

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122823AL\
 Data File : FE046004.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2023 14:59
 Operator : YP\AJ
 Sample : PB158127BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158127BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :Ankita Jodhani 12/29/2023

Integration File: autoint1.e
 Quant Time: Dec 28 23:51:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.840	7129242	34.092 ug/ml
Spiked Amount 50.000		Recovery =	68.18%
12) S 1-chlorooctadecane (S...	13.283	5527426	35.129 ug/ml
Spiked Amount 50.000		Recovery =	70.26%
Target Compounds			
1) T n-Nonane (C9)	3.243	8648652	54.540 ug/ml
2) T n-Decane (C10)	4.485	9347648	58.374 ug/ml
3) T A~Naphthalene (C11.7)	6.180	10643925	61.104 ug/ml
4) T n-Dodecane (C12)	6.645	9863846	61.066 ug/ml
5) T A~2-methylnaphthalene...	7.275	10402628	61.257 ug/ml
6) T n-Tetradecane (C14)	8.473	9935400	61.932 ug/ml
7) T n-Hexadecane (C16)	10.081	9897536	59.770 ug/ml
8) T n-Octadecane (C18)	11.528	9890176	57.686 ug/ml
10) T n-Eicosane (C20)	12.841	9811696	56.708 ug/ml
11) T n-Heneicosane (C21)	13.453	9306820	54.100 ug/ml
13) T n-Docosane (C22)	14.040	9183658	53.263 ug/ml
14) T n-Tetracosane (C24)	15.143	18381372	105.289 ug/ml
15) T n-Hexacosane (C26)	16.171	8685394	49.872 ug/ml
16) T n-Octacosane (C28)	17.122	9039725	52.303 ug/ml
17) T n-Tricontane (C30)	18.017	8510094	48.644 ug/ml
18) T n-Dotriacontane (C32)	18.849	8612106	47.206 ug/ml
19) T n-Tetratriacontane (C34)	19.637	8409052	50.678 ug/ml
20) T n-Hexatriacontane (C36)	20.379	8369064	52.723 ug/ml
21) T n-Octatriacontane (C38)	21.117	8788385	56.042 ug/mlm
22) T n-Tetracontane (C40)	22.020	9249592	65.085 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB158127BS
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ALS Vial : 15 Sample Multiplier: 1

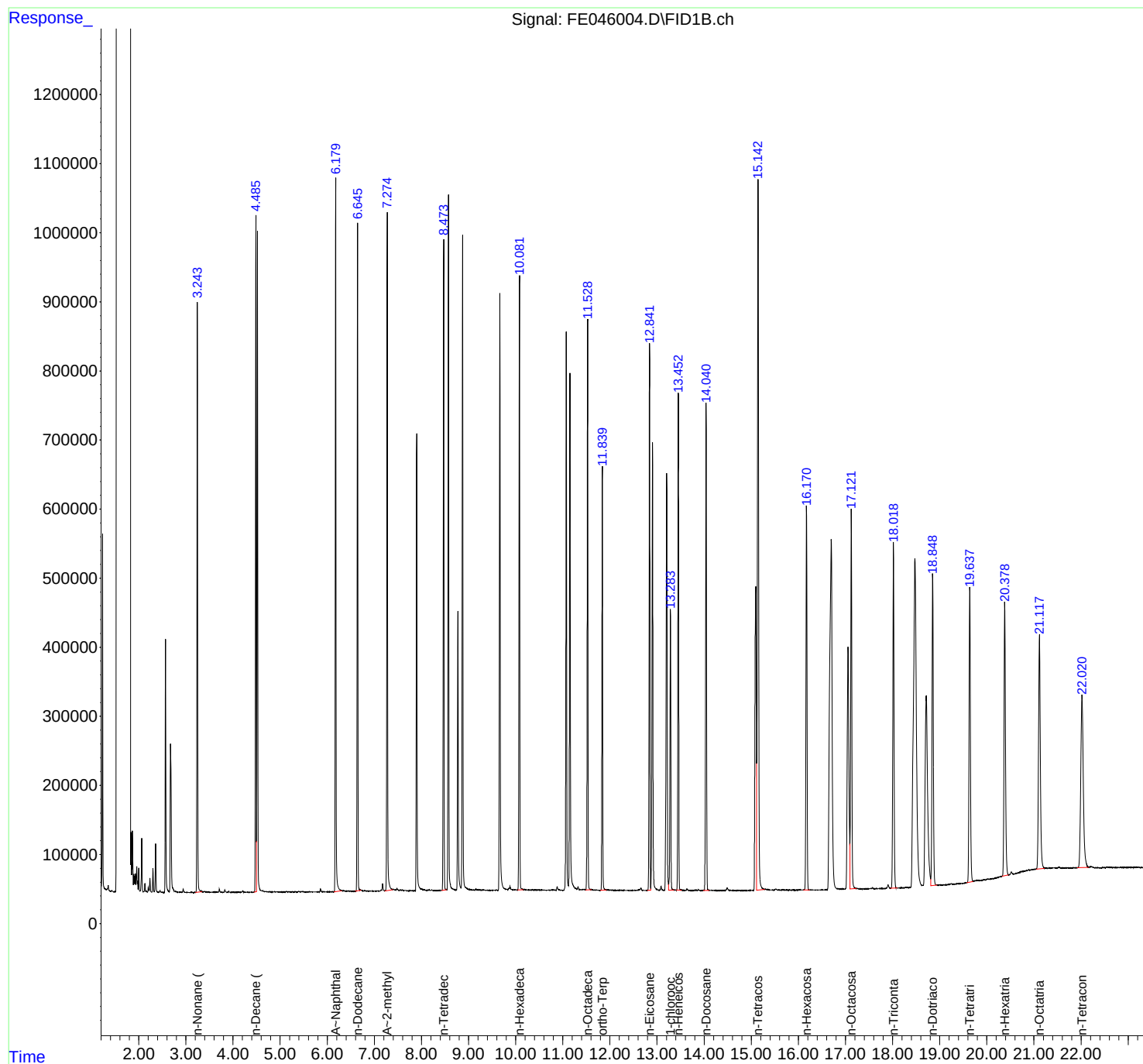
Instrument :
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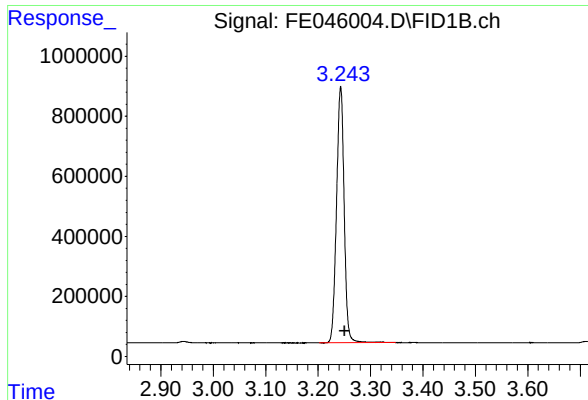
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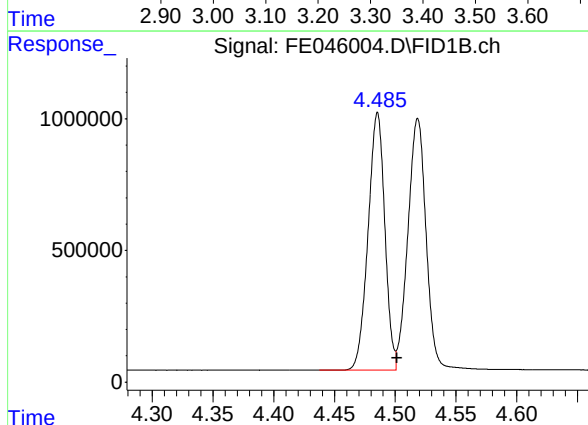
#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: -0.008 min
Response: 8648652
Conc: 54.54 ug/ml

Instrument :
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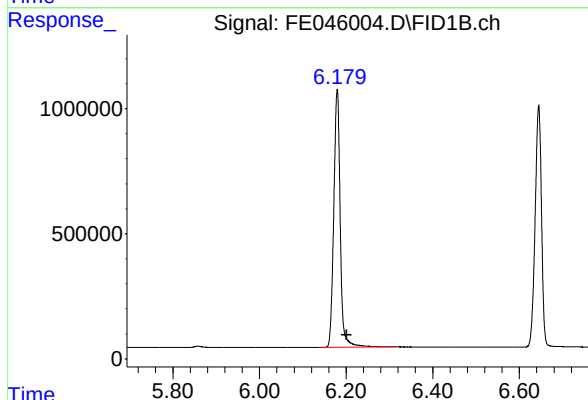
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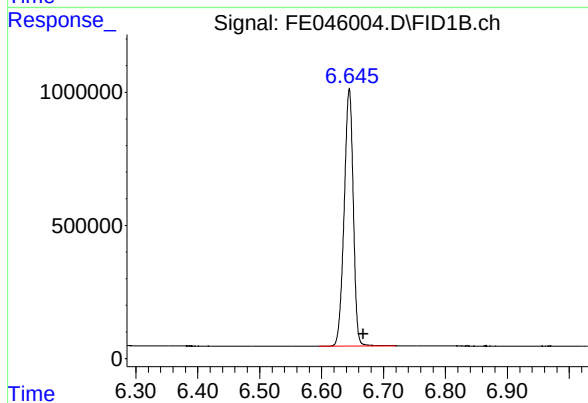
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.016 min
Response: 9347648
Conc: 58.37 ug/ml



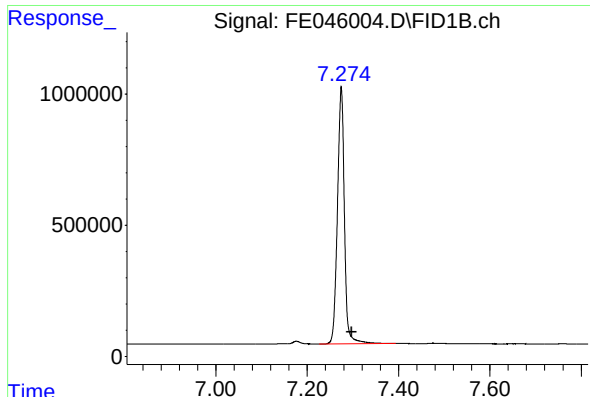
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.022 min
Response: 10643925
Conc: 61.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.645 min
Delta R.T.: -0.022 min
Response: 9863846
Conc: 61.07 ug/ml



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

R.T.: 7.275 min
Delta R.T.: -0.023 min
Response: 10402628
Conc: 61.26 ug/ml

Instrument :

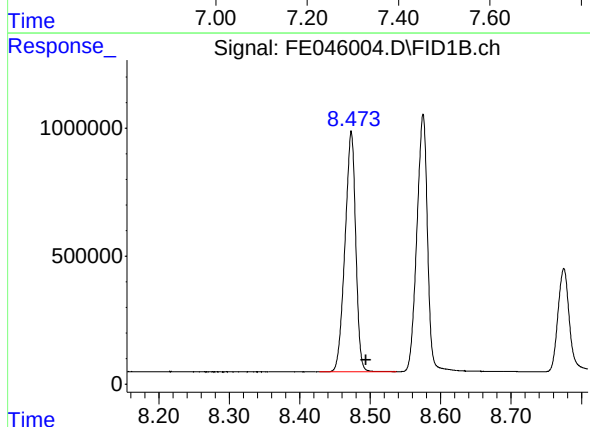
FID_E

ClientSampleId :

PB158127BS

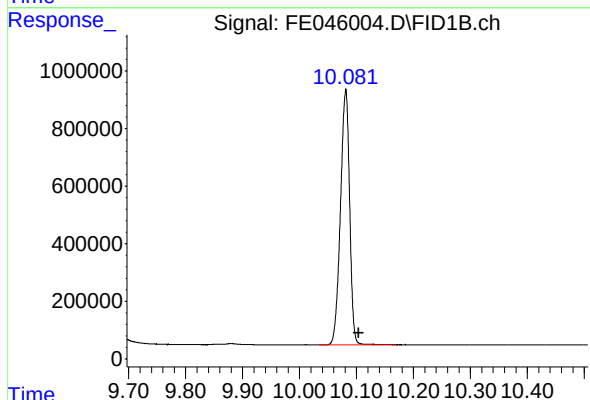
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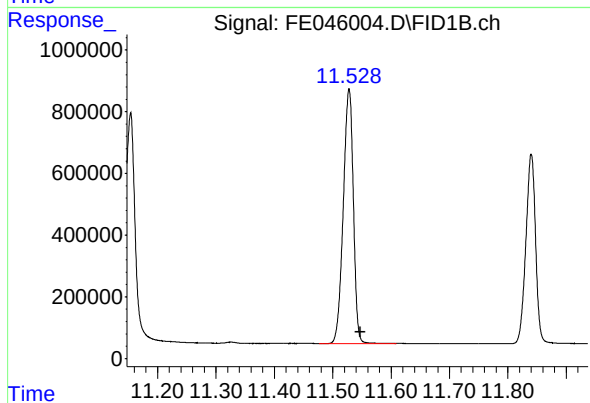
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.021 min
Response: 9935400
Conc: 61.93 ug/ml



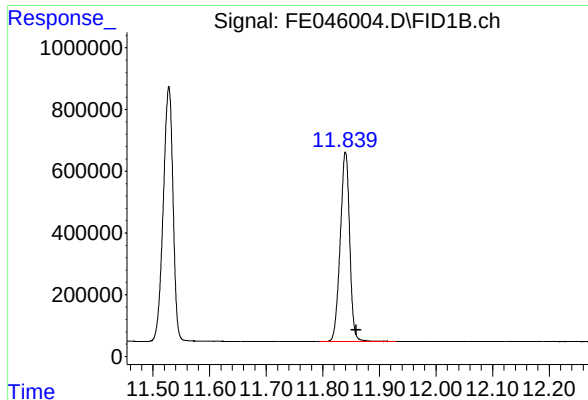
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.023 min
Response: 9897536
Conc: 59.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.019 min
Response: 9890176
Conc: 57.69 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.019 min
Response: 7129242
Conc: 34.09 ug/ml

Instrument :

FID_E

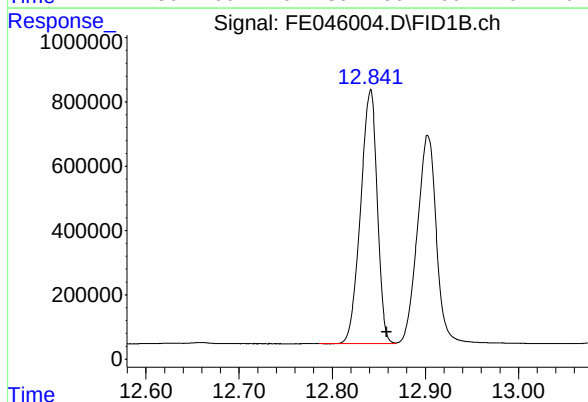
ClientSampleId :

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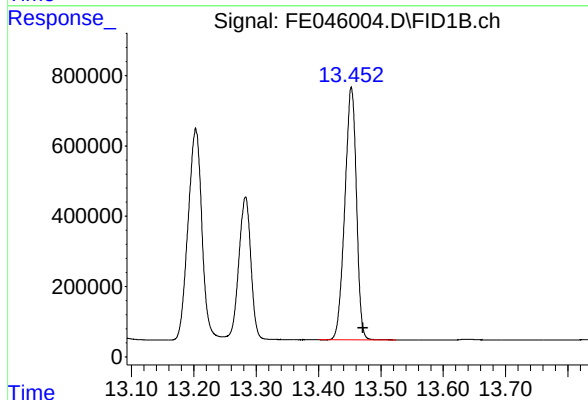
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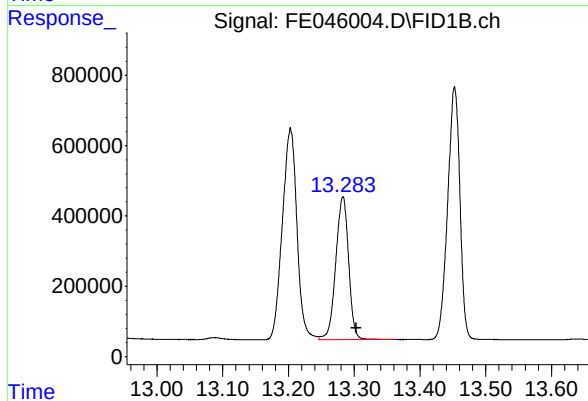
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.017 min
Response: 9811696
Conc: 56.71 ug/ml



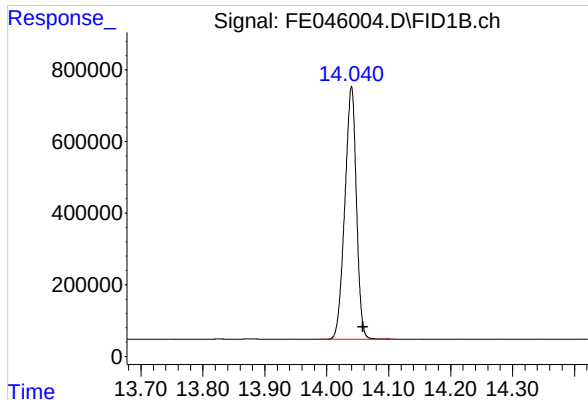
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.019 min
Response: 9306820
Conc: 54.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.020 min
Response: 5527426
Conc: 35.13 ug/ml



#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.018 min
Response: 9183658
Conc: 53.26 ug/ml

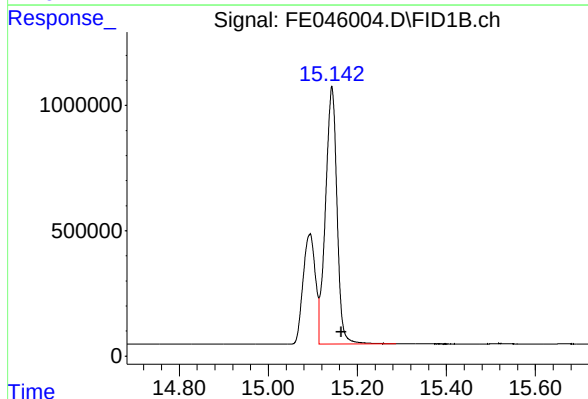
Instrument :

FID_E

ClientSampleId :
PB158127BS

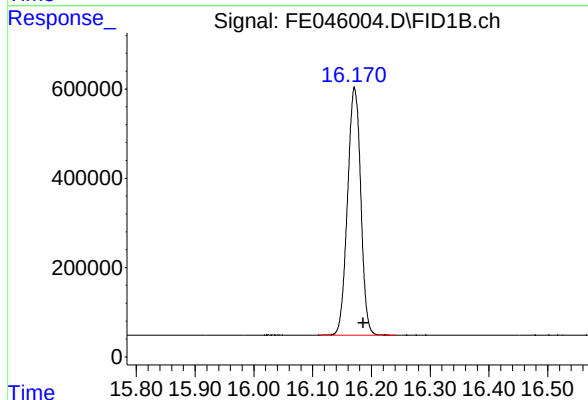
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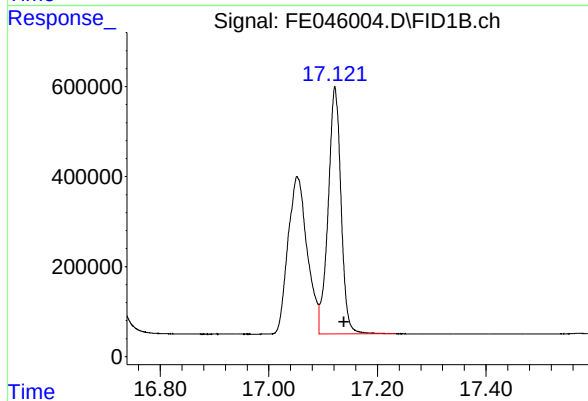
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.021 min
Response: 18381372
Conc: 105.29 ug/ml



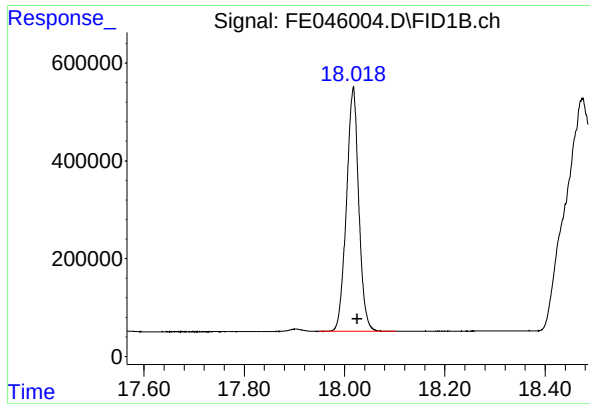
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.015 min
Response: 8685394
Conc: 49.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.017 min
Response: 9039725
Conc: 52.30 ug/ml



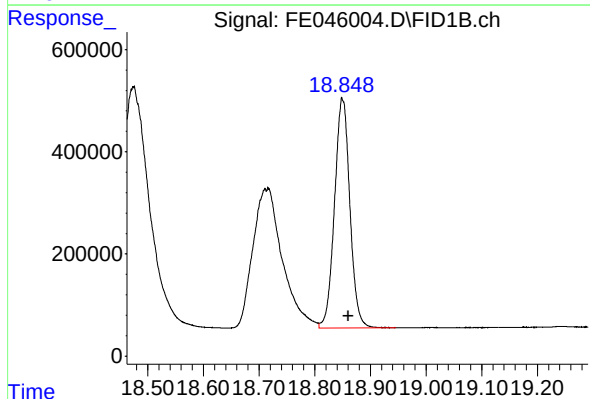
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.009 min
Response: 8510094
Conc: 48.64 ug/ml

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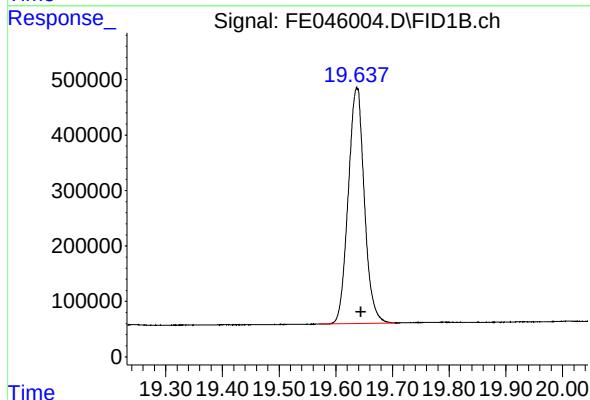
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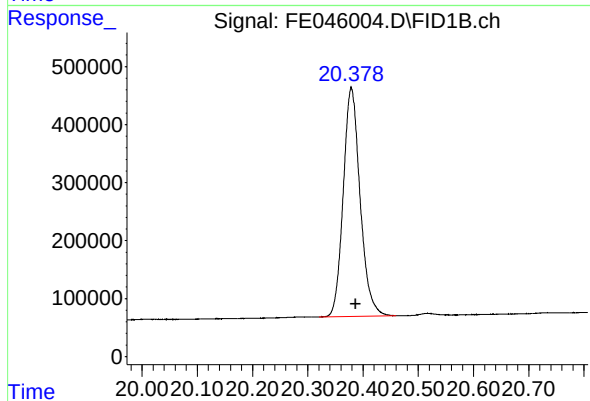
#18 n-Dotriacontane (C32)

R.T.: 18.849 min
Delta R.T.: -0.011 min
Response: 8612106
Conc: 47.21 ug/ml



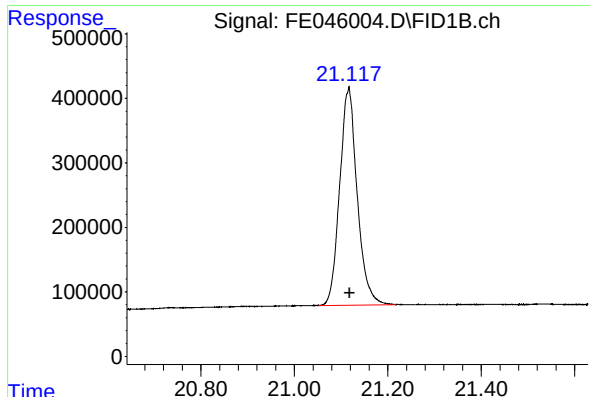
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.007 min
Response: 8409052
Conc: 50.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.007 min
Response: 8369064
Conc: 52.72 ug/ml



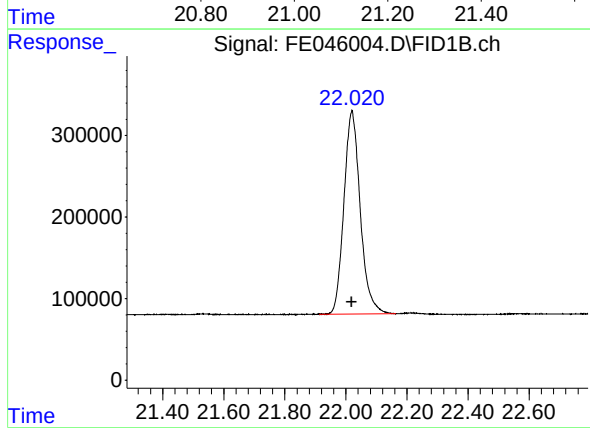
#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.002 min
Response: 8788385
Conc: 56.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: 0.000 min
Response: 9249592
Conc: 65.09 ug/ml