

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081123AL\
 Data File : FE043904.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2023 18:45
 Operator : YP\AJ
 Sample : 03961-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

ETGI-339MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/14/2023

Supervised By :Ankita Jodhani 08/14/2023

Integration File: autoint1.e

Quant Time: Aug 12 01:27:21 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M

Quant Title : GC Extractables

QLast Update : Wed Aug 02 09:56:52 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)	11.941	4777853	23.185 ug/ml
Spiked Amount 50.000		Recovery =	46.37%
12) S 1-chlorooctadecane (S...	13.379	3781073	24.230 ug/ml
Spiked Amount 50.000		Recovery =	48.46%
Target Compounds			
1) T n-Nonane (C9)	3.330	4313341	26.710 ug/ml
2) T n-Decane (C10)	4.582	4786454	29.041 ug/ml
3) T A~Naphthalene (C11.7)	6.281	5521161	30.324 ug/ml
4) T n-Dodecane (C12)	6.744	5136664	30.692 ug/ml
5) T A~2-methylnaphthalene...	7.376	5604014	31.478 ug/ml
6) T n-Tetradecane (C14)	8.573	5486915	32.567 ug/ml
7) T n-Hexadecane (C16)	10.180	5894266	33.414 ug/ml
8) T n-Octadecane (C18)	11.625	6168261	34.051 ug/ml
10) T n-Eicosane (C20)	12.937	6798557	38.417 ug/ml
11) T n-Heneicosane (C21)	13.549	6302143	35.593 ug/ml
13) T n-Docosane (C22)	14.136	6611719	37.695 ug/ml
14) T n-Tetracosane (C24)	15.238	4604749	26.208 ug/ml
15) T n-Hexacosane (C26)	16.265	5570241	32.229 ug/ml
16) T n-Octacosane (C28)	17.213	5766931	34.467 ug/ml
17) T n-Tricontane (C30)	18.103	5435217	32.816 ug/ml
18) T n-Dotriacontane (C32)	18.936	5192143	32.884 ug/ml
19) T n-Tetratriacontane (C34)	19.722	4812442	32.386 ug/ml
20) T n-Hexatriacontane (C36)	20.463	4133390	29.571 ug/mlm
21) T n-Octatriacontane (C38)	21.206	4155774	31.151 ug/ml
22) T n-Tetracontane (C40)	22.133	4339768	33.634 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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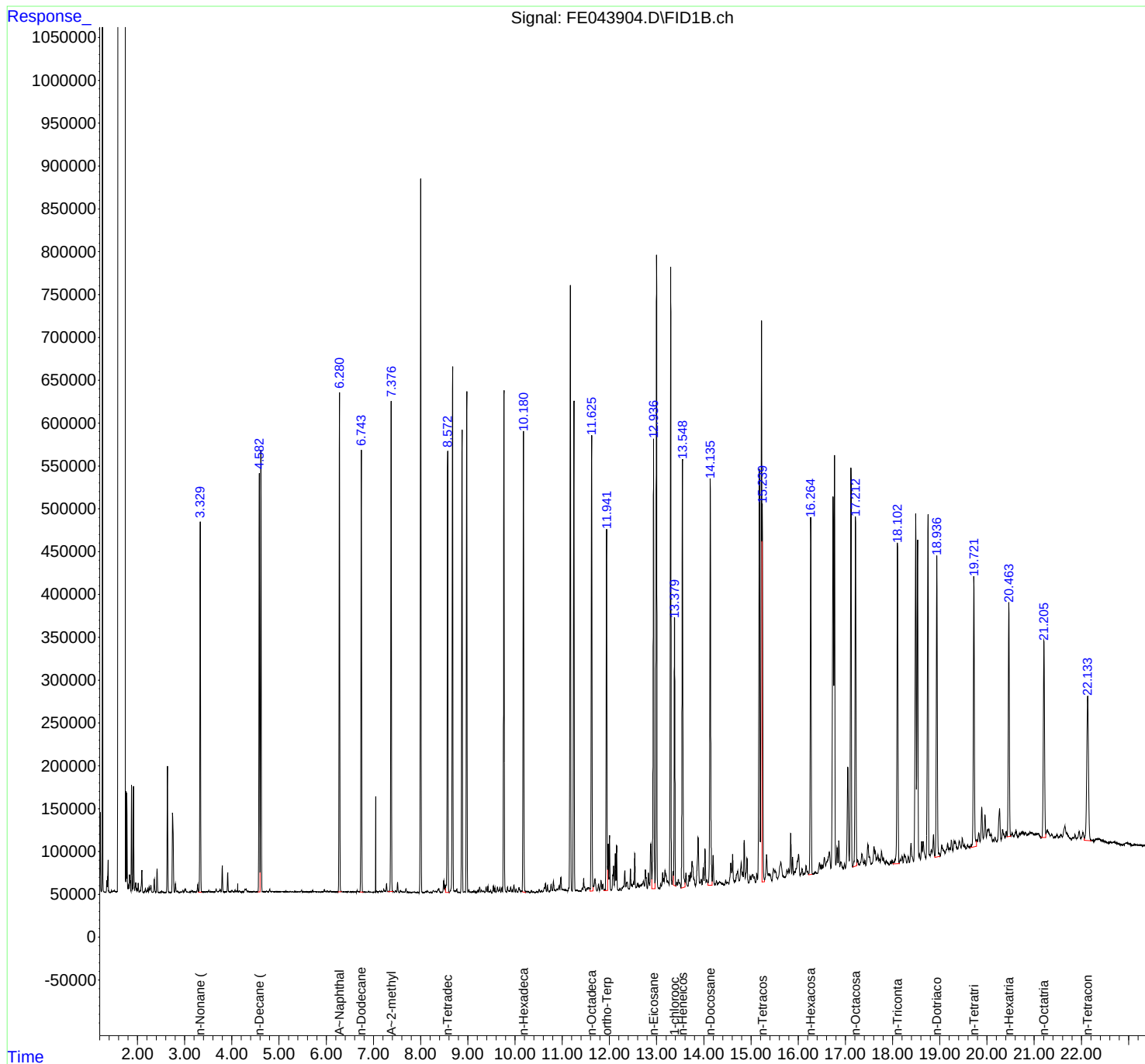
Response via : Initial Calibration

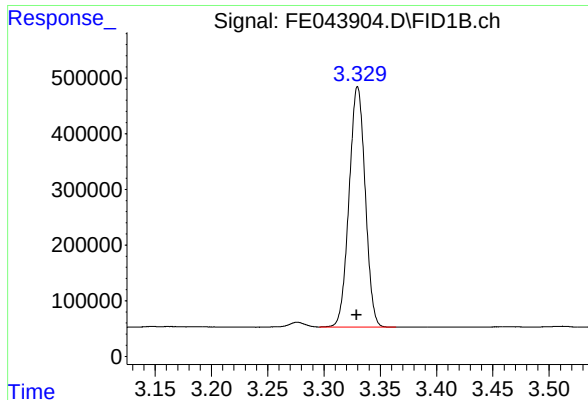
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 4313341
Conc: 26.71 ug/ml

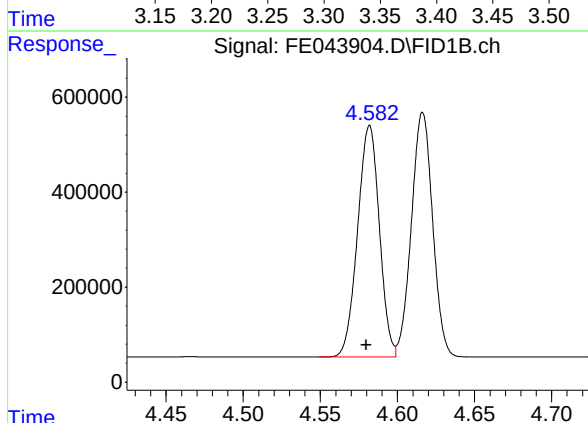
Instrument :

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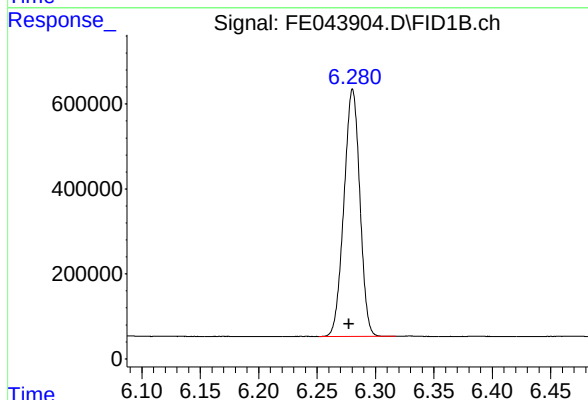
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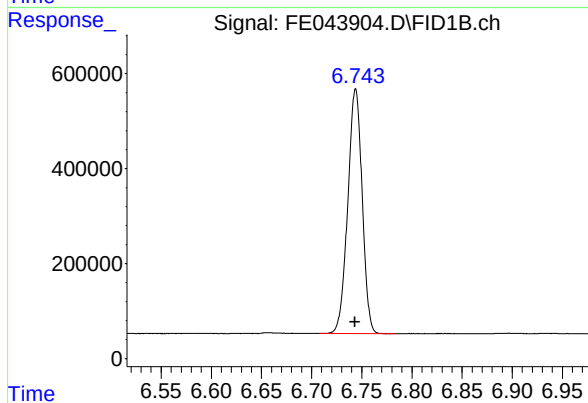
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.002 min
Response: 4786454
Conc: 29.04 ug/ml



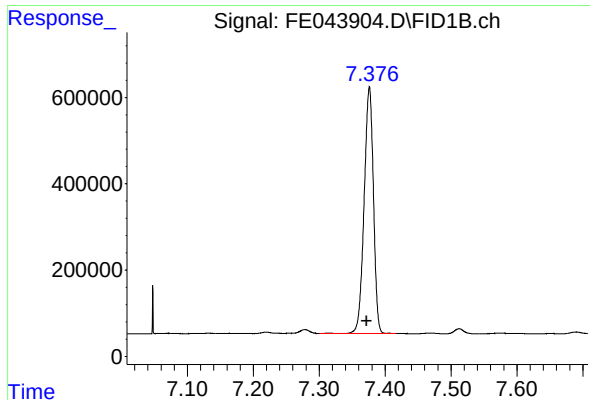
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.003 min
Response: 5521161
Conc: 30.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 5136664
Conc: 30.69 ug/ml



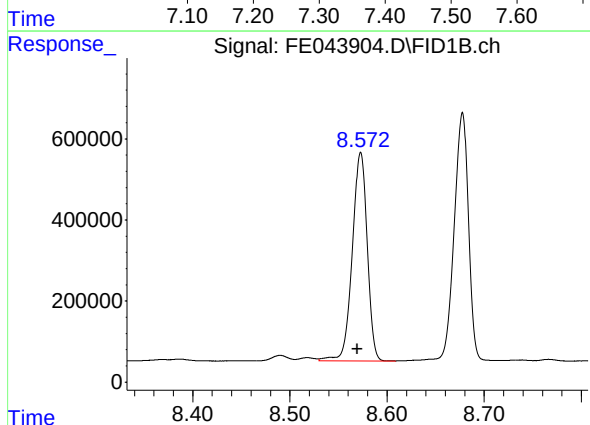
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 5604014
Conc: 31.48 ug/ml

Instrument :
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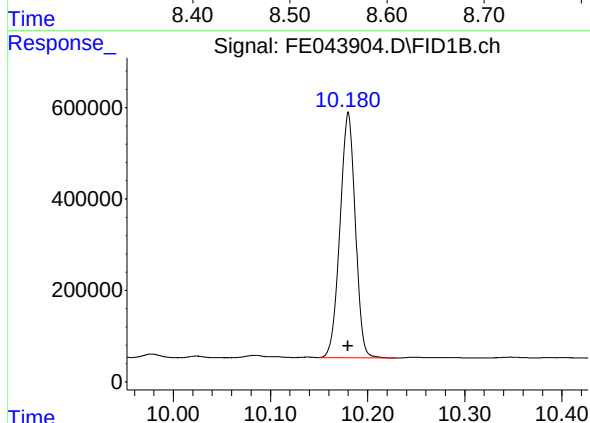
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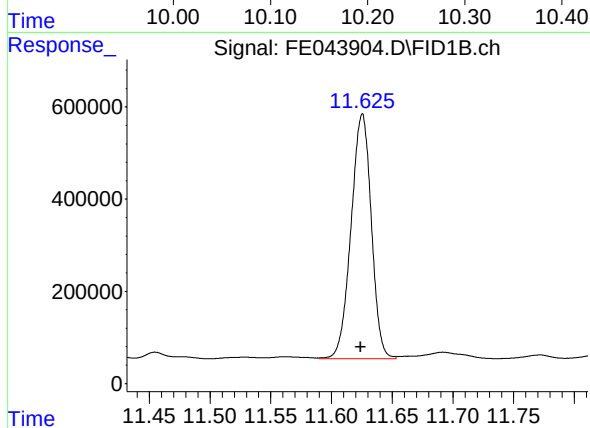
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 5486915
Conc: 32.57 ug/ml



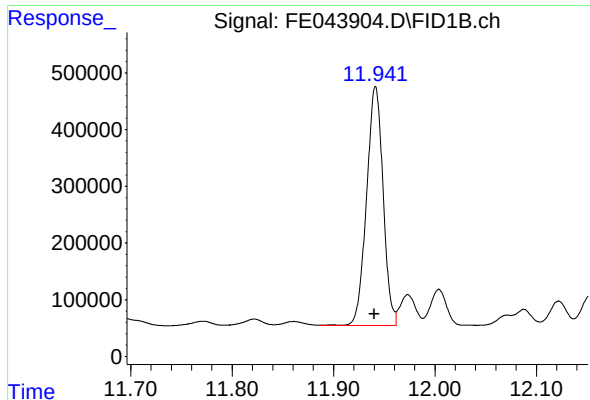
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 5894266
Conc: 33.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: 0.001 min
Response: 6168261
Conc: 34.05 ug/ml



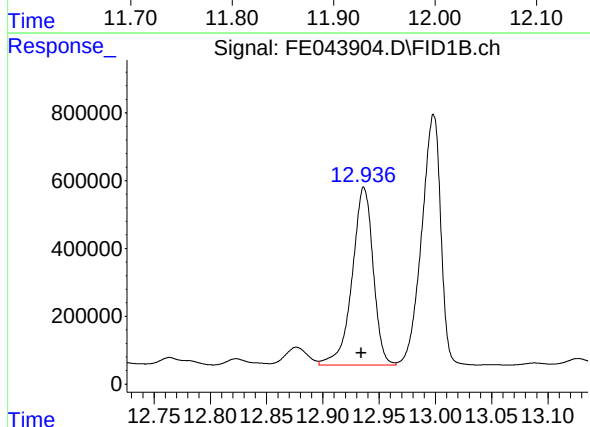
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.001 min
Response: 4777853
Conc: 23.19 ug/ml

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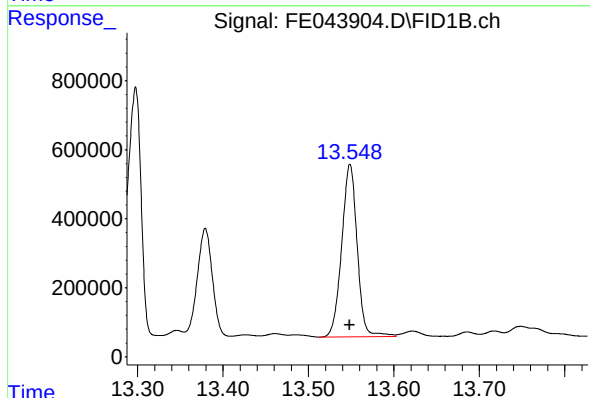
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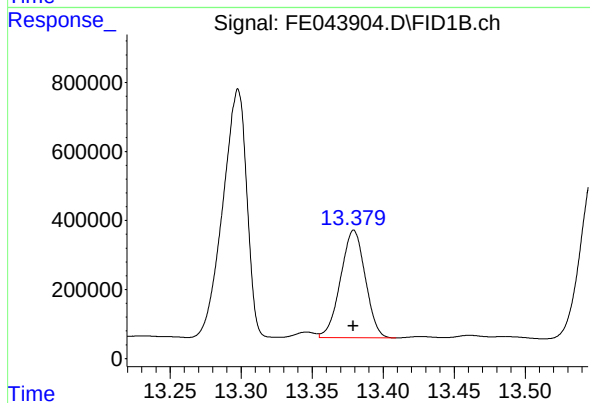
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: 0.002 min
Response: 6798557
Conc: 38.42 ug/ml



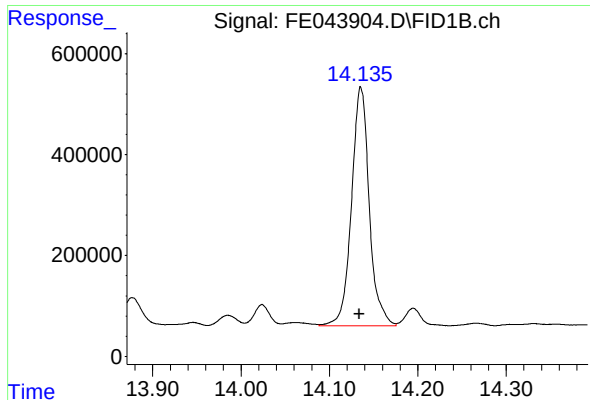
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 6302143
Conc: 35.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: 0.000 min
Response: 3781073
Conc: 24.23 ug/ml



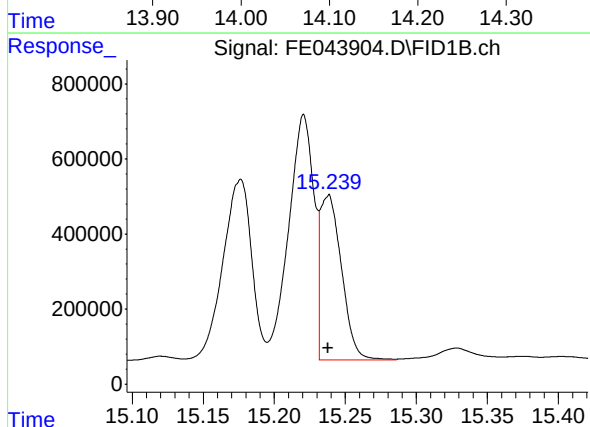
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: 0.001 min
Response: 6611719
Conc: 37.69 ug/ml

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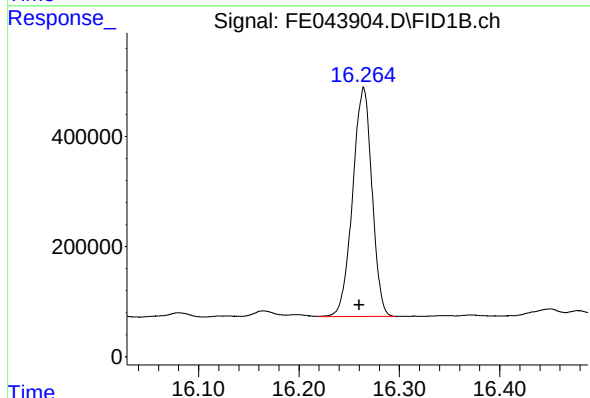
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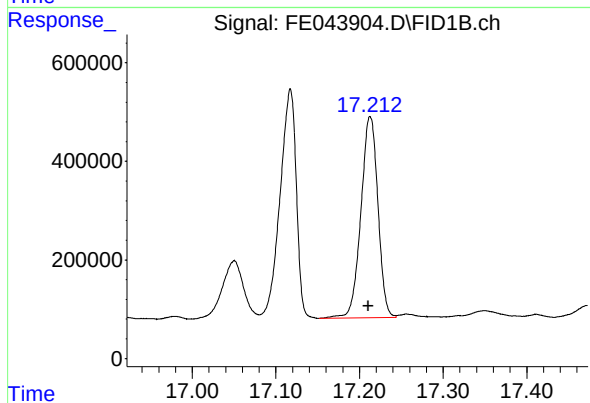
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 4604749
Conc: 26.21 ug/ml



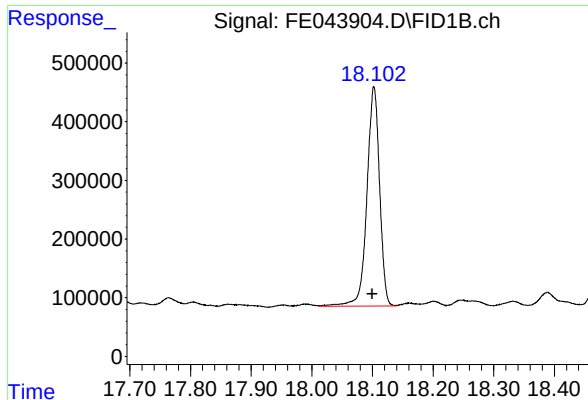
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.004 min
Response: 5570241
Conc: 32.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.002 min
Response: 5766931
Conc: 34.47 ug/ml



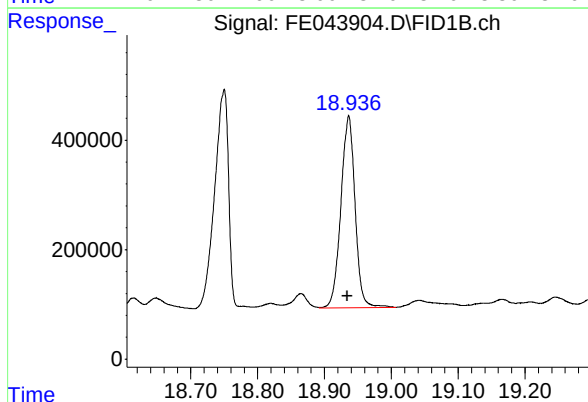
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.003 min
Response: 5435217
Conc: 32.82 ug/ml

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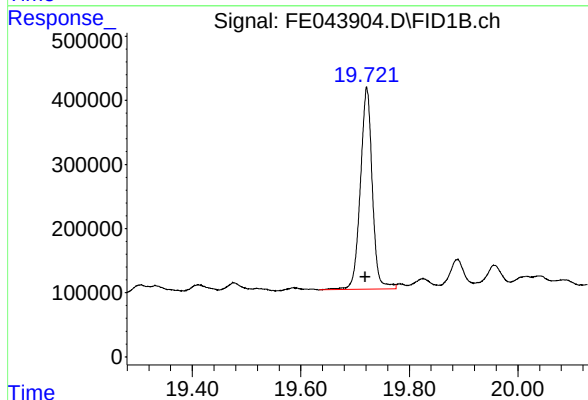
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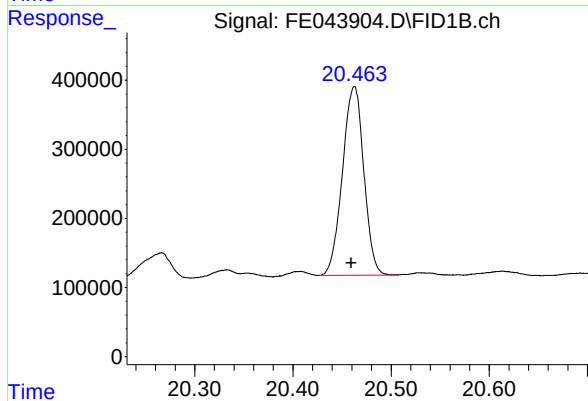
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 5192143
Conc: 32.88 ug/ml



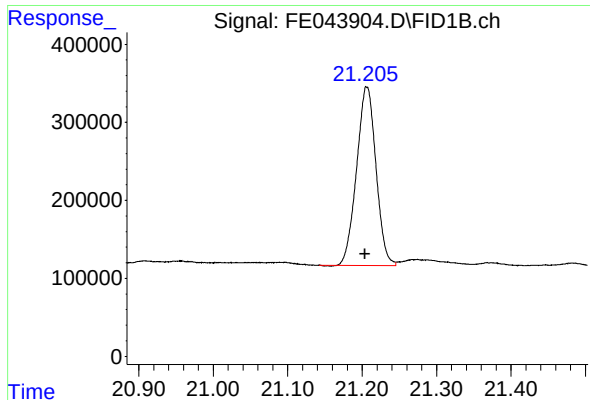
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.003 min
Response: 4812442
Conc: 32.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.003 min
Response: 4133390
Conc: 29.57 ug/ml m



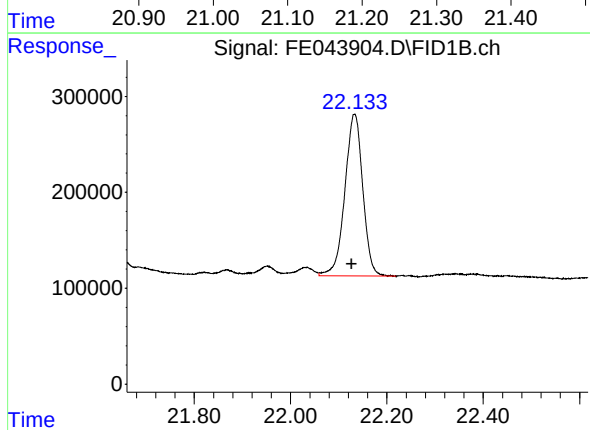
#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: 0.003 min
Response: 4155774
Conc: 31.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: 0.006 min
Response: 4339768
Conc: 33.63 ug/ml