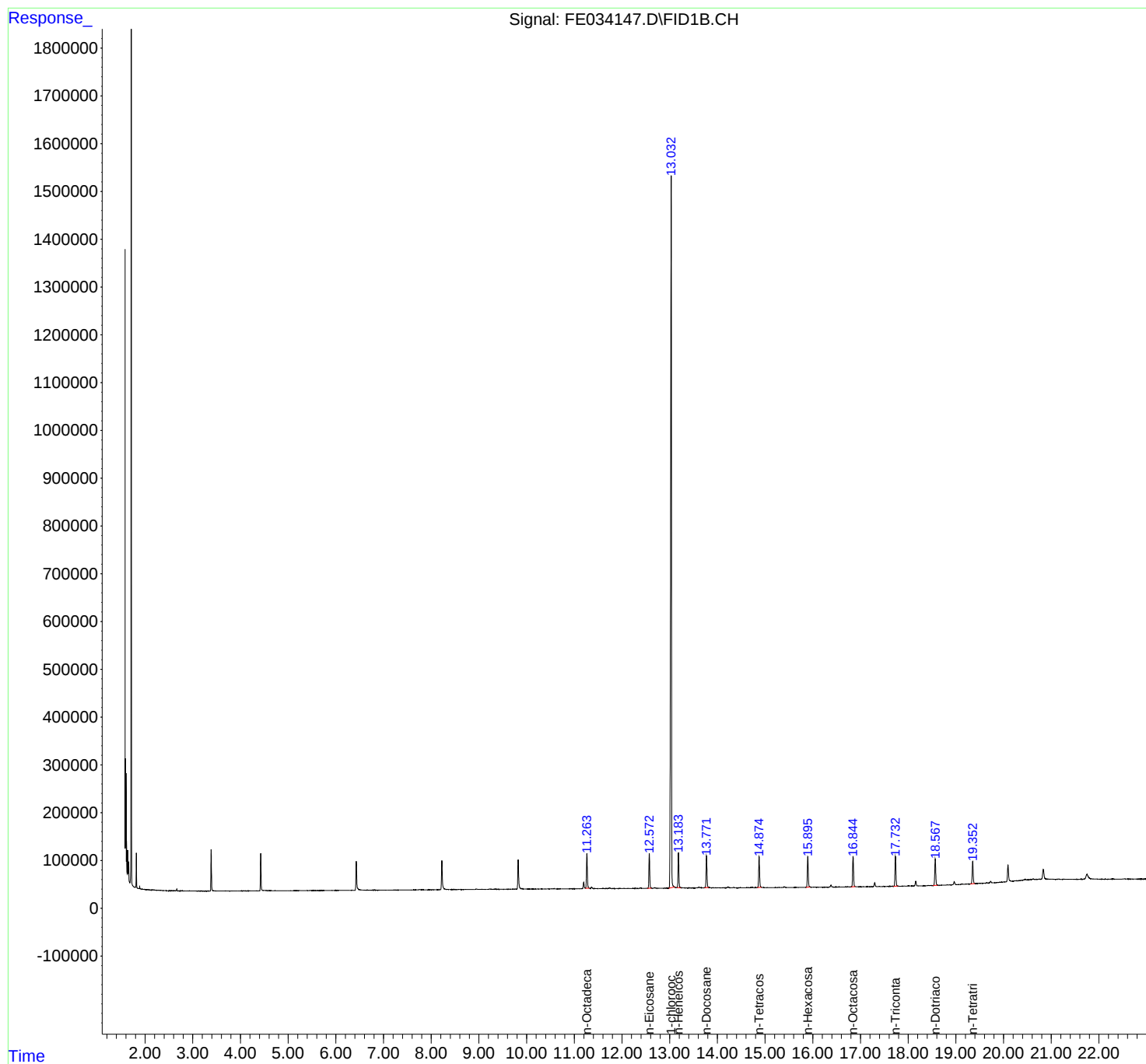
(f)=RT Delta > 1/2 Window

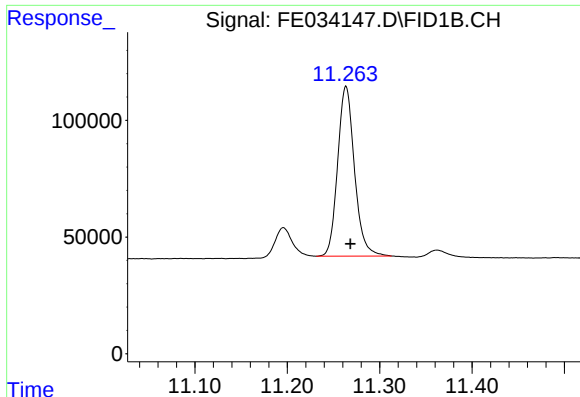
(m)=manual int.

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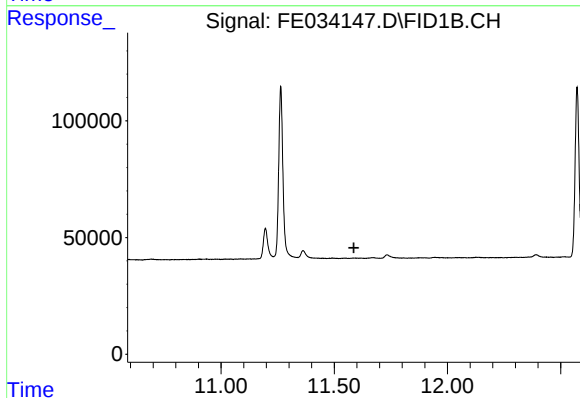
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





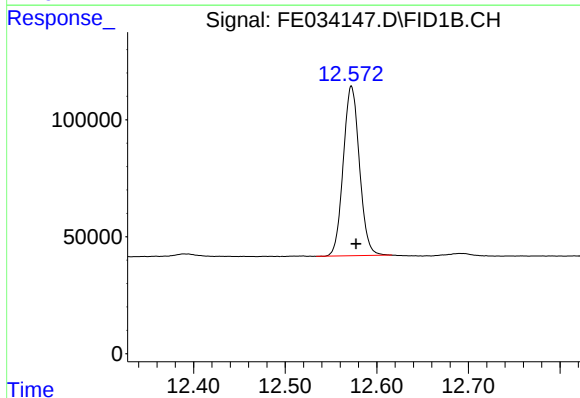
#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: -0.005 min
Response: 920743
Conc: 2.17 ug/ml



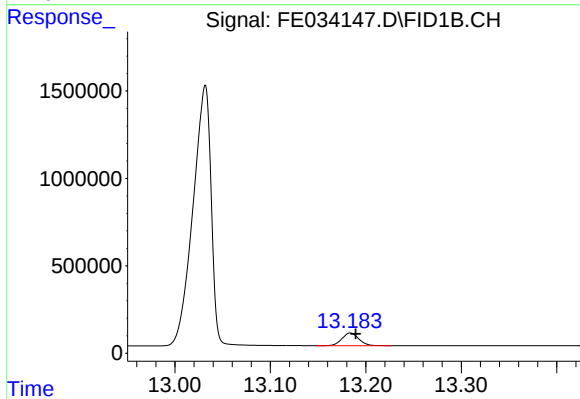
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.586 min
Response: 0
Conc: N.D.



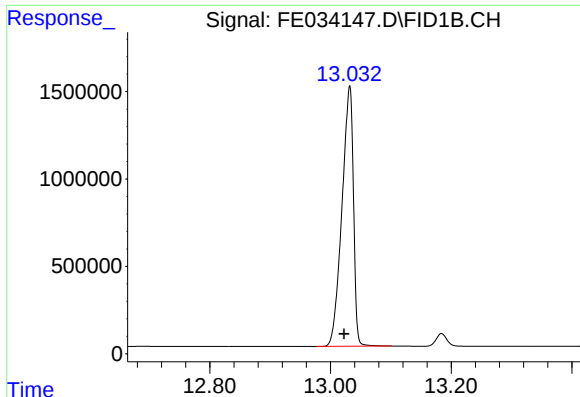
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: -0.005 min
Response: 888799
Conc: 2.10 ug/ml



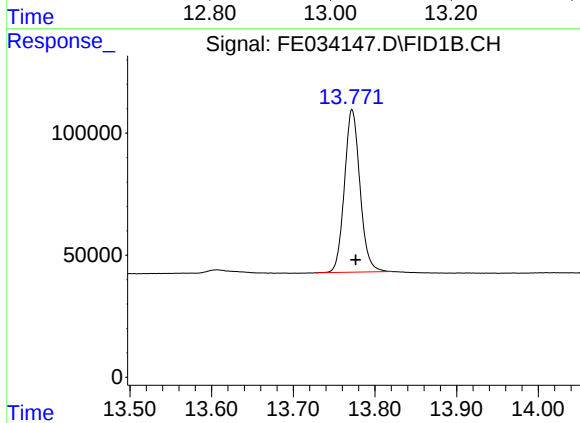
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.006 min
Response: 890030
Conc: 2.08 ug/ml



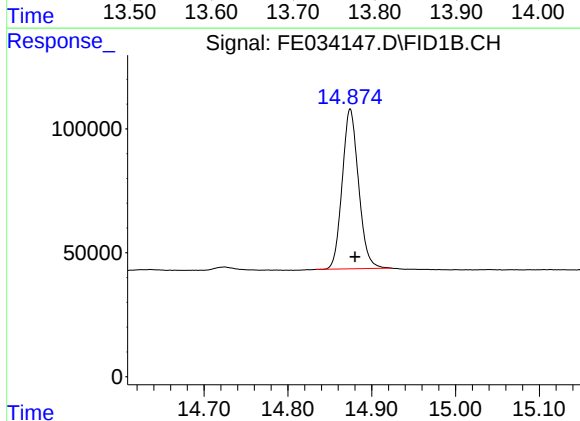
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: 0.009 min
Response: 19671332
Conc: 56.46 ug/ml



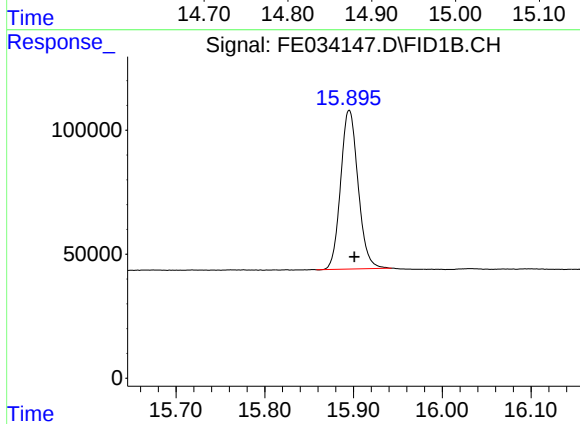
#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: -0.005 min
Response: 880768
Conc: 2.07 ug/ml



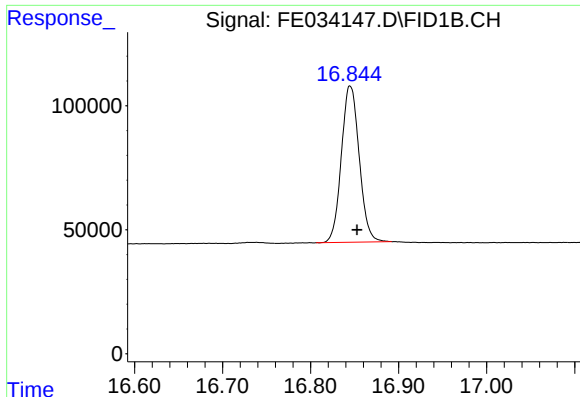
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: -0.006 min
Response: 874971
Conc: 2.06 ug/ml



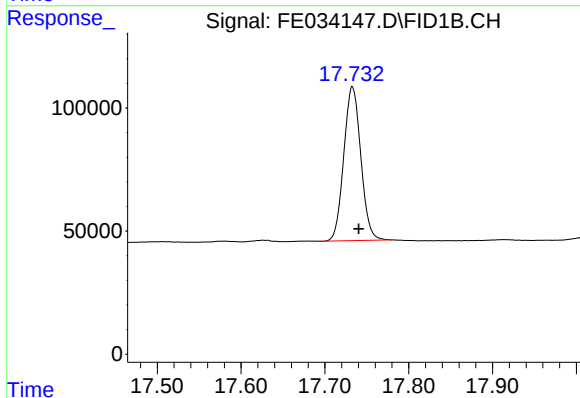
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.006 min
Response: 874067
Conc: 2.11 ug/ml



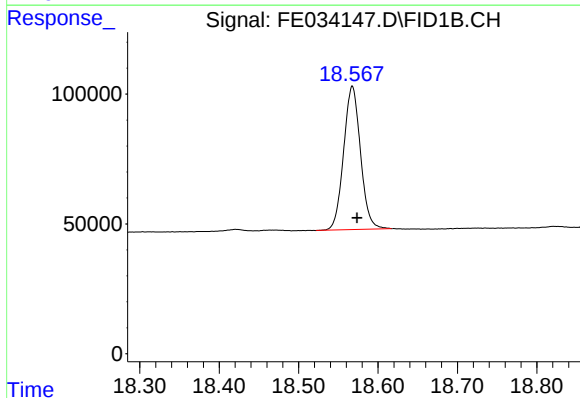
#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: -0.008 min
Response: 886835
Conc: 2.20 ug/ml



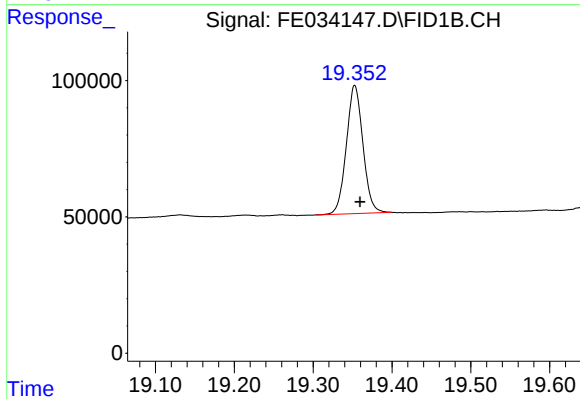
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.008 min
Response: 881523
Conc: 2.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.006 min
Response: 814201
Conc: 2.24 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.007 min
Response: 685590
Conc: 2.00 ug/ml