

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090619AL\
 Data File : FC043361.D
 Signal(s) : FID1A.CH
 Acq On : 06 Sep 2019 22:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 07 00:48:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.612	2837254	19.816 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.033	2129617	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
Target Compounds			
1) T n-Nonane (C9)	3.448	2640236	22.168 ug/ml
2) T n-Decane (C10)	4.503	2701525	22.719 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2752677	22.566 ug/ml
4) T n-Dodecane (C12)	6.499	2756226	22.529 ug/ml
5) T A~2-methylnaphthalene...	7.130	2782947	22.671 ug/ml
6) T n-Tetradecane (C14)	8.276	2724737	22.042 ug/ml
7) T n-Hexadecane (C16)	9.862	2692173	21.594 ug/ml
8) T n-Octadecane (C18)	11.291	2645363	20.797 ug/ml
10) T n-Eicosane (C20)	12.591	2569604	20.015 ug/ml
11) T n-Heneicosane (C21)	13.198	2544570	19.648 ug/ml
13) T n-Docosane (C22)	13.780	2488186	19.369 ug/ml
14) T n-Tetracosane (C24)	14.876	2421059	18.898 ug/ml
15) T n-Hexacosane (C26)	15.891	2352753	18.681 ug/ml
16) T n-Octacosane (C28)	16.837	2319148	18.888 ug/ml
17) T n-Tricontane (C30)	17.720	2341762	19.416 ug/ml
18) T n-Dotriacontane (C32)	18.548	2281679	20.003 ug/ml
19) T n-Tetratriacontane (C34)	19.328	2231806	20.743 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2224426	21.128 ug/ml
21) T n-Octatriacontane (C38)	20.794	2148839	22.968 ug/ml
22) T n-Tetracontane (C40)	21.692	2182060	22.585 ug/ml

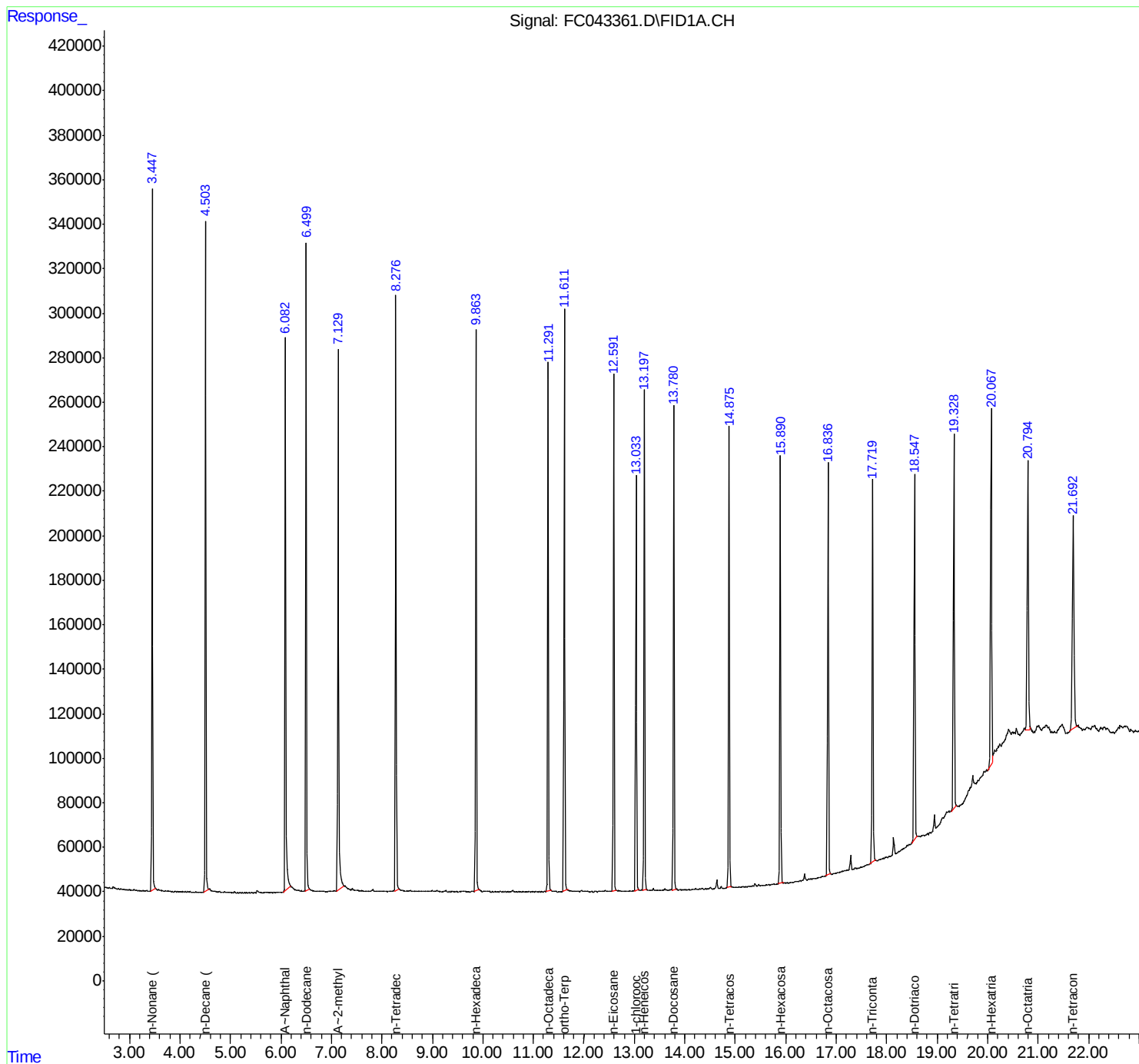
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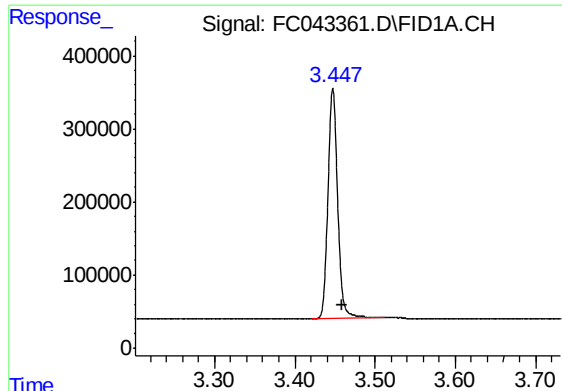
(m)=manual int.

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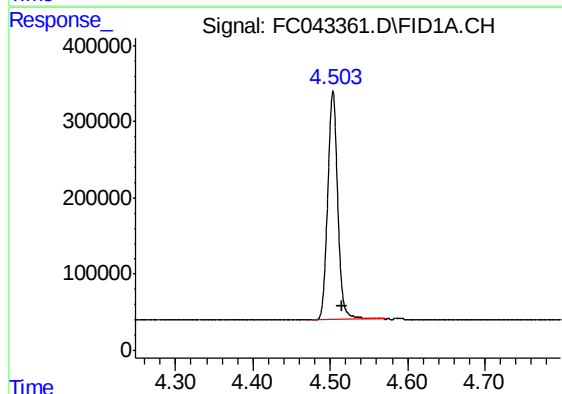
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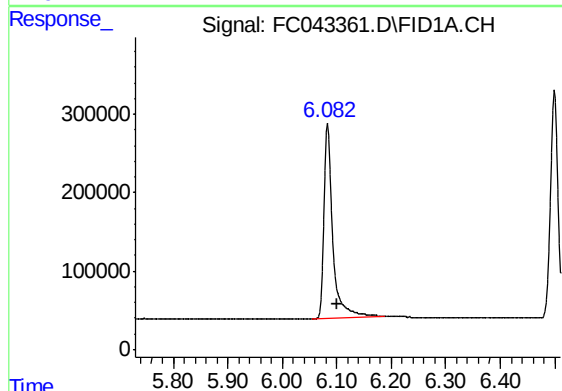
#1 n-Nonane (C9)

R.T.: 3.448 min
Delta R.T.: -0.011 min
Response: 2640236
Conc: 22.17 ug/ml



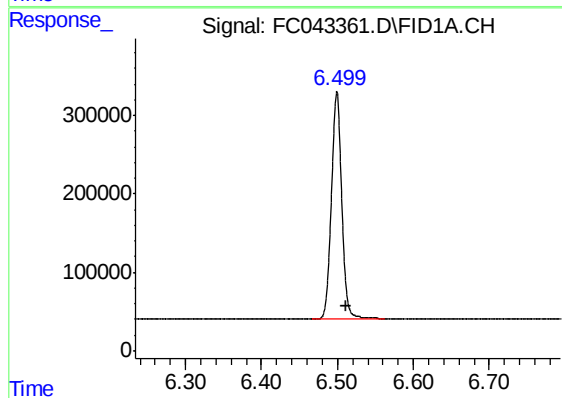
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.012 min
Response: 2701525
Conc: 22.72 ug/ml



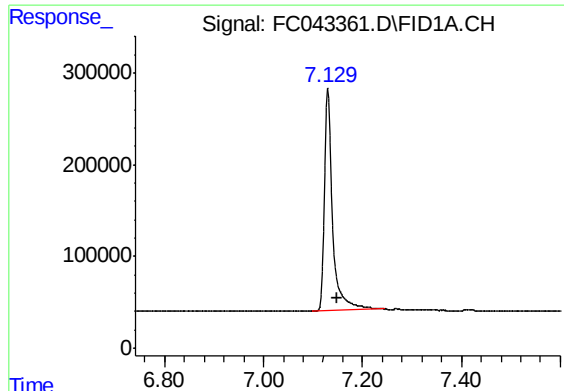
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.018 min
Response: 2752677
Conc: 22.57 ug/ml



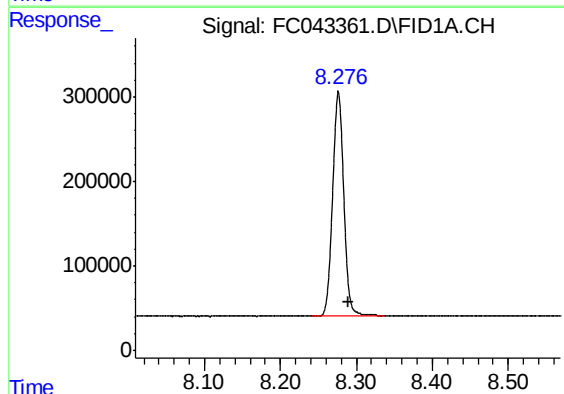
#4 n-Dodecane (C12)

R.T.: 6.499 min
Delta R.T.: -0.012 min
Response: 2756226
Conc: 22.53 ug/ml



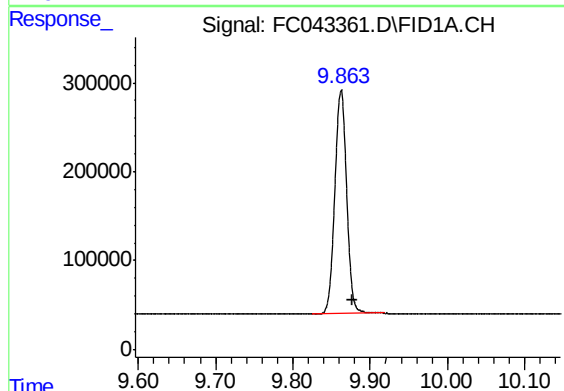
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.018 min
Response: 2782947
Conc: 22.67 ug/ml



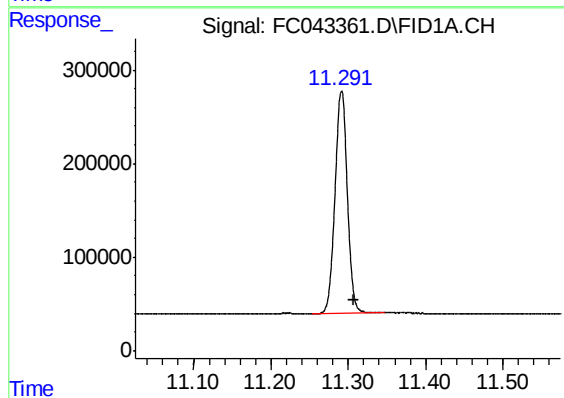
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.013 min
Response: 2724737
Conc: 22.04 ug/ml



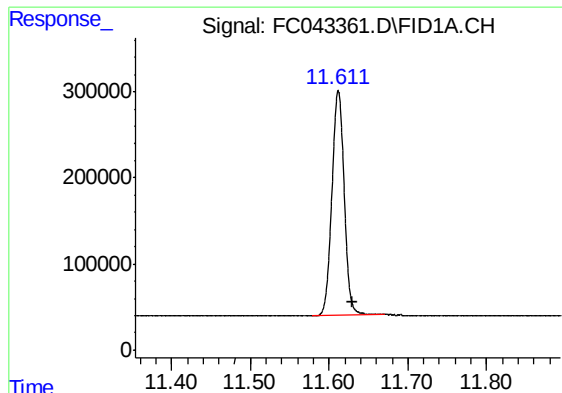
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.014 min
Response: 2692173
Conc: 21.59 ug/ml



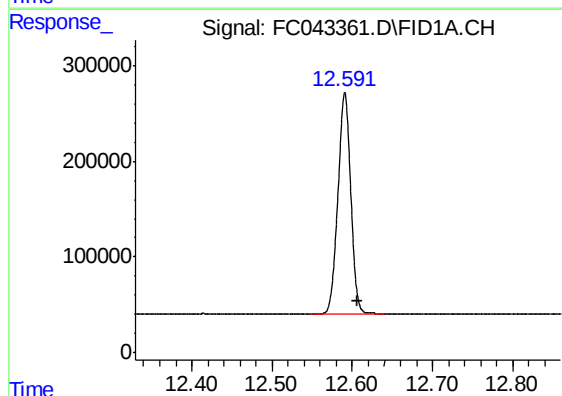
#8 n-Octadecane (C18)

R.T.: 11.291 min
Delta R.T.: -0.016 min
Response: 2645363
Conc: 20.80 ug/ml



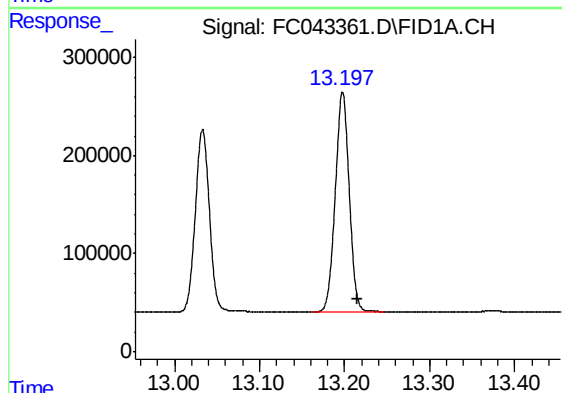
#9 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: -0.017 min
Response: 2837254
Conc: 19.82 ug/ml



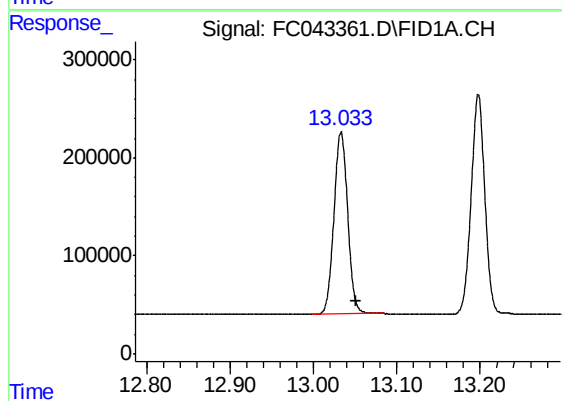
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.016 min
Response: 2569604
Conc: 20.02 ug/ml



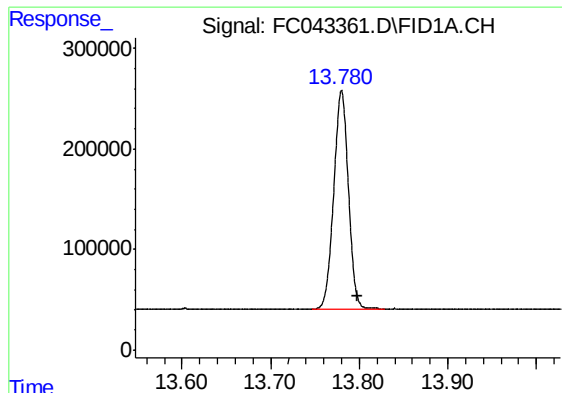
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: -0.018 min
Response: 2544570
Conc: 19.65 ug/ml



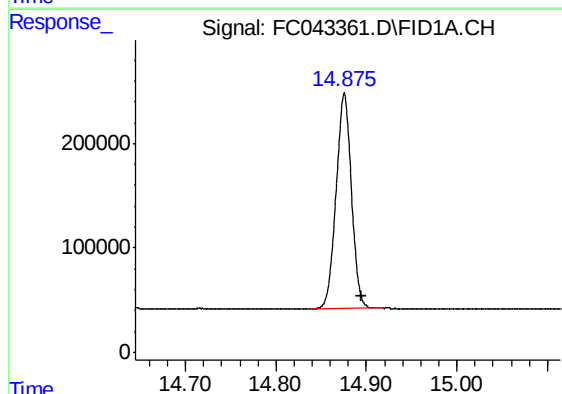
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: -0.018 min
Response: 2129617
Conc: 19.49 ug/ml



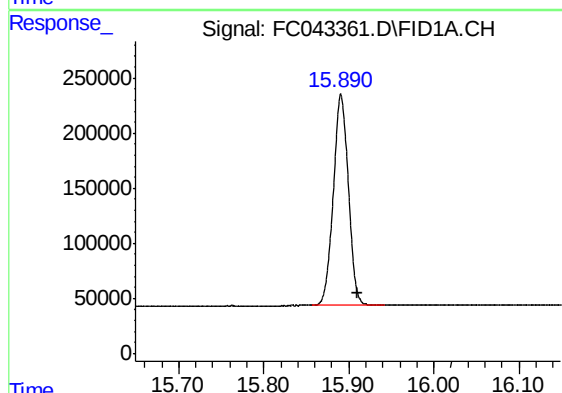
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: -0.018 min
Response: 2488186
Conc: 19.37 ug/ml



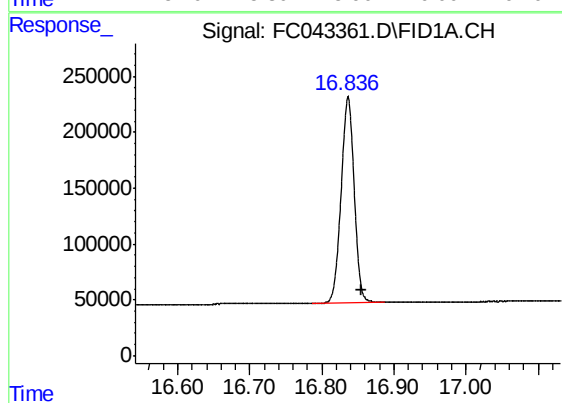
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.019 min
Response: 2421059
Conc: 18.90 ug/ml



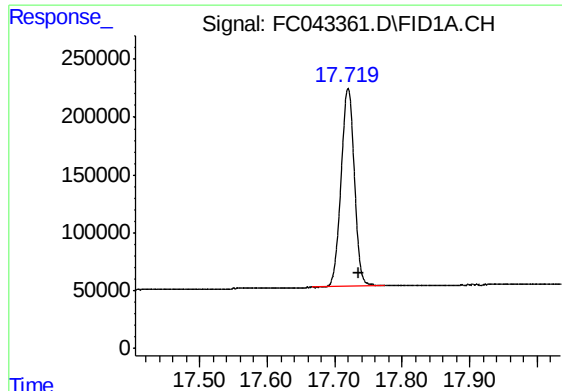
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.019 min
Response: 2352753
Conc: 18.68 ug/ml



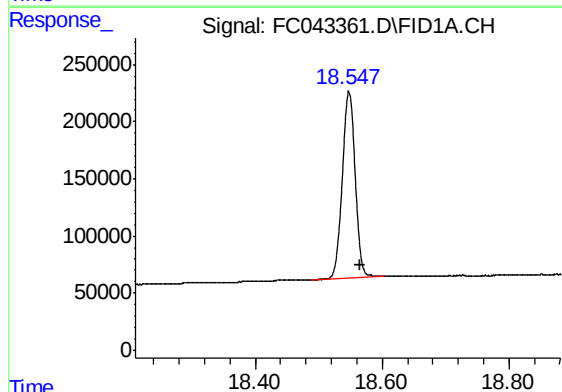
#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.018 min
Response: 2319148
Conc: 18.89 ug/ml



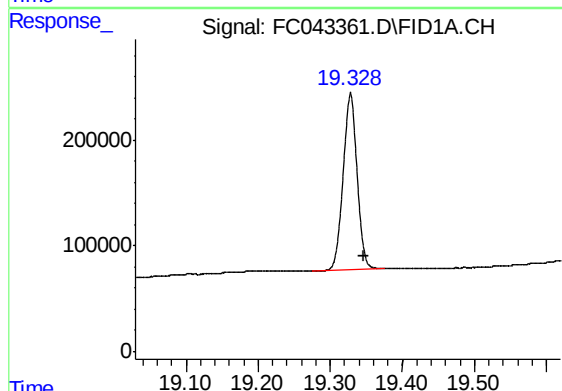
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: -0.017 min
Response: 2341762
Conc: 19.42 ug/ml



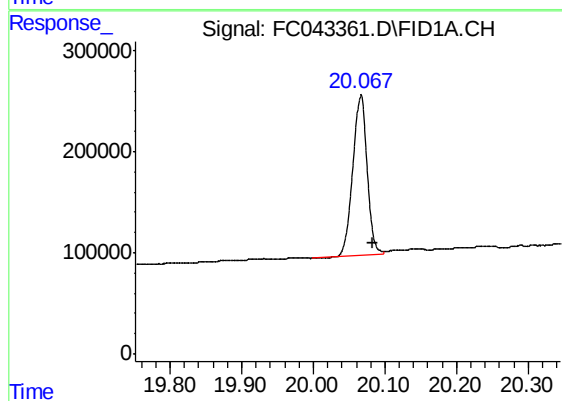
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.018 min
Response: 2281679
Conc: 20.00 ug/ml



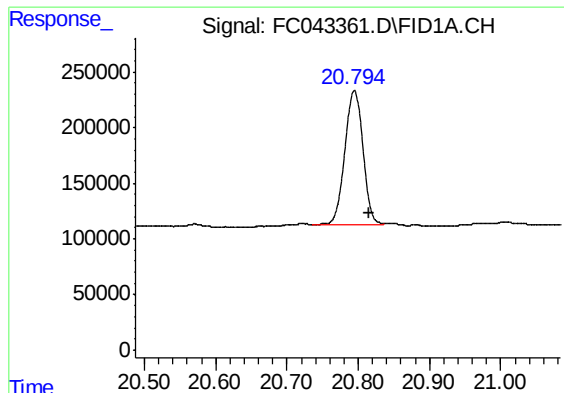
#19 n-Tetatriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.018 min
Response: 2231806
Conc: 20.74 ug/ml



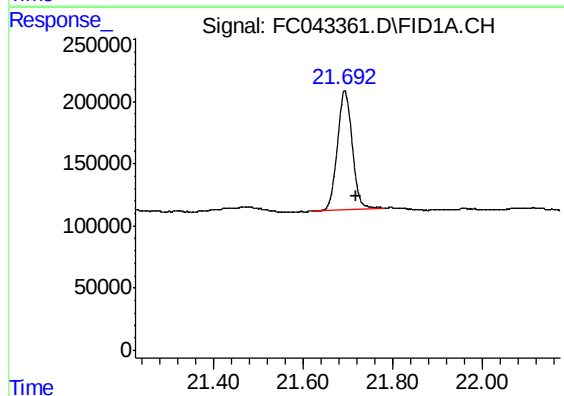
#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: -0.017 min
Response: 2224426
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.021 min
Response: 2148839
Conc: 22.97 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.027 min
Response: 2182060
Conc: 22.58 ug/ml