

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037030.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 14:50
 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 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 12 17:15:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 2022
 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)	11.818	3500254	19.030 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
12) S 1-chlorooctadecane (S...	13.258	2780234	19.050 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.213	2932638	19.080 ug/ml
2) T n-Decane (C10)	4.466	2912722	19.058 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3164538	19.233 ug/ml
4) T n-Dodecane (C12)	6.634	2985356	19.115 ug/ml
5) T A~2-methylnaphthalene...	7.263	3117578	19.209 ug/ml
6) T n-Tetradecane (C14)	8.461	3007760	19.033 ug/ml
7) T n-Hexadecane (C16)	10.066	3026367	19.029 ug/ml
8) T n-Octadecane (C18)	11.507	3122319	19.018 ug/ml
10) T n-Eicosane (C20)	12.814	3122967	19.022 ug/ml
11) T n-Heneicosane (C21)	13.426	3127356	19.029 ug/ml
13) T n-Docosane (C22)	14.012	3108118	19.103 ug/ml
14) T n-Tetracosane (C24)	15.114	3076791	19.037 ug/ml
15) T n-Hexacosane (C26)	16.133	3016128	19.014 ug/ml
16) T n-Octacosane (C28)	17.083	2950684	18.984 ug/ml
17) T n-Tricontane (C30)	17.970	2776704	19.039 ug/ml
18) T n-Dotriacontane (C32)	18.803	2222797	19.128 ug/ml
19) T n-Tetratriacontane (C34)	19.585	1578147	19.151 ug/ml
20) T n-Hexatriacontane (C36)	20.325	1166696	19.312 ug/ml
21) T n-Octatriacontane (C38)	21.047	972388	19.066 ug/ml
22) T n-Tetracontane (C40)	21.919	950465	19.747 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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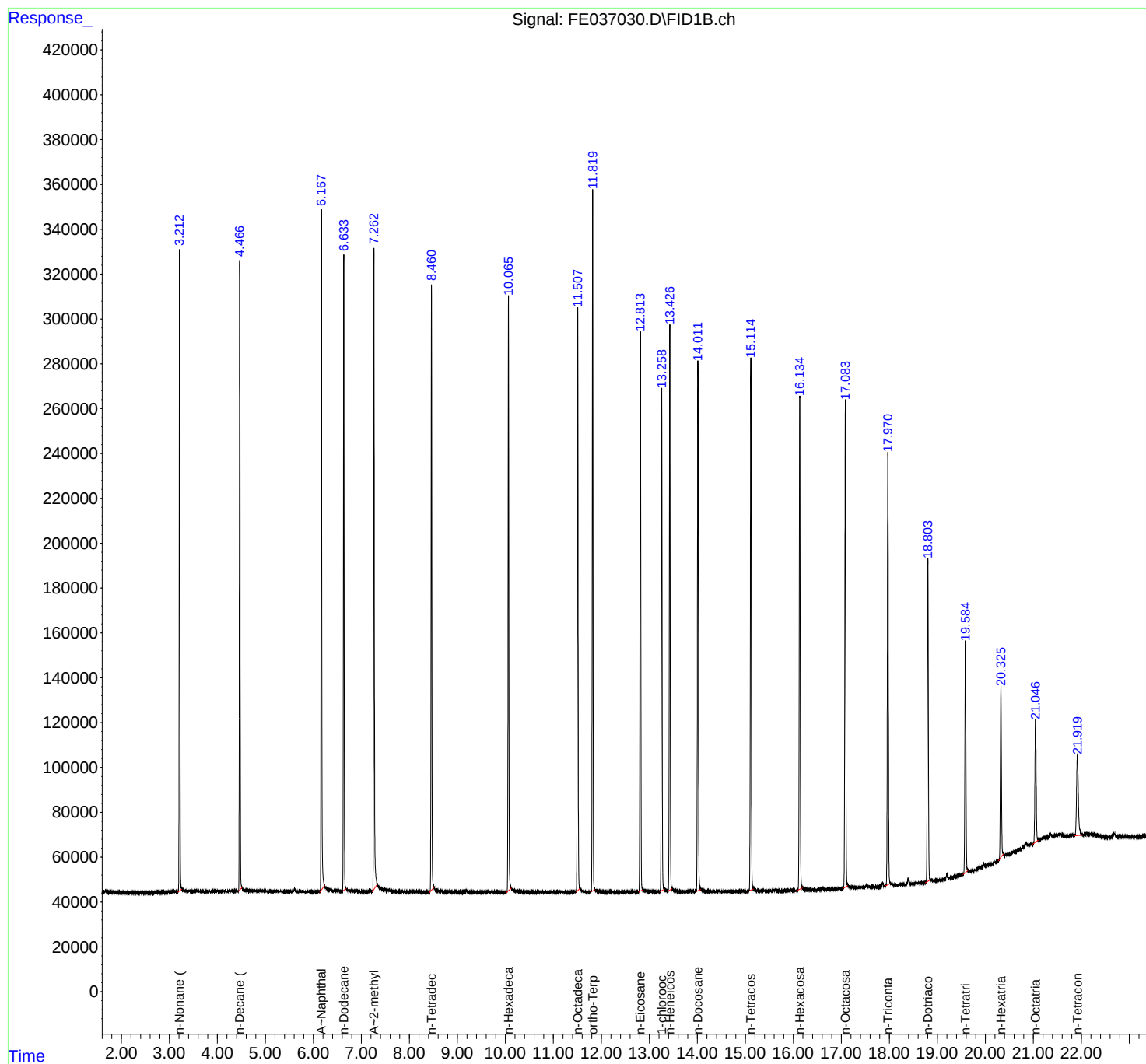
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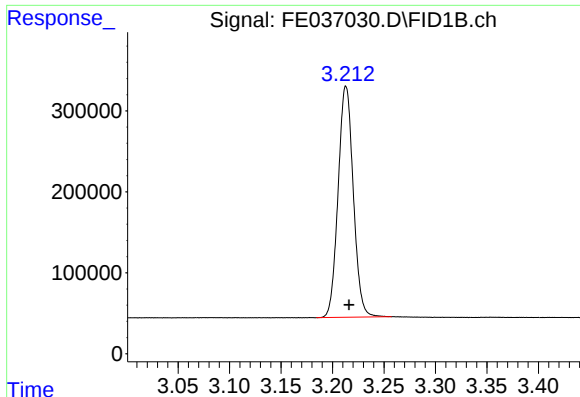
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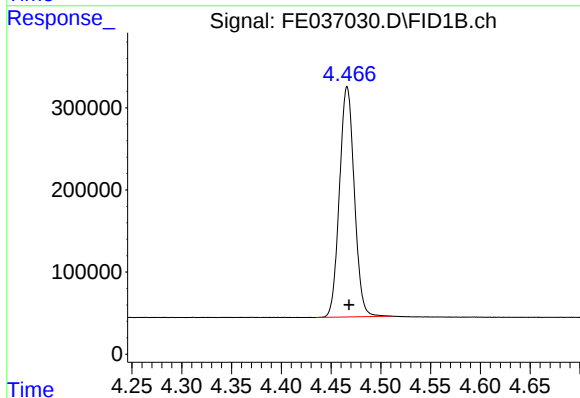
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: -0.003 min
Response: 2932638
Conc: 19.08 ug/ml

Instrument :
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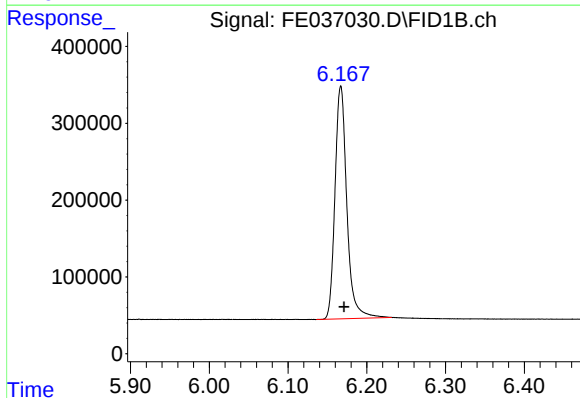
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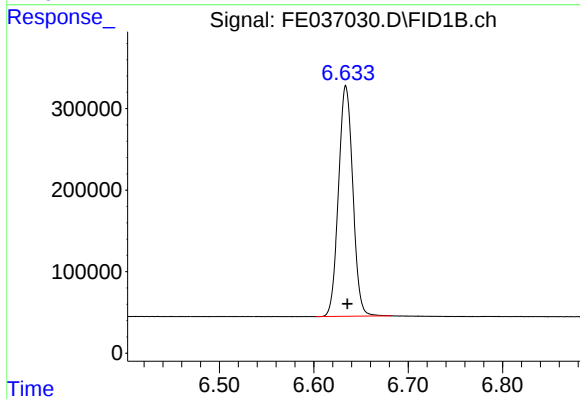
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 2912722
Conc: 19.06 ug/ml



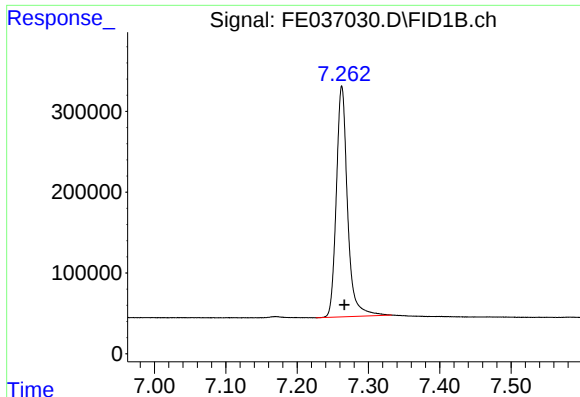
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 3164538
Conc: 19.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.002 min
Response: 2985356
Conc: 19.11 ug/ml



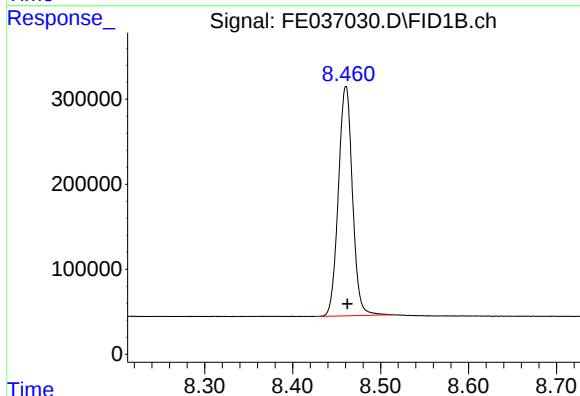
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.004 min
Response: 3117578
Conc: 19.21 ug/ml

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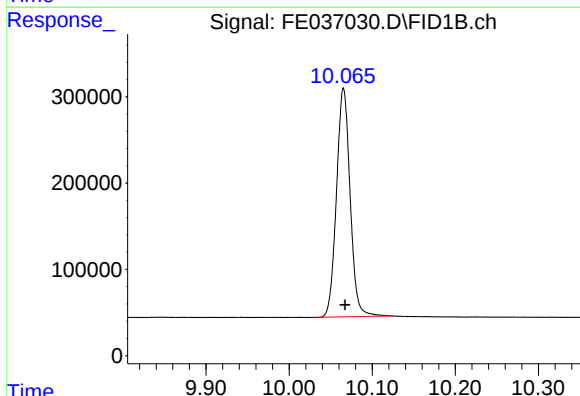
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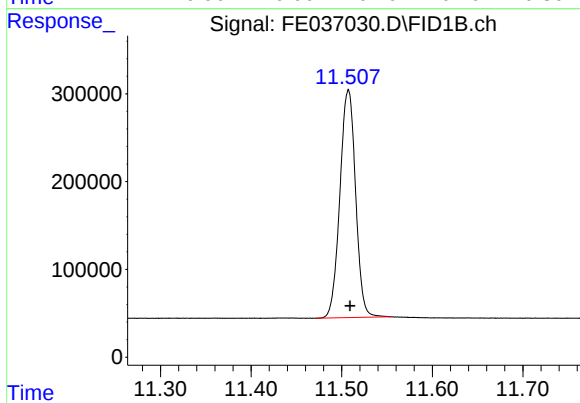
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 3007760
Conc: 19.03 ug/ml



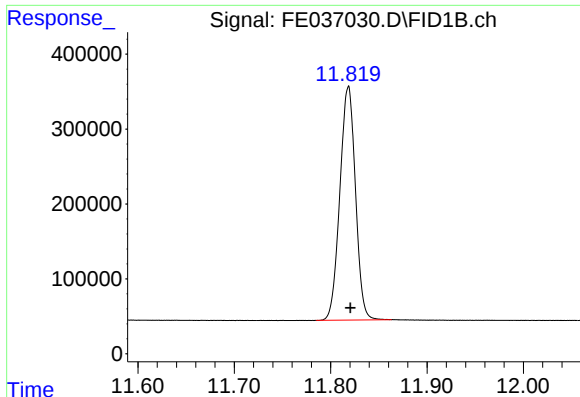
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.002 min
Response: 3026367
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 3122319
Conc: 19.02 ug/ml



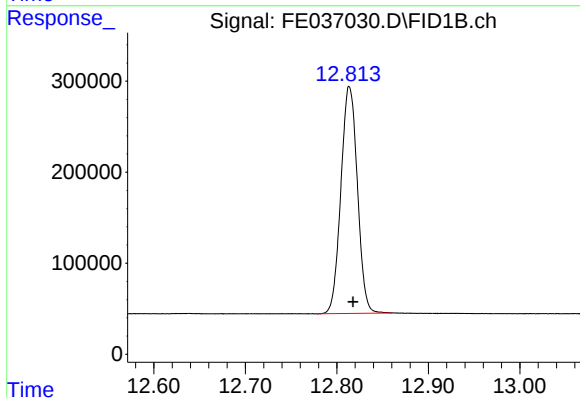
#9 ortho-Terphenyl (SURR)

R.T.: 11.818 min
Delta R.T.: -0.002 min
Response: 3500254
Conc: 19.03 ug/ml

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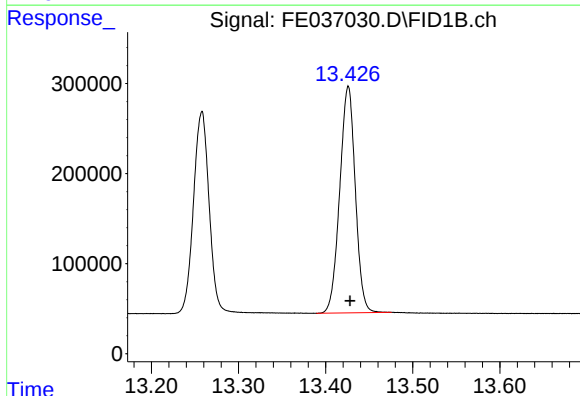
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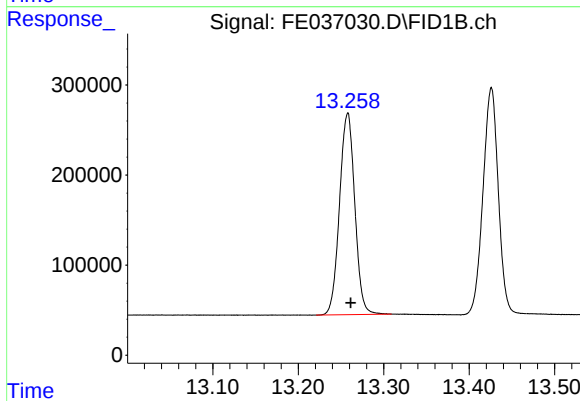
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.004 min
Response: 3122967
Conc: 19.02 ug/ml



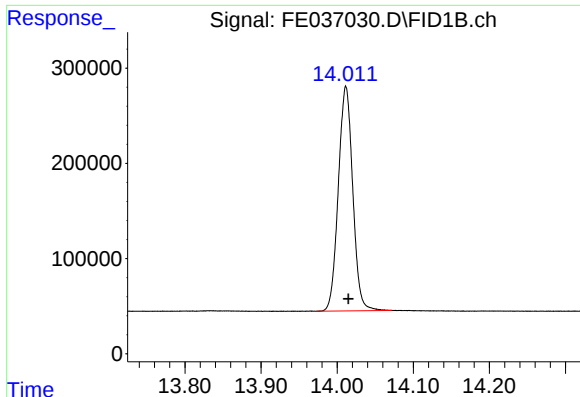
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.002 min
Response: 3127356
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.003 min
Response: 2780234
Conc: 19.05 ug/ml



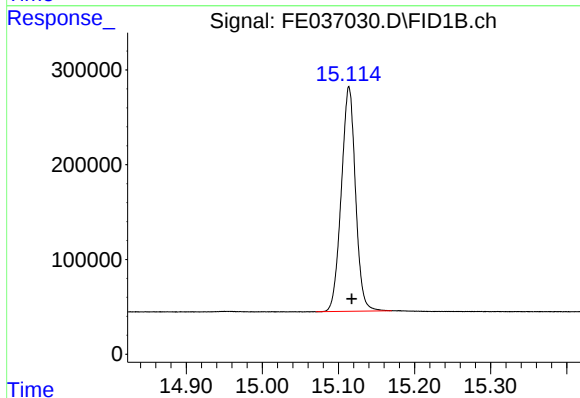
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.003 min
Response: 3108118
Conc: 19.10 ug/ml

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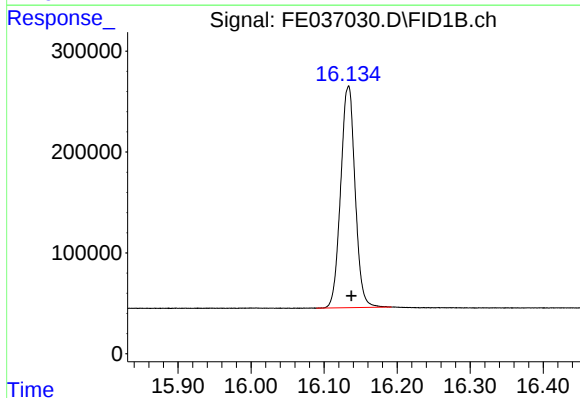
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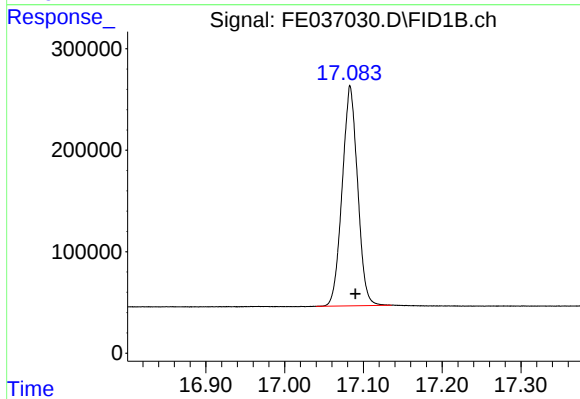
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.003 min
Response: 3076791
Conc: 19.04 ug/ml



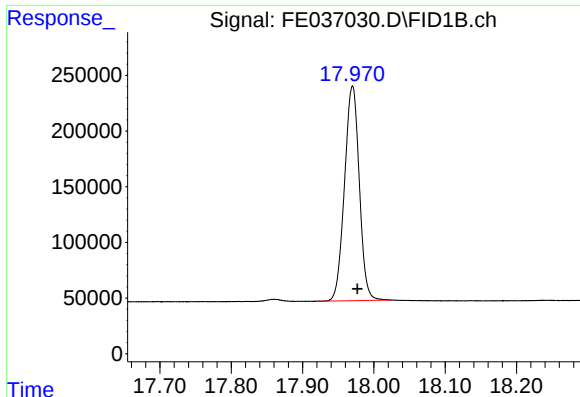
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: -0.004 min
Response: 3016128
Conc: 19.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.006 min
Response: 2950684
Conc: 18.98 ug/ml



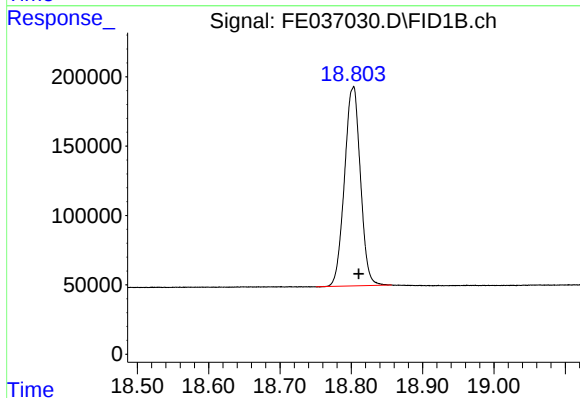
#17 n-Tricontane (C30)

R.T.: 17.970 min
Delta R.T.: -0.007 min
Response: 2776704
Conc: 19.04 ug/ml

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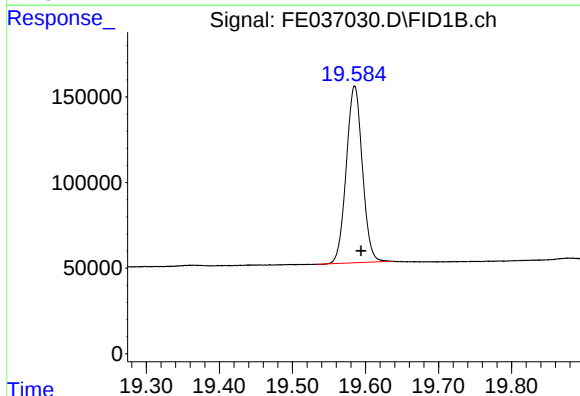
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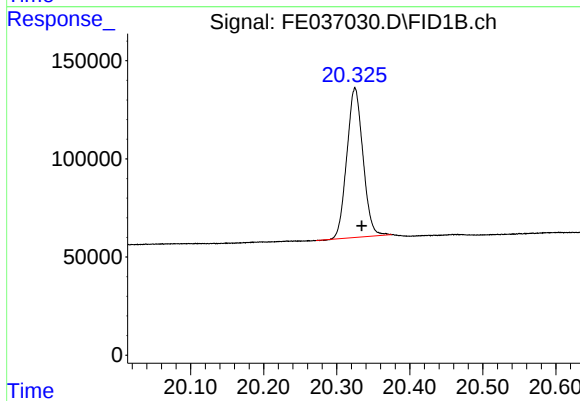
#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.008 min
Response: 2222797
Conc: 19.13 ug/ml



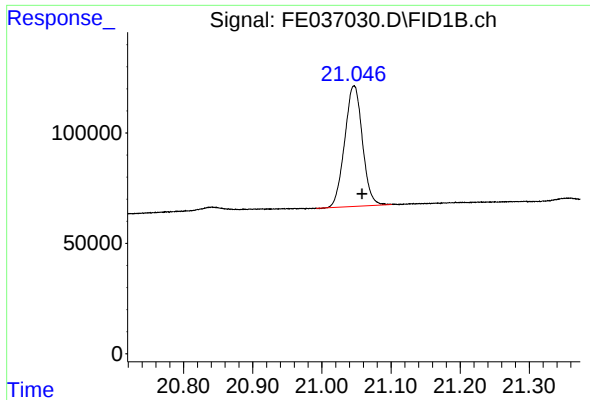
#19 n-Tetratriacontane (C34)

R.T.: 19.585 min
Delta R.T.: -0.009 min
Response: 1578147
Conc: 19.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.325 min
Delta R.T.: -0.009 min
Response: 1166696
Conc: 19.31 ug/ml



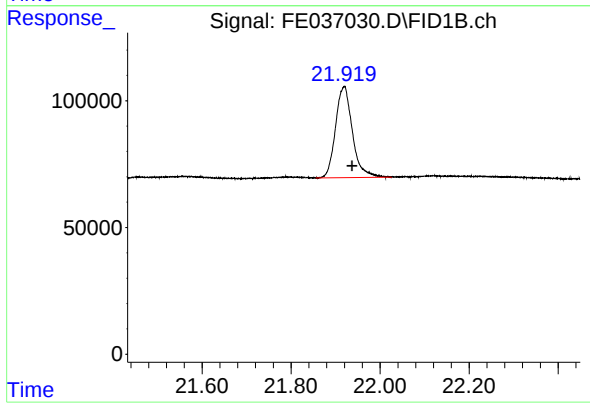
#21 n-Octatriacontane (C38)

R.T.: 21.047 min
Delta R.T.: -0.012 min
Response: 972388
Conc: 19.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: -0.018 min
Response: 950465
Conc: 19.75 ug/ml m