

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054875.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 15:14
 Operator : YP\AJ
 Sample : PB168876BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168876BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: autoint1.e
 Quant Time: Jul 17 05:29:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.087	6206072	38.216 ug/ml
Spiked Amount 50.000		Recovery =	76.43%
12) S 1-chlorooctadecane (S...	13.521	4875781	38.607 ug/ml
Spiked Amount 50.000		Recovery =	77.21%
Target Compounds			
1) T n-Nonane (C9)	3.439	6511213	48.407 ug/ml
2) T n-Decane (C10)	4.690	7110150	52.108 ug/ml
3) T A~Naphthalene (C11.7)	6.404	8901567	58.790 ug/ml
4) T n-Dodecane (C12)	6.860	7459975	54.370 ug/ml
5) T A~2-methylnaphthalene...	7.504	8309548	56.526 ug/ml
6) T n-Tetradecane (C14)	8.698	7505316	54.141 ug/ml
7) T n-Hexadecane (C16)	10.311	7523602	52.794 ug/ml
8) T n-Octadecane (C18)	11.761	7356765	50.198 ug/ml
10) T n-Eicosane (C20)	13.076	7429772	51.670 ug/ml
11) T n-Heneicosane (C21)	13.689	7067950	49.484 ug/ml
13) T n-Docosane (C22)	14.278	6975674	48.853 ug/ml
14) T n-Tetracosane (C24)	15.385	14813277	101.904 ug/ml
15) T n-Hexacosane (C26)	16.409	6762751	46.731 ug/ml
16) T n-Octacosane (C28)	17.360	6687028	45.884 ug/ml
17) T n-Tricontane (C30)	18.251	6816613	43.257 ug/ml
18) T n-Dotriacontane (C32)	19.083	6917758	42.759 ug/ml
19) T n-Tetratriacontane (C34)	19.870	7505080	49.249 ug/mlm
20) T n-Hexatriacontane (C36)	20.609	7526113	55.975 ug/ml
21) T n-Octatriacontane (C38)	21.393	8168418	69.647 ug/ml
22) T n-Tetracontane (C40)	22.384	8168994	75.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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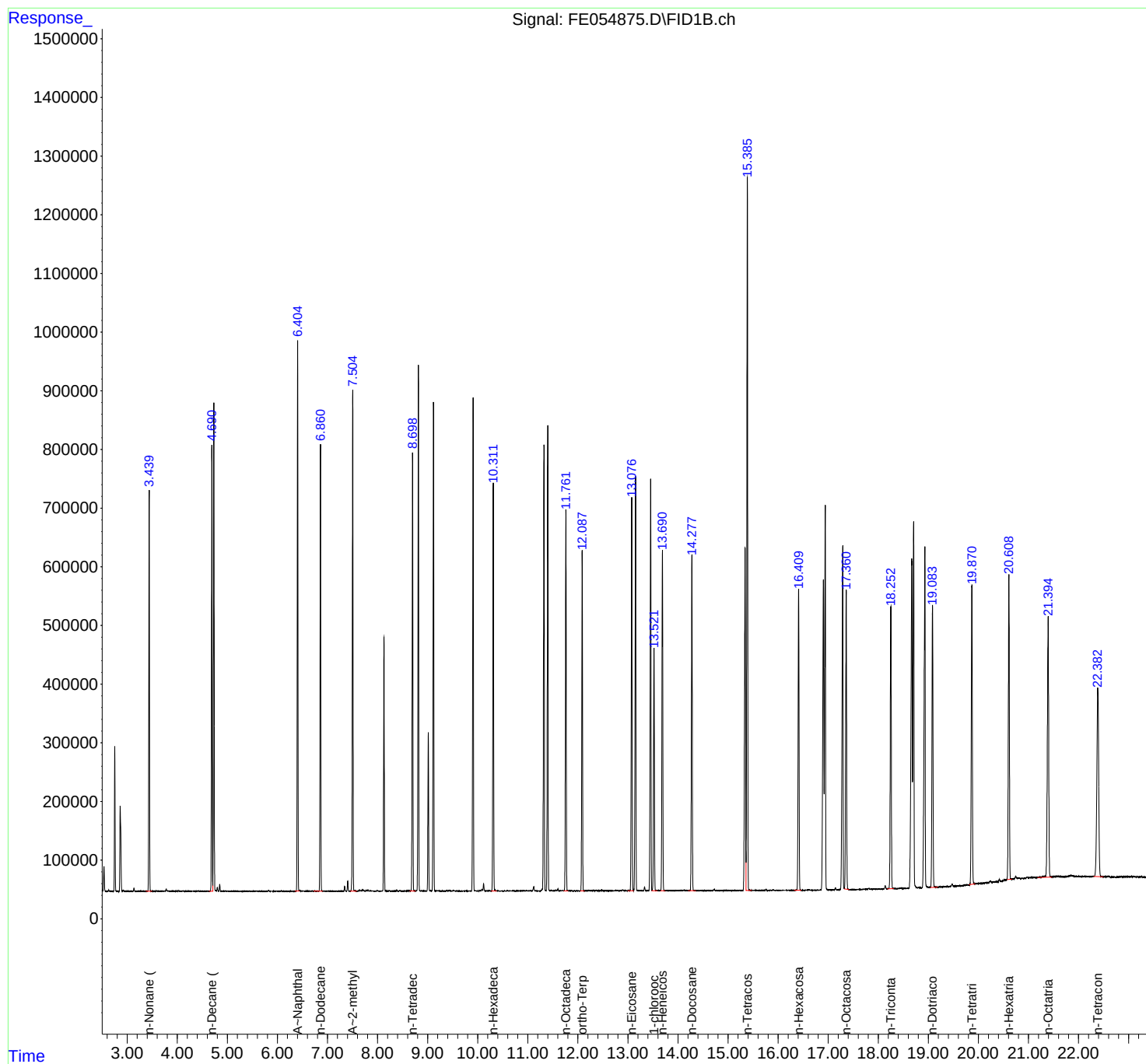
Instrument :
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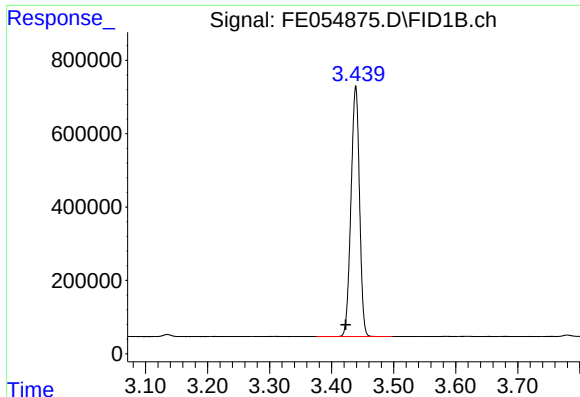
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#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: 0.016 min
Response: 6511213
Conc: 48.41 ug/ml

Instrument :

FID_E

ClientSampleId :

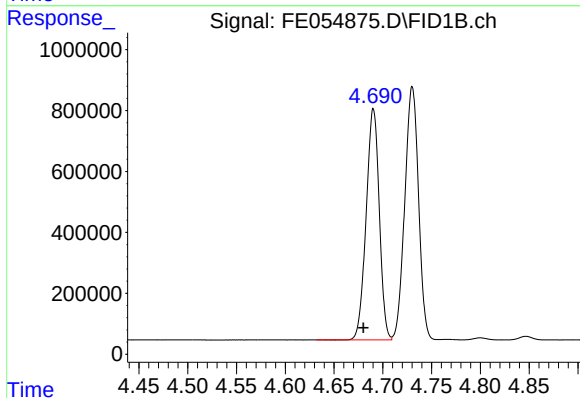
PB168876BS

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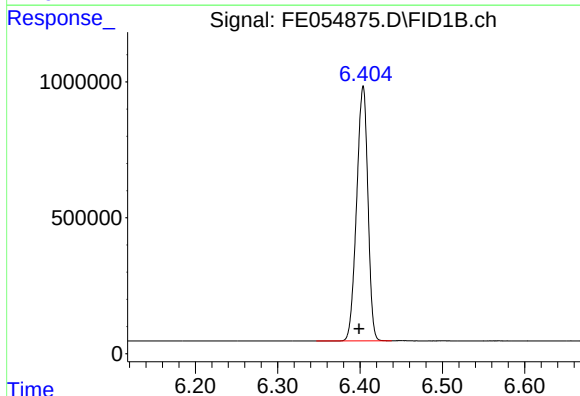
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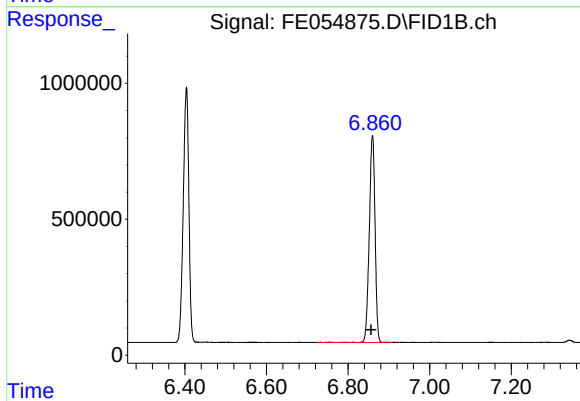
#2 n-Decane (C10)

R.T.: 4.690 min
Delta R.T.: 0.010 min
Response: 7110150
Conc: 52.11 ug/ml



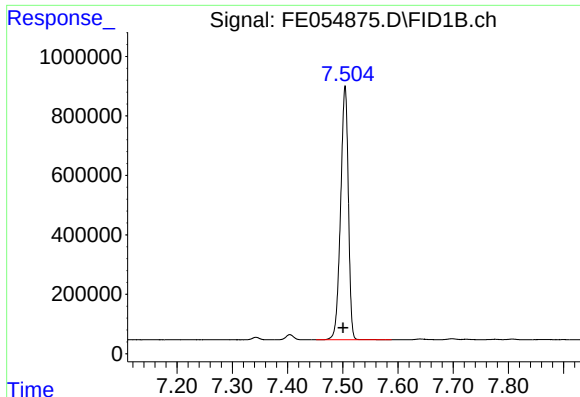
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 8901567
Conc: 58.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 7459975
Conc: 54.37 ug/ml



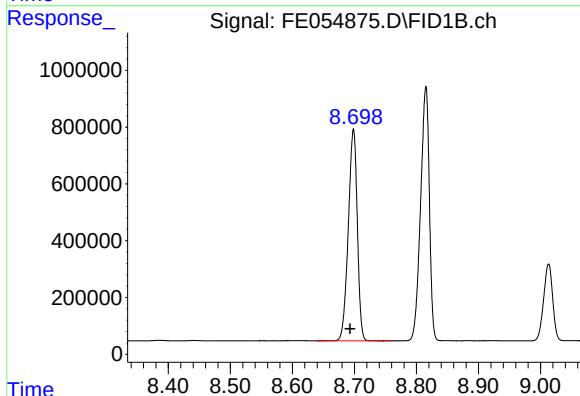
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 8309548
Conc: 56.53 ug/ml

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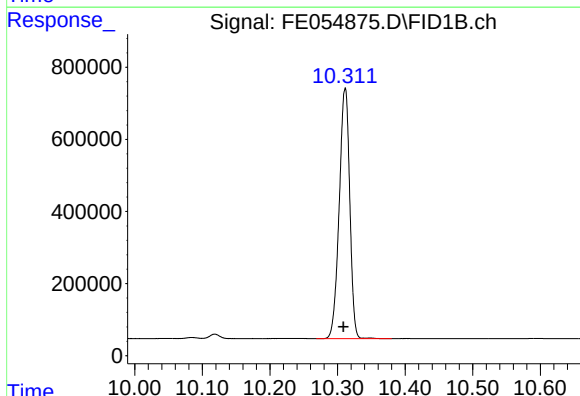
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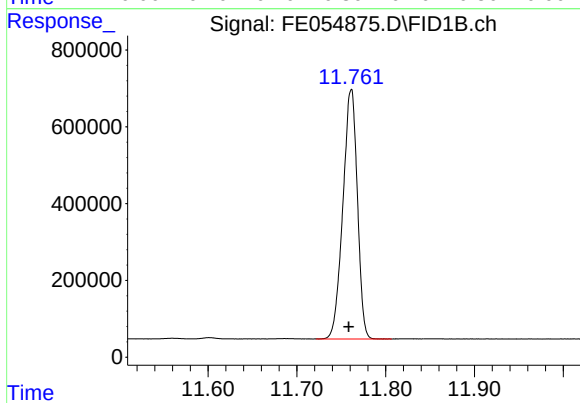
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 7505316
Conc: 54.14 ug/ml



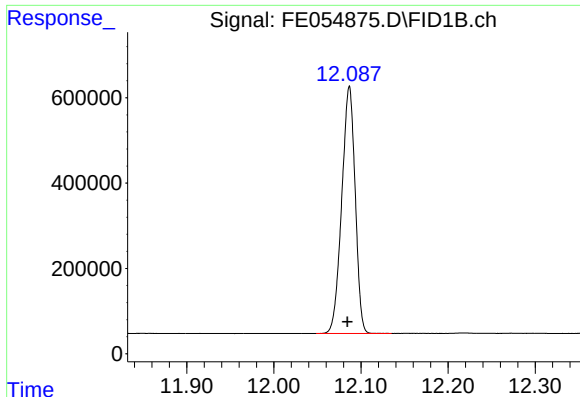
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.002 min
Response: 7523602
Conc: 52.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 7356765
Conc: 50.20 ug/ml



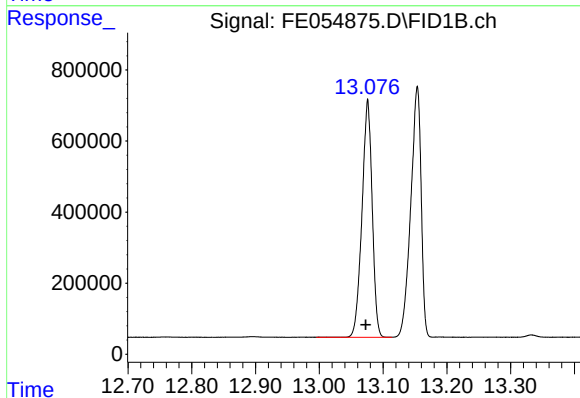
#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 6206072
Conc: 38.22 ug/ml

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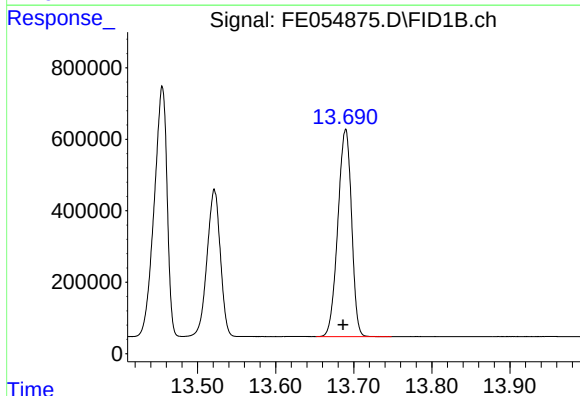
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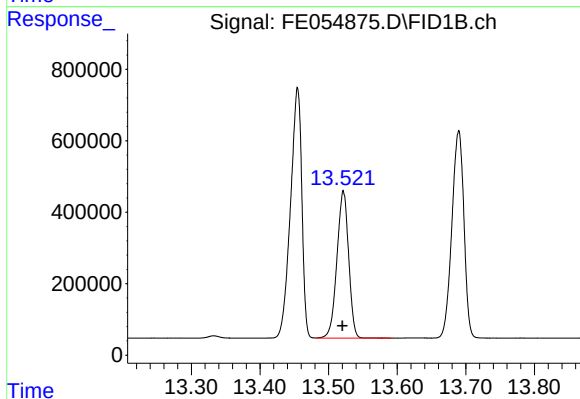
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 7429772
Conc: 51.67 ug/ml



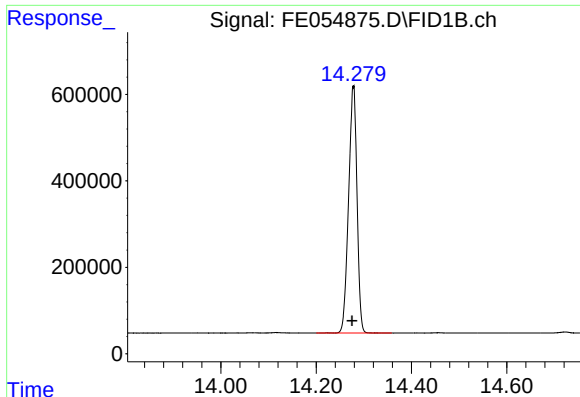
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 7067950
Conc: 49.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.001 min
Response: 4875781
Conc: 38.61 ug/ml



#13 n-Docosane (C22)

R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 6975674
Conc: 48.85 ug/ml

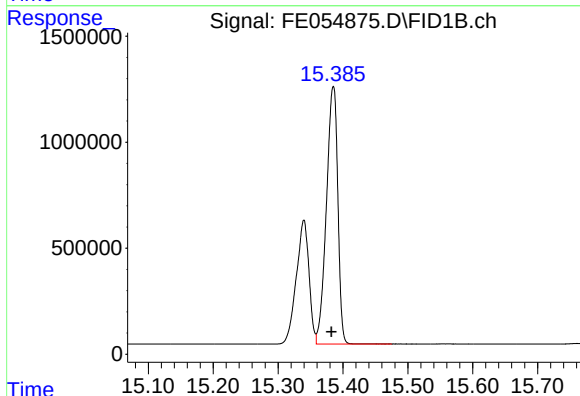
Instrument :

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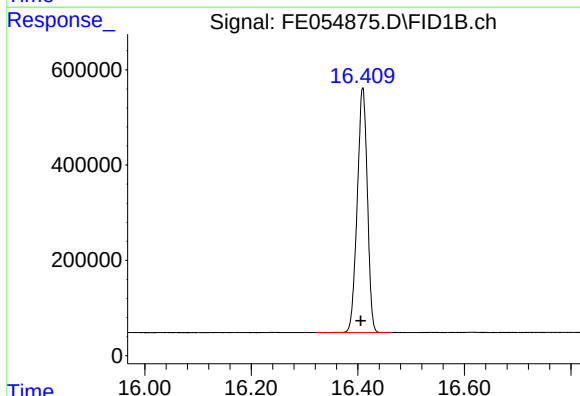
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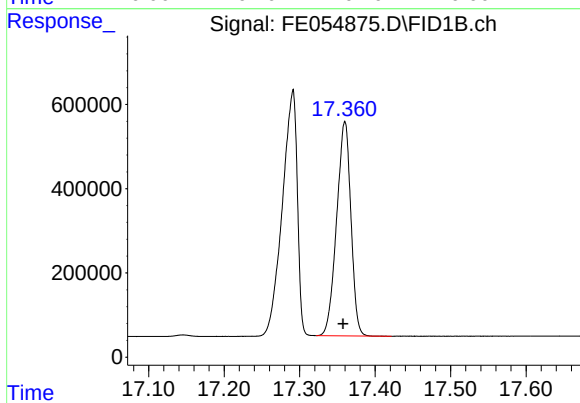
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 14813277
Conc: 101.90 ug/ml



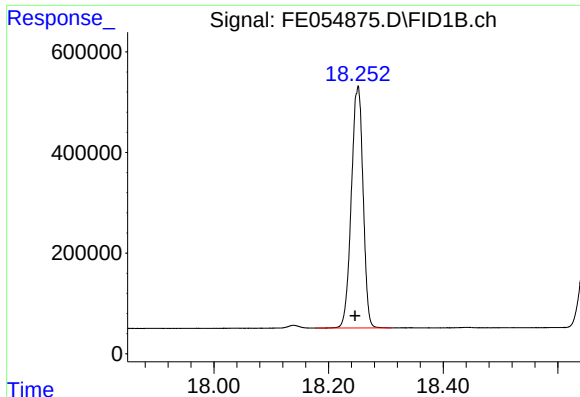
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 6762751
Conc: 46.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.360 min
Delta R.T.: 0.002 min
Response: 6687028
Conc: 45.88 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.004 min
Response: 6816613
Conc: 43.26 ug/ml

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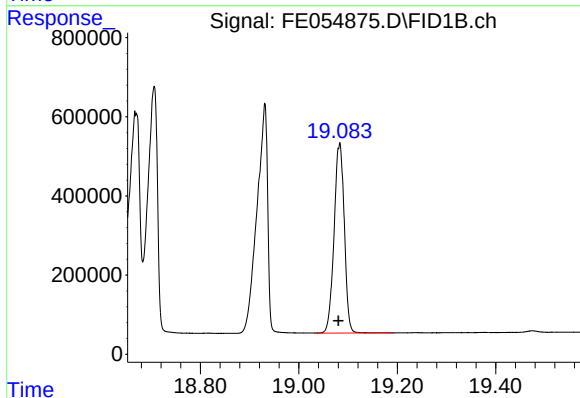
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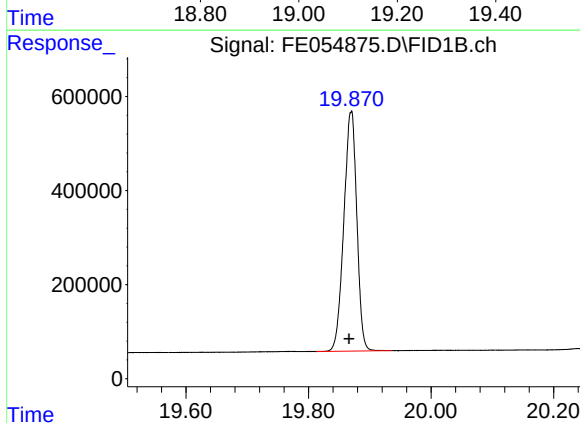
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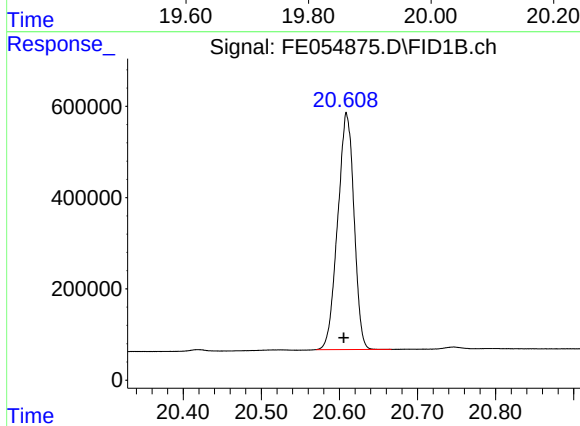
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 6917758
Conc: 42.76 ug/ml



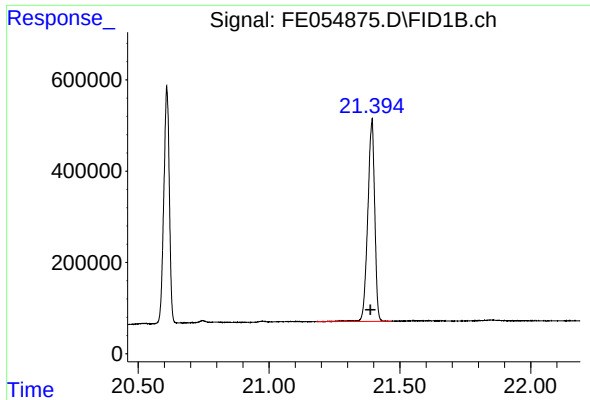
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.004 min
Response: 7505080
Conc: 49.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.609 min
Delta R.T.: 0.004 min
Response: 7526113
Conc: 55.97 ug/ml



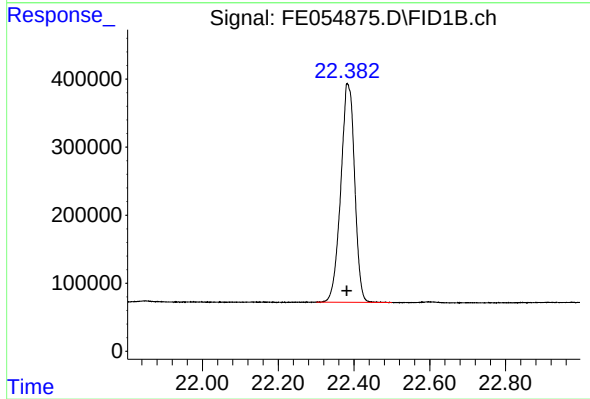
#21 n-Octatriacontane (C38)

R.T.: 21.393 min
Delta R.T.: 0.005 min
Response: 8168418
Conc: 69.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.003 min
Response: 8168994
Conc: 75.37 ug/ml