

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041360.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 12:06
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2023
 Supervised By :Ankita Jodhani 04/17/2023

Integration File: autoint1.e
 Quant Time: Apr 15 01:20:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.837	3571949	19.006 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	13.277	2741748	19.056 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.236	3230116	18.616 ug/ml
2) T n-Decane (C10)	4.483	3179928	18.682 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3434180	18.775 ug/ml
4) T n-Dodecane (C12)	6.648	3254434	18.762 ug/ml
5) T A~2-methylnaphthalene...	7.281	3221102	19.449 ug/ml
6) T n-Tetradecane (C14)	8.473	3294684	18.895 ug/ml
7) T n-Hexadecane (C16)	10.080	3369580	18.946 ug/ml
8) T n-Octadecane (C18)	11.523	3397829	19.030 ug/ml
10) T n-Eicosane (C20)	12.832	3275670	19.204 ug/ml
11) T n-Heneicosane (C21)	13.444	3242804	19.167 ug/ml
13) T n-Docosane (C22)	14.031	3204171	19.362 ug/ml
14) T n-Tetracosane (C24)	15.134	3166596	19.573 ug/ml
15) T n-Hexacosane (C26)	16.157	3062485	19.756 ug/ml
16) T n-Octacosane (C28)	17.108	3032456	19.797 ug/ml
17) T n-Tricontane (C30)	17.997	3020410	19.760 ug/ml
18) T n-Dotriacontane (C32)	18.832	3094319	19.819 ug/ml
19) T n-Tetratriacontane (C34)	19.618	3063004	19.765 ug/ml
20) T n-Hexatriacontane (C36)	20.358	3044060	20.040 ug/mlm
21) T n-Octatriacontane (C38)	21.084	3191511	20.430 ug/ml
22) T n-Tetracontane (C40)	21.965	3205883	20.086 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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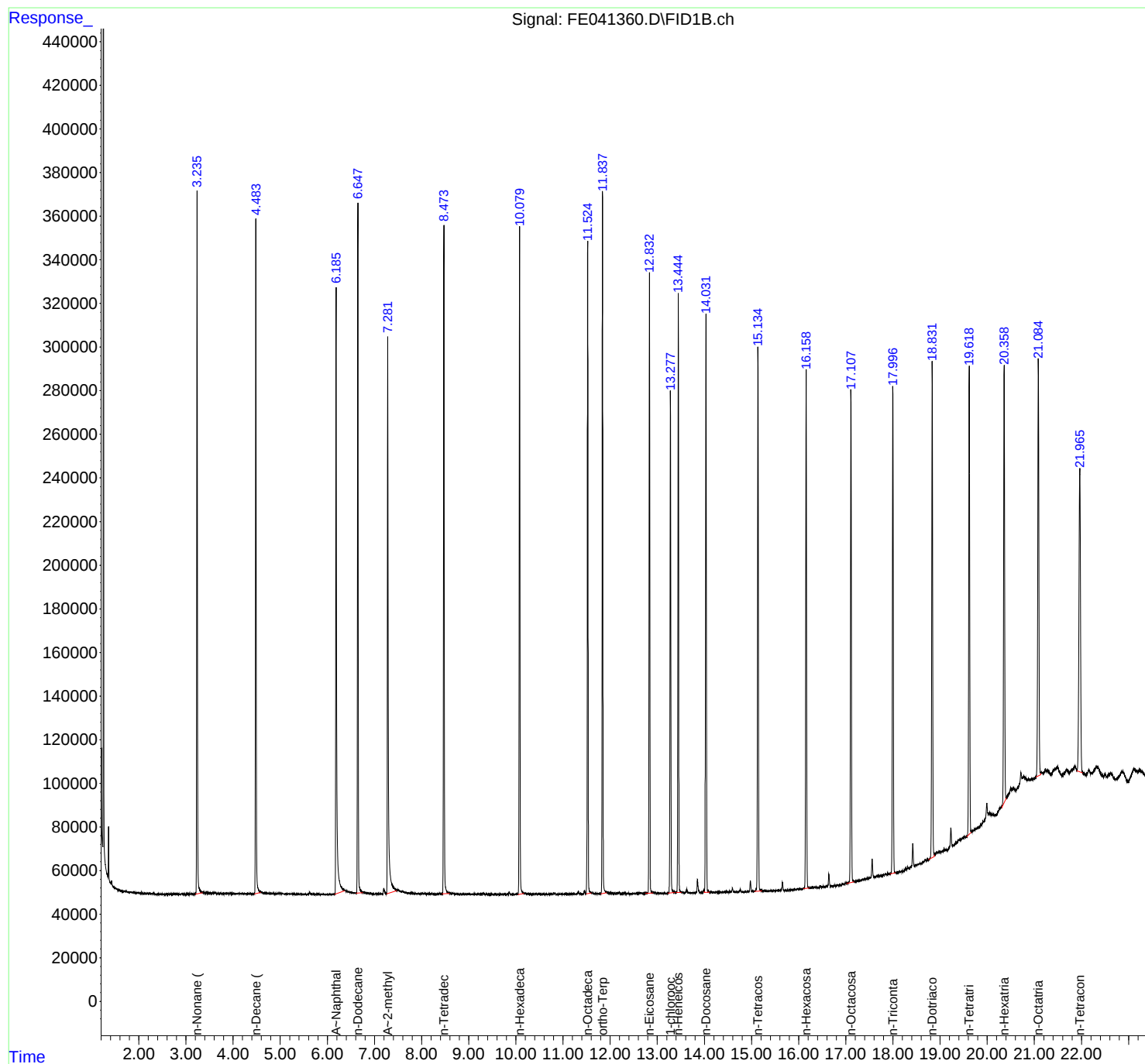
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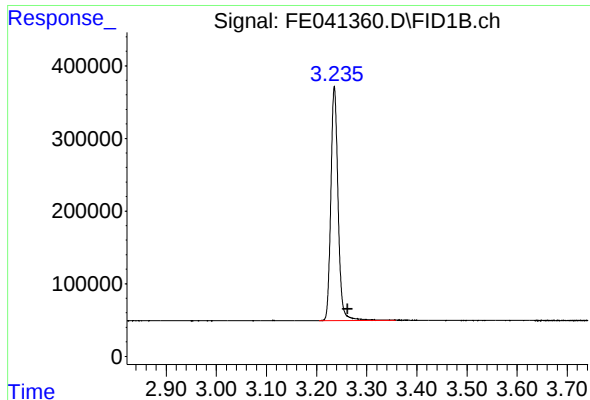
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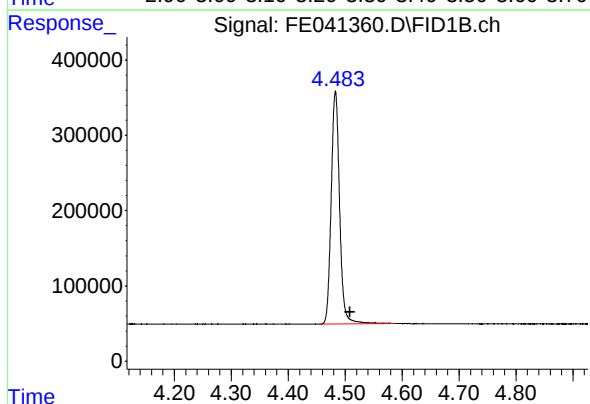
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.026 min
Response: 3230116
Conc: 18.62 ug/ml

Instrument :
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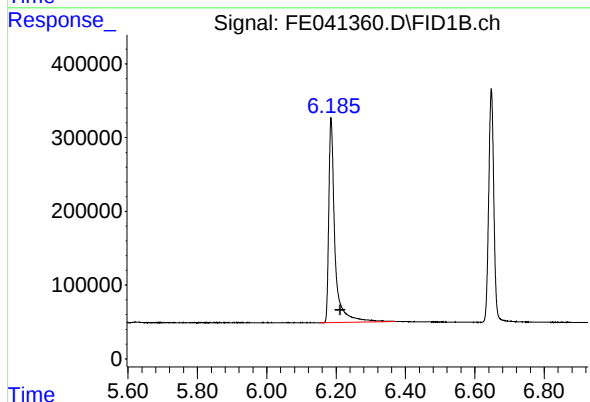
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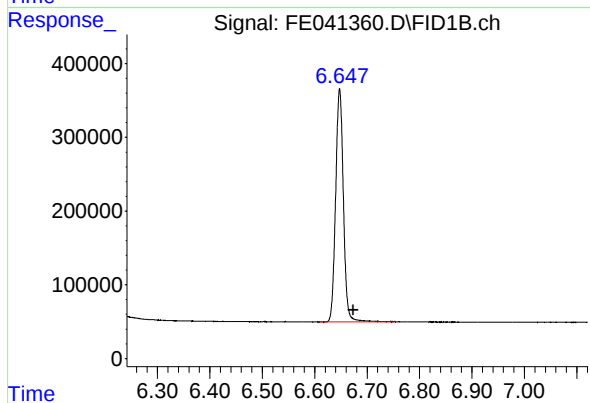
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.026 min
Response: 3179928
Conc: 18.68 ug/ml



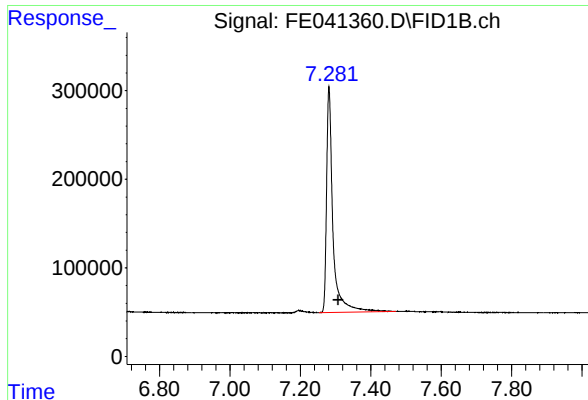
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.026 min
Response: 3434180
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.648 min
Delta R.T.: -0.026 min
Response: 3254434
Conc: 18.76 ug/ml



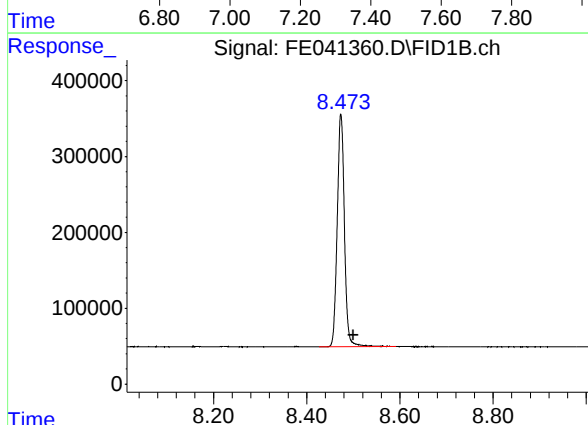
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.281 min
Delta R.T.: -0.026 min
Response: 3221102
Conc: 19.45 ug/ml

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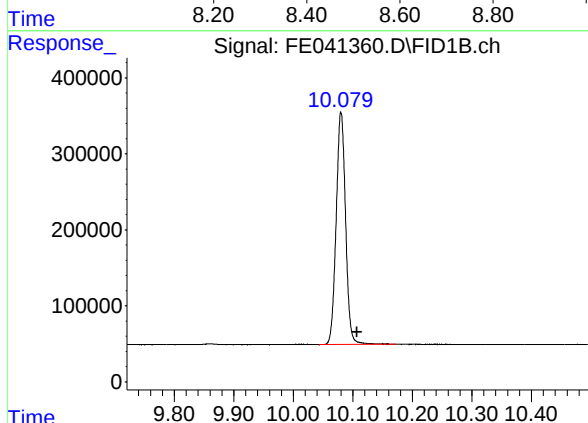
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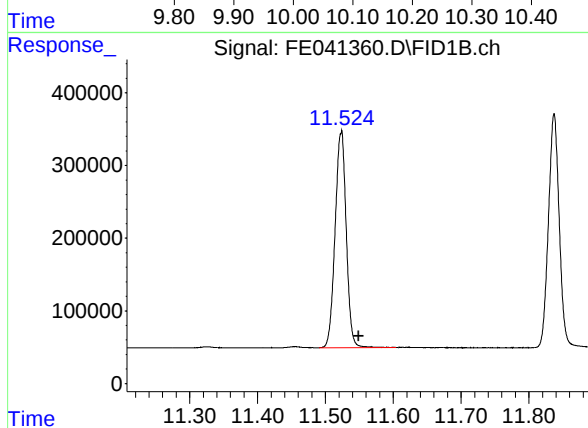
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.027 min
Response: 3294684
Conc: 18.90 ug/ml



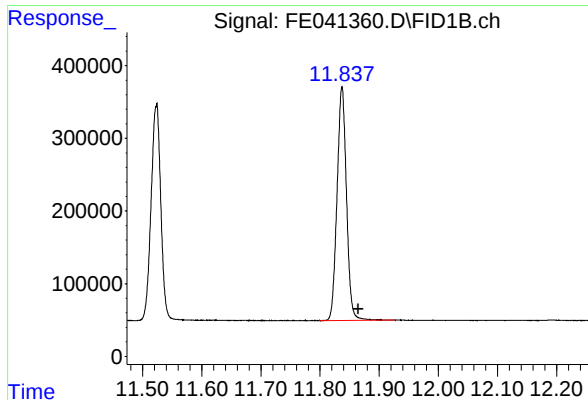
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.026 min
Response: 3369580
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.026 min
Response: 3397829
Conc: 19.03 ug/ml



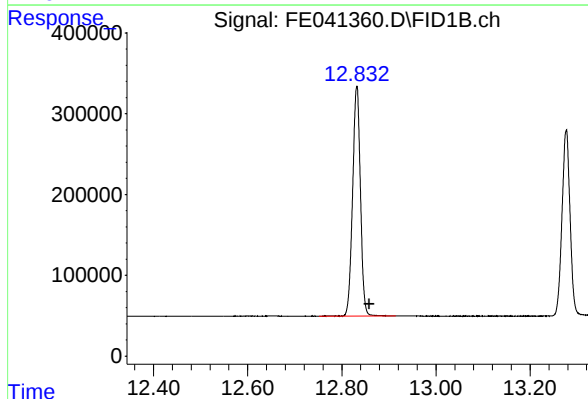
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.028 min
Response: 3571949
Conc: 19.01 ug/ml

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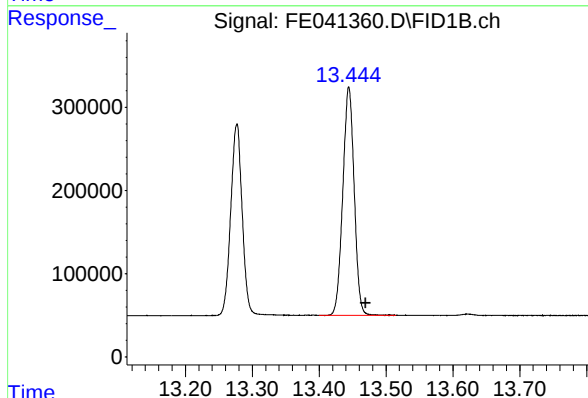
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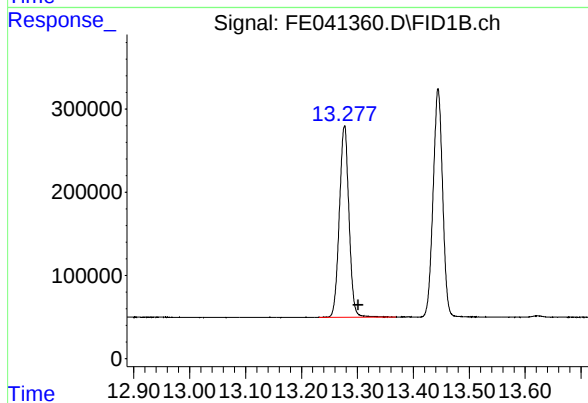
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.026 min
Response: 3275670
Conc: 19.20 ug/ml



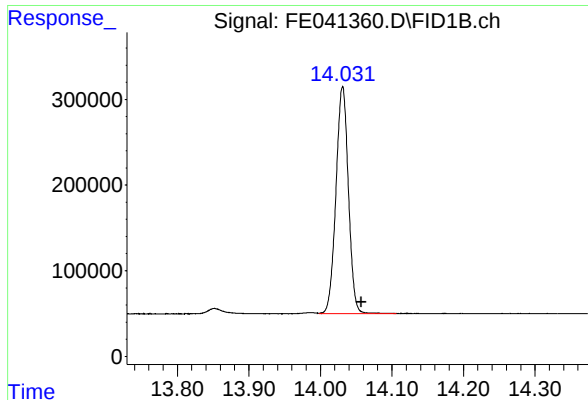
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.025 min
Response: 3242804
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.025 min
Response: 2741748
Conc: 19.06 ug/ml



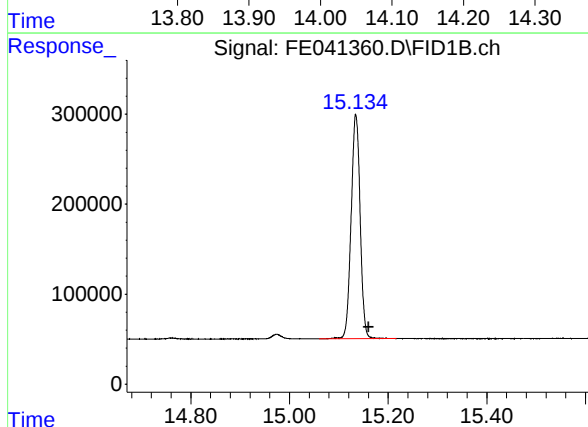
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.026 min
Response: 3204171
Conc: 19.36 ug/ml

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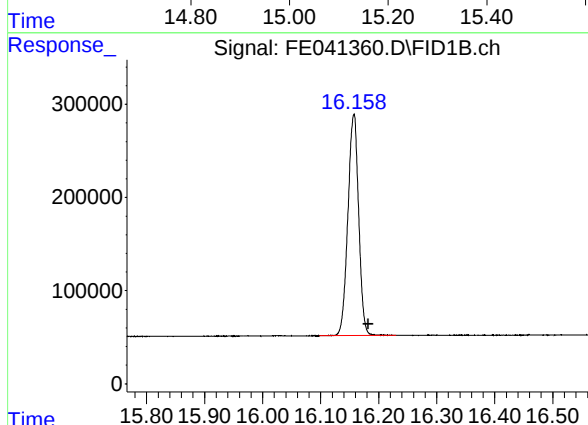
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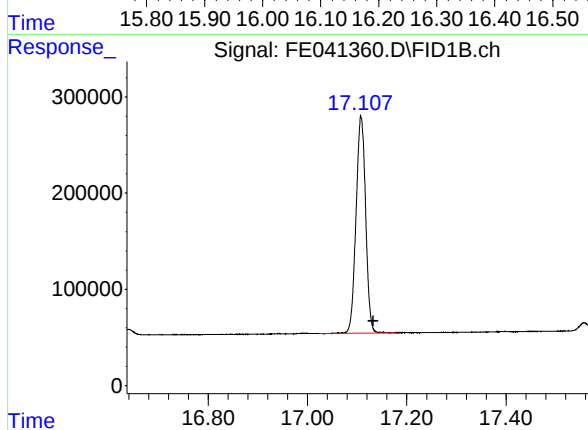
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.026 min
Response: 3166596
Conc: 19.57 ug/ml



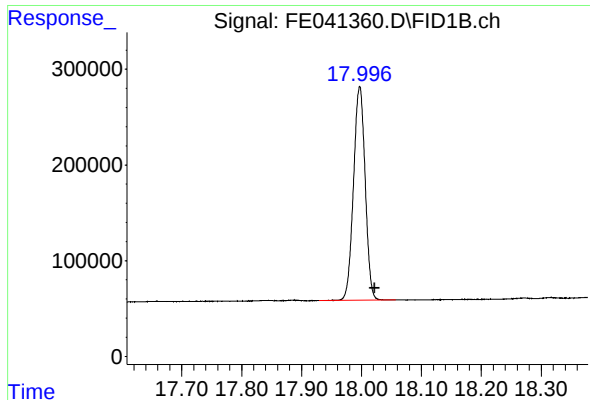
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.025 min
Response: 3062485
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.025 min
Response: 3032456
Conc: 19.80 ug/ml



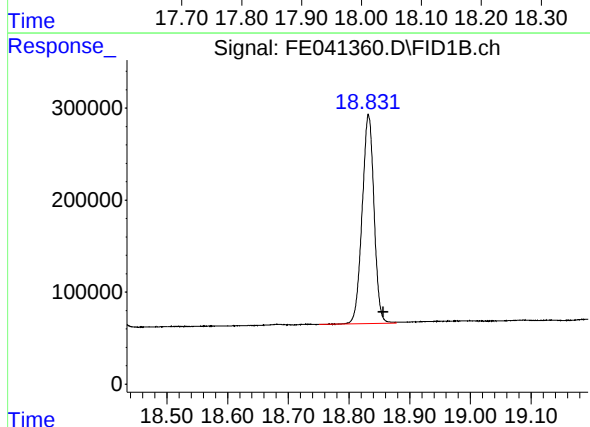
#17 n-Tricontane (C30)

R.T.: 17.997 min
Delta R.T.: -0.025 min
Response: 3020410
Conc: 19.76 ug/ml

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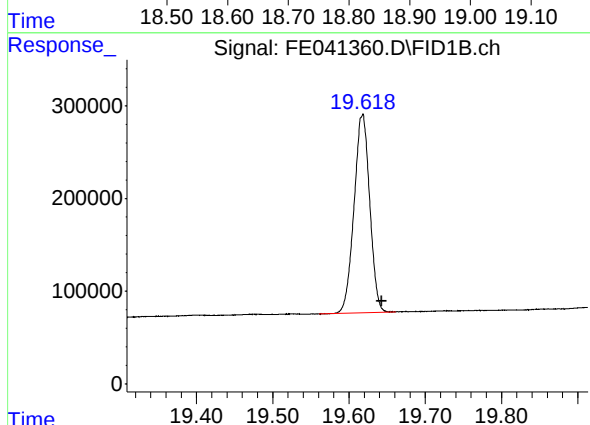
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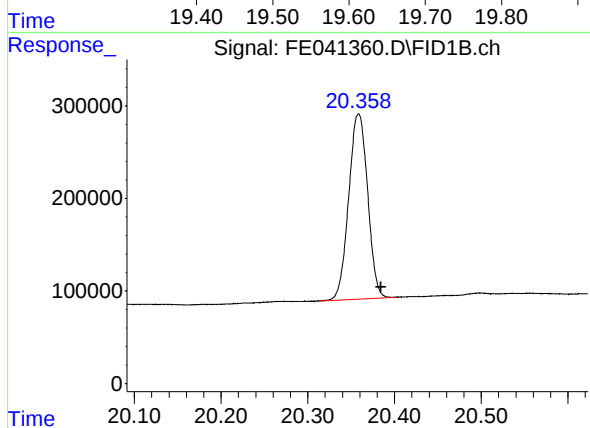
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.025 min
Response: 3094319
Conc: 19.82 ug/ml



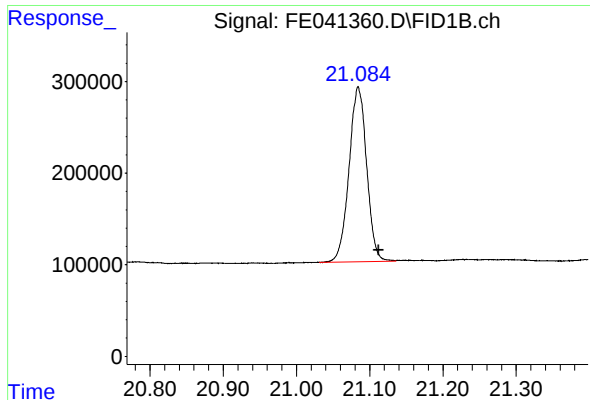
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.025 min
Response: 3063004
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.026 min
Response: 3044060
Conc: 20.04 ug/ml m



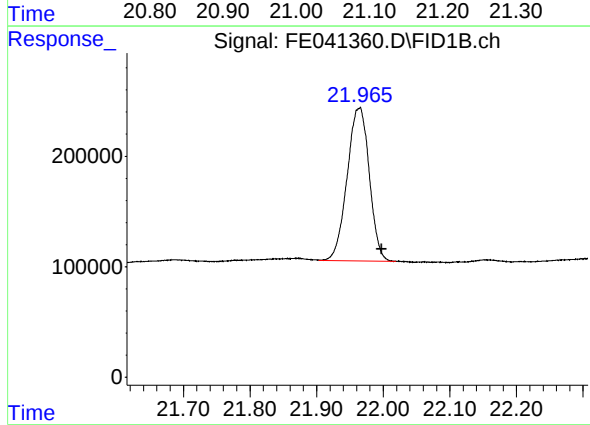
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.028 min
Response: 3191511
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.033 min
Response: 3205883
Conc: 20.09 ug/ml m