

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051023AL\
 Data File : FE041830.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2023 09:05
 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: autoint1.e
 Quant Time: May 11 01:03:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.968	3320845	17.701 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	13.404	2440794	17.278 ug/ml
Spiked Amount 50.000		Recovery =	34.56%
Target Compounds			
1) T n-Nonane (C9)	3.348	2583926	17.578 ug/ml
2) T n-Decane (C10)	4.601	2696049	17.976 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2959372	17.883 ug/ml
4) T n-Dodecane (C12)	6.770	2720552	17.893 ug/ml
5) T A~2-methylnaphthalene...	7.403	2892915	17.941 ug/ml
6) T n-Tetradecane (C14)	8.598	2732407	17.988 ug/ml
7) T n-Hexadecane (C16)	10.206	2861267	17.930 ug/ml
8) T n-Octadecane (C18)	11.649	2933834	17.899 ug/ml
10) T n-Eicosane (C20)	12.959	2832510	17.610 ug/ml
11) T n-Heneicosane (C21)	13.571	2786134	17.482 ug/ml
13) T n-Docosane (C22)	14.158	2781462	17.457 ug/ml
14) T n-Tetracosane (C24)	15.261	2786792	17.286 ug/ml
15) T n-Hexacosane (C26)	16.281	2723081	17.224 ug/ml
16) T n-Octacosane (C28)	17.230	2726877	17.722 ug/ml
17) T n-Tricontane (C30)	18.118	2884938	18.942 ug/ml
18) T n-Dotriacontane (C32)	18.951	2875994	19.305 ug/ml
19) T n-Tetratriacontane (C34)	19.735	2753115	19.543 ug/ml
20) T n-Hexatriacontane (C36)	20.476	2562587	19.162 ug/ml
21) T n-Octatriacontane (C38)	21.226	2576226	19.497 ug/ml
22) T n-Tetracontane (C40)	22.162	2463957	19.461 ug/ml

(f)=RT Delta > 1/2 Window

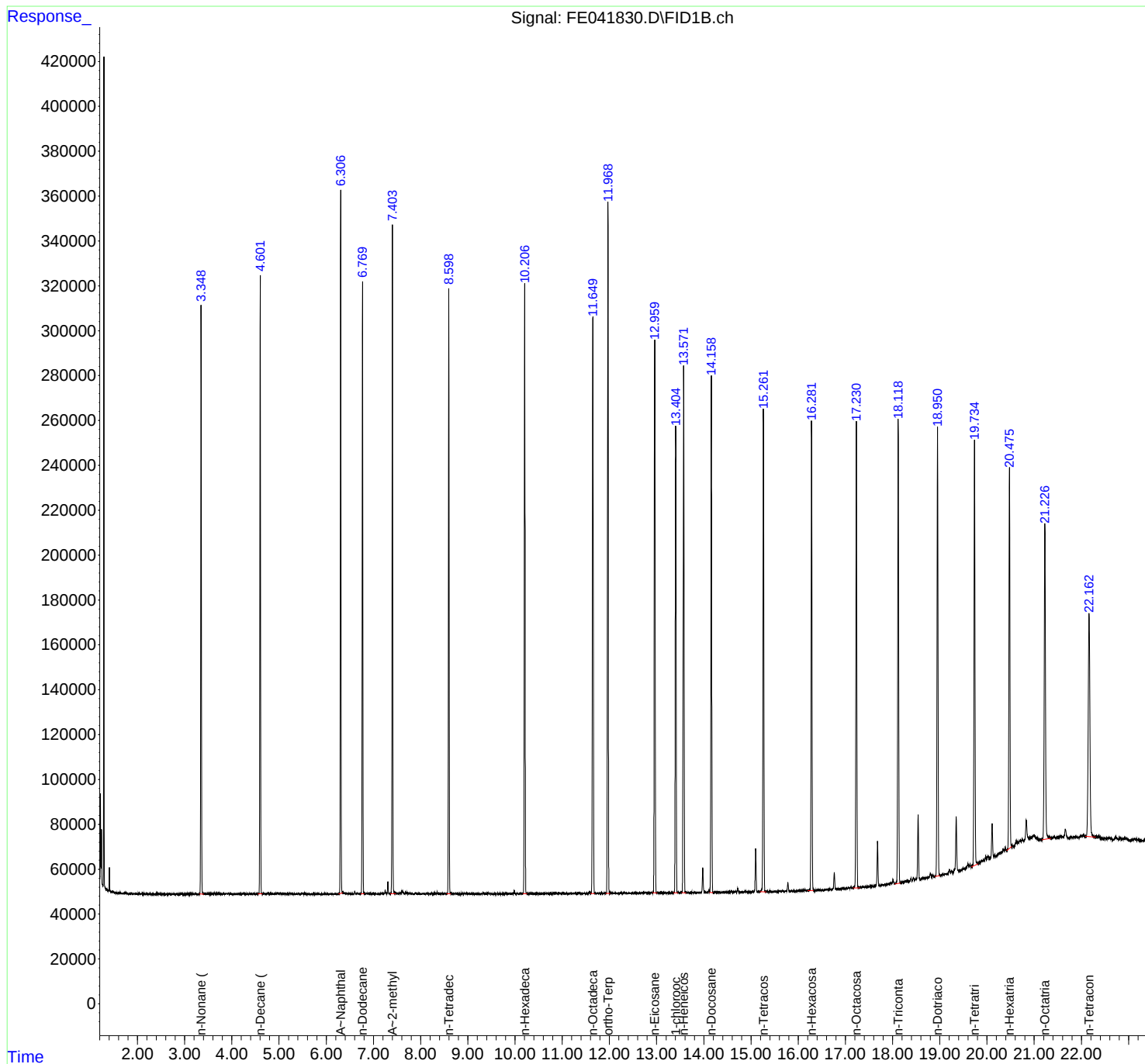
(m)=manual int.

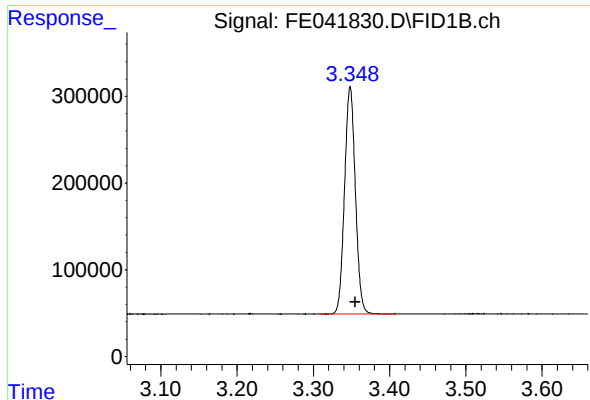
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051023AL\
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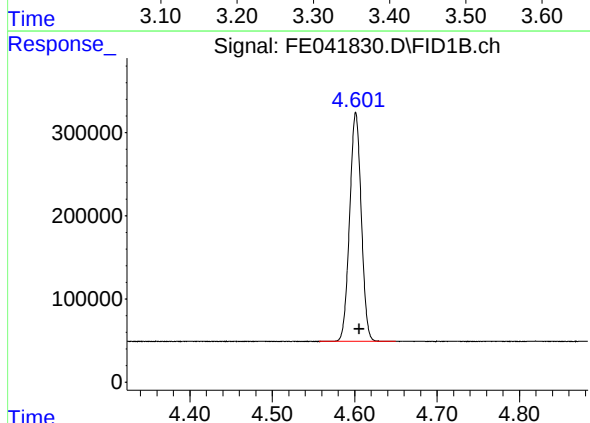




#1 n-Nonane (C9)

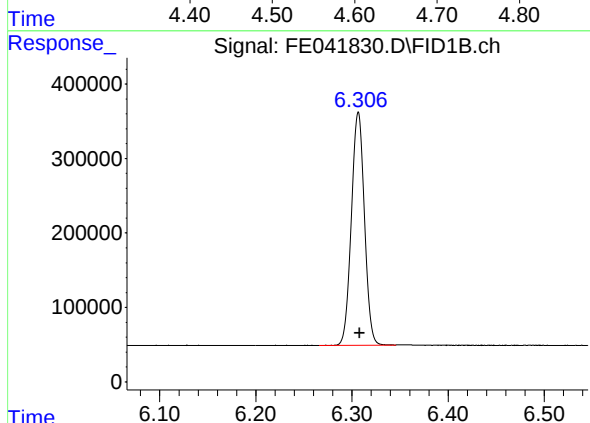
R.T.: 3.348 min
Delta R.T.: -0.007 min
Response: 2583926
Conc: 17.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



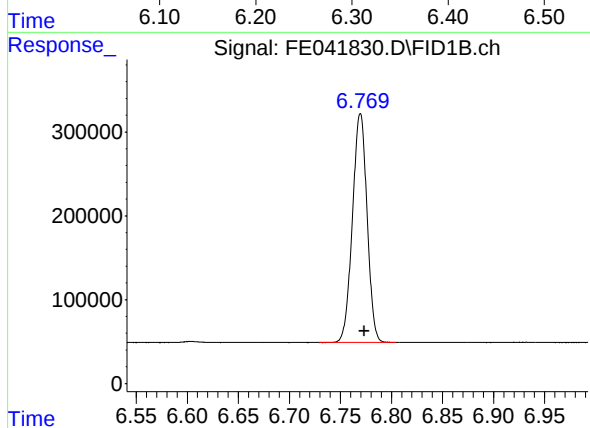
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 2696049
Conc: 17.98 ug/ml



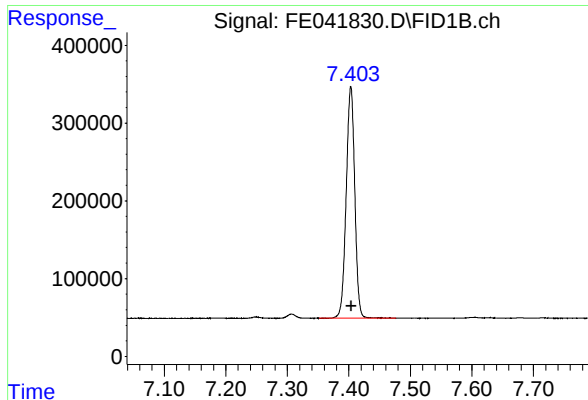
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 2959372
Conc: 17.88 ug/ml



#4 n-Dodecane (C12)

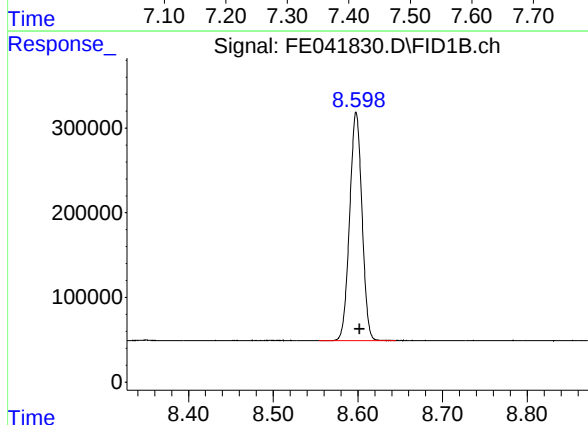
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 2720552
Conc: 17.89 ug/ml



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

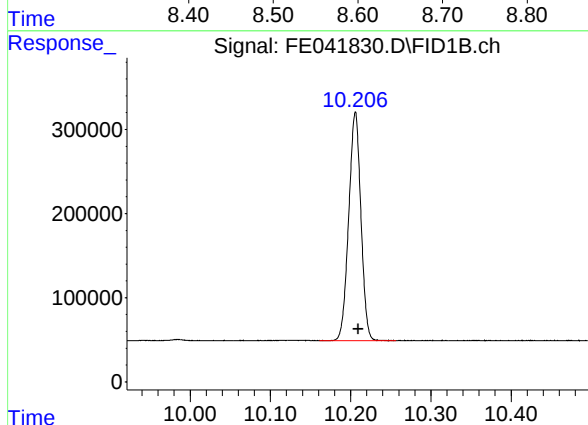
R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 2892915
Conc: 17.94 ug/ml

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20 PPM ALIPHATIC HC STD



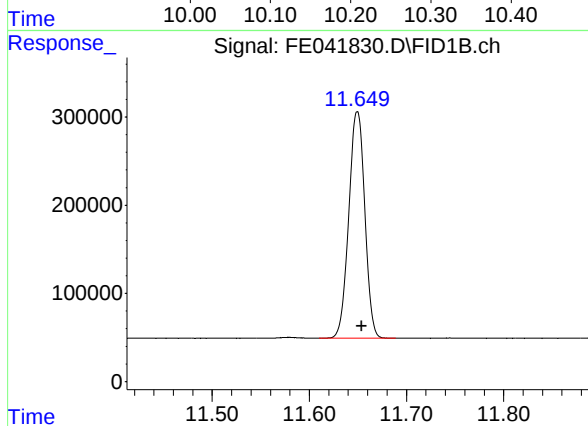
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 2732407
Conc: 17.99 ug/ml



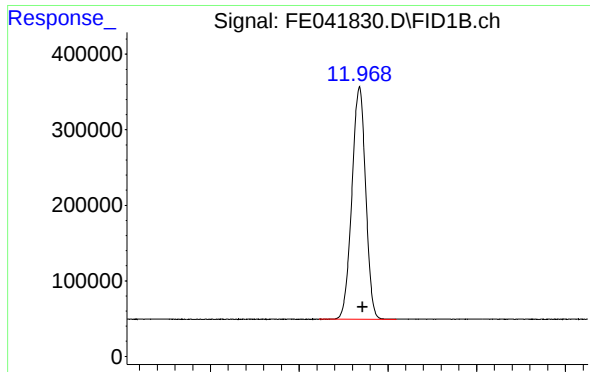
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.004 min
Response: 2861267
Conc: 17.93 ug/ml



#8 n-Octadecane (C18)

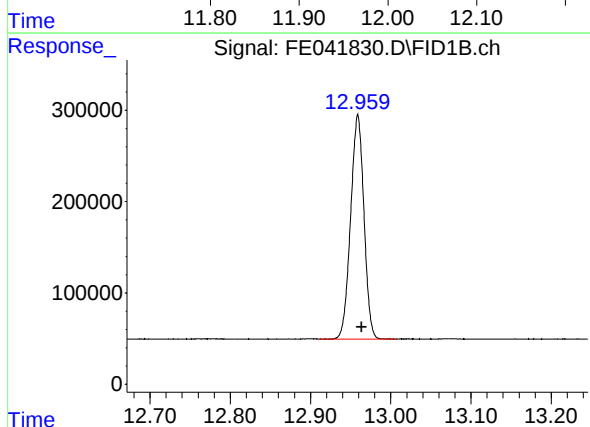
R.T.: 11.649 min
Delta R.T.: -0.004 min
Response: 2933834
Conc: 17.90 ug/ml



#9 ortho-Terphenyl (SURR)

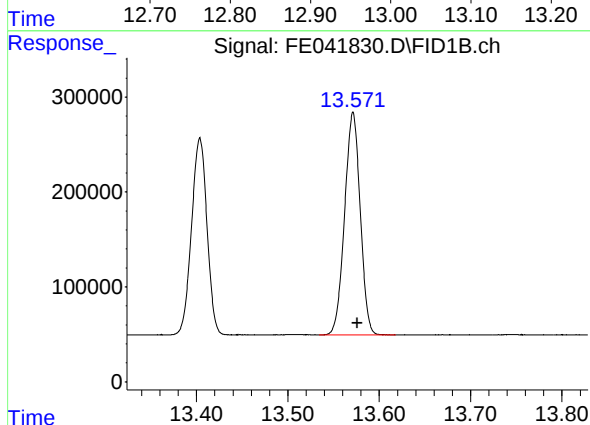
R.T.: 11.968 min
Delta R.T.: -0.004 min
Response: 3320845
Conc: 17.70 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



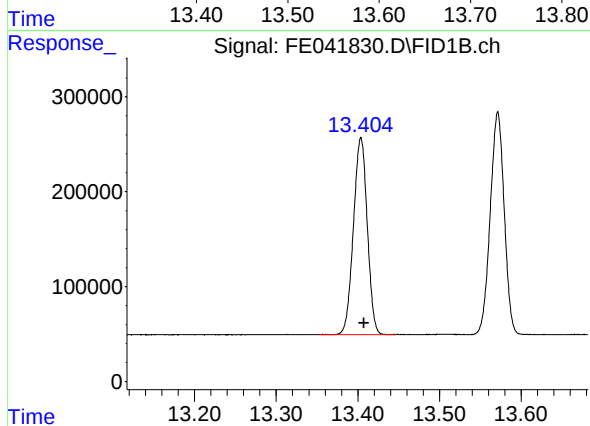
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.005 min
Response: 2832510
Conc: 17.61 ug/ml



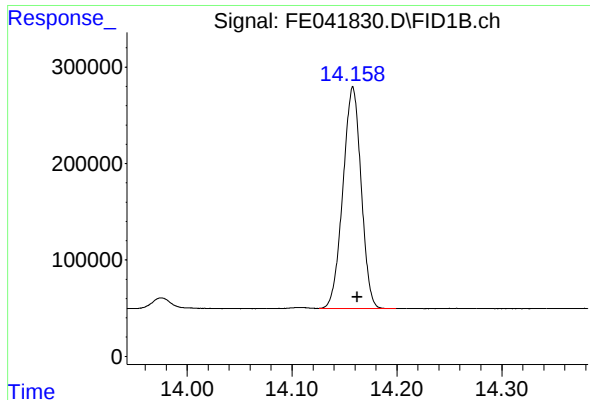
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.004 min
Response: 2786134
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

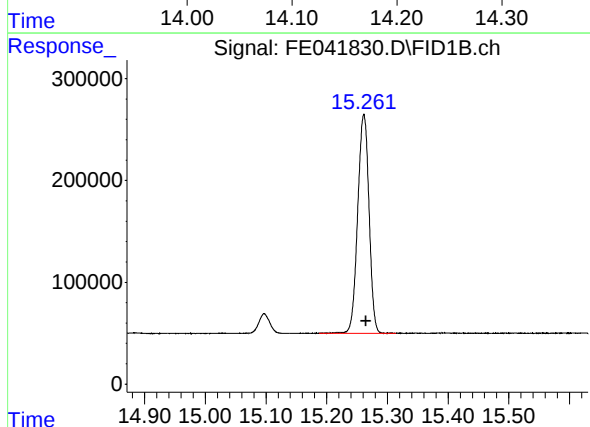
R.T.: 13.404 min
Delta R.T.: -0.004 min
Response: 2440794
Conc: 17.28 ug/ml



#13 n-Docosane (C22)

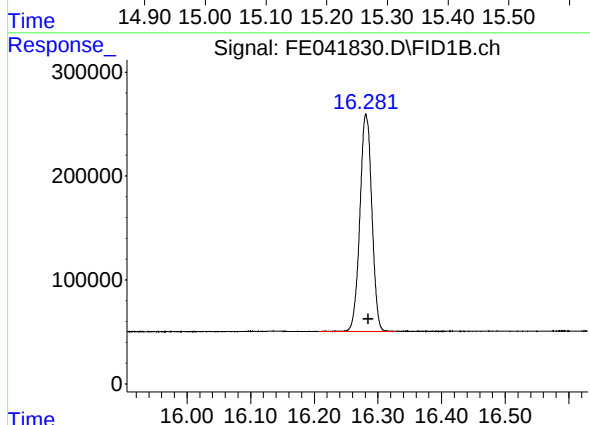
R.T.: 14.158 min
Delta R.T.: -0.004 min
Response: 2781462
Conc: 17.46 ug/ml

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20 PPM ALIPHATIC HC STD



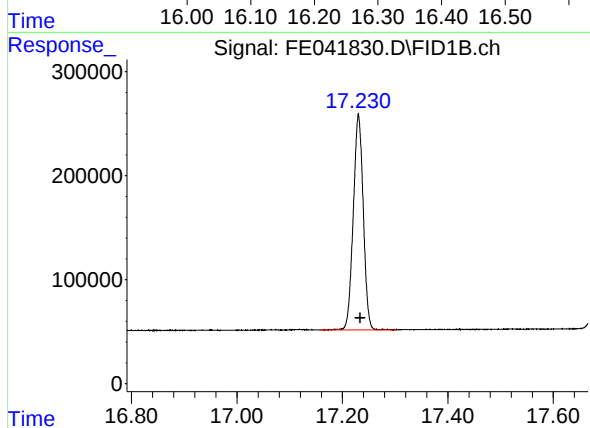
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: -0.004 min
Response: 2786792
Conc: 17.29 ug/ml



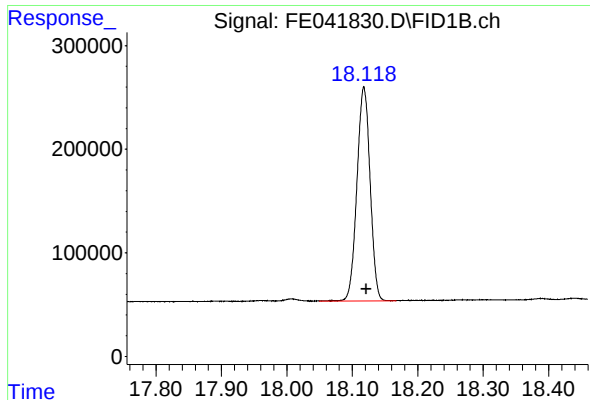
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: -0.003 min
Response: 2723081
Conc: 17.22 ug/ml



#16 n-Octacosane (C28)

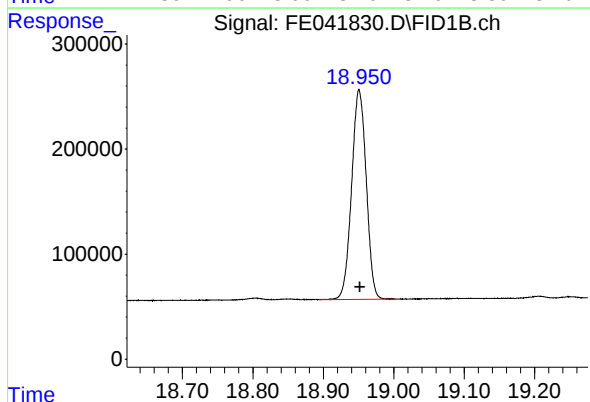
R.T.: 17.230 min
Delta R.T.: -0.004 min
Response: 2726877
Conc: 17.72 ug/ml



#17 n-Tricontane (C30)

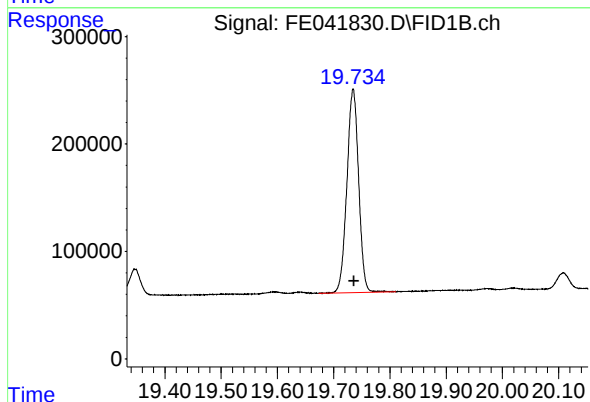
R.T.: 18.118 min
Delta R.T.: -0.004 min
Response: 2884938
Conc: 18.94 ug/ml

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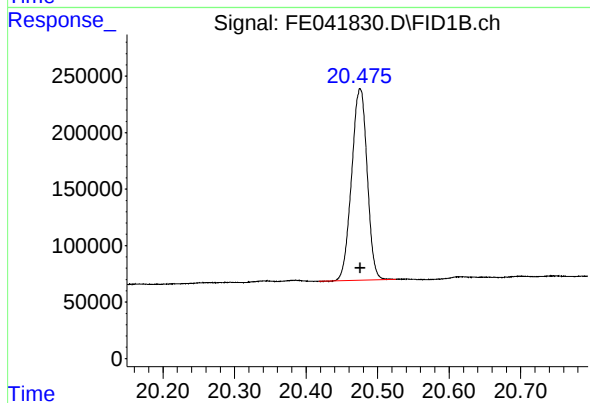
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.001 min
Response: 2875994
Conc: 19.30 ug/ml



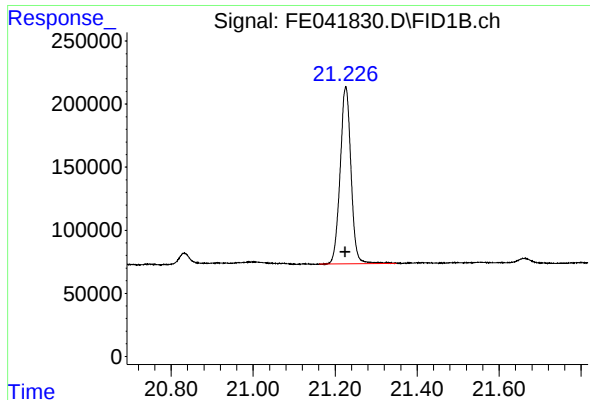
#19 n-Tetatriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.001 min
Response: 2753115
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

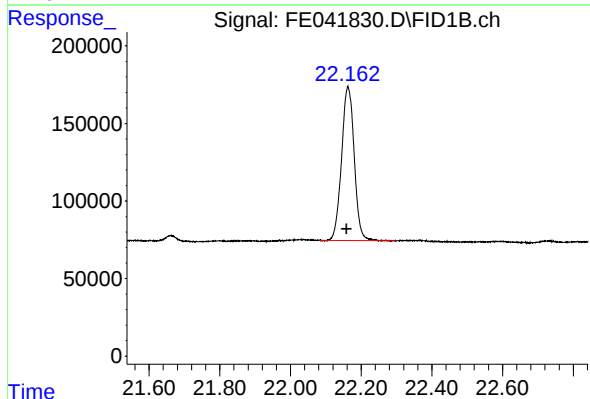
R.T.: 20.476 min
Delta R.T.: 0.000 min
Response: 2562587
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.001 min
Response: 2576226
Conc: 19.50 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.004 min
Response: 2463957
Conc: 19.46 ug/ml