

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070523AL\
 Data File : FE043088.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2023 17:59
 Operator : YP\AJ
 Sample : 03507-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CP-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Ankita Jodhani 07/06/2023

Integration File: autoint1.e

Quant Time: Jul 06 02:34:07 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)	11.906	4794533	26.099 ug/ml
Spiked Amount 50.000		Recovery =	52.20%
12) S 1-chlorooctadecane (S...	13.342	3940531	28.955 ug/ml
Spiked Amount 50.000		Recovery =	57.91%
Target Compounds			
1) T n-Nonane (C9)	3.285	3306377	21.405 ug/ml
2) T n-Decane (C10)	4.538	3806236	24.096 ug/mlm
3) T A~Naphthalene (C11.7)	6.246	4584902	27.078 ug/ml
4) T n-Dodecane (C12)	6.707	4543571	28.385 ug/ml
5) T A~2-methylnaphthalene...	7.343	4929483	30.403 ug/ml
6) T n-Tetradecane (C14)	8.538	5169535	32.482 ug/ml
7) T n-Hexadecane (C16)	10.144	5496352	33.372 ug/ml
8) T n-Octadecane (C18)	11.588	5698140	34.281 ug/ml
10) T n-Eicosane (C20)	12.897	5456923	34.389 ug/ml
11) T n-Heneicosane (C21)	13.509	5285439	34.163 ug/ml
13) T n-Docosane (C22)	14.095	5229645	34.331 ug/ml
14) T n-Tetracosane (C24)	15.190	9995786	67.369 ug/ml
15) T n-Hexacosane (C26)	16.219	4886454	34.180 ug/ml
16) T n-Octacosane (C28)	17.168	4681650	33.755 ug/ml
17) T n-Tricontane (C30)	18.058	4736436	33.490 ug/ml
18) T n-Dotriacontane (C32)	18.888	4623814	32.966 ug/ml
19) T n-Tetratriacontane (C34)	19.672	4388596	32.070 ug/ml
20) T n-Hexatriacontane (C36)	20.413	4422333	33.068 ug/ml
21) T n-Octatriacontane (C38)	21.151	4336816	31.809 ug/ml
22) T n-Tetracontane (C40)	22.066	4564413	32.807 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03507-01MSD
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ALS Vial : 17 Sample Multiplier: 1

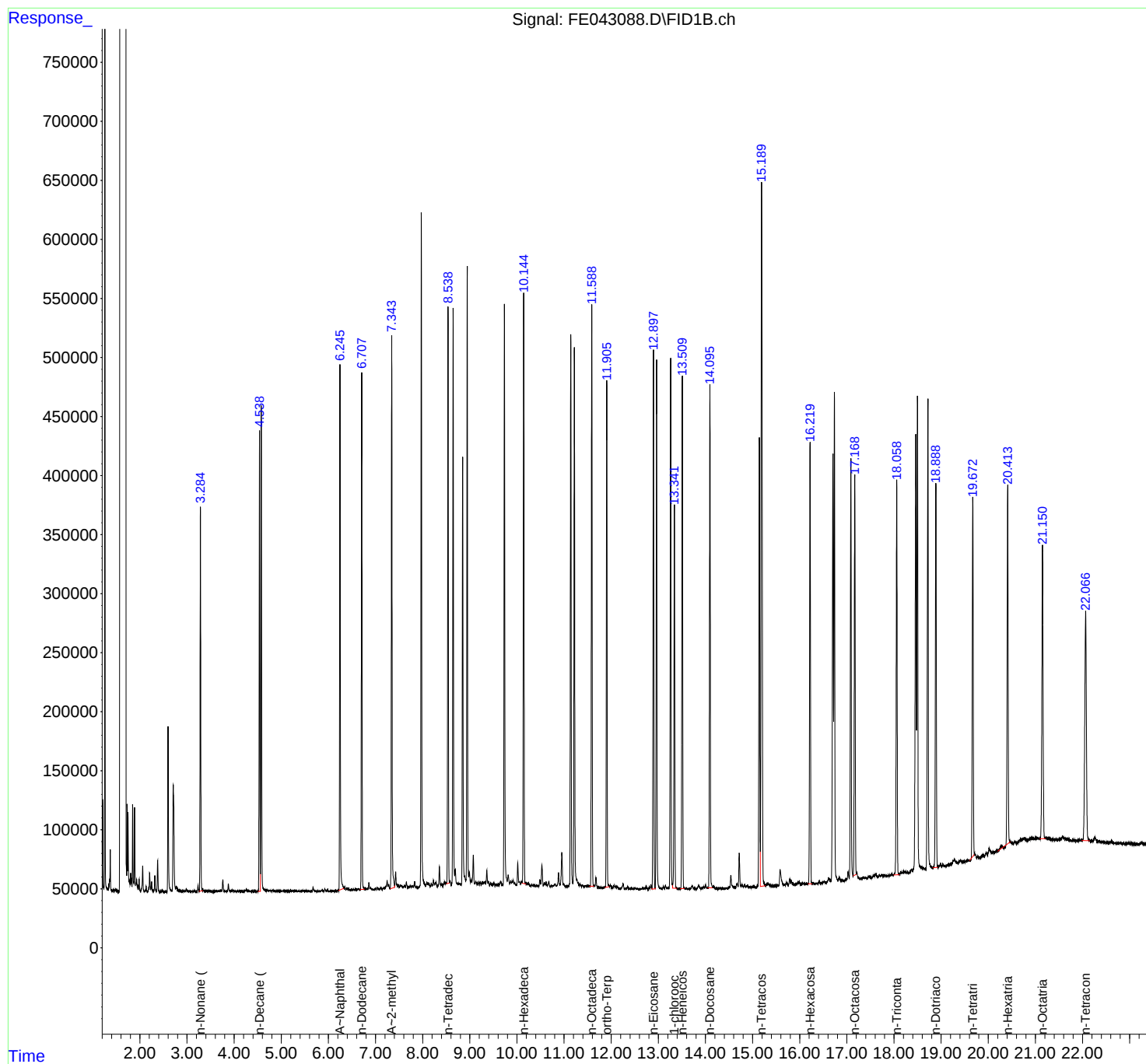
Instrument :
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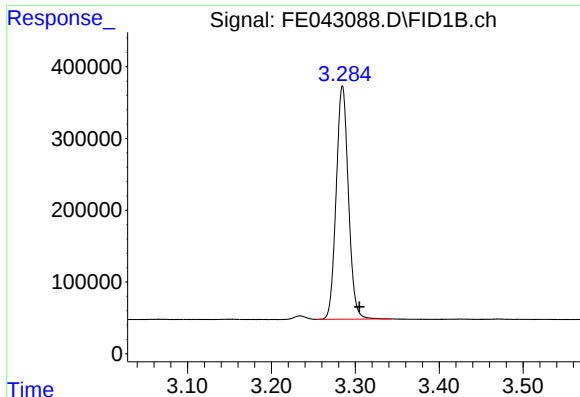
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.020 min
Response: 3306377
Conc: 21.40 ug/ml

Instrument :

FID_E

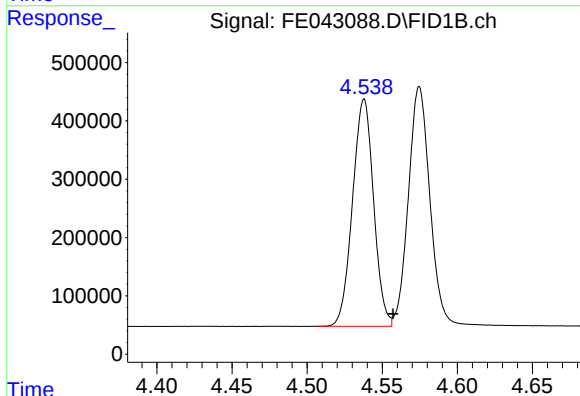
ClientSampleId :

CP-1MSD

Manual Integrations

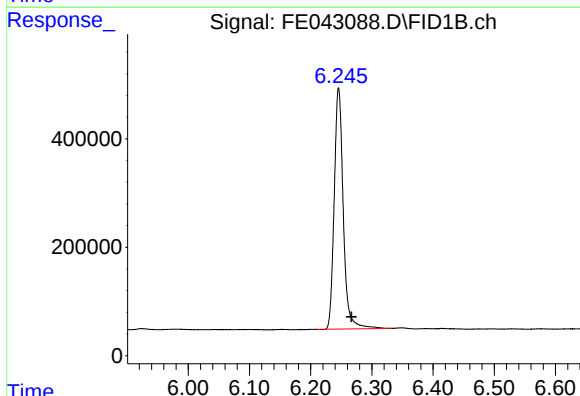
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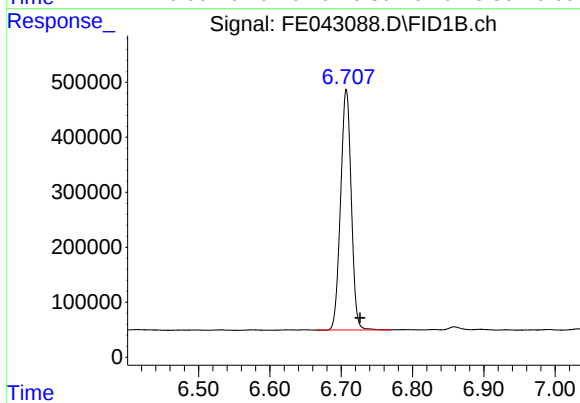
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.019 min
Response: 3806236
Conc: 24.10 ug/ml m



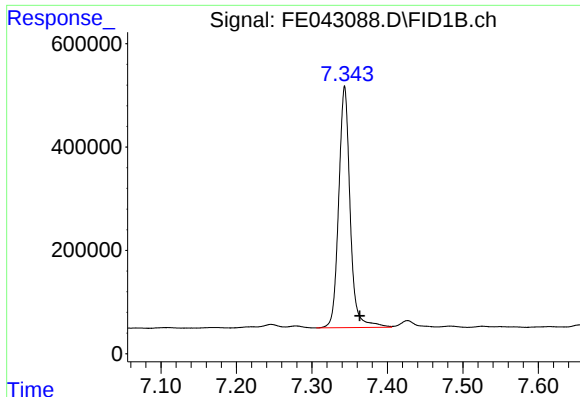
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: -0.021 min
Response: 4584902
Conc: 27.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 4543571
Conc: 28.39 ug/ml



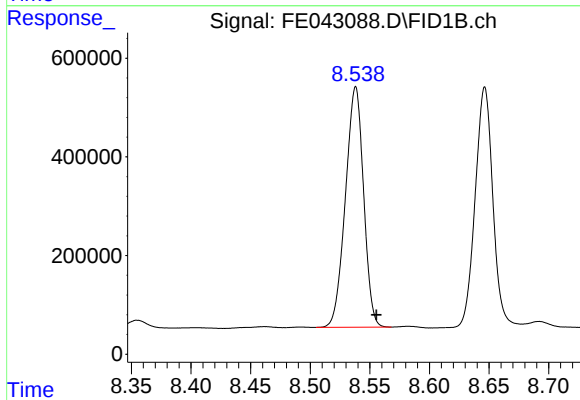
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.020 min
Response: 4929483
Conc: 30.40 ug/ml

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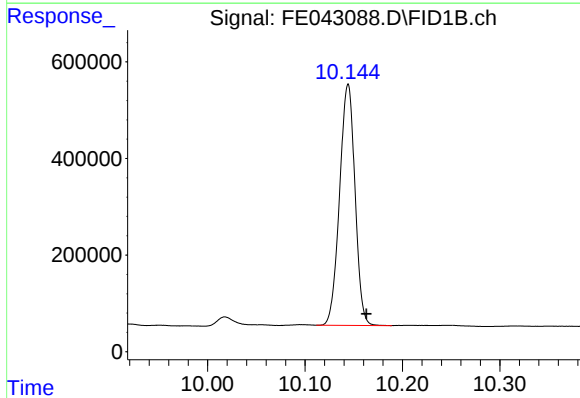
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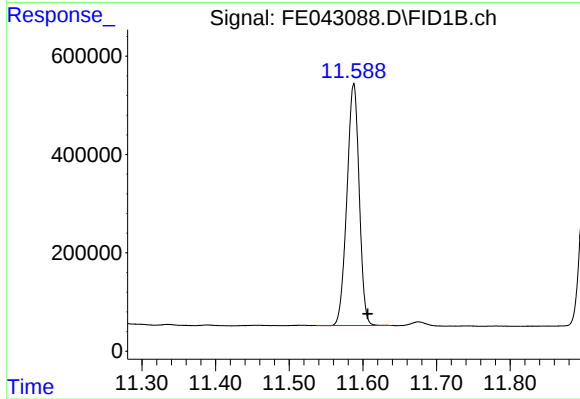
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.017 min
Response: 5169535
Conc: 32.48 ug/ml



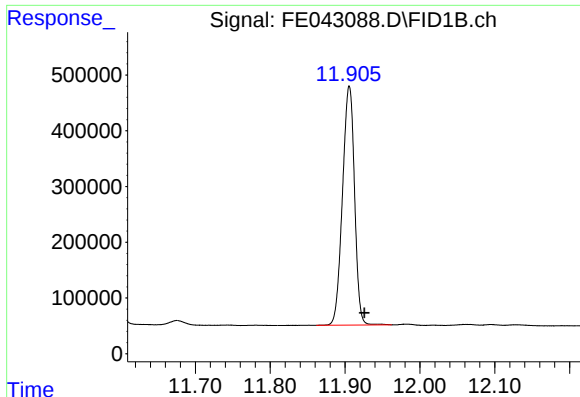
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.019 min
Response: 5496352
Conc: 33.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.019 min
Response: 5698140
Conc: 34.28 ug/ml



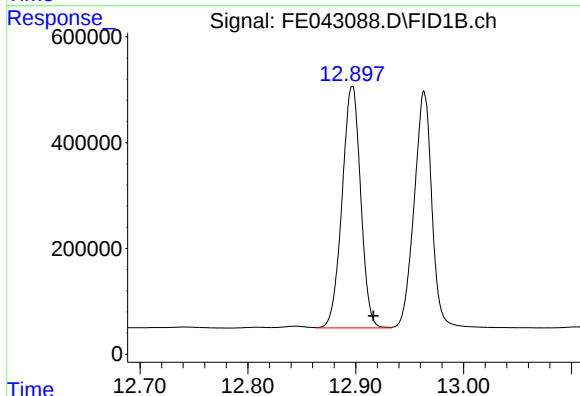
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.020 min
Response: 4794533
Conc: 26.10 ug/ml

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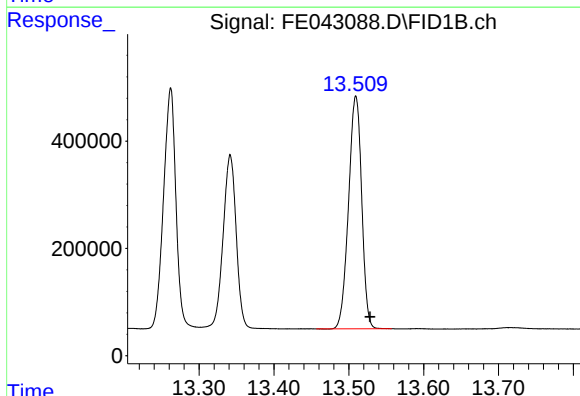
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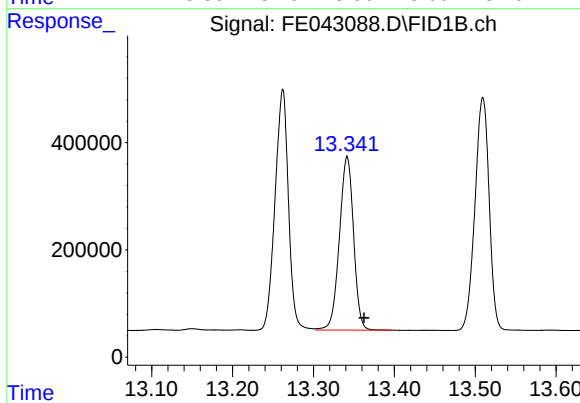
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.019 min
Response: 5456923
Conc: 34.39 ug/ml



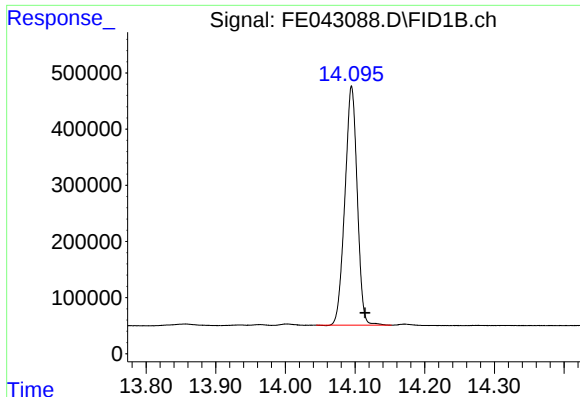
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.019 min
Response: 5285439
Conc: 34.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.021 min
Response: 3940531
Conc: 28.96 ug/ml



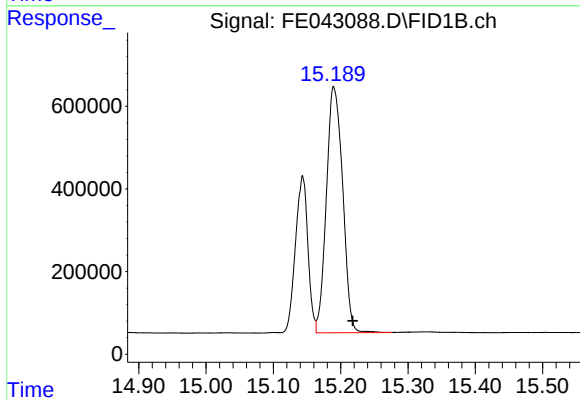
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 5229645
Conc: 34.33 ug/ml

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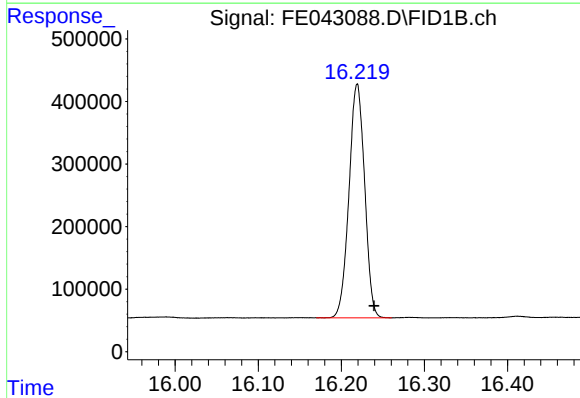
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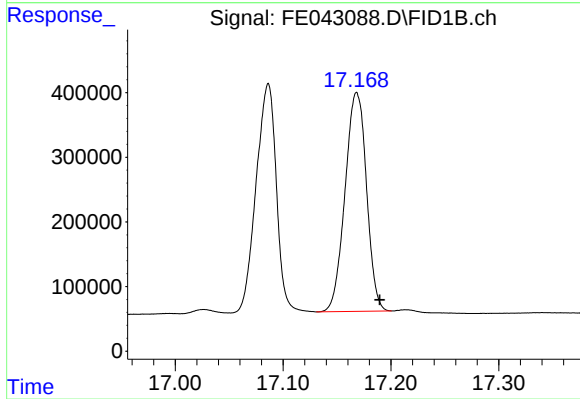
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.028 min
Response: 9995786
Conc: 67.37 ug/ml



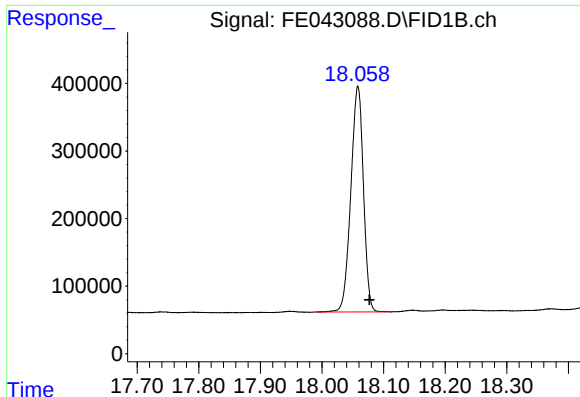
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.021 min
Response: 4886454
Conc: 34.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.021 min
Response: 4681650
Conc: 33.75 ug/ml



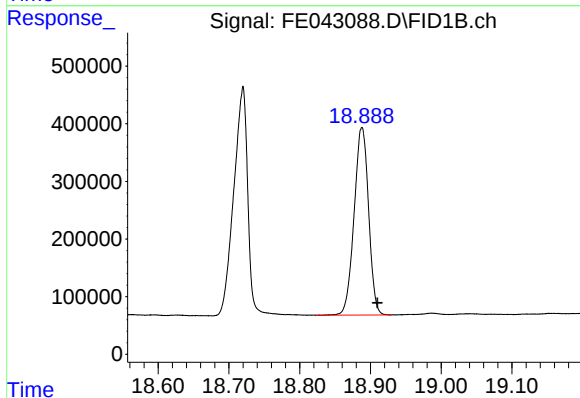
#17 n-Tricontane (C30)

R.T.: 18.058 min
Delta R.T.: -0.019 min
Response: 4736436
Conc: 33.49 ug/ml

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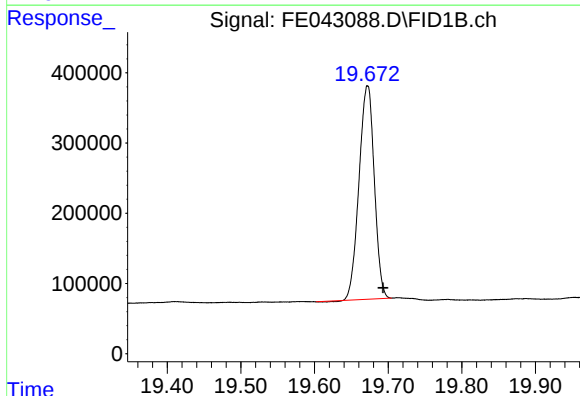
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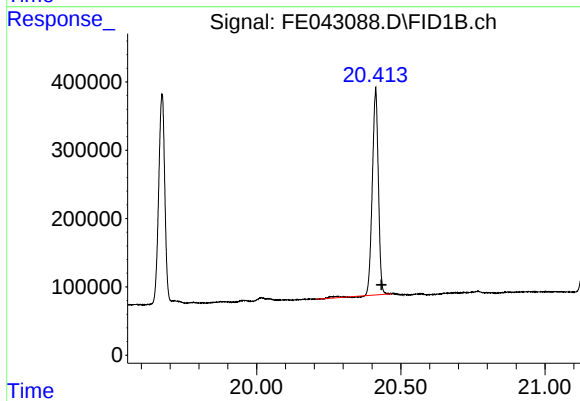
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: -0.022 min
Response: 4623814
Conc: 32.97 ug/ml



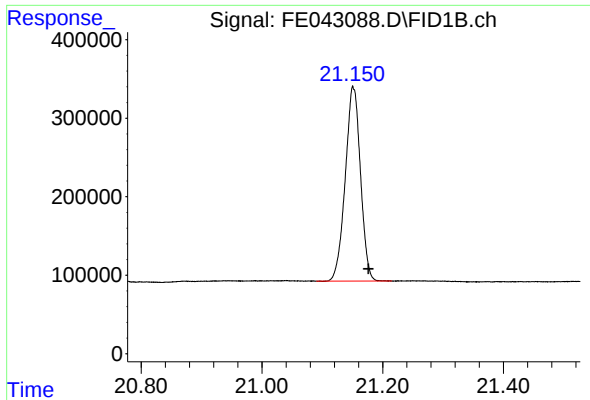
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: -0.021 min
Response: 4388596
Conc: 32.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.413 min
Delta R.T.: -0.020 min
Response: 4422333
Conc: 33.07 ug/ml



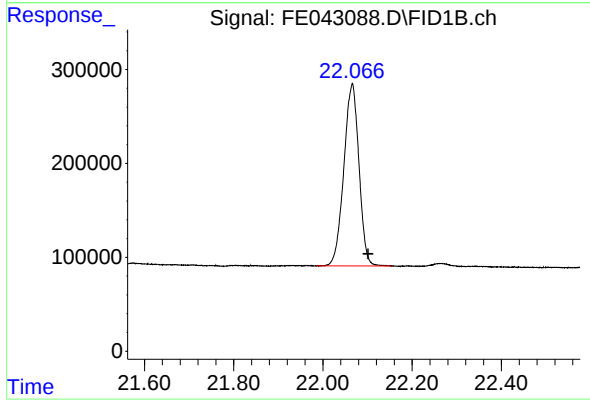
#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.026 min
Response: 4336816
Conc: 31.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.035 min
Response: 4564413
Conc: 32.81 ug/ml