

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046488.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 13:46
 Operator : YP\AJ
 Sample : PB158729BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158729BS

Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 02/01/2024

Supervised By :Sohil Jodhani 02/01/2024

Integration File: autoint1.e

Quant Time: Jan 31 21:35:33 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M

Quant Title : GC Extractables

QLast Update : Thu Jan 25 14:56:03 2024

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)	11.822	7212563	39.006 ug/ml
Spiked Amount 50.000		Recovery =	78.01%
12) S 1-chlorooctadecane (S...	13.262	5974033	41.989 ug/ml
Spiked Amount 50.000		Recovery =	83.98%
Target Compounds			
1) T n-Nonane (C9)	3.226	7027237	43.505 ug/ml
2) T n-Decane (C10)	4.469	7508003	45.813 ug/ml
3) T A~Naphthalene (C11.7)	6.167	9025883	52.783 ug/ml
4) T n-Dodecane (C12)	6.629	8172291	49.406 ug/ml
5) T A~2-methylnaphthalene...	7.262	8791954	55.125 ug/ml
6) T n-Tetradecane (C14)	8.455	8238956	50.269 ug/ml
7) T n-Hexadecane (C16)	10.063	8165917	47.787 ug/ml
8) T n-Octadecane (C18)	11.508	8254759	47.349 ug/ml
10) T n-Eicosane (C20)	12.818	8323219	49.022 ug/ml
11) T n-Heneicosane (C21)	13.430	8002030	47.977 ug/ml
13) T n-Docosane (C22)	14.017	7911465	47.755 ug/ml
14) T n-Tetracosane (C24)	15.121	18201618	110.311 ug/ml
15) T n-Hexacosane (C26)	16.145	7682661	47.600 ug/ml
16) T n-Octacosane (C28)	17.093	9520509	60.648 ug/ml
17) T n-Tricontane (C30)	17.986	7583970	48.419 ug/ml
18) T n-Dotriacontane (C32)	18.818	7942693	52.545 ug/ml
19) T n-Tetratriacontane (C34)	19.604	6664856	46.990 ug/ml
20) T n-Hexatriacontane (C36)	20.345	5945437	43.133 ug/ml
21) T n-Octatriacontane (C38)	21.074	5619941	43.839 ug/ml
22) T n-Tetracontane (C40)	21.961	5537496	44.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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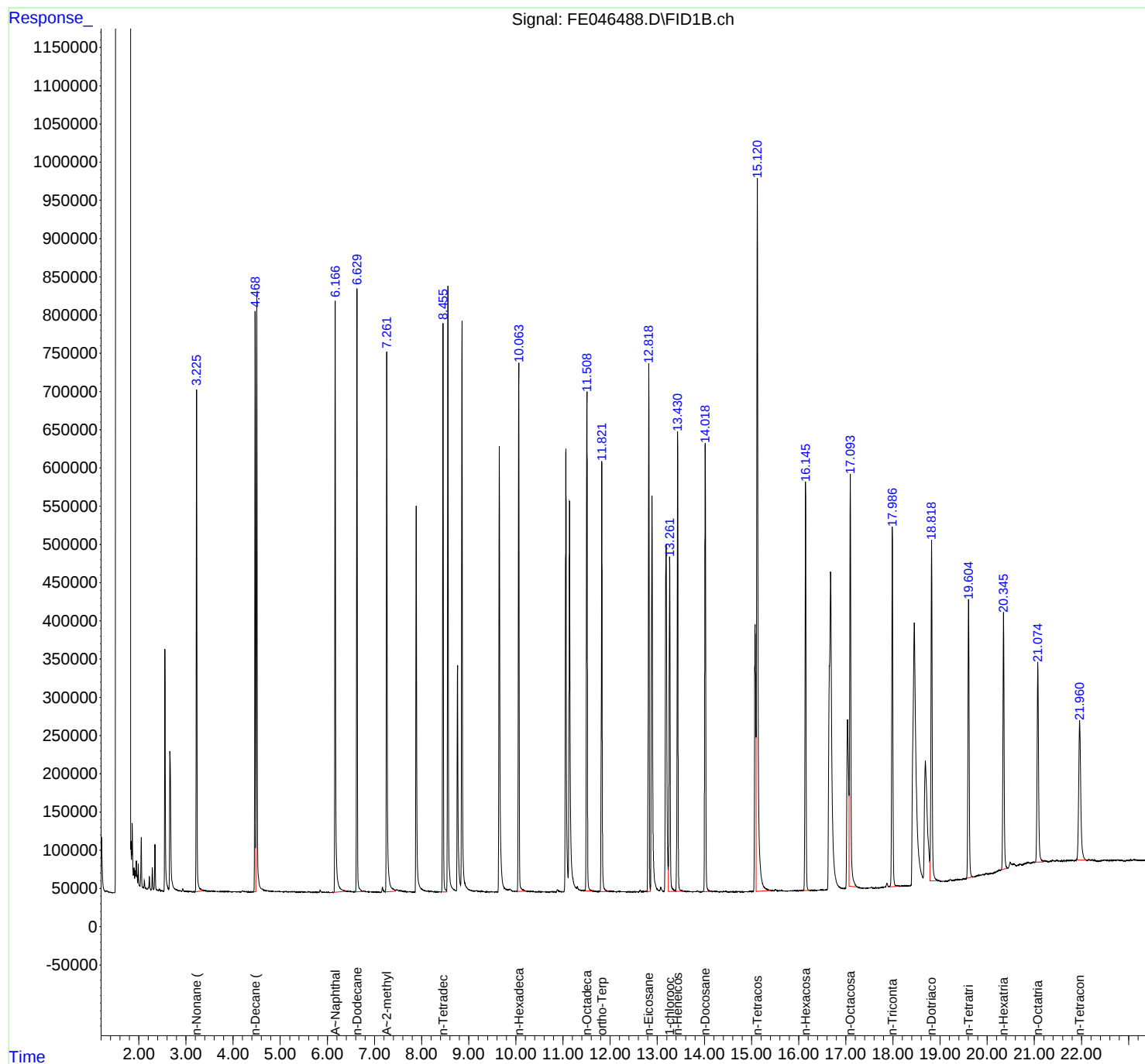
Response via : Initial Calibration

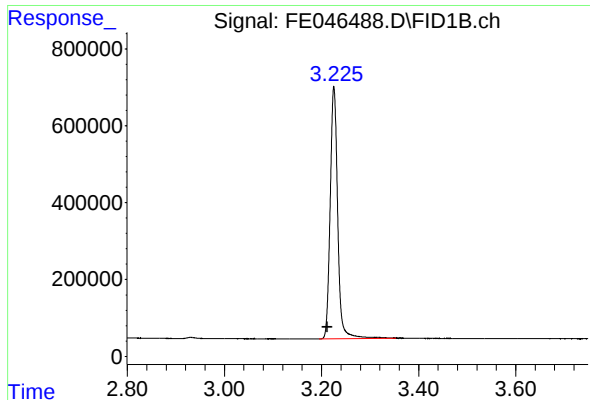
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





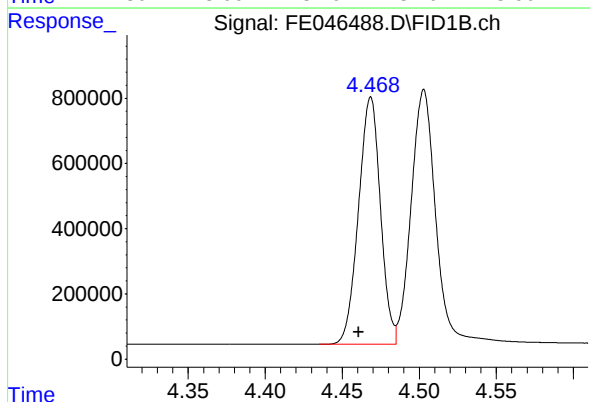
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: 0.014 min
Response: 7027237
Conc: 43.50 ug/ml

Instrument :
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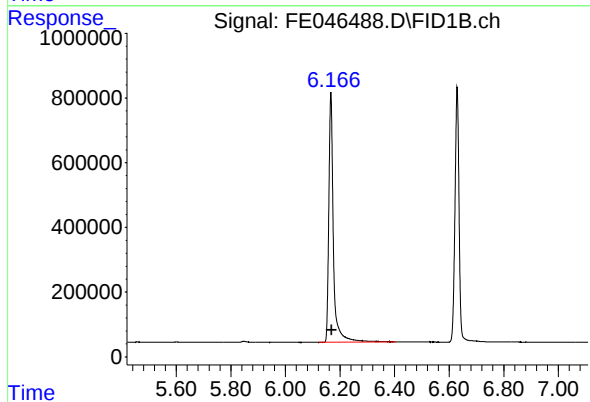
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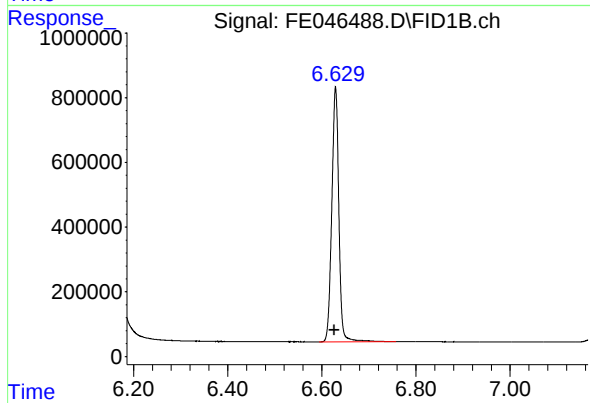
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: 0.008 min
Response: 7508003
Conc: 45.81 ug/ml



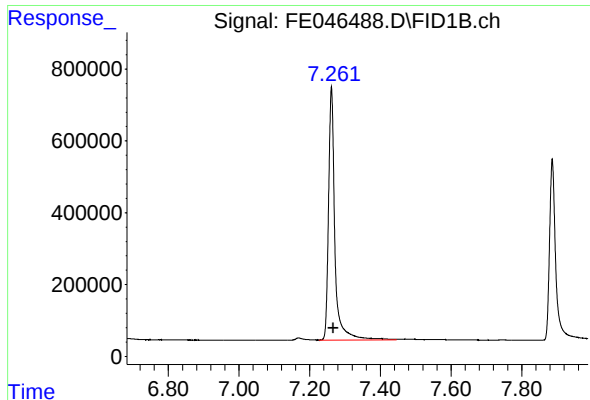
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.002 min
Response: 9025883
Conc: 52.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 8172291
Conc: 49.41 ug/ml



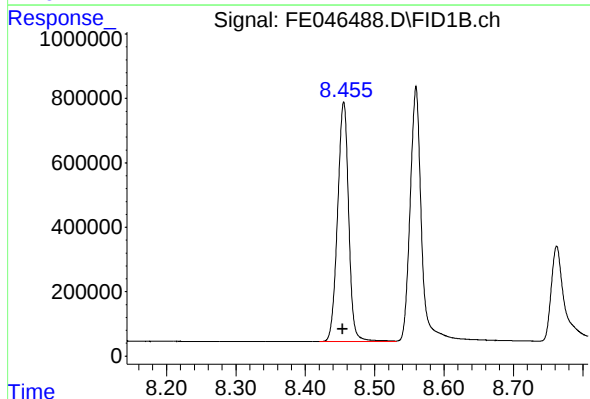
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.006 min
Response: 8791954
Conc: 55.13 ug/ml

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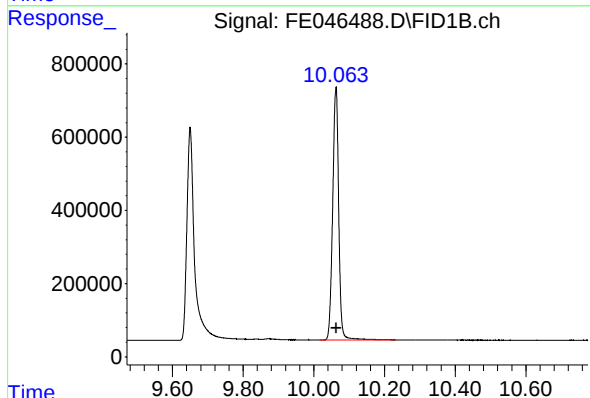
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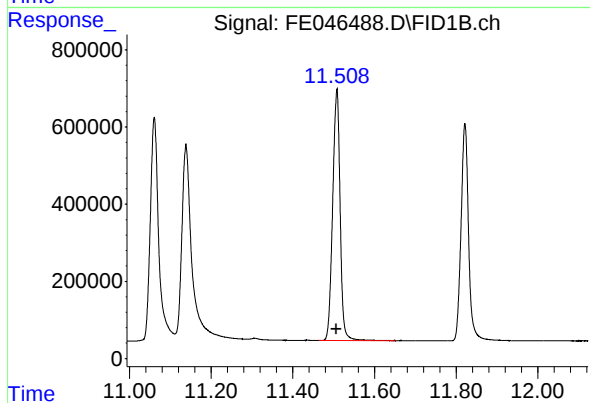
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: 0.001 min
Response: 8238956
Conc: 50.27 ug/ml



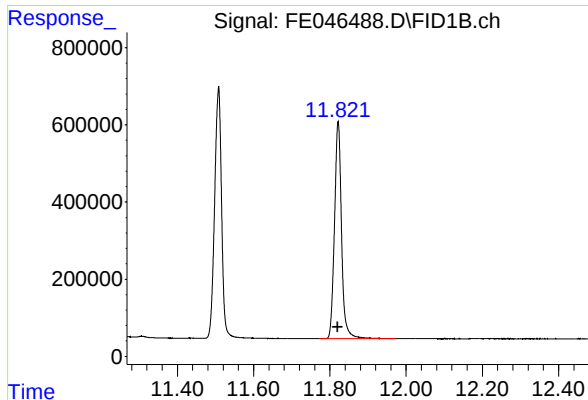
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.001 min
Response: 8165917
Conc: 47.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: 0.002 min
Response: 8254759
Conc: 47.35 ug/ml



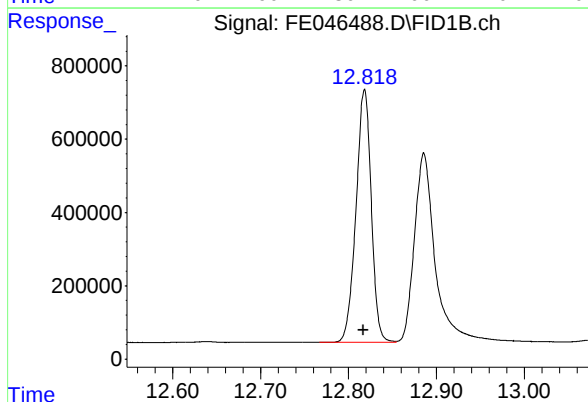
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: 0.001 min
Response: 7212563
Conc: 39.01 ug/ml

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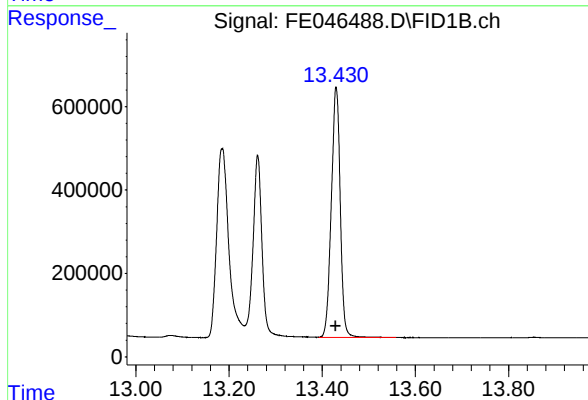
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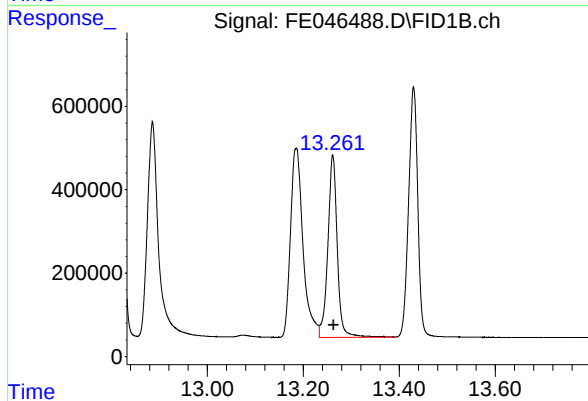
#10 n-Eicosane (C20)

R.T.: 12.818 min
Delta R.T.: 0.001 min
Response: 8323219
Conc: 49.02 ug/ml



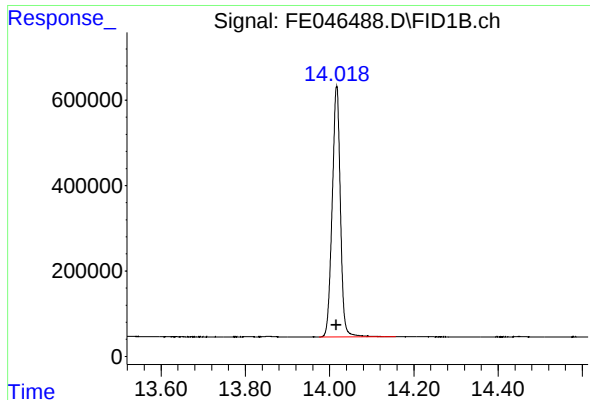
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: 0.000 min
Response: 8002030
Conc: 47.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.262 min
Delta R.T.: -0.002 min
Response: 5974033
Conc: 41.99 ug/ml



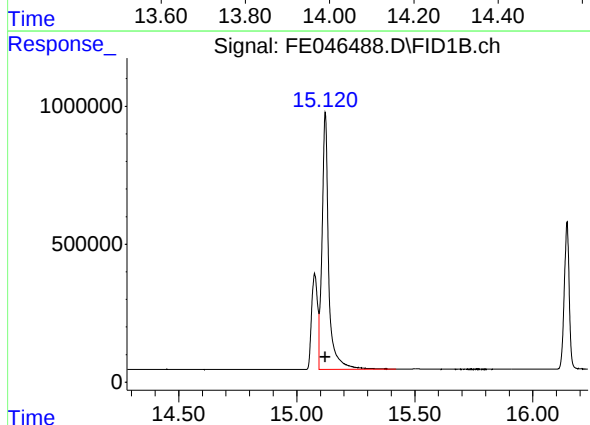
#13 n-Docosane (C22)

R.T.: 14.017 min
Delta R.T.: 0.000 min
Response: 7911465
Conc: 47.76 ug/ml

Instrument :
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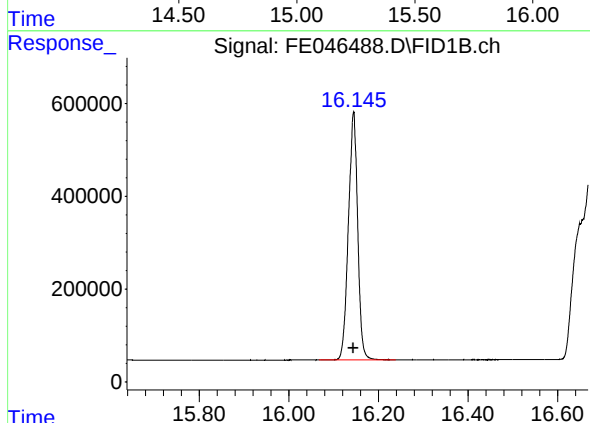
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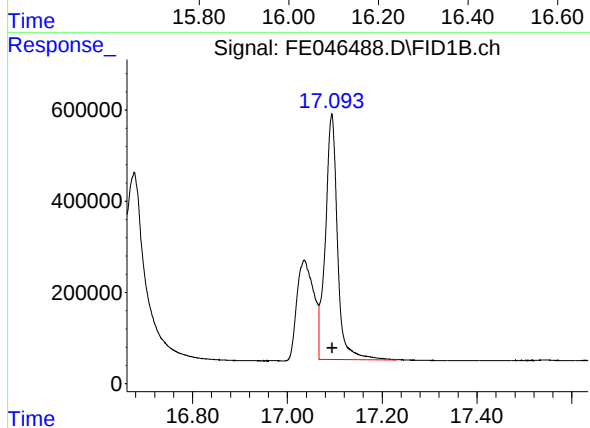
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 18201618
Conc: 110.31 ug/ml



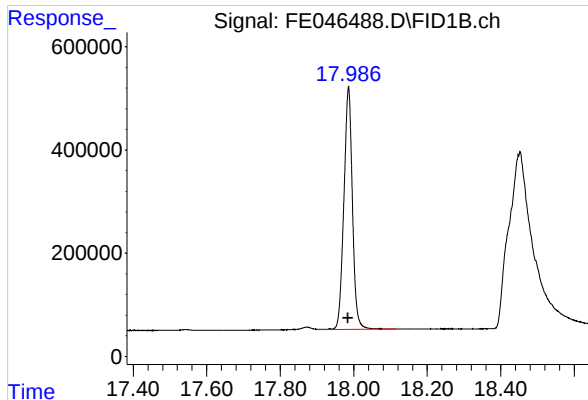
#15 n-Hexacosane (C26)

R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 7682661
Conc: 47.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.093 min
Delta R.T.: -0.001 min
Response: 9520509
Conc: 60.65 ug/ml m



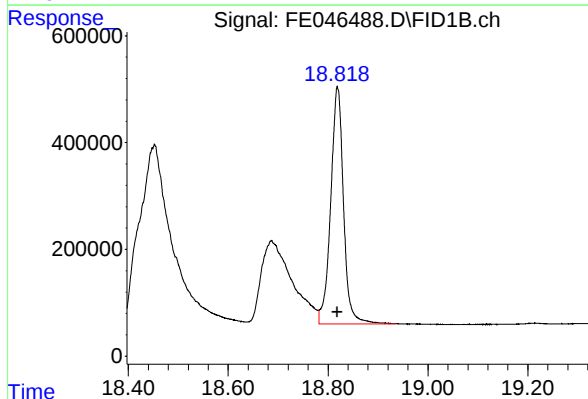
#17 n-Tricontane (C30)

R.T.: 17.986 min
Delta R.T.: 0.002 min
Response: 7583970
Conc: 48.42 ug/ml

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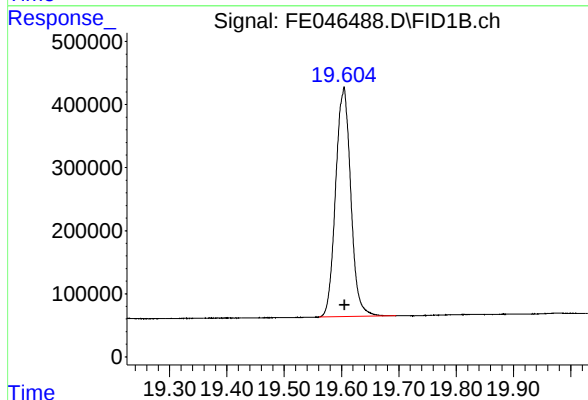
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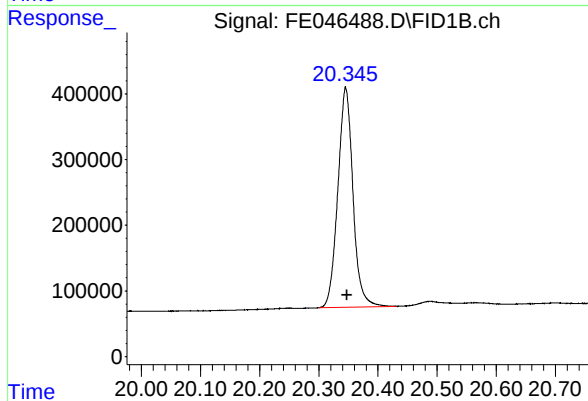
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: 0.000 min
Response: 7942693
Conc: 52.55 ug/ml m



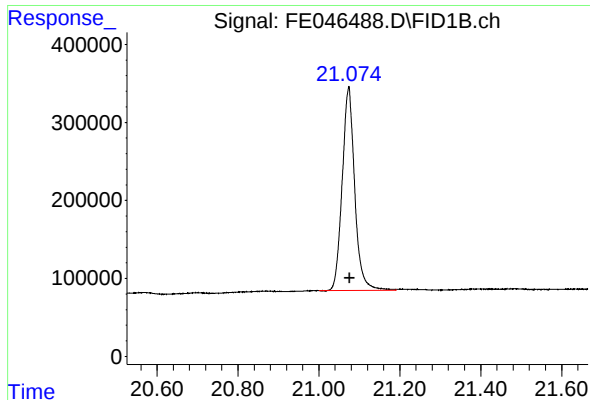
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: -0.001 min
Response: 6664856
Conc: 46.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.002 min
Response: 5945437
Conc: 43.13 ug/ml



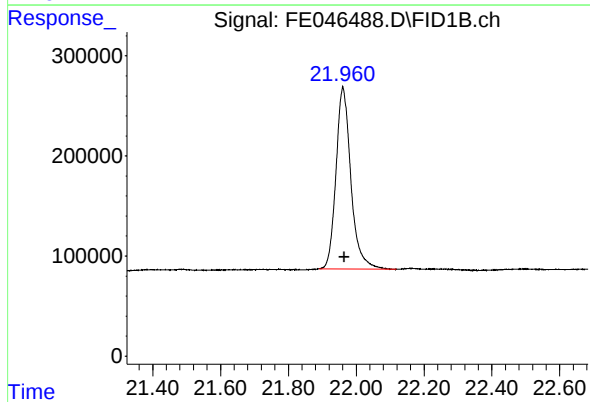
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.003 min
Response: 5619941
Conc: 43.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.004 min
Response: 5537496
Conc: 44.29 ug/ml