

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081522AL\
 Data File : FE037066.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2022 19:19
 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 08/16/2022
 Supervised By :Ankita Jodhani 08/16/2022

Integration File: sample.E
 Quant Time: Aug 16 02:57:46 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)	11.817	3526892	19.175 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.256	2819110	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.210	2995397	19.489 ug/mlm
2) T n-Decane (C10)	4.464	3073743	20.111 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3386652	20.583 ug/ml
4) T n-Dodecane (C12)	6.633	3137484	20.089 ug/ml
5) T A~2-methylnaphthalene...	7.261	3382989	20.844 ug/ml
6) T n-Tetradecane (C14)	8.459	3192558	20.202 ug/ml
7) T n-Hexadecane (C16)	10.064	3160553	19.872 ug/ml
8) T n-Octadecane (C18)	11.505	3210912	19.557 ug/ml
10) T n-Eicosane (C20)	12.813	3158572	19.239 ug/ml
11) T n-Heneicosane (C21)	13.424	3172634	19.304 ug/ml
13) T n-Docosane (C22)	14.009	3134031	19.262 ug/ml
14) T n-Tetracosane (C24)	15.112	3087501	19.103 ug/ml
15) T n-Hexacosane (C26)	16.131	2987312	18.833 ug/ml
16) T n-Octacosane (C28)	17.080	2917416	18.770 ug/ml
17) T n-Tricontane (C30)	17.968	2756062	18.898 ug/ml
18) T n-Dotriacontane (C32)	18.799	2169086	18.666 ug/mlm
19) T n-Tetratriacontane (C34)	19.585	1570152	19.054 ug/mlm
20) T n-Hexatriacontane (C36)	20.322	1180228	19.536 ug/mlm
21) T n-Octatriacontane (C38)	21.042	997115	19.551 ug/mlm
22) T n-Tetracontane (C40)	21.913	967213	20.095 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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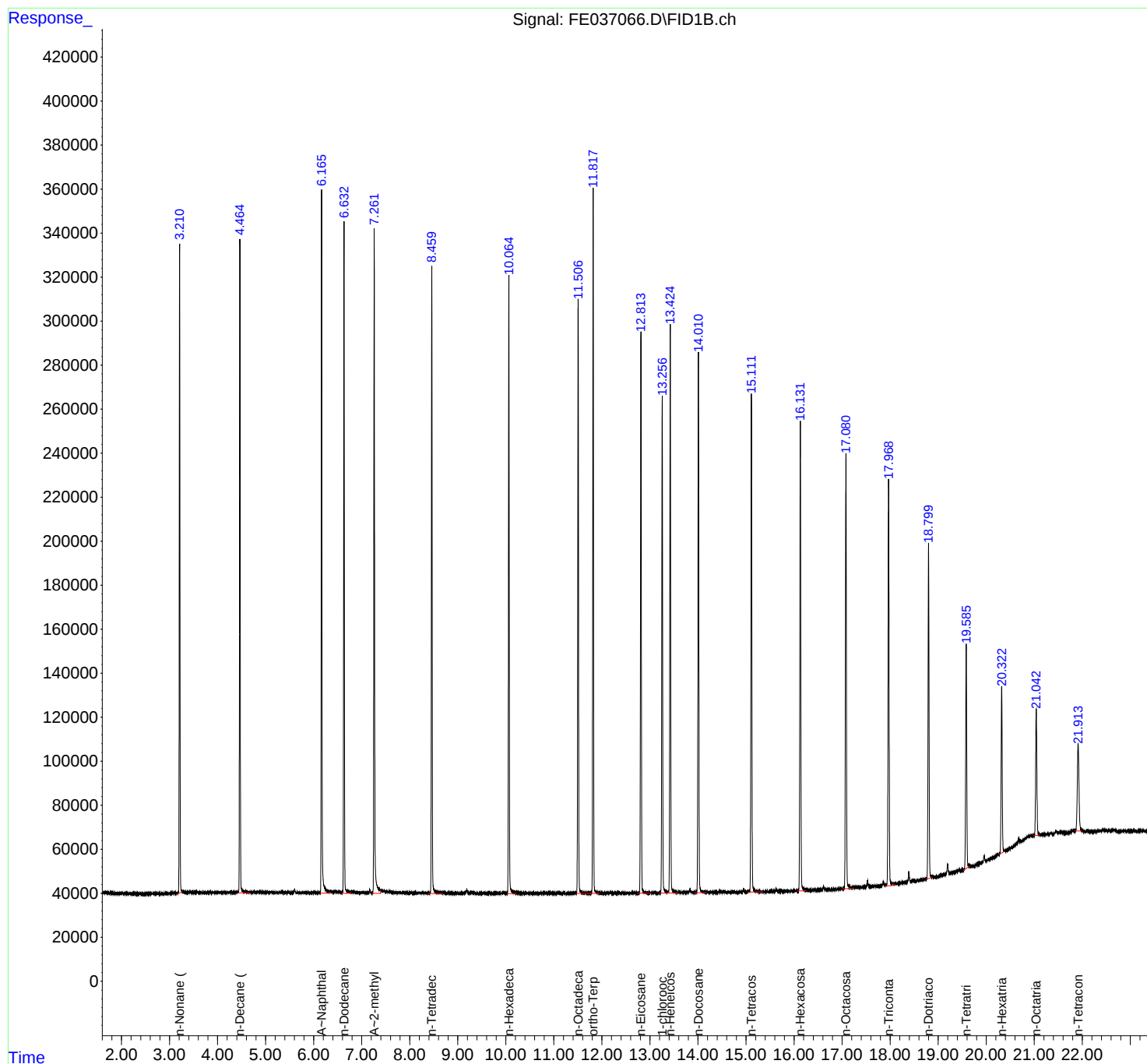
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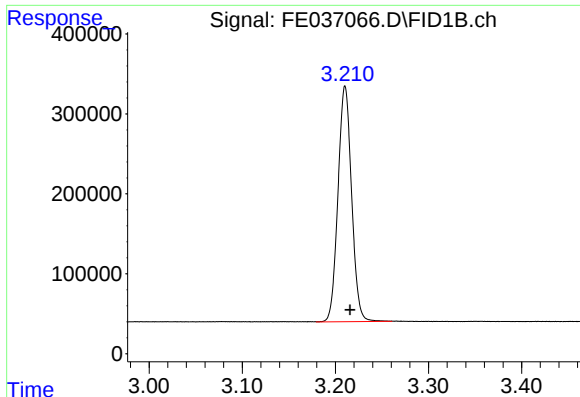
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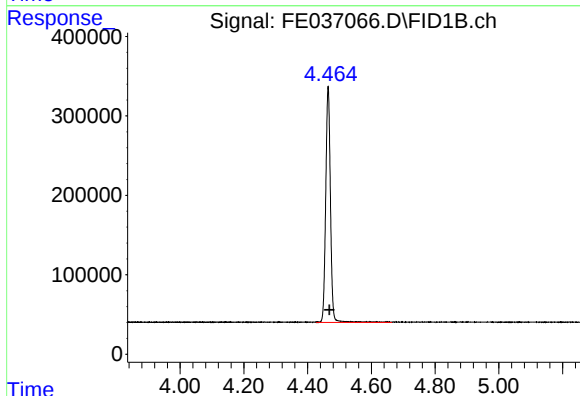
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.006 min
Response: 2995397
Conc: 19.49 ug/ml

Instrument : FID_E
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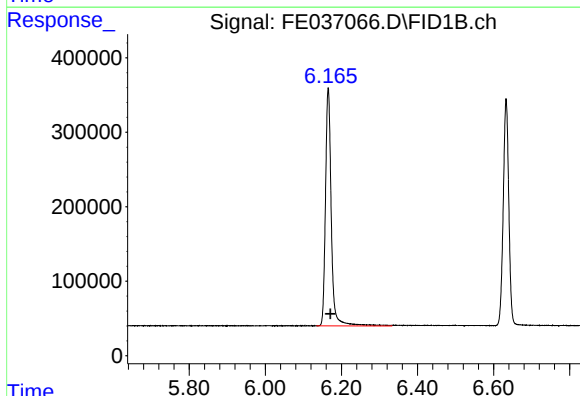
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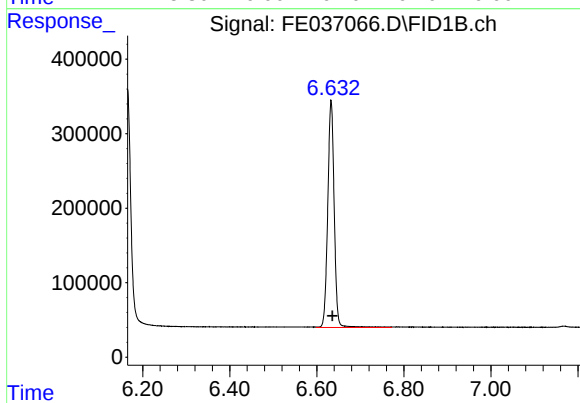
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.004 min
Response: 3073743
Conc: 20.11 ug/ml



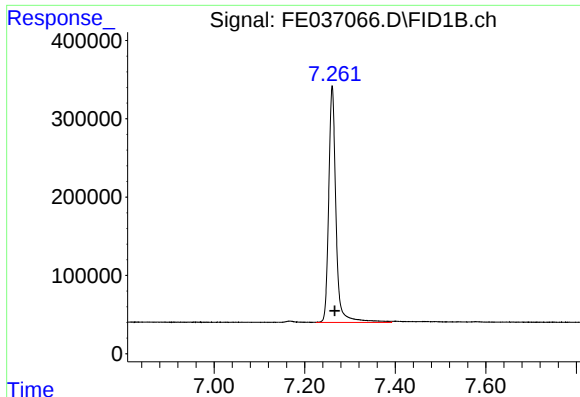
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.006 min
Response: 3386652
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.003 min
Response: 3137484
Conc: 20.09 ug/ml



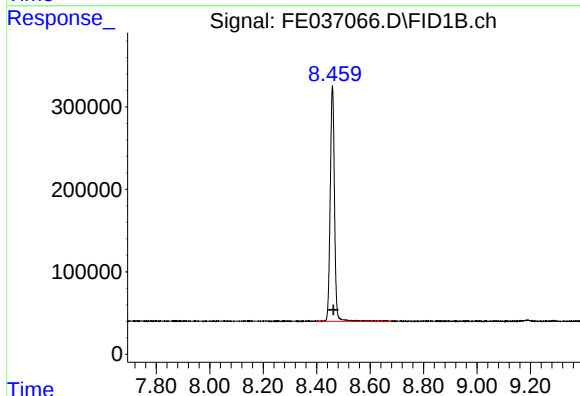
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.005 min
Response: 3382989
Conc: 20.84 ug/ml

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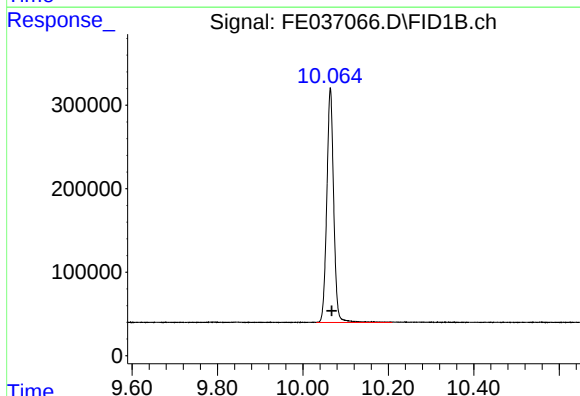
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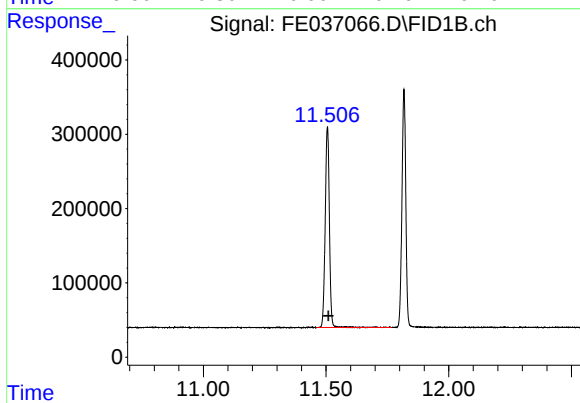
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 3192558
Conc: 20.20 ug/ml



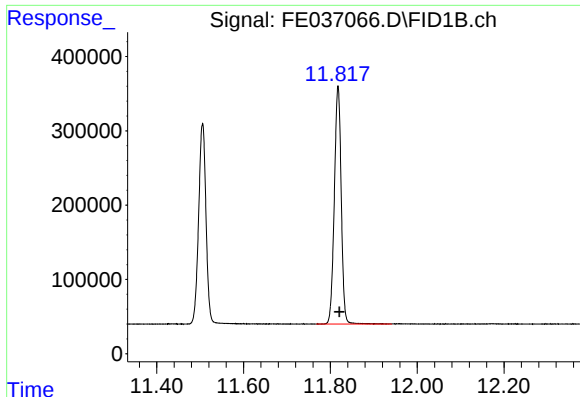
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.003 min
Response: 3160553
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.004 min
Response: 3210912
Conc: 19.56 ug/ml



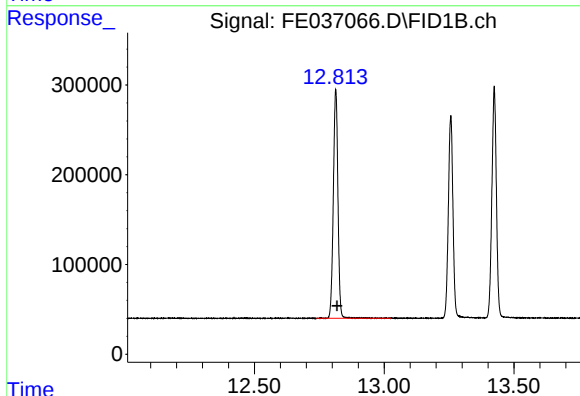
#9 ortho-Terphenyl (SURR)

R.T.: 11.817 min
Delta R.T.: -0.003 min
Response: 3526892
Conc: 19.17 ug/ml

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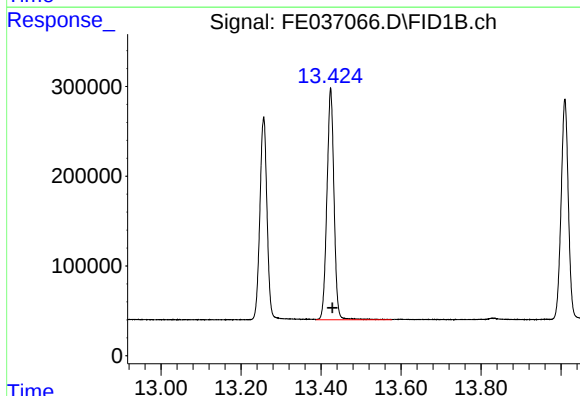
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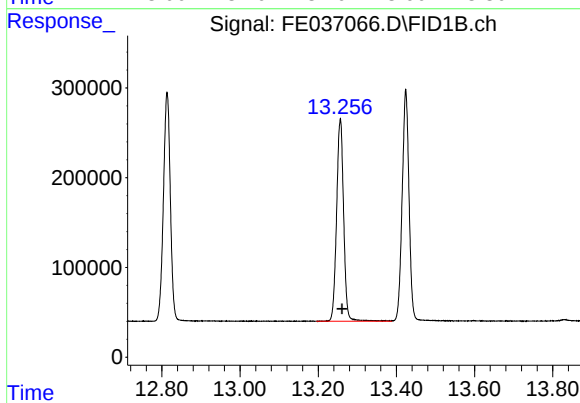
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.004 min
Response: 3158572
Conc: 19.24 ug/ml



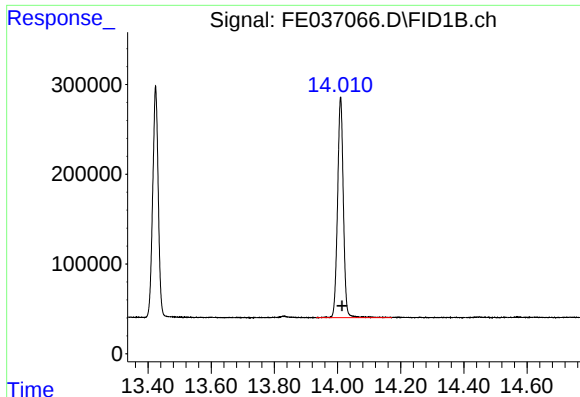
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.004 min
Response: 3172634
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.256 min
Delta R.T.: -0.005 min
Response: 2819110
Conc: 19.32 ug/ml



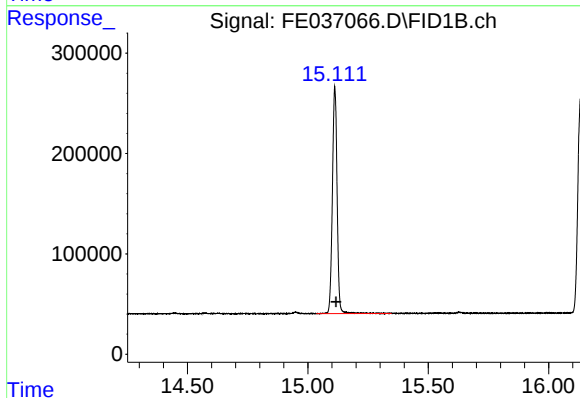
#13 n-Docosane (C22)

R.T.: 14.009 min
Delta R.T.: -0.005 min
Response: 3134031
Conc: 19.26 ug/ml

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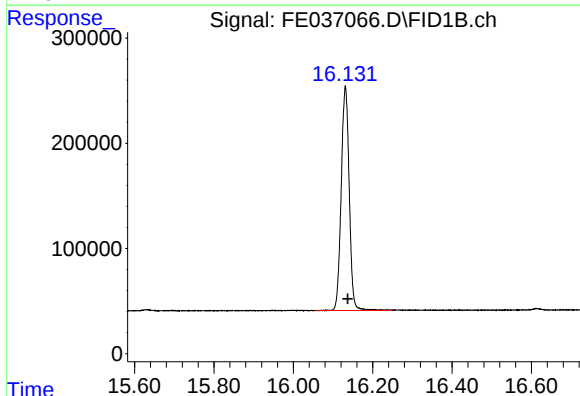
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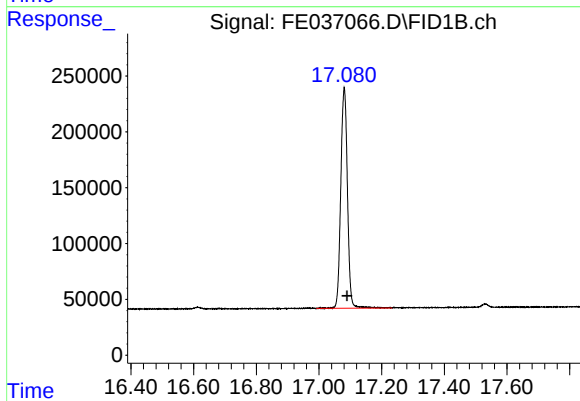
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.005 min
Response: 3087501
Conc: 19.10 ug/ml



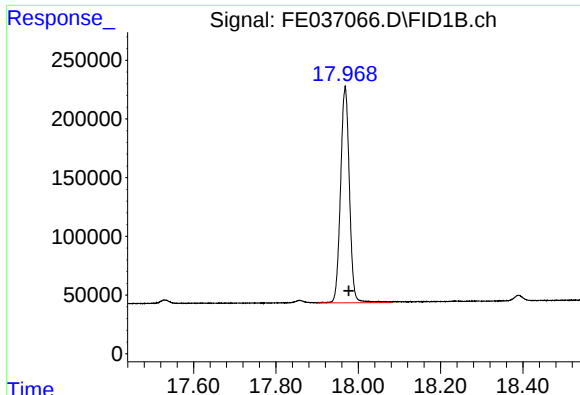
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.006 min
Response: 2987312
Conc: 18.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.080 min
Delta R.T.: -0.009 min
Response: 2917416
Conc: 18.77 ug/ml



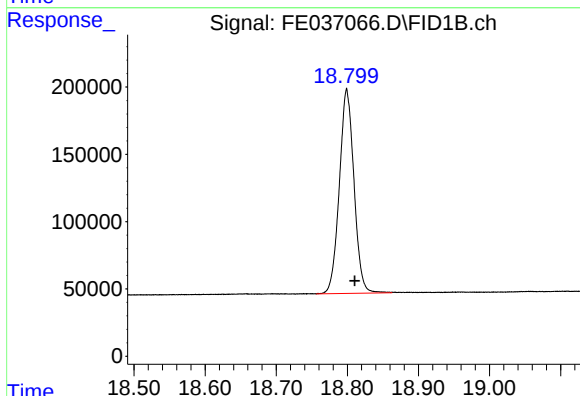
#17 n-Tricontane (C30)

R.T.: 17.968 min
Delta R.T.: -0.009 min
Response: 2756062
Conc: 18.90 ug/ml

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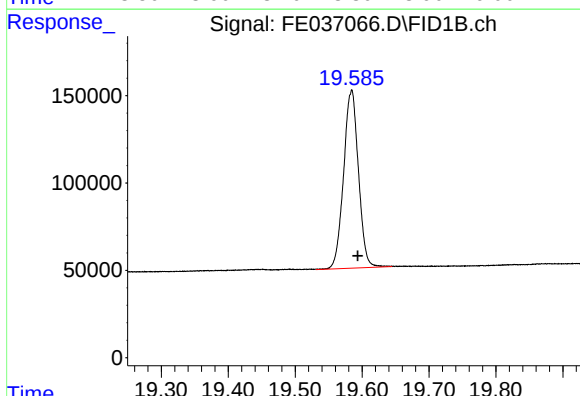
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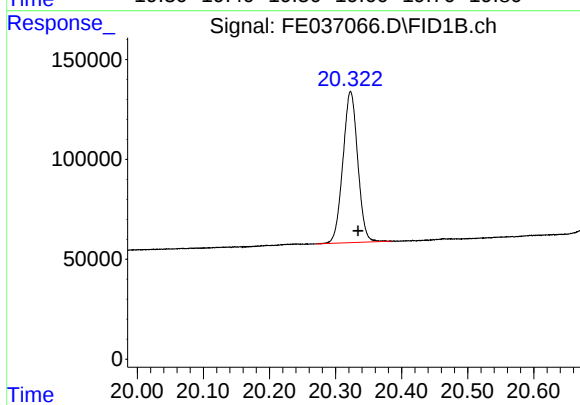
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: -0.012 min
Response: 2169086
Conc: 18.67 ug/ml m



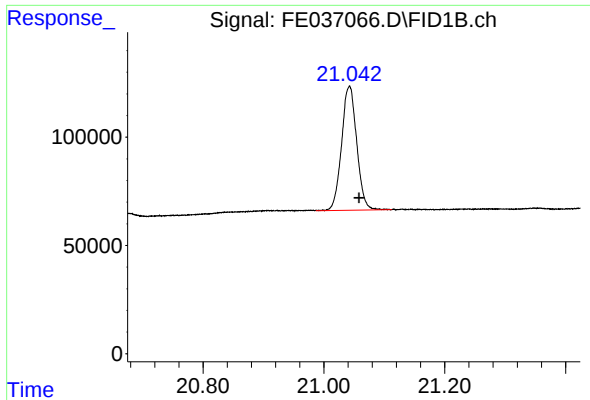
#19 n-Tetratriacontane (C34)

R.T.: 19.585 min
Delta R.T.: -0.009 min
Response: 1570152
Conc: 19.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.322 min
Delta R.T.: -0.012 min
Response: 1180228
Conc: 19.54 ug/ml m



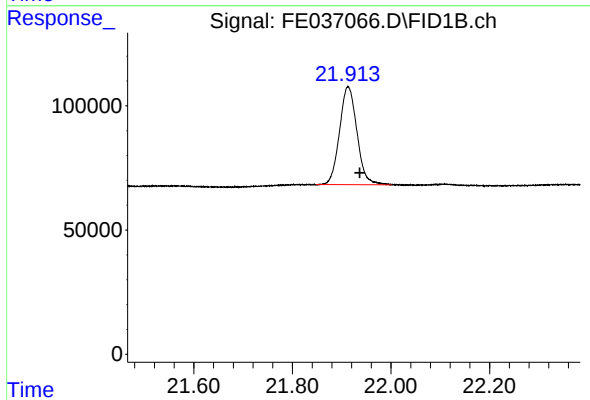
#21 n-Octatriacontane (C38)

R.T.: 21.042 min
Delta R.T.: -0.016 min
Response: 997115
Conc: 19.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: -0.024 min
Response: 967213
Conc: 20.10 ug/ml m