

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042524AL\
 Data File : FE047814.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 22:19
 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 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 02:16:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.976	3292023	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.410	2551682	18.972 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.357	2997920	19.162 ug/ml
2) T n-Decane (C10)	4.609	3049607	18.975 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3226147	19.027 ug/ml
4) T n-Dodecane (C12)	6.775	3063581	18.875 ug/ml
5) T A~2-methylnaphthalene...	7.413	3109482	18.935 ug/ml
6) T n-Tetradecane (C14)	8.603	3025031	18.804 ug/ml
7) T n-Hexadecane (C16)	10.212	3138442	18.898 ug/ml
8) T n-Octadecane (C18)	11.655	3175597	18.936 ug/ml
10) T n-Eicosane (C20)	12.964	3057209	18.871 ug/ml
11) T n-Heneicosane (C21)	13.577	3009381	18.966 ug/ml
13) T n-Docosane (C22)	14.163	2989683	18.629 ug/ml
14) T n-Tetracosane (C24)	15.265	2985241	18.085 ug/ml
15) T n-Hexacosane (C26)	16.286	2951385	17.855 ug/ml
16) T n-Octacosane (C28)	17.235	2918550	17.612 ug/ml
17) T n-Tricontane (C30)	18.123	3015176	17.760 ug/ml
18) T n-Dotriacontane (C32)	18.954	2995225	17.962 ug/ml
19) T n-Tetratriacontane (C34)	19.739	3072819	19.159 ug/ml
20) T n-Hexatriacontane (C36)	20.477	3243789	20.337 ug/ml
21) T n-Octatriacontane (C38)	21.218	3181942	19.578 ug/mlm
22) T n-Tetracontane (C40)	22.151	2938637	17.949 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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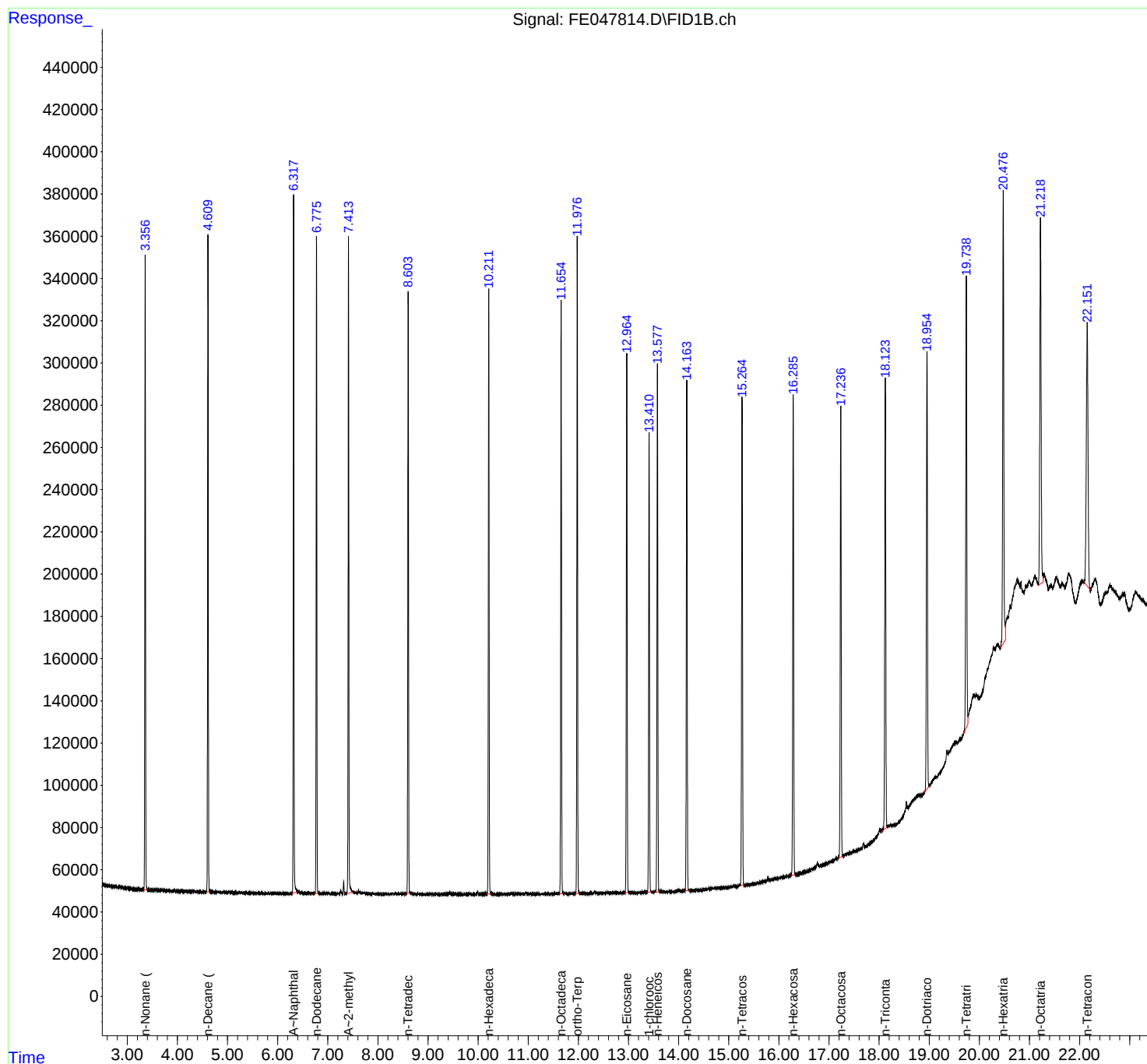
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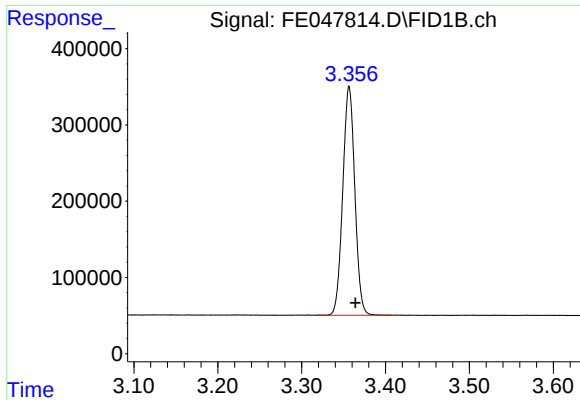
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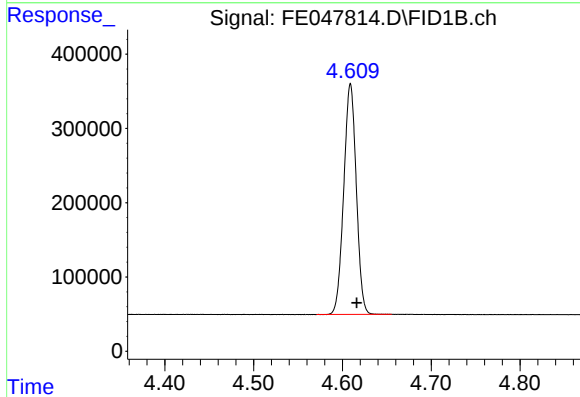
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.007 min
Response: 2997920
Conc: 19.16 ug/ml

Instrument : FID_E
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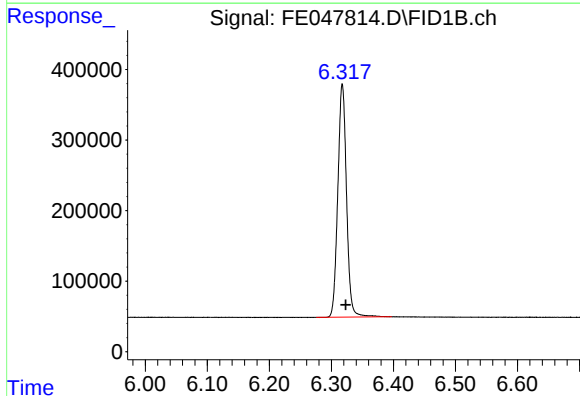
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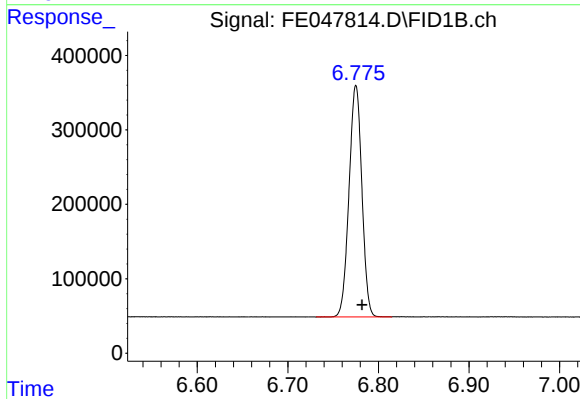
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.007 min
Response: 3049607
Conc: 18.97 ug/ml



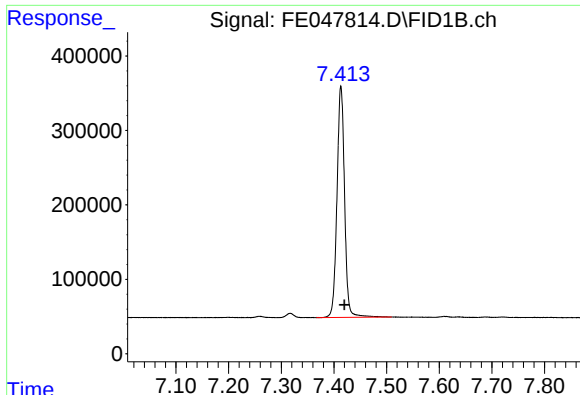
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.006 min
Response: 3226147
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min
Delta R.T.: -0.007 min
Response: 3063581
Conc: 18.88 ug/ml



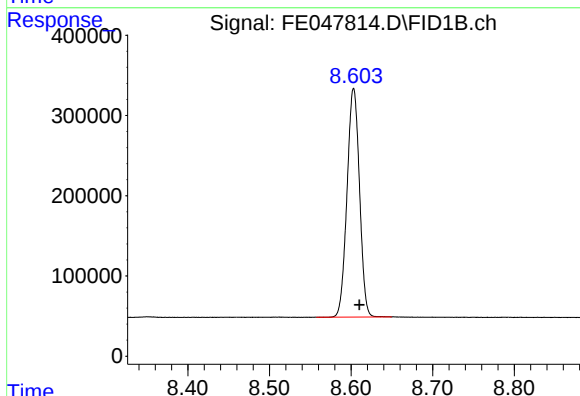
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.413 min
Delta R.T.: -0.006 min
Response: 3109482
Conc: 18.93 ug/ml

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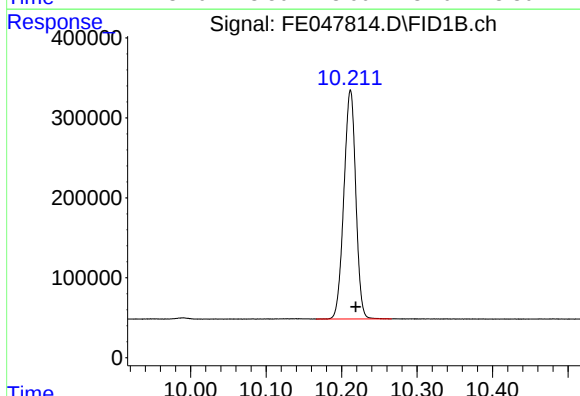
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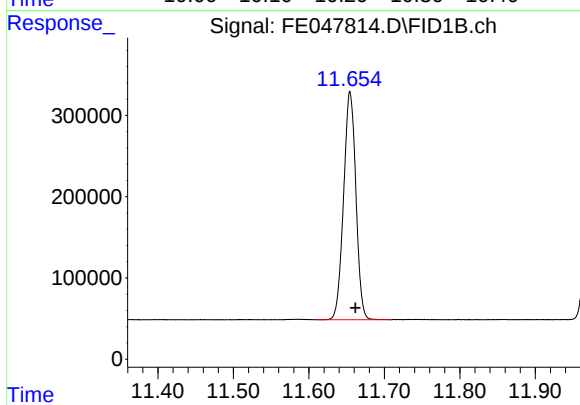
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.007 min
Response: 3025031
Conc: 18.80 ug/ml



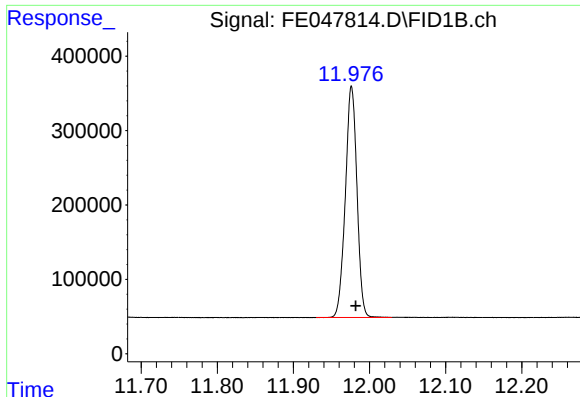
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.007 min
Response: 3138442
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: -0.007 min
Response: 3175597
Conc: 18.94 ug/ml



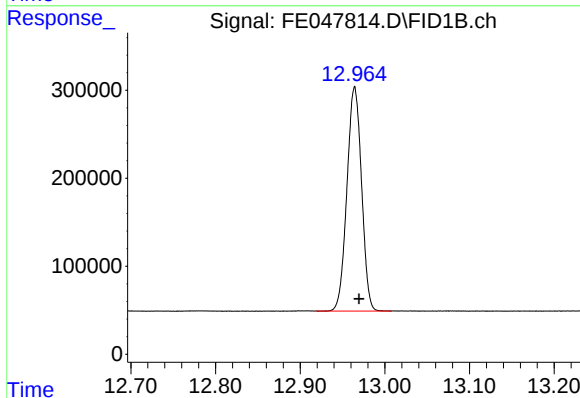
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.006 min
Response: 3292023
Conc: 18.98 ug/ml

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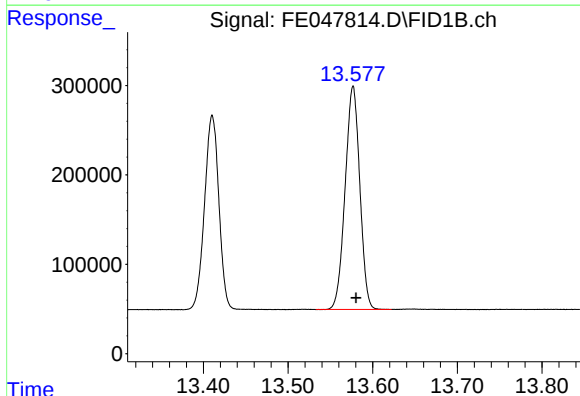
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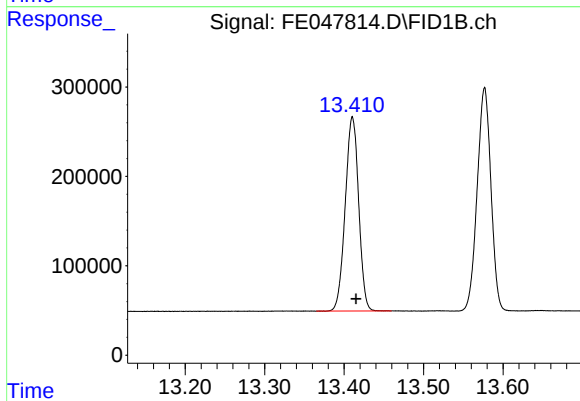
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.005 min
Response: 3057209
Conc: 18.87 ug/ml



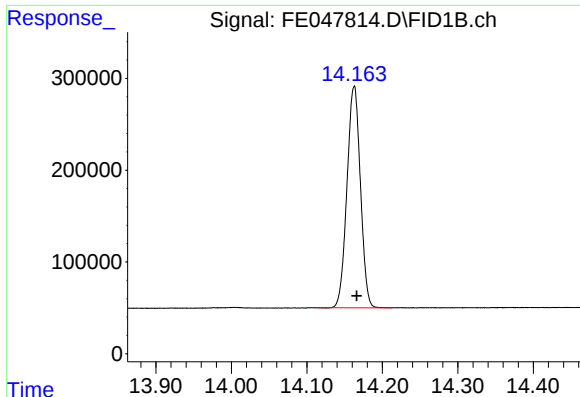
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.004 min
Response: 3009381
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 2551682
Conc: 18.97 ug/ml



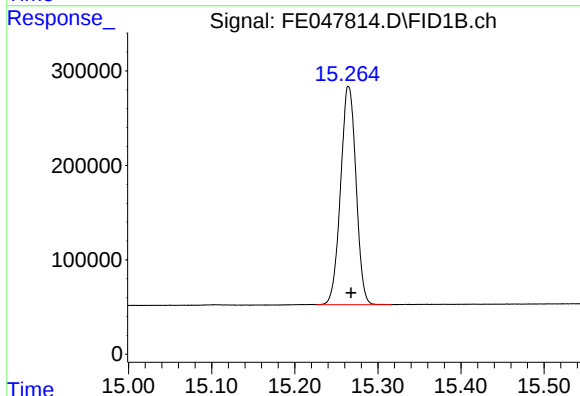
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 2989683
Conc: 18.63 ug/ml

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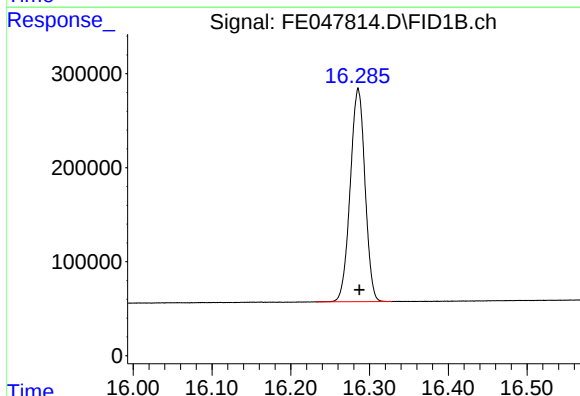
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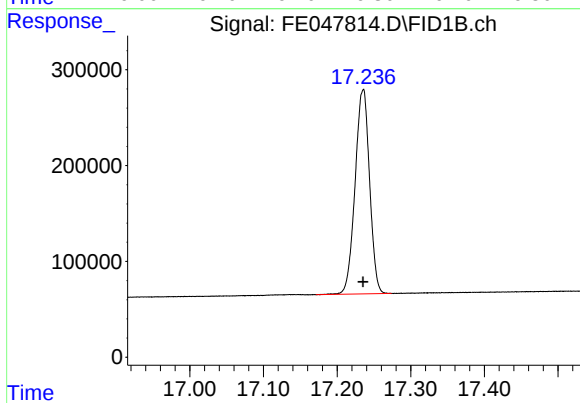
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.003 min
Response: 2985241
Conc: 18.09 ug/ml



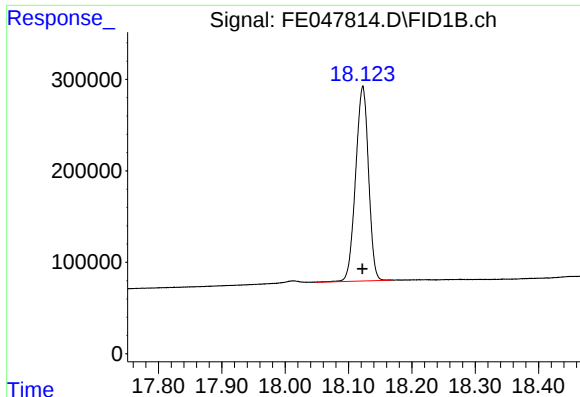
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.001 min
Response: 2951385
Conc: 17.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 2918550
Conc: 17.61 ug/ml



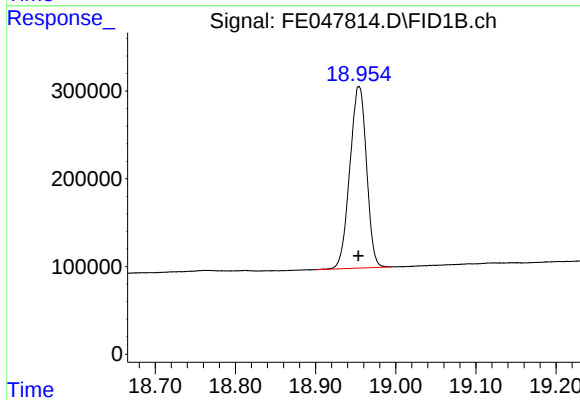
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.000 min
Response: 3015176
Conc: 17.76 ug/ml

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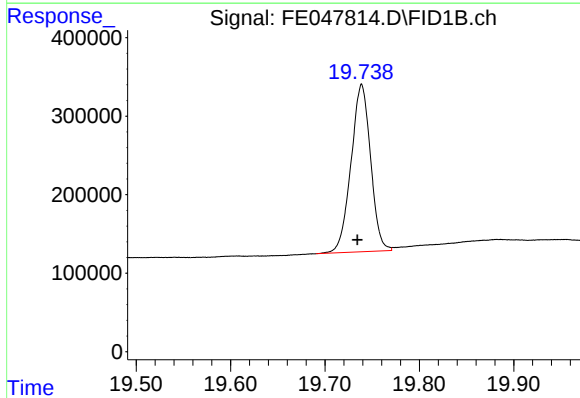
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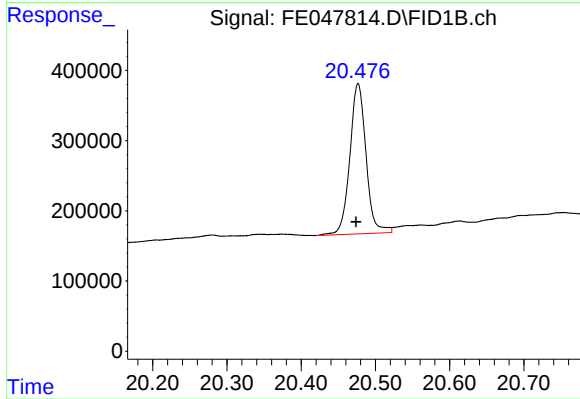
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 2995225
Conc: 17.96 ug/ml



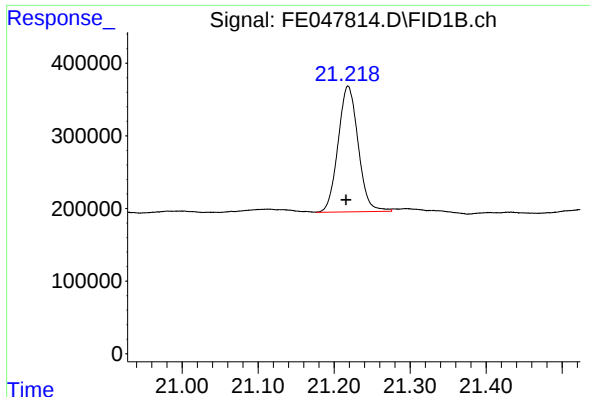
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.005 min
Response: 3072819
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.003 min
Response: 3243789
Conc: 20.34 ug/ml



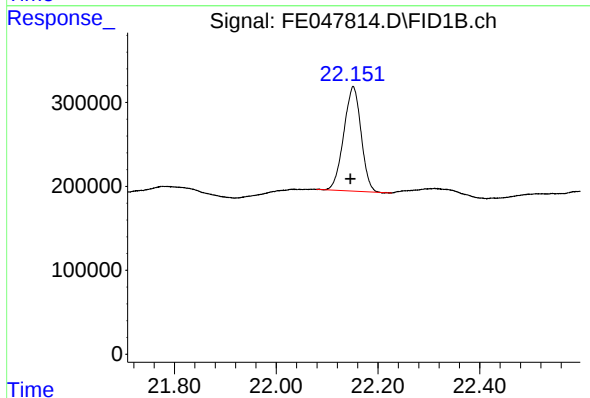
#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.002 min
Response: 3181942
Conc: 19.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 2938637
Conc: 17.95 ug/ml