

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040623AL\
 Data File : FE041204.D
 Signal(s) : FID1B.ch
 Acq On : 06 Apr 2023 21:08
 Operator : YP\AJ
 Sample : PB151927BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151927BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/07/2023

Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e

Quant Time: Apr 07 03:19:32 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)	11.847	7737525	41.170 ug/ml
Spiked Amount 50.000		Recovery =	82.34%
12) S 1-chlorooctadecane (S...	13.285	6358523	44.193 ug/ml
Spiked Amount 50.000		Recovery =	88.39%
Target Compounds			
1) T n-Nonane (C9)	3.255	6358678	36.647 ug/ml
2) T n-Decane (C10)	4.498	6784833	39.860 ug/ml
3) T A~Naphthalene (C11.7)	6.194	7657945	41.867 ug/ml
4) T n-Dodecane (C12)	6.657	7496737	43.218 ug/ml
5) T A~2-methylnaphthalene...	7.289	7407151	44.725 ug/ml
6) T n-Tetradecane (C14)	8.485	7687299	44.087 ug/ml
7) T n-Hexadecane (C16)	10.090	7934513	44.613 ug/ml
8) T n-Octadecane (C18)	11.533	7873794	44.098 ug/ml
10) T n-Eicosane (C20)	12.842	7756924	45.475 ug/ml
11) T n-Heneicosane (C21)	13.454	7353331	43.463 ug/ml
13) T n-Docosane (C22)	14.040	7222512	43.644 ug/ml
14) T n-Tetracosane (C24)	15.140	6126306	37.867 ug/mlm
15) T n-Hexacosane (C26)	16.168	6787195	43.784 ug/ml
16) T n-Octacosane (C28)	17.117	6868572	44.840 ug/ml
17) T n-Tricontane (C30)	18.008	6663245	43.592 ug/ml
18) T n-Dotriacontane (C32)	18.839	6509380	41.693 ug/ml
19) T n-Tetratriacontane (C34)	19.626	6653705	42.936 ug/mlm
20) T n-Hexatriacontane (C36)	20.366	6622708	43.600 ug/ml
21) T n-Octatriacontane (C38)	21.091	6891500	44.115 ug/mlm
22) T n-Tetracontane (C40)	21.974	7132275	44.687 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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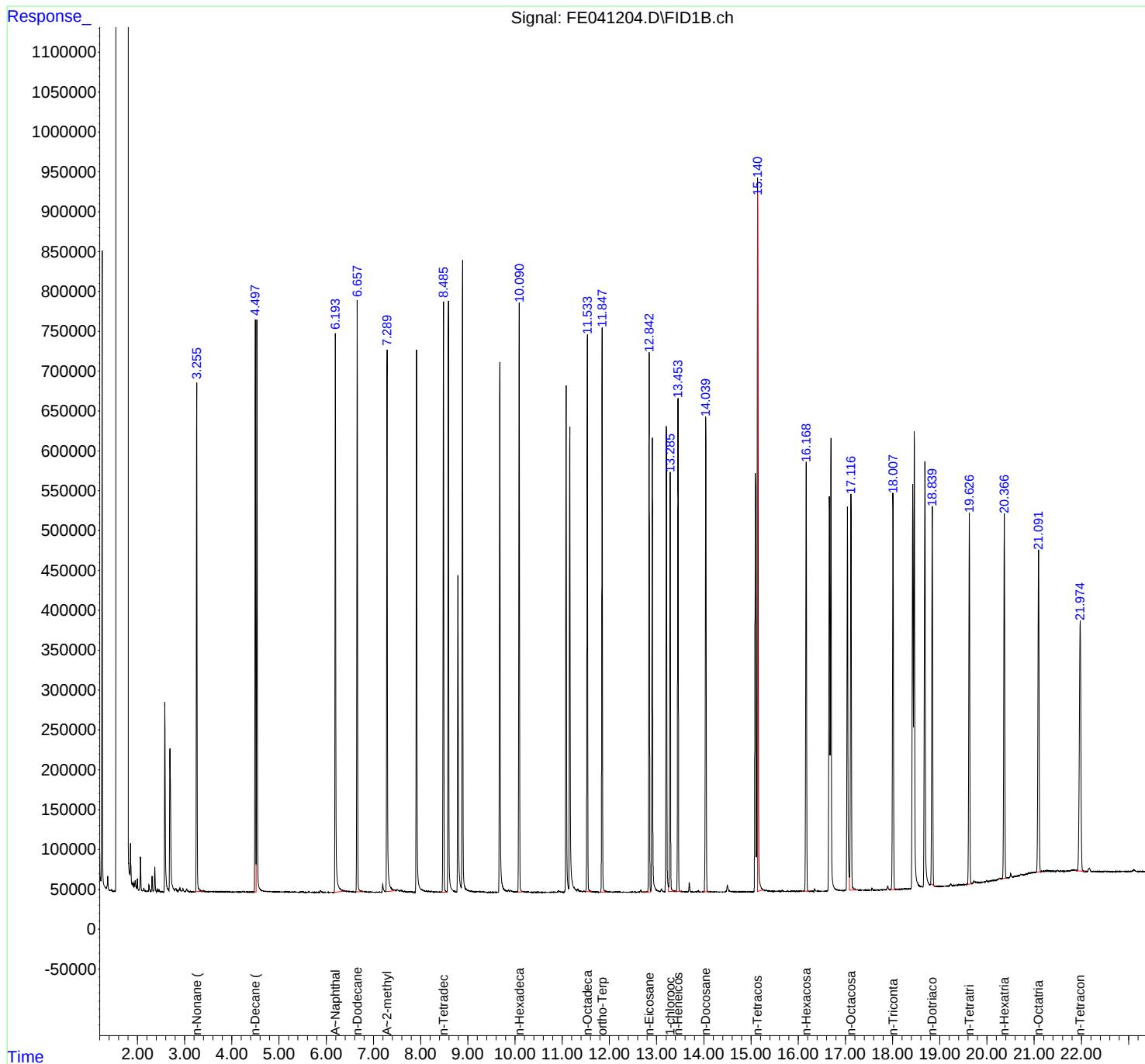
Response via : Initial Calibration

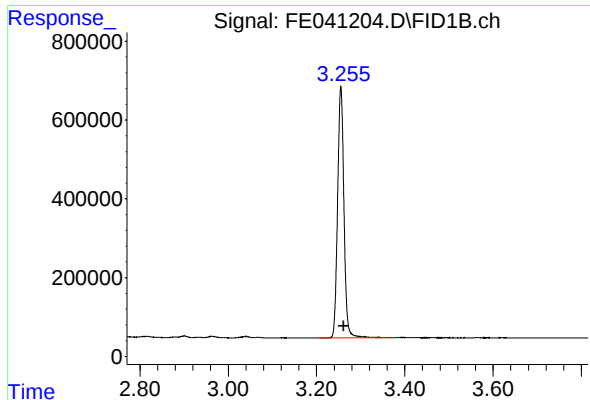
Integrator: ChemStation

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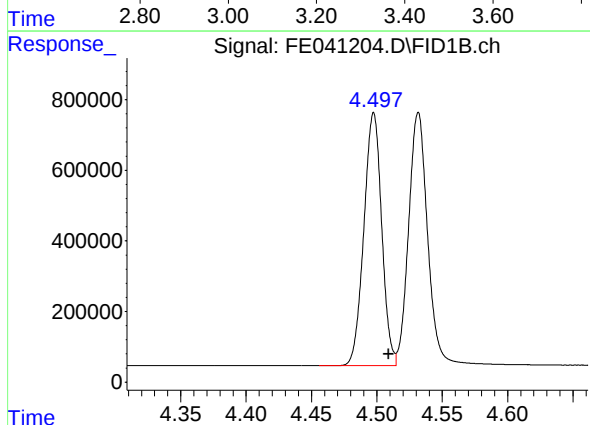
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: -0.007 min
Response: 6358678
Conc: 36.65 ug/ml

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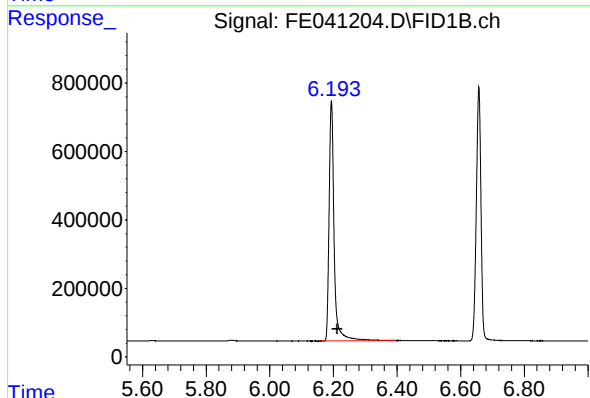
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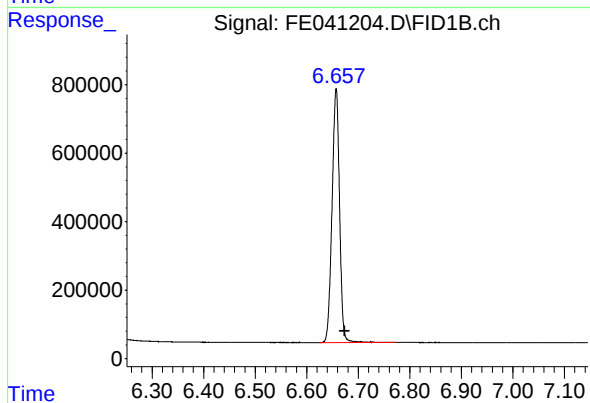
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.011 min
Response: 6784833
Conc: 39.86 ug/ml



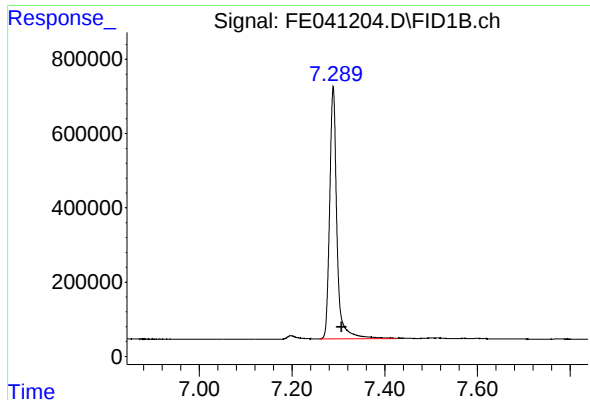
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.018 min
Response: 7657945
Conc: 41.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.657 min
Delta R.T.: -0.016 min
Response: 7496737
Conc: 43.22 ug/ml



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

R.T.: 7.289 min
Delta R.T.: -0.019 min
Response: 7407151
Conc: 44.73 ug/ml

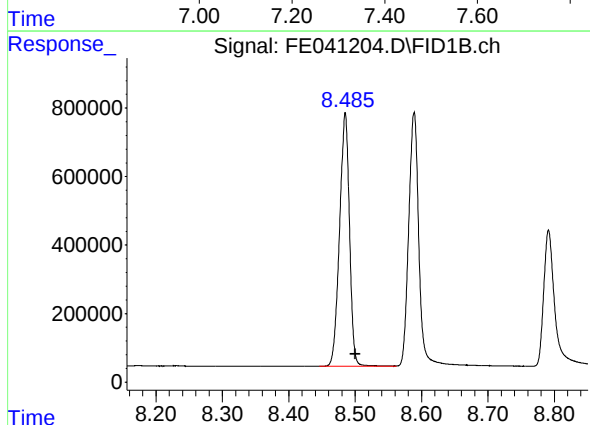
Instrument :

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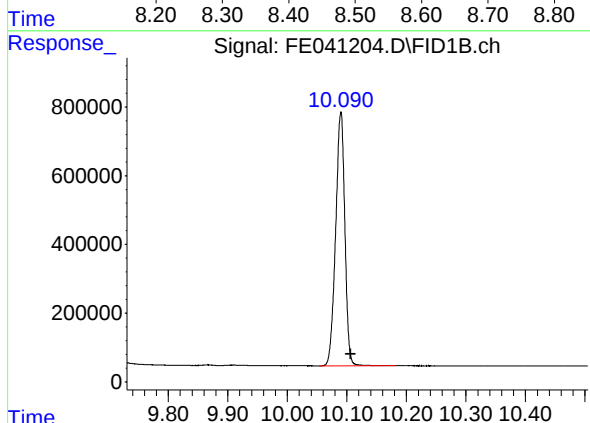
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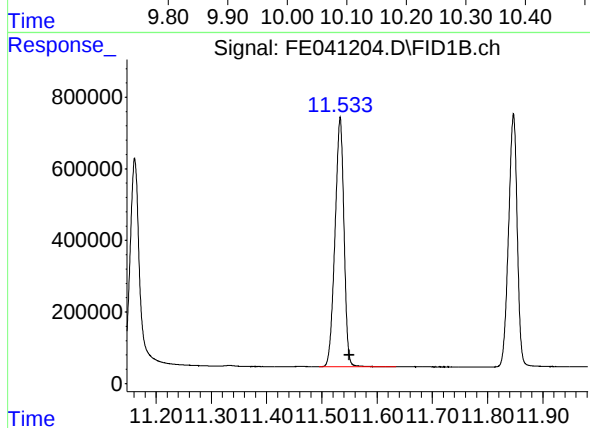
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: -0.015 min
Response: 7687299
Conc: 44.09 ug/ml



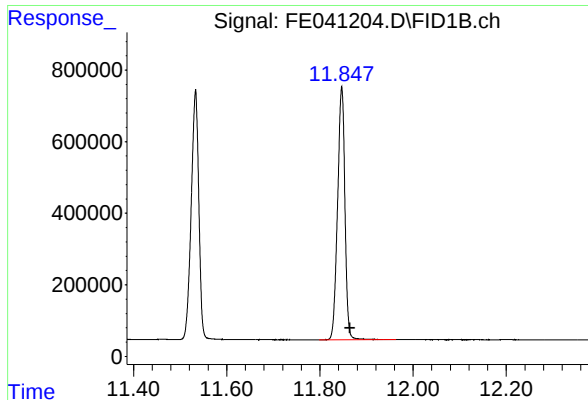
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: -0.017 min
Response: 7934513
Conc: 44.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.533 min
Delta R.T.: -0.016 min
Response: 7873794
Conc: 44.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.847 min
Delta R.T.: -0.018 min
Response: 7737525
Conc: 41.17 ug/ml

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FID_E

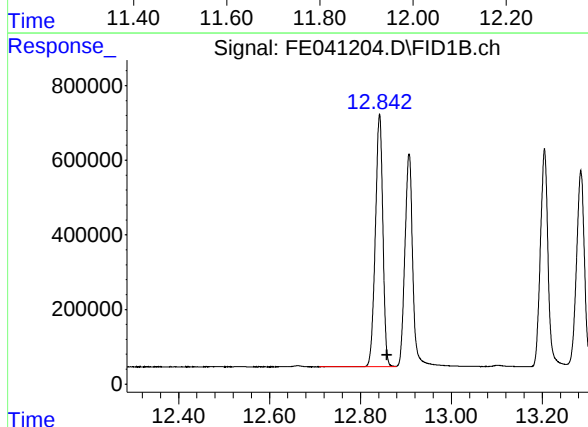
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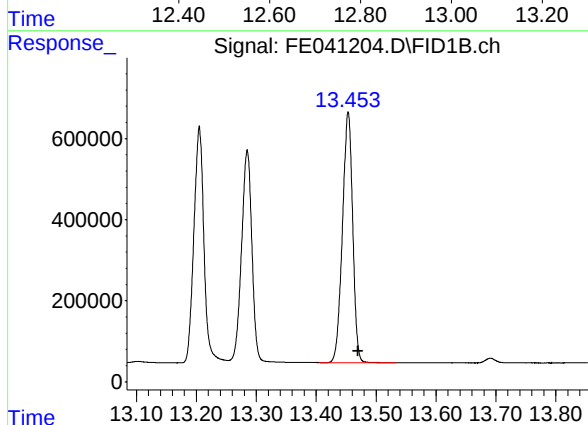
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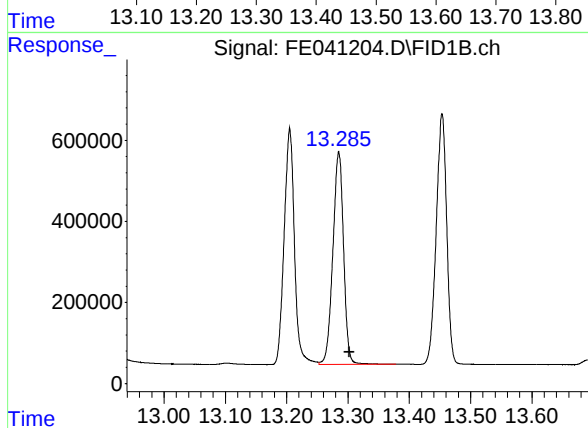
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.016 min
Response: 7756924
Conc: 45.48 ug/ml



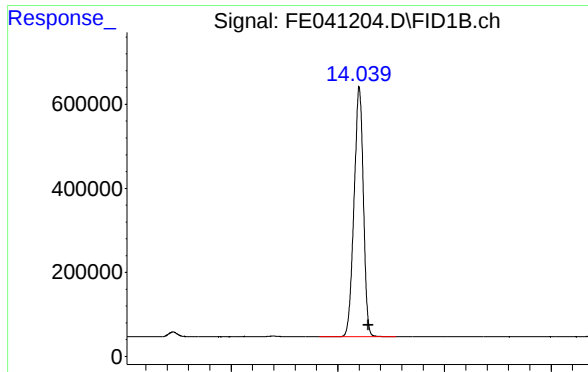
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.016 min
Response: 7353331
Conc: 43.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.017 min
Response: 6358523
Conc: 44.19 ug/ml



#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.017 min
Response: 7222512
Conc: 43.64 ug/ml

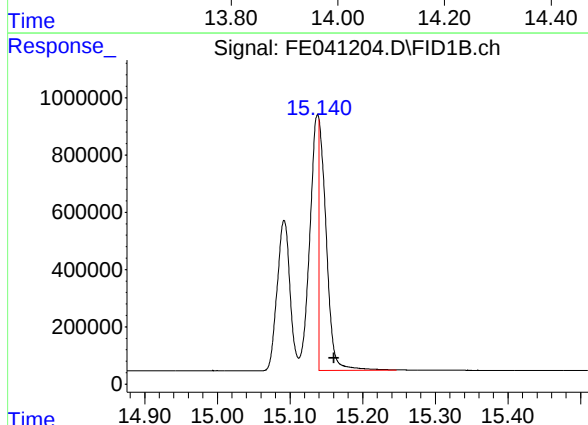
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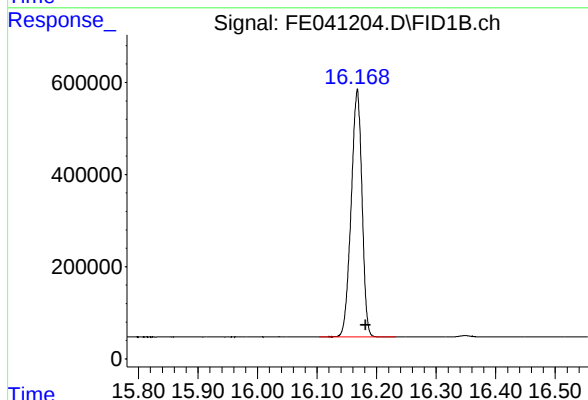
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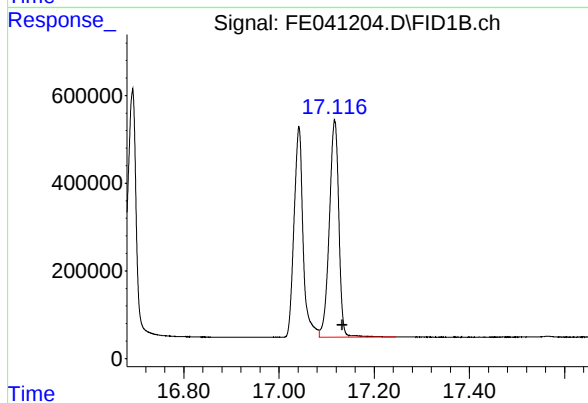
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.021 min
Response: 6126306
Conc: 37.87 ug/ml m



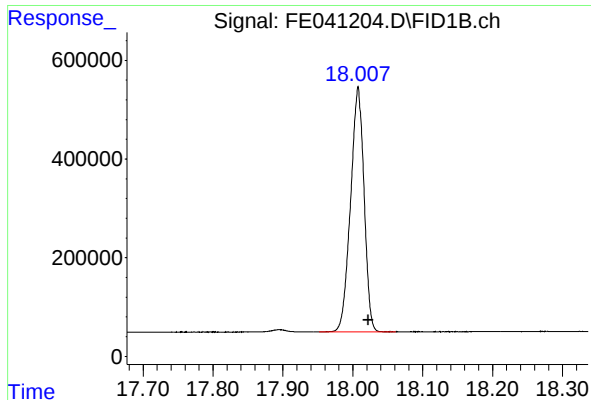
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.014 min
Response: 6787195
Conc: 43.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.016 min
Response: 6868572
Conc: 44.84 ug/ml



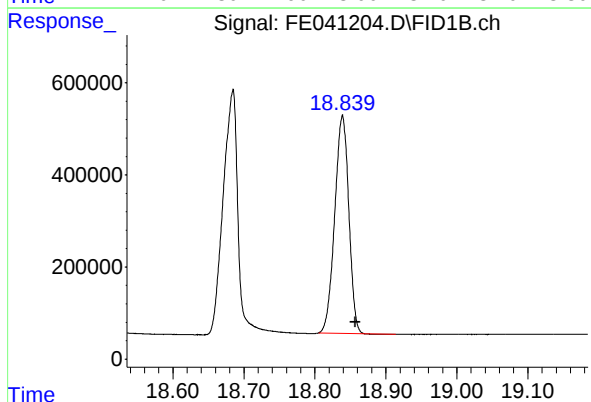
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.015 min
Response: 6663245
Conc: 43.59 ug/ml

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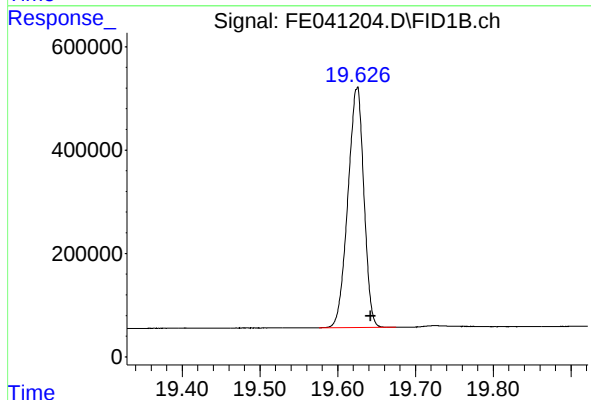
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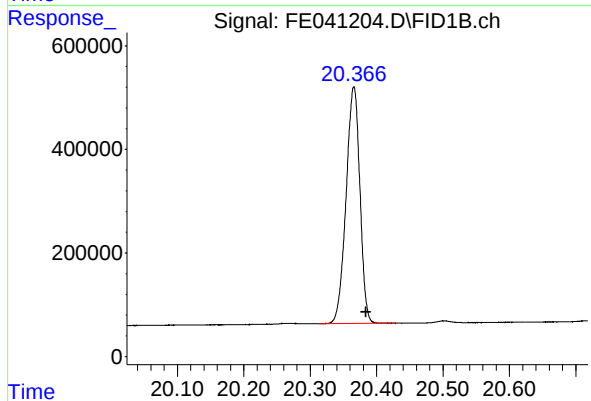
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.018 min
Response: 6509380
Conc: 41.69 ug/ml



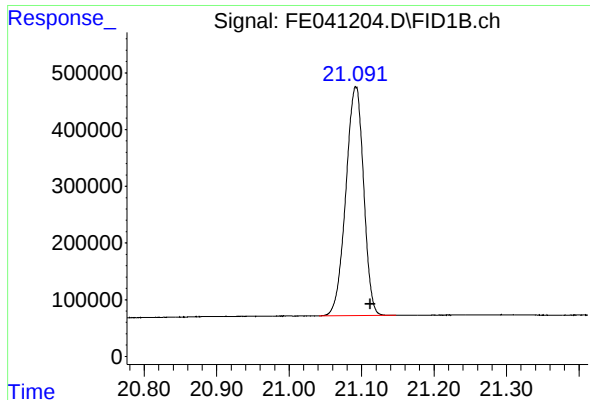
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.017 min
Response: 6653705
Conc: 42.94 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.018 min
Response: 6622708
Conc: 43.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.021 min
Response: 6891500
Conc: 44.11 ug/ml

Instrument :

FID_E

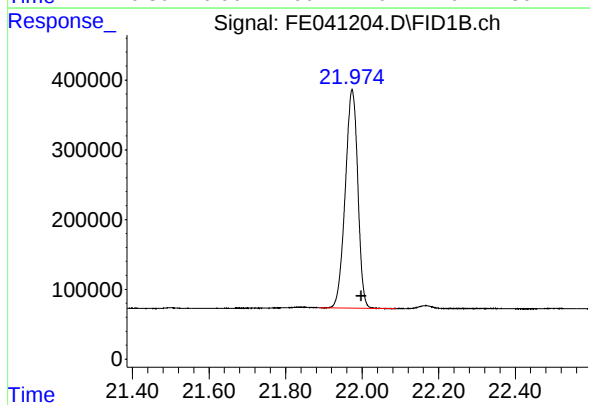
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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.024 min
Response: 7132275
Conc: 44.69 ug/ml