

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055435.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 19:18
 Operator : YP\AJ
 Sample : Q2915-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 BRIDGE-EASTMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2025
 Supervised By :mohammad ahmed 08/25/2025

Integration File: autoint1.e
 Quant Time: Aug 22 01:21:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.083	5019619	35.150 ug/ml
Spiked Amount 50.000		Recovery =	70.30%
12) S 1-chlorooctadecane (S...	13.519	3964588	36.872 ug/ml
Spiked Amount 50.000		Recovery =	73.74%
Target Compounds			
1) T n-Nonane (C9)	3.418	3771766	32.864 ug/ml
2) T n-Decane (C10)	4.677	4256612	36.539 ug/ml
3) T A~Naphthalene (C11.7)	6.396	5469149	40.744 ug/ml
4) T n-Dodecane (C12)	6.853	4693165	39.411 ug/ml
5) T A~2-methylnaphthalene...	7.498	5242245	40.206 ug/ml
6) T n-Tetradecane (C14)	8.692	5020234	40.945 ug/ml
7) T n-Hexadecane (C16)	10.307	5556844	43.466 ug/ml
8) T n-Octadecane (C18)	11.757	5866307	44.961 ug/ml
10) T n-Eicosane (C20)	13.072	6122509	48.796 ug/ml
11) T n-Heneicosane (C21)	13.686	5932094	48.124 ug/ml
13) T n-Docosane (C22)	14.274	5873271	48.094 ug/ml
14) T n-Tetracosane (C24)	15.383	12149935	99.890 ug/ml
15) T n-Hexacosane (C26)	16.407	5715148	47.767 ug/ml
16) T n-Octacosane (C28)	17.358	5737938	48.371 ug/ml
17) T n-Tricontane (C30)	18.249	5748736	46.719 ug/mlm
18) T n-Dotriacontane (C32)	19.083	5881710	48.206 ug/mlm
19) T n-Tetratriacontane (C34)	19.868	6160131	52.687 ug/mlm
20) T n-Hexatriacontane (C36)	20.611	6215661	56.868 ug/mlm
21) T n-Octatriacontane (C38)	21.391	6573000	60.821 ug/mlm
22) T n-Tetracontane (C40)	22.382	6442842	61.610 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

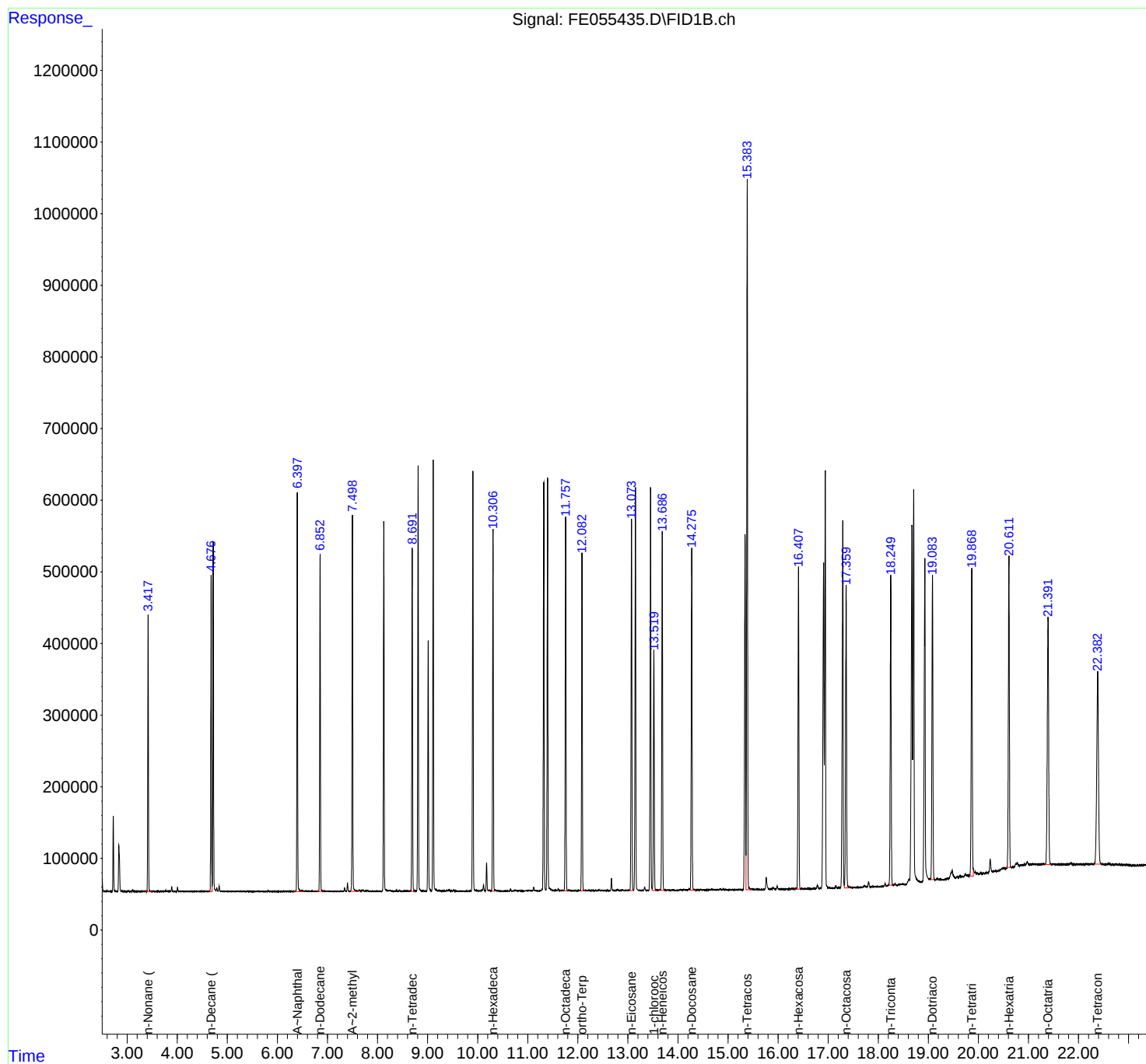
Instrument :
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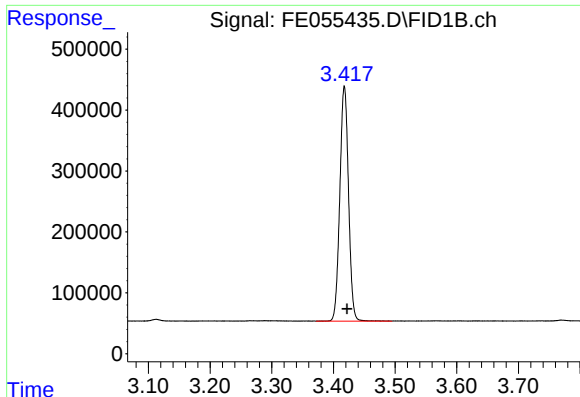
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#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 3771766
Conc: 32.86 ug/ml

Instrument :

FID_E

ClientSampleId :

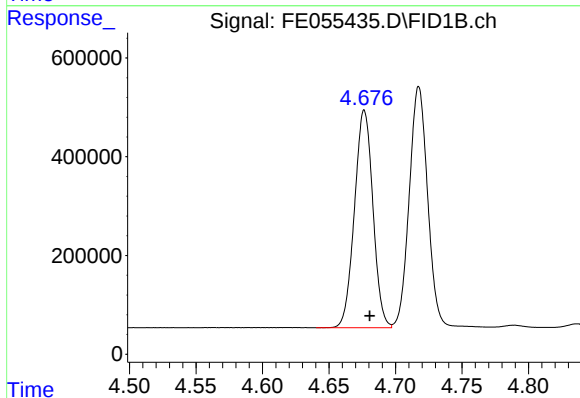
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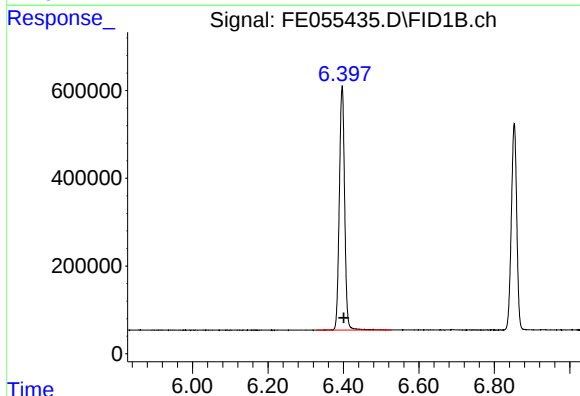
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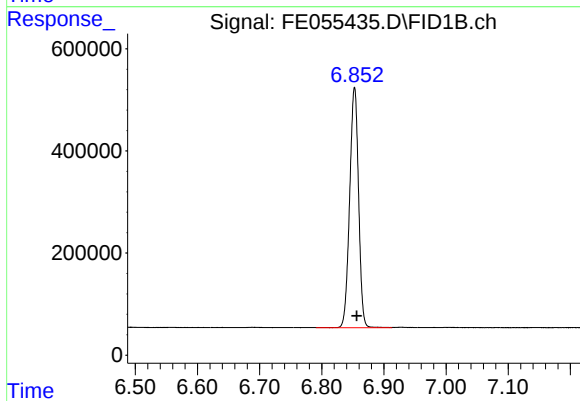
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 4256612
Conc: 36.54 ug/ml



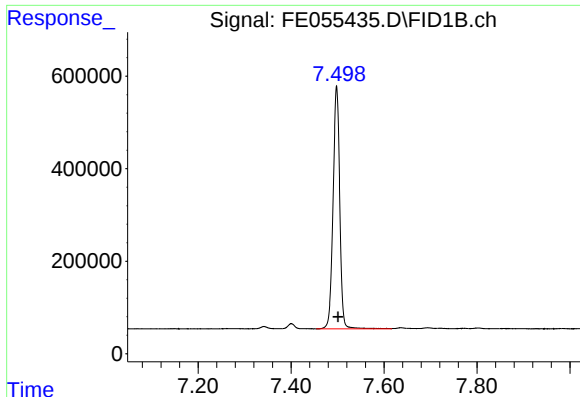
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.004 min
Response: 5469149
Conc: 40.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 4693165
Conc: 39.41 ug/ml



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

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 5242245
Conc: 40.21 ug/ml

Instrument :

FID_E

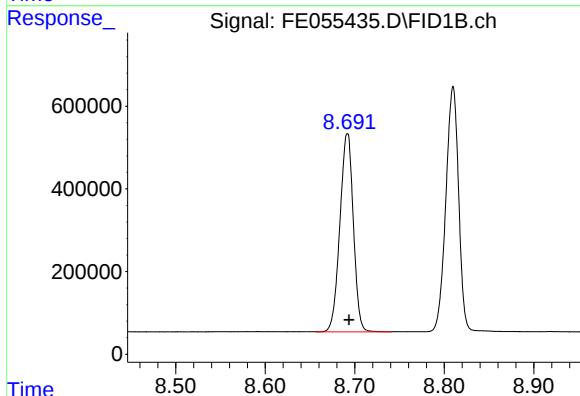
ClientSampleId :

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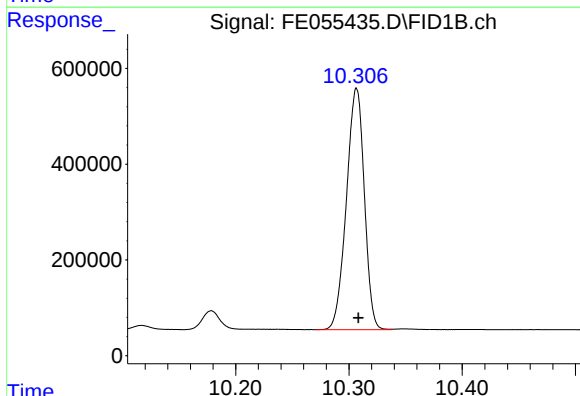
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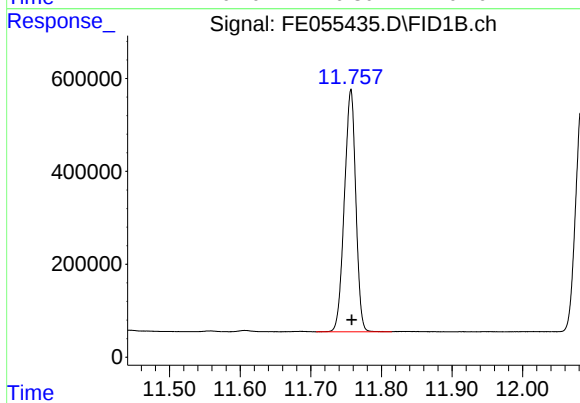
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 5020234
Conc: 40.94 ug/ml



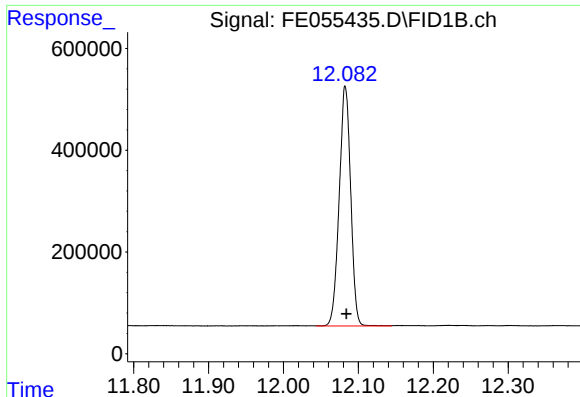
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 5556844
Conc: 43.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 5866307
Conc: 44.96 ug/ml



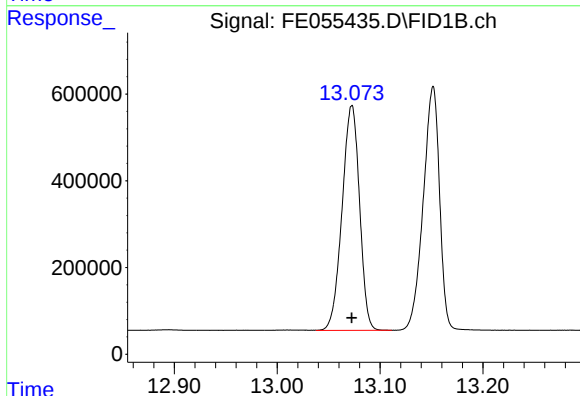
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 5019619
Conc: 35.15 ug/ml

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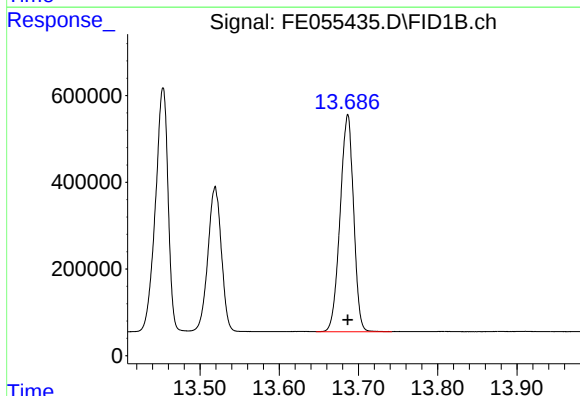
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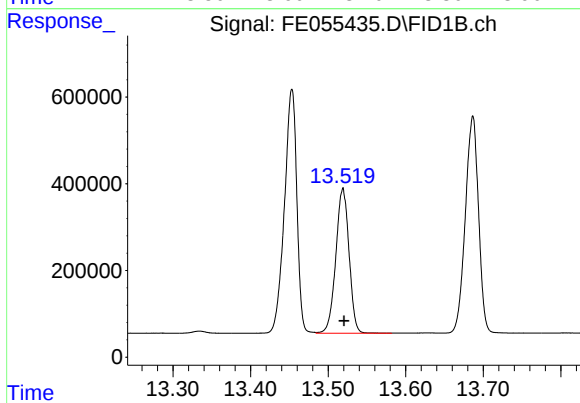
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 6122509
Conc: 48.80 ug/ml



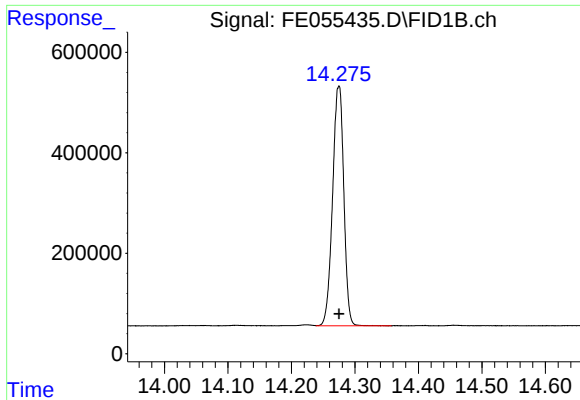
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 5932094
Conc: 48.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 3964588
Conc: 36.87 ug/ml



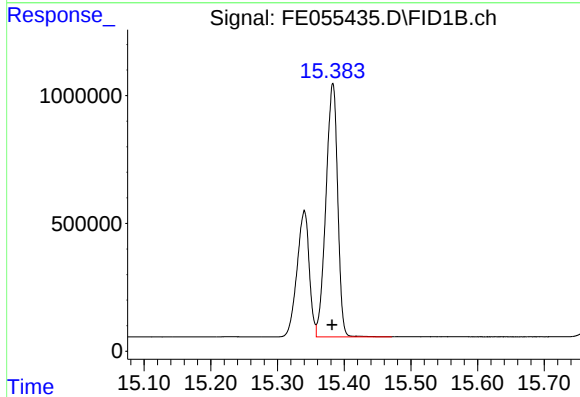
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.000 min
Response: 5873271
Conc: 48.09 ug/ml

Instrument :
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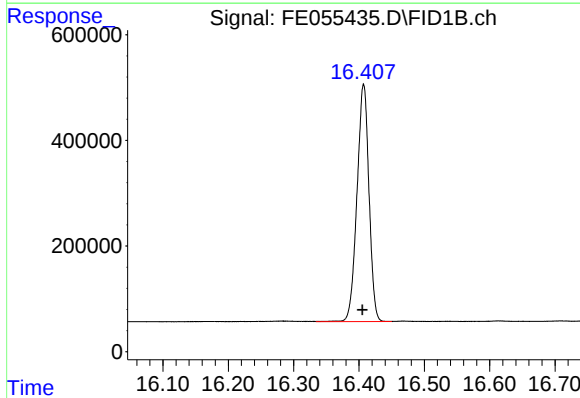
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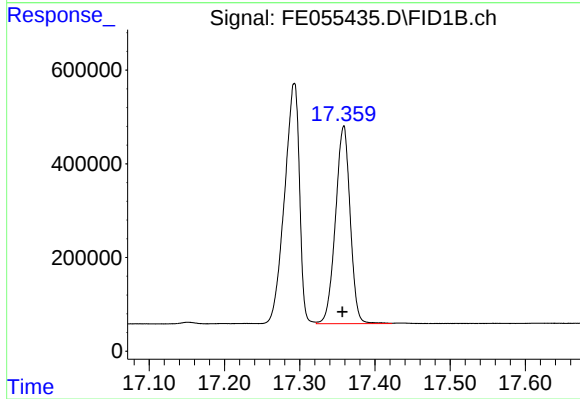
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.000 min
Response: 12149935
Conc: 99.89 ug/ml



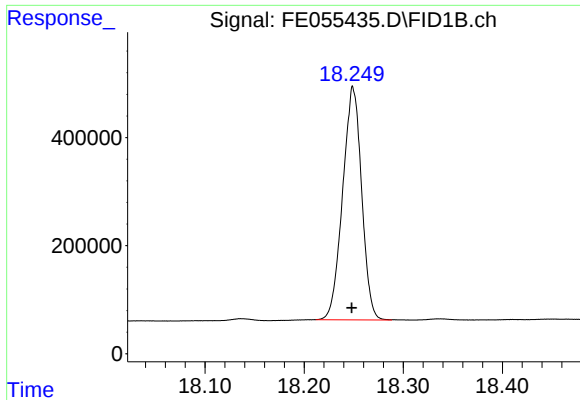
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 5715148
Conc: 47.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 5737938
Conc: 48.37 ug/ml



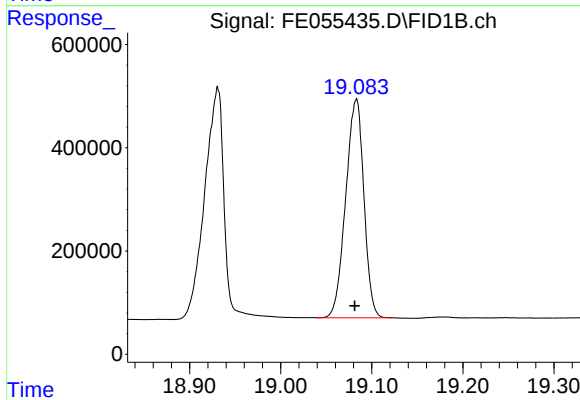
#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 5748736
Conc: 46.72 ug/ml

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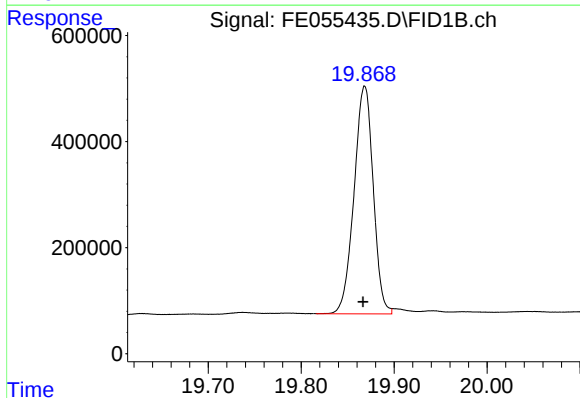
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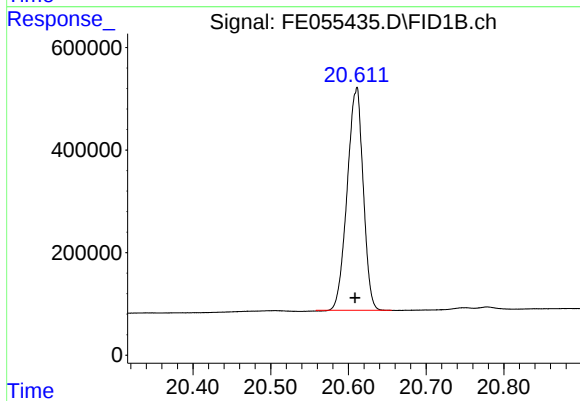
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 5881710
Conc: 48.21 ug/ml m



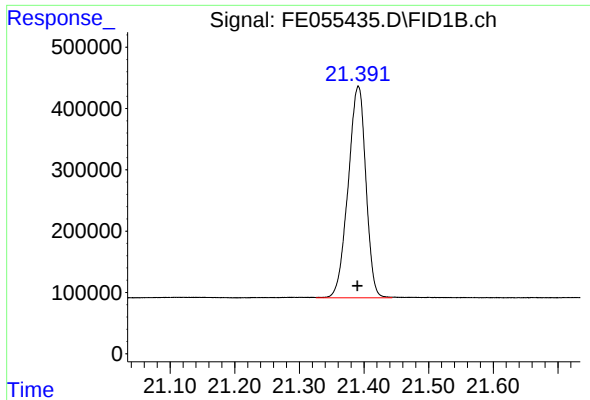
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.000 min
Response: 6160131
Conc: 52.69 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min
Delta R.T.: 0.002 min
Response: 6215661
Conc: 56.87 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.391 min
Delta R.T.: 0.001 min
Response: 6573000
Conc: 60.82 ug/ml

Instrument :

FID_E

ClientSampleId :

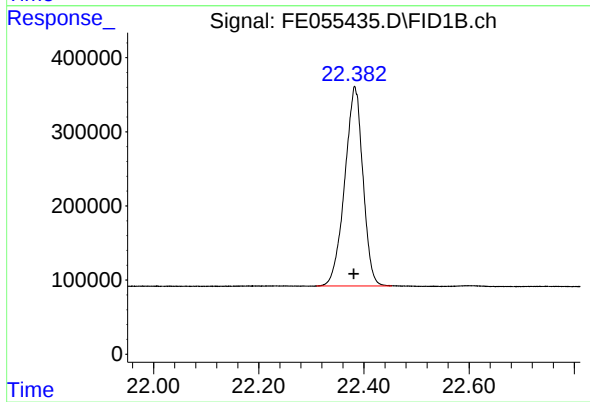
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#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.000 min
Response: 6442842
Conc: 61.61 ug/ml m