

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031824AL\
 Data File : FE047203.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2024 16:34
 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 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Integration File: autoint1.e
 Quant Time: Mar 19 04:07:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.974	3241194	19.645 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	13.408	2479588	19.448 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.364	2979046	19.814 ug/ml
2) T n-Decane (C10)	4.615	3062469	19.975 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3169478	19.879 ug/ml
4) T n-Dodecane (C12)	6.779	3069857	19.951 ug/ml
5) T A~2-methylnaphthalene...	7.411	3054429	19.902 ug/ml
6) T n-Tetradecane (C14)	8.606	3030474	19.890 ug/ml
7) T n-Hexadecane (C16)	10.213	3114793	19.788 ug/ml
8) T n-Octadecane (C18)	11.655	3135650	19.690 ug/ml
10) T n-Eicosane (C20)	12.963	3017432	19.631 ug/ml
11) T n-Heneicosane (C21)	13.575	2945725	19.468 ug/ml
13) T n-Docosane (C22)	14.159	2960395	19.676 ug/ml
14) T n-Tetracosane (C24)	15.260	3004702	20.120 ug/ml
15) T n-Hexacosane (C26)	16.279	2995952	20.566 ug/ml
16) T n-Octacosane (C28)	17.227	2976363	21.094 ug/ml
17) T n-Tricontane (C30)	18.112	3024985	21.399 ug/mlm
18) T n-Dotriacontane (C32)	18.942	2954146	21.422 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2746837	21.039 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2603176	20.896 ug/mlm
21) T n-Octatriacontane (C38)	21.203	2574909	20.737 ug/ml
22) T n-Tetracontane (C40)	22.127	2489843	21.169 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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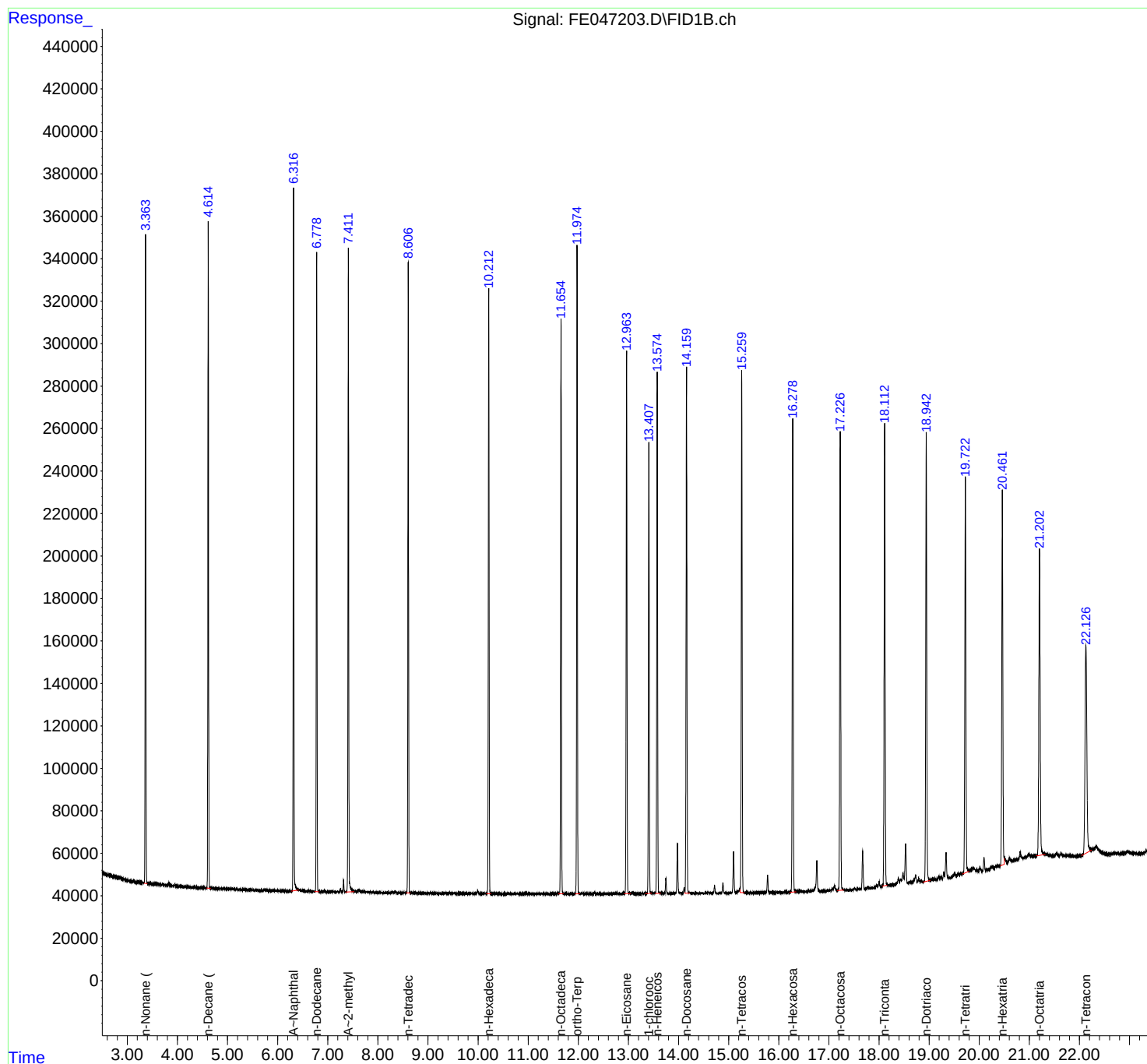
Instrument :
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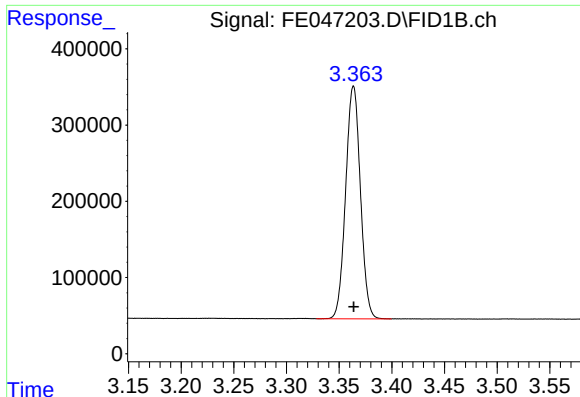
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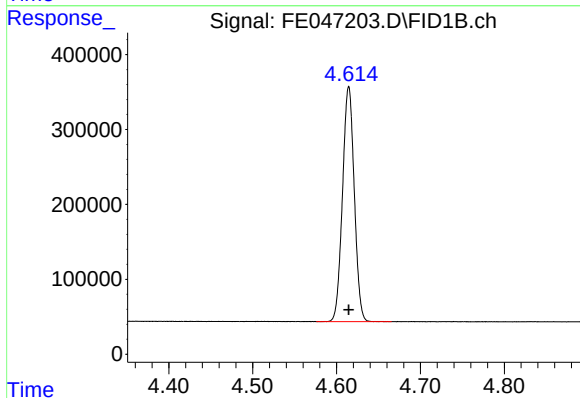
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 2979046
Conc: 19.81 ug/ml

Instrument :
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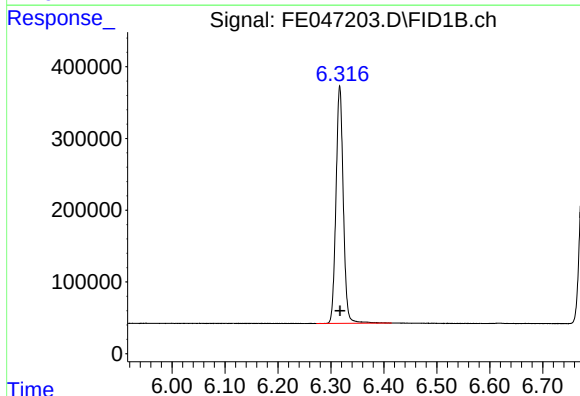
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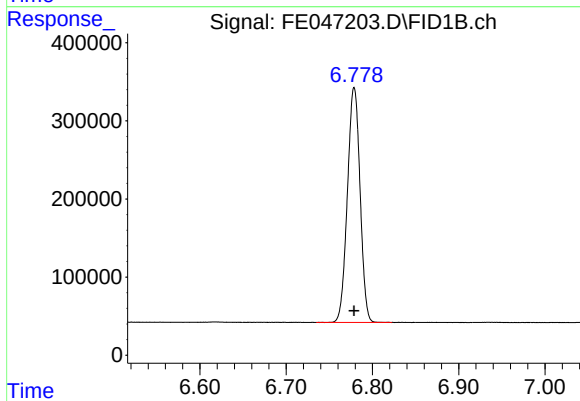
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 3062469
Conc: 19.98 ug/ml



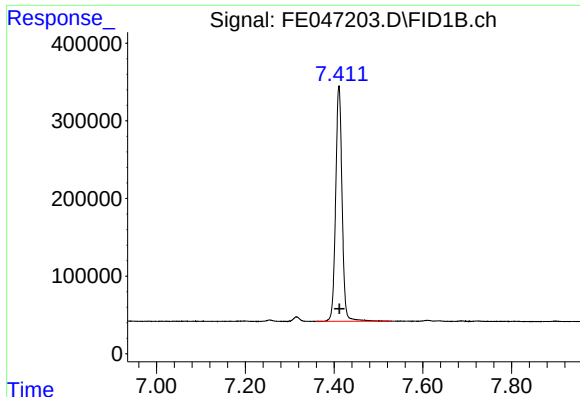
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 3169478
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 3069857
Conc: 19.95 ug/ml



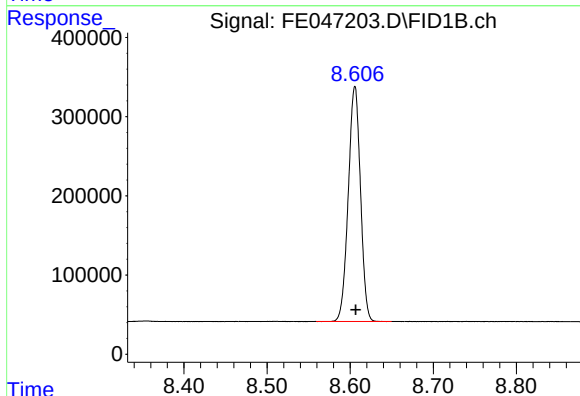
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 3054429
Conc: 19.90 ug/ml

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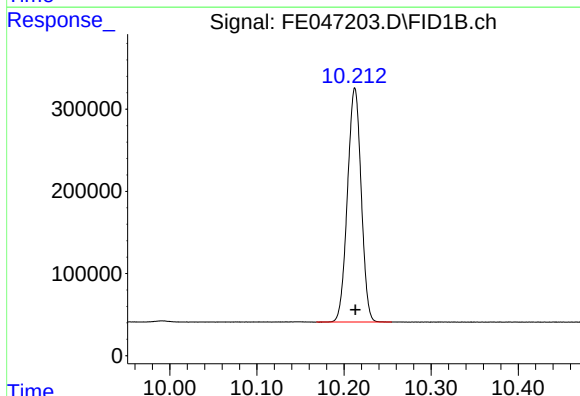
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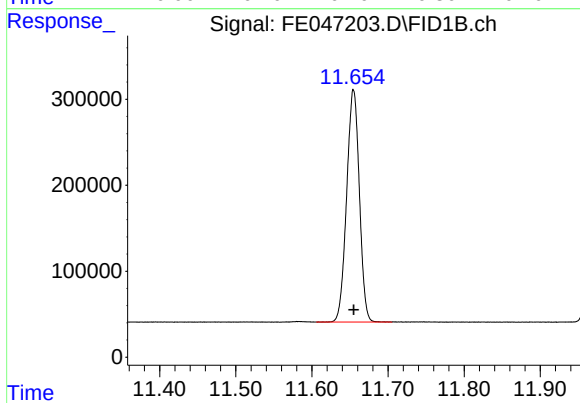
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.001 min
Response: 3030474
Conc: 19.89 ug/ml



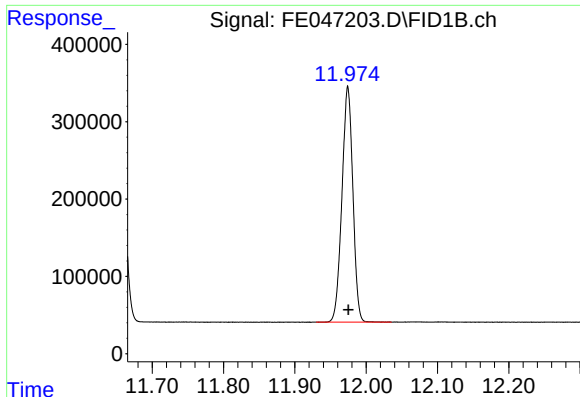
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 3114793
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 3135650
Conc: 19.69 ug/ml



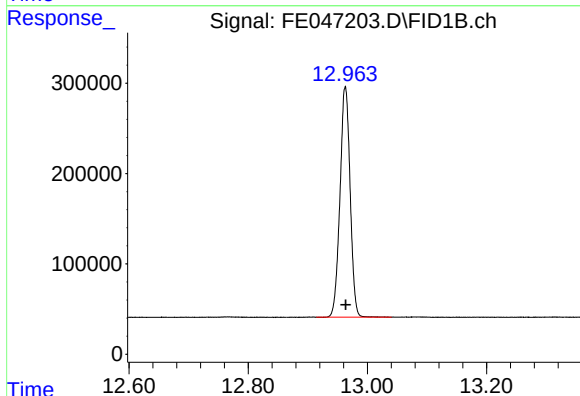
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 3241194
Conc: 19.64 ug/ml

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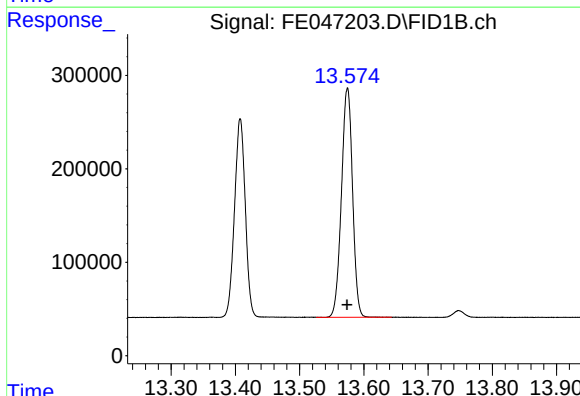
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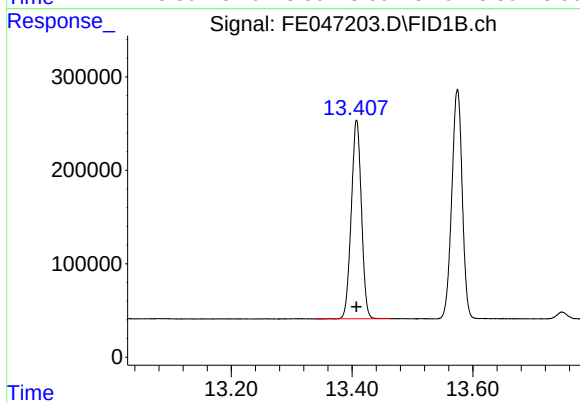
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 3017432
Conc: 19.63 ug/ml



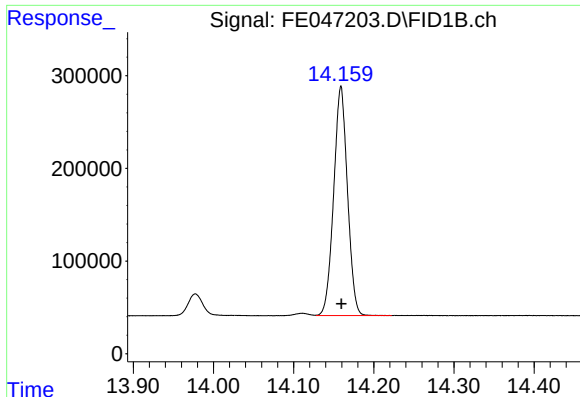
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.000 min
Response: 2945725
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2479588
Conc: 19.45 ug/ml



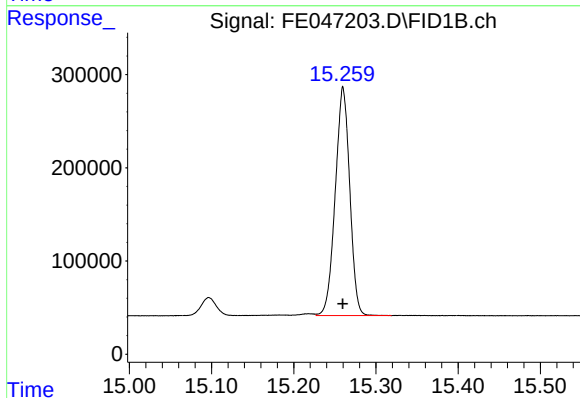
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: 0.000 min
Response: 2960395
Conc: 19.68 ug/ml

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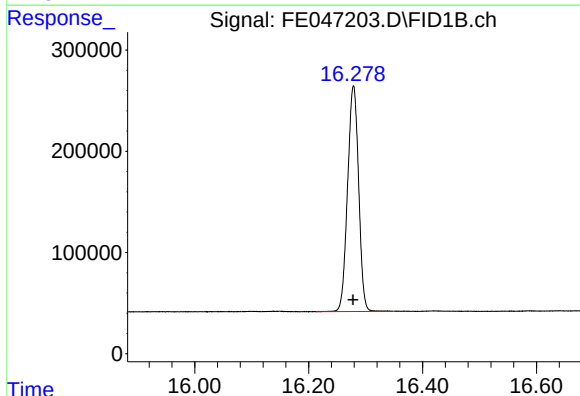
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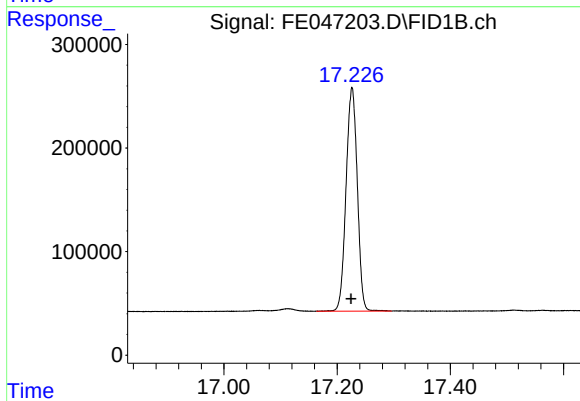
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 3004702
Conc: 20.12 ug/ml



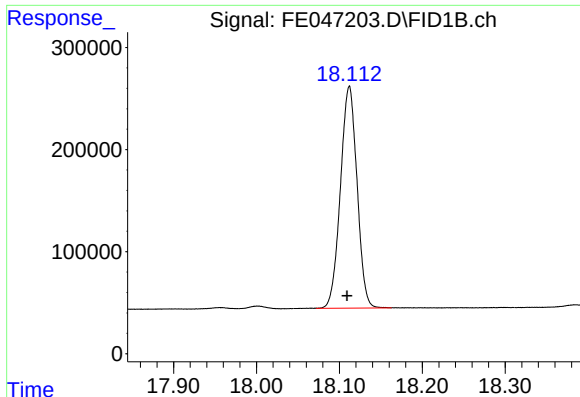
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: 0.001 min
Response: 2995952
Conc: 20.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: 0.002 min
Response: 2976363
Conc: 21.09 ug/ml



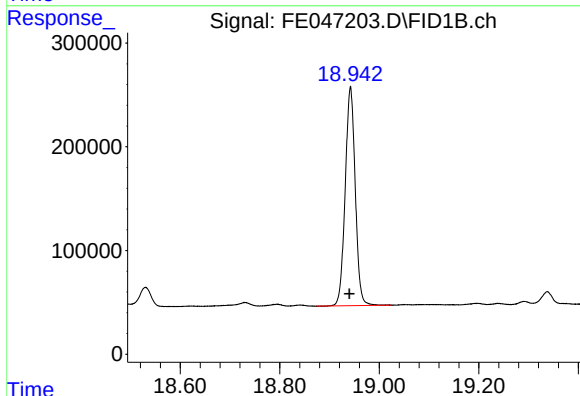
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: 0.003 min
Response: 3024985
Conc: 21.40 ug/ml

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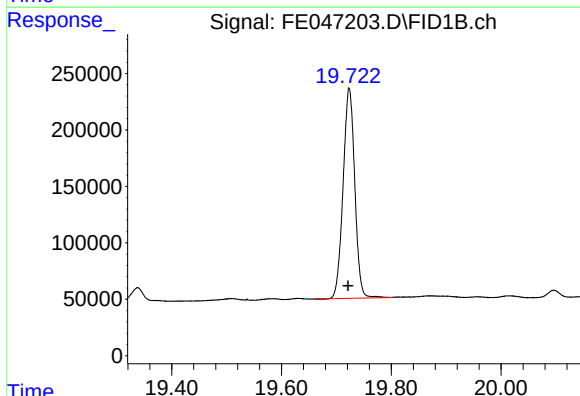
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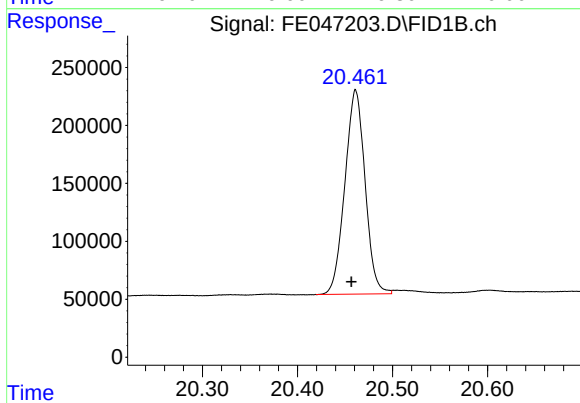
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.002 min
Response: 2954146
Conc: 21.42 ug/ml



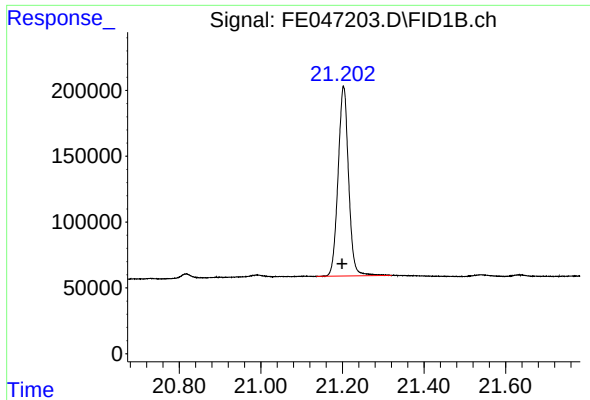
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.002 min
Response: 2746837
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: 0.004 min
Response: 2603176
Conc: 20.90 ug/ml m



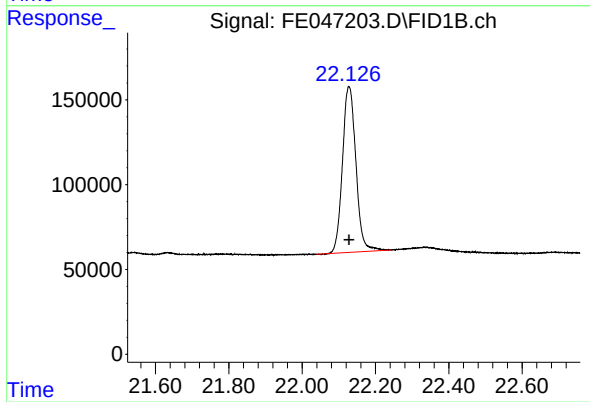
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.003 min
Response: 2574909
Conc: 20.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.000 min
Response: 2489843
Conc: 21.17 ug/ml