

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046311.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 17:18
 Operator : YP\AJ
 Sample : P1170-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

6MSD

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 01/22/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 19 22:10:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

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)	11.827	5516097	30.354 ug/ml
Spiked Amount 50.000		Recovery =	60.71%
12) S 1-chlorooctadecane (S...	13.269	4810872	36.007 ug/ml
Spiked Amount 50.000		Recovery =	72.01%
Target Compounds			
1) T n-Nonane (C9)	3.236	6848480	44.748 ug/ml
2) T n-Decane (C10)	4.476	7009514	45.165 ug/ml
3) T A~Naphthalene (C11.7)	6.171	7897756	47.489 ug/ml
4) T n-Dodecane (C12)	6.634	7320229	46.884 ug/ml
5) T A~2-methylnaphthalene...	7.265	7537747	47.344 ug/ml
6) T n-Tetradecane (C14)	8.460	7378663	47.368 ug/ml
7) T n-Hexadecane (C16)	10.069	7218656	45.585 ug/ml
8) T n-Octadecane (C18)	11.513	7221816	45.884 ug/ml
10) T n-Eicosane (C20)	12.826	7178605	47.453 ug/ml
11) T n-Heneicosane (C21)	13.438	6859024	46.644 ug/ml
13) T n-Docosane (C22)	14.025	6753602	46.203 ug/ml
14) T n-Tetracosane (C24)	15.129	15525905	107.051 ug/ml
15) T n-Hexacosane (C26)	16.154	6603079	46.057 ug/ml
16) T n-Octacosane (C28)	17.105	8211235	57.253 ug/mlm
17) T n-Tricontane (C30)	17.999	6554449	44.097 ug/ml
18) T n-Dotriacontane (C32)	18.832	7068352	47.260 ug/mlm
19) T n-Tetratriacontane (C34)	19.618	6531036	45.590 ug/ml
20) T n-Hexatriacontane (C36)	20.359	6499665	44.579 ug/mlm
21) T n-Octatriacontane (C38)	21.095	6684222	45.329 ug/ml
22) T n-Tetracontane (C40)	21.987	6644901	42.452 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

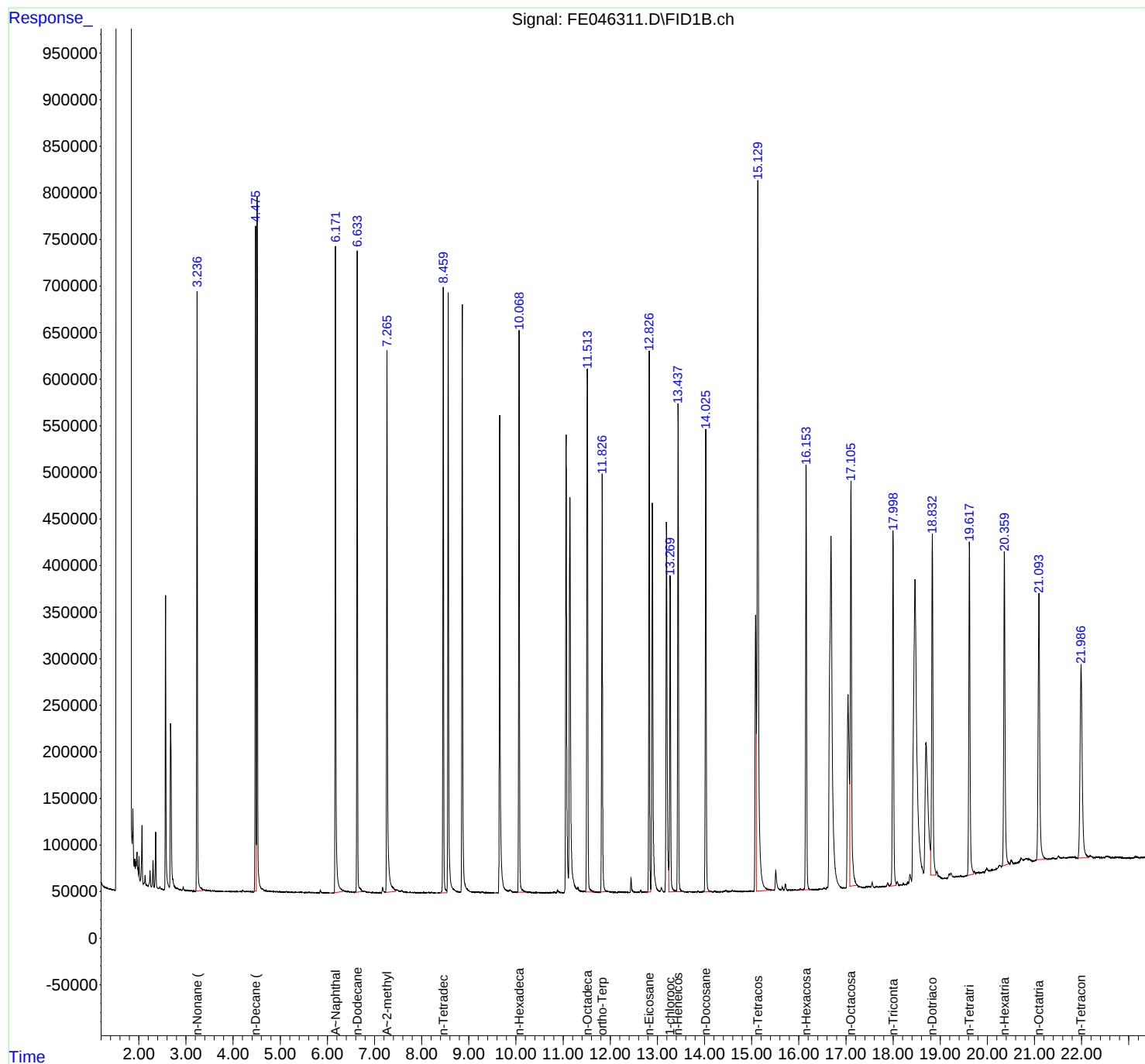
Instrument :
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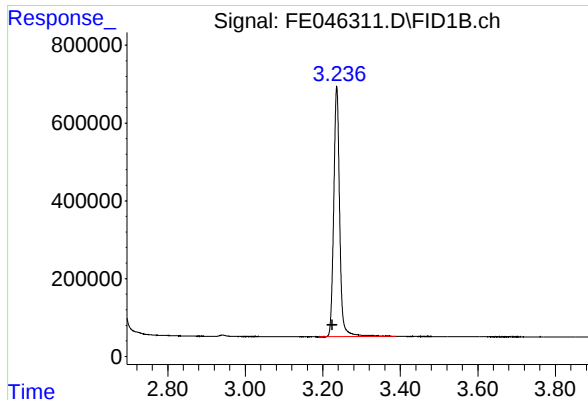
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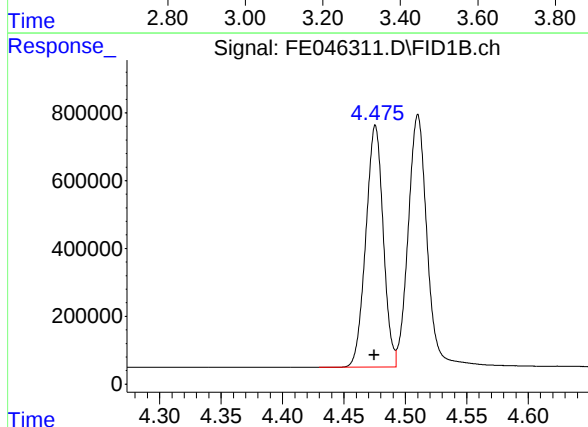
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: 0.012 min
Response: 6848480
Conc: 44.75 ug/ml

Instrument :
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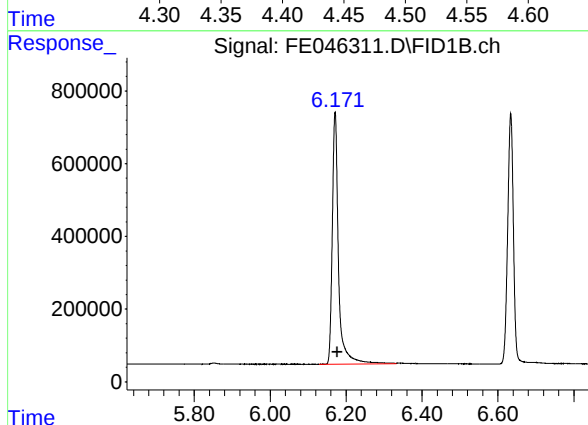
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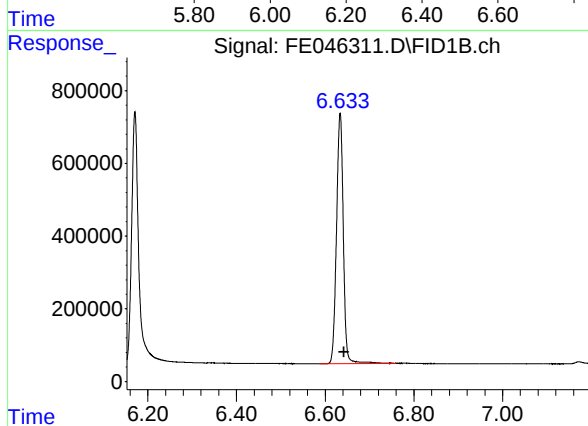
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 7009514
Conc: 45.17 ug/ml



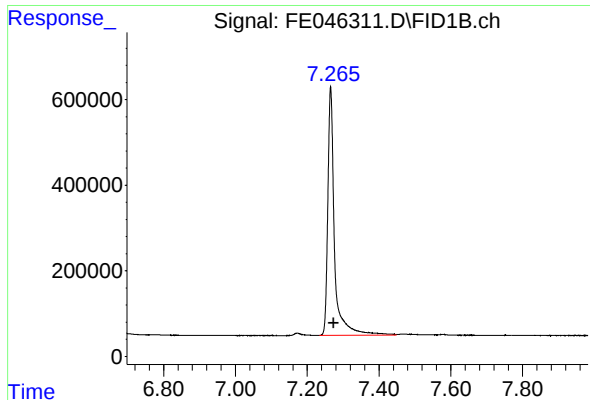
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 7897756
Conc: 47.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.009 min
Response: 7320229
Conc: 46.88 ug/ml



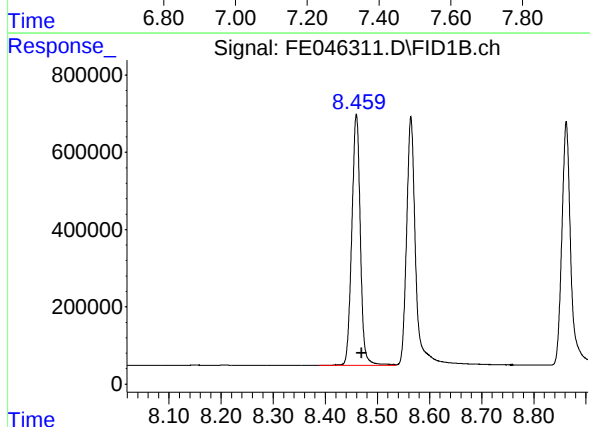
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 7537747
Conc: 47.34 ug/ml

Instrument :
FID_E
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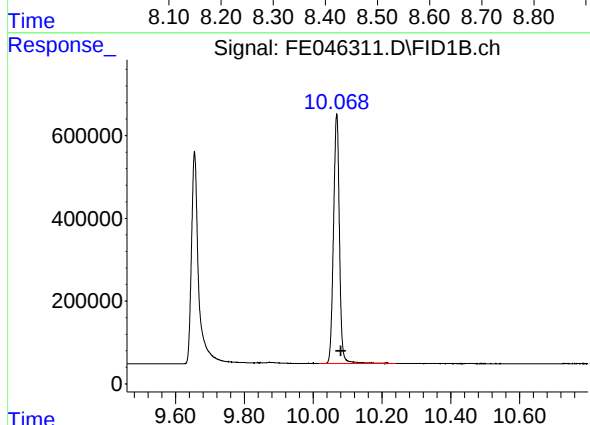
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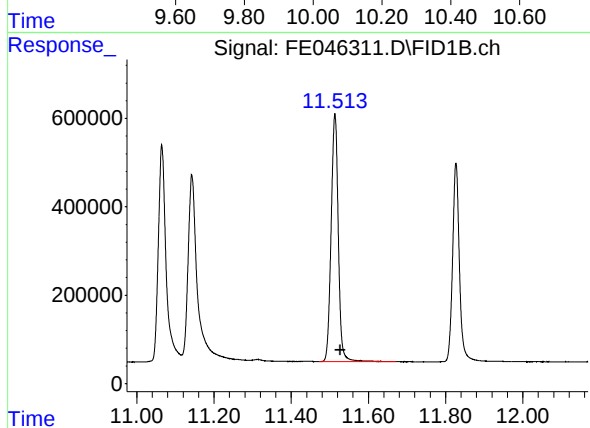
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 7378663
Conc: 47.37 ug/ml



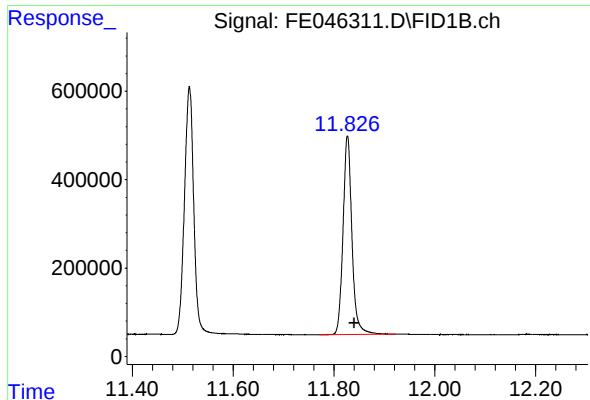
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.012 min
Response: 7218656
Conc: 45.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.013 min
Response: 7221816
Conc: 45.88 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: -0.013 min
Response: 5516097
Conc: 30.35 ug/ml

Instrument :

FID_E

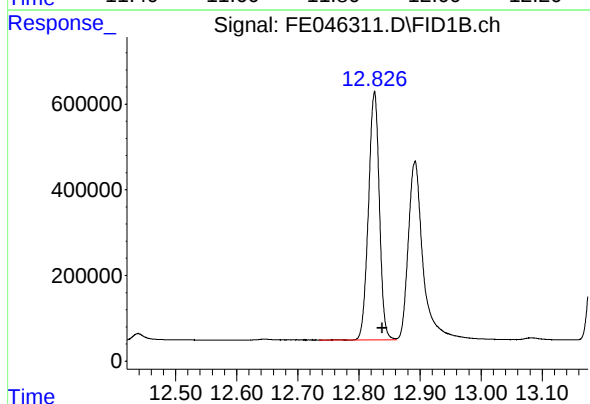
ClientSampleId :

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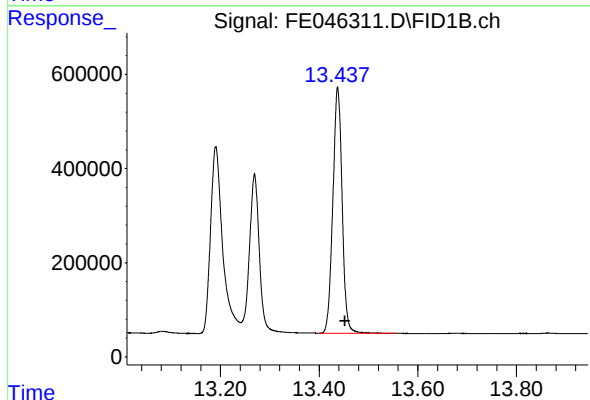
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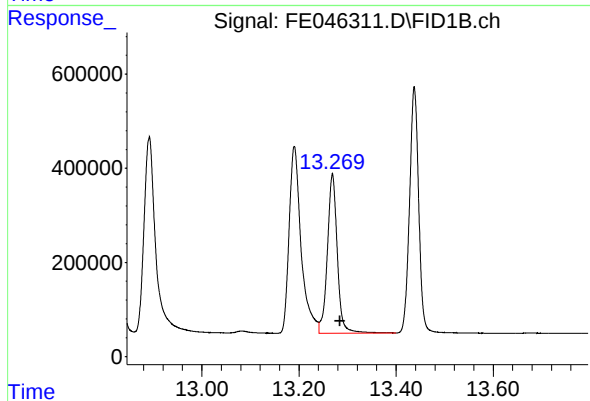
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.013 min
Response: 7178605
Conc: 47.45 ug/ml



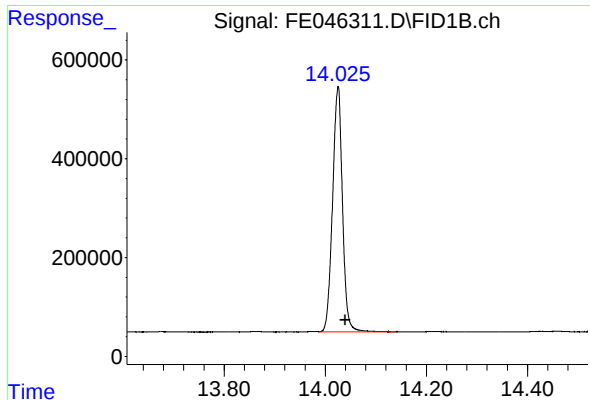
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.015 min
Response: 6859024
Conc: 46.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.015 min
Response: 4810872
Conc: 36.01 ug/ml



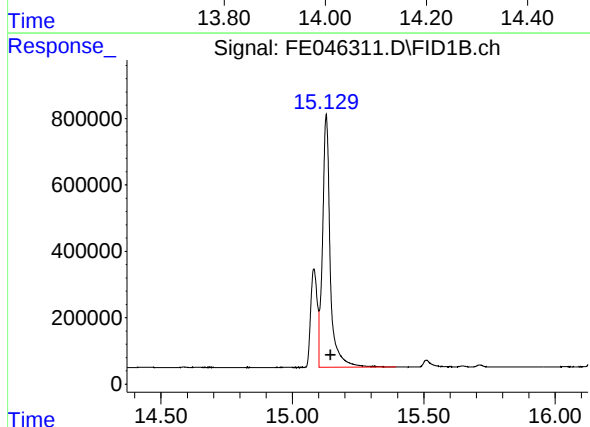
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.014 min
Response: 6753602
Conc: 46.20 ug/ml

Instrument :
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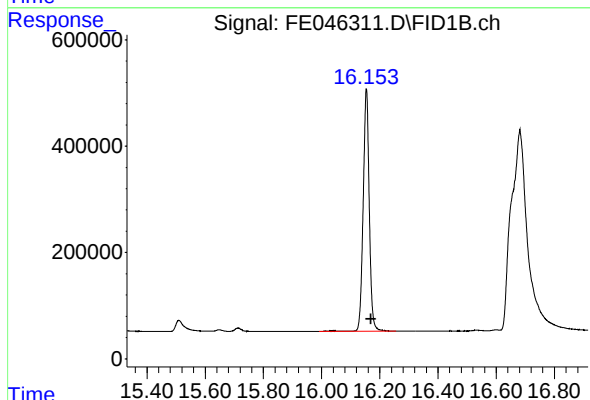
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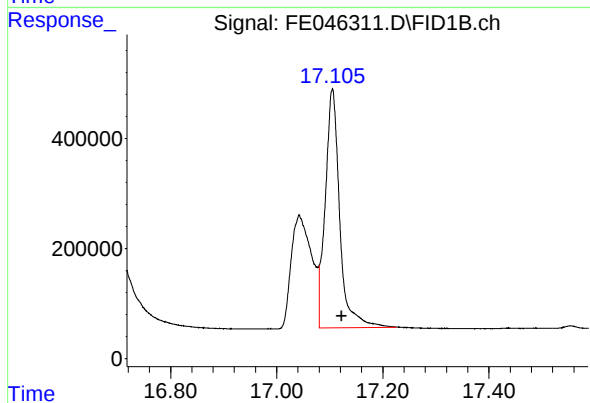
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.017 min
Response: 15525905
Conc: 107.05 ug/ml



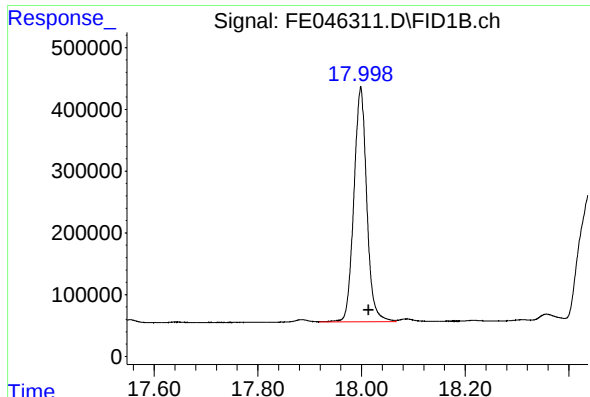
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.016 min
Response: 6603079
Conc: 46.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.018 min
Response: 8211235
Conc: 57.25 ug/ml m



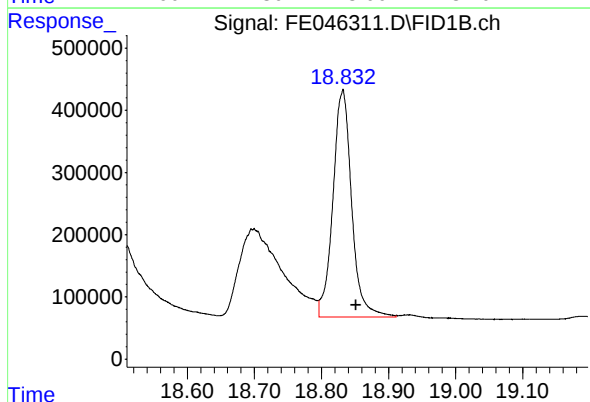
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 6554449
Conc: 44.10 ug/ml

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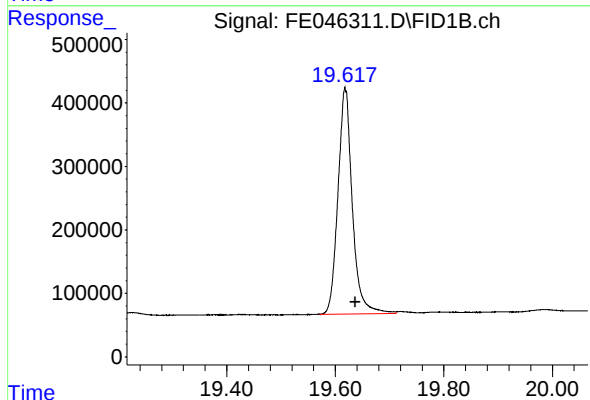
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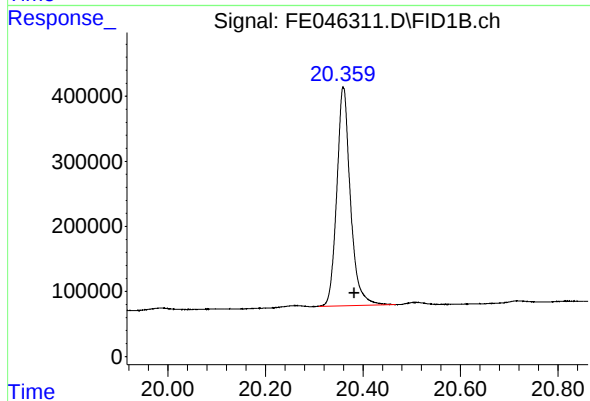
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.019 min
Response: 7068352
Conc: 47.26 ug/ml m



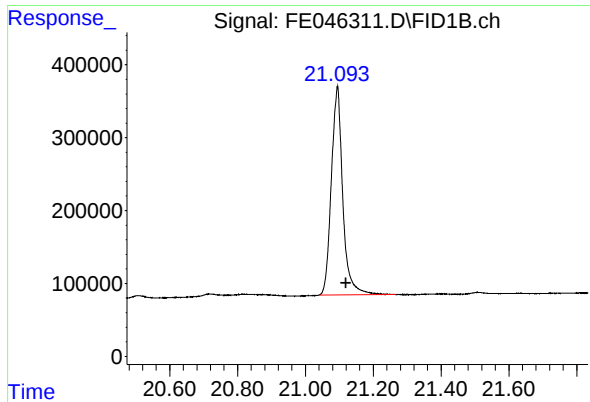
#19 n-Tetatriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.018 min
Response: 6531036
Conc: 45.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: -0.023 min
Response: 6499665
Conc: 44.58 ug/ml m



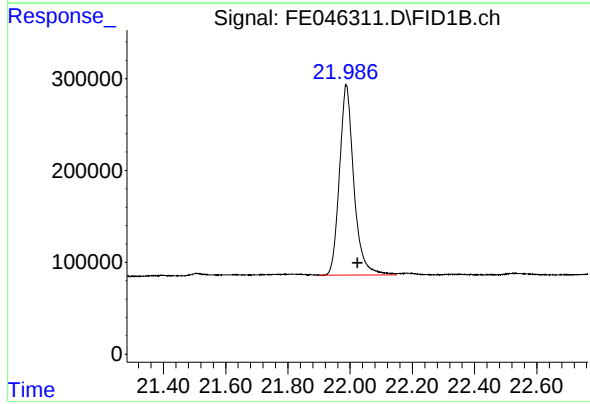
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.025 min
Response: 6684222
Conc: 45.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.038 min
Response: 6644901
Conc: 42.45 ug/ml