

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081622AL\
 Data File : FE037106.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2022 01:47
 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 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 06:04:50 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	3563909	19.376 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	13.257	2806601	19.230 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.210	3160278	20.561 ug/ml
2) T n-Decane (C10)	4.464	3171597	20.751 ug/ml
3) T A~Naphthalene (C11.7)	6.166	3407808	20.711 ug/ml
4) T n-Dodecane (C12)	6.633	3234357	20.709 ug/ml
5) T A~2-methylnaphthalene...	7.262	3381439	20.834 ug/ml
6) T n-Tetradecane (C14)	8.459	3240744	20.507 ug/ml
7) T n-Hexadecane (C16)	10.065	3233930	20.334 ug/ml
8) T n-Octadecane (C18)	11.506	3272828	19.934 ug/ml
10) T n-Eicosane (C20)	12.814	3192169	19.444 ug/ml
11) T n-Heneicosane (C21)	13.425	3168510	19.279 ug/ml
13) T n-Docosane (C22)	14.011	3113628	19.136 ug/ml
14) T n-Tetracosane (C24)	15.112	3021089	18.692 ug/ml
15) T n-Hexacosane (C26)	16.131	2902205	18.296 ug/ml
16) T n-Octacosane (C28)	17.081	2821006	18.149 ug/ml
17) T n-Tricontane (C30)	17.969	2690109	18.446 ug/ml
18) T n-Dotriacontane (C32)	18.801	2193203	18.873 ug/ml
19) T n-Tetratriacontane (C34)	19.584	1596652	19.375 ug/ml
20) T n-Hexatriacontane (C36)	20.323	1214866	20.110 ug/mlm
21) T n-Octatriacontane (C38)	21.043	1086773	21.309 ug/mlm
22) T n-Tetracontane (C40)	21.911	969786	20.149 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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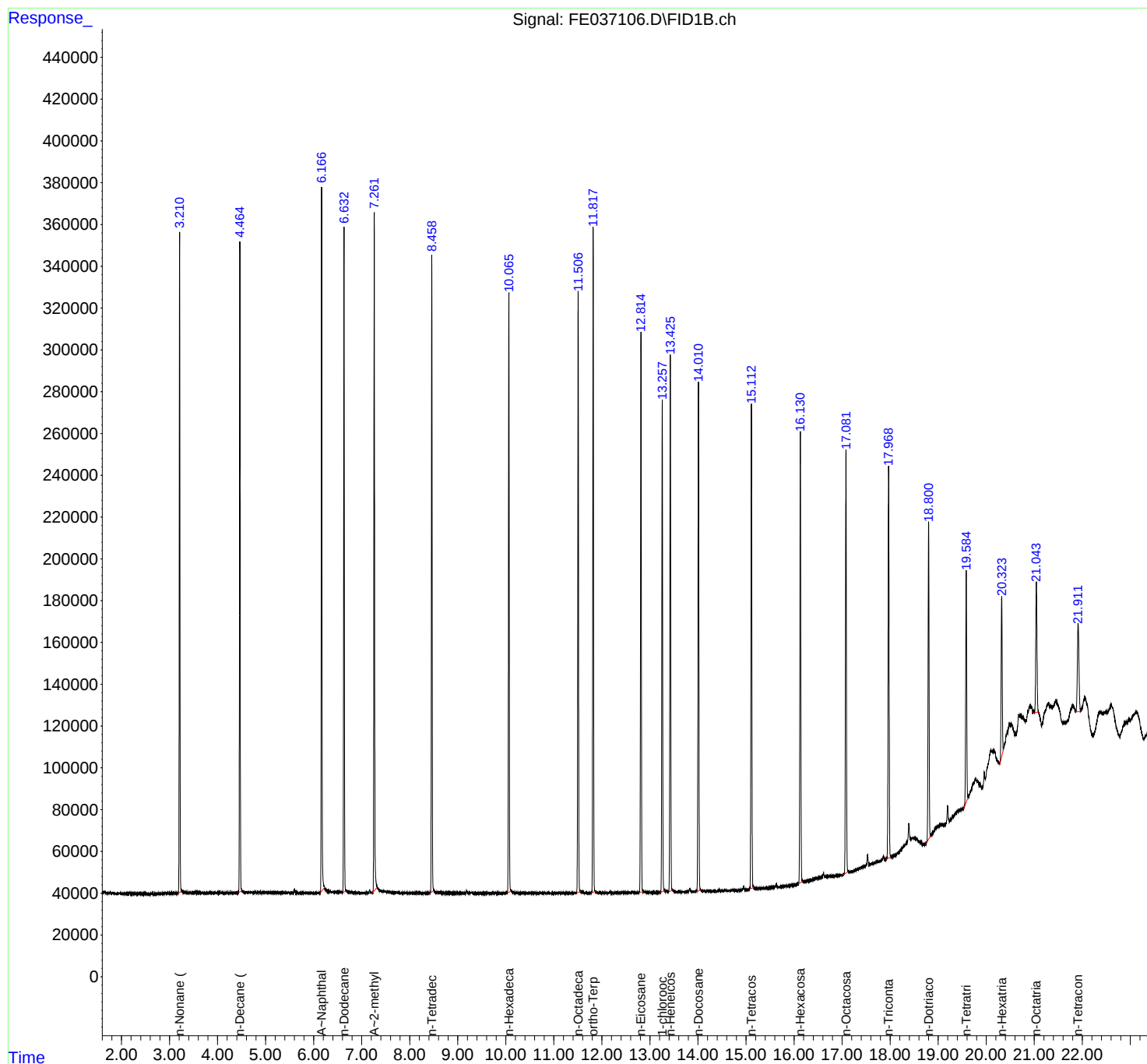
Instrument :
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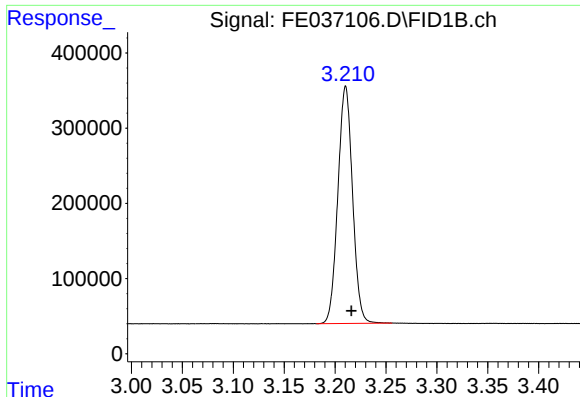
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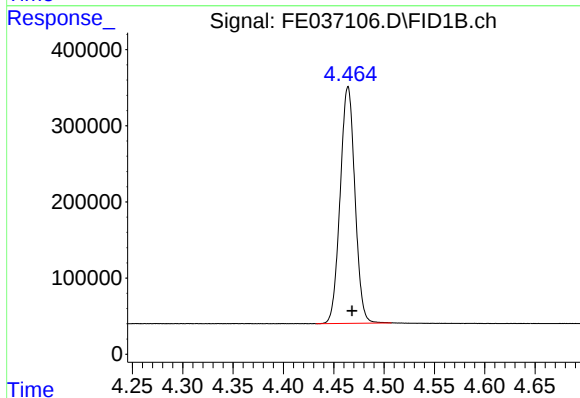
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.006 min
Response: 3160278
Conc: 20.56 ug/ml

Instrument :
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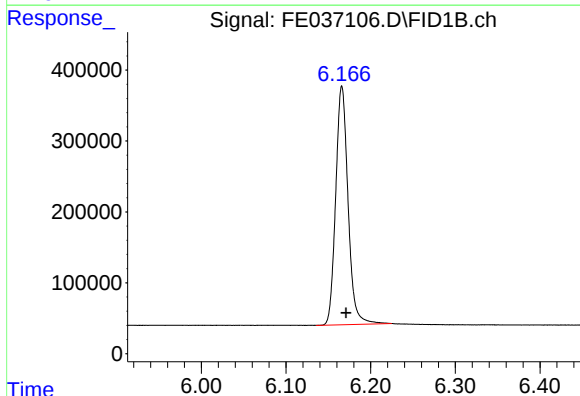
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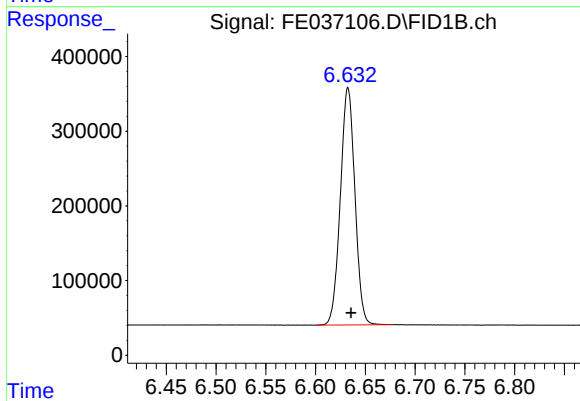
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.004 min
Response: 3171597
Conc: 20.75 ug/ml



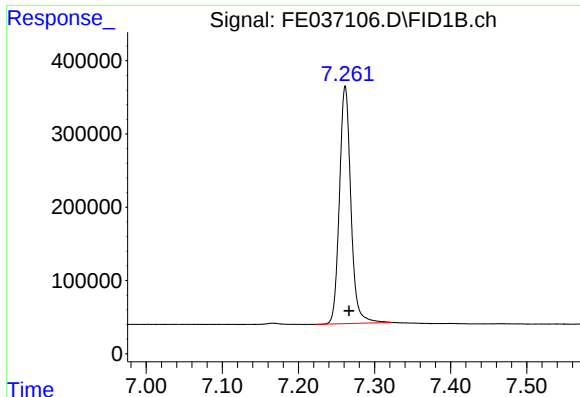
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.005 min
Response: 3407808
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.003 min
Response: 3234357
Conc: 20.71 ug/ml



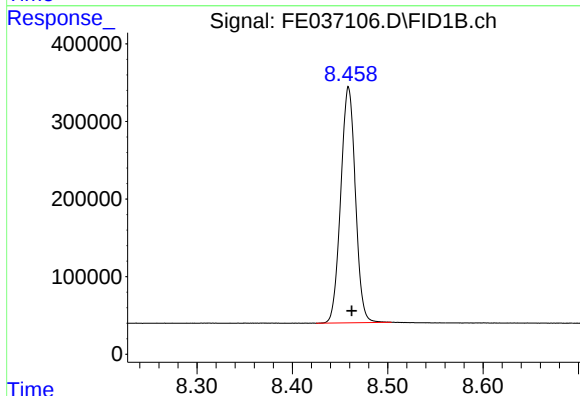
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.005 min
Response: 3381439
Conc: 20.83 ug/ml

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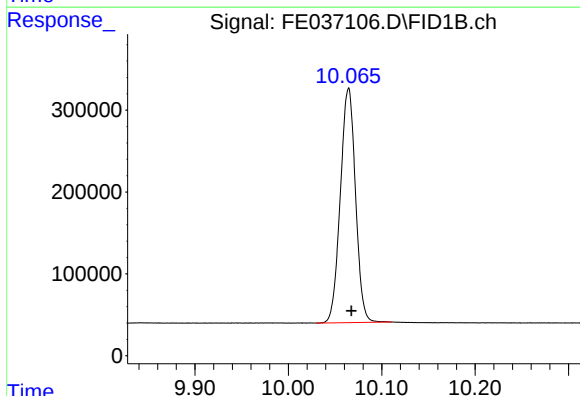
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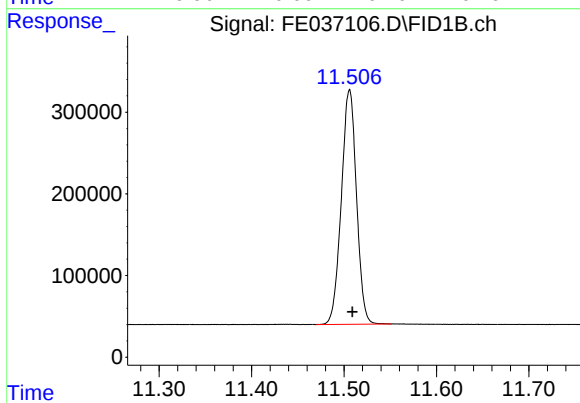
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 3240744
Conc: 20.51 ug/ml



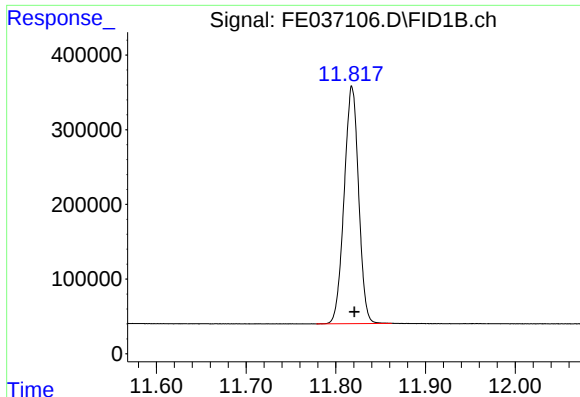
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.003 min
Response: 3233930
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: -0.003 min
Response: 3272828
Conc: 19.93 ug/ml



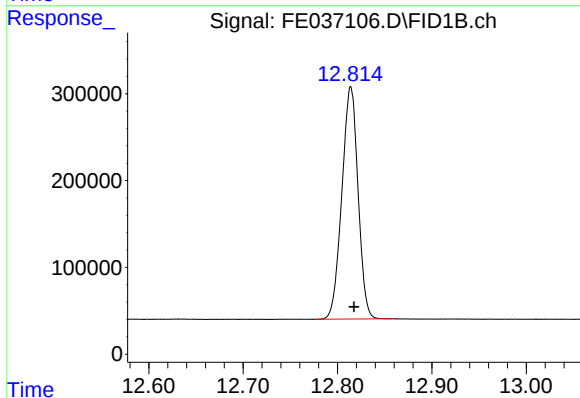
#9 ortho-Terphenyl (SURR)

R.T.: 11.818 min
Delta R.T.: -0.003 min
Response: 3563909
Conc: 19.38 ug/ml

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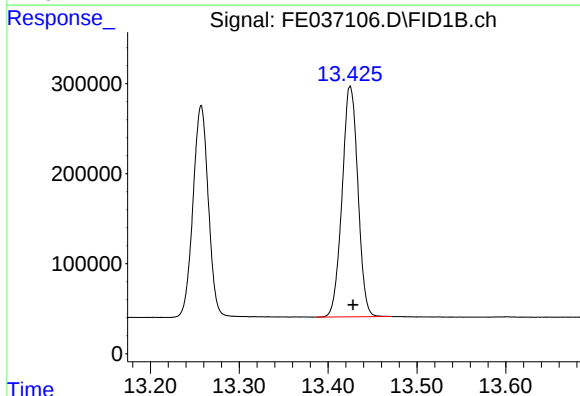
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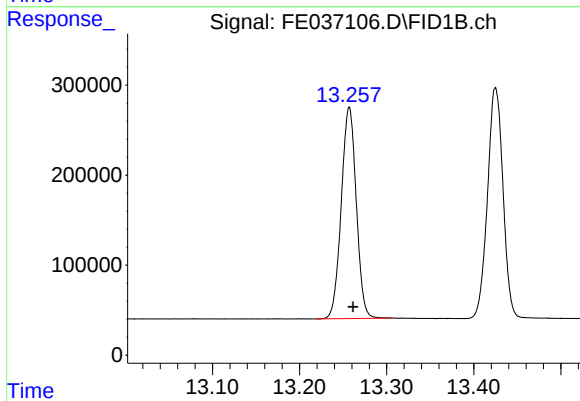
#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.004 min
Response: 3192169
Conc: 19.44 ug/ml



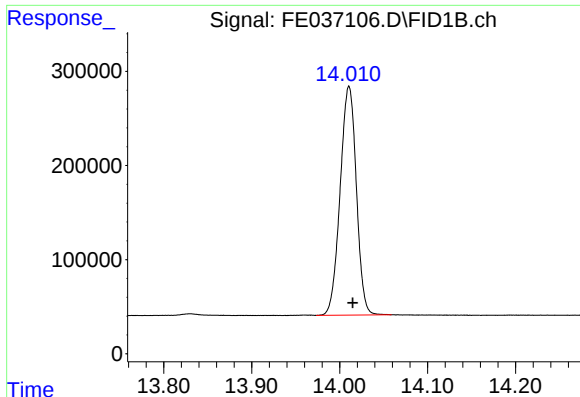
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.003 min
Response: 3168510
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.004 min
Response: 2806601
Conc: 19.23 ug/ml



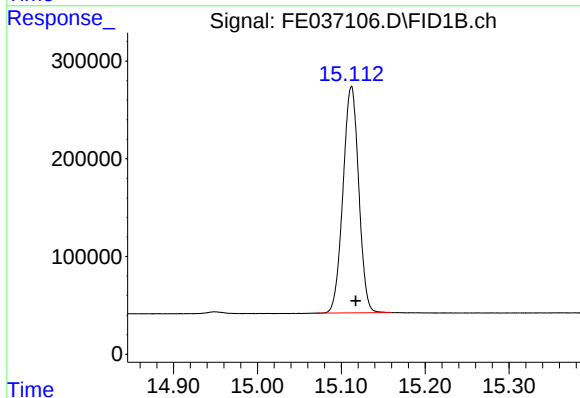
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.004 min
Response: 3113628
Conc: 19.14 ug/ml

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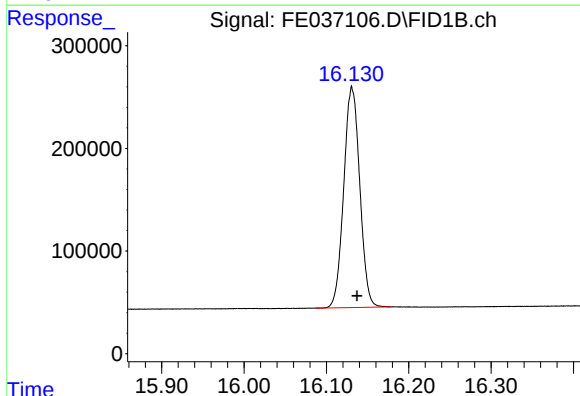
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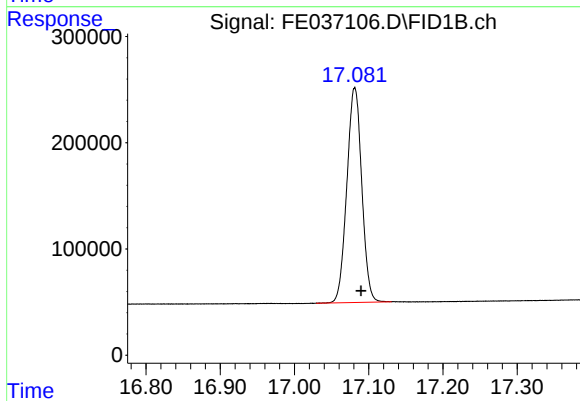
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.005 min
Response: 3021089
Conc: 18.69 ug/ml



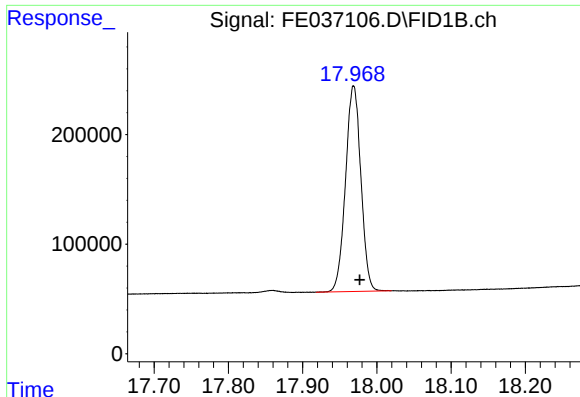
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.006 min
Response: 2902205
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.009 min
Response: 2821006
Conc: 18.15 ug/ml



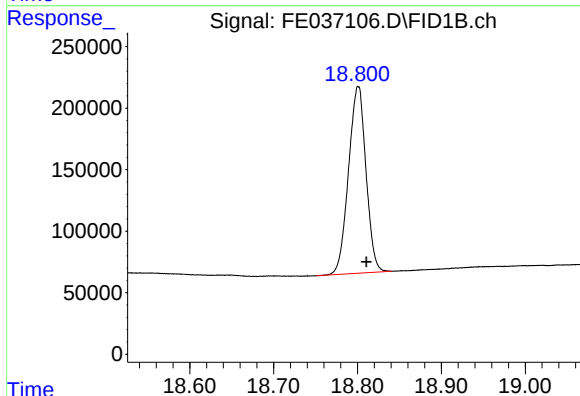
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: -0.008 min
Response: 2690109
Conc: 18.45 ug/ml

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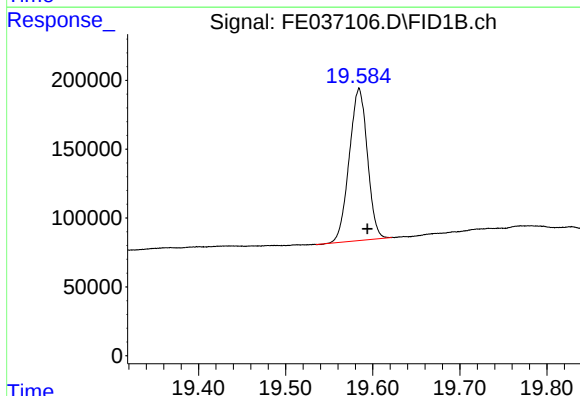
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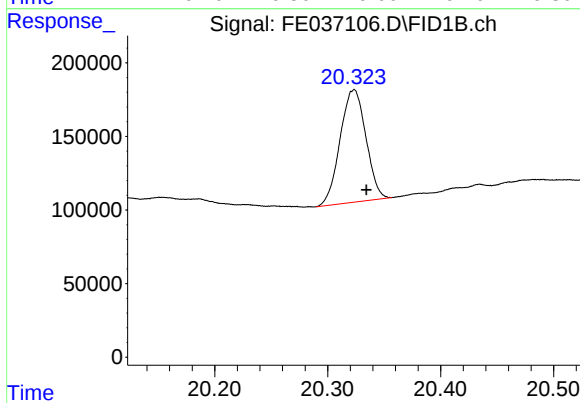
#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: -0.010 min
Response: 2193203
Conc: 18.87 ug/ml



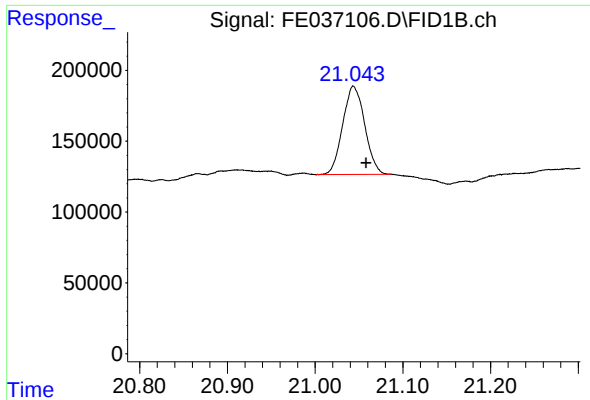
#19 n-Tetratriacontane (C34)

R.T.: 19.584 min
Delta R.T.: -0.009 min
Response: 1596652
Conc: 19.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.323 min
Delta R.T.: -0.011 min
Response: 1214866
Conc: 20.11 ug/ml m



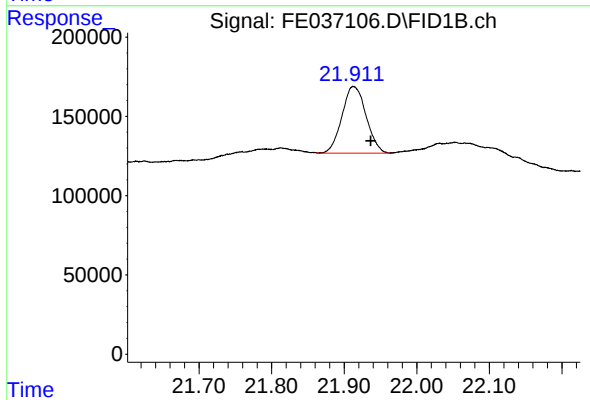
#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: -0.016 min
Response: 1086773
Conc: 21.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.025 min
Response: 969786
Conc: 20.15 ug/ml m