

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092925AL\
 Data File : FE056074.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 06:36
 Operator : YP\AJ
 Sample : PB169879BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB169879BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File: autoint1.e

Quant Time: Sep 30 07:25:07 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 12:55:37 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			
12) S 1-chlorooctadecane (S...	13.512	6013309	43.086 ug/ml
Spiked Amount 50.000		Recovery =	86.17%
Target Compounds			
1) T n-Nonane (C9)	3.413	2435500	17.778 ug/ml
2) T n-Decane (C10)	4.672	3100527	22.216 ug/ml
4) T n-Dodecane (C12)	6.848	3923530	27.336 ug/ml
6) T n-Tetradecane (C14)	8.685	4652270	31.467 ug/ml
7) T n-Hexadecane (C16)	10.299	5403100	34.001 ug/ml
8) T n-Octadecane (C18)	11.749	6159136	36.362 ug/ml
10) T n-Eicosane (C20)	13.064	6667862	40.225 ug/ml
11) T n-Heneicosane (C21)	13.678	6428752	39.564 ug/ml
13) T n-Docosane (C22)	14.266	6314538	39.517 ug/ml
14) T n-Tetracosane (C24)	15.372	5923952	38.876 ug/ml
15) T n-Hexacosane (C26)	16.396	5456075	38.253 ug/ml
16) T n-Octacosane (C28)	17.348	5229109	37.537 ug/ml
17) T n-Tricontane (C30)	18.238	5350436	36.107 ug/ml
18) T n-Dotriacontane (C32)	19.072	5566625	37.310 ug/ml
19) T n-Tetratriacontane (C34)	19.859	5733604	40.534 ug/ml
20) T n-Hexatriacontane (C36)	20.601	5953243	46.375 ug/ml
21) T n-Octatriacontane (C38)	21.378	6088588	46.357 ug/mlm
22) T n-Tetracontane (C40)	22.361	5881420	49.437 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB169879BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

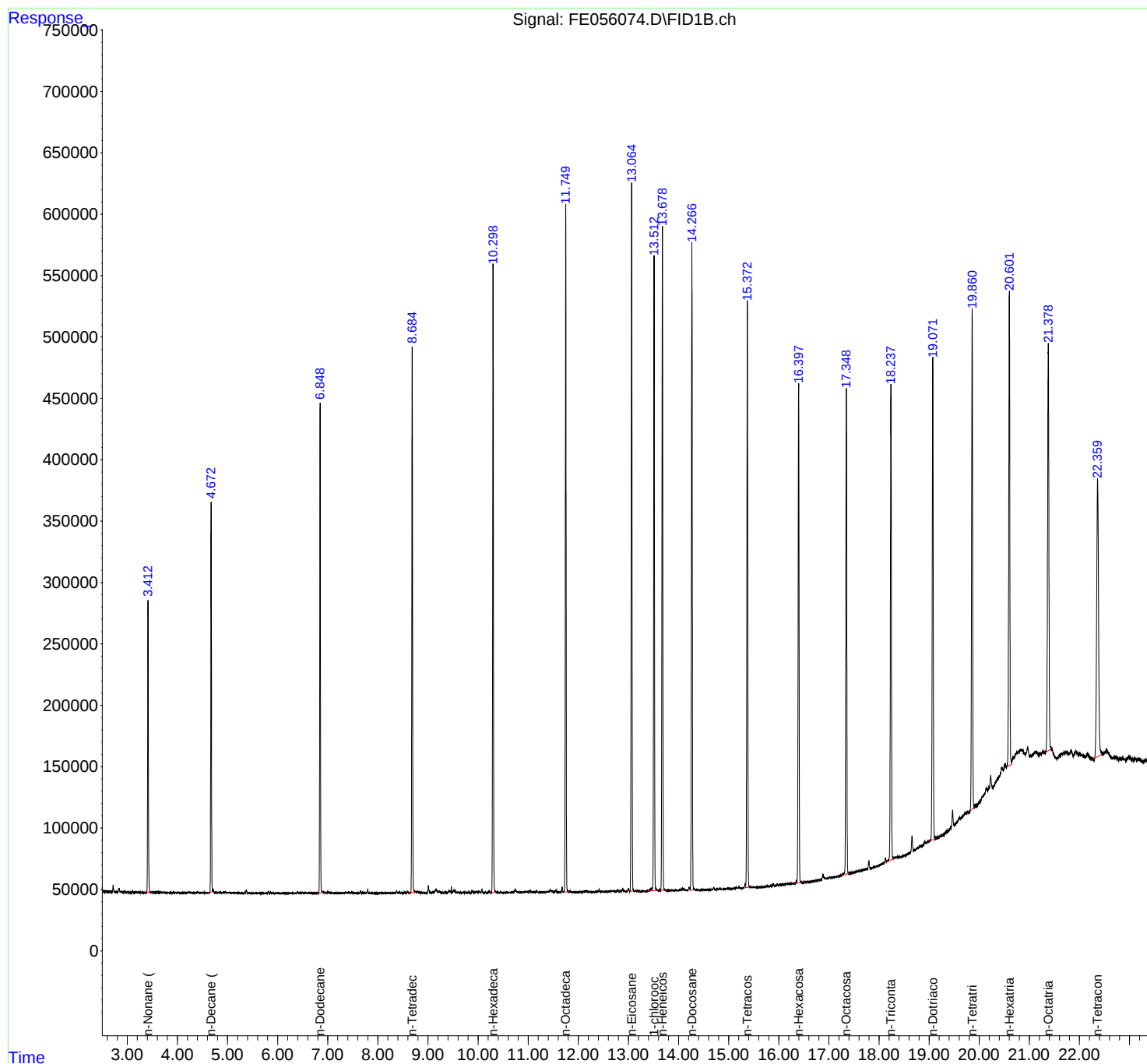
Instrument :
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PB169879BS

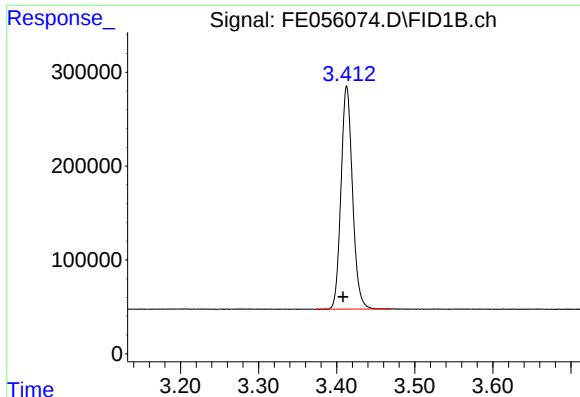
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
Quant Title : GC Extractables
QLast Update : Wed Sep 24 12:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: 0.005 min
Response: 2435500
Conc: 17.78 ug/ml

Instrument :

FID_E

ClientSampleId :

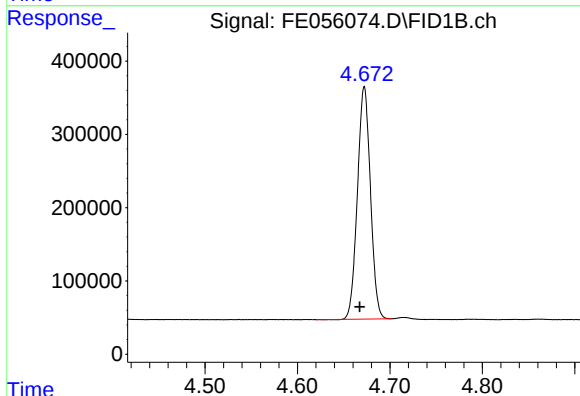
PB169879BS

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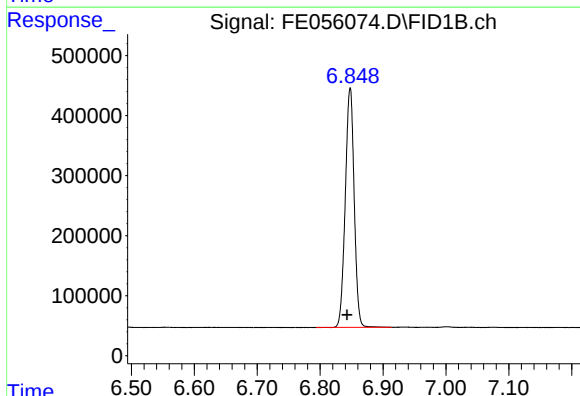
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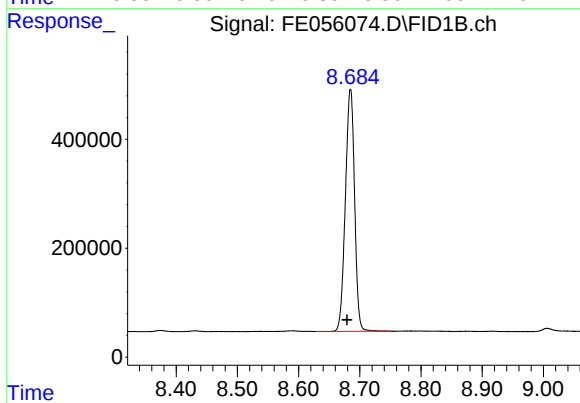
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.005 min
Response: 3100527
Conc: 22.22 ug/ml



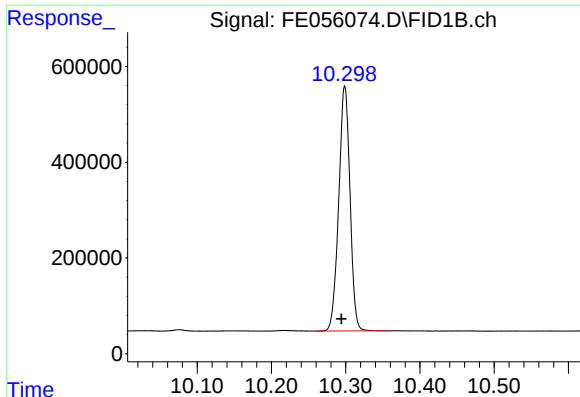
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.005 min
Response: 3923530
Conc: 27.34 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.005 min
Response: 4652270
Conc: 31.47 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: 0.004 min
Response: 5403100
Conc: 34.00 ug/ml

Instrument :

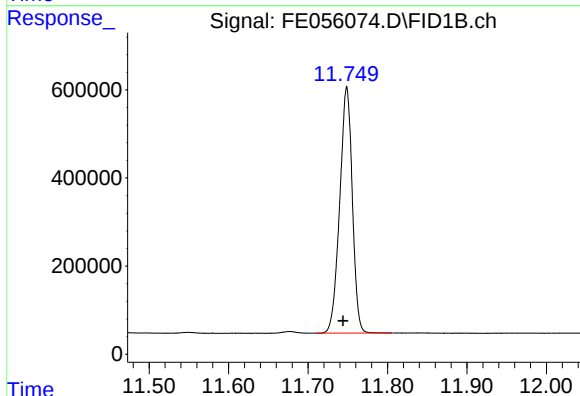
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ClientSampleId :

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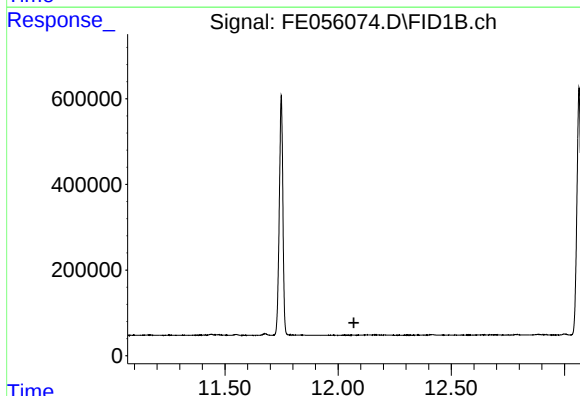
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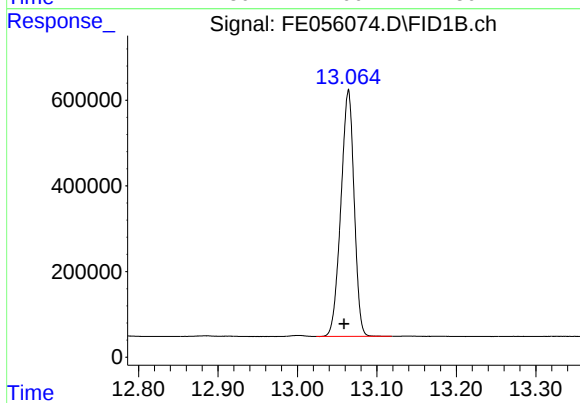
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: 0.005 min
Response: 6159136
Conc: 36.36 ug/ml



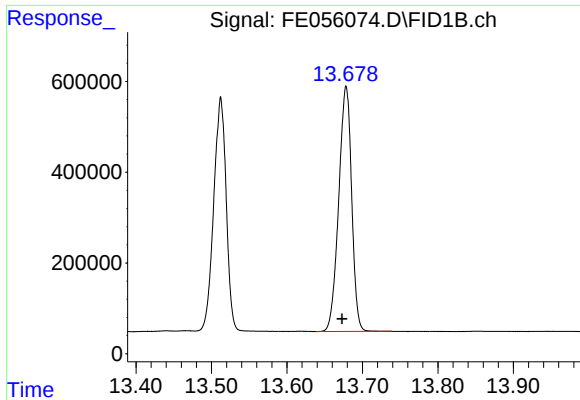
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.070 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.005 min
Response: 6667862
Conc: 40.22 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.005 min
Response: 6428752
Conc: 39.56 ug/ml

Instrument :

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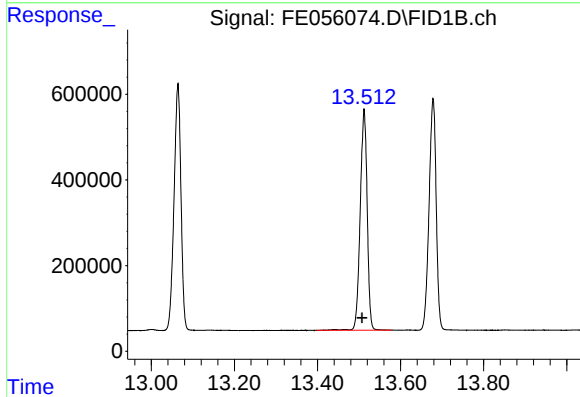
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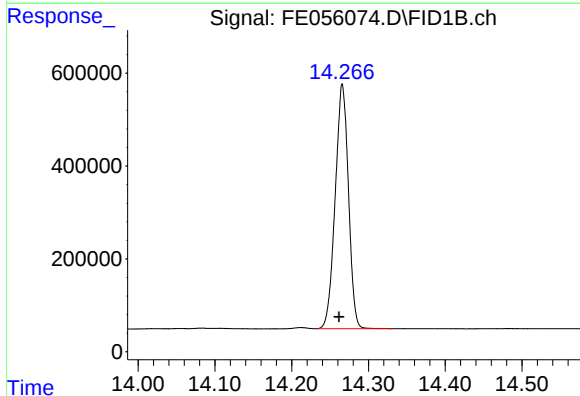
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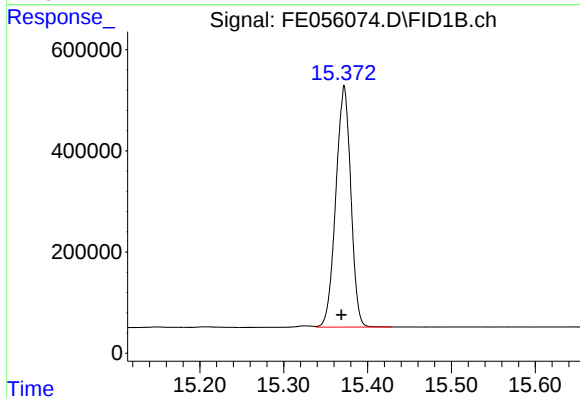
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.005 min
Response: 6013309
Conc: 43.09 ug/ml



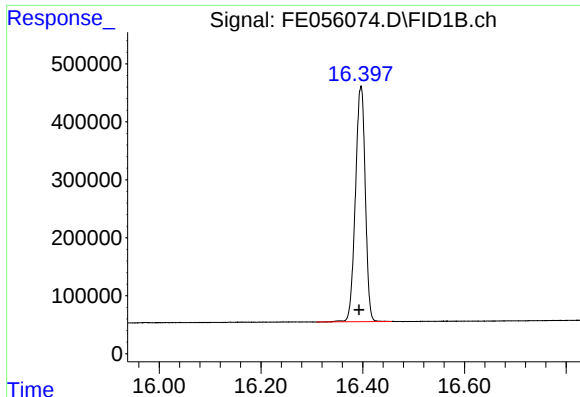
#13 n-Docosane (C22)

R.T.: 14.266 min
Delta R.T.: 0.005 min
Response: 6314538
Conc: 39.52 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: 0.003 min
Response: 5923952
Conc: 38.88 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: 0.004 min
Response: 5456075
Conc: 38.25 ug/ml

Instrument :

FID_E

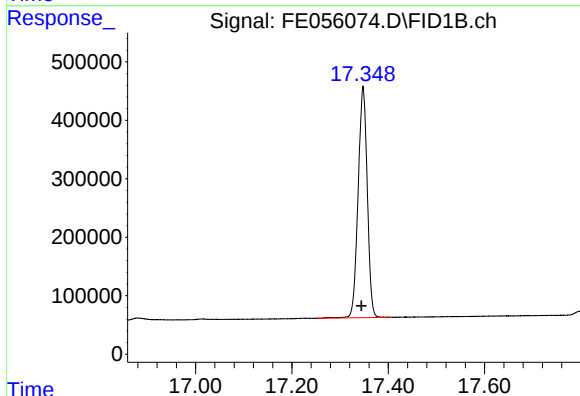
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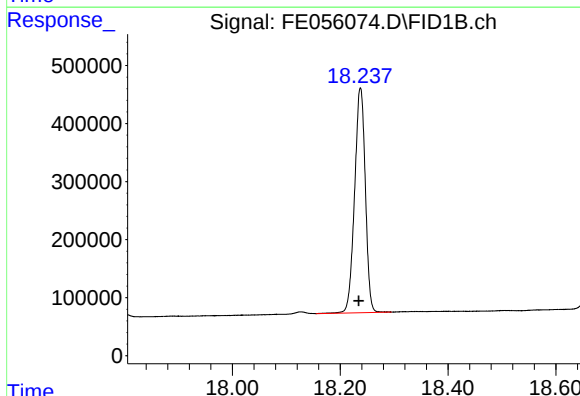
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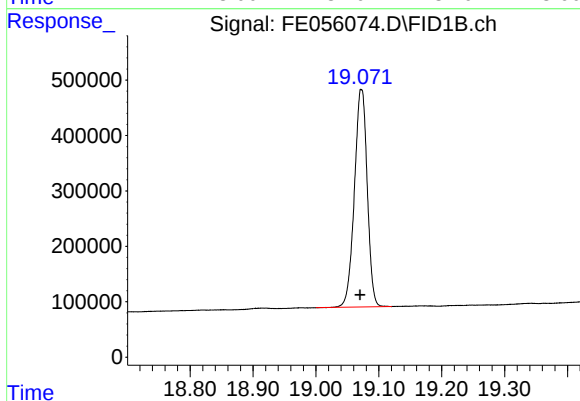
#16 n-Octacosane (C28)

R.T.: 17.348 min
Delta R.T.: 0.003 min
Response: 5229109
Conc: 37.54 ug/ml



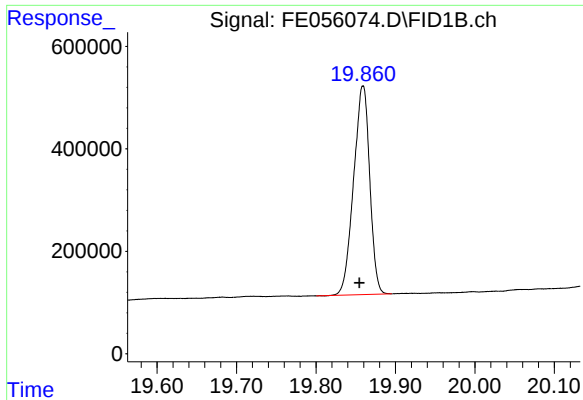
#17 n-Tricontane (C30)

R.T.: 18.238 min
Delta R.T.: 0.003 min
Response: 5350436
Conc: 36.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.072 min
Delta R.T.: 0.002 min
Response: 5566625
Conc: 37.31 ug/ml



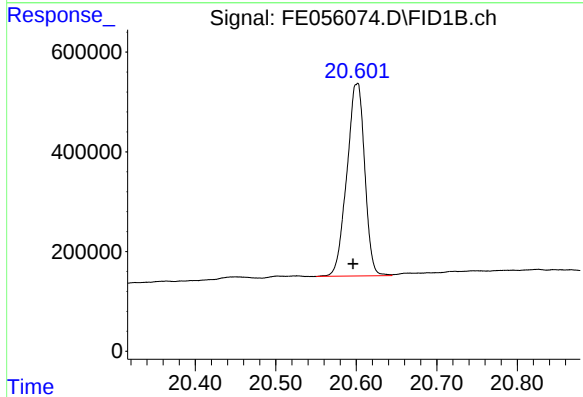
#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: 0.004 min
Response: 5733604
Conc: 40.53 ug/ml

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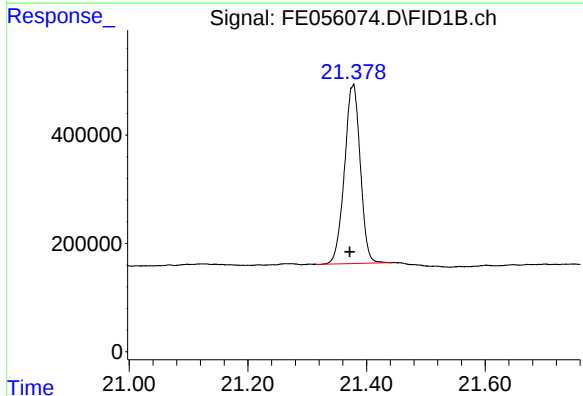
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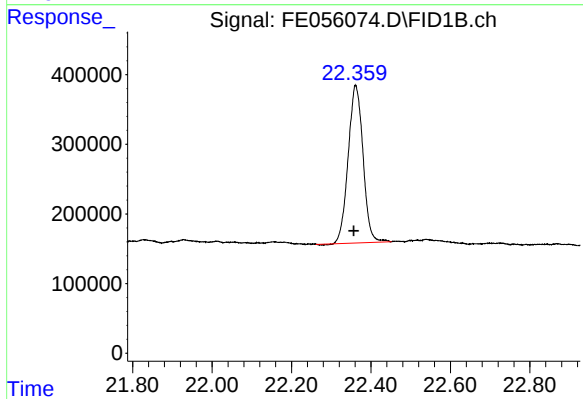
#20 n-Hexatriacontane (C36)

R.T.: 20.601 min
Delta R.T.: 0.005 min
Response: 5953243
Conc: 46.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: 0.007 min
Response: 6088588
Conc: 46.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: 0.005 min
Response: 5881420
Conc: 49.44 ug/ml