

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046536.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2024 16:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 05 02:30:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 Response via : Initial Calibration
 Integrator: ChemStation

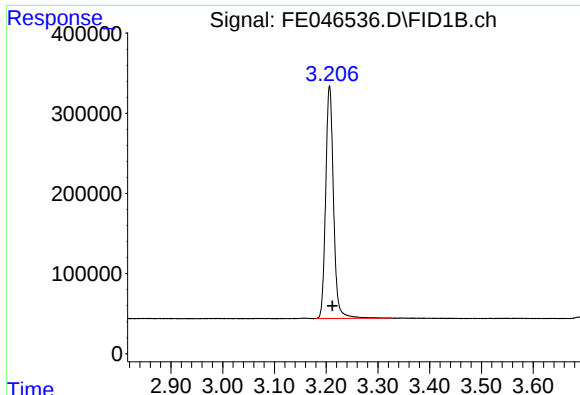
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.818	3364022	18.193 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
12) S 1-chlorooctadecane (S...	13.260	2544995	17.888 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.207	3072130	19.019 ug/ml
2) T n-Decane (C10)	4.457	3191030	19.471 ug/ml
3) T A~Naphthalene (C11.7)	6.161	3307962	19.345 ug/ml
4) T n-Dodecane (C12)	6.624	3219128	19.461 ug/ml
5) T A~2-methylnaphthalene...	7.257	3075984	19.286 ug/ml
6) T n-Tetradecane (C14)	8.451	3147742	19.206 ug/ml
7) T n-Hexadecane (C16)	10.060	3210784	18.790 ug/ml
8) T n-Octadecane (C18)	11.504	3231839	18.538 ug/ml
10) T n-Eicosane (C20)	12.814	3076011	18.117 ug/ml
11) T n-Heneicosane (C21)	13.427	3000414	17.989 ug/ml
13) T n-Docosane (C22)	14.014	2970840	17.933 ug/ml
14) T n-Tetracosane (C24)	15.118	2921132	17.704 ug/ml
15) T n-Hexacosane (C26)	16.142	2865537	17.754 ug/ml
16) T n-Octacosane (C28)	17.093	2824141	17.990 ug/ml
17) T n-Tricontane (C30)	17.981	2861392	18.268 ug/ml
18) T n-Dotriacontane (C32)	18.816	2784249	18.419 ug/ml
19) T n-Tetratriacontane (C34)	19.602	2621535	18.483 ug/ml
20) T n-Hexatriacontane (C36)	20.345	2424139	17.587 ug/ml
21) T n-Octatriacontane (C38)	21.071	2360739	18.415 ug/ml
22) T n-Tetracontane (C40)	21.967	2261913	18.090 ug/ml

(f)=RT Delta > 1/2 Window

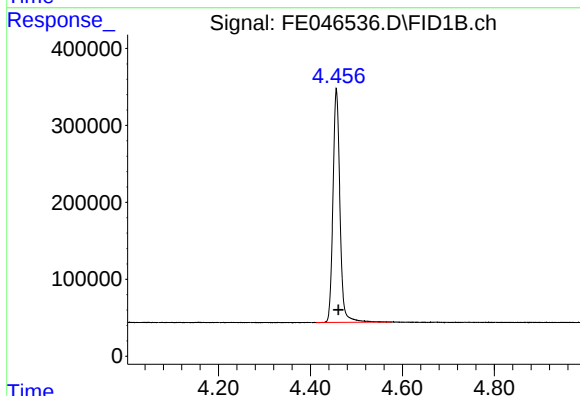
(m)=manual int.



#1 n-Nonane (C9)

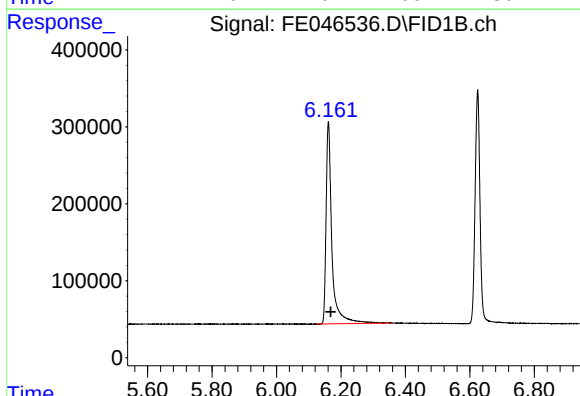
R.T.: 3.207 min
Delta R.T.: -0.005 min
Response: 3072130
Conc: 19.02 ug/ml

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20 PPM ALIPHATIC HC STD



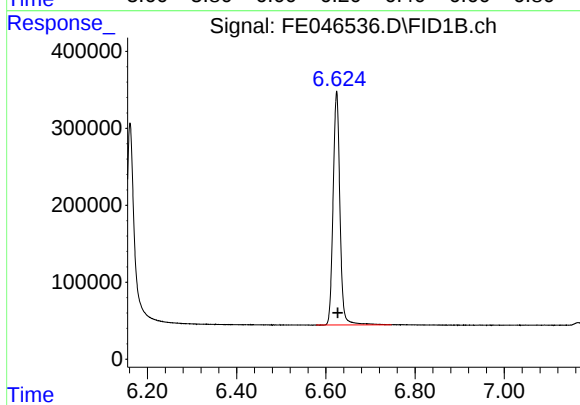
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.004 min
Response: 3191030
Conc: 19.47 ug/ml



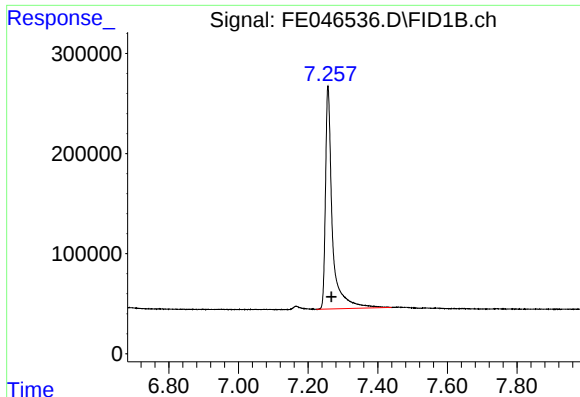
#3 A~Naphthalene (C11.7)

R.T.: 6.161 min
Delta R.T.: -0.007 min
Response: 3307962
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

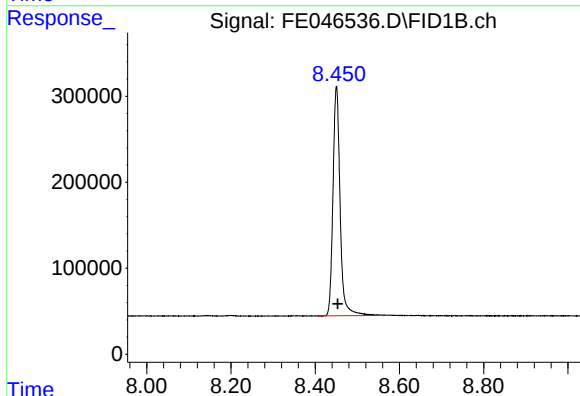
R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 3219128
Conc: 19.46 ug/ml



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

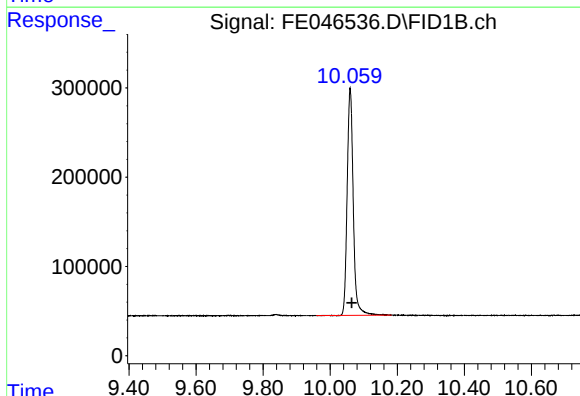
R.T.: 7.257 min
Delta R.T.: -0.010 min
Response: 3075984
Conc: 19.29 ug/ml

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20 PPM ALIPHATIC HC STD



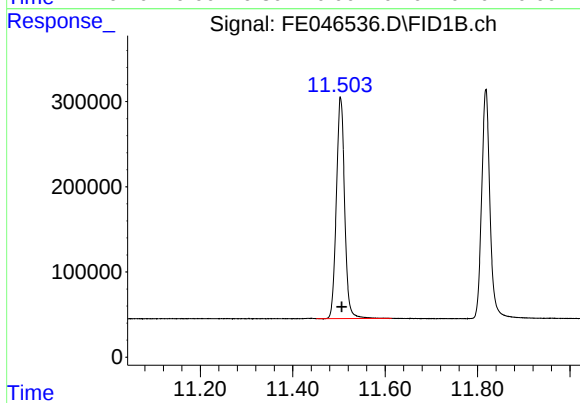
#6 n-Tetradecane (C14)

R.T.: 8.451 min
Delta R.T.: -0.003 min
Response: 3147742
Conc: 19.21 ug/ml



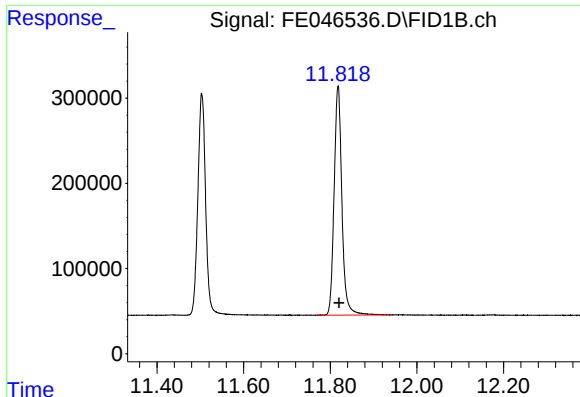
#7 n-Hexadecane (C16)

R.T.: 10.060 min
Delta R.T.: -0.004 min
Response: 3210784
Conc: 18.79 ug/ml



#8 n-Octadecane (C18)

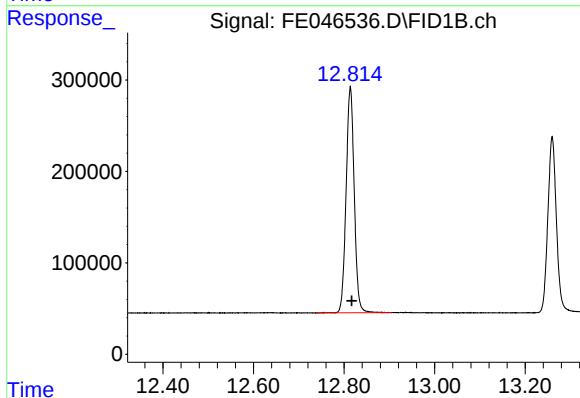
R.T.: 11.504 min
Delta R.T.: -0.003 min
Response: 3231839
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

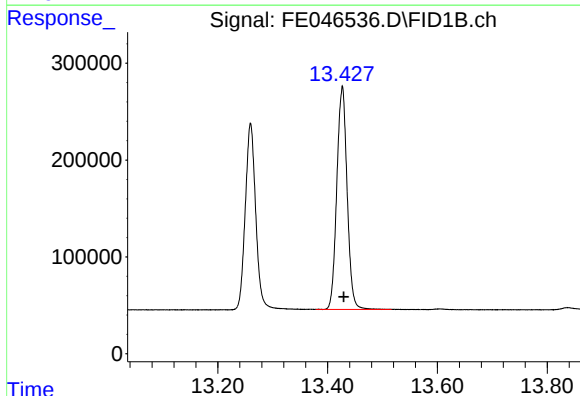
R.T.: 11.818 min
Delta R.T.: -0.002 min
Response: 3364022
Conc: 18.19 ug/ml

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20 PPM ALIPHATIC HC STD



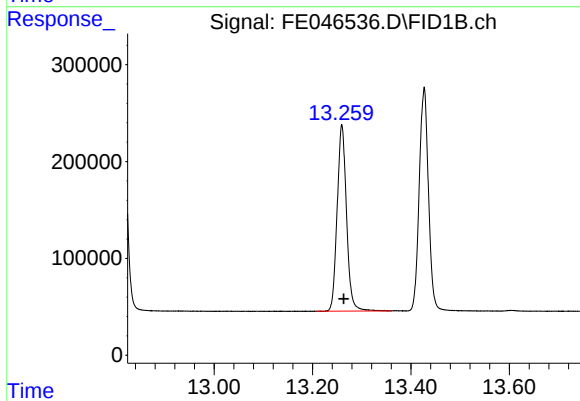
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.003 min
Response: 3076011
Conc: 18.12 ug/ml



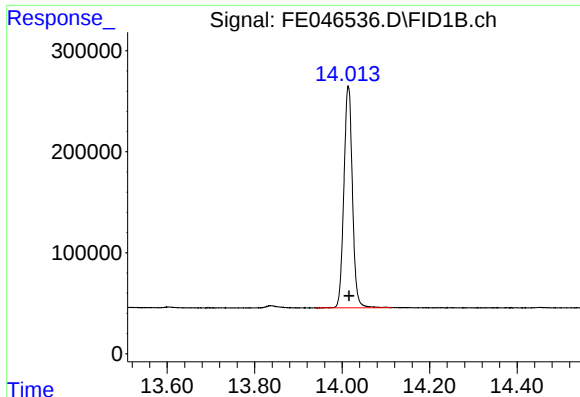
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: -0.002 min
Response: 3000414
Conc: 17.99 ug/ml



#12 1-chlorooctadecane (SURR)

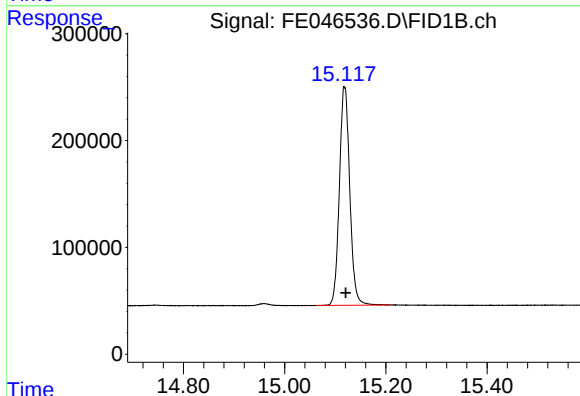
R.T.: 13.260 min
Delta R.T.: -0.004 min
Response: 2544995
Conc: 17.89 ug/ml



#13 n-Docosane (C22)

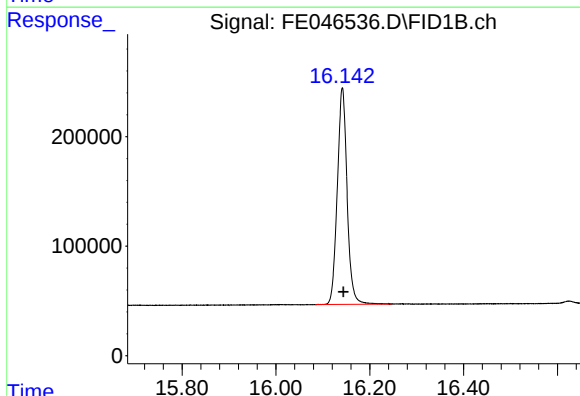
R.T.: 14.014 min
Delta R.T.: -0.002 min
Response: 2970840
Conc: 17.93 ug/ml

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20 PPM ALIPHATIC HC STD



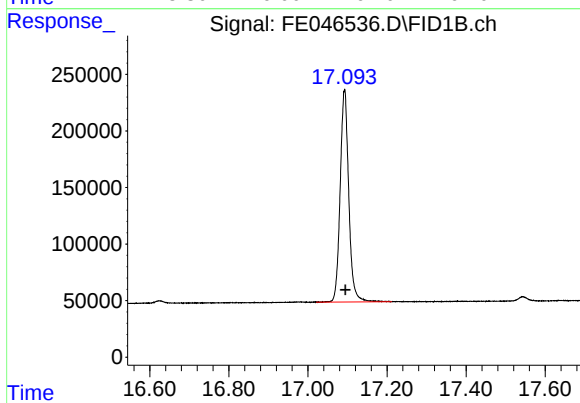
#14 n-Tetracosane (C24)

R.T.: 15.118 min
Delta R.T.: -0.003 min
Response: 2921132
Conc: 17.70 ug/ml



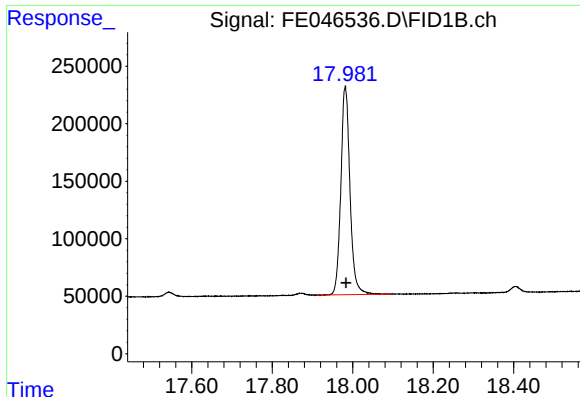
#15 n-Hexacosane (C26)

R.T.: 16.142 min
Delta R.T.: -0.002 min
Response: 2865537
Conc: 17.75 ug/ml



#16 n-Octacosane (C28)

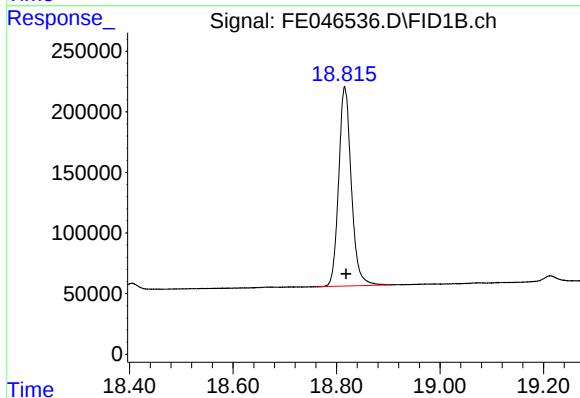
R.T.: 17.093 min
Delta R.T.: -0.002 min
Response: 2824141
Conc: 17.99 ug/ml



#17 n-Tricontane (C30)

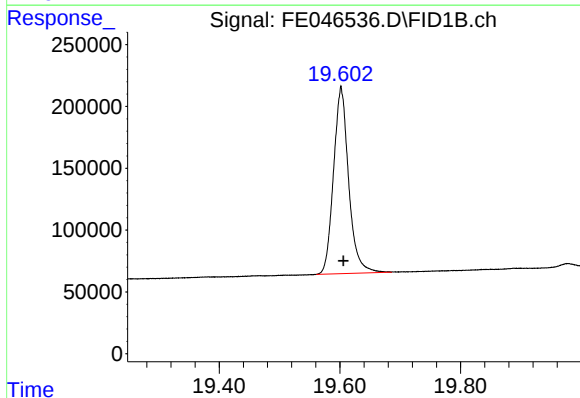
R.T.: 17.981 min
Delta R.T.: -0.002 min
Response: 2861392
Conc: 18.27 ug/ml

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20 PPM ALIPHATIC HC STD



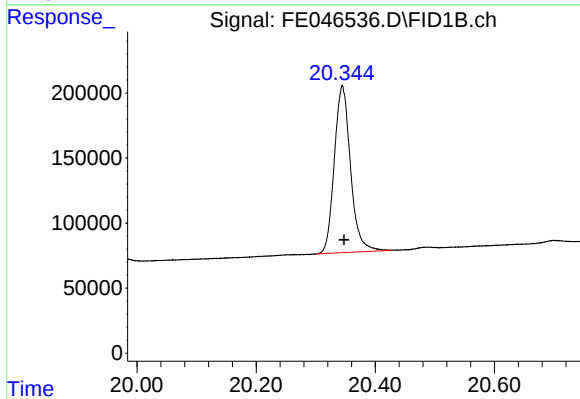
#18 n-Dotriacontane (C32)

R.T.: 18.816 min
Delta R.T.: -0.003 min
Response: 2784249
Conc: 18.42 ug/ml



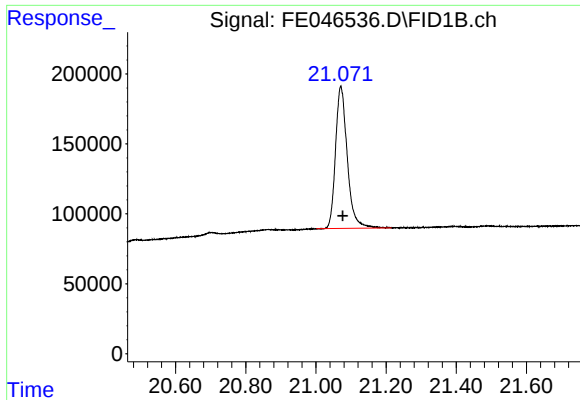
#19 n-Tetratriacontane (C34)

R.T.: 19.602 min
Delta R.T.: -0.004 min
Response: 2621535
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

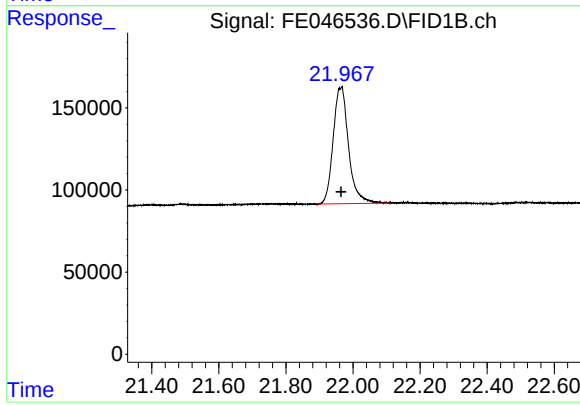
R.T.: 20.345 min
Delta R.T.: -0.003 min
Response: 2424139
Conc: 17.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.006 min
Response: 2360739
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.002 min
Response: 2261913
Conc: 18.09 ug/ml