

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101019AL\
 Data File : FC043893.D
 Signal(s) : FID1A.CH
 Acq On : 11 Oct 2019 00:46
 Operator : DD\AJ
 Sample : K5111-07
 Misc : LOD 2.5 PPM
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 01:46:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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			
9) S ortho-Terphenyl (SURR)	11.569	332984	2.194 ug/ml
Spiked Amount 50.000		Recovery =	4.39%
12) S 1-chlorooctadecane (S...	12.991	3648668	30.775 ug/ml
Spiked Amount 50.000		Recovery =	61.55%
Target Compounds			
2) T n-Decane (C10)	4.477	155970	1.289 ug/ml
4) T n-Dodecane (C12)	6.467	243183	1.923 ug/ml
6) T n-Tetradecane (C14)	8.239	272802	2.119 ug/ml
7) T n-Hexadecane (C16)	9.822	249432	1.894 ug/ml
8) T n-Octadecane (C18)	11.249	257715	1.890 ug/ml
10) T n-Eicosane (C20)	12.546	264329	1.894 ug/ml
11) T n-Heneicosane (C21)	13.153	259906	1.829 ug/ml
13) T n-Docosane (C22)	13.734	260330	1.832 ug/ml
14) T n-Tetracosane (C24)	14.829	245944	1.713 ug/ml
15) T n-Hexacosane (C26)	15.843	245591	1.717 ug/ml
16) T n-Octacosane (C28)	16.785	250926	1.770 ug/ml
17) T n-Tricontane (C30)	17.667	266741	1.902 ug/ml
18) T n-Dotriacontane (C32)	18.494	275446	2.074 ug/ml
19) T n-Tetratriacontane (C34)	19.274	238740	1.911 ug/ml

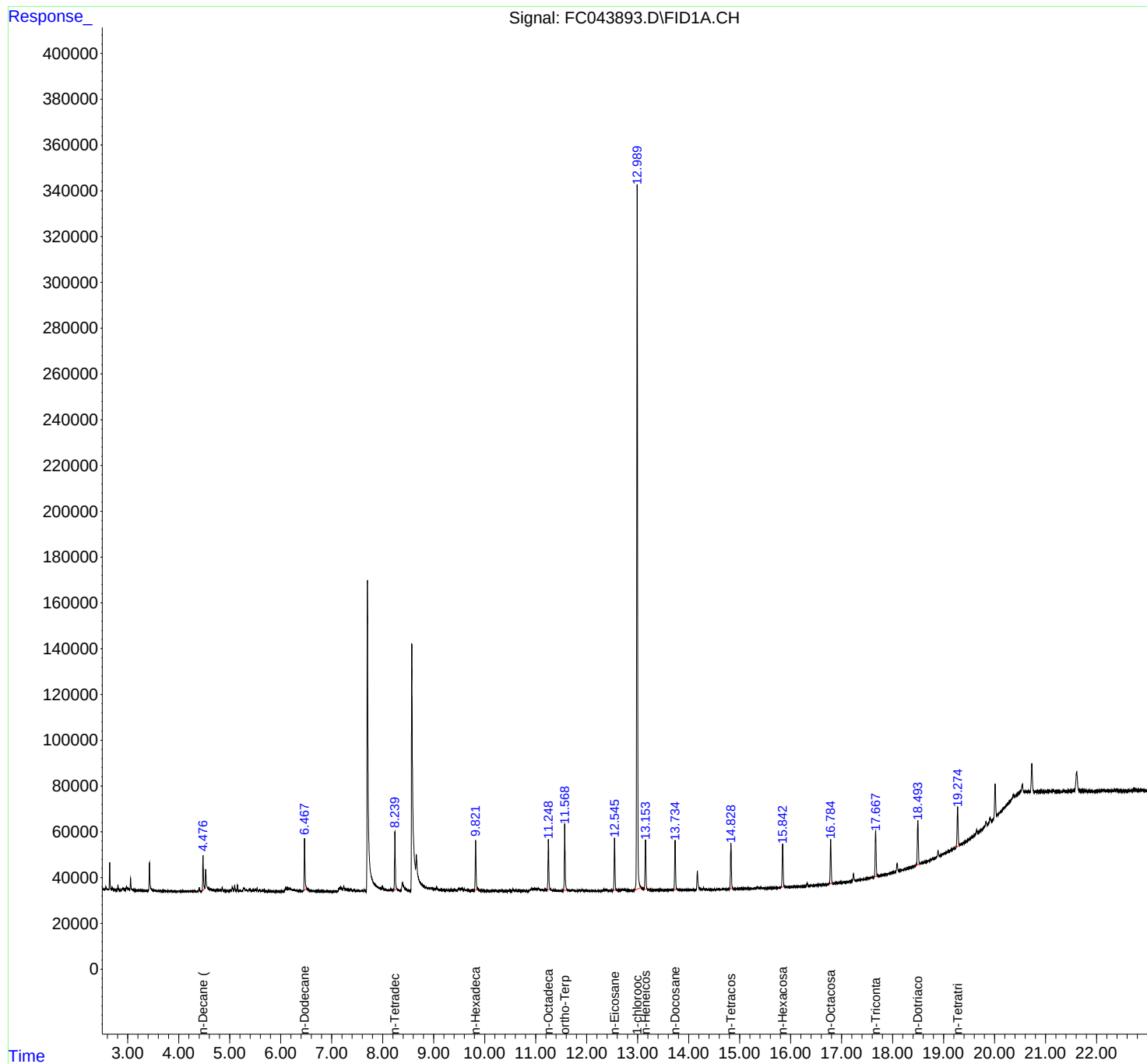
(f)=RT Delta > 1/2 Window

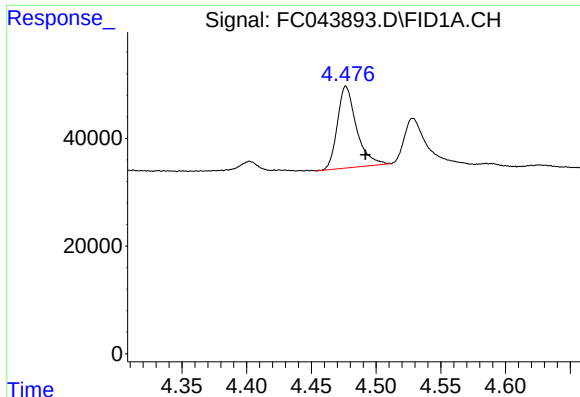
(m)=manual int.

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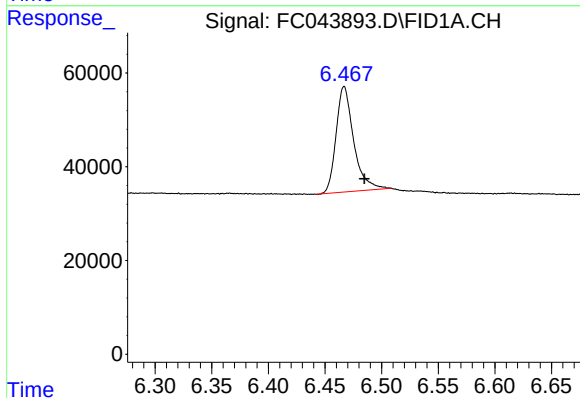
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





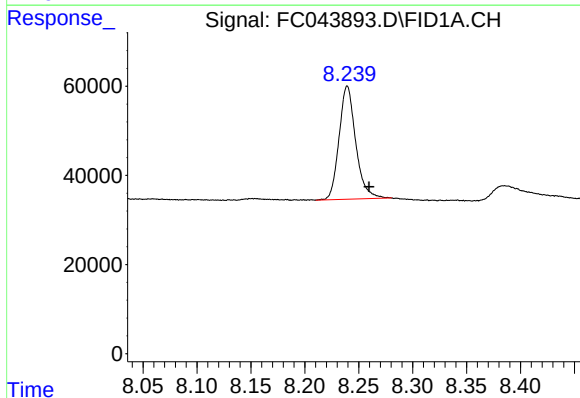
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.015 min
Response: 155970
Conc: 1.29 ug/ml



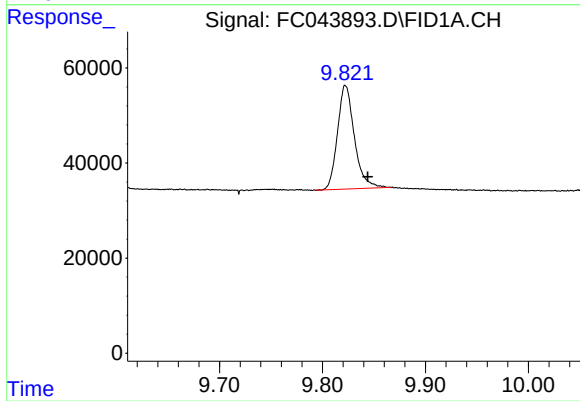
#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.018 min
Response: 243183
Conc: 1.92 ug/ml



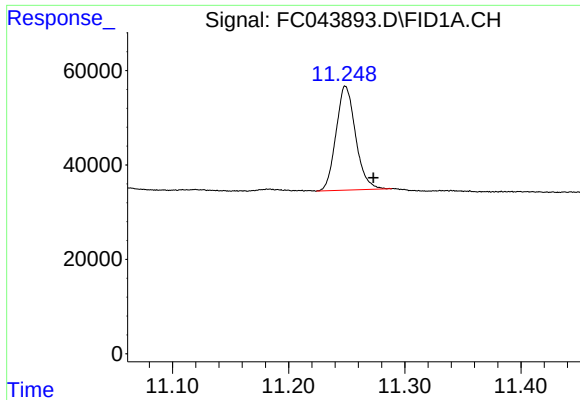
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.020 min
Response: 272802
Conc: 2.12 ug/ml



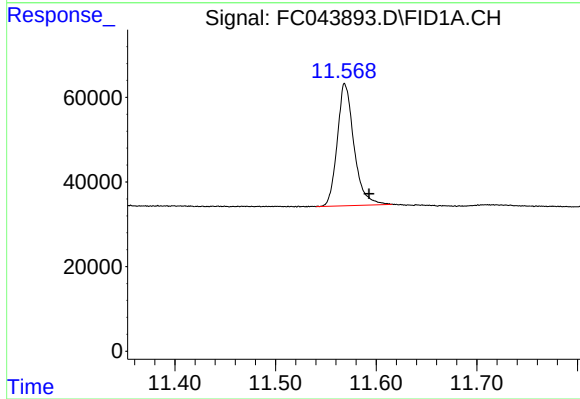
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.022 min
Response: 249432
Conc: 1.89 ug/ml



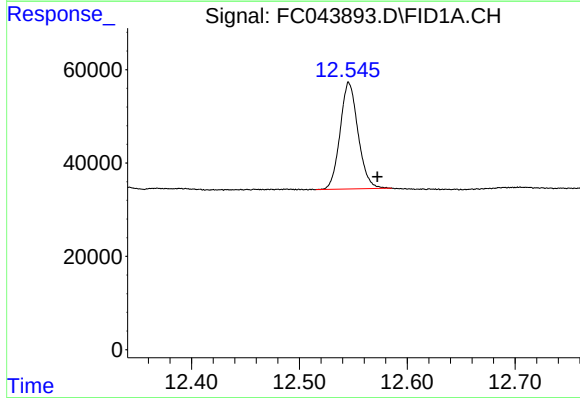
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.024 min
Response: 257715
Conc: 1.89 ug/ml



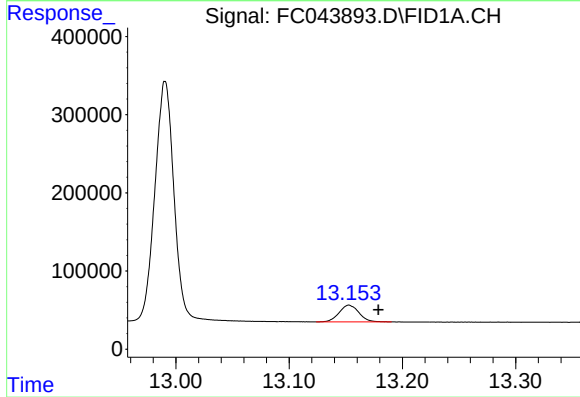
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.024 min
Response: 332984
Conc: 2.19 ug/ml



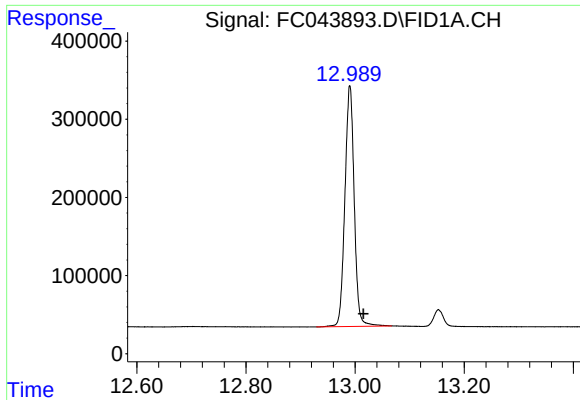
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: -0.026 min
Response: 264329
Conc: 1.89 ug/ml



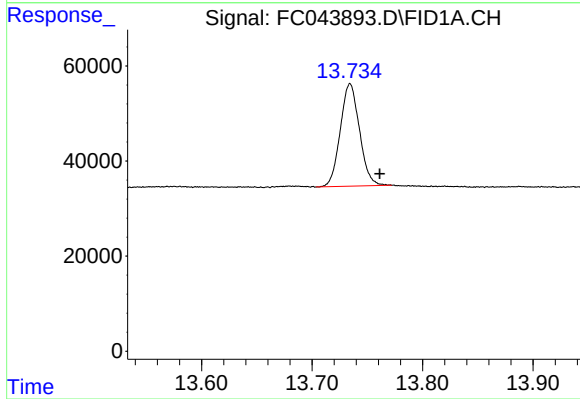
#11 n-Heneicosane (C21)

R.T.: 13.153 min
Delta R.T.: -0.026 min
Response: 259906
Conc: 1.83 ug/ml



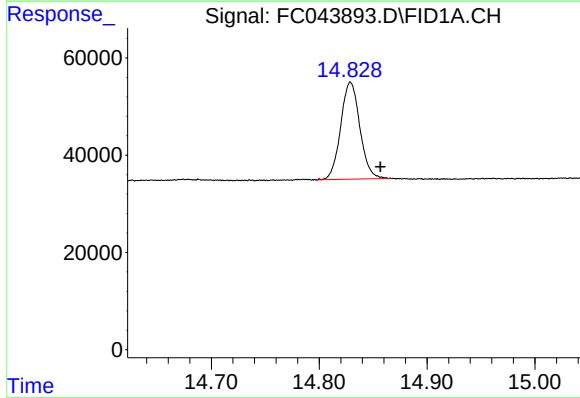
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.025 min
Response: 3648668
Conc: 30.77 ug/ml



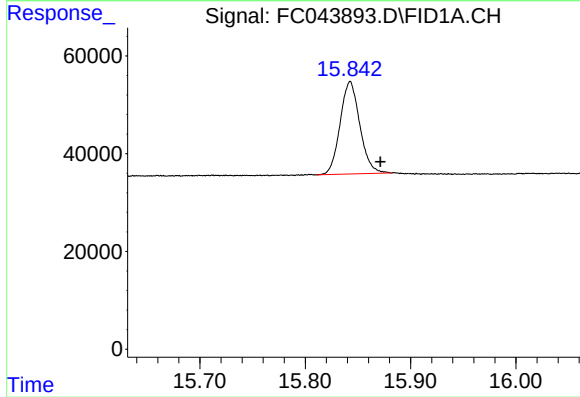
#13 n-Docosane (C22)

R.T.: 13.734 min
Delta R.T.: -0.027 min
Response: 260330
Conc: 1.83 ug/ml



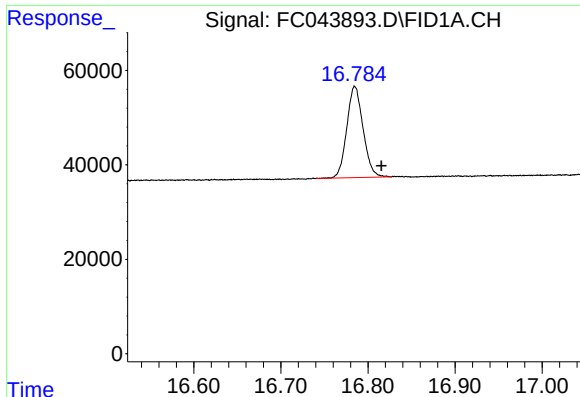
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.028 min
Response: 245944
Conc: 1.71 ug/ml



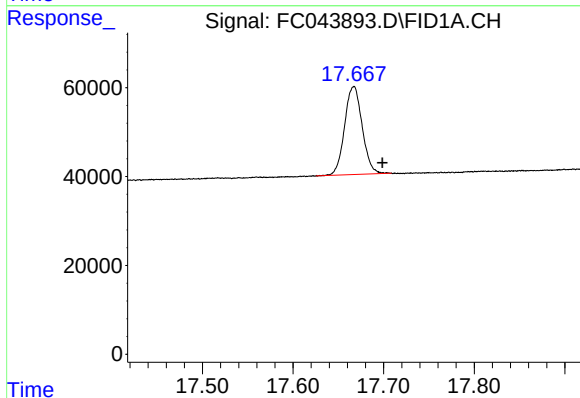
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.029 min
Response: 245591
Conc: 1.72 ug/ml



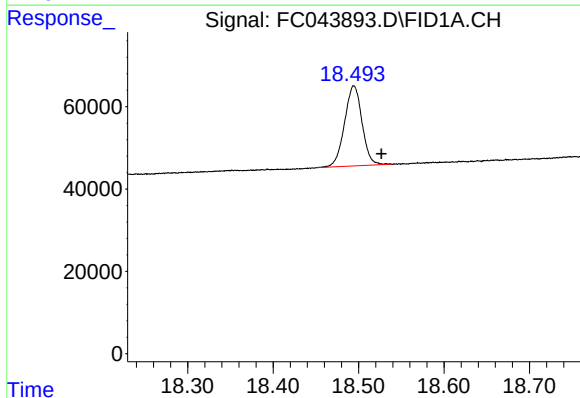
#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: -0.031 min
Response: 250926
Conc: 1.77 ug/ml



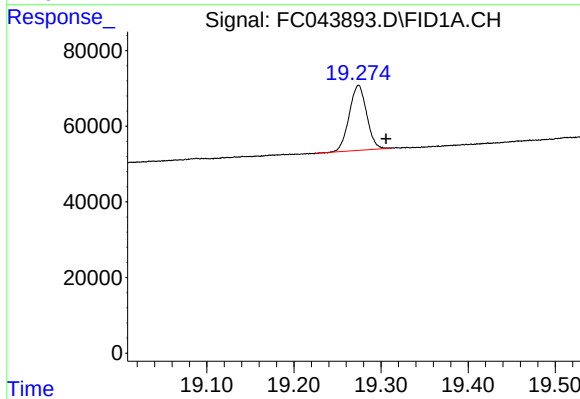
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: -0.032 min
Response: 266741
Conc: 1.90 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: -0.032 min
Response: 275446
Conc: 2.07 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: -0.032 min
Response: 238740
Conc: 1.91 ug/ml