

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112224AL\
 Data File : FE051422.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2024 22:42
 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 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: sample.E
 Quant Time: Nov 23 01:39:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 07 04:56:04 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)	11.842	3121642	20.798 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
12) S 1-chlorooctadecane (S...	13.275	2386007	21.016 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
Target Compounds			
1) T n-Nonane (C9)	3.229	2887302	20.867 ug/ml
2) T n-Decane (C10)	4.477	2938126	20.960 ug/ml
3) T A~Naphthalene (C11.7)	6.191	2666992	20.228 ug/ml
4) T n-Dodecane (C12)	6.645	2964150	20.993 ug/ml
5) T A~2-methylnaphthalene...	7.287	2457785	19.647 ug/ml
6) T n-Tetradecane (C14)	8.472	2898193	20.796 ug/ml
7) T n-Hexadecane (C16)	10.078	2949111	20.782 ug/ml
8) T n-Octadecane (C18)	11.520	2963902	20.755 ug/ml
10) T n-Eicosane (C20)	12.828	2848324	20.813 ug/ml
11) T n-Heneicosane (C21)	13.440	2784411	20.835 ug/ml
13) T n-Docosane (C22)	14.026	2758551	20.749 ug/ml
14) T n-Tetracosane (C24)	15.127	2767426	20.861 ug/ml
15) T n-Hexacosane (C26)	16.148	2721436	20.329 ug/ml
16) T n-Octacosane (C28)	17.096	2699022	19.798 ug/ml
17) T n-Tricontane (C30)	17.983	2771319	19.075 ug/ml
18) T n-Dotriacontane (C32)	18.815	2727842	18.372 ug/ml
19) T n-Tetratriacontane (C34)	19.599	2402749	17.882 ug/ml
20) T n-Hexatriacontane (C36)	20.338	2022046	16.947 ug/ml
21) T n-Octatriacontane (C38)	21.061	2062236	18.119 ug/ml
22) T n-Tetracontane (C40)	21.941	2351654	21.144 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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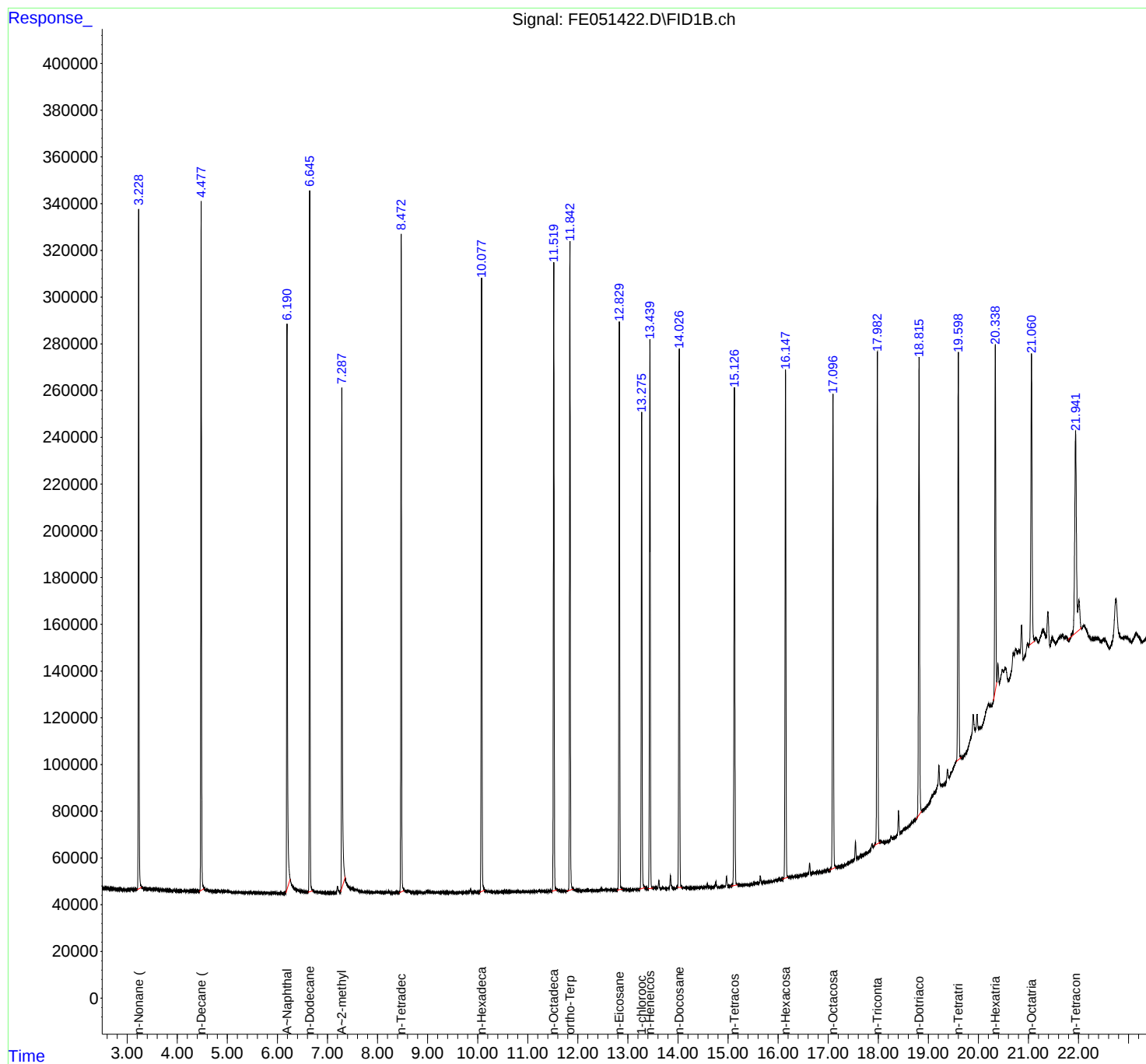
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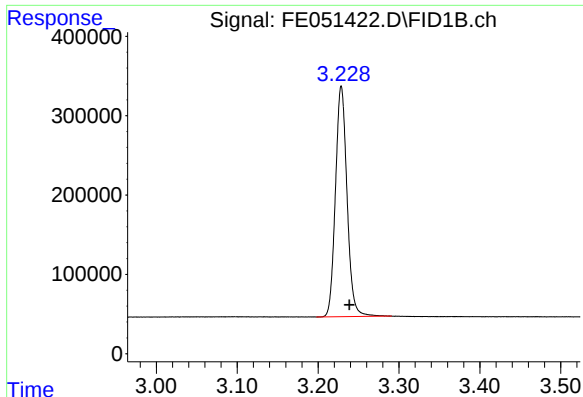
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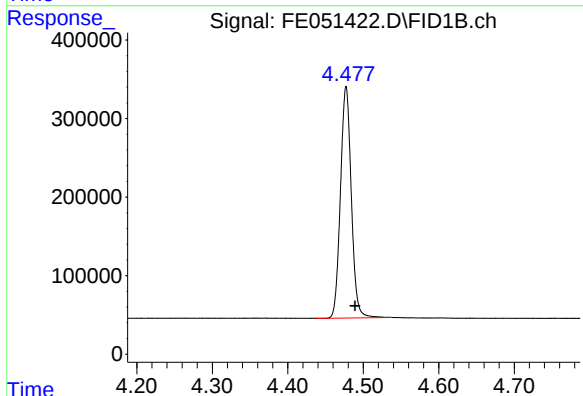
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.010 min
Response: 2887302
Conc: 20.87 ug/ml

Instrument :
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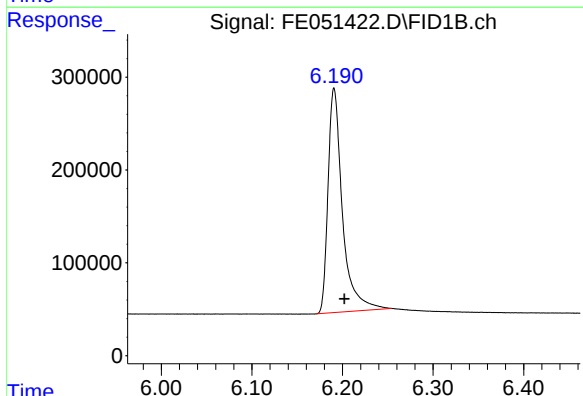
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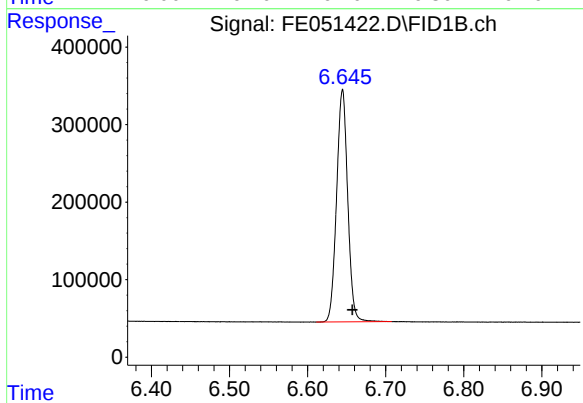
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.012 min
Response: 2938126
Conc: 20.96 ug/ml



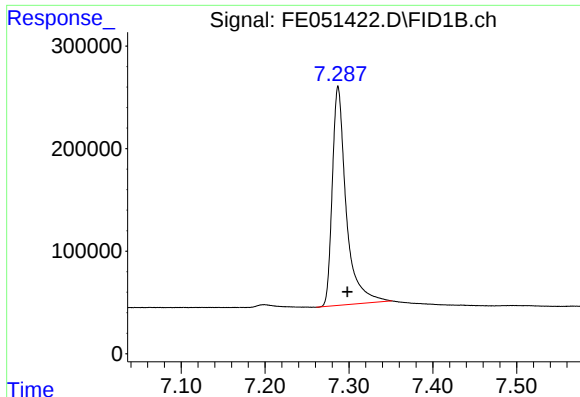
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.011 min
Response: 2666992
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.645 min
Delta R.T.: -0.013 min
Response: 2964150
Conc: 20.99 ug/ml



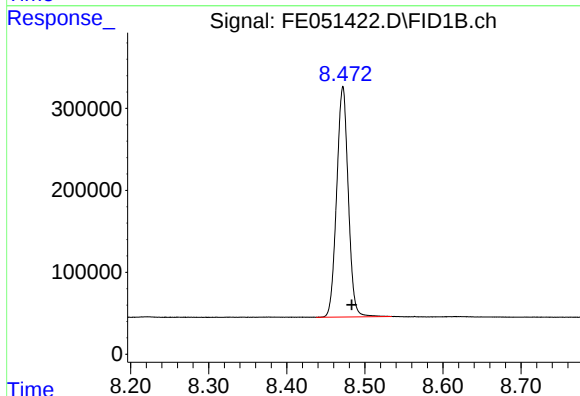
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.287 min
Delta R.T.: -0.011 min
Response: 2457785
Conc: 19.65 ug/ml

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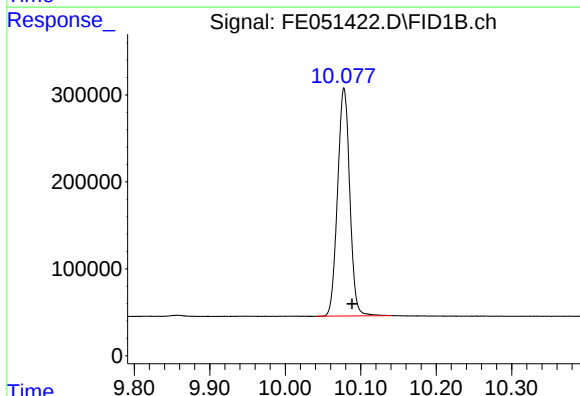
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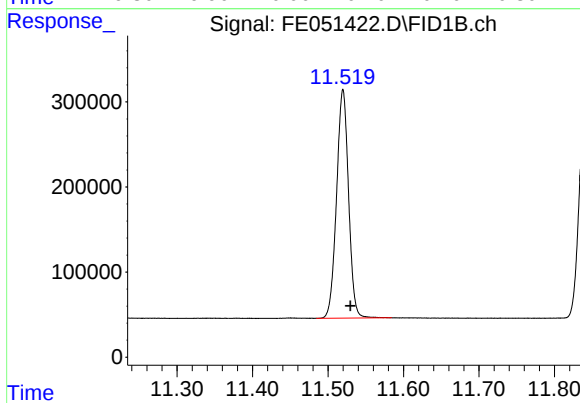
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.012 min
Response: 2898193
Conc: 20.80 ug/ml



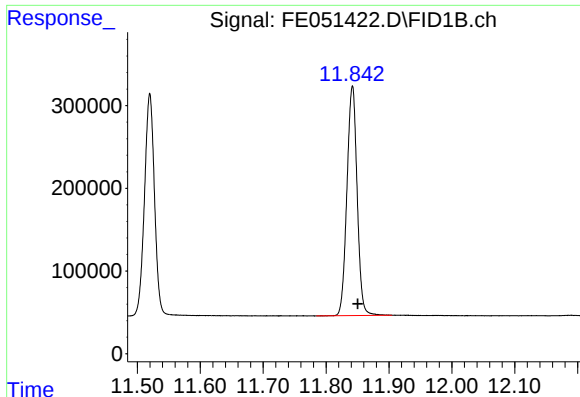
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.011 min
Response: 2949111
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.010 min
Response: 2963902
Conc: 20.75 ug/ml



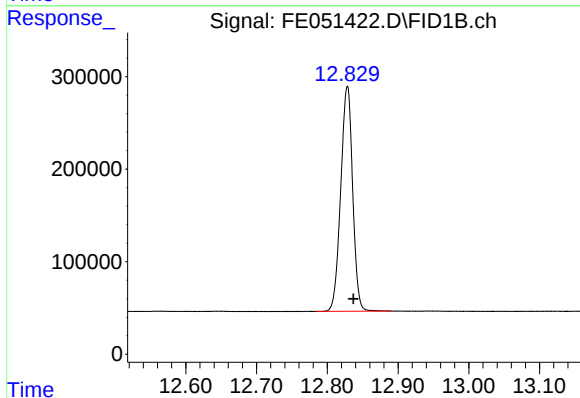
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.009 min
Response: 3121642
Conc: 20.80 ug/ml

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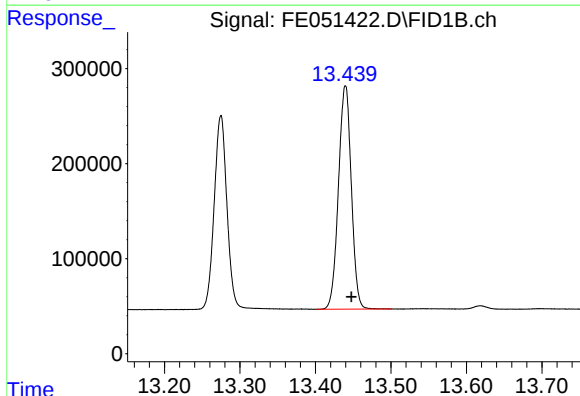
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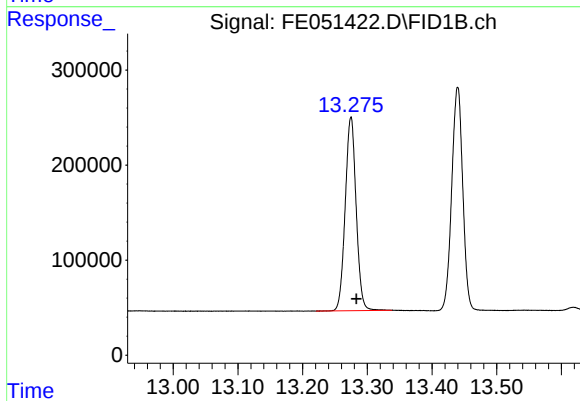
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.009 min
Response: 2848324
Conc: 20.81 ug/ml



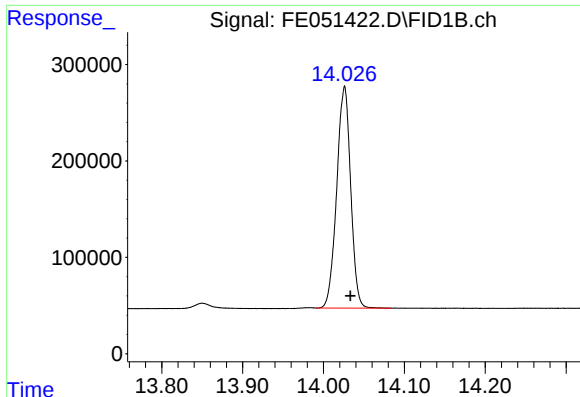
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.008 min
Response: 2784411
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.008 min
Response: 2386007
Conc: 21.02 ug/ml



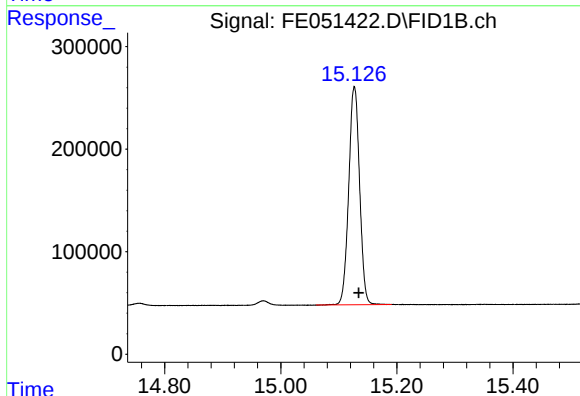
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.008 min
Response: 2758551
Conc: 20.75 ug/ml

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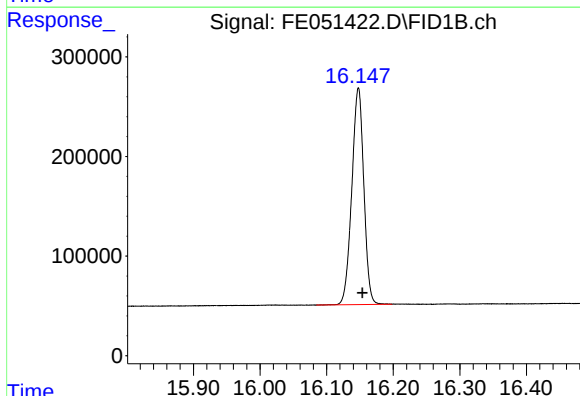
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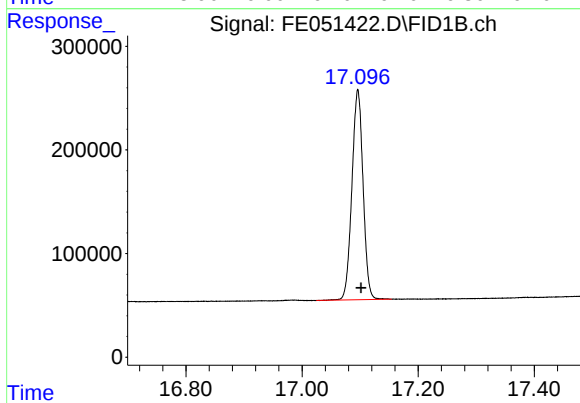
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.008 min
Response: 2767426
Conc: 20.86 ug/ml



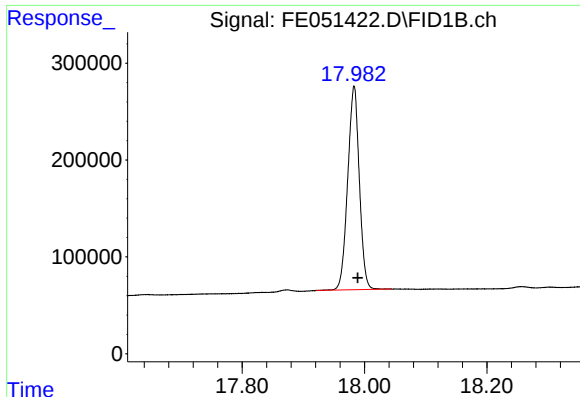
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.006 min
Response: 2721436
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.096 min
Delta R.T.: -0.006 min
Response: 2699022
Conc: 19.80 ug/ml



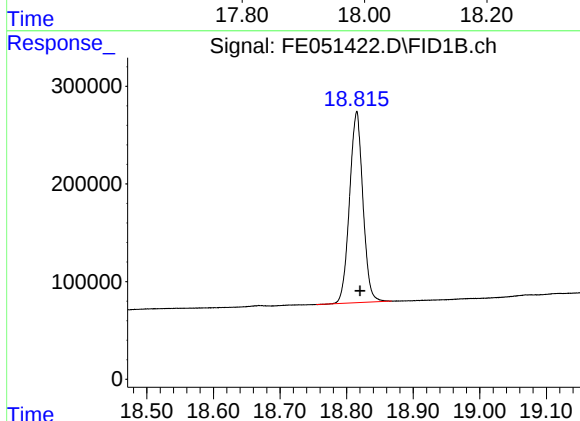
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 2771319
Conc: 19.07 ug/ml

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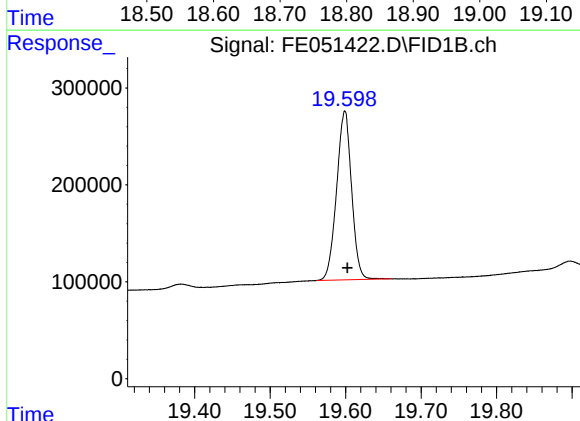
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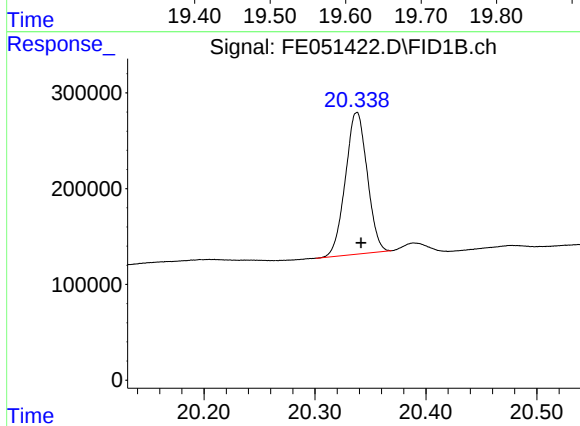
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 2727842
Conc: 18.37 ug/ml



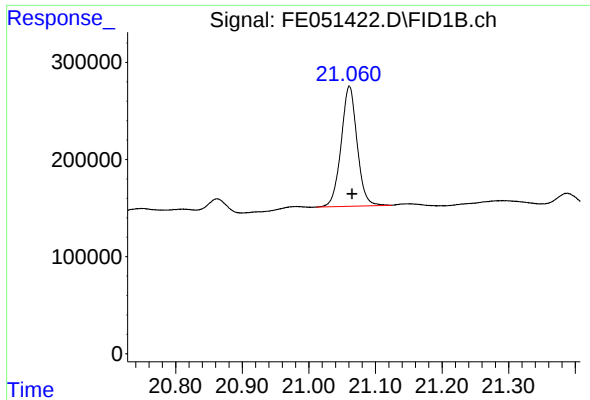
#19 n-Tetratriacontane (C34)

R.T.: 19.599 min
Delta R.T.: -0.004 min
Response: 2402749
Conc: 17.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 2022046
Conc: 16.95 ug/ml



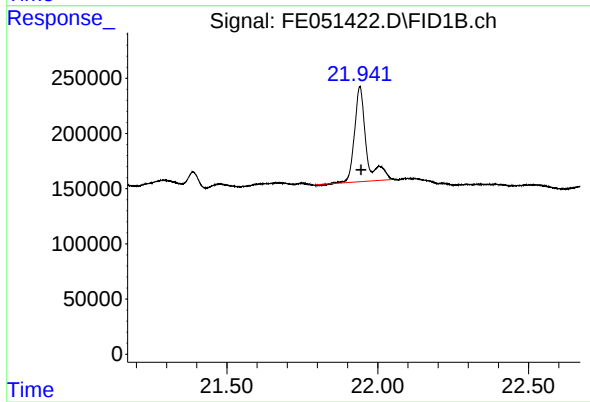
#21 n-Octatriacontane (C38)

R.T.: 21.061 min
Delta R.T.: -0.004 min
Response: 2062236
Conc: 18.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.003 min
Response: 2351654
Conc: 21.14 ug/ml m