

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055696.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2025 18:40
 Operator : YP\AJ
 Sample : Q3009-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-04-090325MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File: sample.E
 Quant Time: Sep 06 01:46:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.076	5316827	32.364 ug/mlm
Spiked Amount 50.000		Recovery =	64.73%
12) S 1-chlorooctadecane (S...	13.513	4572624	36.568 ug/ml
Spiked Amount 50.000		Recovery =	73.14%
Target Compounds			
1) T n-Nonane (C9)	3.414	3642901	28.706 ug/ml
2) T n-Decane (C10)	4.672	4156635	32.449 ug/ml
3) T A~Naphthalene (C11.7)	6.390	5282549	36.359 ug/ml
4) T n-Dodecane (C12)	6.848	5677301	43.600 ug/ml
5) T A~2-methylnaphthalene...	7.492	6115507	43.480 ug/ml
6) T n-Tetradecane (C14)	8.688	8240343	62.572 ug/ml
7) T n-Hexadecane (C16)	10.303	10093536	72.879 ug/ml
8) T n-Octadecane (C18)	11.753	10127579	69.433 ug/ml
10) T n-Eicosane (C20)	13.067	9014775	62.626 ug/ml
11) T n-Heneicosane (C21)	13.680	7965494	55.763 ug/ml
13) T n-Docosane (C22)	14.268	7386097	51.599 ug/ml
14) T n-Tetracosane (C24)	15.375	12706140	87.811 ug/ml
15) T n-Hexacosane (C26)	16.400	6247259	43.729 ug/ml
16) T n-Octacosane (C28)	17.352	6152061	43.252 ug/mlm
17) T n-Tricontane (C30)	18.245	6423101	43.452 ug/mlm
18) T n-Dotriacontane (C32)	19.079	6502677	44.303 ug/ml
19) T n-Tetratriacontane (C34)	19.866	6579647	46.570 ug/ml
20) T n-Hexatriacontane (C36)	20.609	6518199	49.396 ug/ml
21) T n-Octatriacontane (C38)	21.391	7059419	54.203 ug/ml
22) T n-Tetracontane (C40)	22.378	6784735	52.906 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 24 Sample Multiplier: 1

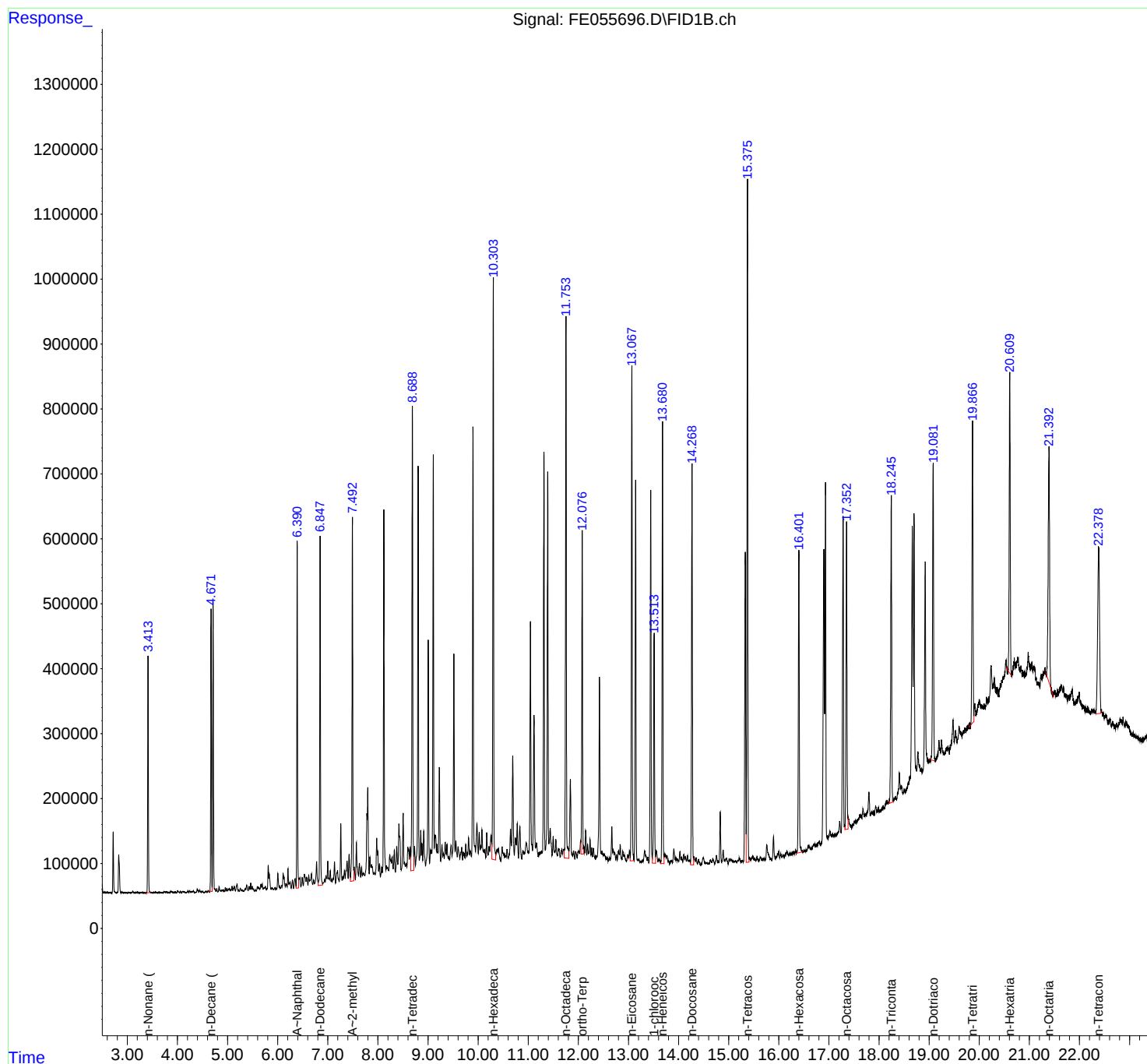
Instrument :
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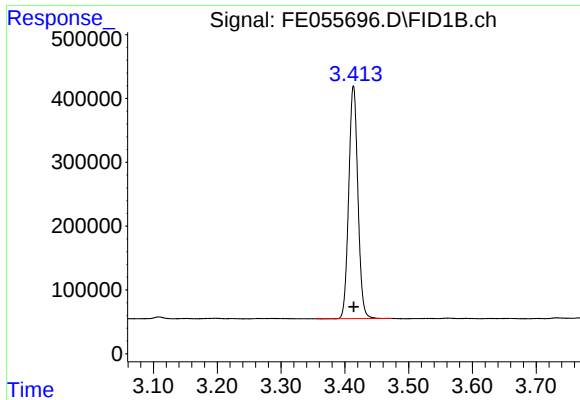
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 3642901
Conc: 28.71 ug/ml

Instrument :

FID_E

ClientSampleId :

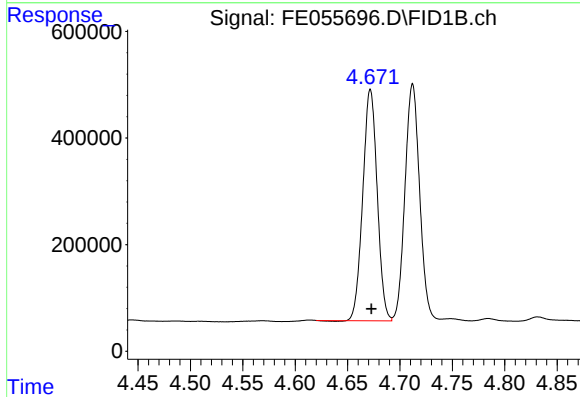
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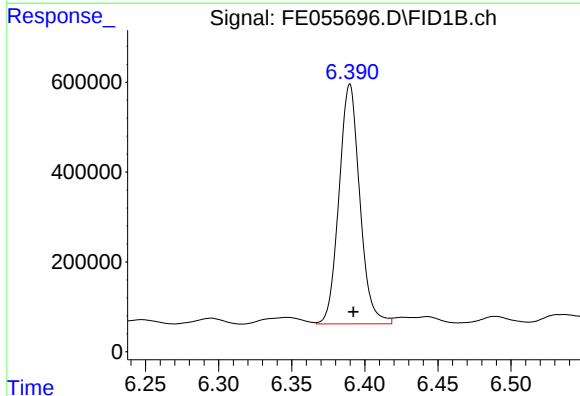
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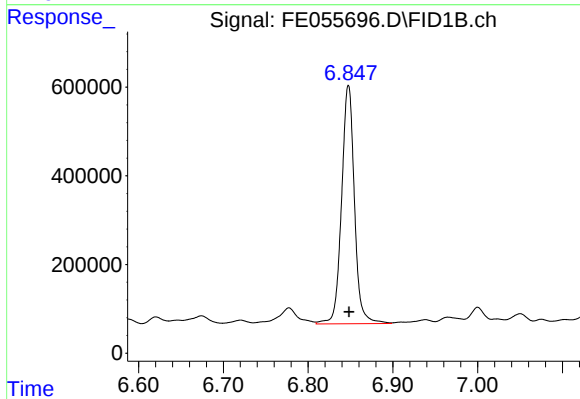
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 4156635
Conc: 32.45 ug/ml



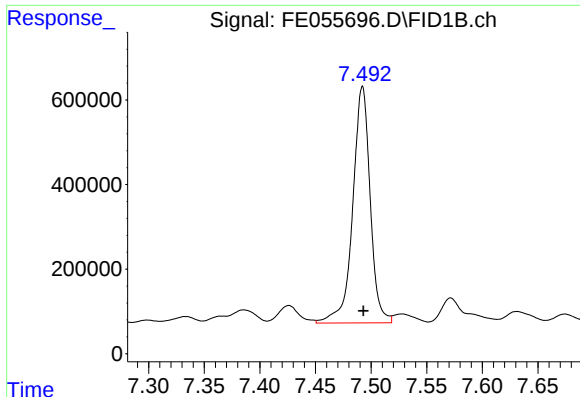
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 5282549
Conc: 36.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 5677301
Conc: 43.60 ug/ml



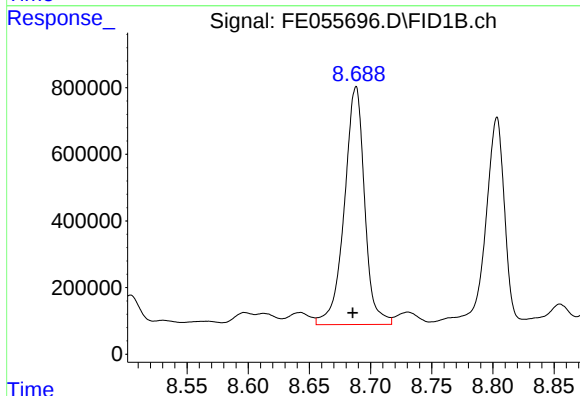
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 6115507
Conc: 43.48 ug/ml

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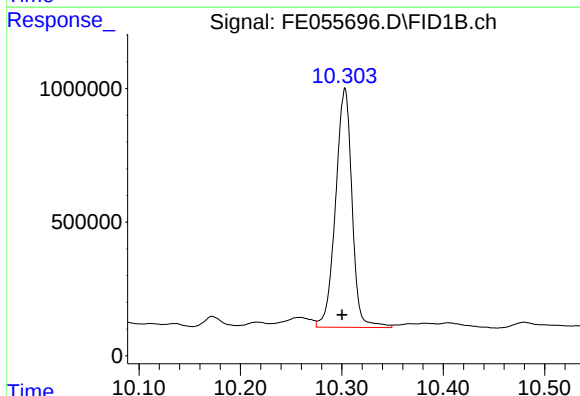
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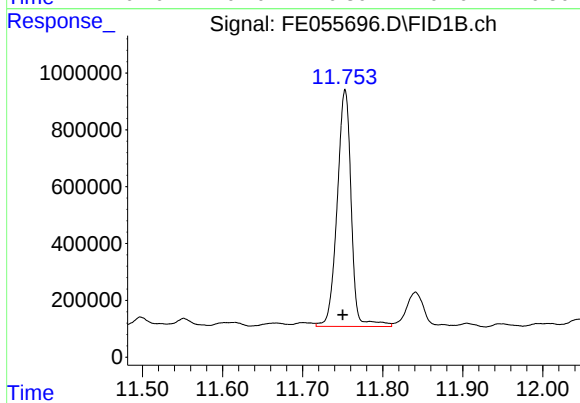
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 8240343
Conc: 62.57 ug/ml



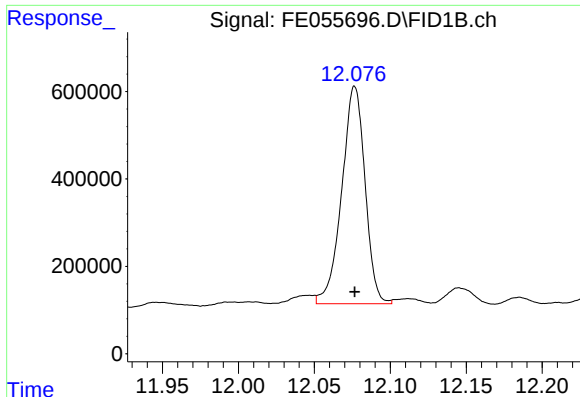
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: 0.003 min
Response: 10093536
Conc: 72.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: 0.003 min
Response: 10127579
Conc: 69.43 ug/ml



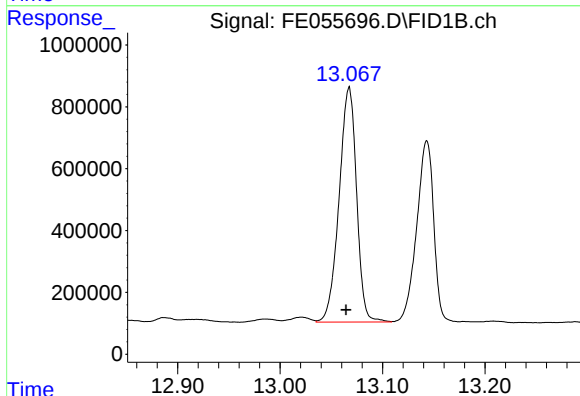
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 5316827
Conc: 32.36 ug/ml

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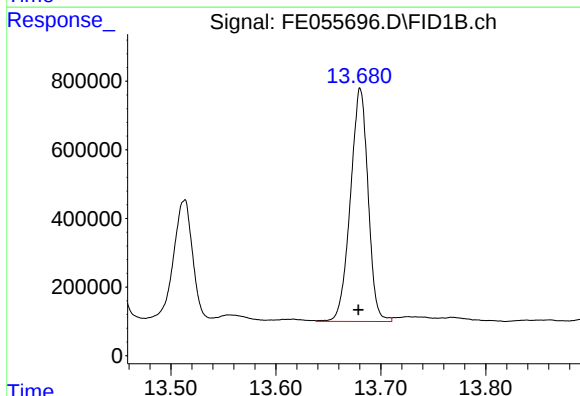
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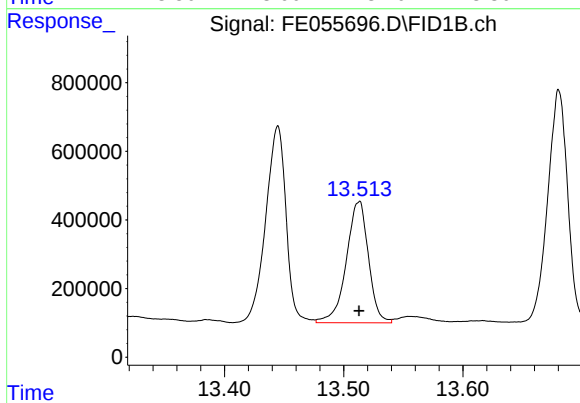
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: 0.003 min
Response: 9014775
Conc: 62.63 ug/ml



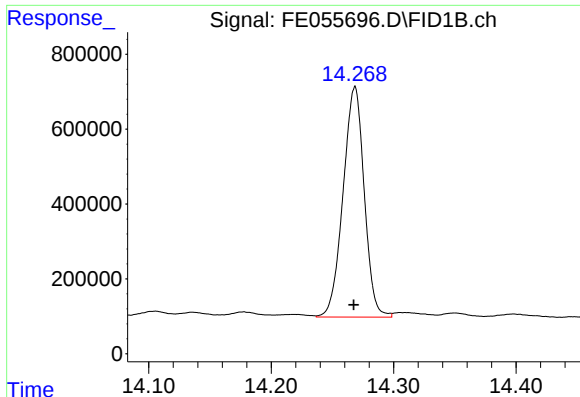
#11 n-Heneicosane (C21)

R.T.: 13.680 min
Delta R.T.: 0.002 min
Response: 7965494
Conc: 55.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 4572624
Conc: 36.57 ug/ml



#13 n-Docosane (C22)

R.T.: 14.268 min
Delta R.T.: 0.000 min
Response: 7386097
Conc: 51.60 ug/ml

Instrument :

FID_E

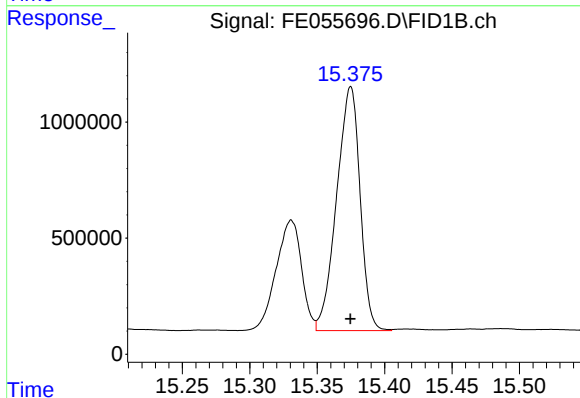
ClientSampleId :

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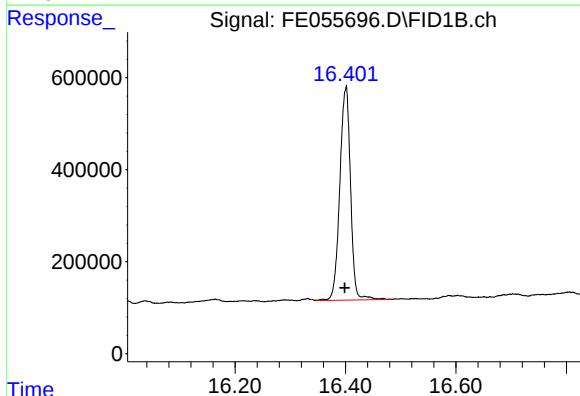
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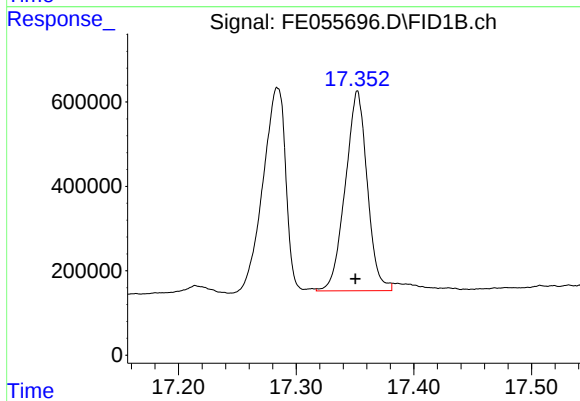
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: 0.000 min
Response: 12706140
Conc: 87.81 ug/ml



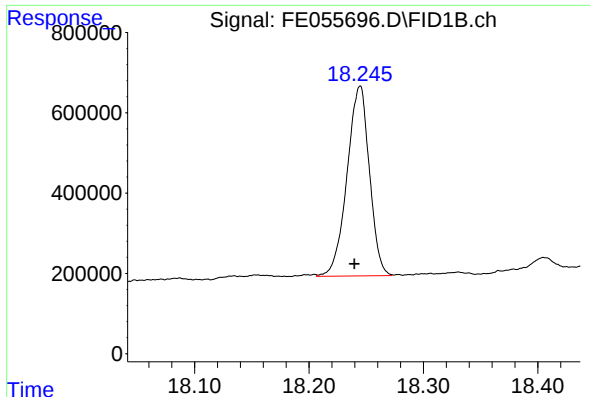
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: 0.002 min
Response: 6247259
Conc: 43.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: 0.002 min
Response: 6152061
Conc: 43.25 ug/ml m



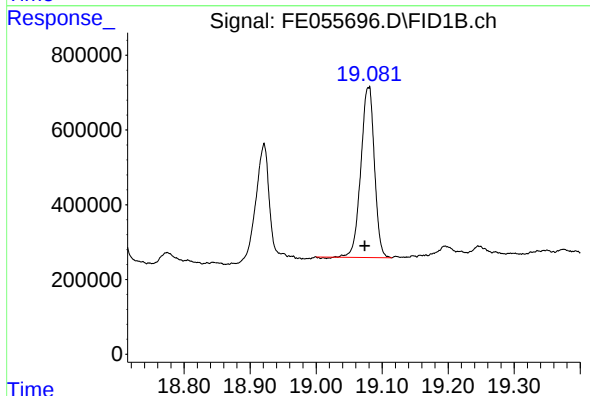
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: 0.005 min
Response: 6423101
Conc: 43.45 ug/ml

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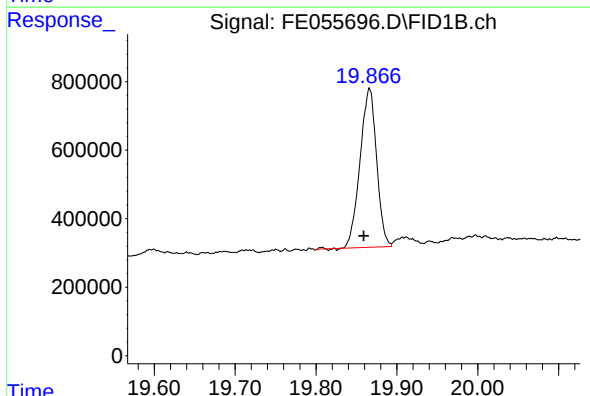
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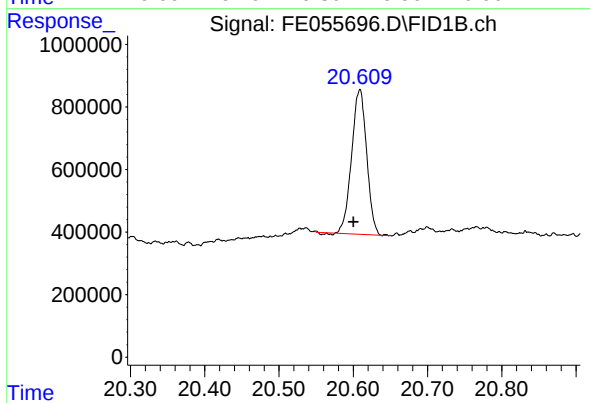
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: 0.005 min
Response: 6502677
Conc: 44.30 ug/ml



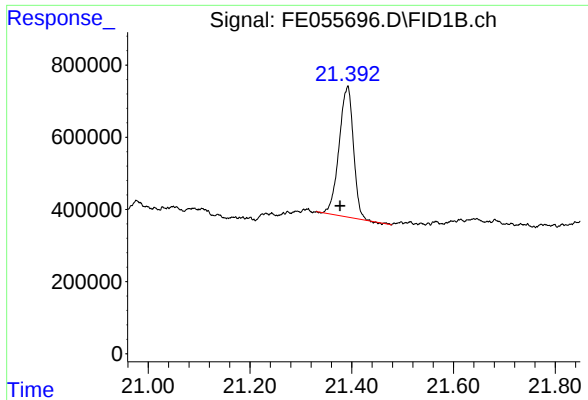
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.007 min
Response: 6579647
Conc: 46.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.609 min
Delta R.T.: 0.008 min
Response: 6518199
Conc: 49.40 ug/ml



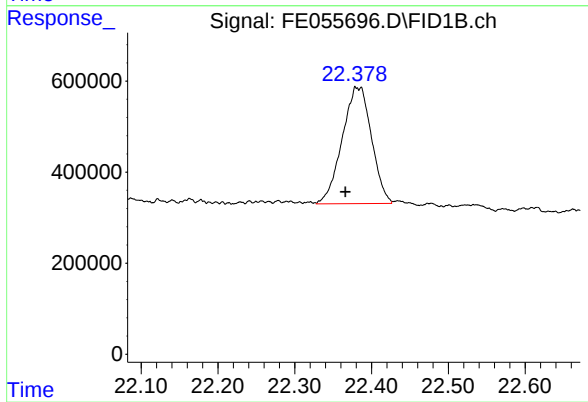
#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.014 min
Response: 7059419
Conc: 54.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: 0.012 min
Response: 6784735
Conc: 52.91 ug/ml m