

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE053999.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 14:49
 Operator : YP\AJ
 Sample : PB168138BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168138BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/27/2025

Supervised By :mohammad ahmed 05/29/2025

Integration File: autoint1.e

Quant Time: May 23 22:58:06 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M

Quant Title : GC Extractables

QLast Update : Wed May 14 12:15:41 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)	11.843	6100111	37.536 ug/ml
Spiked Amount 50.000		Recovery =	75.07%
12) S 1-chlorooctadecane (S...	13.288	4946187	41.723 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
Target Compounds			
1) T n-Nonane (C9)	3.199	4682060	34.643 ug/ml
2) T n-Decane (C10)	4.457	4816402	35.642 ug/mlm
3) T A~Naphthalene (C11.7)	6.166	5664953	39.418 ug/ml
4) T n-Dodecane (C12)	6.635	5024903	36.838 ug/ml
5) T A~2-methylnaphthalene...	7.268	5169681	37.270 ug/ml
6) T n-Tetradecane (C14)	8.471	5042833	37.368 ug/ml
7) T n-Hexadecane (C16)	10.081	5088049	37.708 ug/ml
8) T n-Octadecane (C18)	11.529	5010436	37.208 ug/ml
10) T n-Eicosane (C20)	12.843	5153813	39.214 ug/ml
11) T n-Heneicosane (C21)	13.456	4948051	38.166 ug/ml
13) T n-Docosane (C22)	14.043	4872292	38.191 ug/ml
14) T n-Tetracosane (C24)	15.140	10077908	80.548 ug/mlm
15) T n-Hexacosane (C26)	16.173	4691599	38.314 ug/ml
16) T n-Octacosane (C28)	17.123	4791933	39.419 ug/mlm
17) T n-Tricontane (C30)	18.014	4605461	36.972 ug/ml
18) T n-Dotriacontane (C32)	18.846	4477473	35.804 ug/ml
19) T n-Tetratriacontane (C34)	19.632	4551884	38.212 ug/ml
20) T n-Hexatriacontane (C36)	20.373	4635524	40.035 ug/ml
21) T n-Octatriacontane (C38)	21.103	4834384	44.423 ug/ml
22) T n-Tetracontane (C40)	21.997	4858874	48.965 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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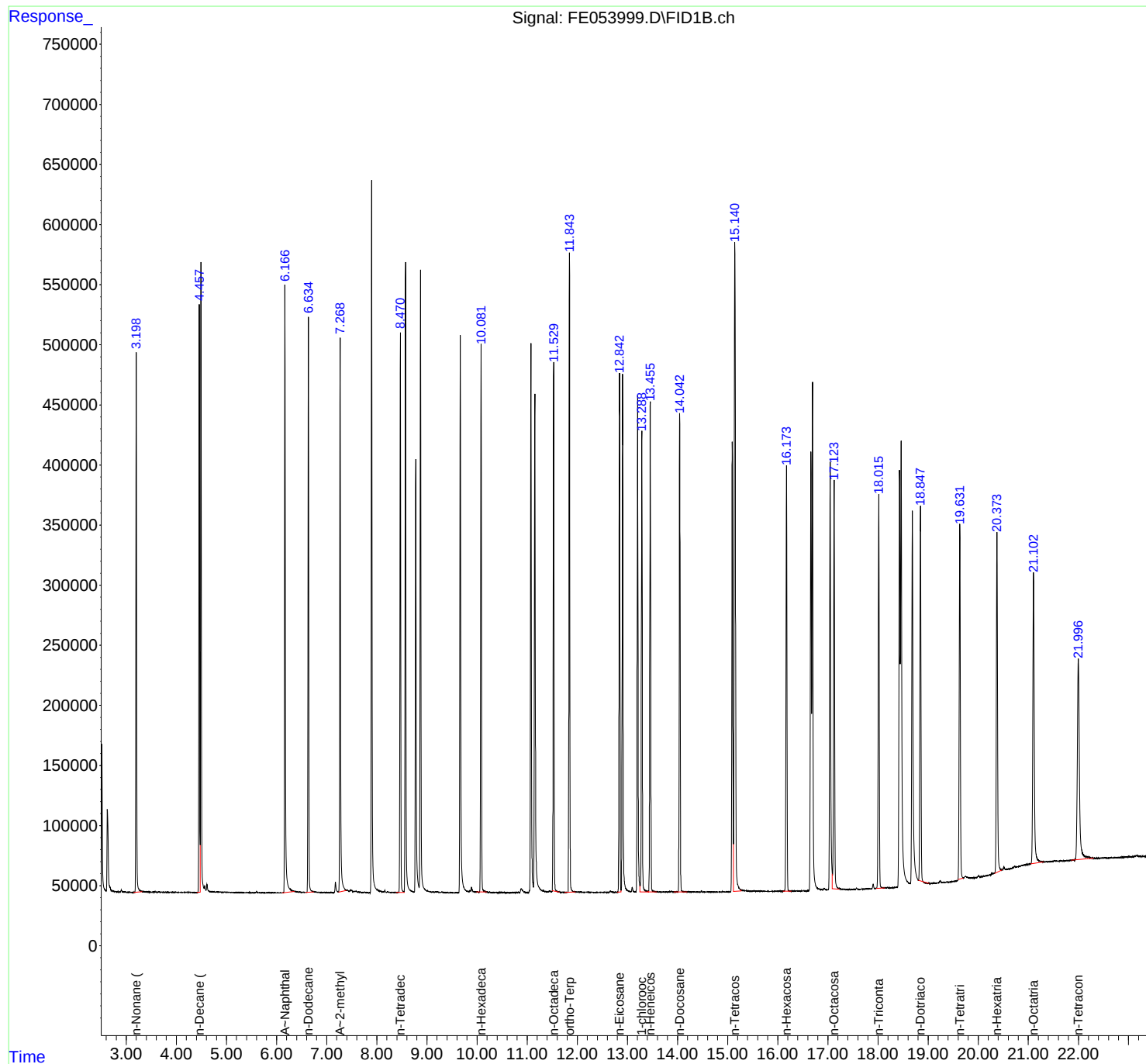
Response via : Initial Calibration

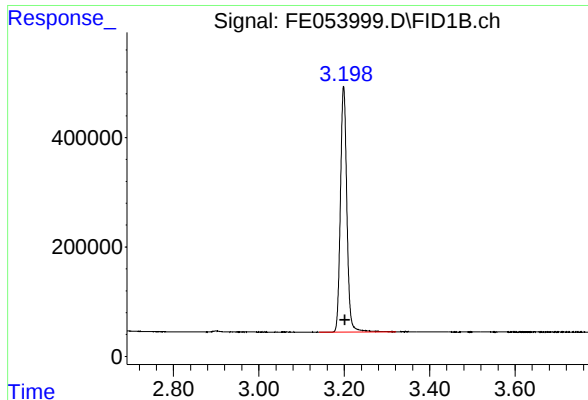
Integrator: ChemStation

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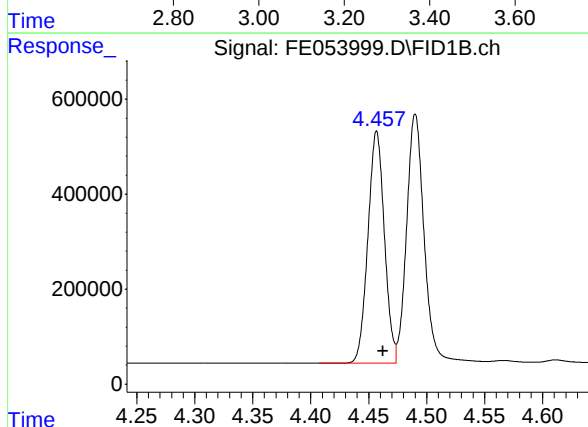
#1 n-Nonane (C9)

R.T.: 3.199 min
Delta R.T.: -0.003 min
Response: 4682060
Conc: 34.64 ug/ml

Instrument :
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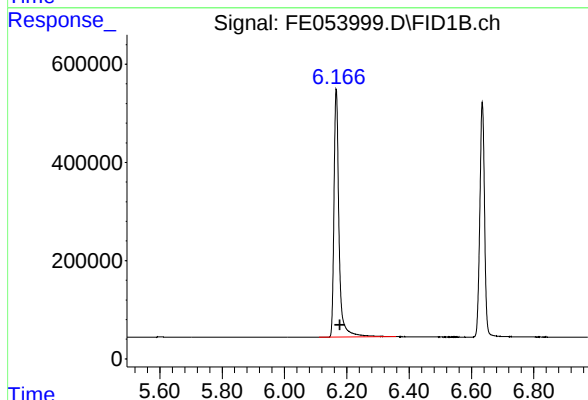
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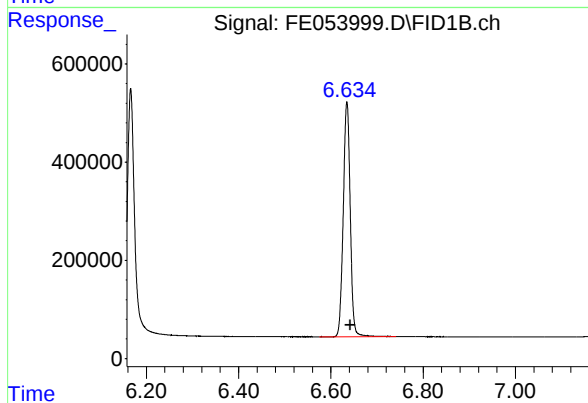
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.006 min
Response: 4816402
Conc: 35.64 ug/ml



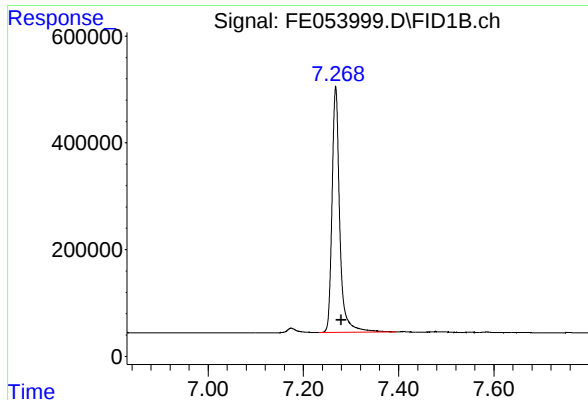
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.012 min
Response: 5664953
Conc: 39.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 5024903
Conc: 36.84 ug/ml



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

R.T.: 7.268 min
Delta R.T.: -0.012 min
Response: 5169681
Conc: 37.27 ug/ml

Instrument :

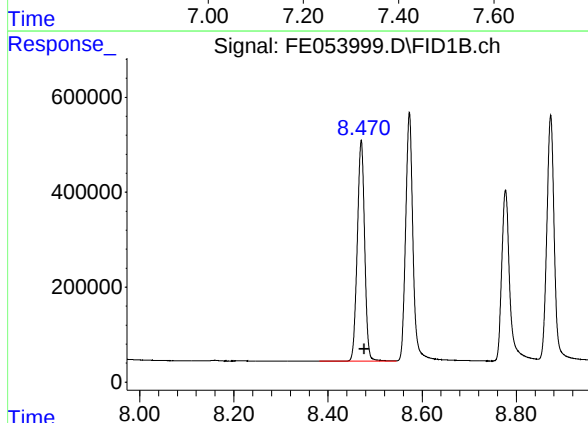
FID_E

ClientSampleId :

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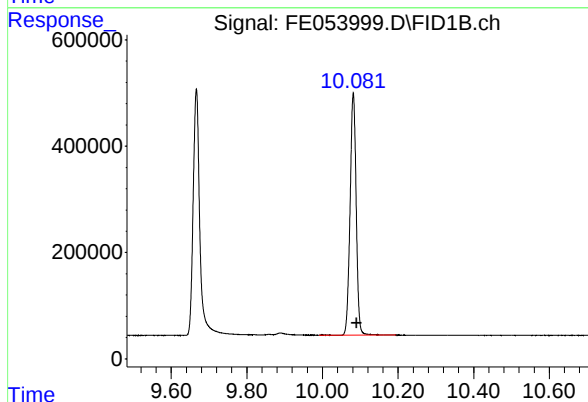
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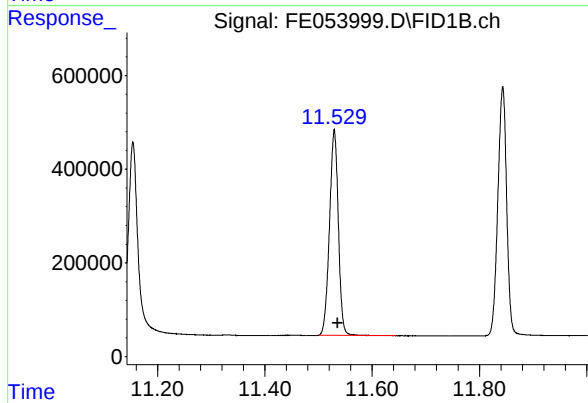
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.007 min
Response: 5042833
Conc: 37.37 ug/ml



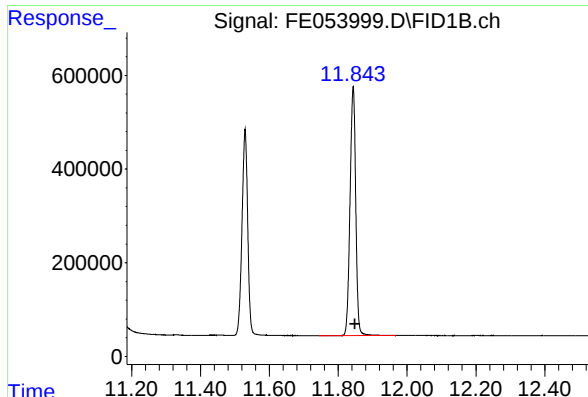
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.008 min
Response: 5088049
Conc: 37.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.007 min
Response: 5010436
Conc: 37.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.006 min
Response: 6100111
Conc: 37.54 ug/ml

Instrument :

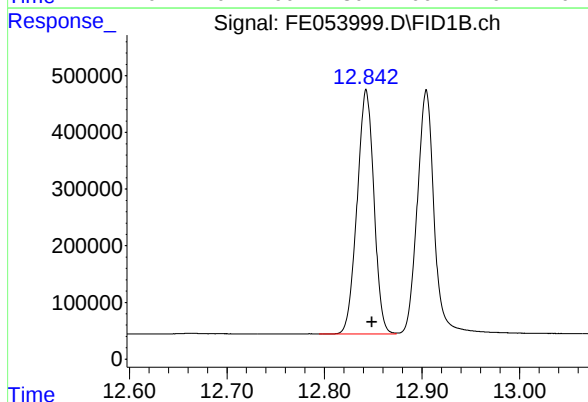
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ClientSampleId :

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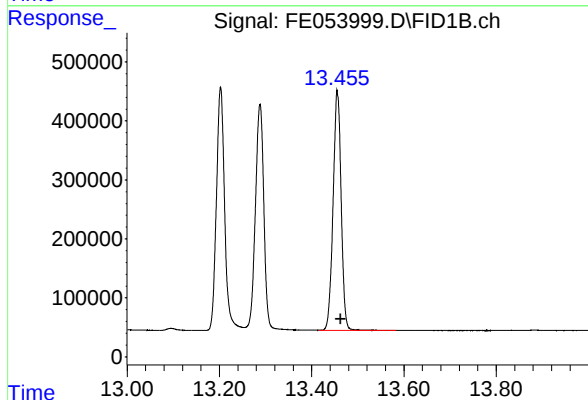
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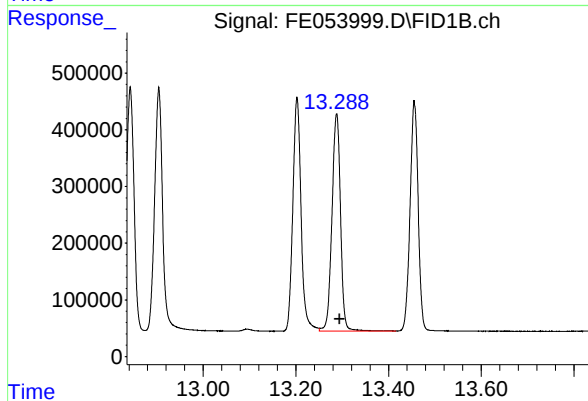
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.006 min
Response: 5153813
Conc: 39.21 ug/ml



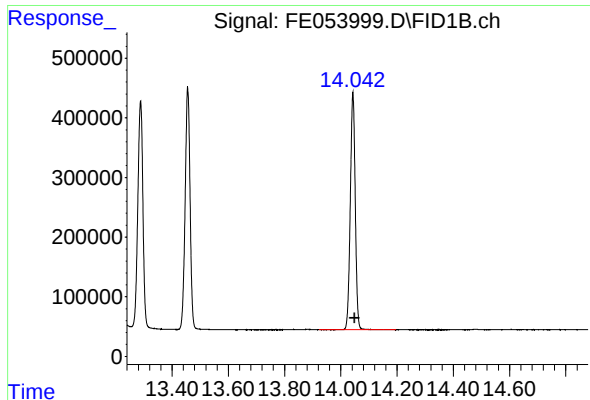
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.007 min
Response: 4948051
Conc: 38.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 4946187
Conc: 41.72 ug/ml



#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.006 min
Response: 4872292
Conc: 38.19 ug/ml

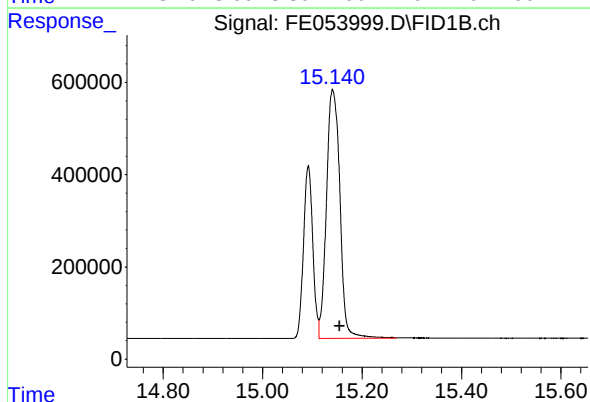
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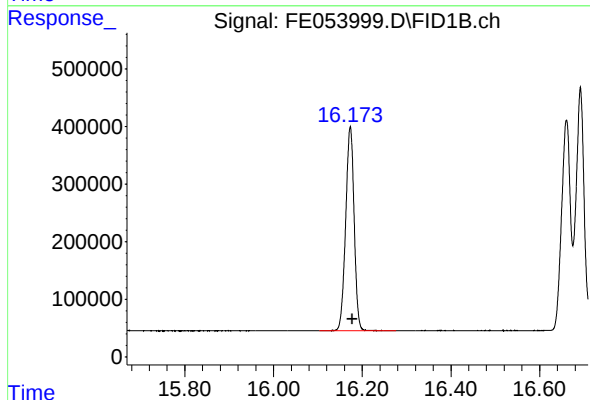
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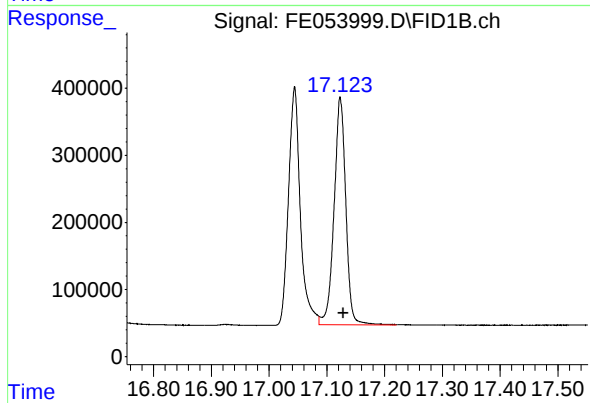
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 10077908
Conc: 80.55 ug/ml m



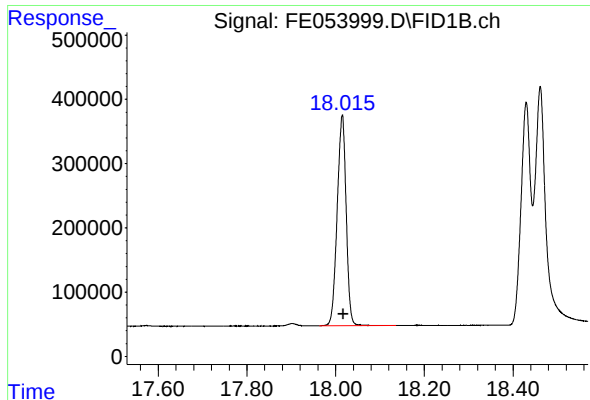
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.005 min
Response: 4691599
Conc: 38.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.006 min
Response: 4791933
Conc: 39.42 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.004 min
Response: 4605461
Conc: 36.97 ug/ml

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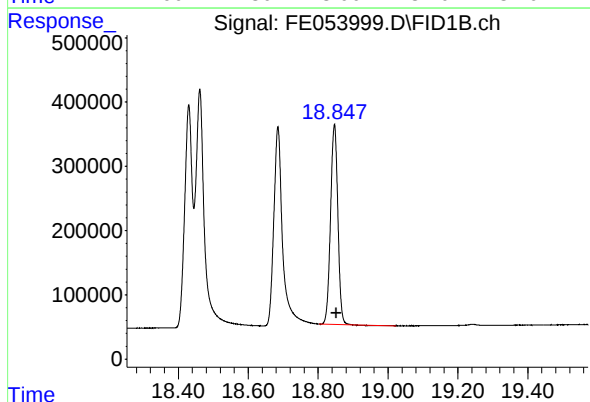
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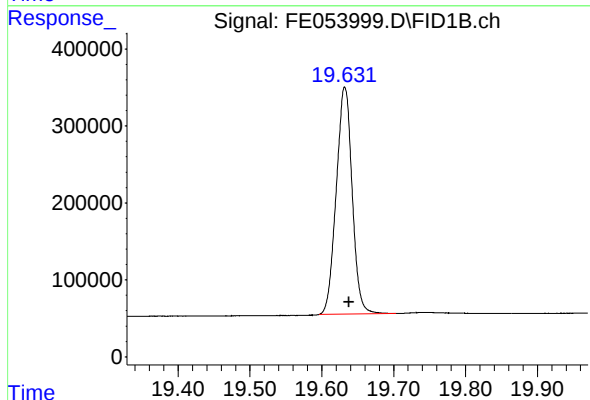
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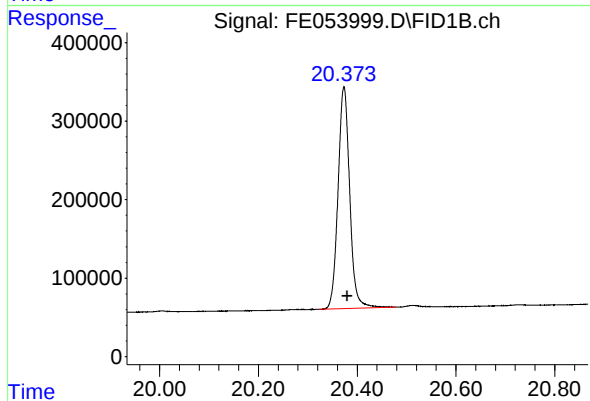
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 4477473
Conc: 35.80 ug/ml



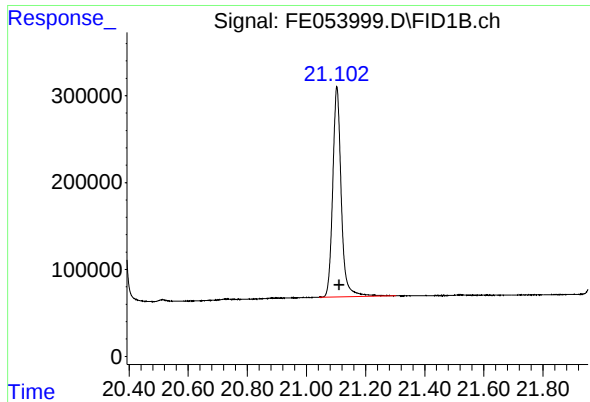
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.006 min
Response: 4551884
Conc: 38.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.007 min
Response: 4635524
Conc: 40.03 ug/ml



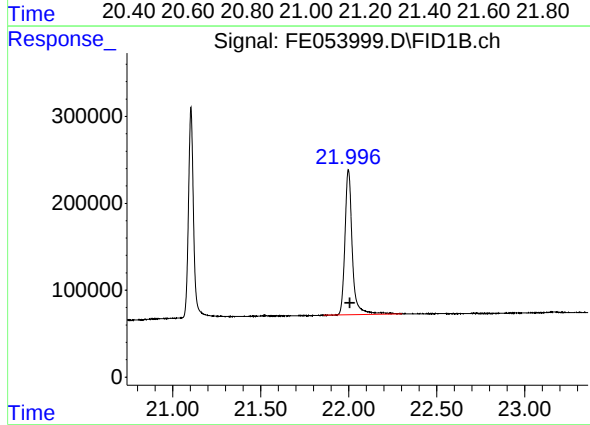
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 4834384
Conc: 44.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.009 min
Response: 4858874
Conc: 48.97 ug/ml