

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046307.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 15:17
 Operator : YP\AJ
 Sample : PB158519BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158519BS

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 01/22/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 19 22:09:17 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

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)	11.830	8939242	49.191 ug/ml
Spiked Amount 50.000		Recovery =	98.38%
12) S 1-chlorooctadecane (S...	13.272	7144718	53.474 ug/ml
Spiked Amount 50.000		Recovery =	106.95%
Target Compounds			
1) T n-Nonane (C9)	3.230	7252321	47.387 ug/ml
2) T n-Decane (C10)	4.474	7600505	48.973 ug/ml
3) T A~Naphthalene (C11.7)	6.171	8911762	53.586 ug/ml
4) T n-Dodecane (C12)	6.635	8122378	52.021 ug/ml
5) T A~2-methylnaphthalene...	7.266	8649422	54.327 ug/ml
6) T n-Tetradecane (C14)	8.462	8254356	52.990 ug/ml
7) T n-Hexadecane (C16)	10.070	8217186	51.890 ug/ml
8) T n-Octadecane (C18)	11.516	8317471	52.845 ug/ml
10) T n-Eicosane (C20)	12.828	8290496	54.803 ug/ml
11) T n-Heneicosane (C21)	13.439	7919783	53.857 ug/ml
13) T n-Docosane (C22)	14.027	7798802	53.354 ug/ml
14) T n-Tetracosane (C24)	15.130	17273184	119.098 ug/ml
15) T n-Hexacosane (C26)	16.156	7368290	51.394 ug/ml
16) T n-Octacosane (C28)	17.107	9233086	64.378 ug/mlm
17) T n-Tricontane (C30)	18.001	7280332	48.981 ug/ml
18) T n-Dotriacontane (C32)	18.836	8130839	54.364 ug/mlm
19) T n-Tetratriacontane (C34)	19.621	7370367	51.449 ug/ml
20) T n-Hexatriacontane (C36)	20.363	7444063	51.056 ug/mlm
21) T n-Octatriacontane (C38)	21.095	8342284	56.574 ug/ml
22) T n-Tetracontane (C40)	21.994	9190833	58.718 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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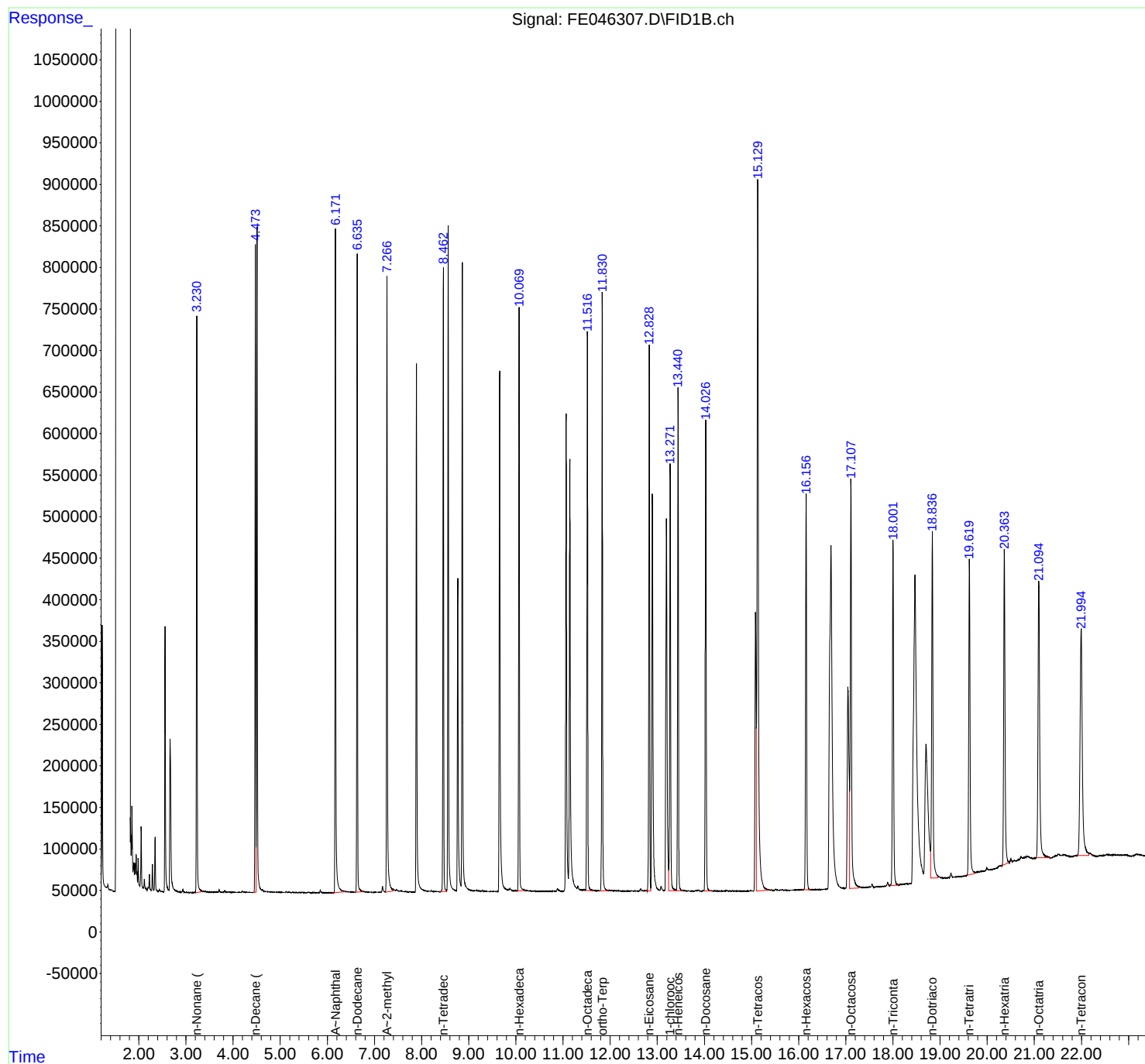
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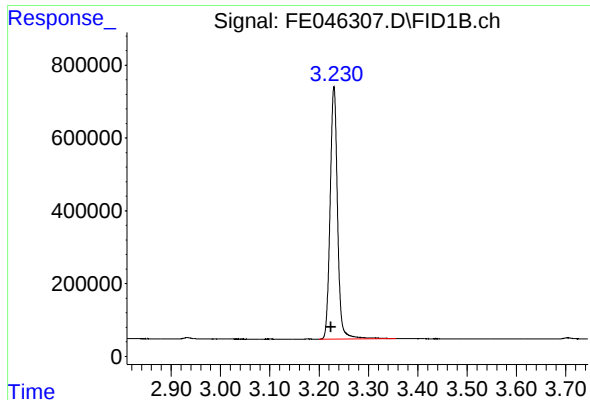
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 7252321
Conc: 47.39 ug/ml

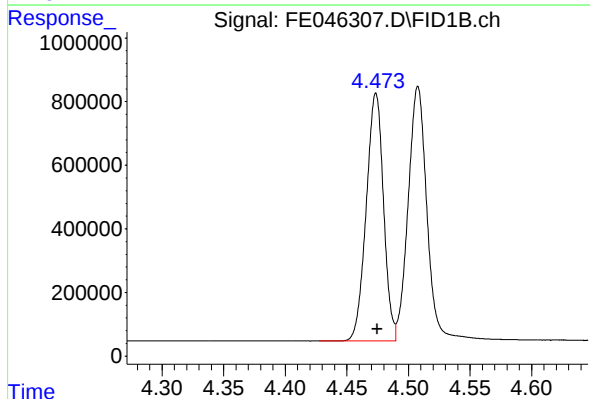
Instrument :

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ClientSampleId :
PB158519BS

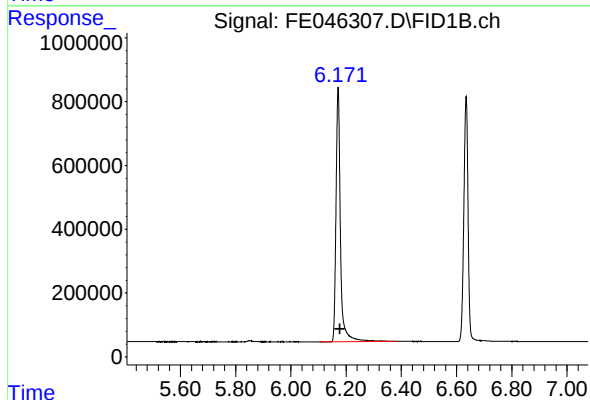
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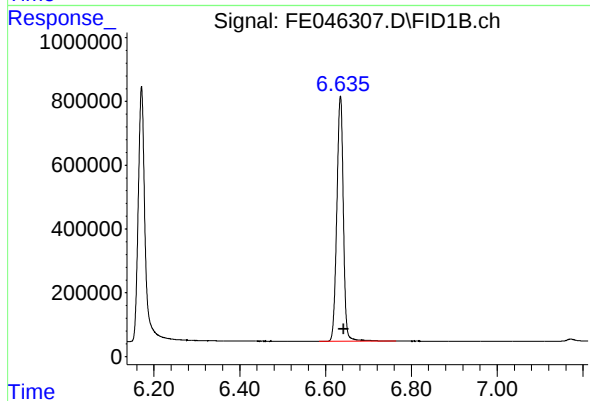
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.001 min
Response: 7600505
Conc: 48.97 ug/ml



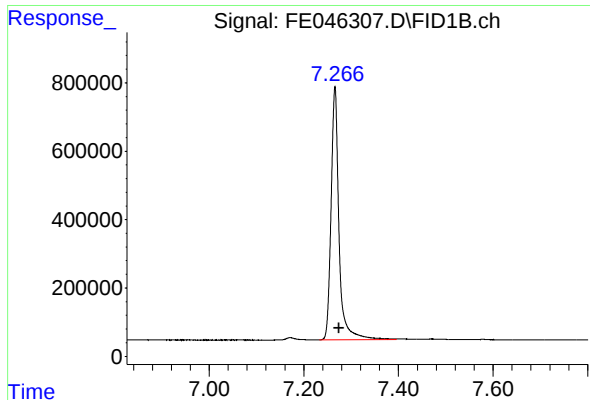
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 8911762
Conc: 53.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 8122378
Conc: 52.02 ug/ml



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

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 8649422
Conc: 54.33 ug/ml

Instrument :

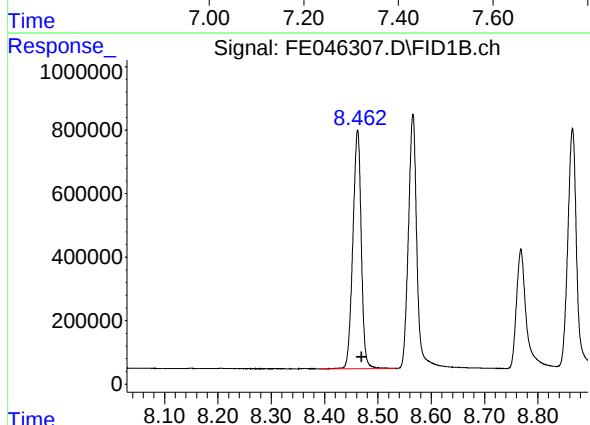
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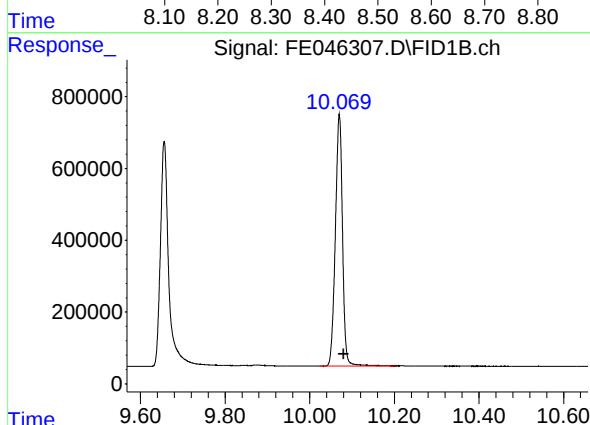
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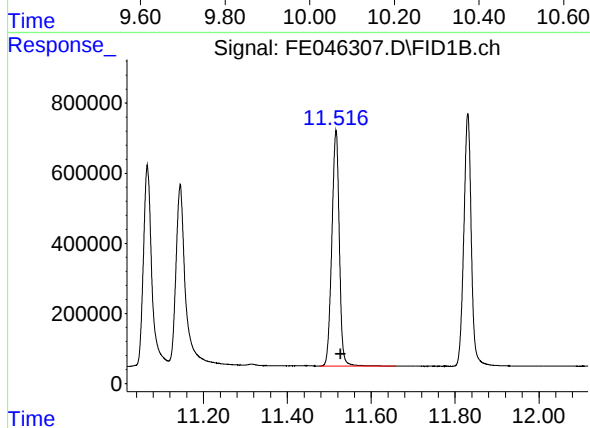
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.008 min
Response: 8254356
Conc: 52.99 ug/ml



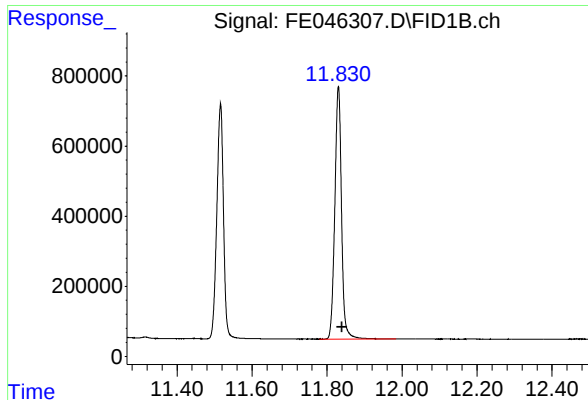
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.010 min
Response: 8217186
Conc: 51.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 8317471
Conc: 52.85 ug/ml



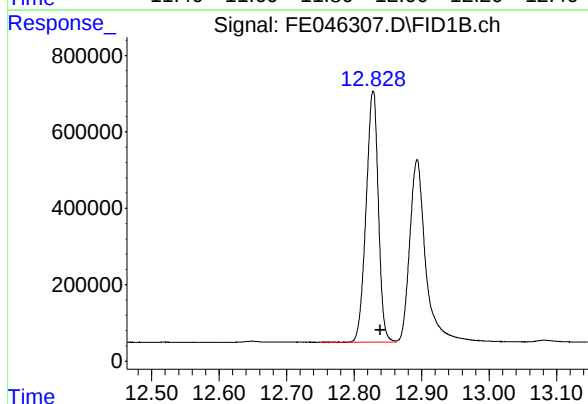
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.010 min
Response: 8939242
Conc: 49.19 ug/ml

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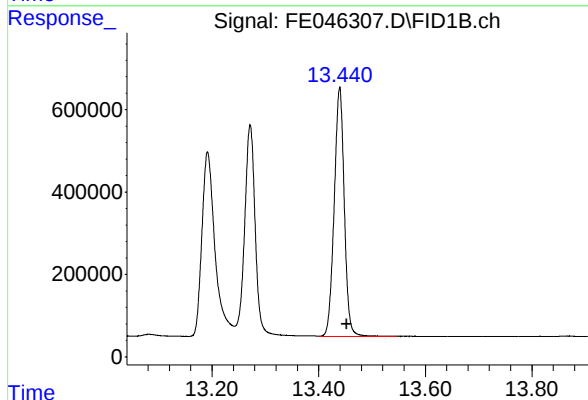
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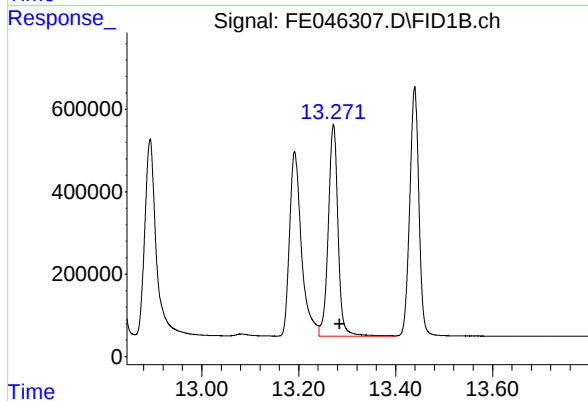
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.011 min
Response: 8290496
Conc: 54.80 ug/ml



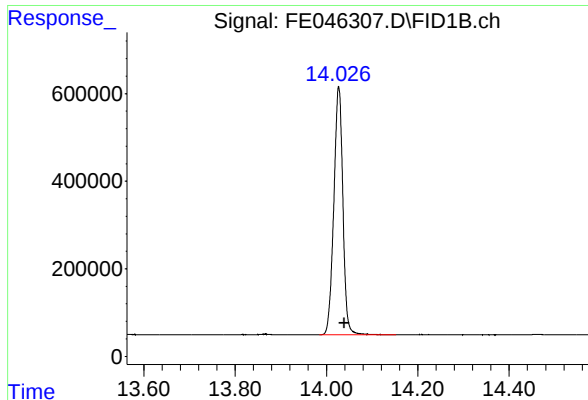
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.013 min
Response: 7919783
Conc: 53.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 7144718
Conc: 53.47 ug/ml



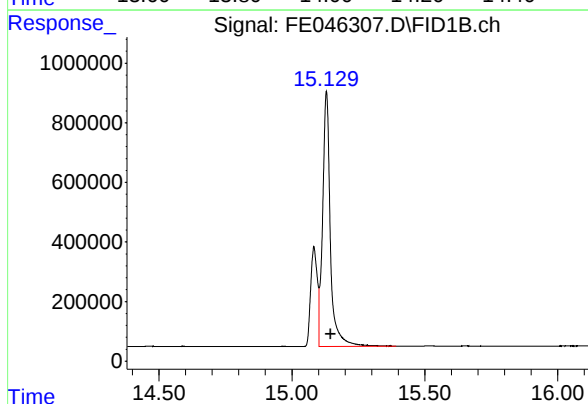
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.013 min
Response: 7798802
Conc: 53.35 ug/ml

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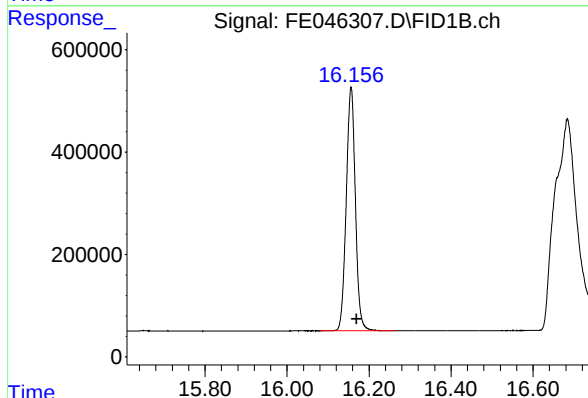
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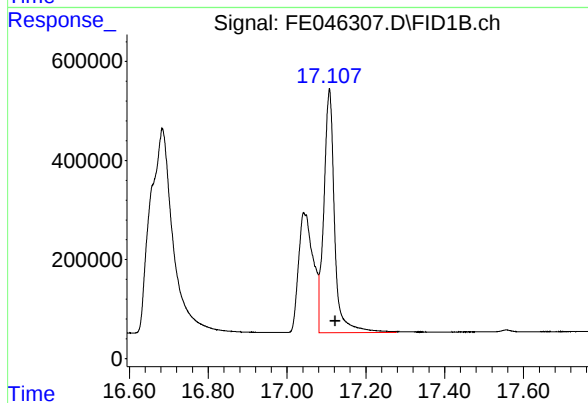
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.016 min
Response: 17273184
Conc: 119.10 ug/ml



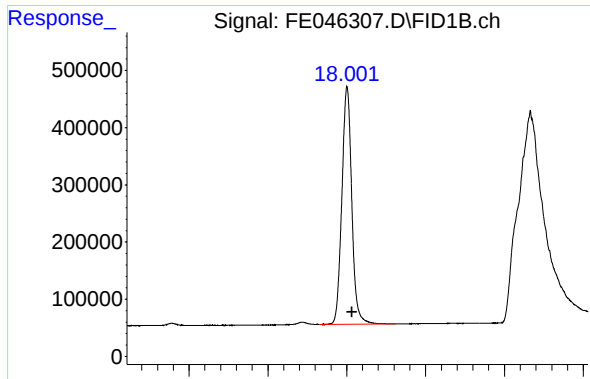
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 7368290
Conc: 51.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.015 min
Response: 9233086
Conc: 64.38 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.013 min
Response: 7280332
Conc: 48.98 ug/ml

Instrument :

FID_E

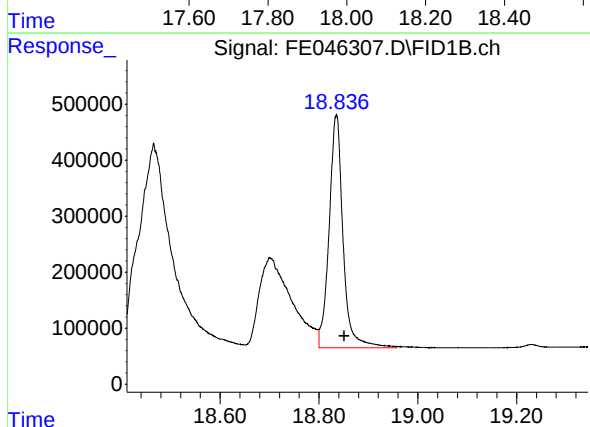
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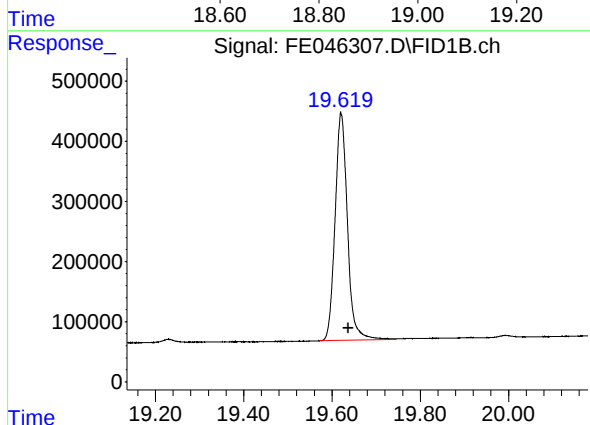
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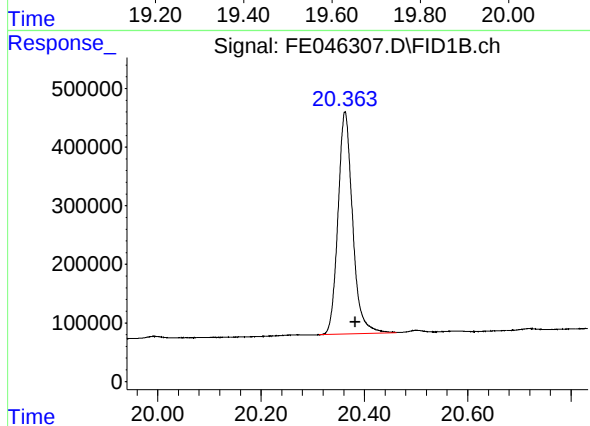
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.016 min
Response: 8130839
Conc: 54.36 ug/ml m



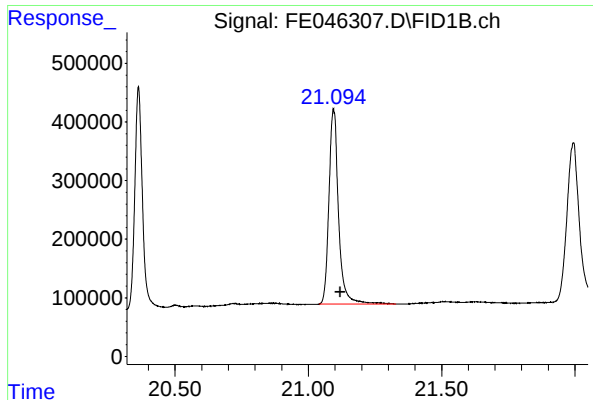
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.016 min
Response: 7370367
Conc: 51.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 7444063
Conc: 51.06 ug/ml m



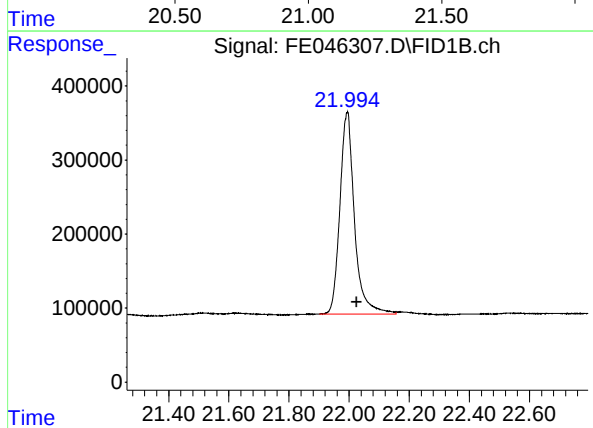
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.025 min
Response: 8342284
Conc: 56.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.031 min
Response: 9190833
Conc: 58.72 ug/ml m