

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049893.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 14:43
 Operator : YP\AJ
 Sample : PB163107BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163107BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/04/2024

Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e

Quant Time: Sep 04 01:32:32 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.881	7112604	43.983 ug/ml
Spiked Amount 50.000		Recovery =	87.97%
12) S 1-chlorooctadecane (S...	13.314	5557301	45.549 ug/ml
Spiked Amount 50.000		Recovery =	91.10%
Target Compounds			
1) T n-Nonane (C9)	3.281	6943436	44.868 ug/ml
2) T n-Decane (C10)	4.527	7486748	47.417 ug/ml
3) T A~Naphthalene (C11.7)	6.228	7791084	48.557 ug/ml
4) T n-Dodecane (C12)	6.689	7806585	49.657 ug/ml
5) T A~2-methylnaphthalene...	7.324	7476498	49.925 ug/ml
6) T n-Tetradecane (C14)	8.517	7815689	50.626 ug/ml
7) T n-Hexadecane (C16)	10.121	7682734	49.191 ug/ml
8) T n-Octadecane (C18)	11.563	7763944	49.435 ug/ml
10) T n-Eicosane (C20)	12.871	7737311	51.822 ug/ml
11) T n-Heneicosane (C21)	13.482	7522048	51.276 ug/ml
13) T n-Docosane (C22)	14.067	7385011	50.668 ug/ml
14) T n-Tetracosane (C24)	15.164	13928577	95.752 ug/ml
15) T n-Hexacosane (C26)	16.189	7231343	50.105 ug/ml
16) T n-Octacosane (C28)	17.136	7976161	55.375 ug/ml
17) T n-Tricontane (C30)	18.023	7439858	49.697 ug/ml
18) T n-Dotriacontane (C32)	18.854	7487818	49.496 ug/mlm
19) T n-Tetratriacontane (C34)	19.637	7984224	52.225 ug/ml
20) T n-Hexatriacontane (C36)	20.377	8426255	55.490 ug/mlm
21) T n-Octatriacontane (C38)	21.104	9451653	60.220 ug/ml
22) T n-Tetracontane (C40)	21.999	10414898	68.214 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163107BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

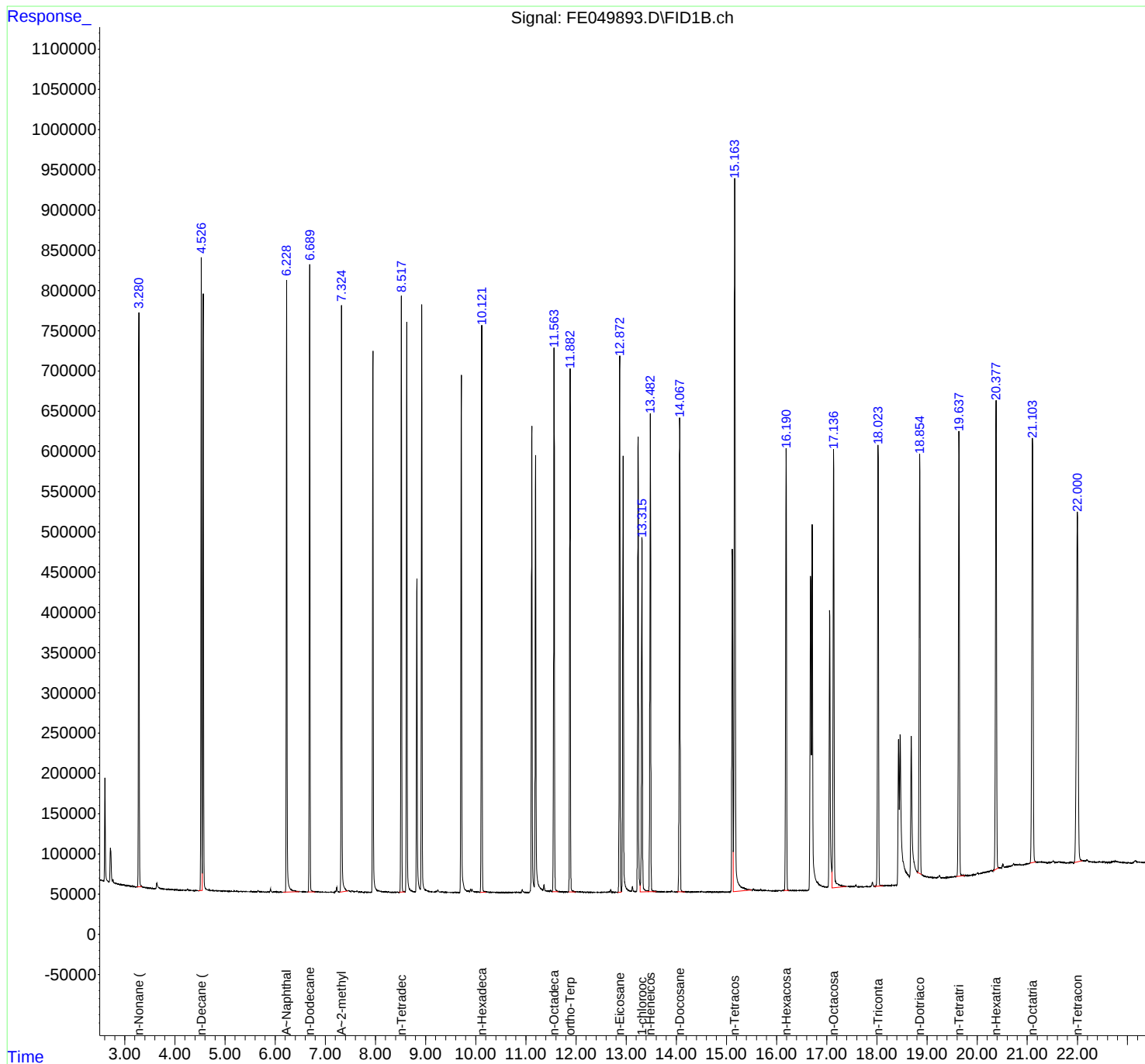
Instrument :
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PB163107BS

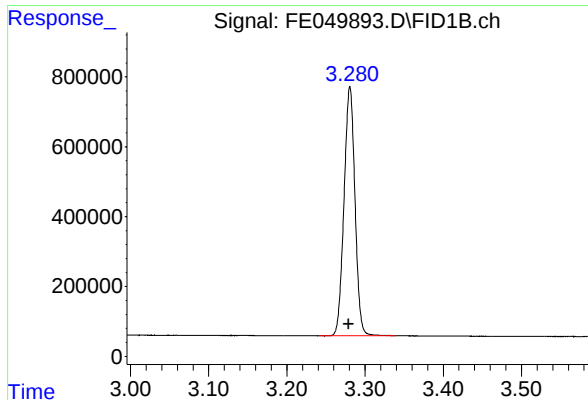
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Quant Title : GC Extractables
QLast Update : Wed Aug 14 11:05:17 2024
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.002 min
Response: 6943436
Conc: 44.87 ug/ml

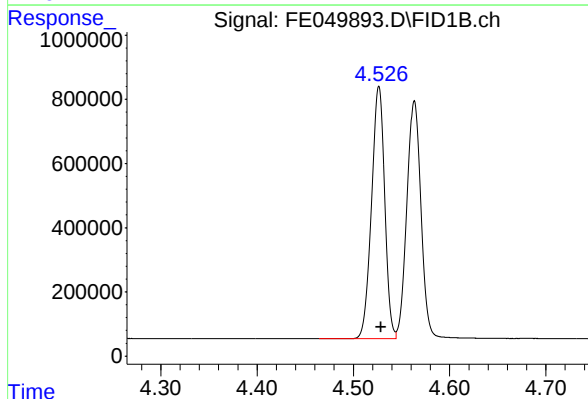
Instrument :

FID_E

ClientSampleId :
PB163107BS

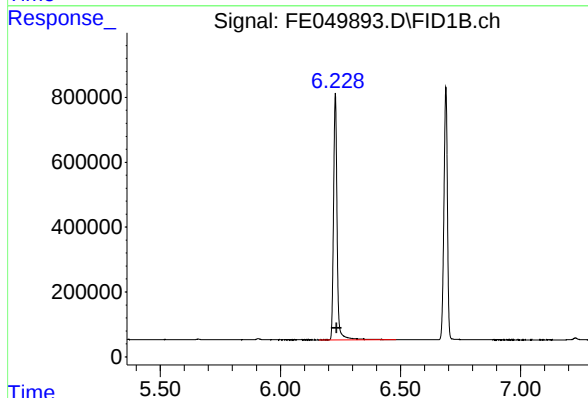
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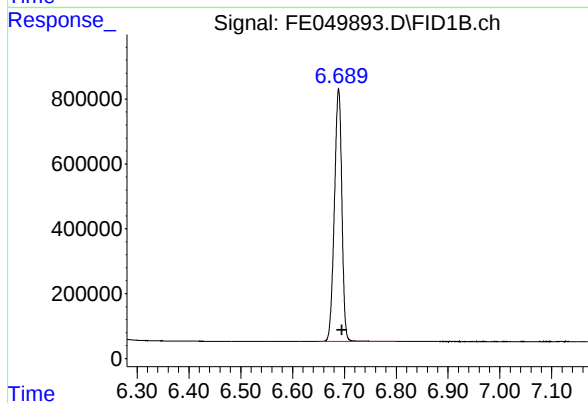
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 7486748
Conc: 47.42 ug/ml



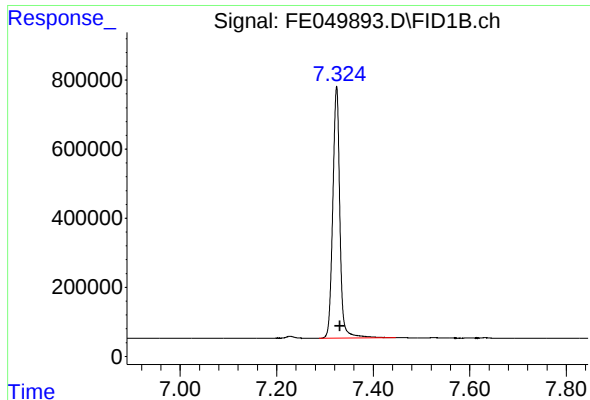
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.007 min
Response: 7791084
Conc: 48.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: -0.007 min
Response: 7806585
Conc: 49.66 ug/ml



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

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 7476498
Conc: 49.93 ug/ml

Instrument :

FID_E

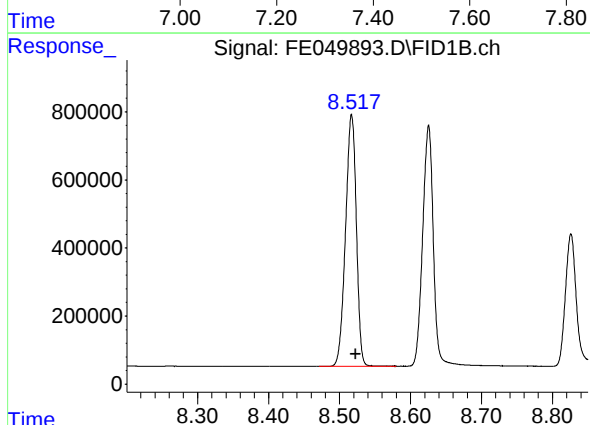
ClientSampleId :

PB163107BS

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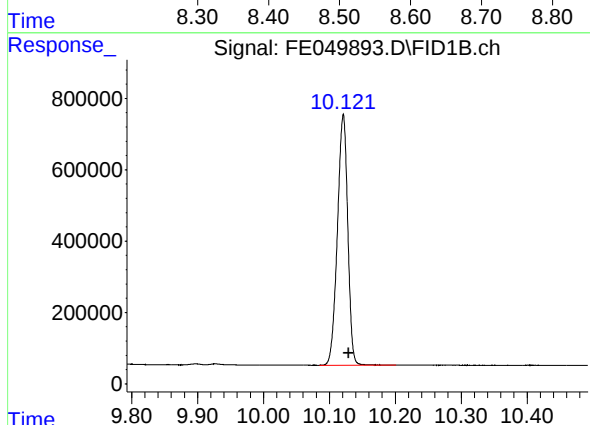
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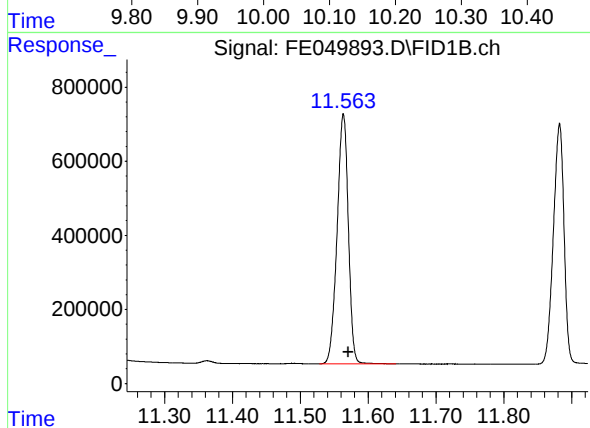
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.006 min
Response: 7815689
Conc: 50.63 ug/ml



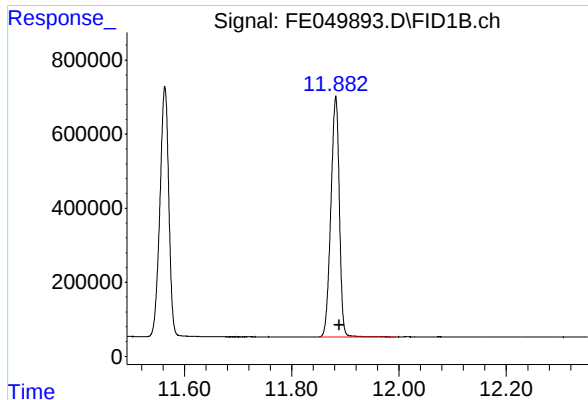
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 7682734
Conc: 49.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.007 min
Response: 7763944
Conc: 49.44 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.007 min
Response: 7112604
Conc: 43.98 ug/ml

Instrument :

FID_E

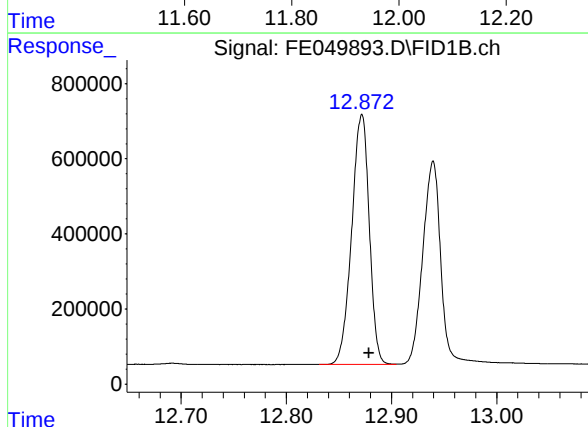
ClientSampleId :

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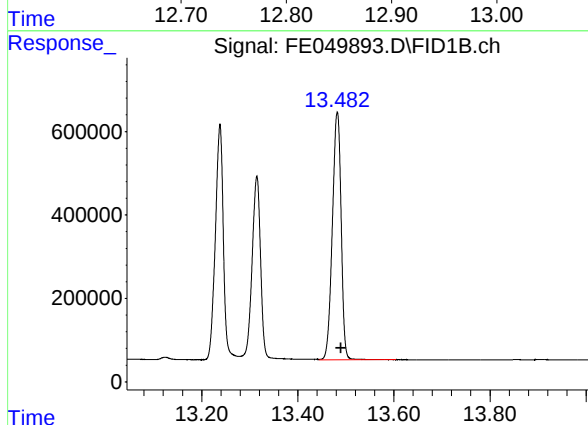
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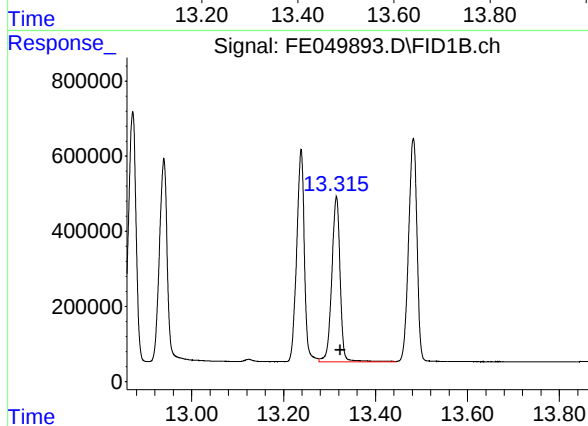
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.008 min
Response: 7737311
Conc: 51.82 ug/ml



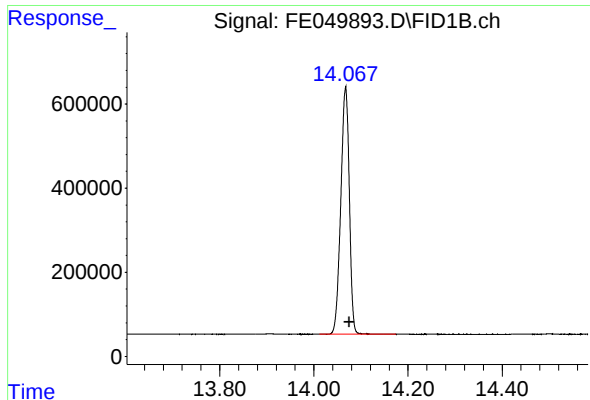
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.008 min
Response: 7522048
Conc: 51.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 5557301
Conc: 45.55 ug/ml



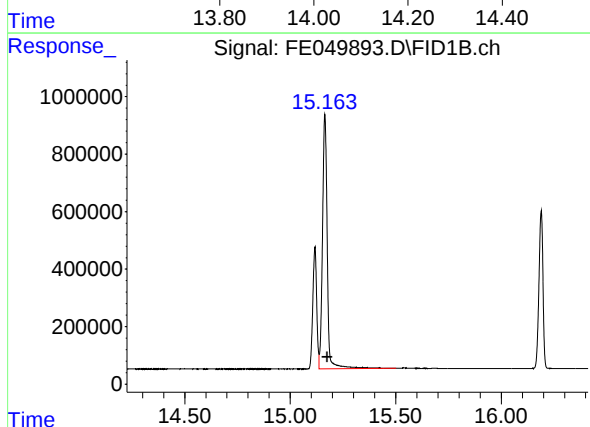
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.008 min
Response: 7385011
Conc: 50.67 ug/ml

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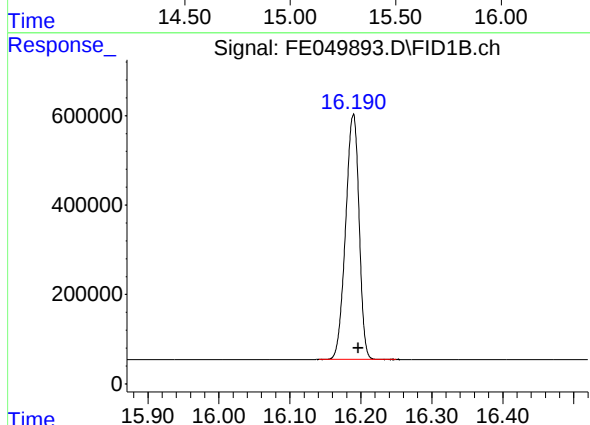
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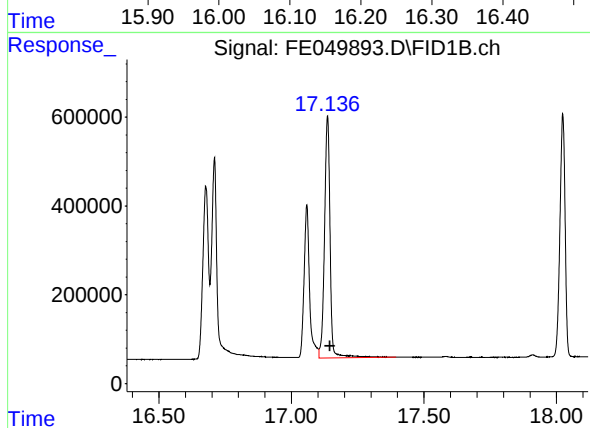
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.013 min
Response: 13928577
Conc: 95.75 ug/ml



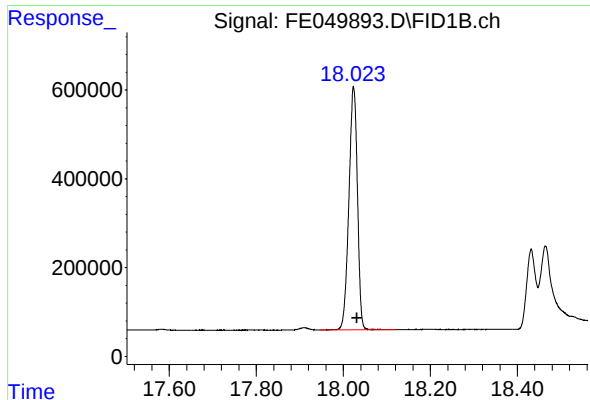
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.008 min
Response: 7231343
Conc: 50.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 7976161
Conc: 55.37 ug/ml



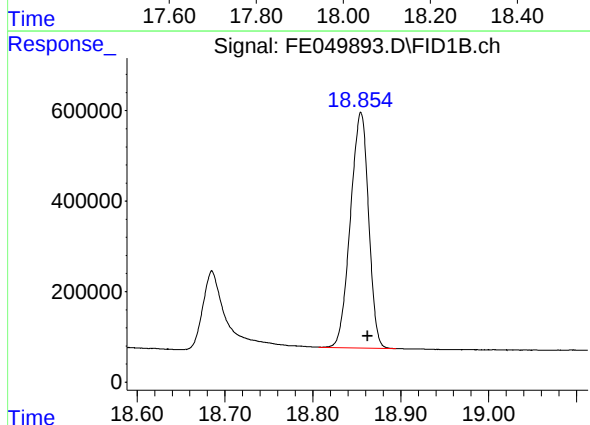
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.008 min
Response: 7439858
Conc: 49.70 ug/ml

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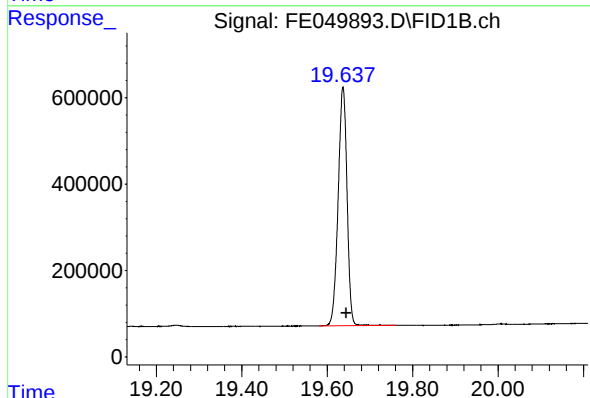
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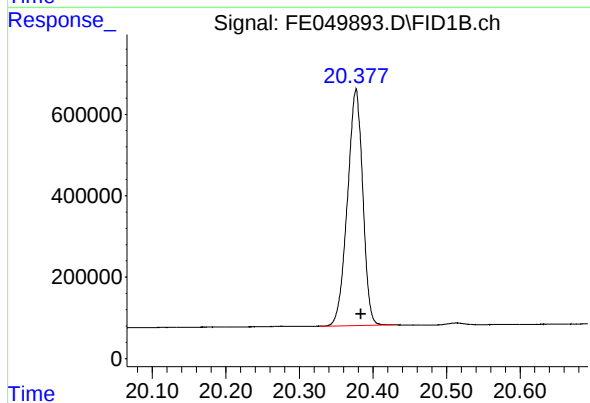
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.008 min
Response: 7487818
Conc: 49.50 ug/ml m



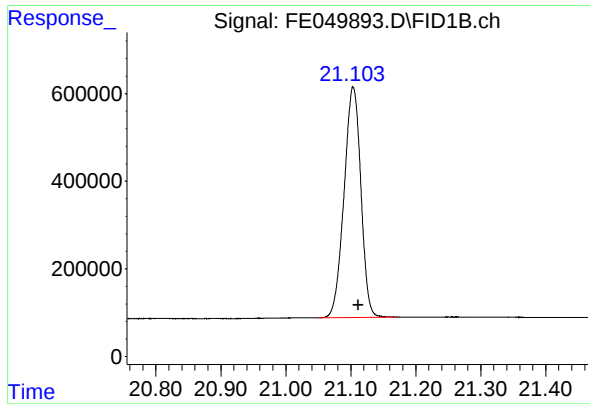
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.008 min
Response: 7984224
Conc: 52.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.007 min
Response: 8426255
Conc: 55.49 ug/ml m



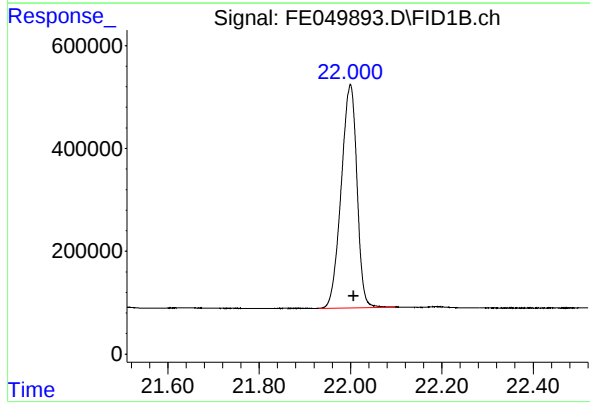
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.008 min
Response: 9451653
Conc: 60.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.008 min
Response: 10414898
Conc: 68.21 ug/ml