

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112223AL\
 Data File : FE045503.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2023 17:38
 Operator : YP\AJ
 Sample : 05517-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-AMS

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 22:46:53 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)	11.871	5147174	26.959 ug/ml
Spiked Amount 50.000		Recovery =	53.92%
12) S 1-chlorooctadecane (S...	13.313	3788377	27.504 ug/ml
Spiked Amount 50.000		Recovery =	55.01%
Target Compounds			
1) T n-Nonane (C9)	3.261	4995791	30.241 ug/ml
2) T n-Decane (C10)	4.511	5628503	33.567 ug/ml
3) T A~Naphthalene (C11.7)	6.210	8102505	45.392 ug/ml
4) T n-Dodecane (C12)	6.676	6232244	36.902 ug/ml
5) T A~2-methylnaphthalene...	7.306	6948203	40.463 ug/ml
6) T n-Tetradecane (C14)	8.505	6834274	41.006 ug/ml
7) T n-Hexadecane (C16)	10.113	7344420	43.664 ug/ml
8) T n-Octadecane (C18)	11.559	7568301	45.219 ug/ml
10) T n-Eicosane (C20)	12.871	7604203	48.004 ug/ml
11) T n-Heneicosane (C21)	13.484	7151679	46.513 ug/ml
13) T n-Docosane (C22)	14.071	7149097	47.184 ug/ml
14) T n-Tetracosane (C24)	15.157	14624748	98.742 ug/mlm
15) T n-Hexacosane (C26)	16.202	6805546	46.691 ug/ml
16) T n-Octacosane (C28)	17.152	7156847	48.976 ug/ml
17) T n-Tricontane (C30)	18.043	6858571	45.152 ug/ml
18) T n-Dotriacontane (C32)	18.875	6966908	44.596 ug/ml
19) T n-Tetratriacontane (C34)	19.662	6916534	44.298 ug/ml
20) T n-Hexatriacontane (C36)	20.404	6869585	42.322 ug/ml
21) T n-Octatriacontane (C38)	21.141	7019469	42.250 ug/ml
22) T n-Tetracontane (C40)	22.050	6888356	40.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

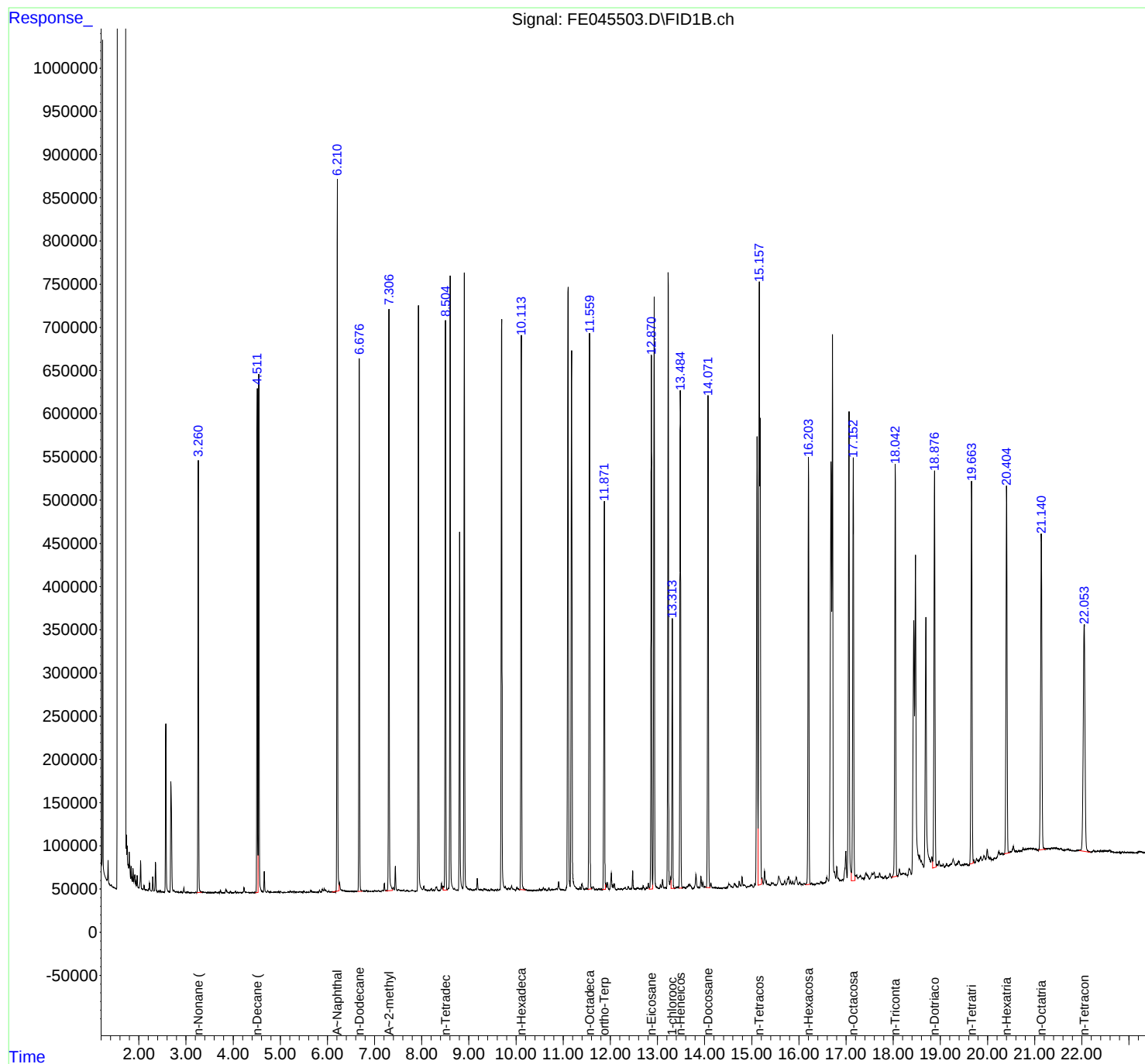
Instrument :
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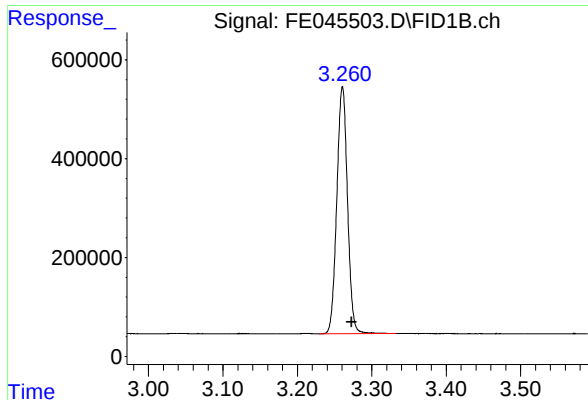
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#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.012 min
Response: 4995791
Conc: 30.24 ug/ml

Instrument :

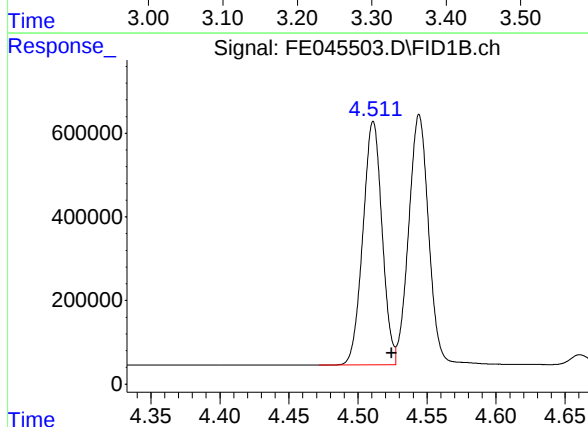
FID_E

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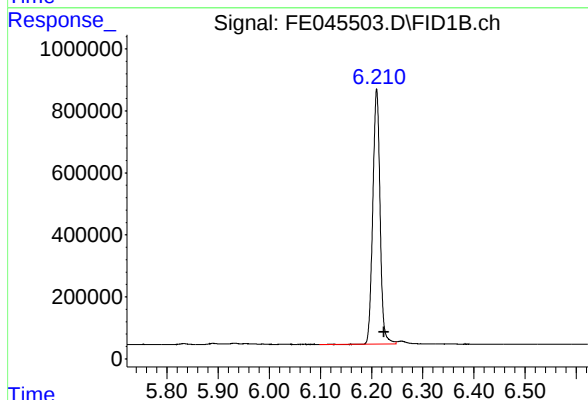
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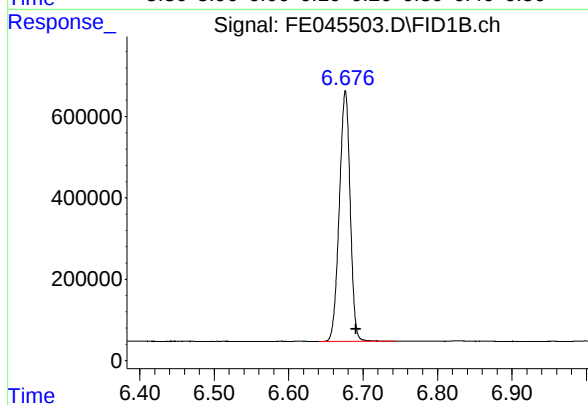
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.013 min
Response: 5628503
Conc: 33.57 ug/ml



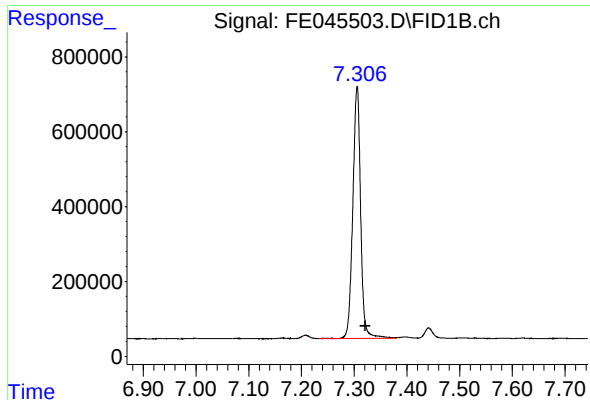
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.015 min
Response: 8102505
Conc: 45.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.676 min
Delta R.T.: -0.014 min
Response: 6232244
Conc: 36.90 ug/ml



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

R.T.: 7.306 min
Delta R.T.: -0.015 min
Response: 6948203
Conc: 40.46 ug/ml

Instrument :

FID_E

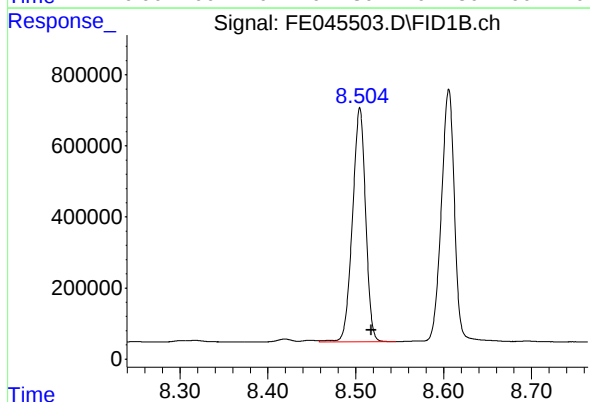
ClientSampleId :

TP-AMS

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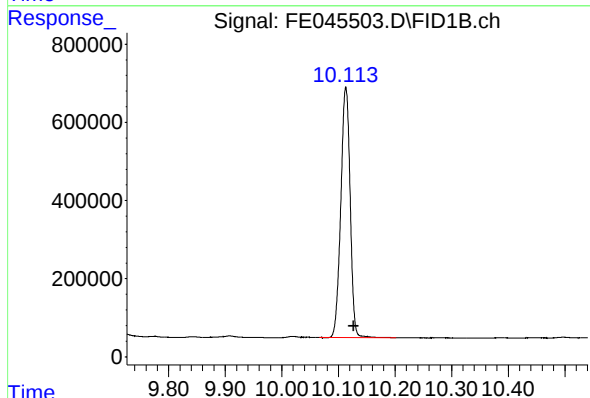
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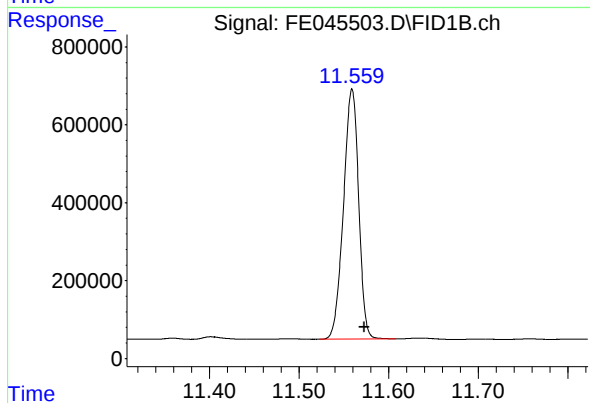
#6 n-Tetradecane (C14)

R.T.: 8.505 min
Delta R.T.: -0.013 min
Response: 6834274
Conc: 41.01 ug/ml



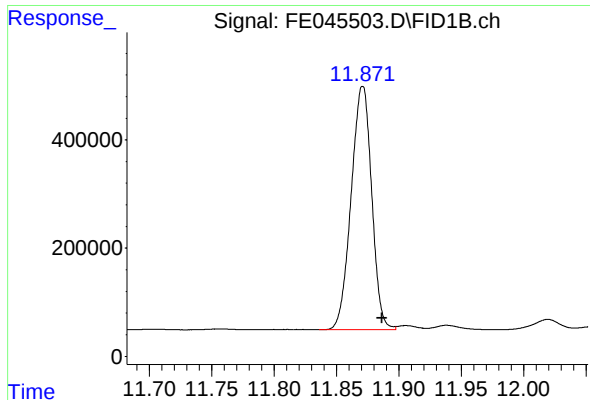
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.014 min
Response: 7344420
Conc: 43.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.014 min
Response: 7568301
Conc: 45.22 ug/ml



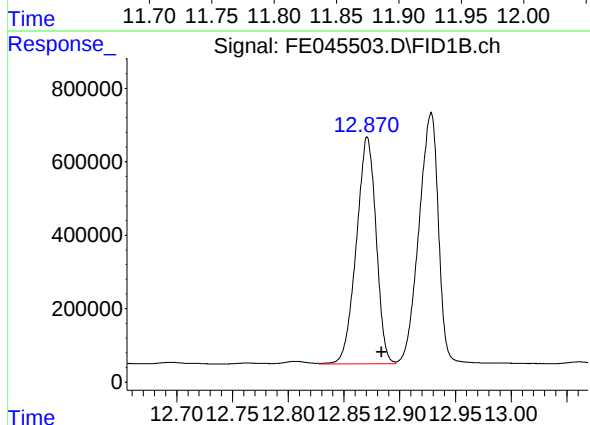
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.016 min
Response: 5147174
Conc: 26.96 ug/ml

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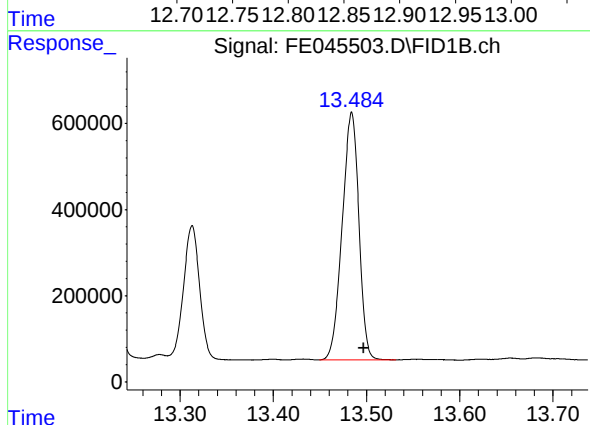
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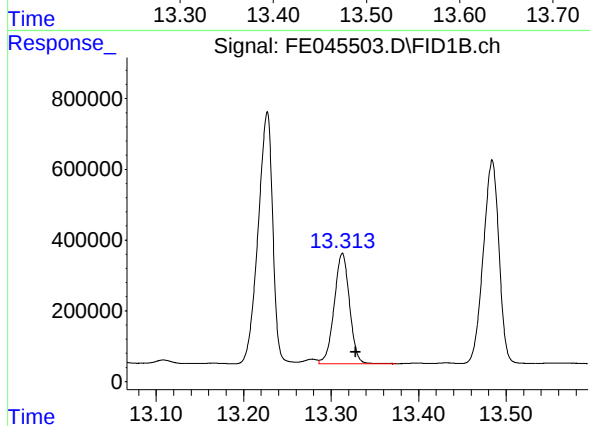
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.013 min
Response: 7604203
Conc: 48.00 ug/ml



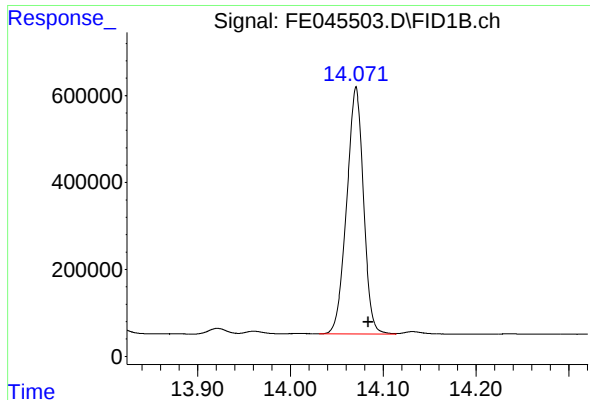
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: -0.013 min
Response: 7151679
Conc: 46.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.015 min
Response: 3788377
Conc: 27.50 ug/ml



#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: -0.013 min
Response: 7149097
Conc: 47.18 ug/ml

Instrument :

FID_E

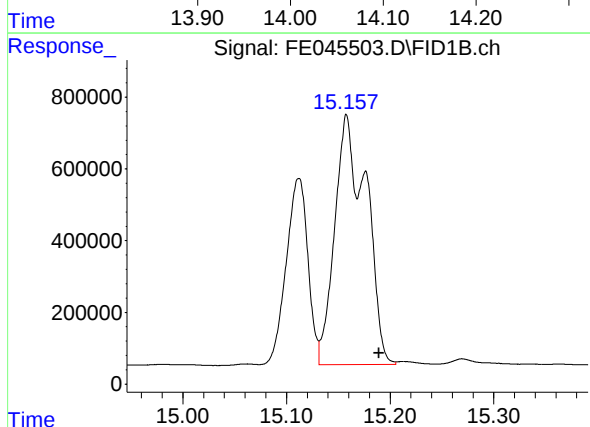
ClientSampleId :

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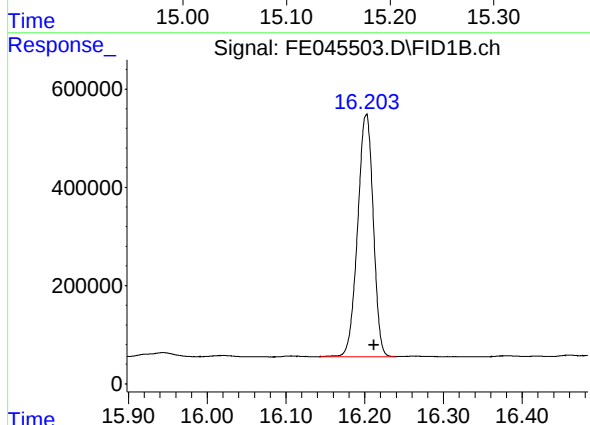
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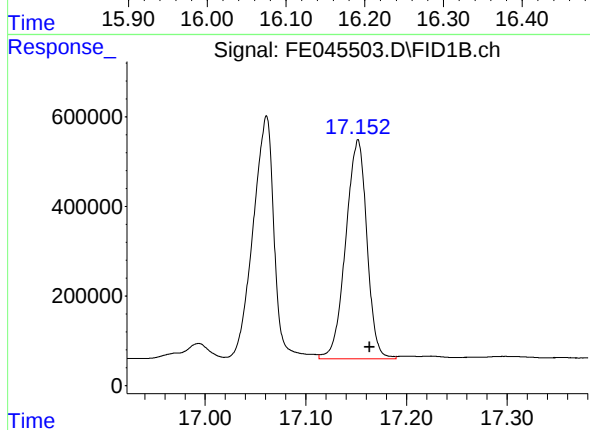
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: -0.032 min
Response: 14624748
Conc: 98.74 ug/ml m



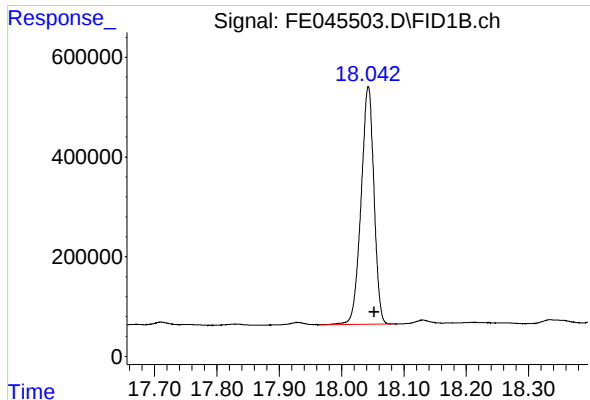
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.010 min
Response: 6805546
Conc: 46.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.012 min
Response: 7156847
Conc: 48.98 ug/ml



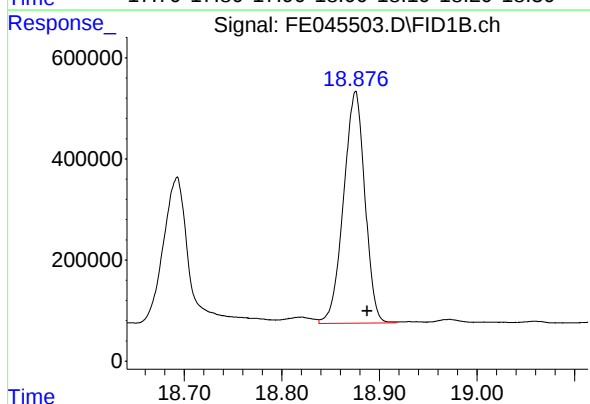
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 6858571
Conc: 45.15 ug/ml

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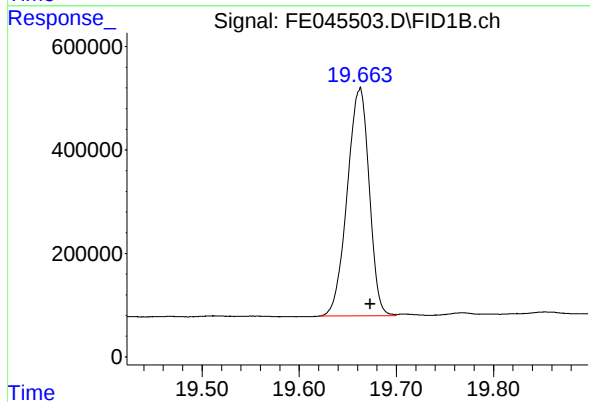
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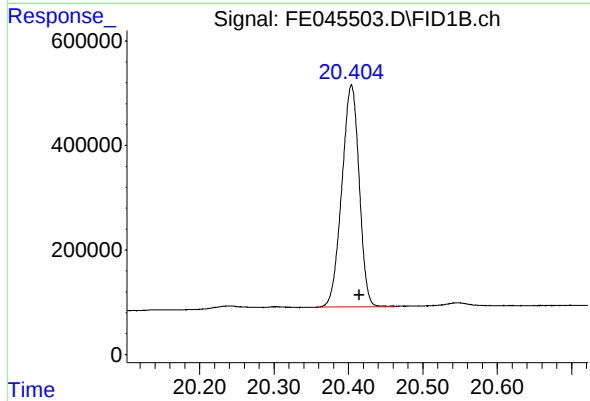
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.012 min
Response: 6966908
Conc: 44.60 ug/ml



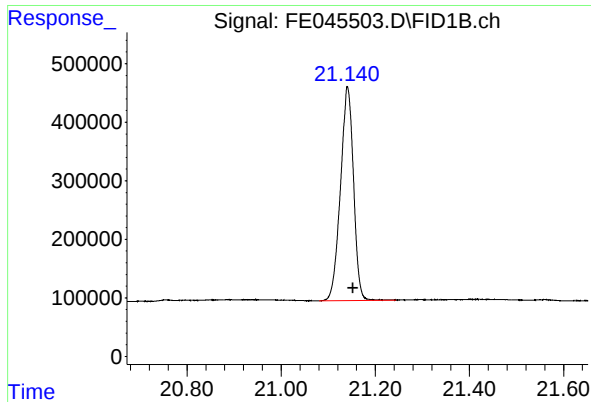
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.011 min
Response: 6916534
Conc: 44.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: -0.011 min
Response: 6869585
Conc: 42.32 ug/ml



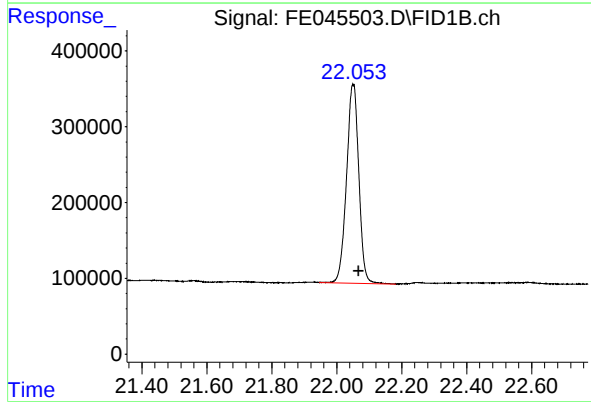
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: -0.011 min
Response: 7019469
Conc: 42.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.018 min
Response: 6888356
Conc: 40.33 ug/ml