

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011524AL\
 Data File : FE046222.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2024 14:01
 Operator : YP\AJ
 Sample : PB158435BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB158435BS

Manual Integrations**APPROVED**

Reviewed By :Ankita Jodhani 01/16/2024

Supervised By :Sohil Jodhani 01/16/2024

Integration File: sample.E

Quant Time: Jan 16 02:33:52 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 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)	11.831	7649668	42.095 ug/ml
Spiked Amount 50.000		Recovery =	84.19%
12) S 1-chlorooctadecane (S...	13.273	6130142	45.881 ug/ml
Spiked Amount 50.000		Recovery =	91.76%
Target Compounds			
1) T n-Nonane (C9)	3.229	6033071	39.420 ug/ml
2) T n-Decane (C10)	4.473	6437095	41.477 ug/ml
3) T A~Naphthalene (C11.7)	6.171	7613665	45.781 ug/ml
4) T n-Dodecane (C12)	6.635	6972020	44.653 ug/ml
5) T A~2-methylnaphthalene...	7.266	7489874	47.044 ug/ml
6) T n-Tetradecane (C14)	8.462	7074633	45.416 ug/ml
7) T n-Hexadecane (C16)	10.070	7127161	45.007 ug/ml
8) T n-Octadecane (C18)	11.516	7228685	45.928 ug/ml
10) T n-Eicosane (C20)	12.829	7218060	47.714 ug/ml
11) T n-Heneicosane (C21)	13.440	6908455	46.980 ug/ml
13) T n-Docosane (C22)	14.027	6800110	46.521 ug/ml
14) T n-Tetracosane (C24)	15.130	15076326	103.951 ug/ml
15) T n-Hexacosane (C26)	16.158	6379090	44.495 ug/ml
16) T n-Octacosane (C28)	17.107	7819714	54.523 ug/mlm
17) T n-Tricontane (C30)	17.999	6225246	41.882 ug/ml
18) T n-Dotriacontane (C32)	18.832	6969493	46.599 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	6217373	43.400 ug/ml
20) T n-Hexatriacontane (C36)	20.363	6010654	41.225 ug/ml
21) T n-Octatriacontane (C38)	21.093	6784094	46.007 ug/ml
22) T n-Tetracontane (C40)	21.994	7140351	45.618 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB158435BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

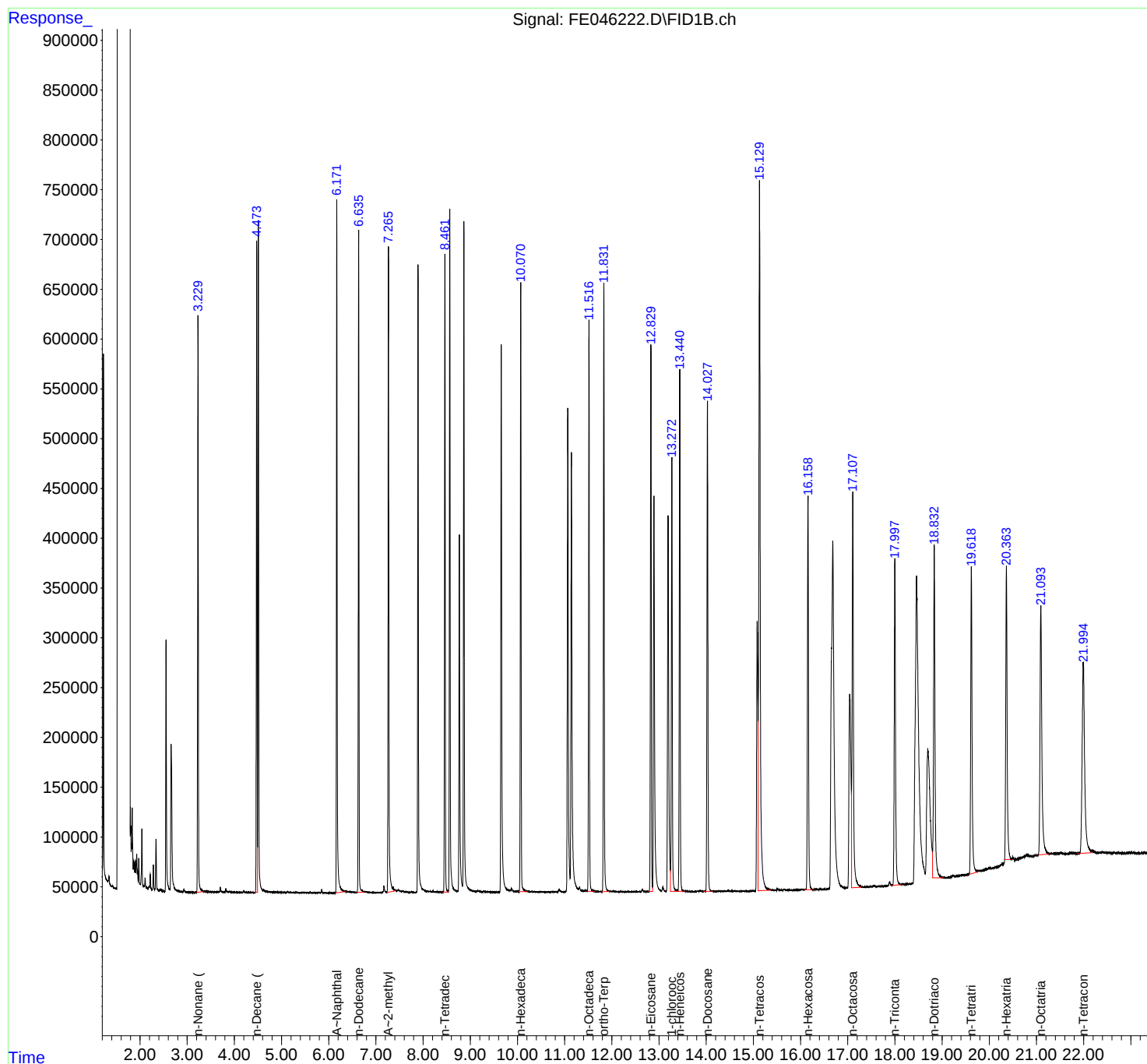
Instrument :
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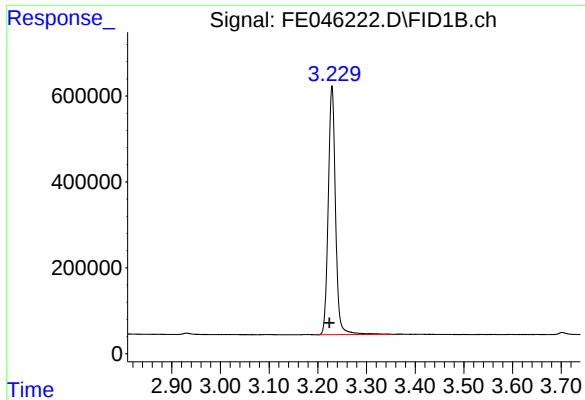
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Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:49:54 2023
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: 0.005 min
Response: 6033071
Conc: 39.42 ug/ml

Instrument :

FID_E

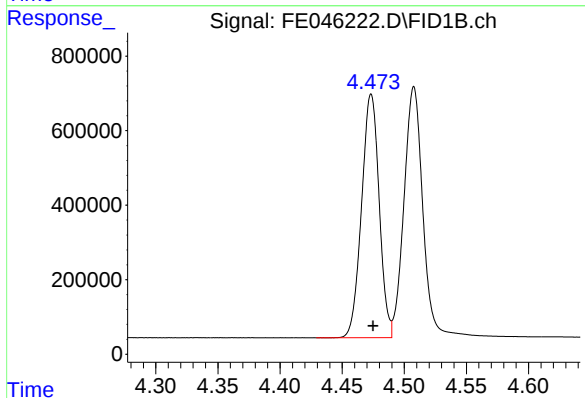
ClientSampleId :

PB158435BS

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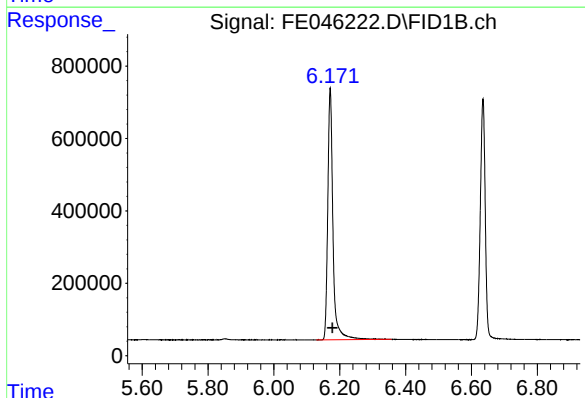
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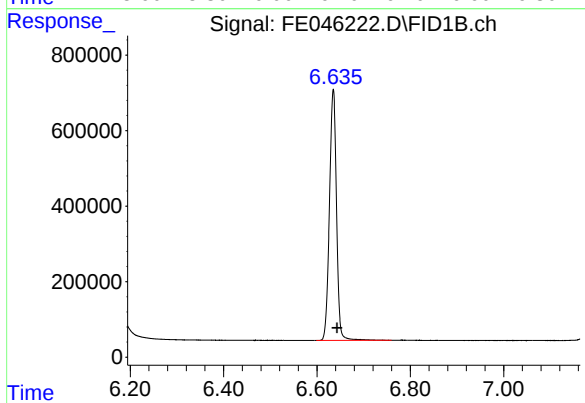
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 6437095
Conc: 41.48 ug/ml



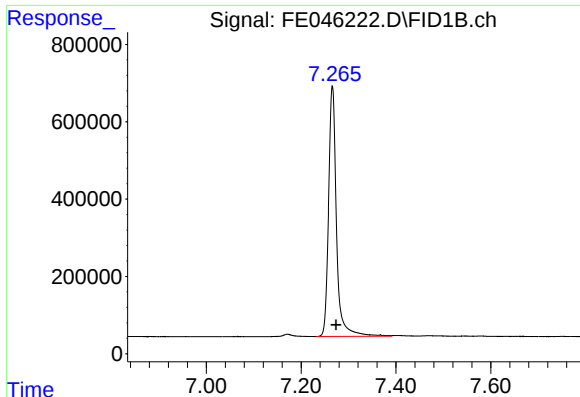
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 7613665
Conc: 45.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 6972020
Conc: 44.65 ug/ml



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

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 7489874
Conc: 47.04 ug/ml

Instrument :

FID_E

ClientSampleId :

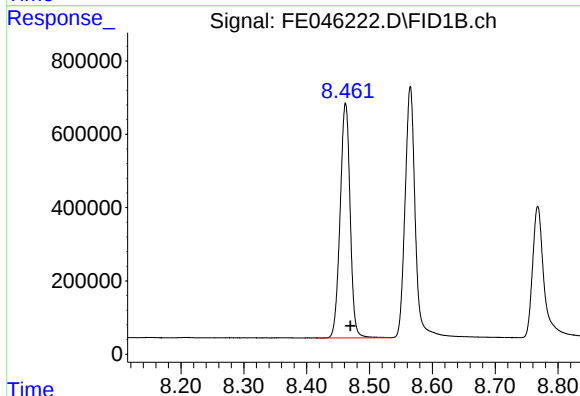
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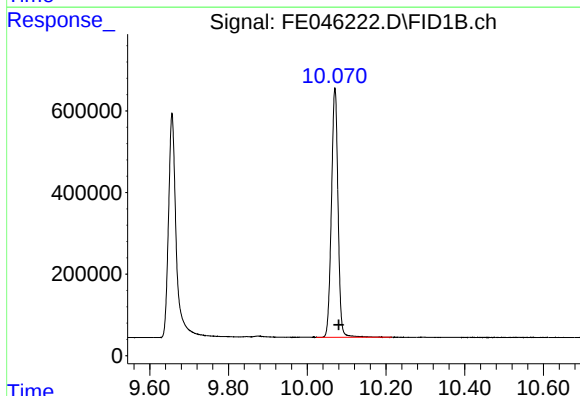
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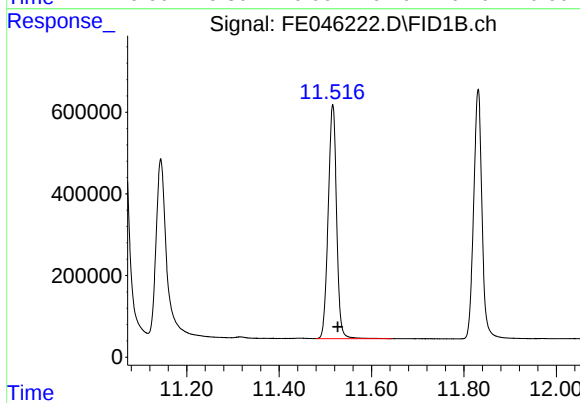
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.008 min
Response: 7074633
Conc: 45.42 ug/ml



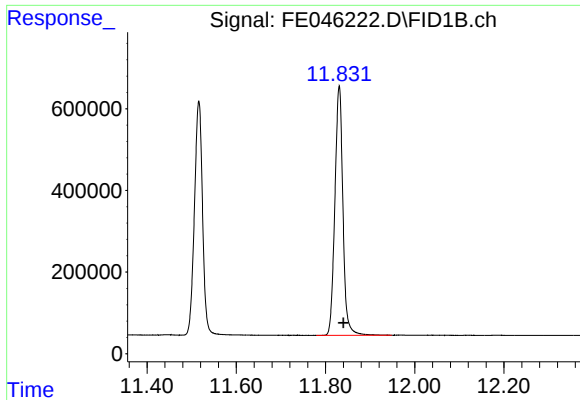
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.010 min
Response: 7127161
Conc: 45.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 7228685
Conc: 45.93 ug/ml



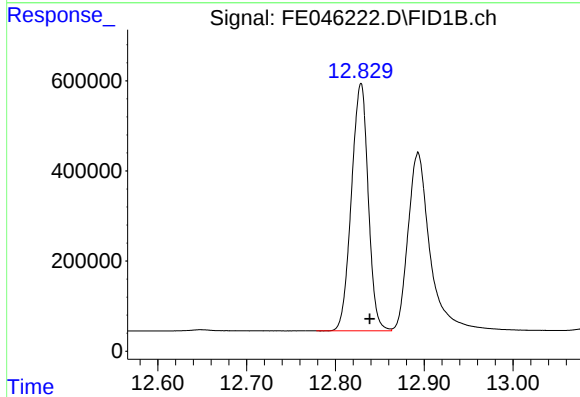
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.009 min
Response: 7649668
Conc: 42.09 ug/ml

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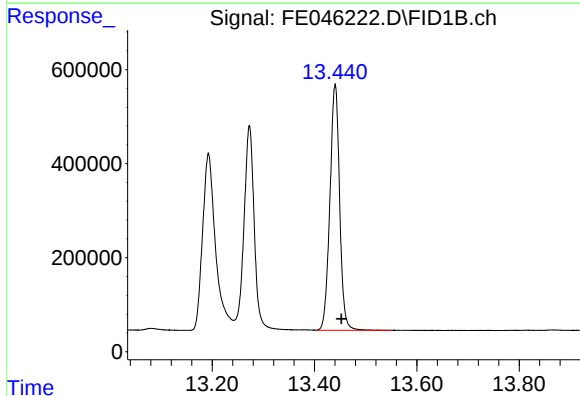
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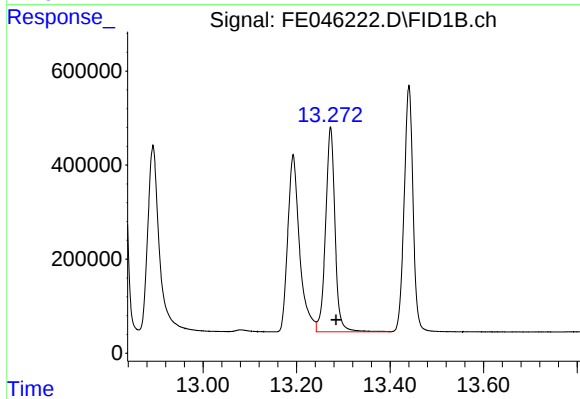
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.010 min
Response: 7218060
Conc: 47.71 ug/ml



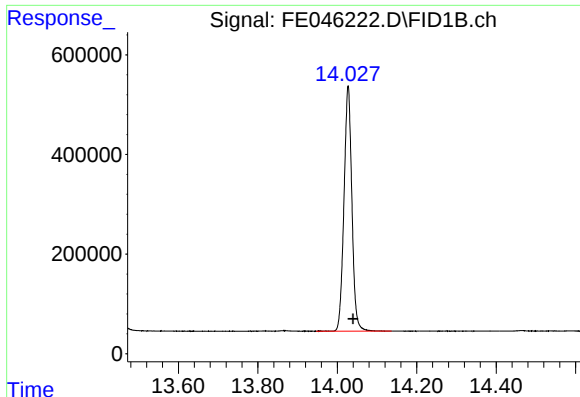
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.012 min
Response: 6908455
Conc: 46.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.012 min
Response: 6130142
Conc: 45.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.012 min
Response: 6800110
Conc: 46.52 ug/ml

Instrument :

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ClientSampleId :

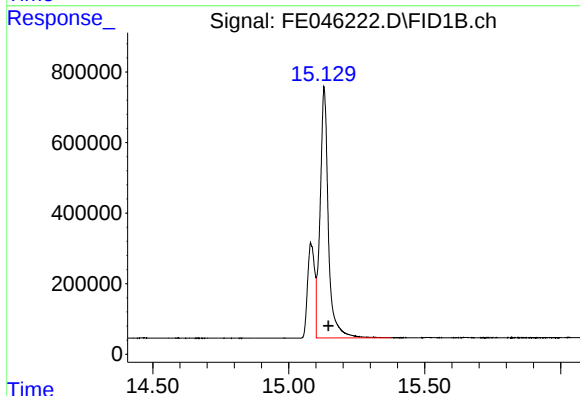
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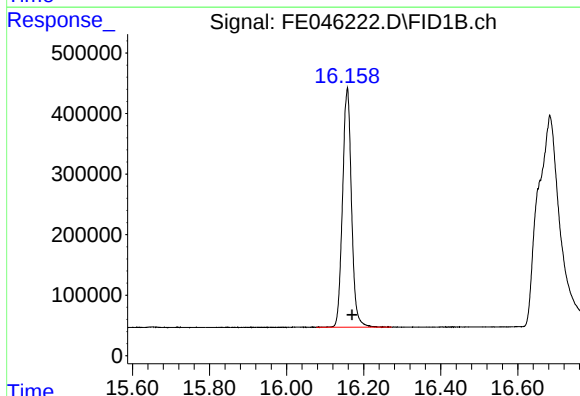
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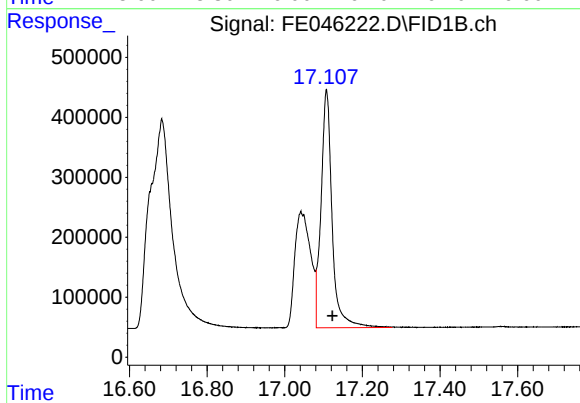
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.016 min
Response: 15076326
Conc: 103.95 ug/ml



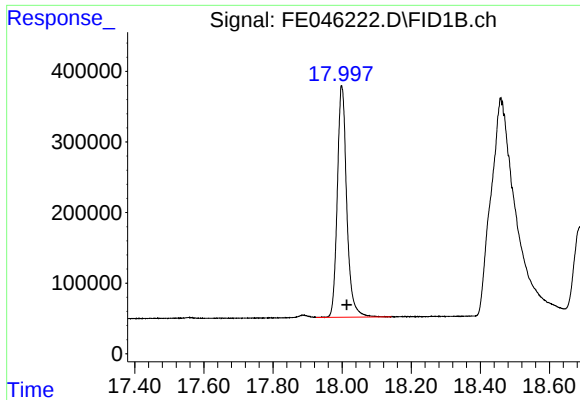
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.012 min
Response: 6379090
Conc: 44.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.016 min
Response: 7819714
Conc: 54.52 ug/ml m



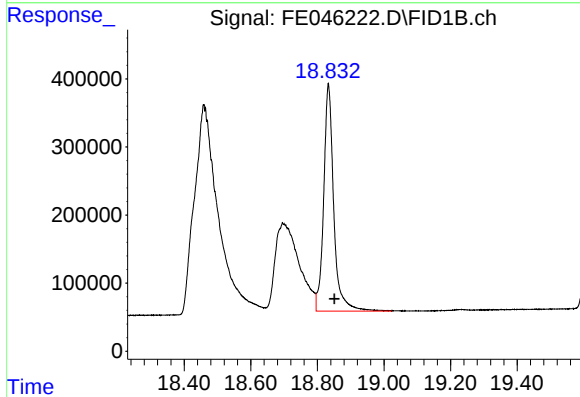
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.015 min
Response: 6225246
Conc: 41.88 ug/ml

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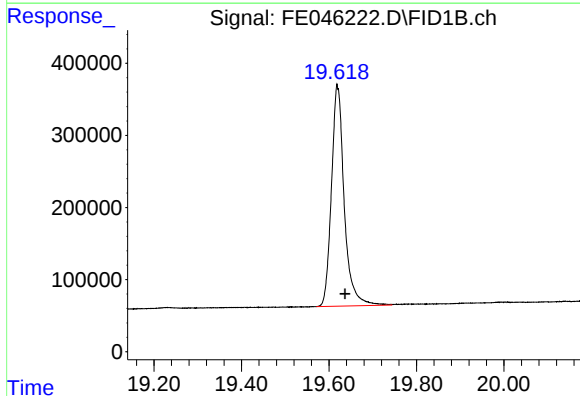
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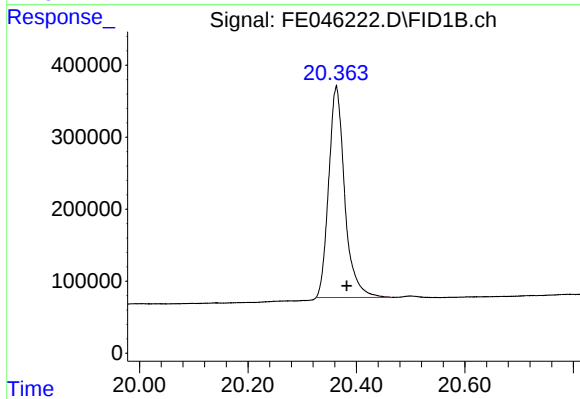
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.019 min
Response: 6969493
Conc: 46.60 ug/ml m



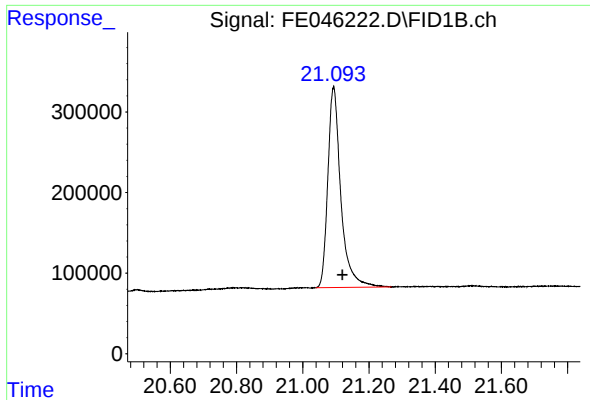
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.018 min
Response: 6217373
Conc: 43.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 6010654
Conc: 41.23 ug/ml



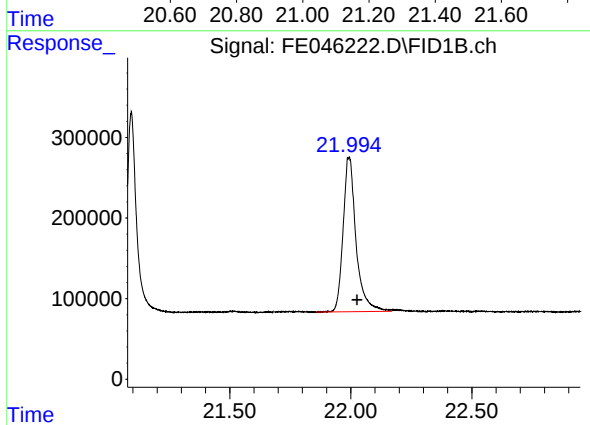
#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.026 min
Response: 6784094
Conc: 46.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.031 min
Response: 7140351
Conc: 45.62 ug/ml