

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052096.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 15:19
 Operator : YP\AJ
 Sample : Q1187-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SP-COMPMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/28/2025

Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e

Quant Time: Jan 28 02:02:14 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 2025

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)	12.199	4548603	31.825 ug/ml
Spiked Amount 50.000		Recovery =	63.65%
12) S 1-chlorooctadecane (S...	13.613	3762674	32.800 ug/ml
Spiked Amount 50.000		Recovery =	65.60%
Target Compounds			
1) T n-Nonane (C9)	3.678	2323163	21.791 ug/ml
2) T n-Decane (C10)	4.906	2864729	26.167 ug/ml
3) T A~Naphthalene (C11.7)	6.600	3761908	30.958 ug/ml
4) T n-Dodecane (C12)	7.034	3446791	30.539 ug/ml
5) T A~2-methylnaphthalene...	7.679	3783705	31.693 ug/ml
6) T n-Tetradecane (C14)	8.840	3967494	34.112 ug/ml
7) T n-Hexadecane (C16)	10.433	4199810	33.300 ug/ml
8) T n-Octadecane (C18)	11.866	4322466	32.670 ug/ml
10) T n-Eicosane (C20)	13.168	4472528	34.117 ug/ml
11) T n-Heneicosane (C21)	13.776	4295661	33.002 ug/ml
13) T n-Docosane (C22)	14.359	4260360	32.463 ug/ml
14) T n-Tetracosane (C24)	15.462	8391412	63.174 ug/ml
15) T n-Hexacosane (C26)	16.474	4084134	30.897 ug/mlm
16) T n-Octacosane (C28)	17.419	3993337	30.256 ug/mlm
17) T n-Tricontane (C30)	18.305	3997151	29.317 ug/ml
18) T n-Dotriacontane (C32)	19.135	3877881	29.590 ug/ml
19) T n-Tetratriacontane (C34)	19.915	3733682	33.164 ug/ml
20) T n-Hexatriacontane (C36)	20.654	3409984	35.901 ug/ml
21) T n-Octatriacontane (C38)	21.436	3233546	37.433 ug/mlm
22) T n-Tetracontane (C40)	22.437	3162591	38.376 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q1187-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

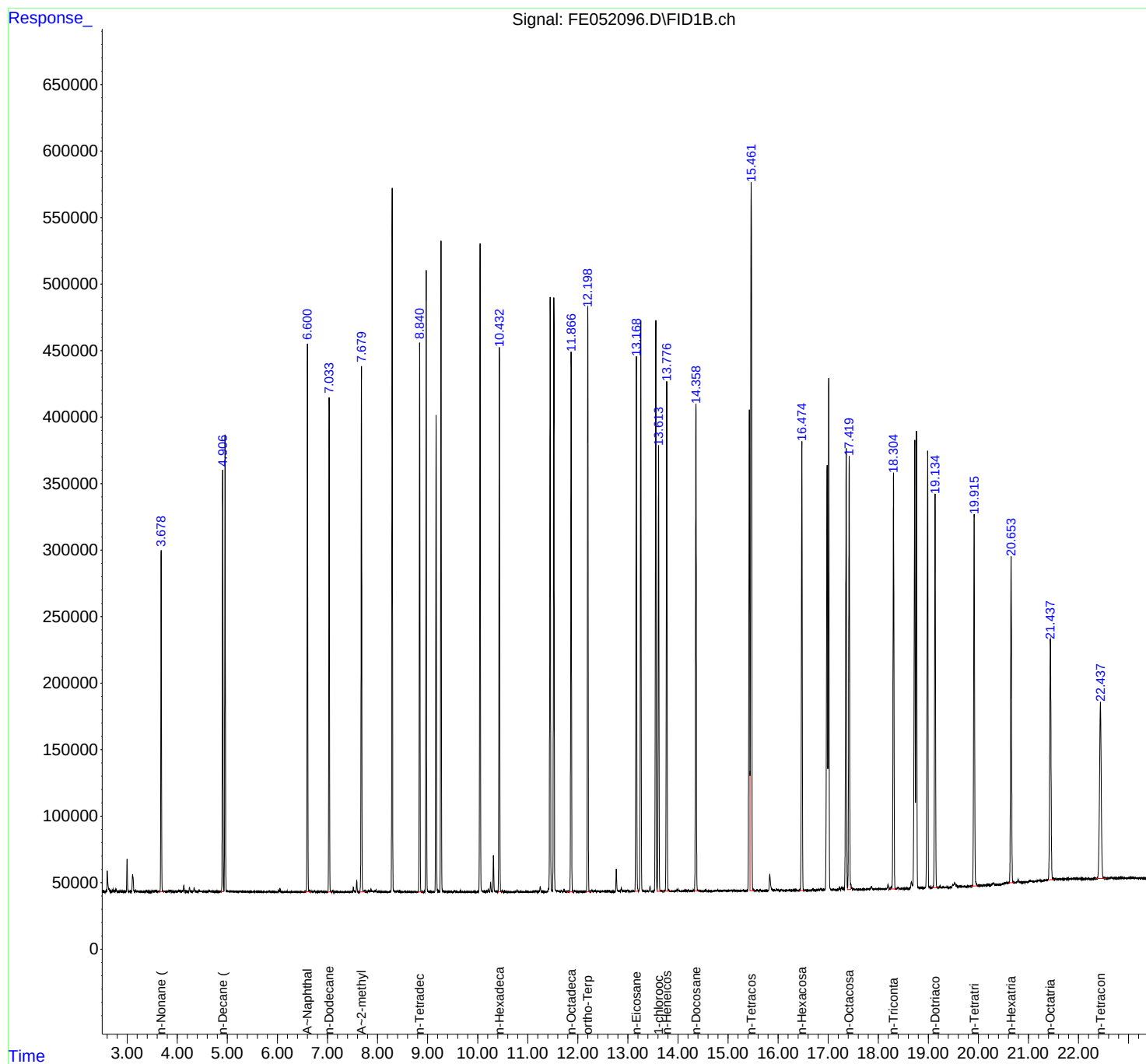
Instrument :
FID_E
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SP-COMPMS

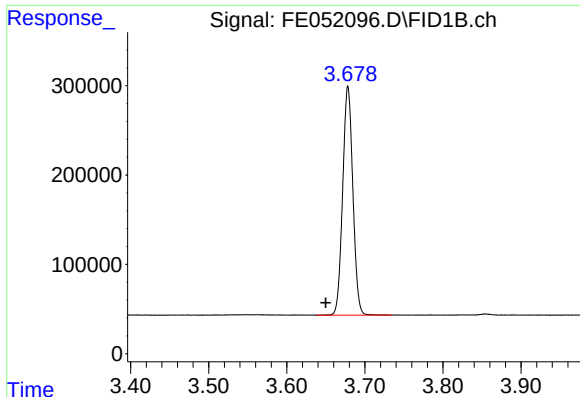
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.678 min
Delta R.T.: 0.028 min
Response: 2323163
Conc: 21.79 ug/ml

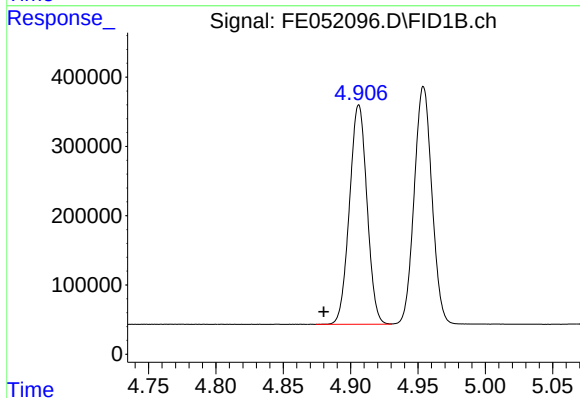
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FID_E

ClientSampleId :
SP-COMPMS

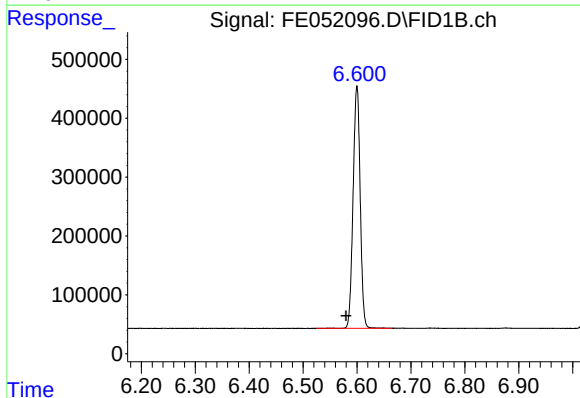
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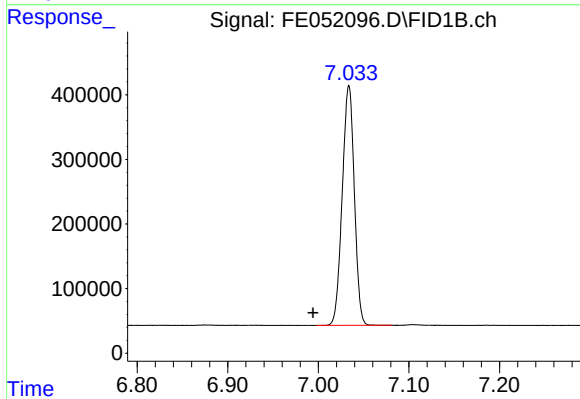
#2 n-Decane (C10)

R.T.: 4.906 min
Delta R.T.: 0.026 min
Response: 2864729
Conc: 26.17 ug/ml



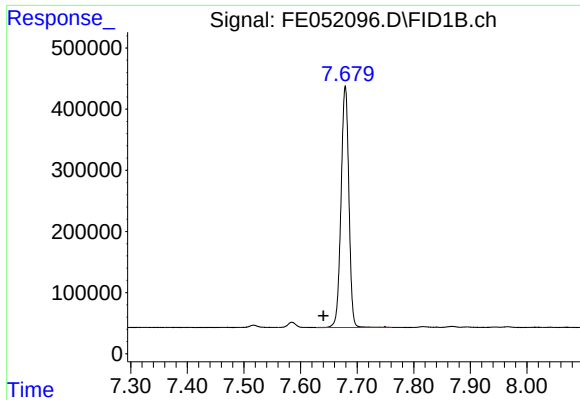
#3 A~Naphthalene (C11.7)

R.T.: 6.600 min
Delta R.T.: 0.020 min
Response: 3761908
Conc: 30.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.034 min
Delta R.T.: 0.039 min
Response: 3446791
Conc: 30.54 ug/ml



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

R.T.: 7.679 min
Delta R.T.: 0.039 min
Response: 3783705
Conc: 31.69 ug/ml

Instrument :

FID_E

ClientSampleId :

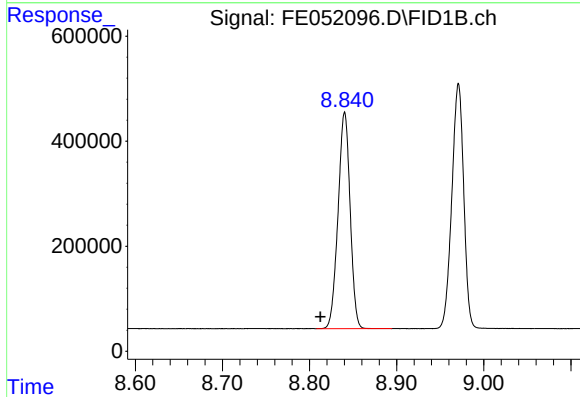
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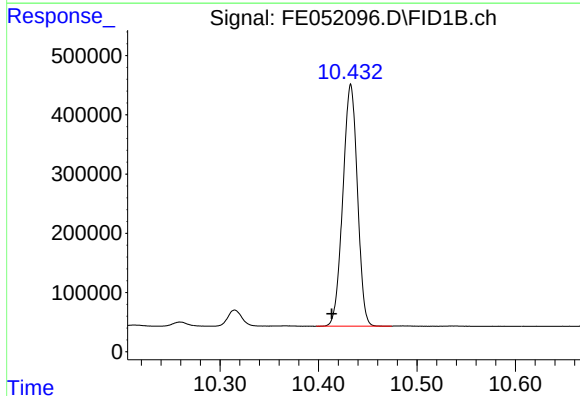
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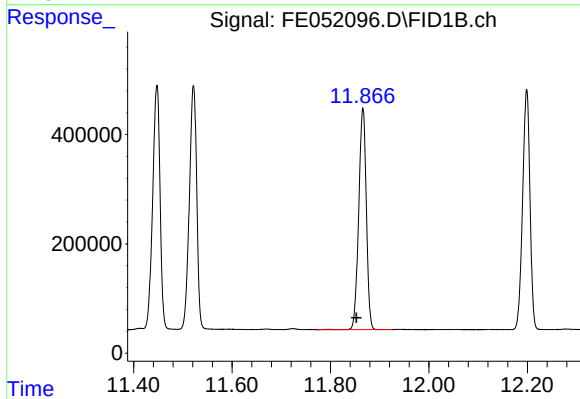
#6 n-Tetradecane (C14)

R.T.: 8.840 min
Delta R.T.: 0.028 min
Response: 3967494
Conc: 34.11 ug/ml



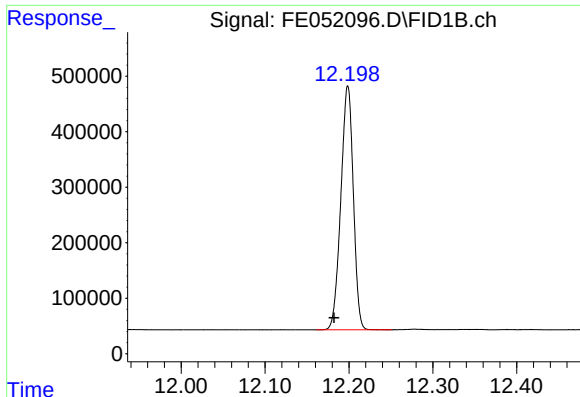
#7 n-Hexadecane (C16)

R.T.: 10.433 min
Delta R.T.: 0.019 min
Response: 4199810
Conc: 33.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.866 min
Delta R.T.: 0.013 min
Response: 4322466
Conc: 32.67 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.199 min
Delta R.T.: 0.016 min
Response: 4548603
Conc: 31.82 ug/ml

Instrument :

FID_E

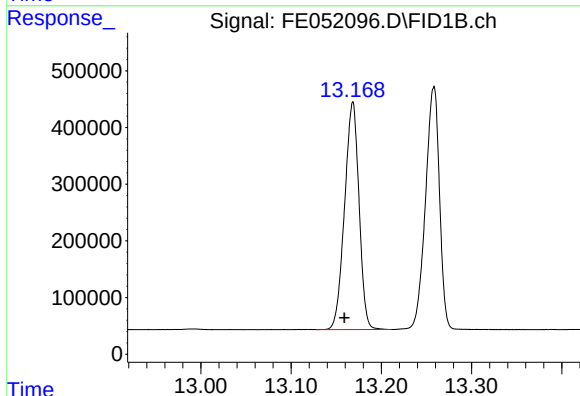
ClientSampleId :

SP-COMPMS

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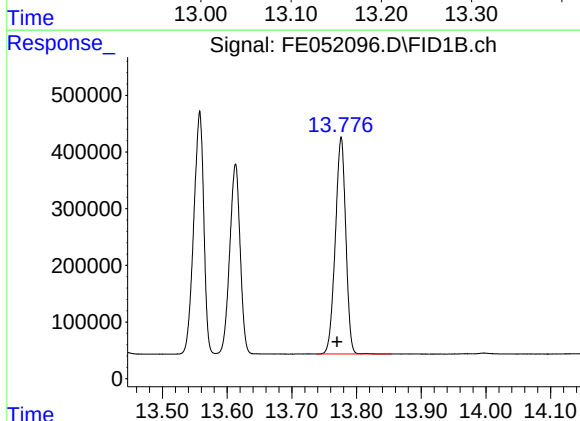
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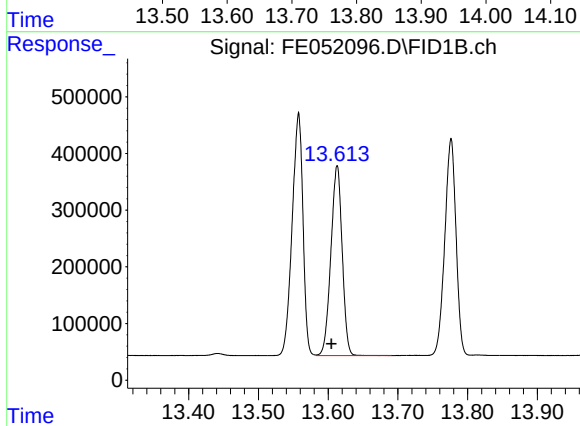
#10 n-Eicosane (C20)

R.T.: 13.168 min
Delta R.T.: 0.009 min
Response: 4472528
Conc: 34.12 ug/ml



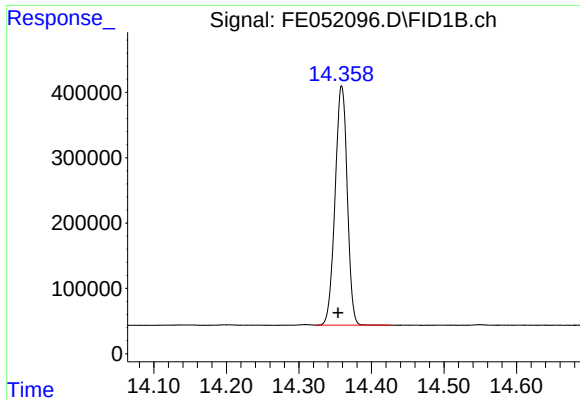
#11 n-Heneicosane (C21)

R.T.: 13.776 min
Delta R.T.: 0.007 min
Response: 4295661
Conc: 33.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.613 min
Delta R.T.: 0.008 min
Response: 3762674
Conc: 32.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.359 min
Delta R.T.: 0.005 min
Response: 4260360
Conc: 32.46 ug/ml

Instrument :

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ClientSampleId :

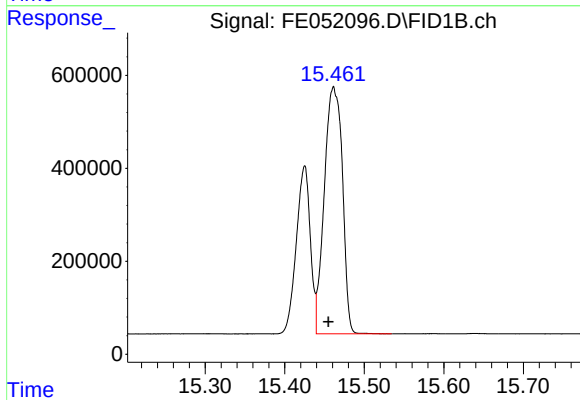
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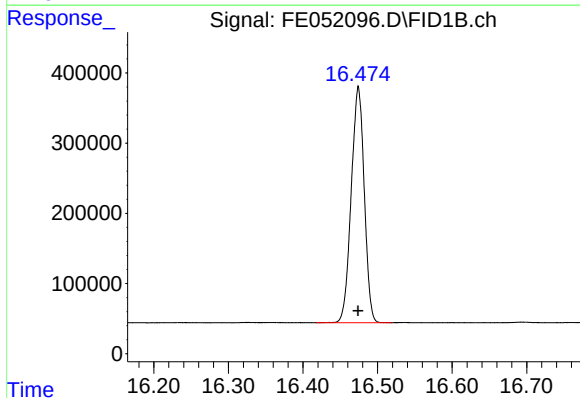
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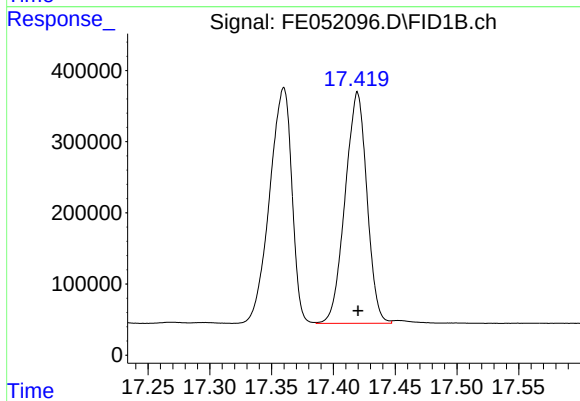
#14 n-Tetracosane (C24)

R.T.: 15.462 min
Delta R.T.: 0.007 min
Response: 8391412
Conc: 63.17 ug/ml



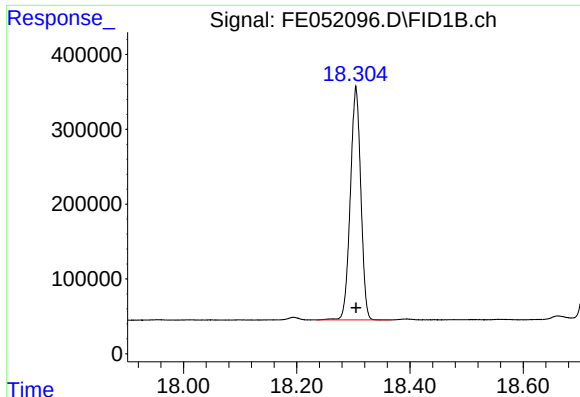
#15 n-Hexacosane (C26)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 4084134
Conc: 30.90 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.419 min
Delta R.T.: -0.001 min
Response: 3993337
Conc: 30.26 ug/ml m



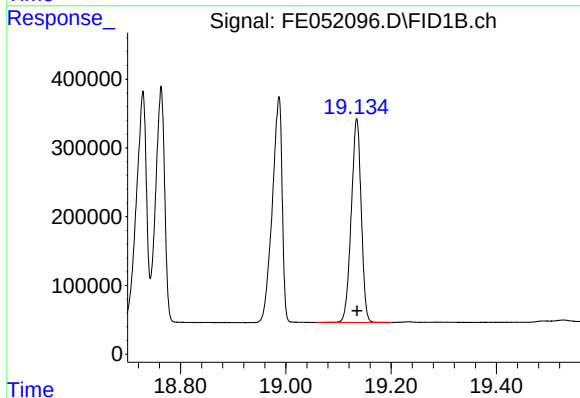
#17 n-Tricontane (C30)

R.T.: 18.305 min
Delta R.T.: 0.000 min
Response: 3997151
Conc: 29.32 ug/ml

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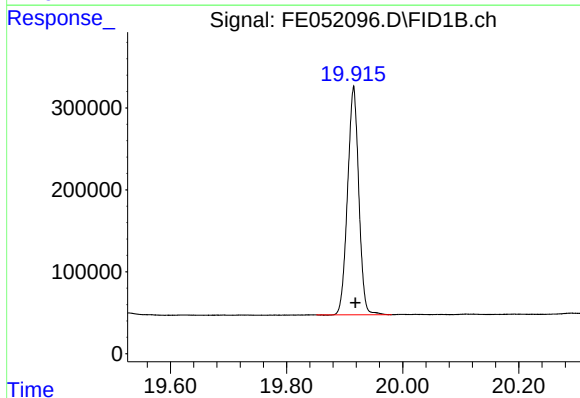
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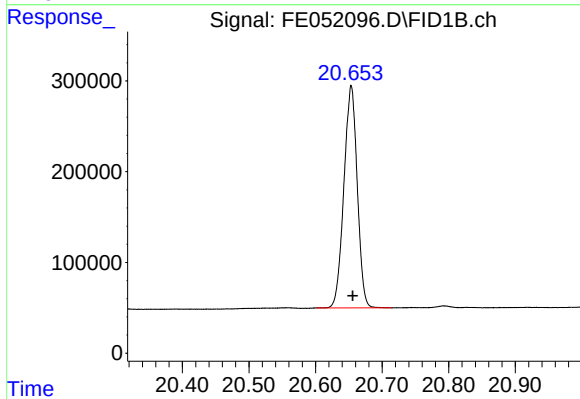
#18 n-Dotriacontane (C32)

R.T.: 19.135 min
Delta R.T.: -0.001 min
Response: 3877881
Conc: 29.59 ug/ml



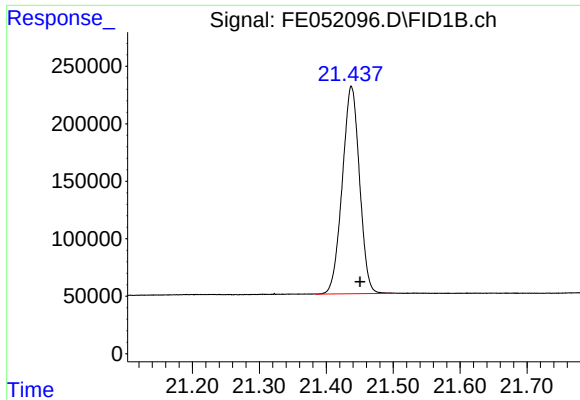
#19 n-Tetratriacontane (C34)

R.T.: 19.915 min
Delta R.T.: -0.003 min
Response: 3733682
Conc: 33.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.654 min
Delta R.T.: -0.002 min
Response: 3409984
Conc: 35.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.436 min
Delta R.T.: -0.014 min
Response: 3233546
Conc: 37.43 ug/ml

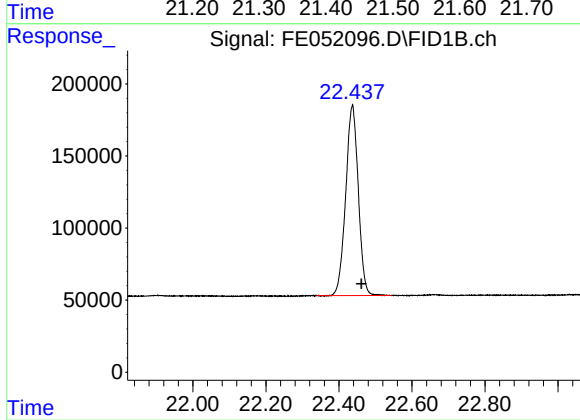
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#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: -0.026 min
Response: 3162591
Conc: 38.38 ug/ml