

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050923AL\
 Data File : FE041805.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2023 10:32
 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 10 00:21:00 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)	11.969	3309842	17.642 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
12) S 1-chlorooctadecane (S...	13.406	2413659	17.086 ug/ml
Spiked Amount 50.000		Recovery =	34.17%
Target Compounds			
1) T n-Nonane (C9)	3.348	2599355	17.683 ug/ml
2) T n-Decane (C10)	4.601	2708012	18.056 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2970219	17.948 ug/ml
4) T n-Dodecane (C12)	6.770	2736728	18.000 ug/ml
5) T A~2-methylnaphthalene...	7.403	2897650	17.970 ug/ml
6) T n-Tetradecane (C14)	8.599	2736211	18.013 ug/ml
7) T n-Hexadecane (C16)	10.207	2854709	17.888 ug/ml
8) T n-Octadecane (C18)	11.650	2917097	17.797 ug/ml
10) T n-Eicosane (C20)	12.961	2815325	17.503 ug/ml
11) T n-Heneicosane (C21)	13.574	2776395	17.421 ug/ml
13) T n-Docosane (C22)	14.160	2766782	17.365 ug/ml
14) T n-Tetracosane (C24)	15.263	2783877	17.268 ug/ml
15) T n-Hexacosane (C26)	16.284	2719707	17.203 ug/ml
16) T n-Octacosane (C28)	17.233	2702668	17.564 ug/ml
17) T n-Tricontane (C30)	18.121	2837394	18.630 ug/ml
18) T n-Dotriacontane (C32)	18.953	2806790	18.840 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2657662	18.865 ug/ml
20) T n-Hexatriacontane (C36)	20.478	2478008	18.530 ug/ml
21) T n-Octatriacontane (C38)	21.229	2392459	18.106 ug/ml
22) T n-Tetracontane (C40)	22.166	2298215	18.152 ug/ml

(f)=RT Delta > 1/2 Window

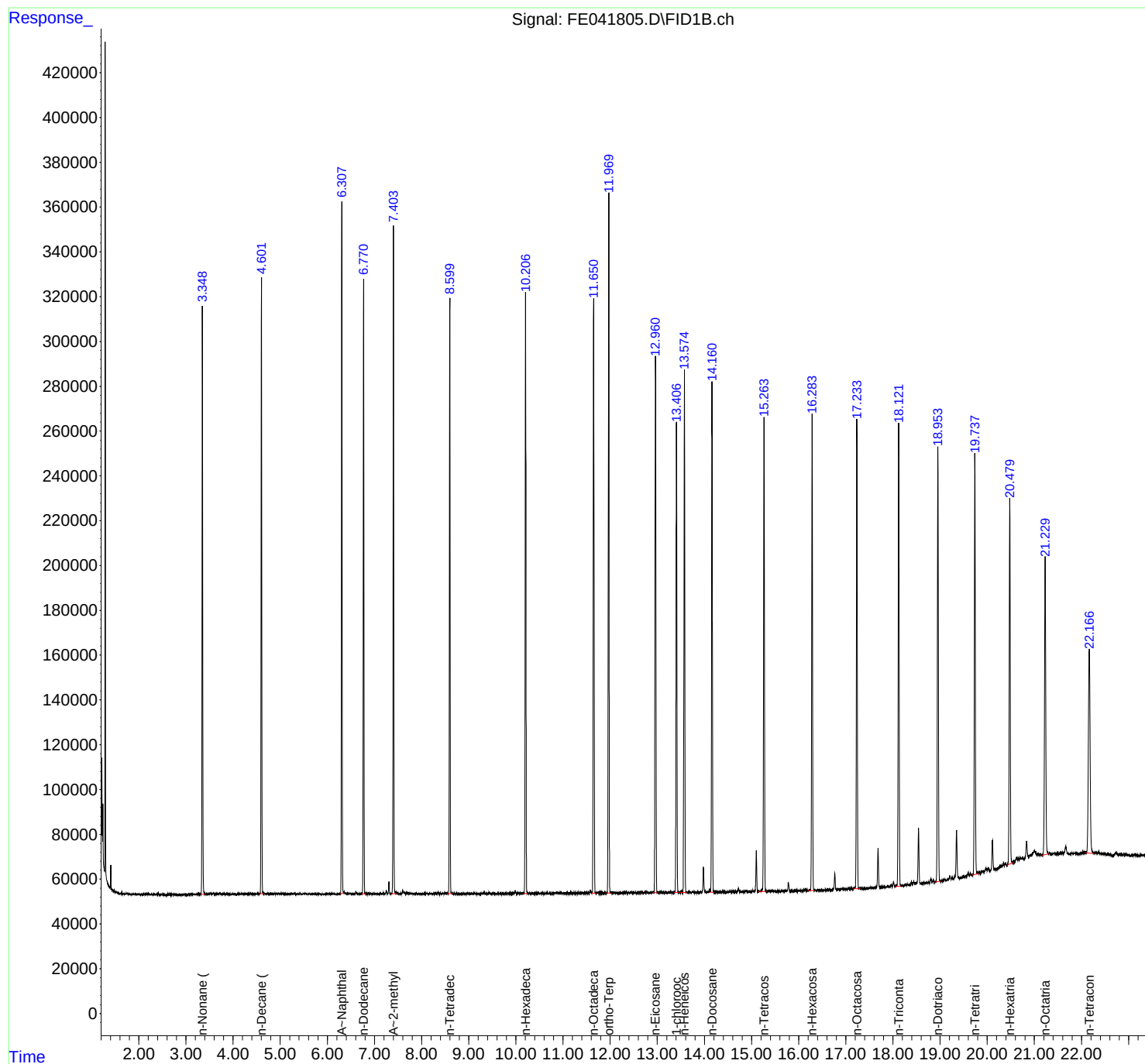
(m)=manual int.

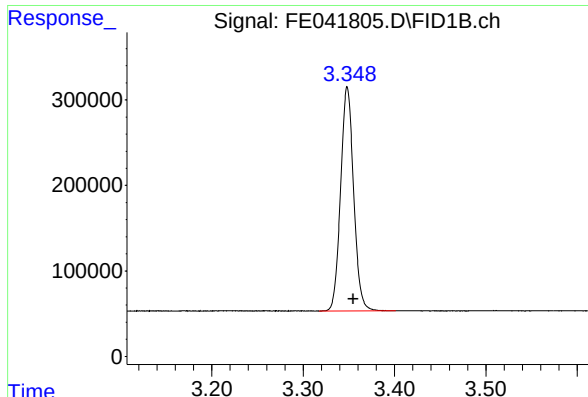
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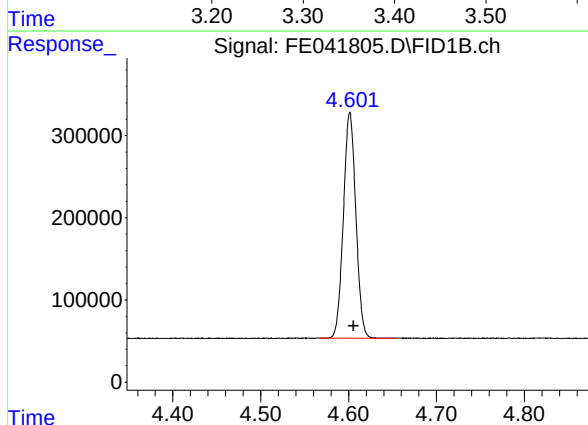




#1 n-Nonane (C9)

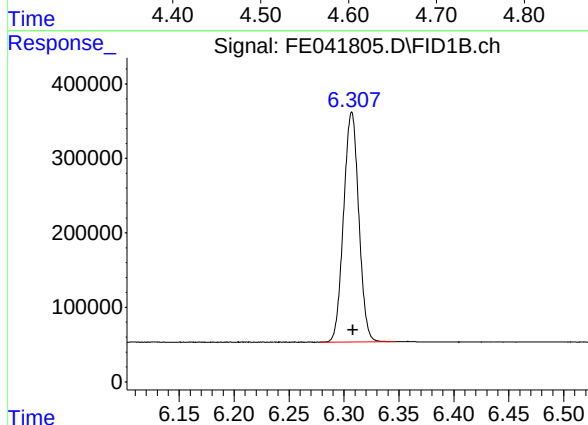
R.T.: 3.348 min
Delta R.T.: -0.007 min
Response: 2599355
Conc: 17.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



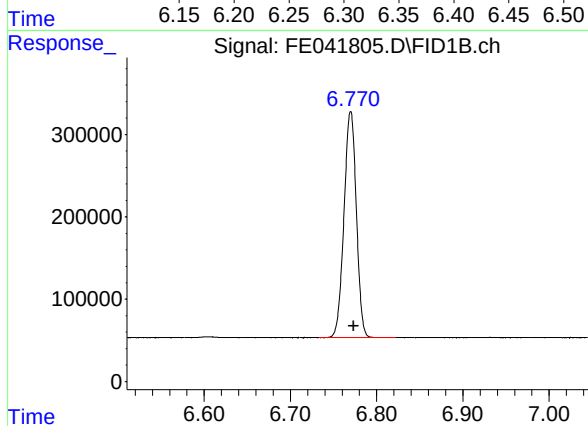
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 2708012
Conc: 18.06 ug/ml



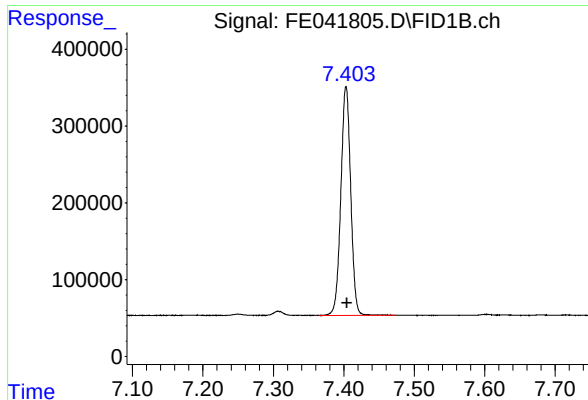
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.001 min
Response: 2970219
Conc: 17.95 ug/ml



#4 n-Dodecane (C12)

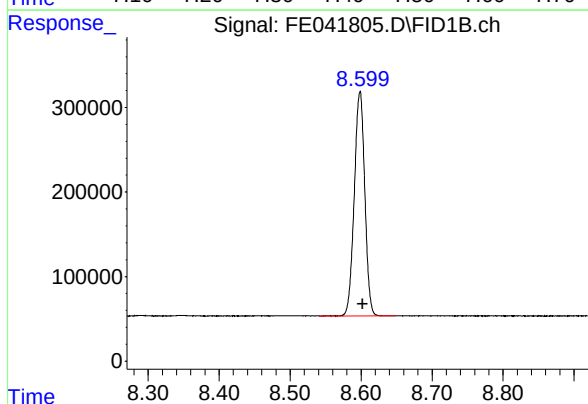
R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 2736728
Conc: 18.00 ug/ml



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

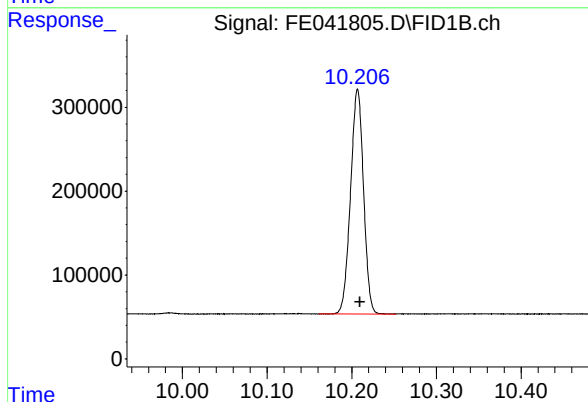
R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 2897650
Conc: 17.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



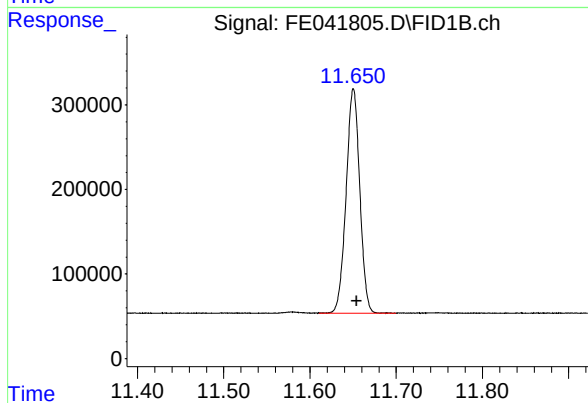
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 2736211
Conc: 18.01 ug/ml



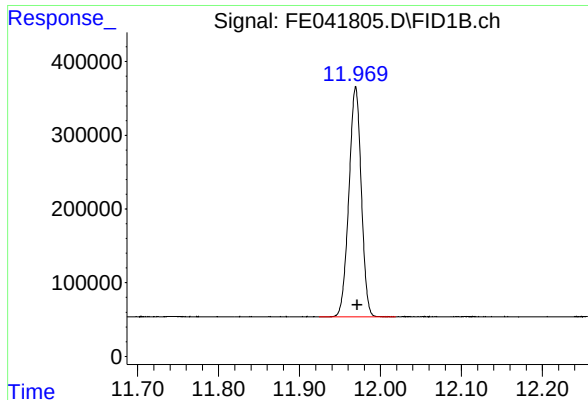
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: -0.003 min
Response: 2854709
Conc: 17.89 ug/ml



#8 n-Octadecane (C18)

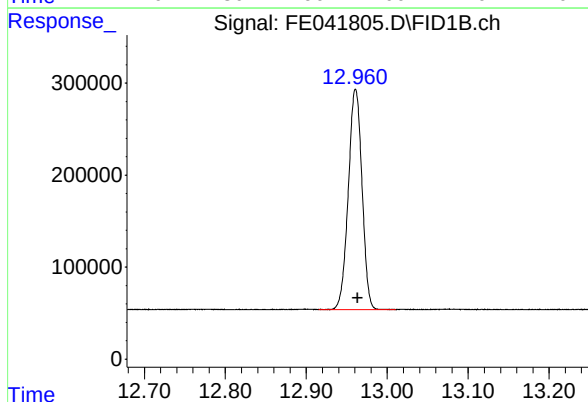
R.T.: 11.650 min
Delta R.T.: -0.003 min
Response: 2917097
Conc: 17.80 ug/ml



#9 ortho-Terphenyl (SURR)

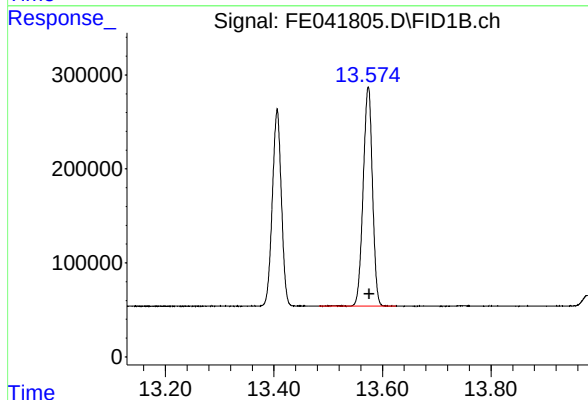
R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 3309842
Conc: 17.64 ug/ml

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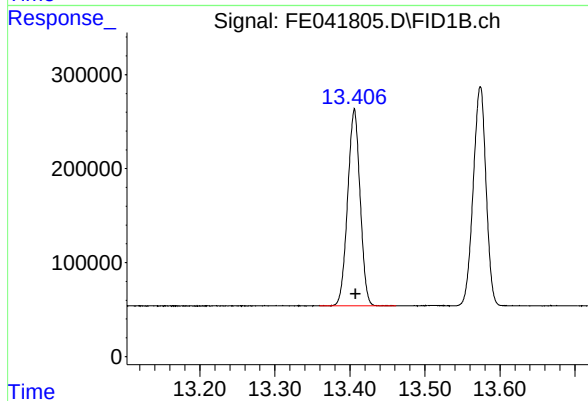
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.003 min
Response: 2815325
Conc: 17.50 ug/ml



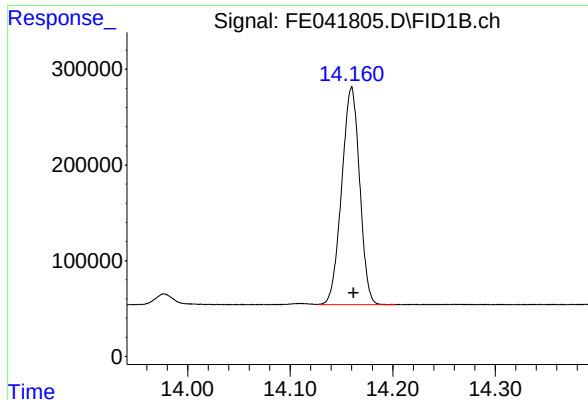
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 2776395
Conc: 17.42 ug/ml



#12 1-chlorooctadecane (SURR)

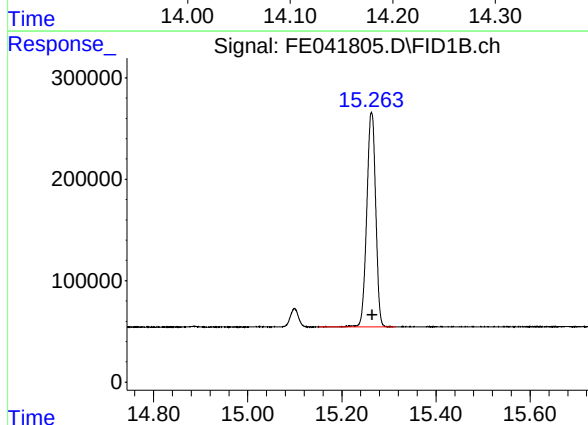
R.T.: 13.406 min
Delta R.T.: -0.001 min
Response: 2413659
Conc: 17.09 ug/ml



#13 n-Docosane (C22)

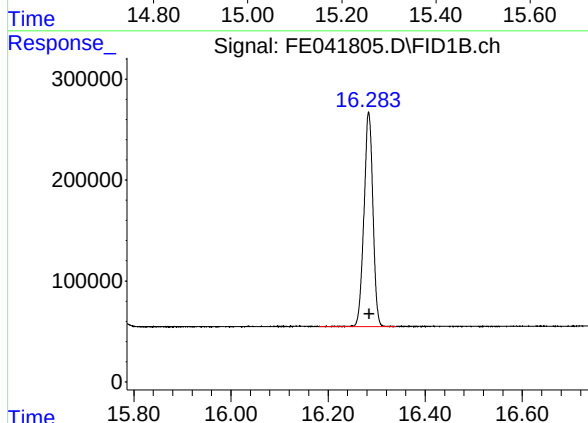
R.T.: 14.160 min
Delta R.T.: -0.002 min
Response: 2766782
Conc: 17.37 ug/ml

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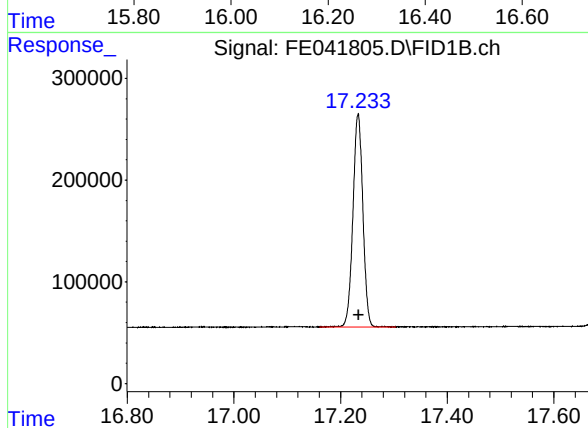
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 2783877
Conc: 17.27 ug/ml



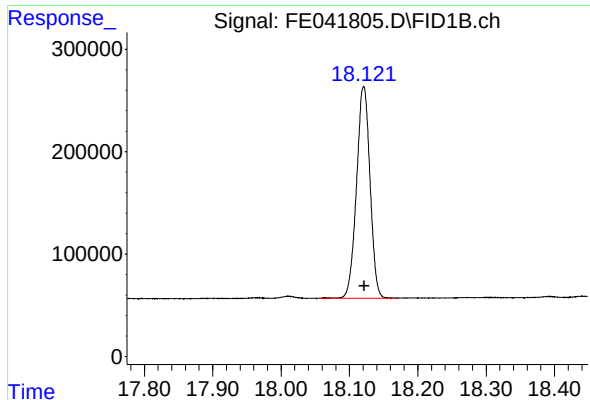
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.001 min
Response: 2719707
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

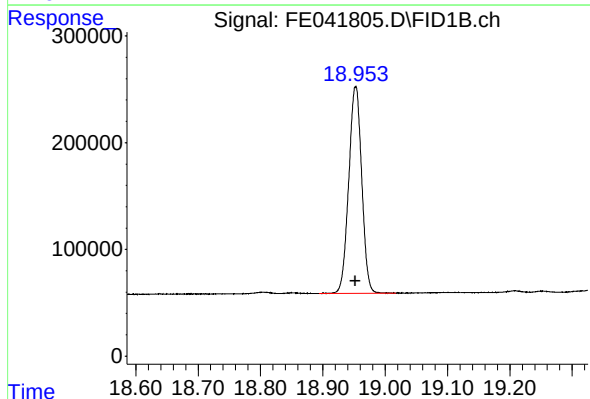
R.T.: 17.233 min
Delta R.T.: -0.001 min
Response: 2702668
Conc: 17.56 ug/ml



#17 n-Tricontane (C30)

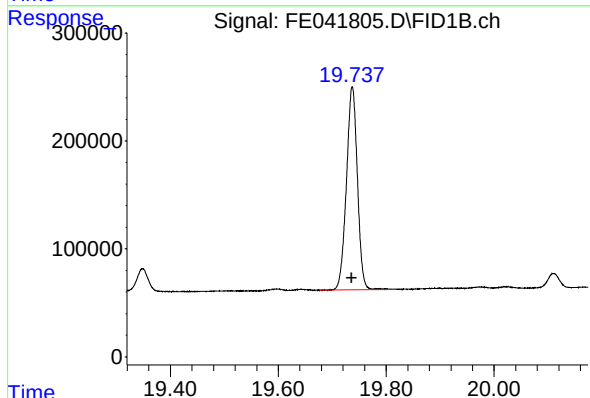
R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2837394
Conc: 18.63 ug/ml

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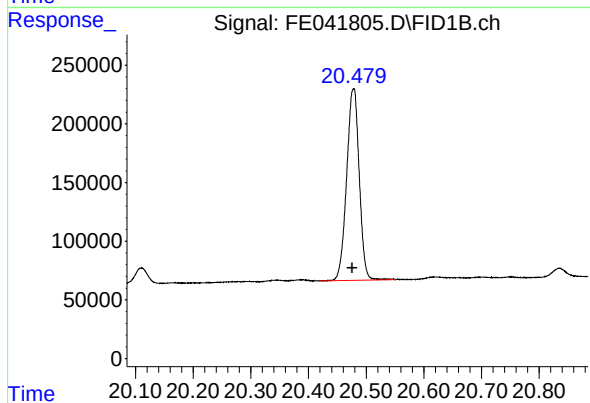
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 2806790
Conc: 18.84 ug/ml



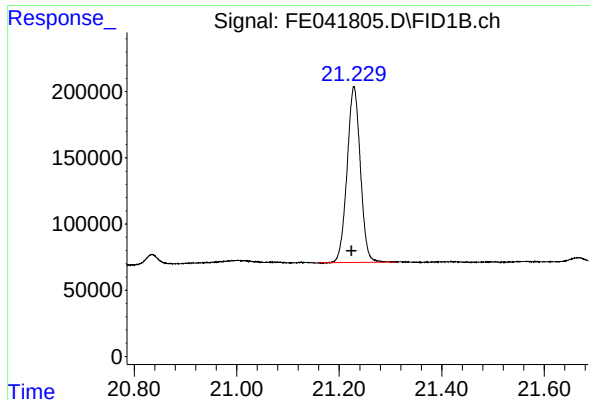
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.001 min
Response: 2657662
Conc: 18.87 ug/ml



#20 n-Hexatriacontane (C36)

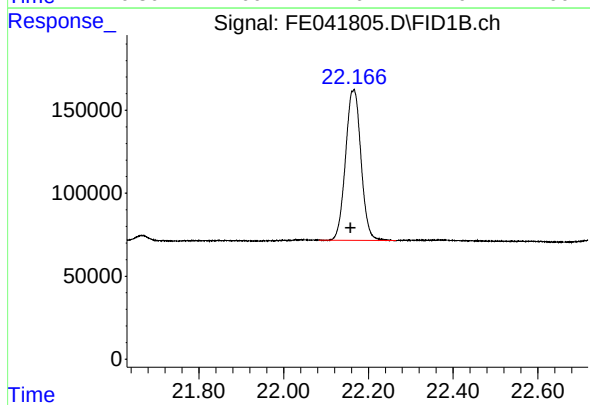
R.T.: 20.478 min
Delta R.T.: 0.002 min
Response: 2478008
Conc: 18.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.004 min
Response: 2392459
Conc: 18.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: 0.007 min
Response: 2298215
Conc: 18.15 ug/ml