

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050472.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 14:54
 Operator : YP\AJ
 Sample : PB163835BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163835BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e

Quant Time: Oct 03 01:36:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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)	11.865	5598783	37.631 ug/ml
Spiked Amount 50.000		Recovery =	75.26%
12) S 1-chlorooctadecane (S...	13.297	4648198	41.381 ug/ml
Spiked Amount 50.000		Recovery =	82.76%
Target Compounds			
1) T n-Nonane (C9)	3.259	4165573	30.732 ug/ml
2) T n-Decane (C10)	4.507	4380044	31.737 ug/ml
3) T A~Naphthalene (C11.7)	6.214	4897701	34.991 ug/ml
4) T n-Dodecane (C12)	6.671	4642062	33.569 ug/ml
5) T A~2-methylnaphthalene...	7.309	4615970	35.119 ug/ml
6) T n-Tetradecane (C14)	8.499	4870657	35.768 ug/ml
7) T n-Hexadecane (C16)	10.103	4921826	35.434 ug/ml
8) T n-Octadecane (C18)	11.545	4944076	35.289 ug/ml
10) T n-Eicosane (C20)	12.852	4956990	36.953 ug/ml
11) T n-Heneicosane (C21)	13.463	4832315	36.776 ug/ml
13) T n-Docosane (C22)	14.049	4760697	36.560 ug/ml
14) T n-Tetracosane (C24)	15.149	9609860	73.588 ug/ml
15) T n-Hexacosane (C26)	16.170	4633518	36.217 ug/ml
16) T n-Octacosane (C28)	17.118	5745461	44.604 ug/ml
17) T n-Tricontane (C30)	18.004	4865545	36.386 ug/ml
18) T n-Dotriacontane (C32)	18.835	4963011	37.244 ug/mlm
19) T n-Tetratriacontane (C34)	19.618	4774399	38.640 ug/ml
20) T n-Hexatriacontane (C36)	20.357	4351855	39.224 ug/ml
21) T n-Octatriacontane (C38)	21.081	3999056	36.263 ug/ml
22) T n-Tetracontane (C40)	21.967	3466442	31.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163835BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

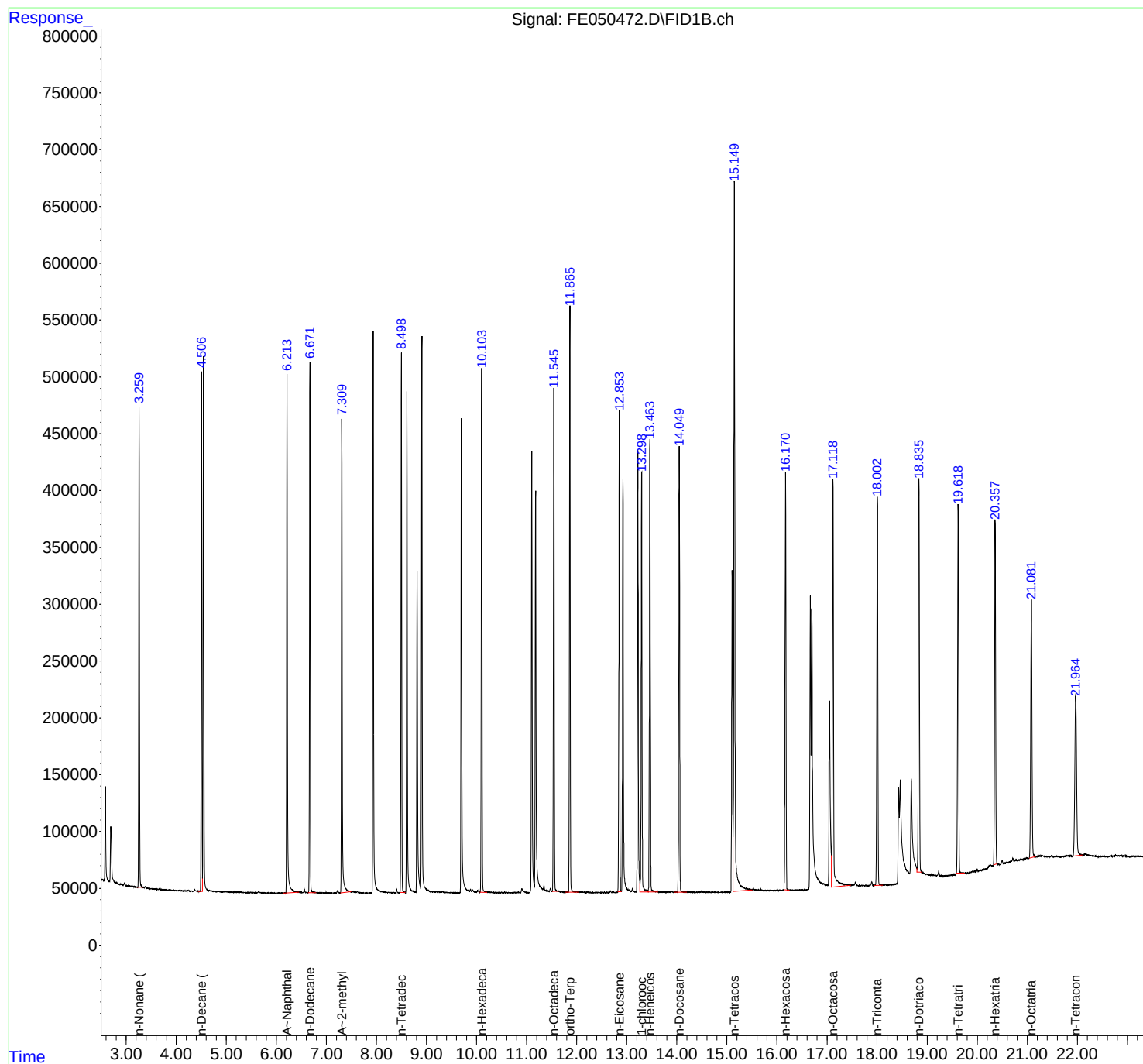
Instrument :
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PB163835BSD

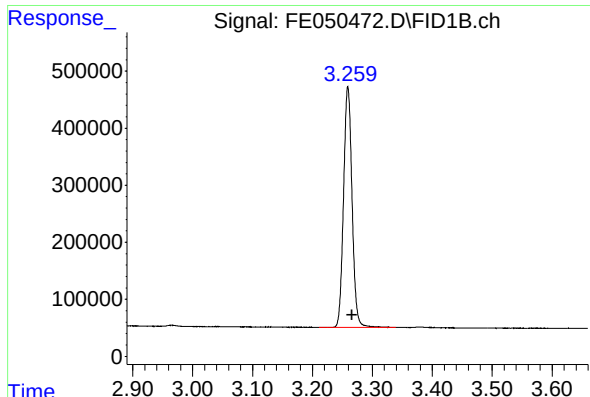
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Quant Title : GC Extractables
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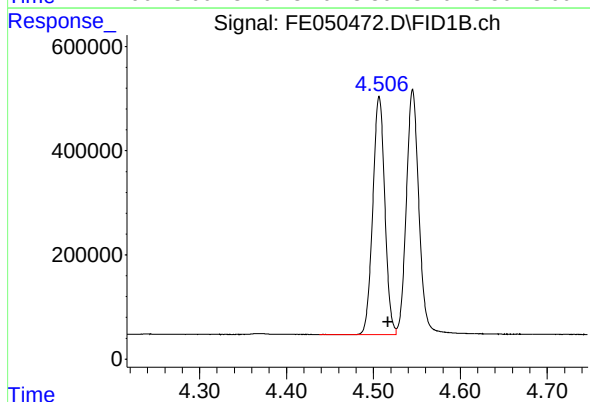
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.007 min
Response: 4165573
Conc: 30.73 ug/ml

Instrument :
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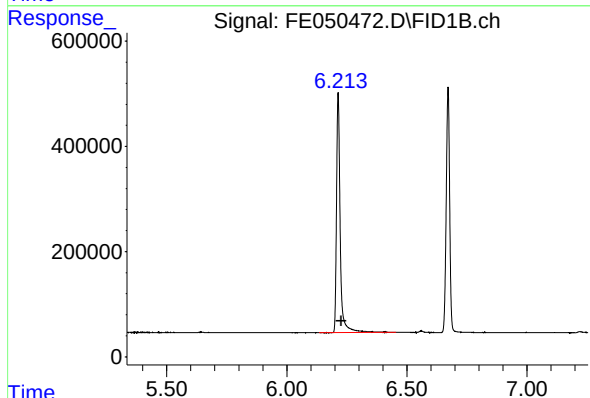
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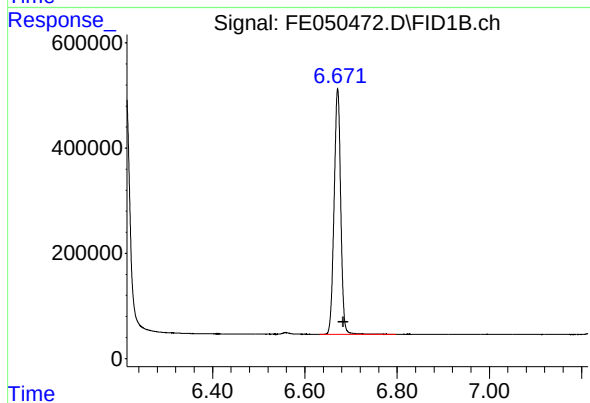
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.010 min
Response: 4380044
Conc: 31.74 ug/ml



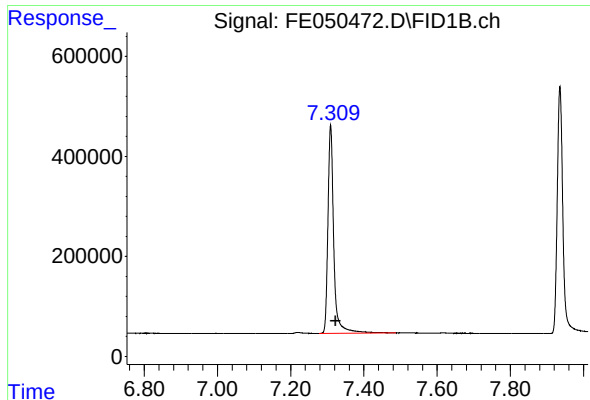
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.013 min
Response: 4897701
Conc: 34.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.671 min
Delta R.T.: -0.013 min
Response: 4642062
Conc: 33.57 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.014 min
Response: 4615970
Conc: 35.12 ug/ml

Instrument :

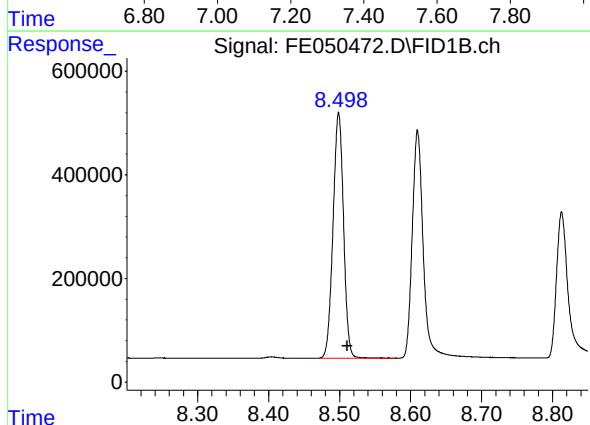
FID_E

ClientSampleId :

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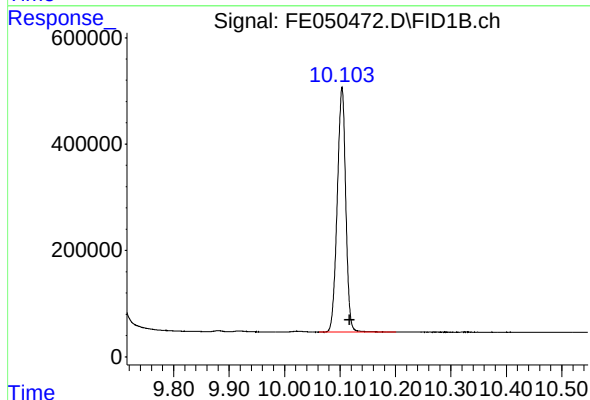
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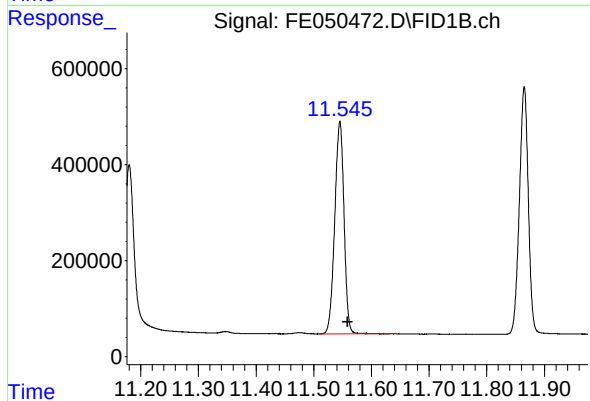
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: -0.012 min
Response: 4870657
Conc: 35.77 ug/ml



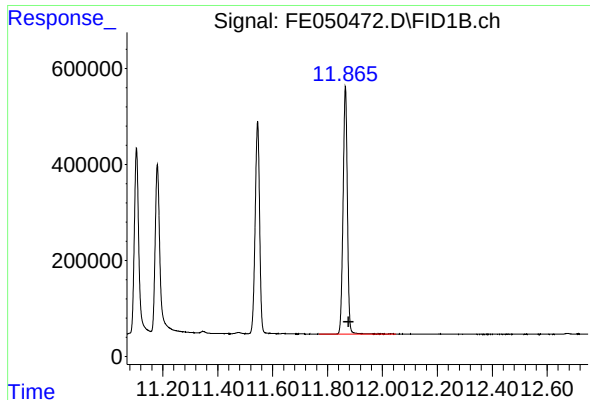
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 4921826
Conc: 35.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: -0.014 min
Response: 4944076
Conc: 35.29 ug/ml



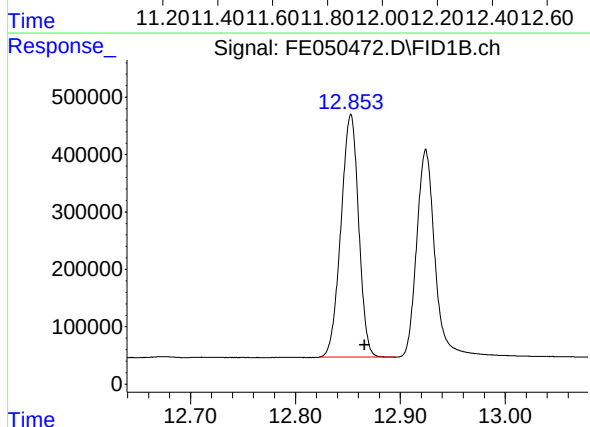
#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min
Delta R.T.: -0.012 min
Response: 5598783
Conc: 37.63 ug/ml

Instrument :
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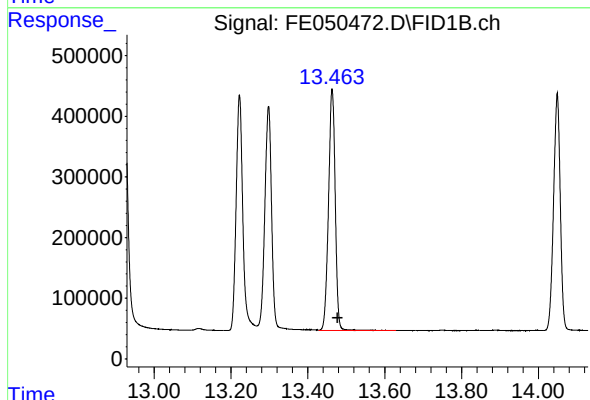
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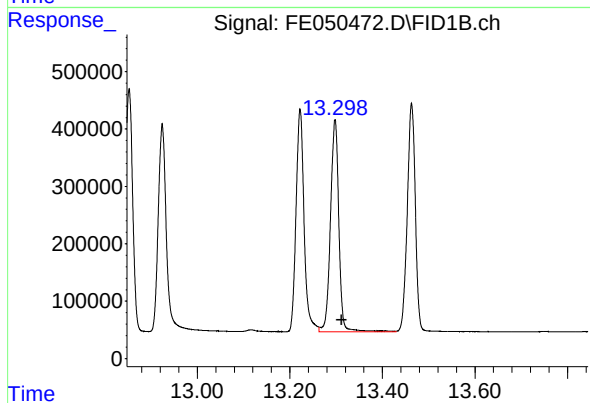
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.014 min
Response: 4956990
Conc: 36.95 ug/ml



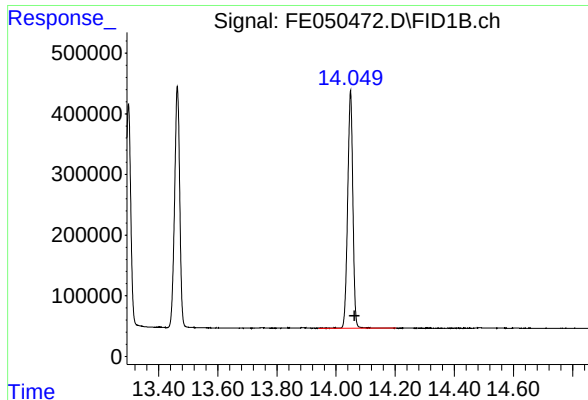
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.014 min
Response: 4832315
Conc: 36.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.014 min
Response: 4648198
Conc: 41.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.014 min
Response: 4760697
Conc: 36.56 ug/ml

Instrument :

FID_E

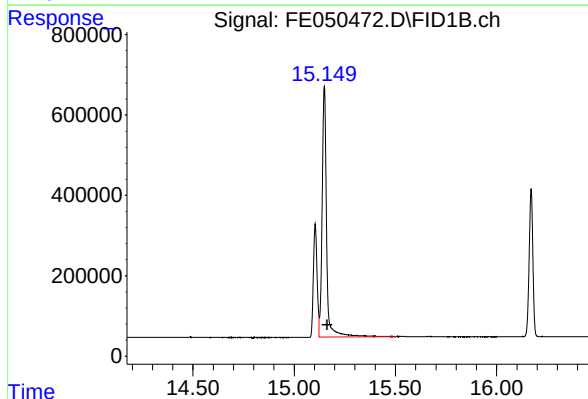
ClientSampleId :

PB163835BSD

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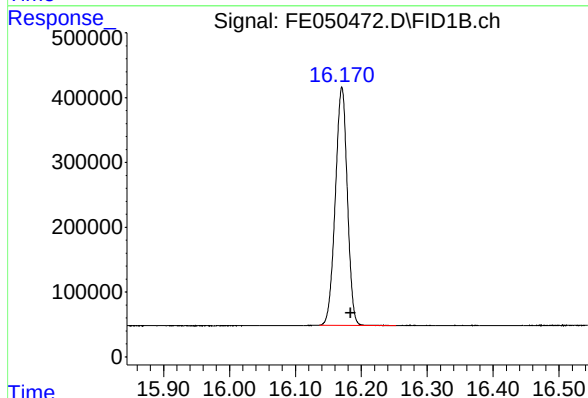
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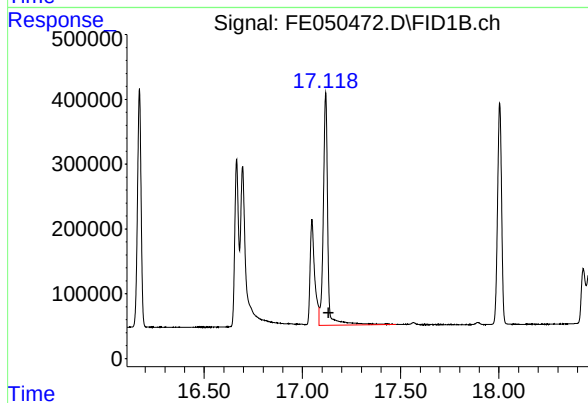
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 9609860
Conc: 73.59 ug/ml



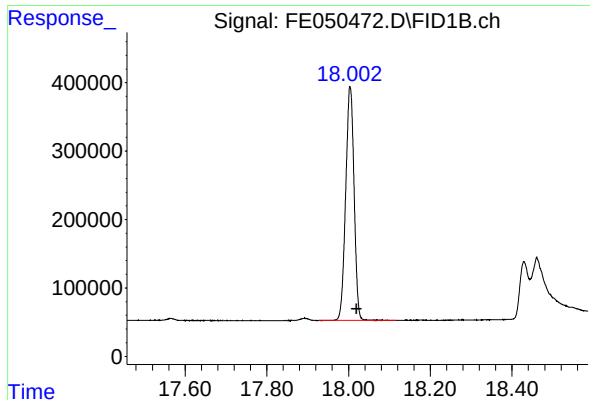
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.014 min
Response: 4633518
Conc: 36.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.016 min
Response: 5745461
Conc: 44.60 ug/ml



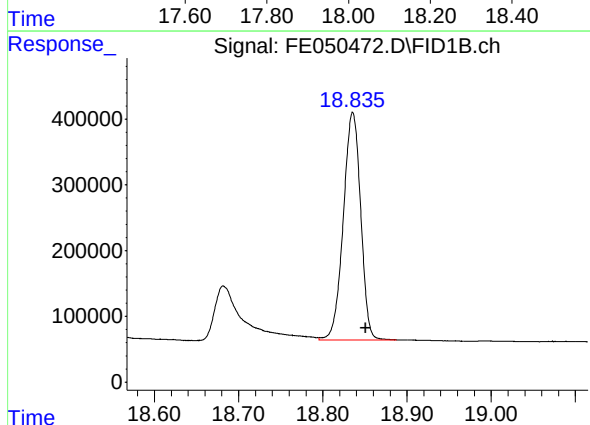
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.016 min
Response: 4865545
Conc: 36.39 ug/ml

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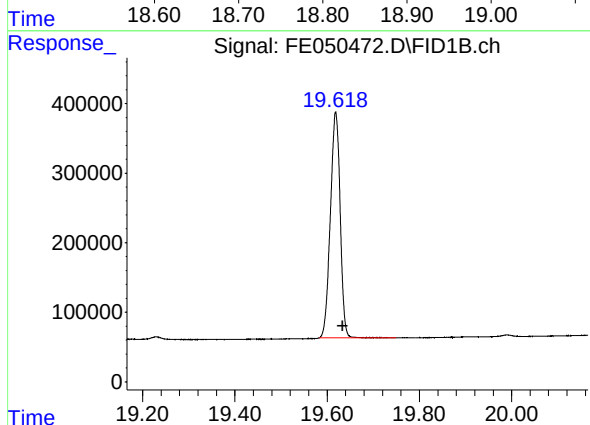
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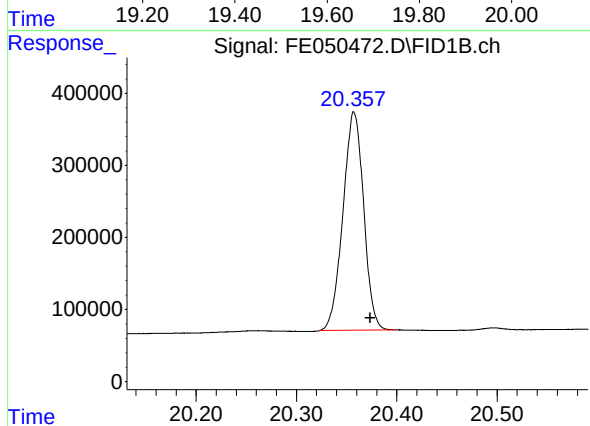
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.016 min
Response: 4963011
Conc: 37.24 ug/ml



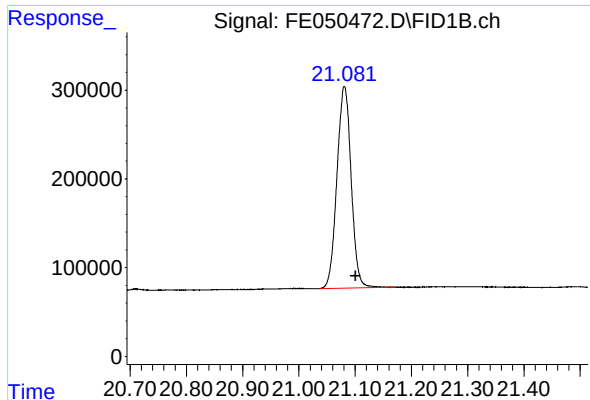
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.015 min
Response: 4774399
Conc: 38.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.017 min
Response: 4351855
Conc: 39.22 ug/ml



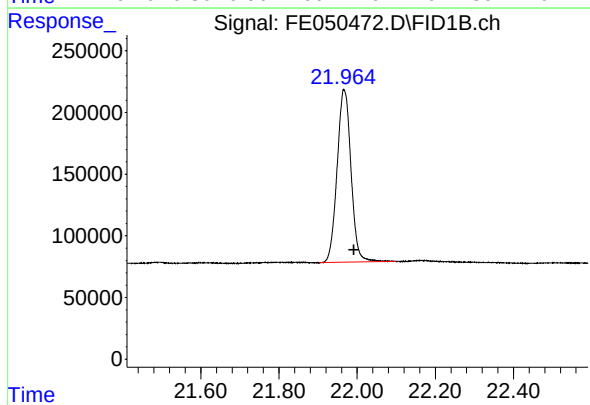
#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.020 min
Response: 3999056
Conc: 36.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.025 min
Response: 3466442
Conc: 31.86 ug/ml