

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042424AL\
 Data File : FE047753.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2024 09:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: sample.E
 Quant Time: Apr 25 03:38:14 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)	11.975	3087907	17.803 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
12) S 1-chlorooctadecane (S...	13.408	2405727	17.887 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
1) T n-Nonane (C9)	3.354	2613802	16.707 ug/ml
2) T n-Decane (C10)	4.607	2733494	17.008 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2883618	17.007 ug/ml
4) T n-Dodecane (C12)	6.773	2763976	17.029 ug/ml
5) T A~2-methylnaphthalene...	7.411	2798633	17.042 ug/ml
6) T n-Tetradecane (C14)	8.602	2788116	17.331 ug/ml
7) T n-Hexadecane (C16)	10.209	2923298	17.602 ug/ml
8) T n-Octadecane (C18)	11.653	2990046	17.830 ug/ml
10) T n-Eicosane (C20)	12.963	2924425	18.052 ug/ml
11) T n-Heneicosane (C21)	13.575	2850760	17.966 ug/ml
13) T n-Docosane (C22)	14.161	2932528	18.273 ug/ml
14) T n-Tetracosane (C24)	15.263	3087612	18.706 ug/ml
15) T n-Hexacosane (C26)	16.284	3195375	19.331 ug/ml
16) T n-Octacosane (C28)	17.233	3393299	20.477 ug/ml
17) T n-Tricontane (C30)	18.121	3783798	22.287 ug/ml
18) T n-Dotriacontane (C32)	18.953	3822950	22.926 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3453660	21.533 ug/ml
20) T n-Hexatriacontane (C36)	20.475	3220827	20.193 ug/mlm
21) T n-Octatriacontane (C38)	21.217	3135842	19.295 ug/mlm
22) T n-Tetracontane (C40)	22.147	3025819	18.481 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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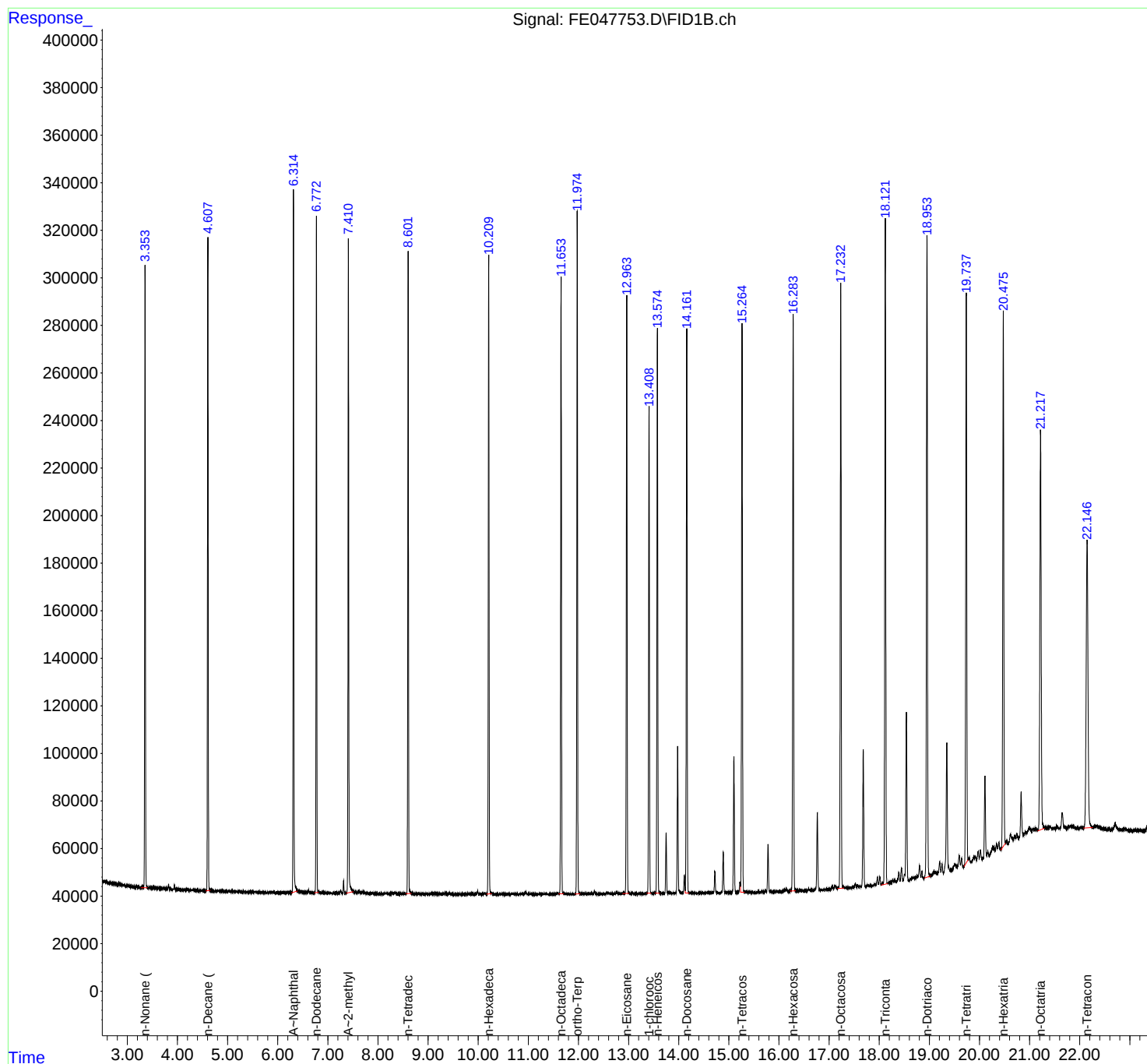
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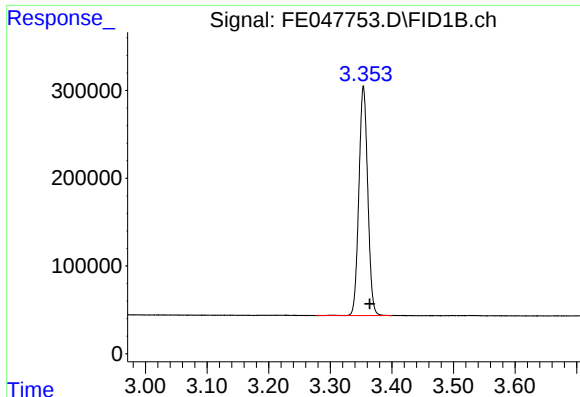
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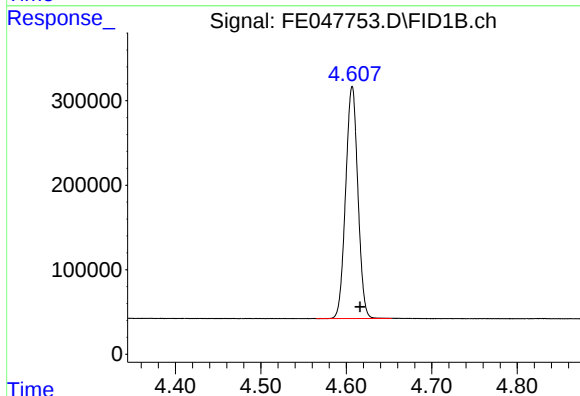
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.010 min
Response: 2613802
Conc: 16.71 ug/ml

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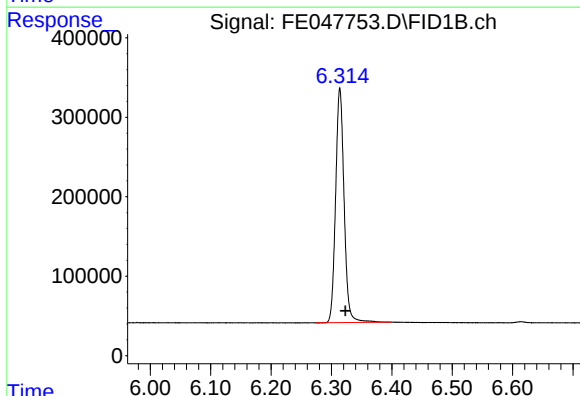
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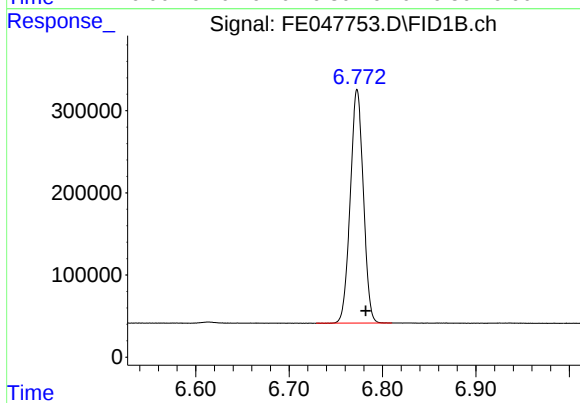
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.009 min
Response: 2733494
Conc: 17.01 ug/ml



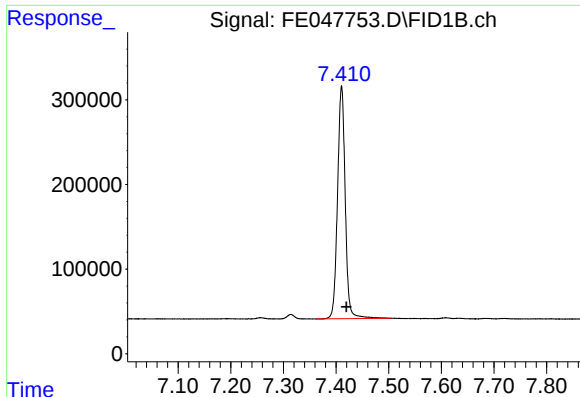
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.009 min
Response: 2883618
Conc: 17.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.009 min
Response: 2763976
Conc: 17.03 ug/ml



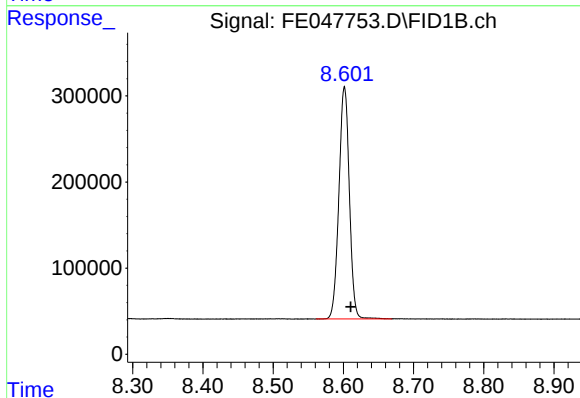
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: -0.009 min
Response: 2798633
Conc: 17.04 ug/ml

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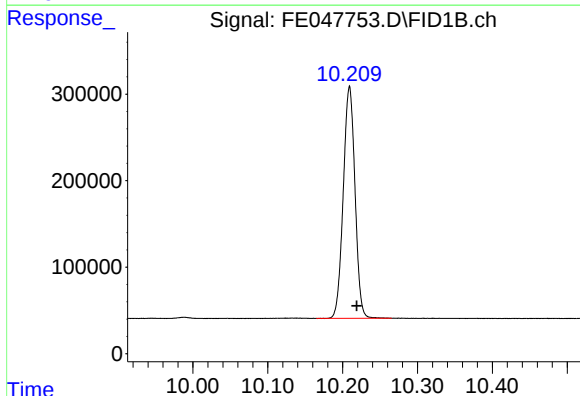
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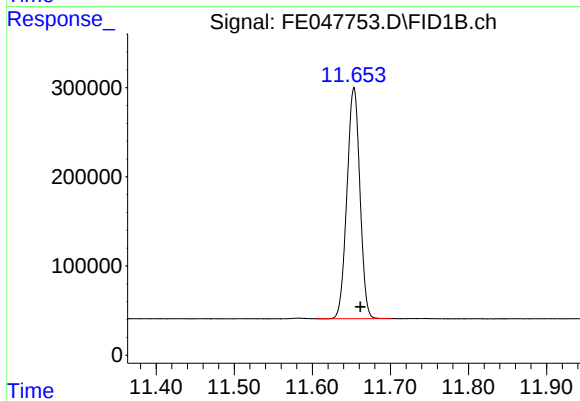
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.009 min
Response: 2788116
Conc: 17.33 ug/ml



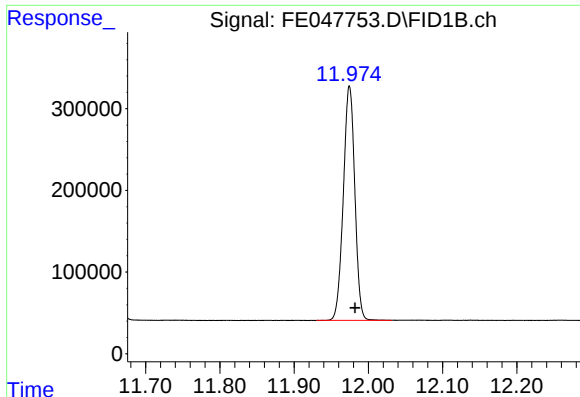
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: -0.009 min
Response: 2923298
Conc: 17.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.008 min
Response: 2990046
Conc: 17.83 ug/ml



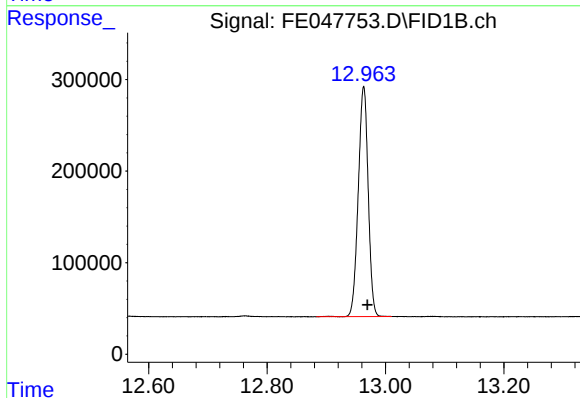
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: -0.007 min
Response: 3087907
Conc: 17.80 ug/ml

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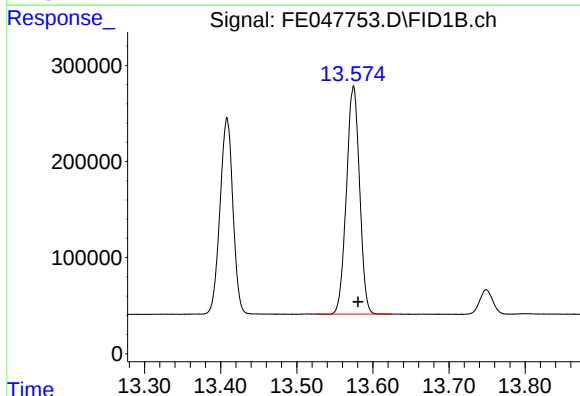
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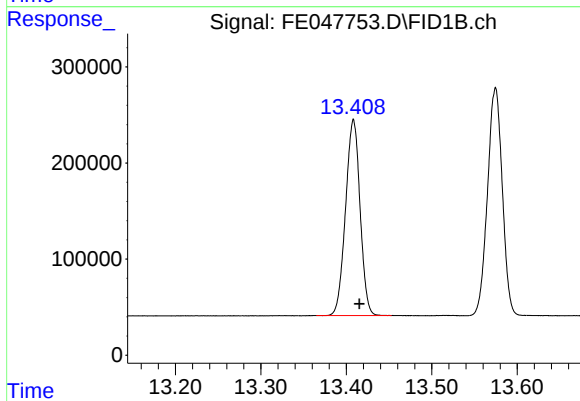
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.006 min
Response: 2924425
Conc: 18.05 ug/ml



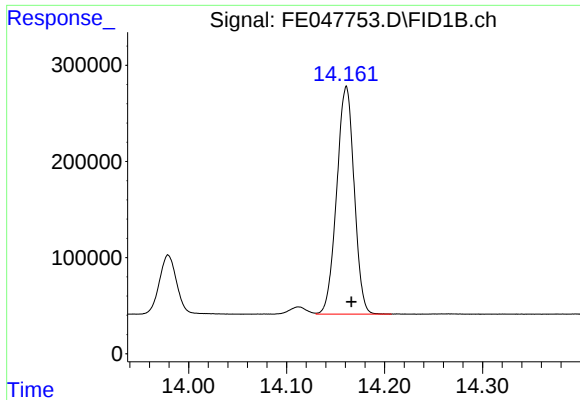
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.006 min
Response: 2850760
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: -0.007 min
Response: 2405727
Conc: 17.89 ug/ml



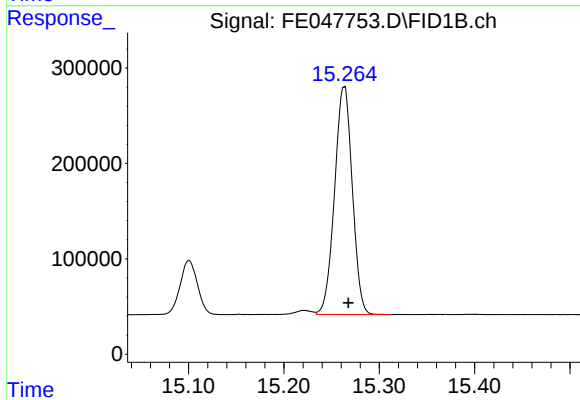
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.005 min
Response: 2932528
Conc: 18.27 ug/ml

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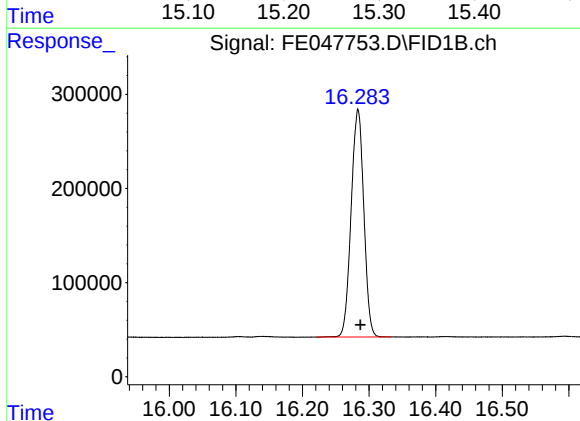
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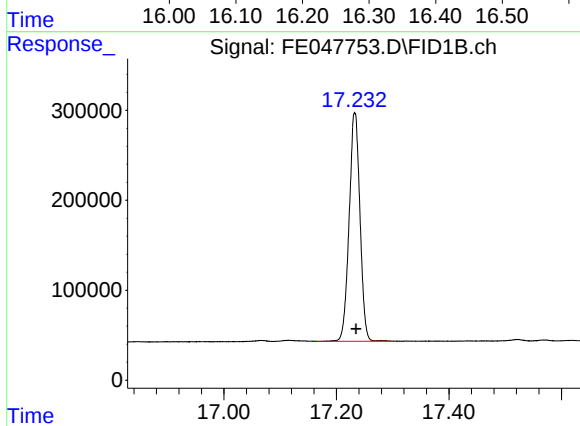
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.005 min
Response: 3087612
Conc: 18.71 ug/ml



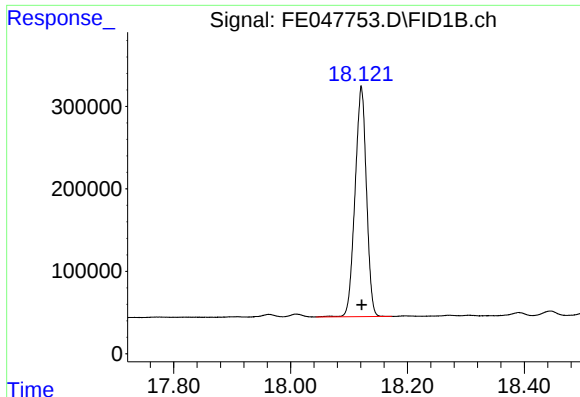
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.004 min
Response: 3195375
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: -0.003 min
Response: 3393299
Conc: 20.48 ug/ml



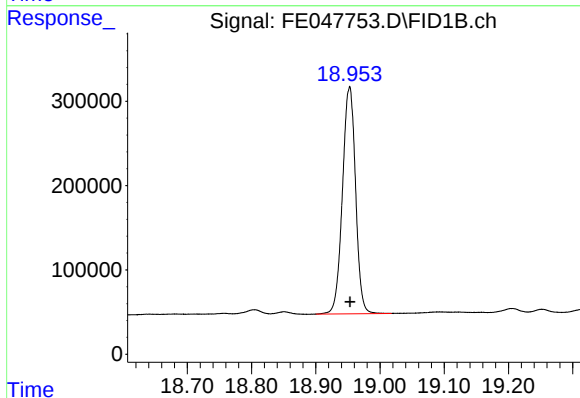
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 3783798
Conc: 22.29 ug/ml

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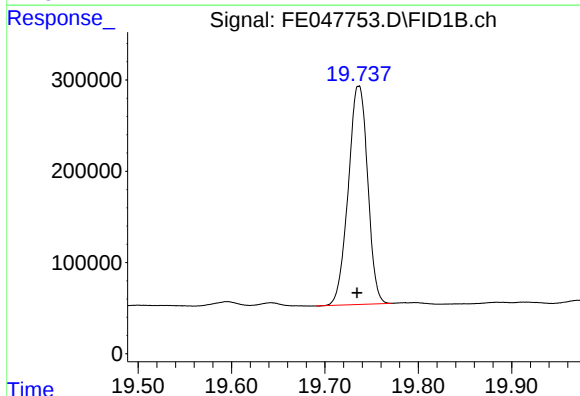
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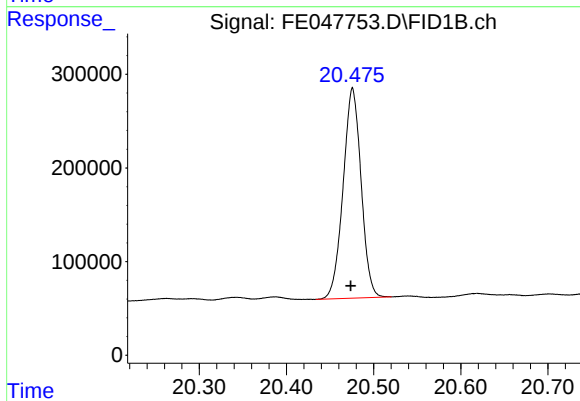
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.000 min
Response: 3822950
Conc: 22.93 ug/ml



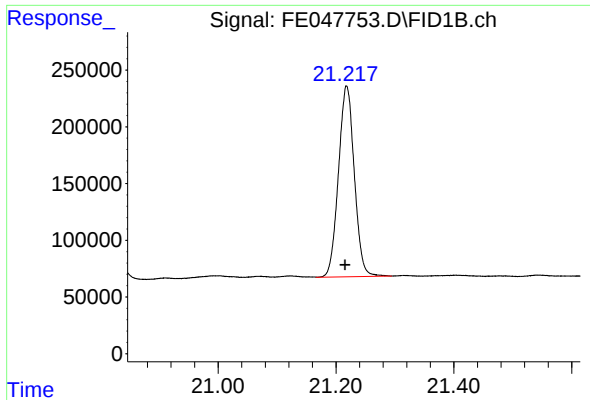
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.002 min
Response: 3453660
Conc: 21.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.002 min
Response: 3220827
Conc: 20.19 ug/ml m



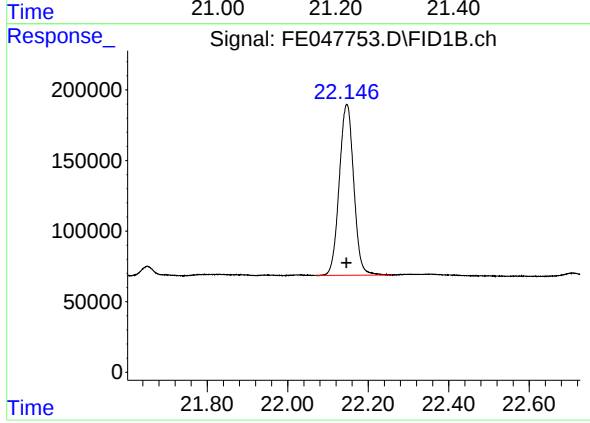
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.001 min
Response: 3135842
Conc: 19.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.000 min
Response: 3025819
Conc: 18.48 ug/ml