

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070623AL\
 Data File : FE043112.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2023 17:32
 Operator : YP\AJ
 Sample : 03514-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CP-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :Ankita Jodhani 07/07/2023

Integration File: autoint1.e
 Quant Time: Jul 07 02:09:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.904	5176953	28.181 ug/ml
Spiked Amount 50.000		Recovery =	56.36%
12) S 1-chlorooctadecane (S...	13.340	4328364	31.805 ug/ml
Spiked Amount 50.000		Recovery =	63.61%
Target Compounds			
1) T n-Nonane (C9)	3.285	4017870	26.011 ug/ml
2) T n-Decane (C10)	4.537	4527610	28.663 ug/mlm
3) T A~Naphthalene (C11.7)	6.245	5450698	32.191 ug/ml
4) T n-Dodecane (C12)	6.706	5303436	33.133 ug/ml
5) T A~2-methylnaphthalene...	7.342	5678034	35.020 ug/ml
6) T n-Tetradecane (C14)	8.537	5880319	36.948 ug/ml
7) T n-Hexadecane (C16)	10.144	6080173	36.917 ug/ml
8) T n-Octadecane (C18)	11.586	6321041	38.029 ug/ml
10) T n-Eicosane (C20)	12.896	6052473	38.142 ug/ml
11) T n-Heneicosane (C21)	13.508	5930977	38.335 ug/ml
13) T n-Docosane (C22)	14.094	5835072	38.305 ug/ml
14) T n-Tetracosane (C24)	15.189	11180615	75.355 ug/ml
15) T n-Hexacosane (C26)	16.219	5539449	38.748 ug/ml
16) T n-Octacosane (C28)	17.168	5365163	38.683 ug/ml
17) T n-Tricontane (C30)	18.057	5377164	38.020 ug/ml
18) T n-Dotriacontane (C32)	18.889	5263910	37.530 ug/ml
19) T n-Tetratriacontane (C34)	19.671	5009589	36.608 ug/ml
20) T n-Hexatriacontane (C36)	20.413	4945366	36.979 ug/ml
21) T n-Octatriacontane (C38)	21.150	4856359	35.619 ug/ml
22) T n-Tetracontane (C40)	22.065	5179733	37.230 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03514-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

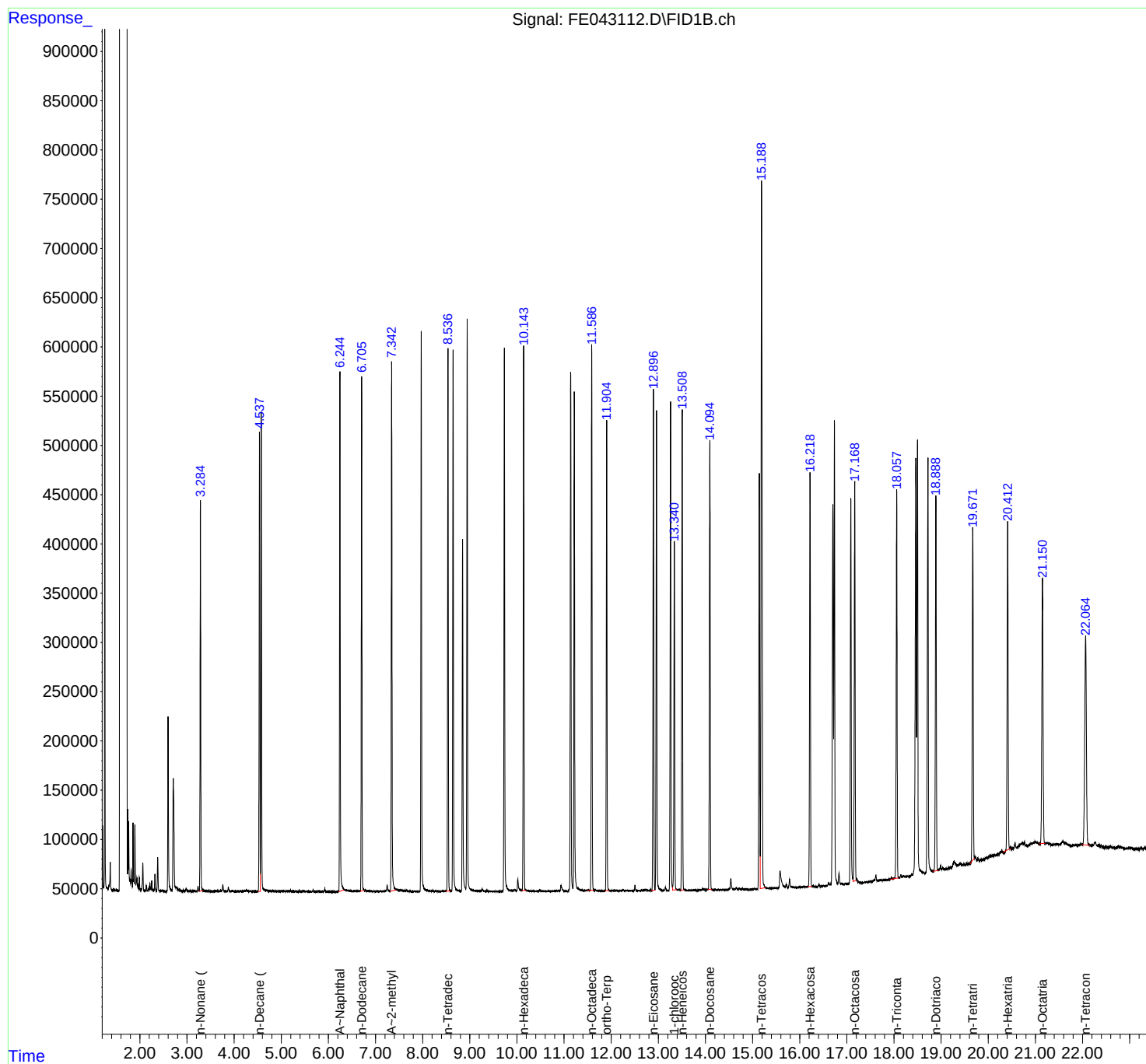
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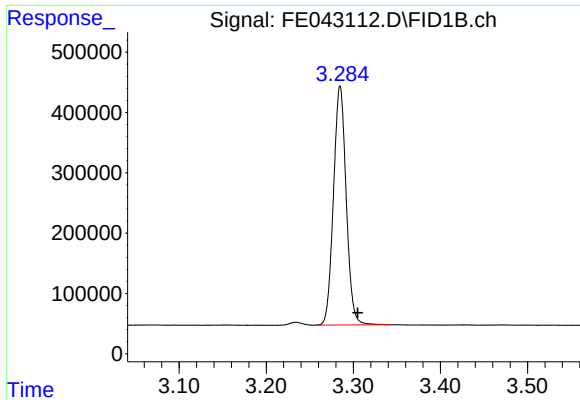
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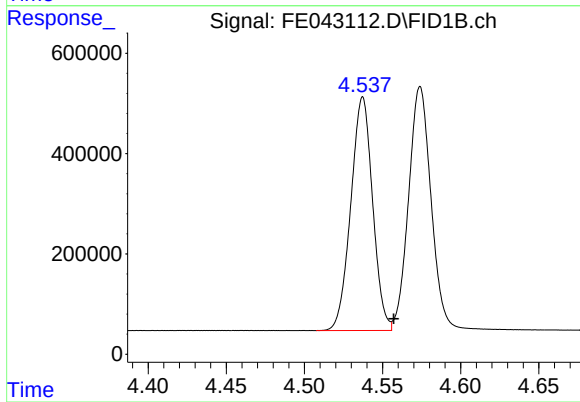
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.020 min
Response: 4017870
Conc: 26.01 ug/ml

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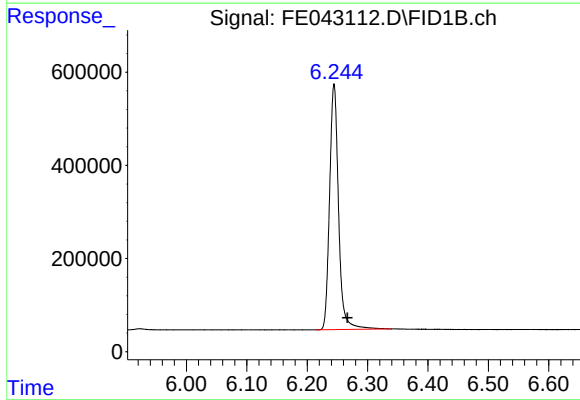
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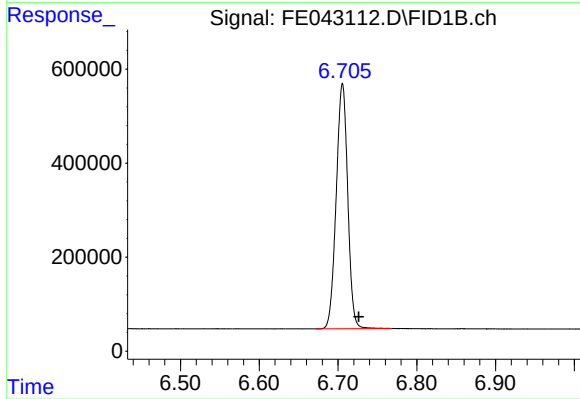
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.020 min
Response: 4527610
Conc: 28.66 ug/ml m



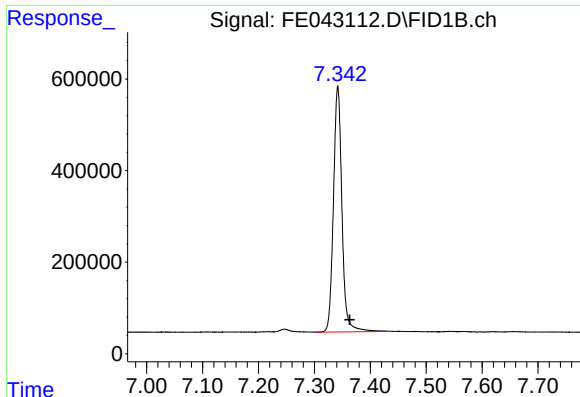
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.022 min
Response: 5450698
Conc: 32.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: -0.021 min
Response: 5303436
Conc: 33.13 ug/ml



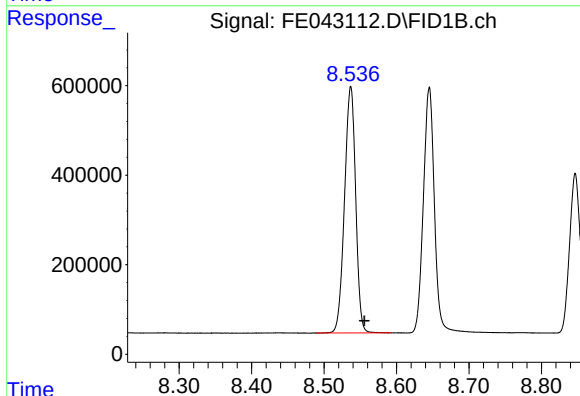
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.342 min
Delta R.T.: -0.021 min
Response: 5678034
Conc: 35.02 ug/ml

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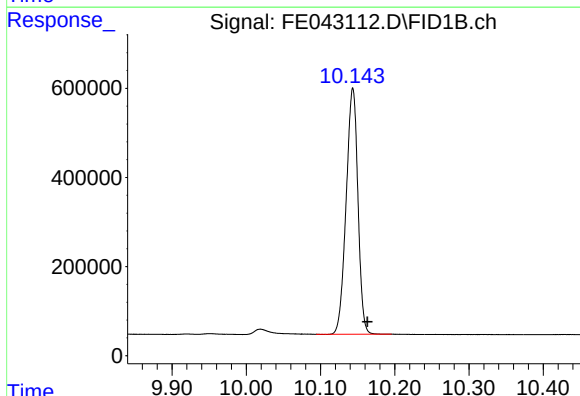
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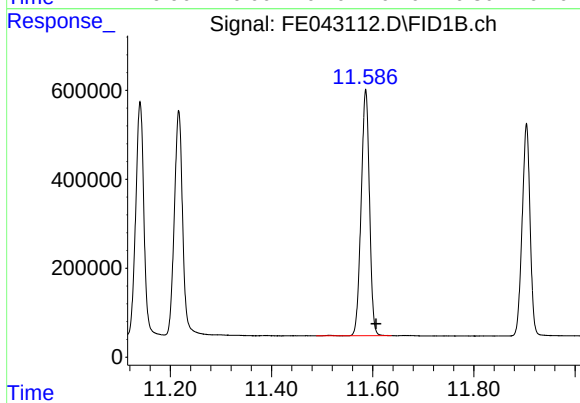
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.019 min
Response: 5880319
Conc: 36.95 ug/ml



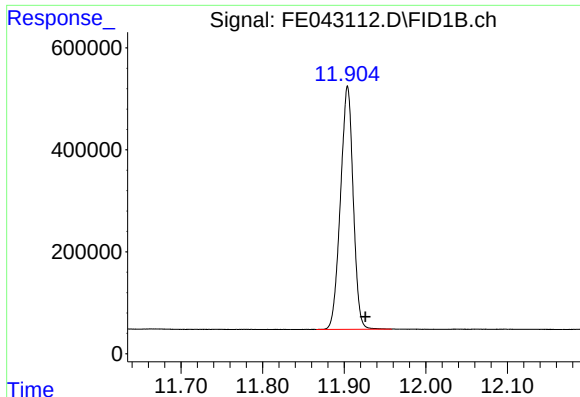
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.019 min
Response: 6080173
Conc: 36.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.020 min
Response: 6321041
Conc: 38.03 ug/ml



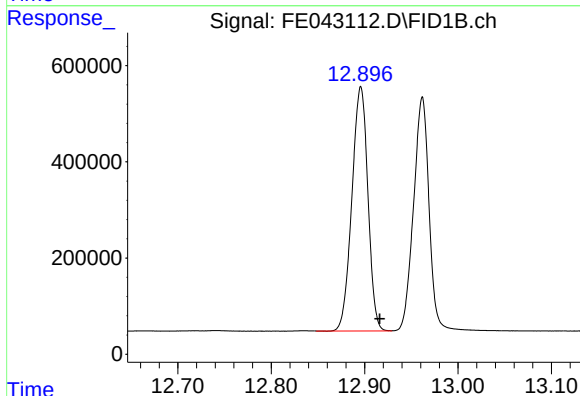
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.022 min
Response: 5176953
Conc: 28.18 ug/ml

Instrument :
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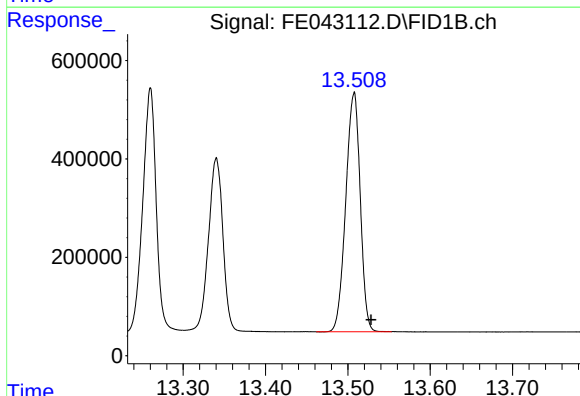
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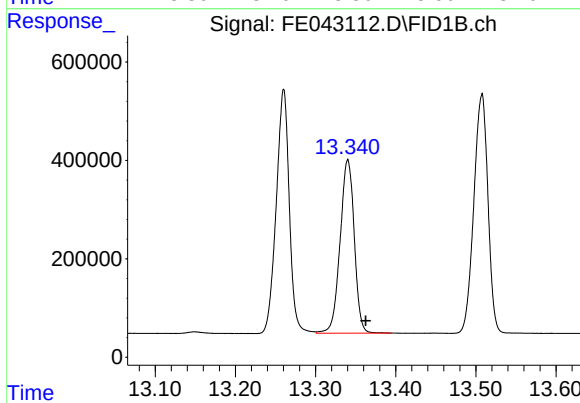
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.020 min
Response: 6052473
Conc: 38.14 ug/ml



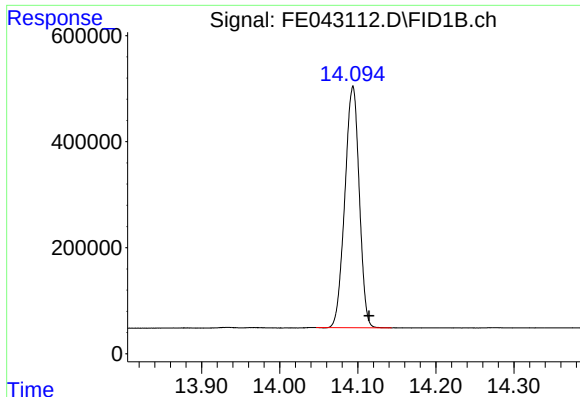
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.021 min
Response: 5930977
Conc: 38.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.022 min
Response: 4328364
Conc: 31.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.021 min
Response: 5835072
Conc: 38.31 ug/ml

Instrument :

FID_E

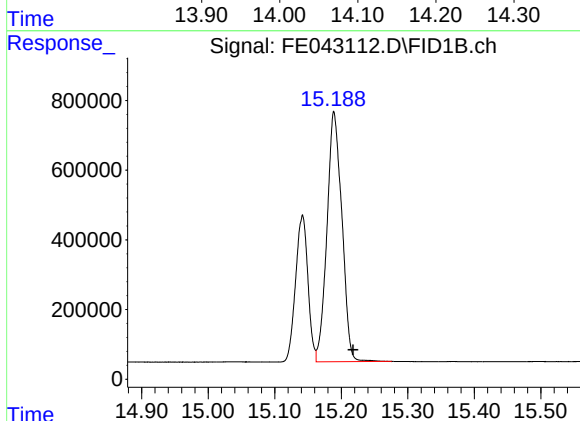
ClientSampleId :

CP-5MS

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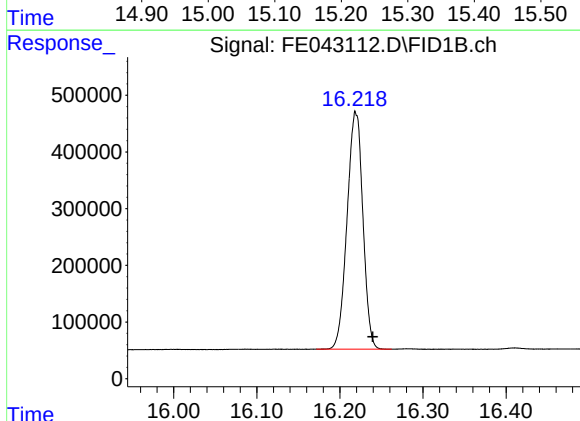
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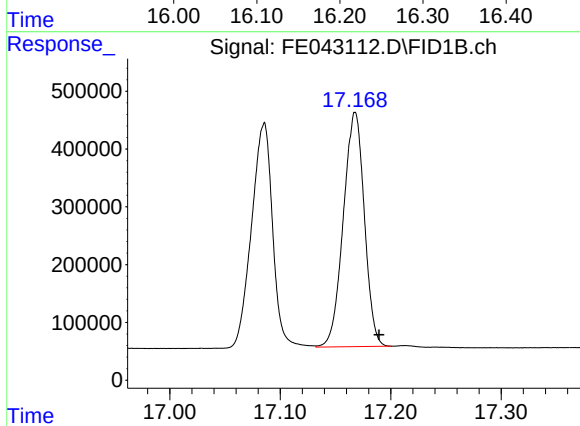
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.029 min
Response: 11180615
Conc: 75.35 ug/ml



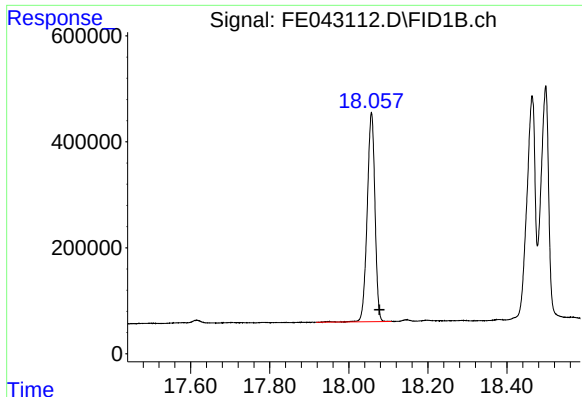
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.020 min
Response: 5539449
Conc: 38.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.022 min
Response: 5365163
Conc: 38.68 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 5377164
Conc: 38.02 ug/ml

Instrument :

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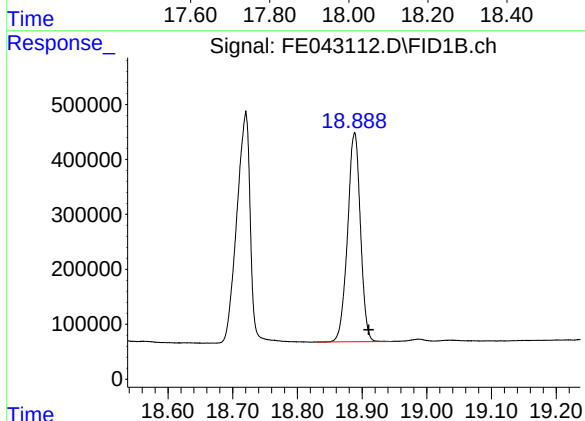
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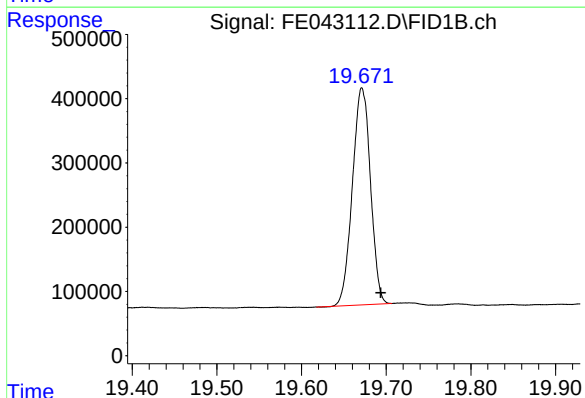
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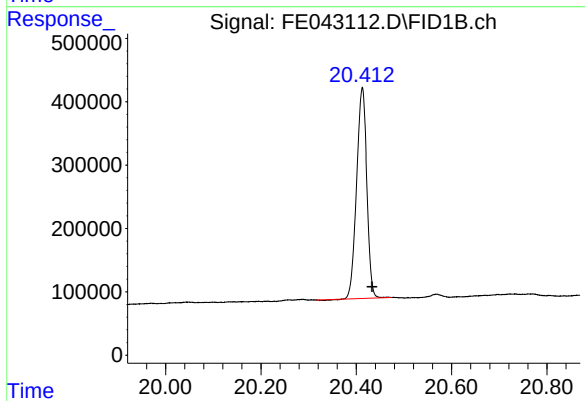
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.022 min
Response: 5263910
Conc: 37.53 ug/ml



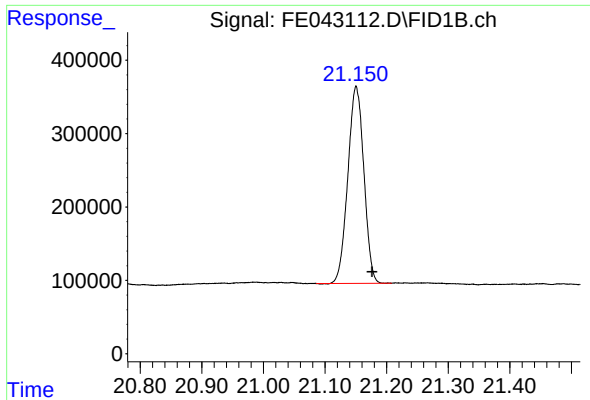
#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.022 min
Response: 5009589
Conc: 36.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.413 min
Delta R.T.: -0.021 min
Response: 4945366
Conc: 36.98 ug/ml



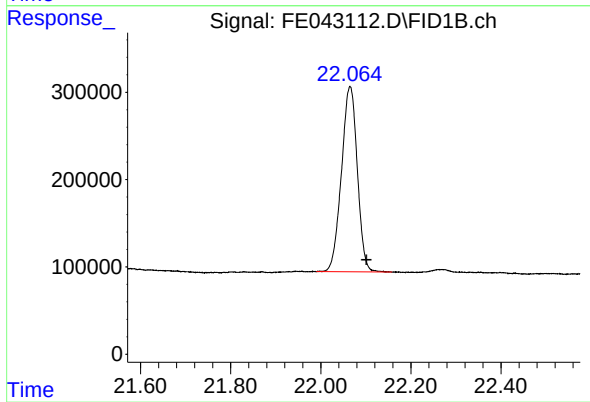
#21 n-Octatriacontane (C38)

R.T.: 21.150 min
Delta R.T.: -0.026 min
Response: 4856359
Conc: 35.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.065 min
Delta R.T.: -0.036 min
Response: 5179733
Conc: 37.23 ug/ml