

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112223AL\
 Data File : FE045498.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2023 15:07
 Operator : YP\AJ
 Sample : PB157372BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157372BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/24/2023

Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e

Quant Time: Nov 22 22:46:06 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.874	6929992	36.296 ug/ml
Spiked Amount 50.000		Recovery =	72.59%
12) S 1-chlorooctadecane (S...	13.315	5304588	38.512 ug/ml
Spiked Amount 50.000		Recovery =	77.02%
Target Compounds			
1) T n-Nonane (C9)	3.267	6337693	38.364 ug/ml
2) T n-Decane (C10)	4.515	7264290	43.322 ug/ml
3) T A~Naphthalene (C11.7)	6.211	8044242	45.066 ug/ml
4) T n-Dodecane (C12)	6.677	7792974	46.144 ug/ml
5) T A~2-methylnaphthalene...	7.307	7878913	45.883 ug/ml
6) T n-Tetradecane (C14)	8.506	7870352	47.222 ug/ml
7) T n-Hexadecane (C16)	10.114	7824844	46.520 ug/ml
8) T n-Octadecane (C18)	11.560	7768912	46.417 ug/ml
10) T n-Eicosane (C20)	12.873	7647287	48.276 ug/ml
11) T n-Heneicosane (C21)	13.485	7251653	47.163 ug/ml
13) T n-Docosane (C22)	14.073	7157575	47.240 ug/ml
14) T n-Tetracosane (C24)	15.158	14340250	96.821 ug/mlm
15) T n-Hexacosane (C26)	16.203	7015109	48.129 ug/ml
16) T n-Octacosane (C28)	17.154	7385516	50.541 ug/ml
17) T n-Tricontane (C30)	18.044	7634386	50.260 ug/ml
18) T n-Dotriacontane (C32)	18.879	8021136	51.345 ug/ml
19) T n-Tetratriacontane (C34)	19.664	7777361	49.811 ug/ml
20) T n-Hexatriacontane (C36)	20.406	7708987	47.493 ug/ml
21) T n-Octatriacontane (C38)	21.142	7554454	45.470 ug/ml
22) T n-Tetracontane (C40)	22.050	7427243	43.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 15 Sample Multiplier: 1

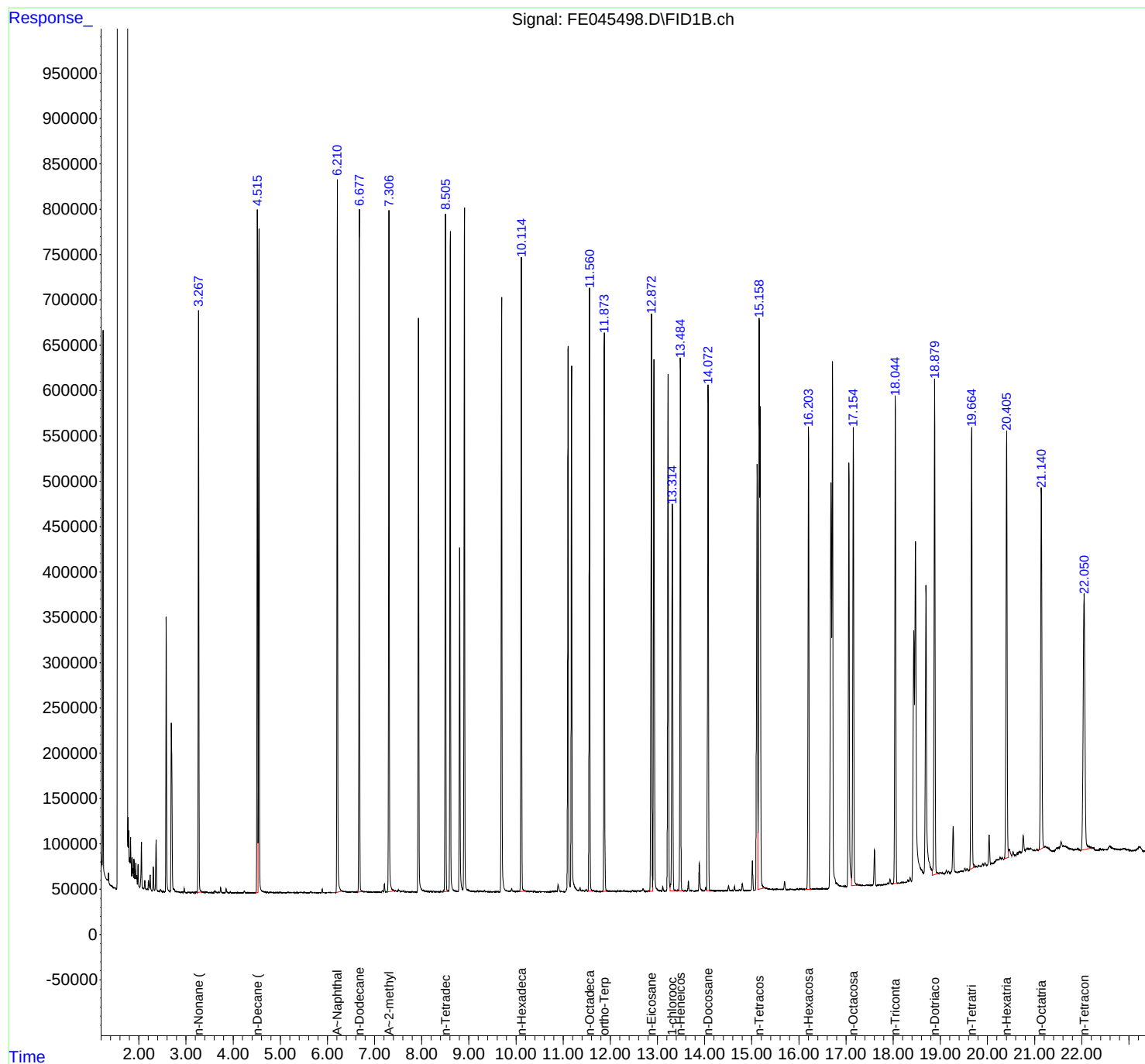
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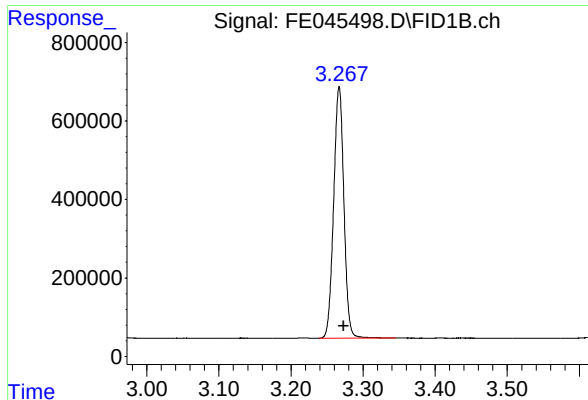
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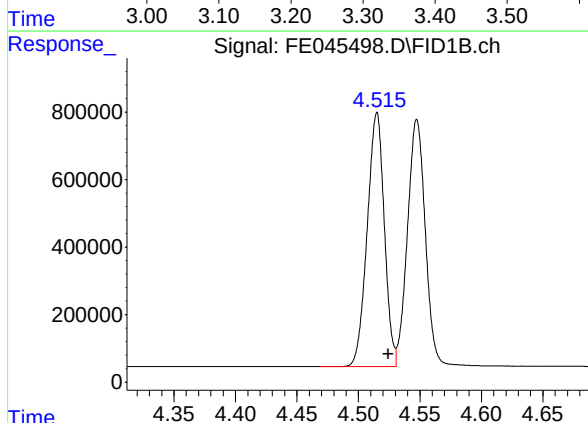
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.006 min
Response: 6337693
Conc: 38.36 ug/ml

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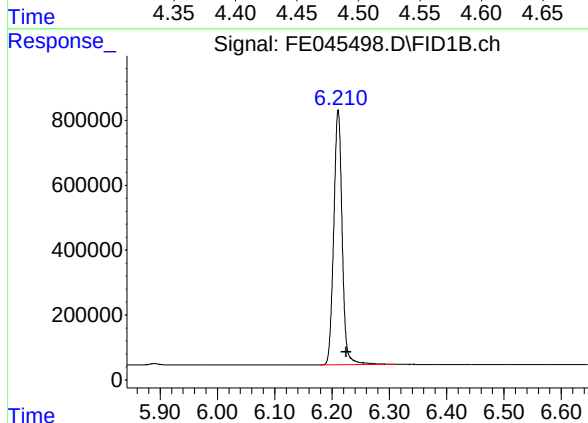
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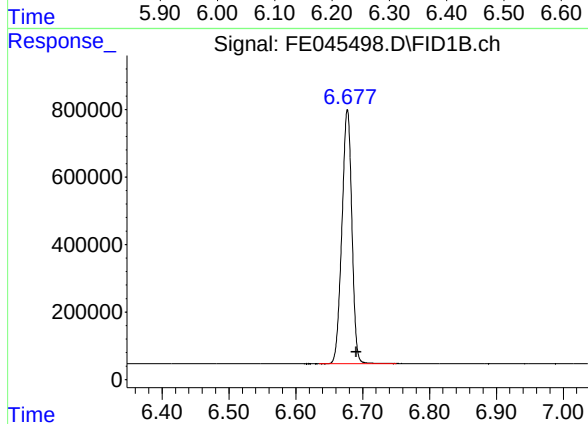
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 7264290
Conc: 43.32 ug/ml



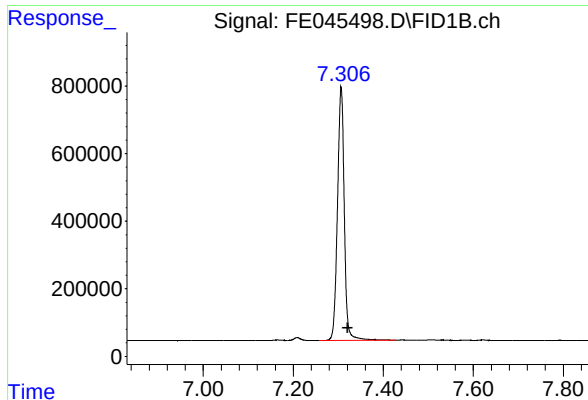
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.014 min
Response: 8044242
Conc: 45.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.013 min
Response: 7792974
Conc: 46.14 ug/ml



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

R.T.: 7.307 min
Delta R.T.: -0.014 min
Response: 7878913
Conc: 45.88 ug/ml

Instrument :

FID_E

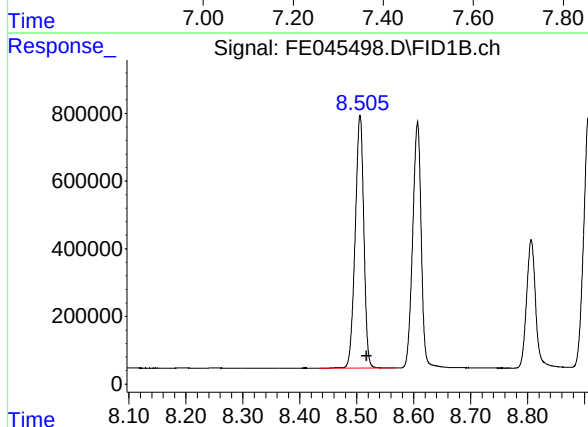
ClientSampleId :

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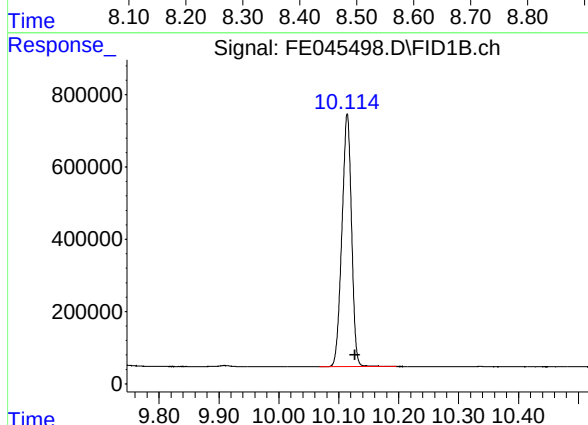
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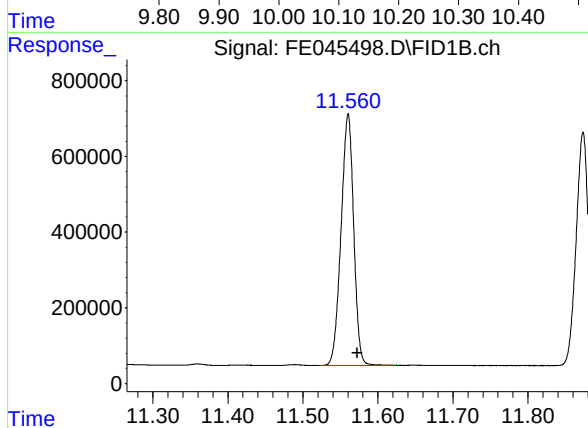
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.012 min
Response: 7870352
Conc: 47.22 ug/ml



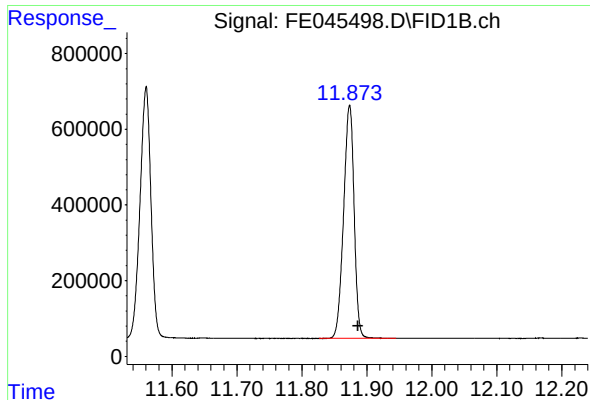
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.013 min
Response: 7824844
Conc: 46.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.013 min
Response: 7768912
Conc: 46.42 ug/ml



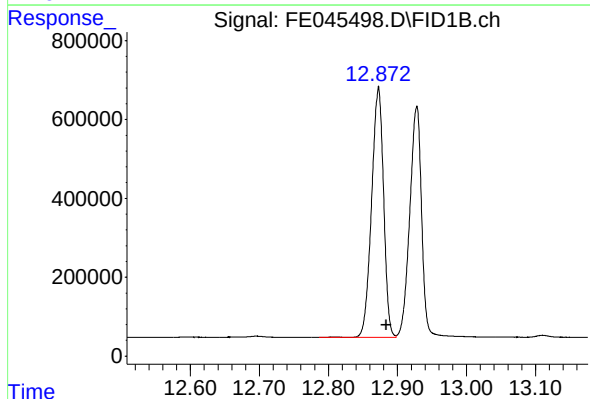
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.013 min
Response: 6929992
Conc: 36.30 ug/ml

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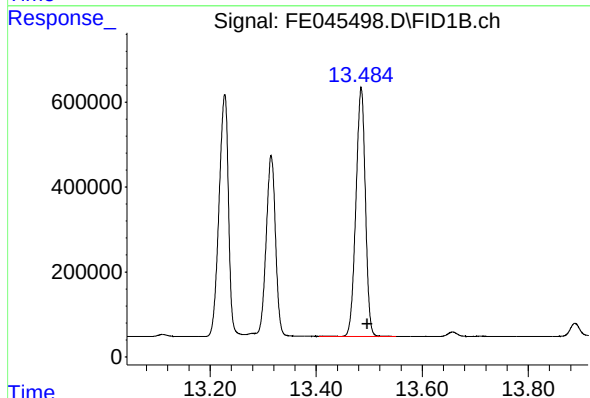
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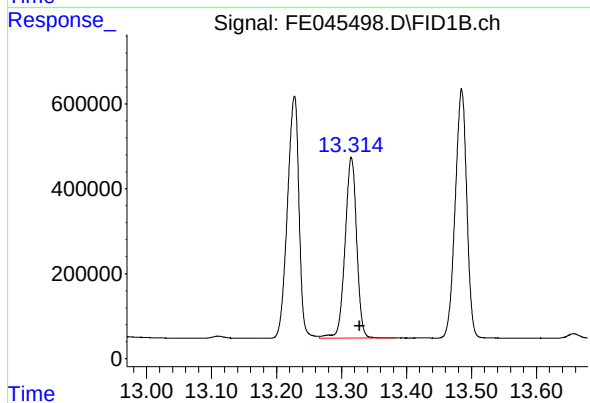
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.011 min
Response: 7647287
Conc: 48.28 ug/ml



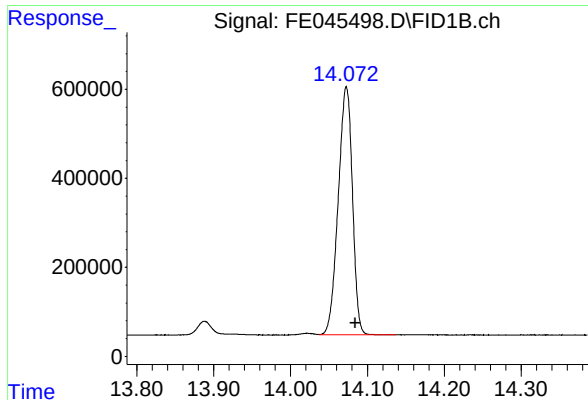
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.012 min
Response: 7251653
Conc: 47.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.013 min
Response: 5304588
Conc: 38.51 ug/ml



#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: -0.011 min
Response: 7157575
Conc: 47.24 ug/ml

Instrument :

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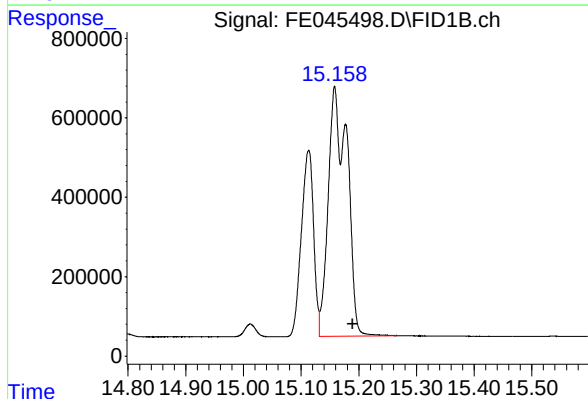
ClientSampleId :

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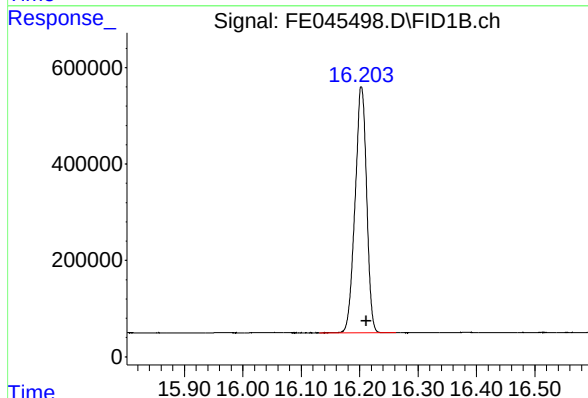
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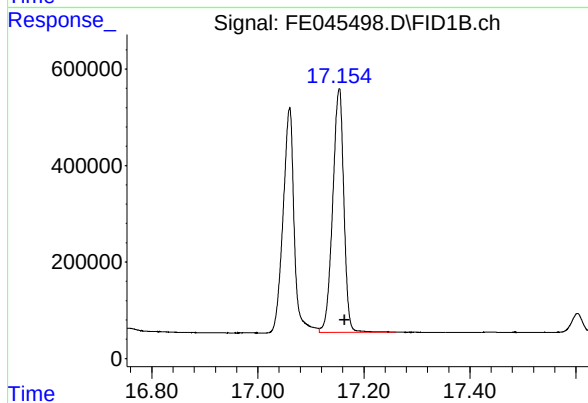
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: -0.032 min
Response: 14340250
Conc: 96.82 ug/ml m



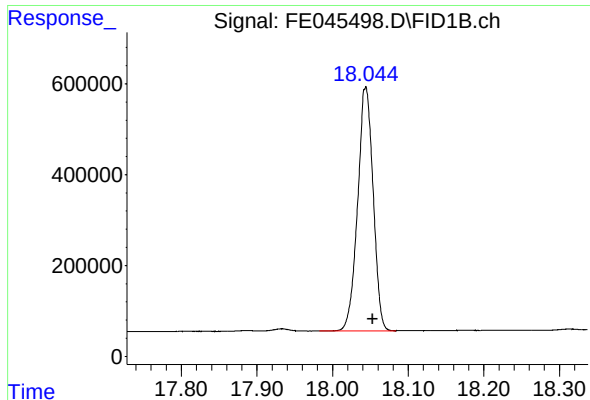
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.009 min
Response: 7015109
Conc: 48.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: -0.010 min
Response: 7385516
Conc: 50.54 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 7634386
Conc: 50.26 ug/ml

Instrument :

FID_E

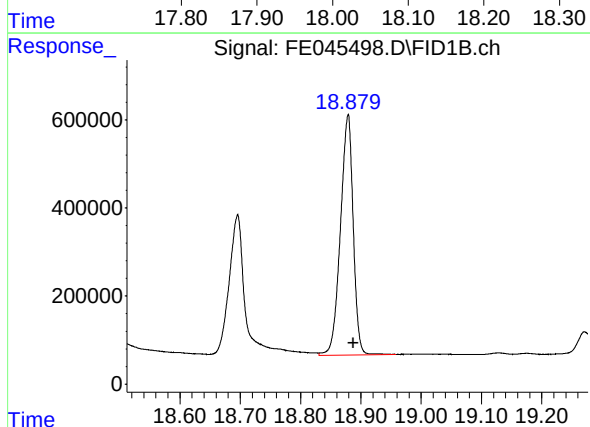
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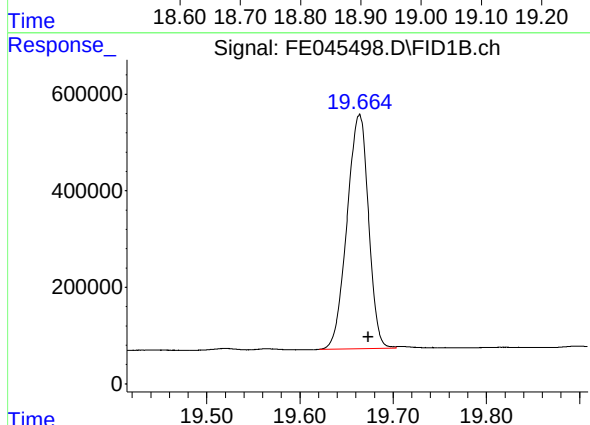
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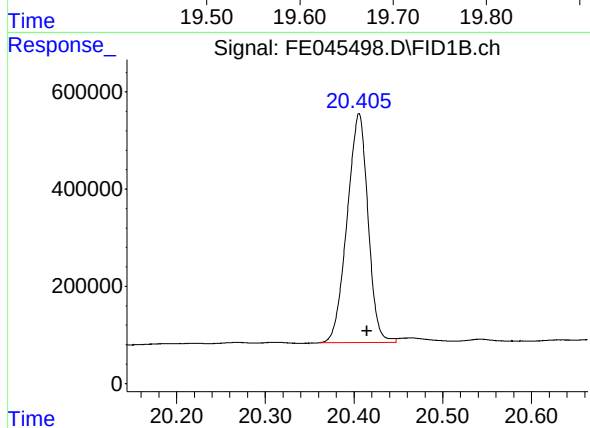
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.009 min
Response: 8021136
Conc: 51.34 ug/ml



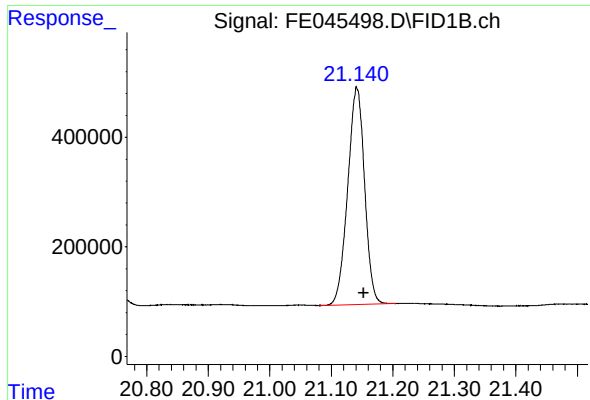
#19 n-Tetratriacontane (C34)

R.T.: 19.664 min
Delta R.T.: -0.009 min
Response: 7777361
Conc: 49.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.009 min
Response: 7708987
Conc: 47.49 ug/ml



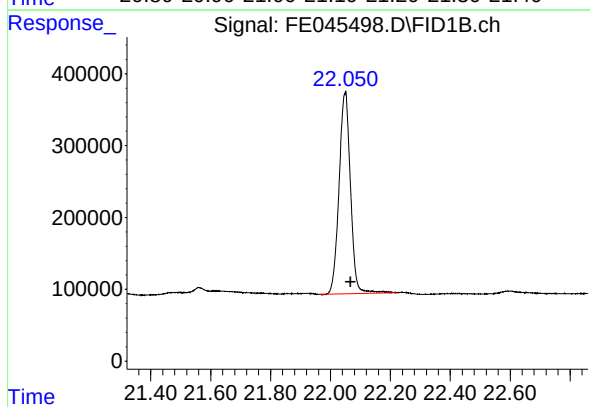
#21 n-Octatriacontane (C38)

R.T.: 21.142 min
Delta R.T.: -0.011 min
Response: 7554454
Conc: 45.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.017 min
Response: 7427243
Conc: 43.48 ug/ml