

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723AL\
 Data File : FE041220.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 11:54
 Operator : YP\AJ
 Sample : PB151957BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151957BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2023

Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e

Quant Time: Apr 10 01:00:42 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.843	6267599	33.349 ug/ml
Spiked Amount 50.000		Recovery =	66.70%
12) S 1-chlorooctadecane (S...	13.280	5193361	36.095 ug/ml
Spiked Amount 50.000		Recovery =	72.19%
Target Compounds			
1) T n-Nonane (C9)	3.265	6343409	36.559 ug/ml
2) T n-Decane (C10)	4.500	6434859	37.804 ug/ml
3) T A~Naphthalene (C11.7)	6.193	6627754	36.235 ug/ml
4) T n-Dodecane (C12)	6.655	6616887	38.146 ug/ml
5) T A~2-methylnaphthalene...	7.286	6195573	37.410 ug/ml
6) T n-Tetradecane (C14)	8.481	6512718	37.351 ug/ml
7) T n-Hexadecane (C16)	10.086	6560514	36.887 ug/ml
8) T n-Octadecane (C18)	11.529	6436350	36.047 ug/ml
10) T n-Eicosane (C20)	12.838	6256666	36.680 ug/ml
11) T n-Heneicosane (C21)	13.450	5915075	34.962 ug/ml
13) T n-Docosane (C22)	14.036	5782959	34.945 ug/ml
14) T n-Tetracosane (C24)	15.134	11347491	70.139 ug/ml
15) T n-Hexacosane (C26)	16.162	5558267	35.856 ug/ml
16) T n-Octacosane (C28)	17.112	5765419	37.638 ug/ml
17) T n-Tricontane (C30)	18.002	5569774	36.438 ug/ml
18) T n-Dotriacontane (C32)	18.834	5488157	35.152 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	5369436	34.649 ug/mlm
20) T n-Hexatriacontane (C36)	20.361	4915363	32.360 ug/ml
21) T n-Octatriacontane (C38)	21.085	4506180	28.845 ug/mlm
22) T n-Tetracontane (C40)	21.965	4230874	26.508 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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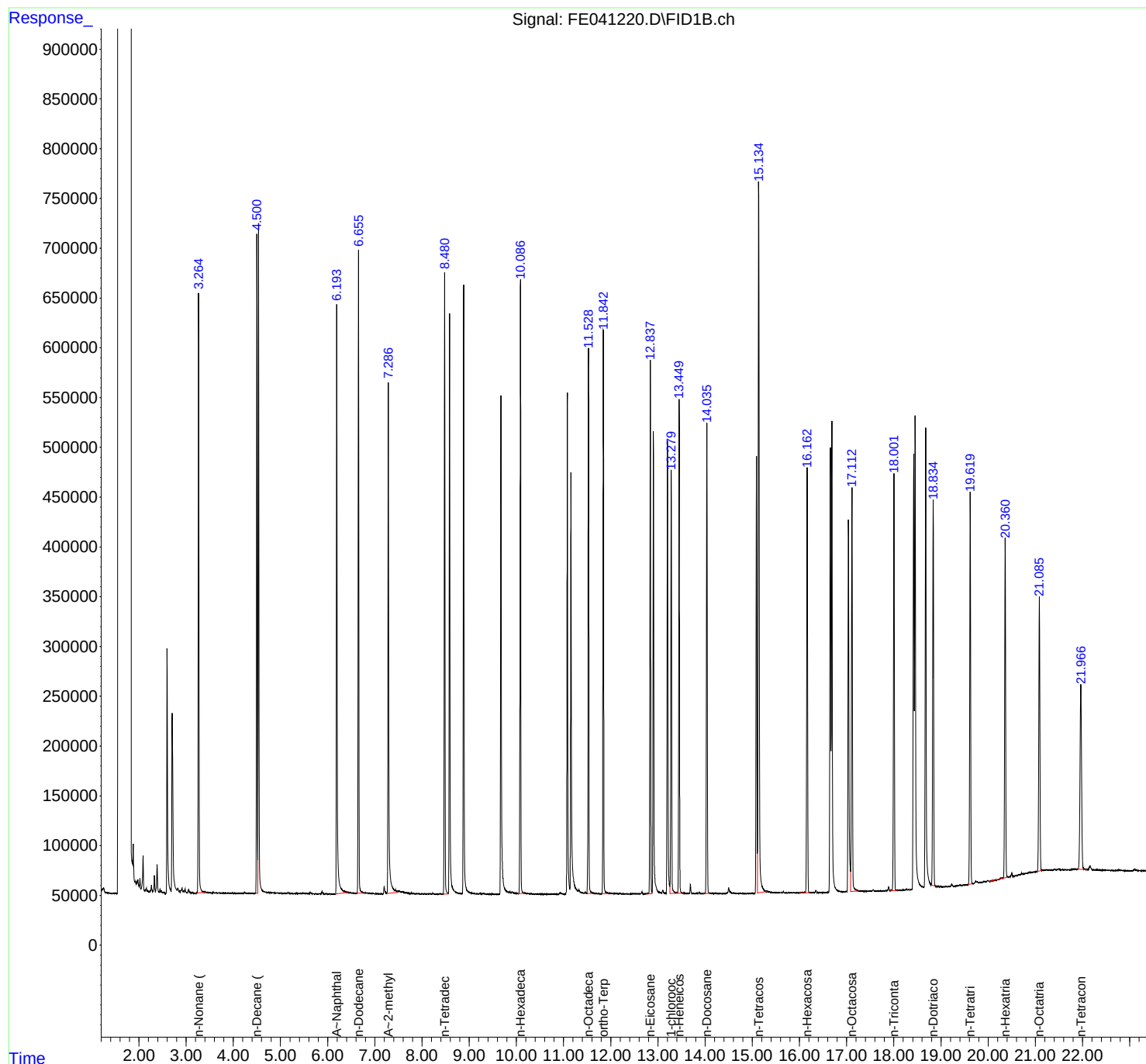
Response via : Initial Calibration

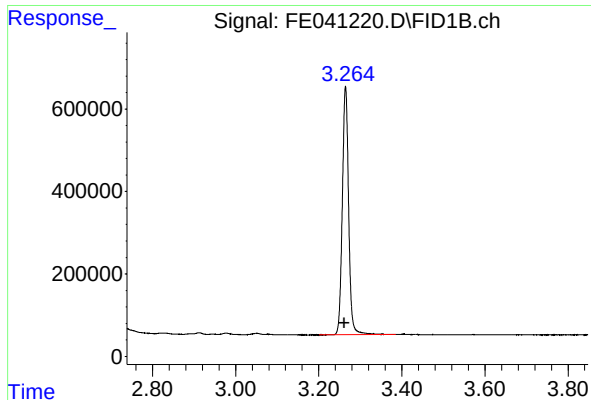
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.003 min
Response: 6343409
Conc: 36.56 ug/ml

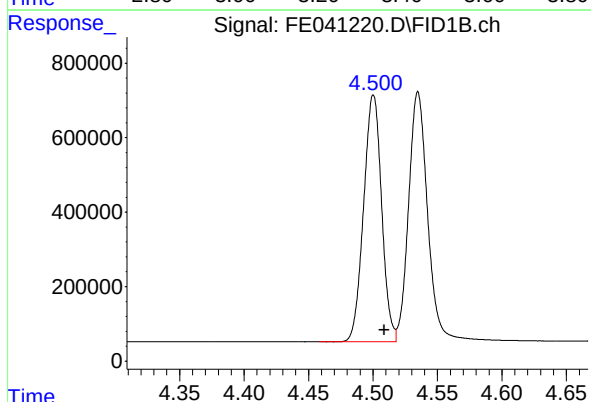
Instrument :

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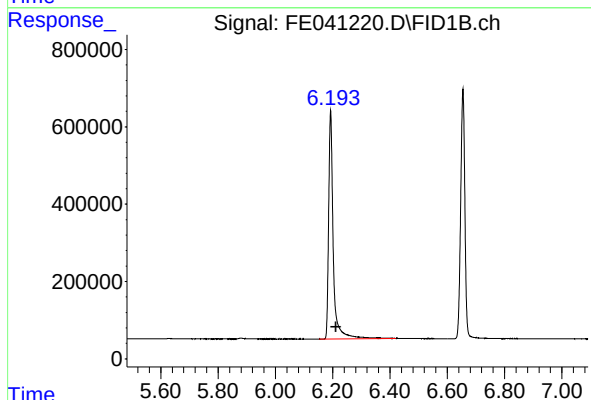
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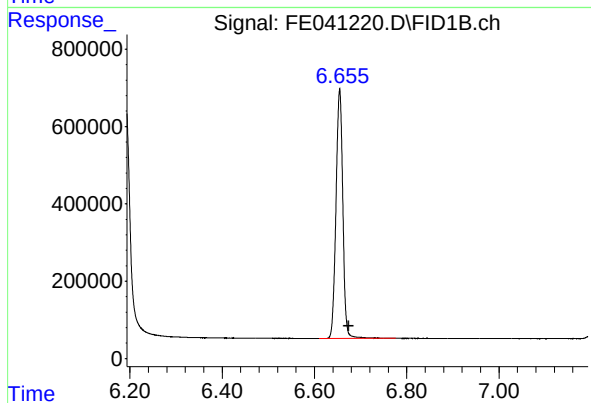
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.008 min
Response: 6434859
Conc: 37.80 ug/ml



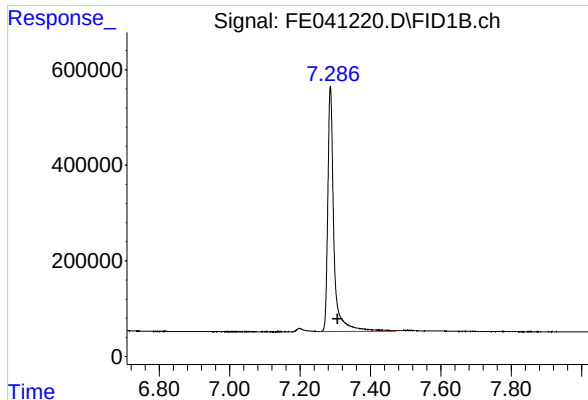
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: -0.019 min
Response: 6627754
Conc: 36.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.655 min
Delta R.T.: -0.019 min
Response: 6616887
Conc: 38.15 ug/ml



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

R.T.: 7.286 min
Delta R.T.: -0.021 min
Response: 6195573
Conc: 37.41 ug/ml

Instrument :

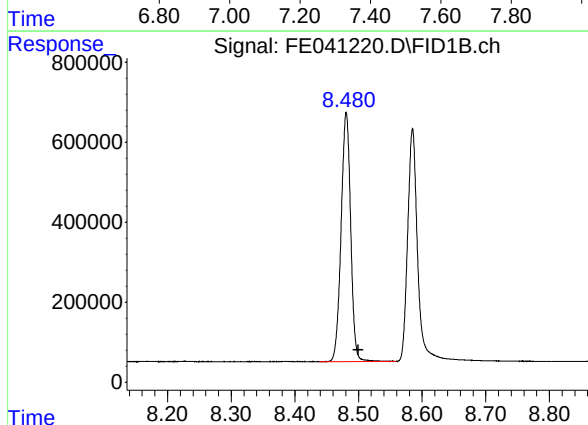
FID_E

ClientSampleId :

PB151957BS

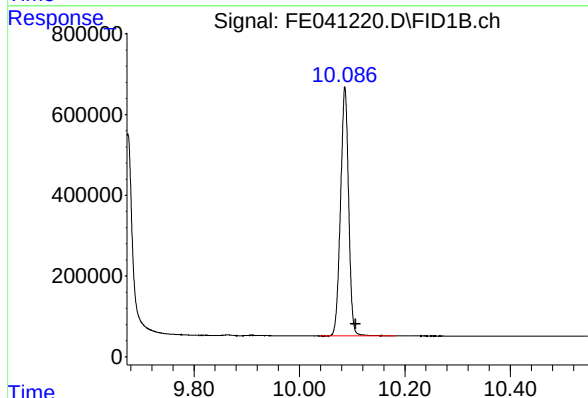
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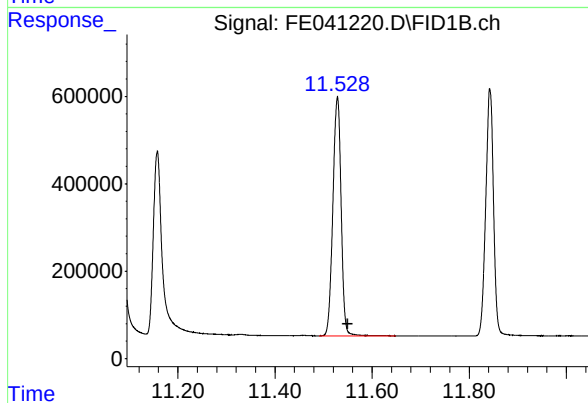
#6 n-Tetradecane (C14)

R.T.: 8.481 min
Delta R.T.: -0.019 min
Response: 6512718
Conc: 37.35 ug/ml



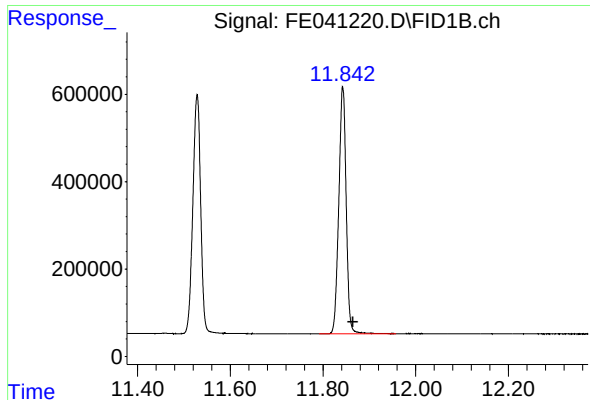
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.020 min
Response: 6560514
Conc: 36.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.021 min
Response: 6436350
Conc: 36.05 ug/ml



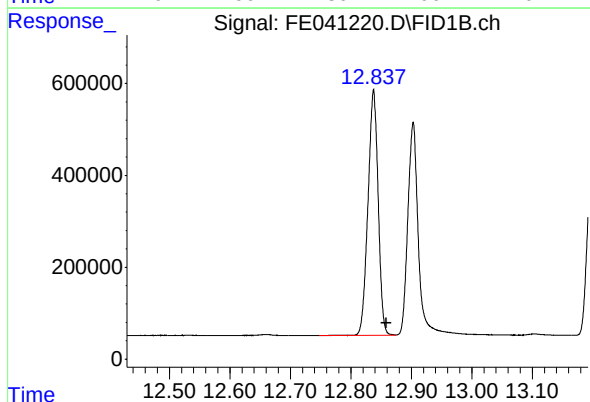
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.022 min
Response: 6267599
Conc: 33.35 ug/ml

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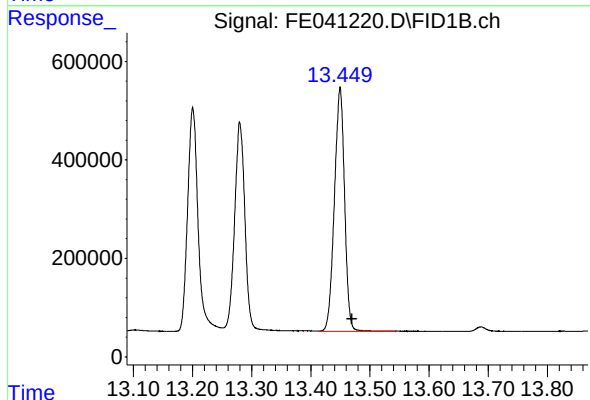
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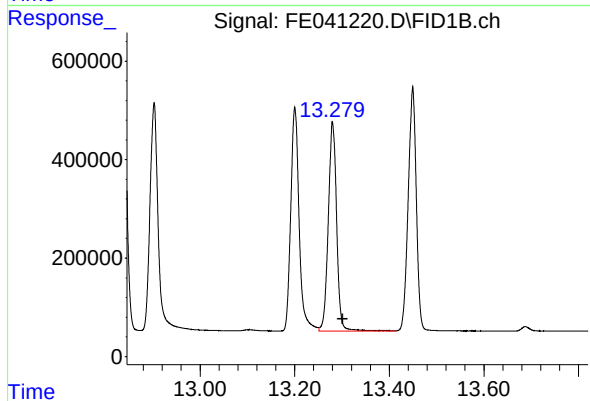
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.021 min
Response: 6256666
Conc: 36.68 ug/ml



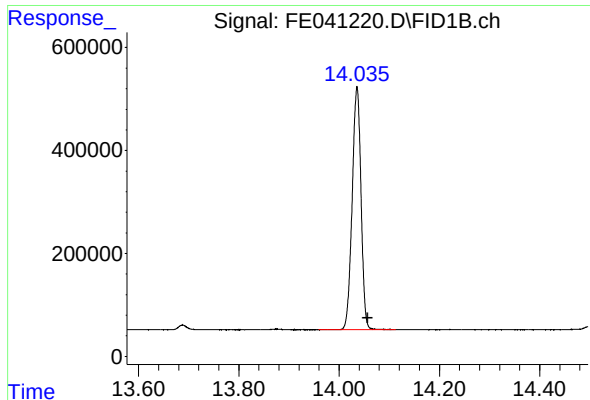
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.020 min
Response: 5915075
Conc: 34.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.280 min
Delta R.T.: -0.022 min
Response: 5193361
Conc: 36.10 ug/ml



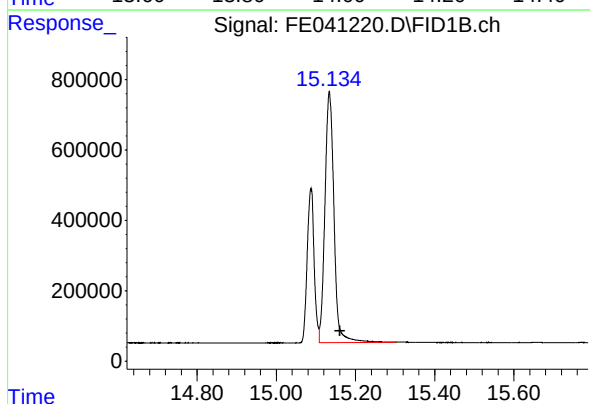
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.021 min
Response: 5782959
Conc: 34.95 ug/ml

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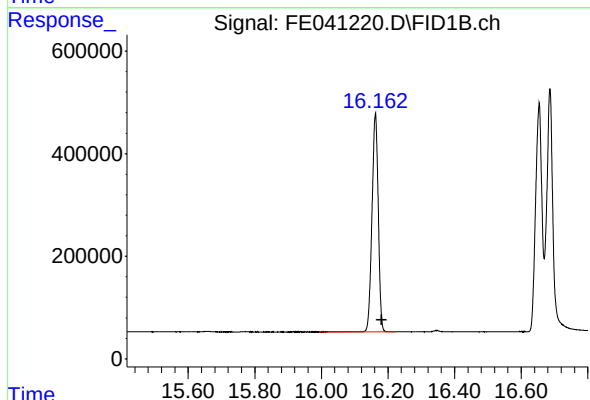
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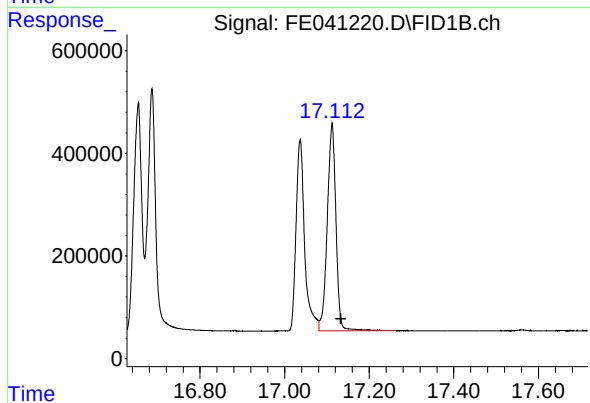
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.027 min
Response: 11347491
Conc: 70.14 ug/ml



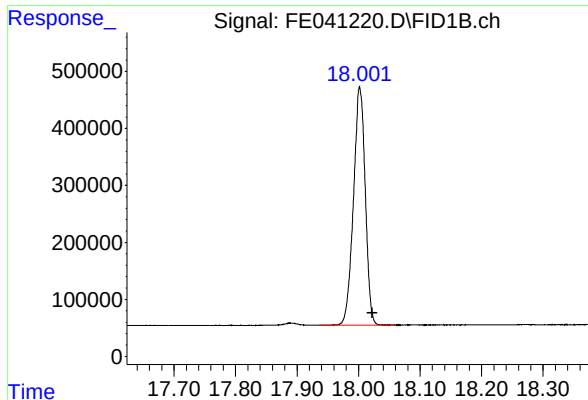
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.020 min
Response: 5558267
Conc: 35.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.021 min
Response: 5765419
Conc: 37.64 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.020 min
Response: 5569774
Conc: 36.44 ug/ml

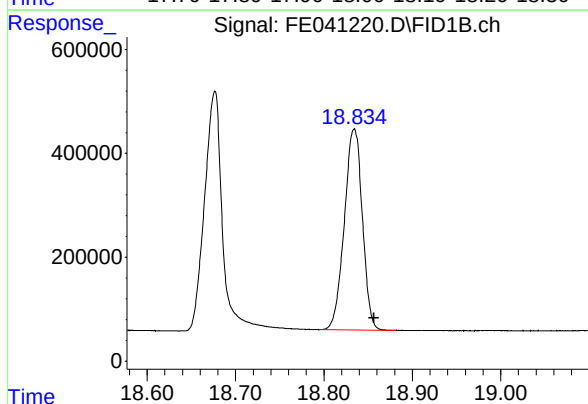
Instrument :

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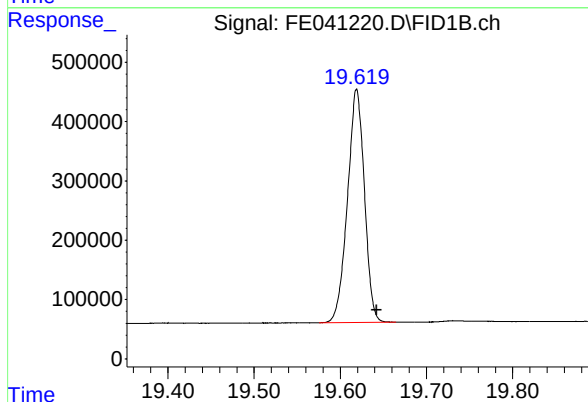
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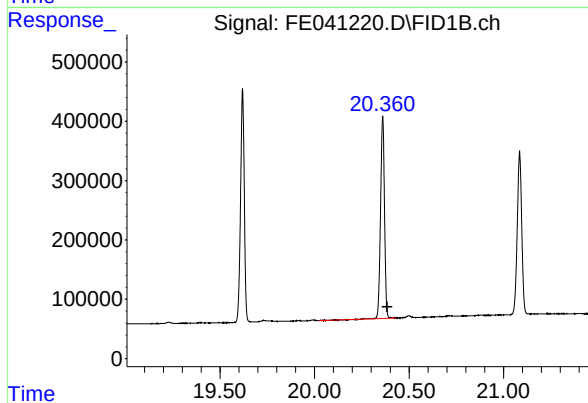
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.022 min
Response: 5488157
Conc: 35.15 ug/ml m



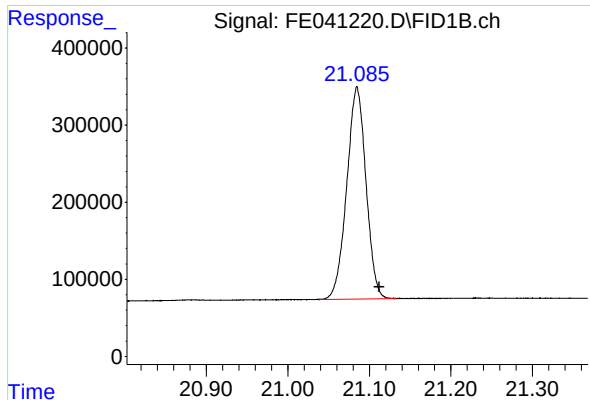
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.023 min
Response: 5369436
Conc: 34.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.023 min
Response: 4915363
Conc: 32.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.028 min
Response: 4506180
Conc: 28.85 ug/ml

Instrument :

FID_E

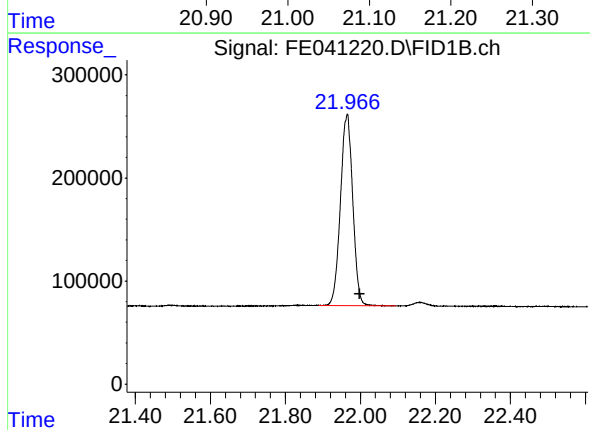
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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.033 min
Response: 4230874
Conc: 26.51 ug/ml