

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
 Data File : FE054071.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 15:04
 Operator : YP\AJ
 Sample : PB168197BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168197BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e

Quant Time: May 30 01:34:52 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)	11.841	6173805	37.990 ug/ml
Spiked Amount 50.000		Recovery =	75.98%
12) S 1-chlorooctadecane (S...	13.286	5010042	42.261 ug/ml
Spiked Amount 50.000		Recovery =	84.52%
Target Compounds			
1) T n-Nonane (C9)	3.195	4547104	33.644 ug/ml
2) T n-Decane (C10)	4.454	4732394	35.021 ug/ml
3) T A~Naphthalene (C11.7)	6.165	5824018	40.525 ug/ml
4) T n-Dodecane (C12)	6.633	5074417	37.201 ug/ml
5) T A~2-methylnaphthalene...	7.267	5371350	38.724 ug/ml
6) T n-Tetradecane (C14)	8.469	5153139	38.186 ug/ml
7) T n-Hexadecane (C16)	10.080	5294024	39.234 ug/ml
8) T n-Octadecane (C18)	11.528	5293880	39.313 ug/mlm
10) T n-Eicosane (C20)	12.841	5469812	41.618 ug/ml
11) T n-Heneicosane (C21)	13.454	5258808	40.564 ug/ml
13) T n-Docosane (C22)	14.042	5186627	40.655 ug/ml
14) T n-Tetracosane (C24)	15.140	10884787	86.997 ug/ml
15) T n-Hexacosane (C26)	16.171	5040356	41.162 ug/ml
16) T n-Octacosane (C28)	17.122	5183371	42.639 ug/ml
17) T n-Tricontane (C30)	18.012	4975045	39.939 ug/ml
18) T n-Dotriacontane (C32)	18.845	4913922	39.294 ug/mlm
19) T n-Tetratriacontane (C34)	19.629	5073578	42.592 ug/ml
20) T n-Hexatriacontane (C36)	20.371	5281457	45.613 ug/ml
21) T n-Octatriacontane (C38)	21.101	5774458	53.062 ug/ml
22) T n-Tetracontane (C40)	21.995	5989404	60.358 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168197BS
Misc :
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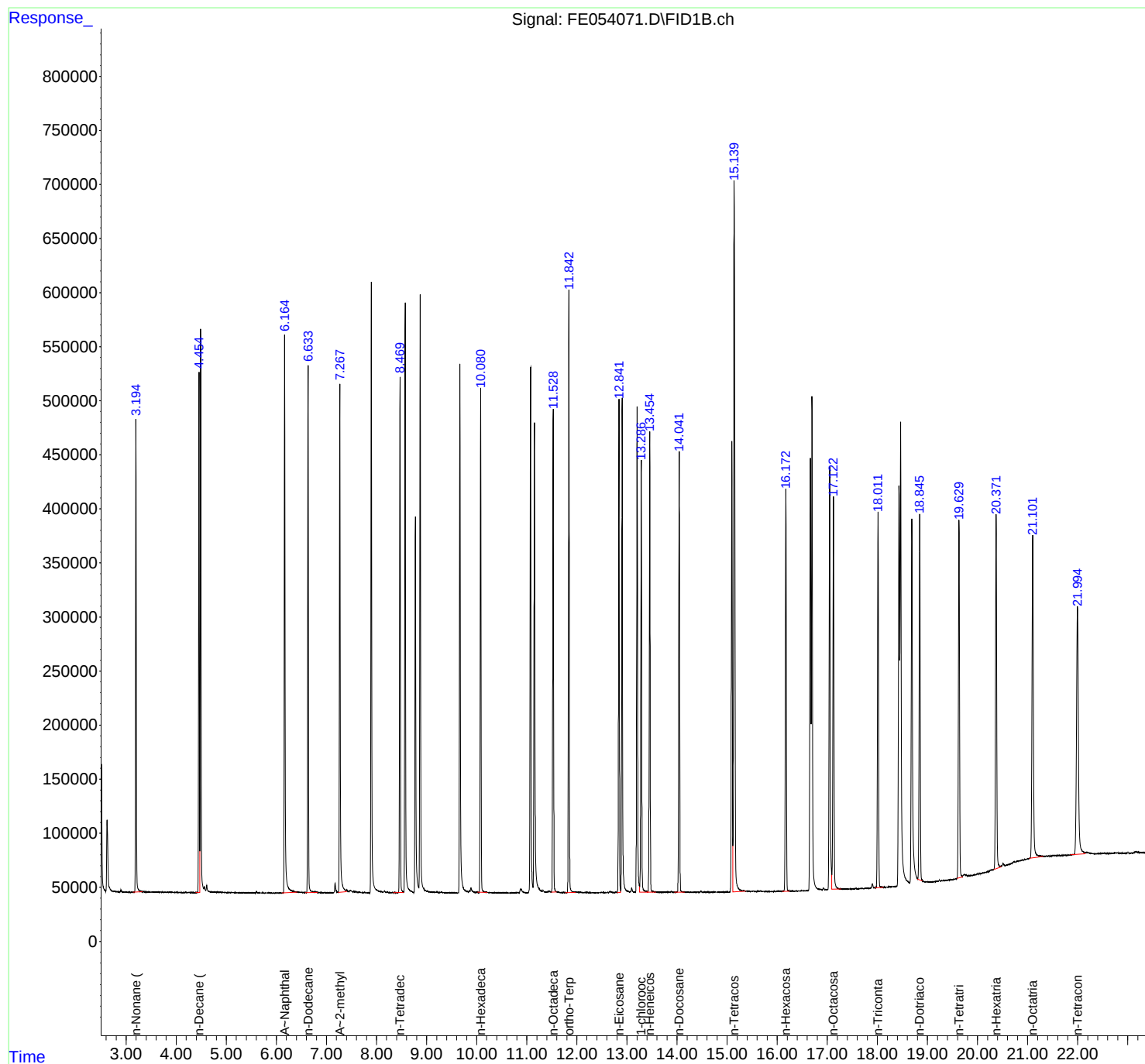
Instrument :
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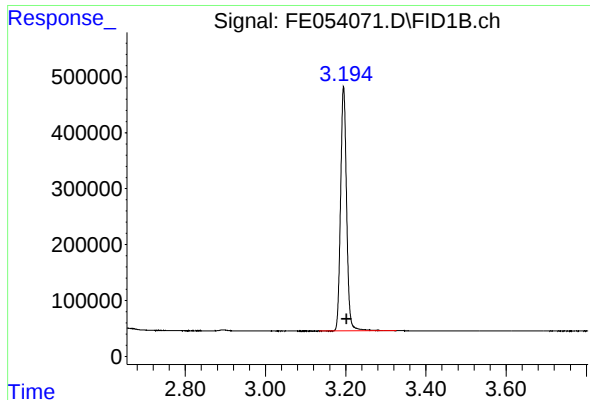
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Quant Title : GC Extractables
QLast Update : Wed May 14 12:15:41 2025
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.195 min
Delta R.T.: -0.007 min
Response: 4547104
Conc: 33.64 ug/ml

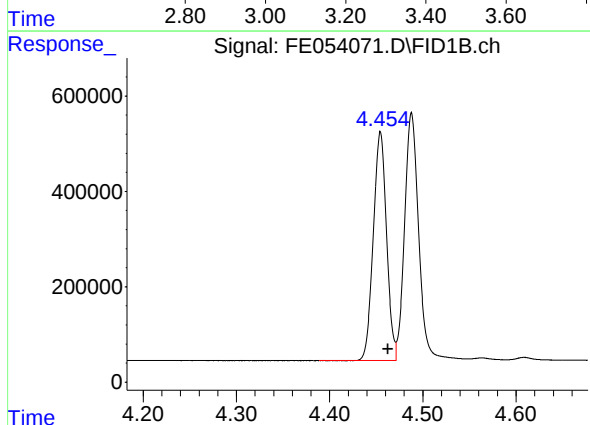
Instrument :

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PB168197BS

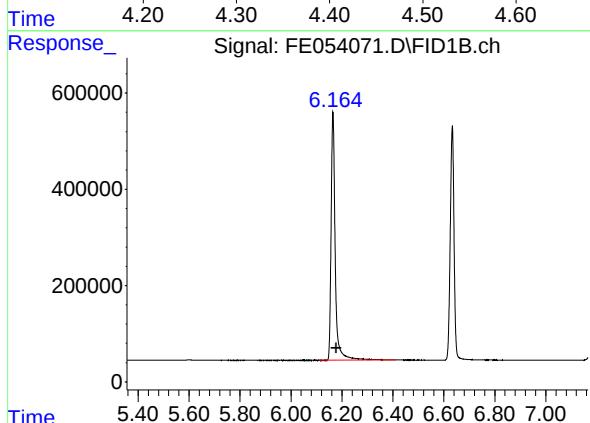
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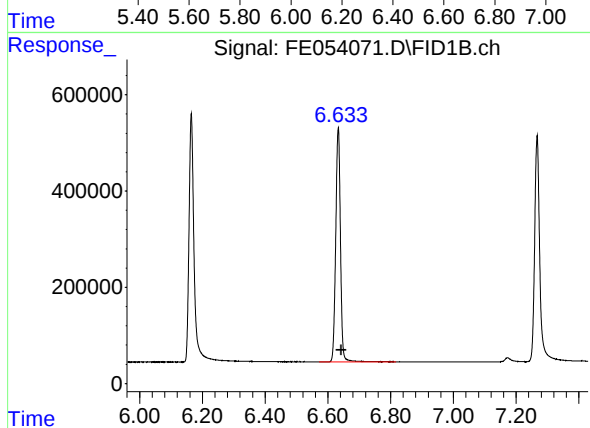
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.008 min
Response: 4732394
Conc: 35.02 ug/ml



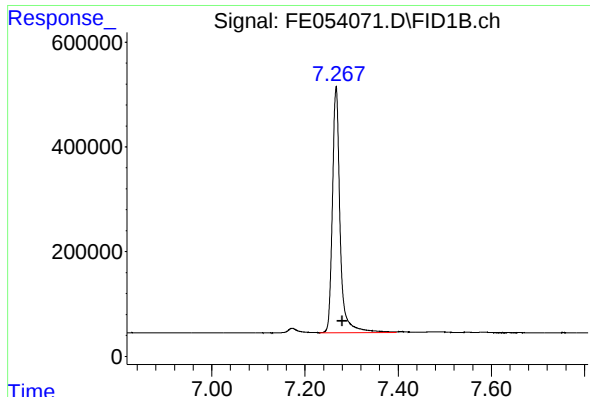
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.013 min
Response: 5824018
Conc: 40.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.633 min
Delta R.T.: -0.009 min
Response: 5074417
Conc: 37.20 ug/ml



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

R.T.: 7.267 min
Delta R.T.: -0.014 min
Response: 5371350
Conc: 38.72 ug/ml

Instrument :

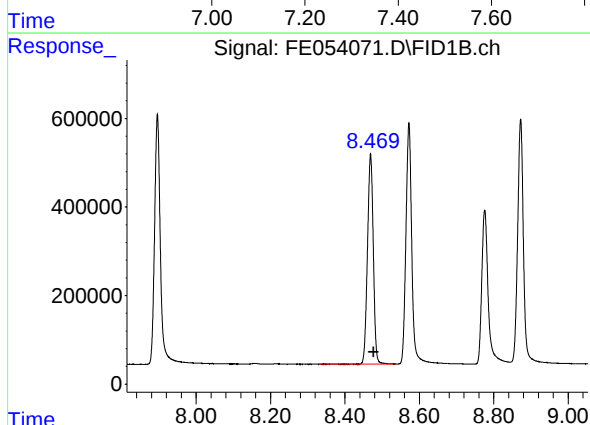
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ClientSampleId :

PB168197BS

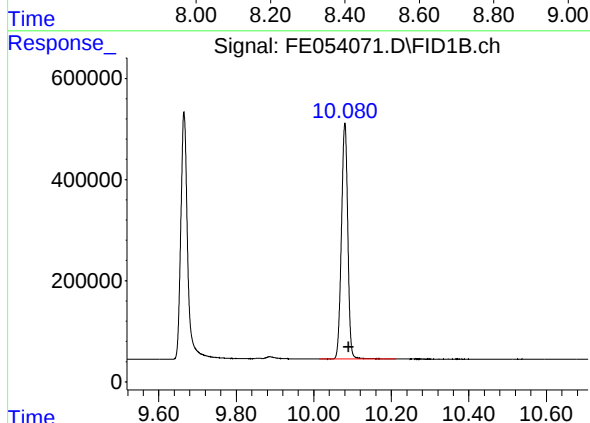
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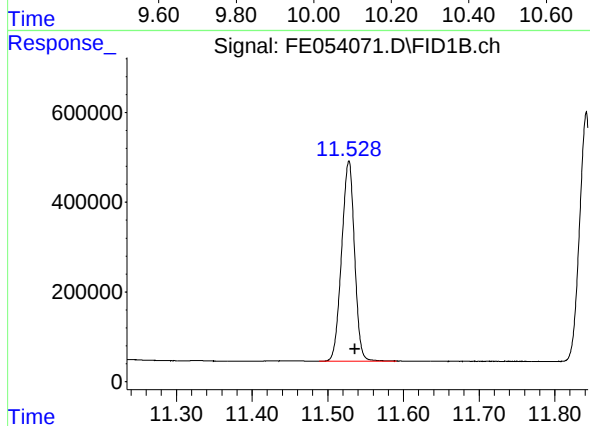
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 5153139
Conc: 38.19 ug/ml



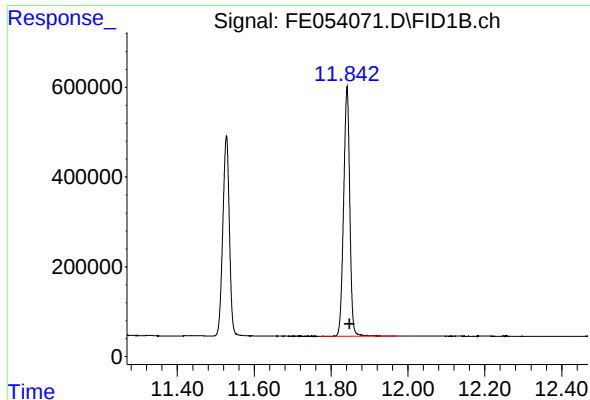
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.010 min
Response: 5294024
Conc: 39.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.008 min
Response: 5293880
Conc: 39.31 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.007 min
Response: 6173805
Conc: 37.99 ug/ml

Instrument :

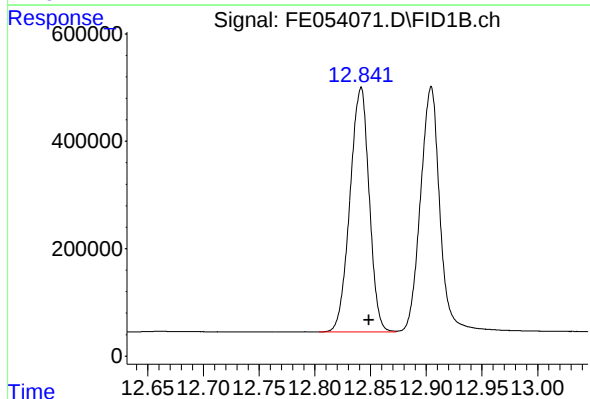
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ClientSampleId :

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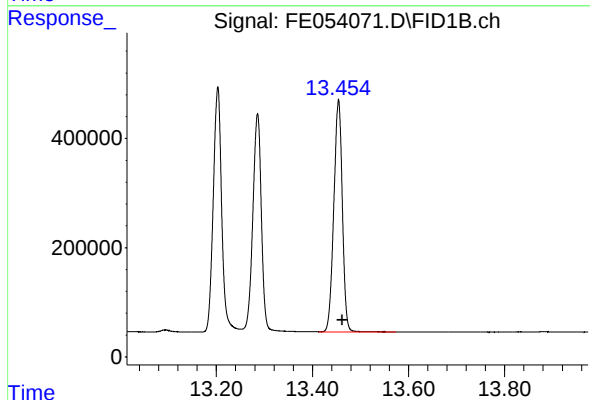
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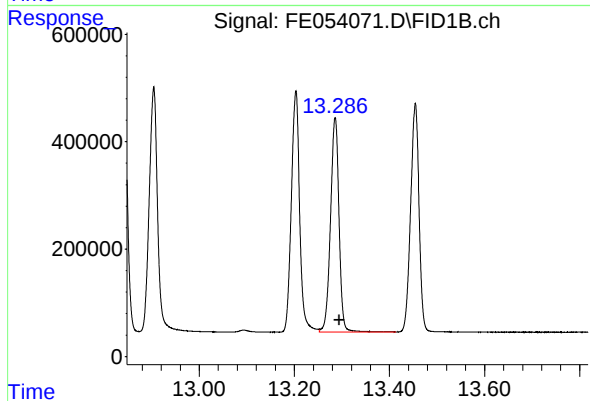
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.008 min
Response: 5469812
Conc: 41.62 ug/ml



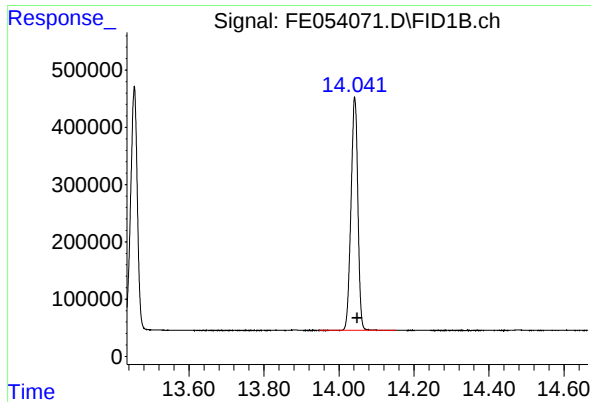
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.008 min
Response: 5258808
Conc: 40.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.009 min
Response: 5010042
Conc: 42.26 ug/ml



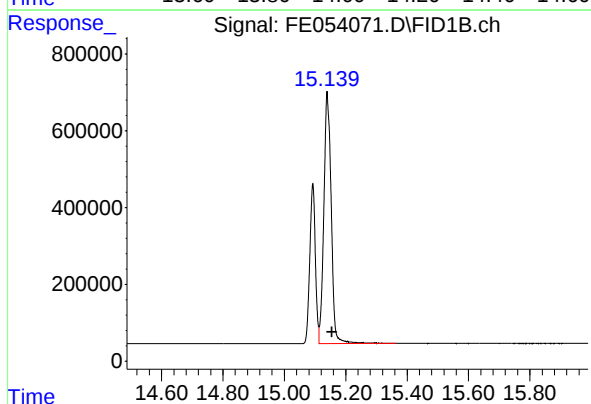
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.007 min
Response: 5186627
Conc: 40.66 ug/ml

Instrument :
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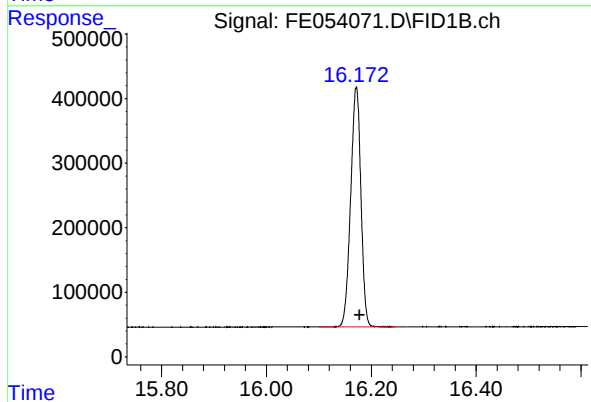
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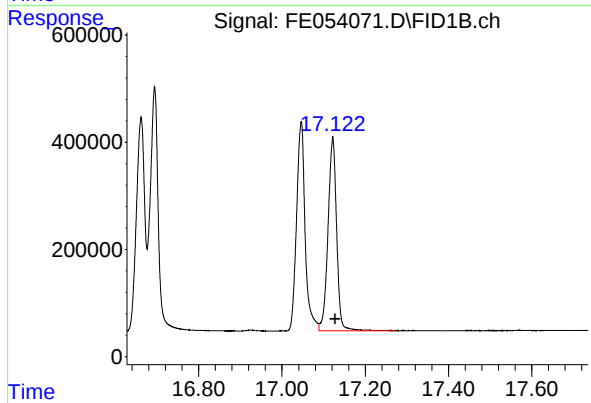
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 10884787
Conc: 87.00 ug/ml



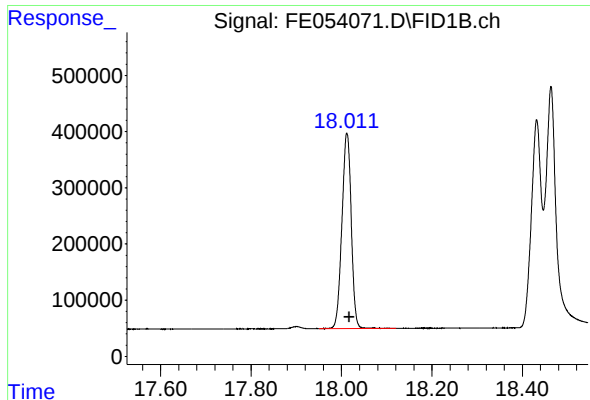
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.006 min
Response: 5040356
Conc: 41.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.007 min
Response: 5183371
Conc: 42.64 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.006 min
Response: 4975045
Conc: 39.94 ug/ml

Instrument :

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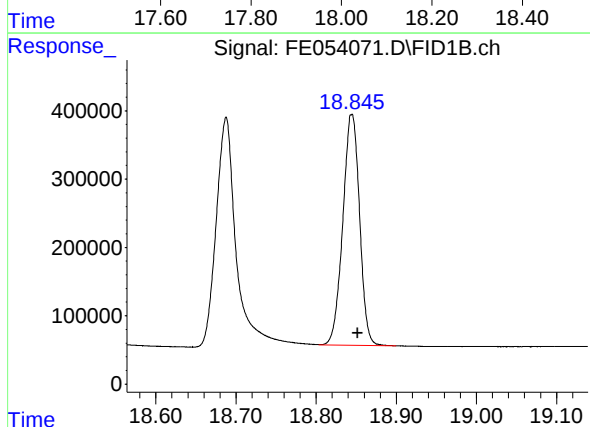
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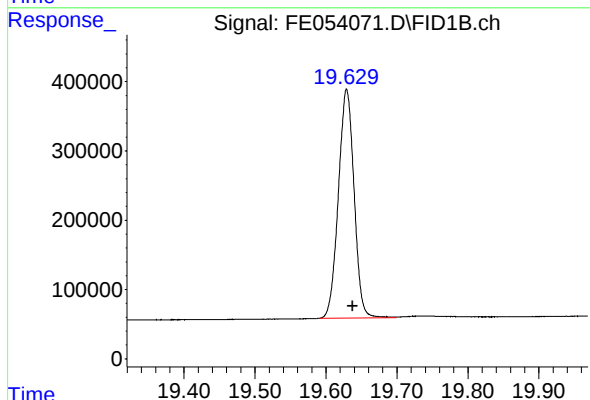
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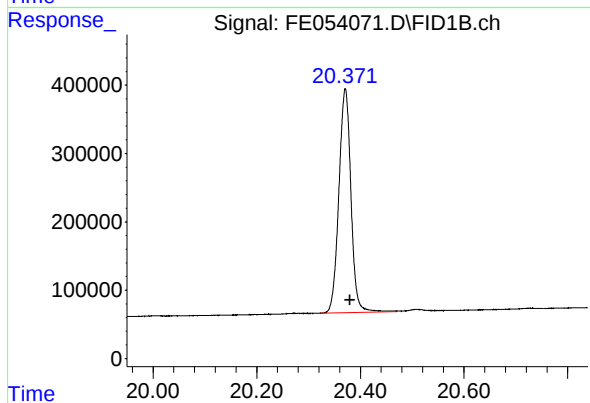
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.007 min
Response: 4913922
Conc: 39.29 ug/ml



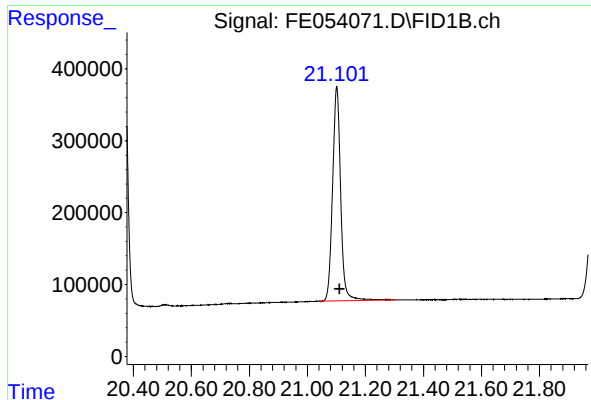
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.009 min
Response: 5073578
Conc: 42.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.009 min
Response: 5281457
Conc: 45.61 ug/ml



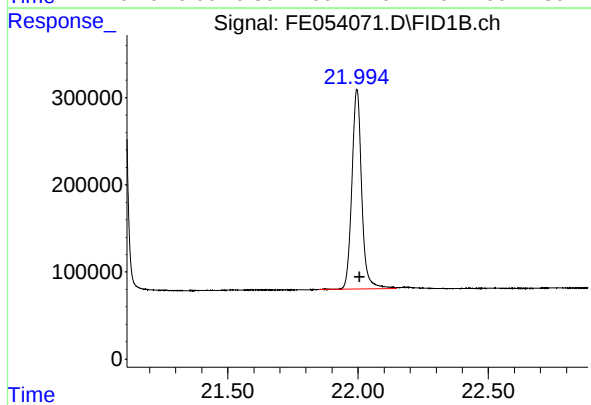
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.010 min
Response: 5774458
Conc: 53.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.012 min
Response: 5989404
Conc: 60.36 ug/ml