

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048092.D
 Signal(s) : FID1B.ch
 Acq On : 10 May 2024 18:34
 Operator : YP\AJ
 Sample : P2423-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-GGMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 02:08:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.963	4860163	33.689 ug/ml
Spiked Amount 50.000		Recovery =	67.38%
12) S 1-chlorooctadecane (S...	13.395	4069620	36.420 ug/ml
Spiked Amount 50.000		Recovery =	72.84%
Target Compounds			
1) T n-Nonane (C9)	3.351	5333830	41.386 ug/ml
2) T n-Decane (C10)	4.600	5962909	45.292 ug/ml
3) T A~Naphthalene (C11.7)	6.303	6119744	44.320 ug/ml
4) T n-Dodecane (C12)	6.763	6257705	46.940 ug/ml
5) T A~2-methylnaphthalene...	7.400	6168141	46.351 ug/ml
6) T n-Tetradecane (C14)	8.593	6592100	49.744 ug/ml
7) T n-Hexadecane (C16)	10.200	6823855	49.616 ug/ml
8) T n-Octadecane (C18)	11.643	6964943	50.001 ug/ml
10) T n-Eicosane (C20)	12.952	6929513	51.466 ug/ml
11) T n-Heneicosane (C21)	13.563	6673596	50.414 ug/ml
13) T n-Docosane (C22)	14.149	6589685	49.726 ug/ml
14) T n-Tetracosane (C24)	15.248	11059679	83.060 ug/ml
15) T n-Hexacosane (C26)	16.272	6359408	47.656 ug/ml
16) T n-Octacosane (C28)	17.222	6373582	47.869 ug/ml
17) T n-Tricontane (C30)	18.107	6430618	46.594 ug/ml
18) T n-Dotriacontane (C32)	18.939	6475029	46.878 ug/ml
19) T n-Tetratriacontane (C34)	19.722	6390056	46.909 ug/ml
20) T n-Hexatriacontane (C36)	20.461	6328987	46.743 ug/mlm
21) T n-Octatriacontane (C38)	21.201	6398207	46.341 ug/ml
22) T n-Tetracontane (C40)	22.125	6315061	45.327 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2423-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

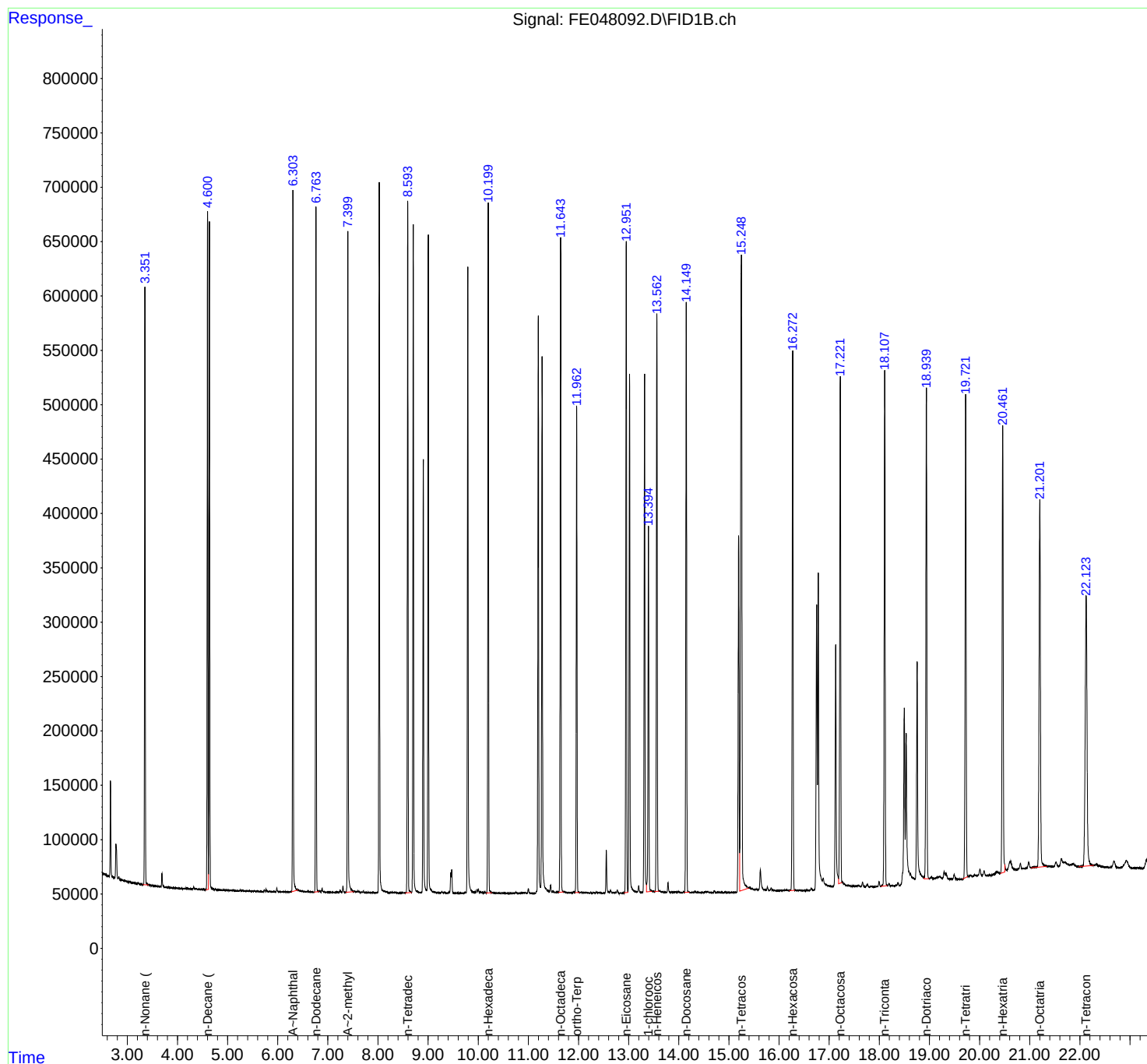
Instrument :
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ClientSampleId :
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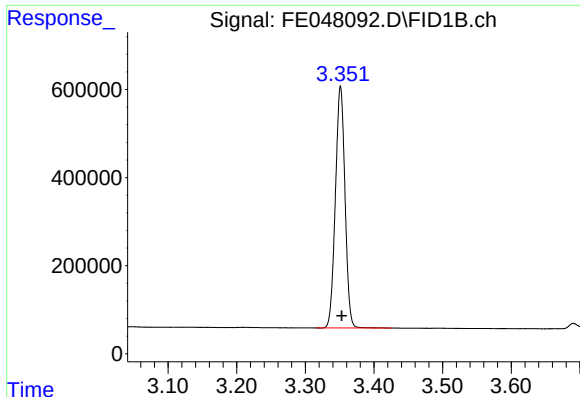
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.002 min
Response: 5333830
Conc: 41.39 ug/ml

Instrument :

FID_E

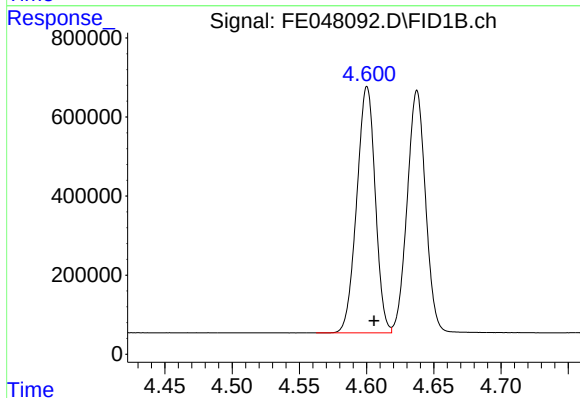
ClientSampleId :

WC-GGMS

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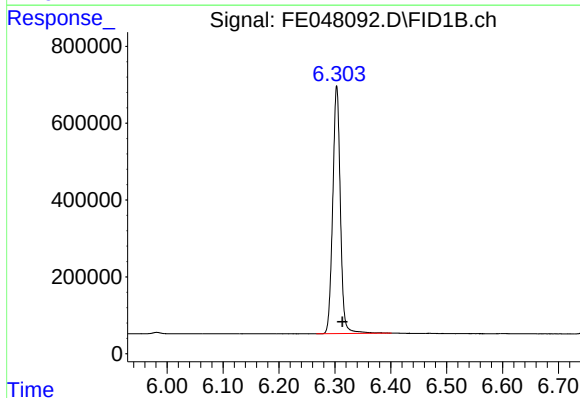
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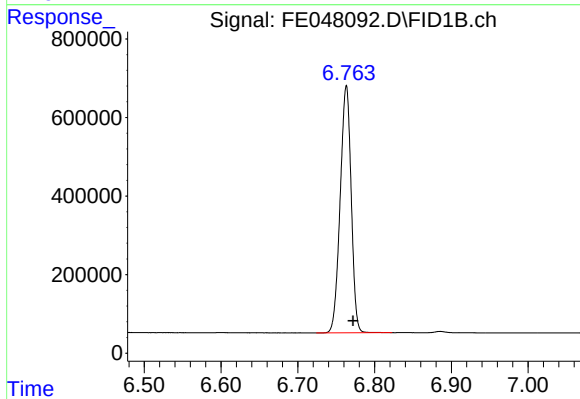
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.005 min
Response: 5962909
Conc: 45.29 ug/ml



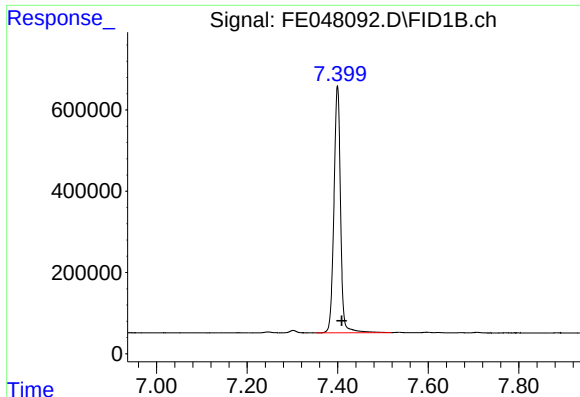
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.010 min
Response: 6119744
Conc: 44.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 6257705
Conc: 46.94 ug/ml



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

R.T.: 7.400 min
Delta R.T.: -0.009 min
Response: 6168141
Conc: 46.35 ug/ml

Instrument :

FID_E

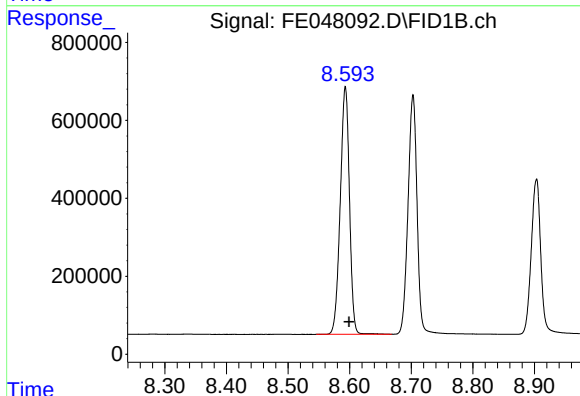
ClientSampleId :

WC-GGMS

Manual Integrations

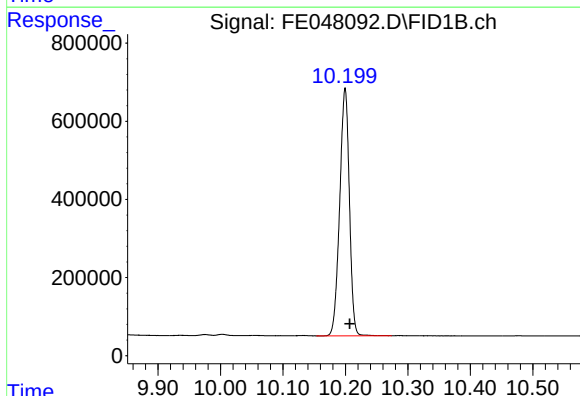
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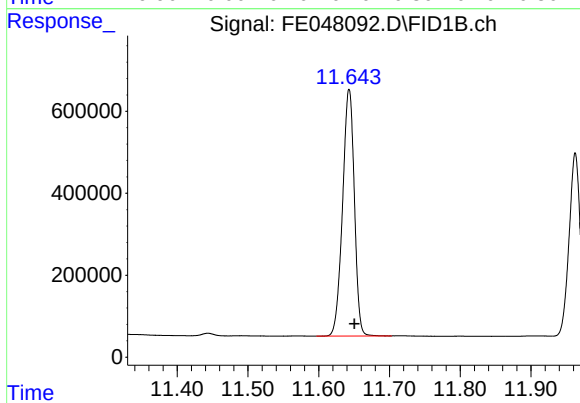
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.006 min
Response: 6592100
Conc: 49.74 ug/ml



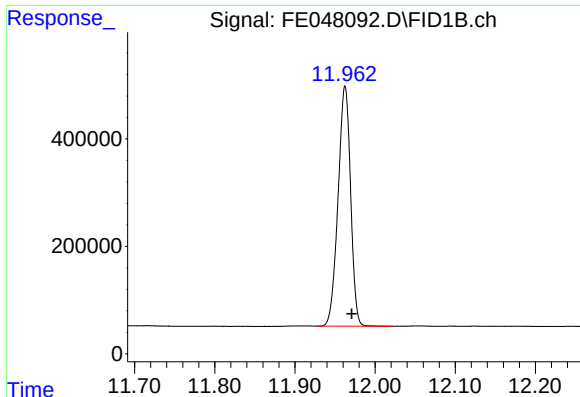
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.007 min
Response: 6823855
Conc: 49.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.008 min
Response: 6964943
Conc: 50.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min
Delta R.T.: -0.008 min
Response: 4860163
Conc: 33.69 ug/ml

Instrument :

FID_E

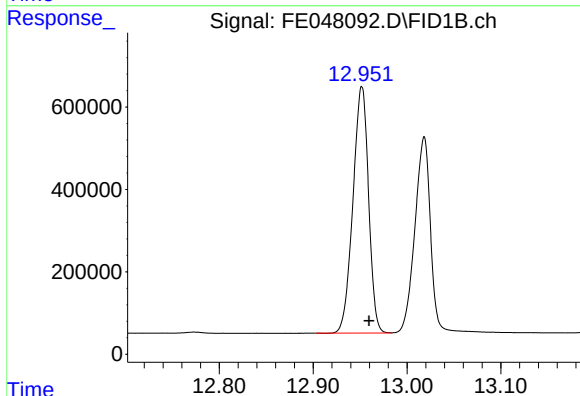
ClientSampleId :

WC-GGMS

Manual Integrations

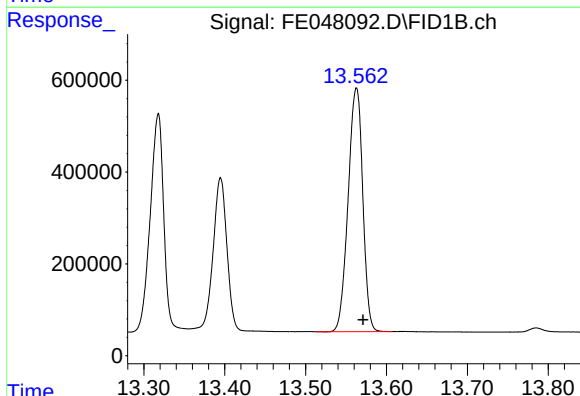
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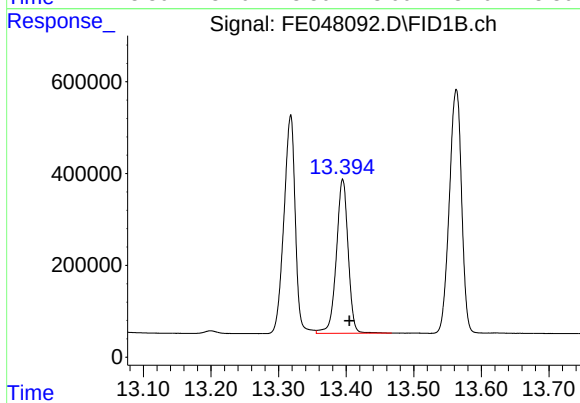
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.008 min
Response: 6929513
Conc: 51.47 ug/ml



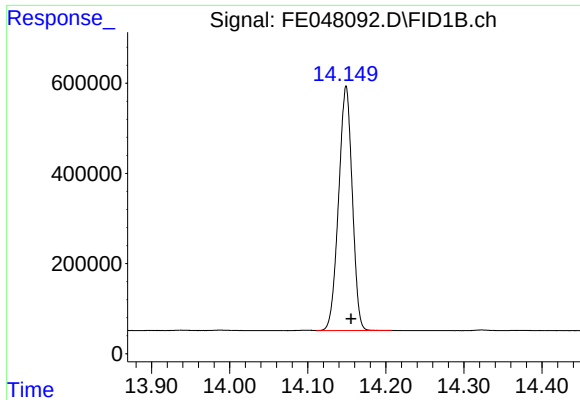
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.008 min
Response: 6673596
Conc: 50.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 4069620
Conc: 36.42 ug/ml



#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.006 min
Response: 6589685
Conc: 49.73 ug/ml

Instrument :

FID_E

ClientSampleId :

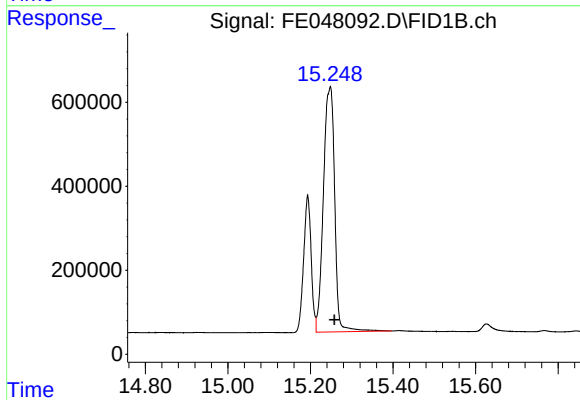
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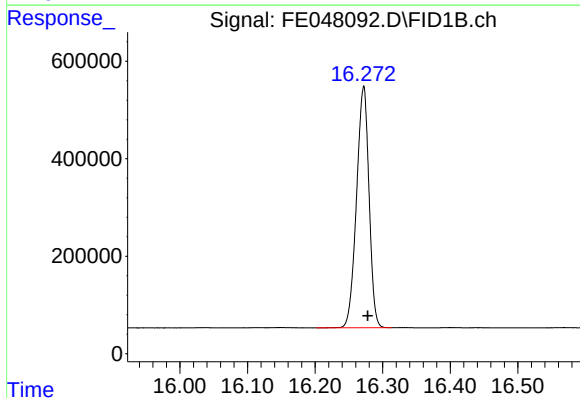
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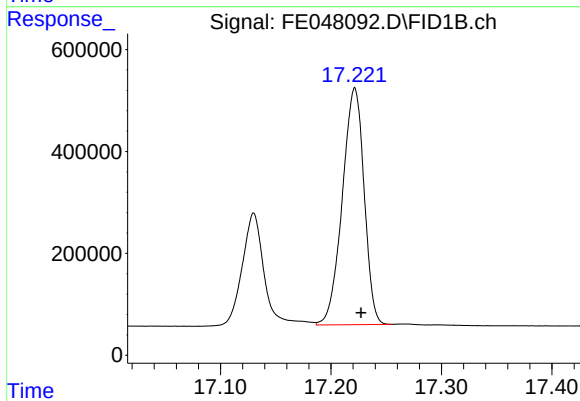
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.010 min
Response: 11059679
Conc: 83.06 ug/ml



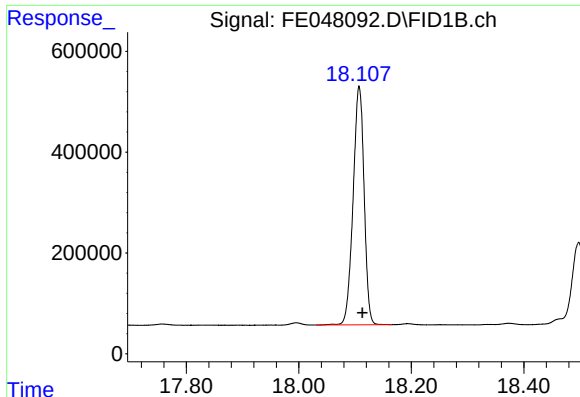
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.006 min
Response: 6359408
Conc: 47.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.222 min
Delta R.T.: -0.006 min
Response: 6373582
Conc: 47.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.006 min
Response: 6430618
Conc: 46.59 ug/ml

Instrument :

FID_E

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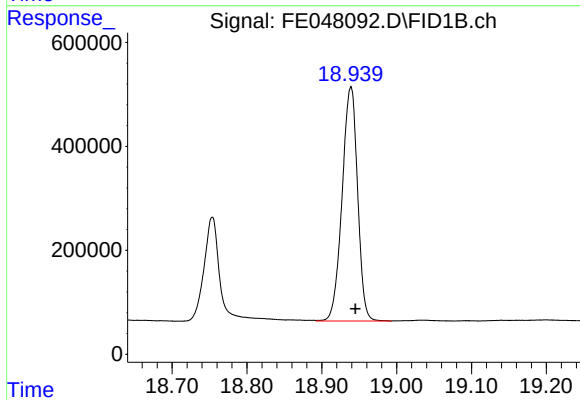
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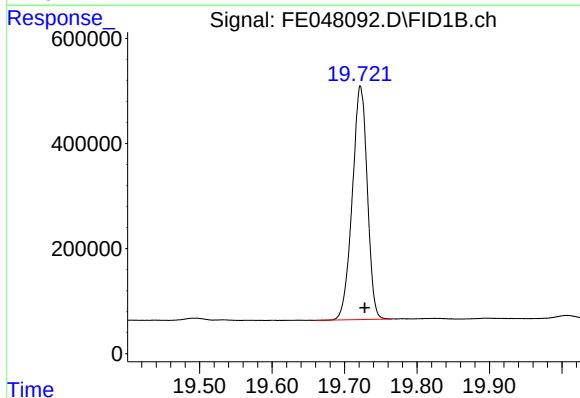
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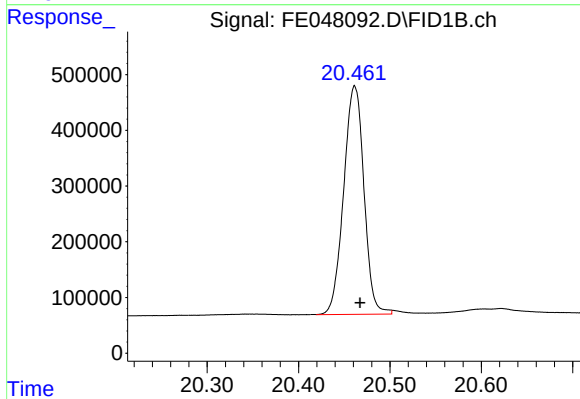
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.006 min
Response: 6475029
Conc: 46.88 ug/ml



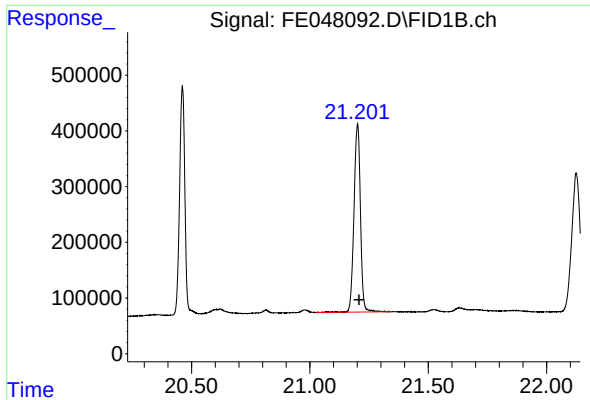
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.006 min
Response: 6390056
Conc: 46.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: -0.007 min
Response: 6328987
Conc: 46.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.006 min
Response: 6398207
Conc: 46.34 ug/ml

Instrument :

FID_E

ClientSampleId :

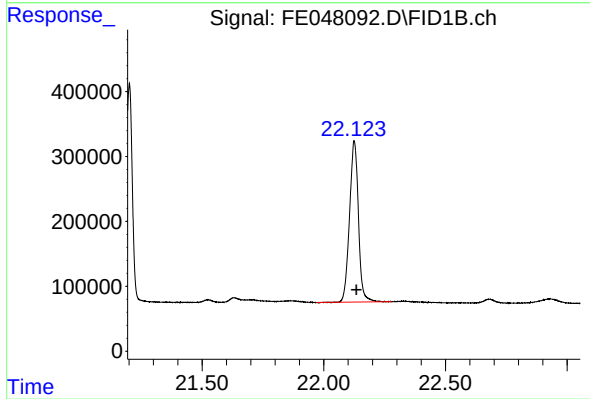
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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.010 min
Response: 6315061
Conc: 45.33 ug/ml