

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050324AL\
 Data File : FE047964.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2024 13:47
 Operator : YP\AJ
 Sample : PB160700BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160700BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/06/2024

Supervised By :Ankita Jodhani 05/06/2024

Integration File: autoint1.e

Quant Time: May 03 23:45:55 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)	11.970	6772147	46.942 ug/ml
Spiked Amount 50.000		Recovery =	93.88%
12) S 1-chlorooctadecane (S...	13.403	5628869	50.374 ug/mlm
Spiked Amount 50.000		Recovery =	100.75%
Target Compounds			
1) T n-Nonane (C9)	3.359	6236145	48.387 ug/ml
2) T n-Decane (C10)	4.607	6654693	50.547 ug/ml
3) T A~Naphthalene (C11.7)	6.311	6906449	50.017 ug/ml
4) T n-Dodecane (C12)	6.769	6897161	51.737 ug/ml
5) T A~2-methylnaphthalene...	7.407	6833679	51.352 ug/ml
6) T n-Tetradecane (C14)	8.599	6958156	52.506 ug/ml
7) T n-Hexadecane (C16)	10.205	6907625	50.225 ug/ml
8) T n-Octadecane (C18)	11.648	7044938	50.575 ug/ml
10) T n-Eicosane (C20)	12.959	7071676	52.521 ug/ml
11) T n-Heneicosane (C21)	13.570	6875841	51.942 ug/ml
13) T n-Docosane (C22)	14.156	6809138	51.382 ug/ml
14) T n-Tetracosane (C24)	15.251	11775096	88.433 ug/ml
15) T n-Hexacosane (C26)	16.278	6671890	49.998 ug/ml
16) T n-Octacosane (C28)	17.226	6843797	51.400 ug/ml
17) T n-Tricontane (C30)	18.113	6768372	49.041 ug/ml
18) T n-Dotriacontane (C32)	18.944	6905945	49.997 ug/ml
19) T n-Tetratriacontane (C34)	19.729	7596023	55.762 ug/ml
20) T n-Hexatriacontane (C36)	20.469	8689945	64.180 ug/ml
21) T n-Octatriacontane (C38)	21.212	10452998	75.709 ug/ml
22) T n-Tetracontane (C40)	22.142	11999512	86.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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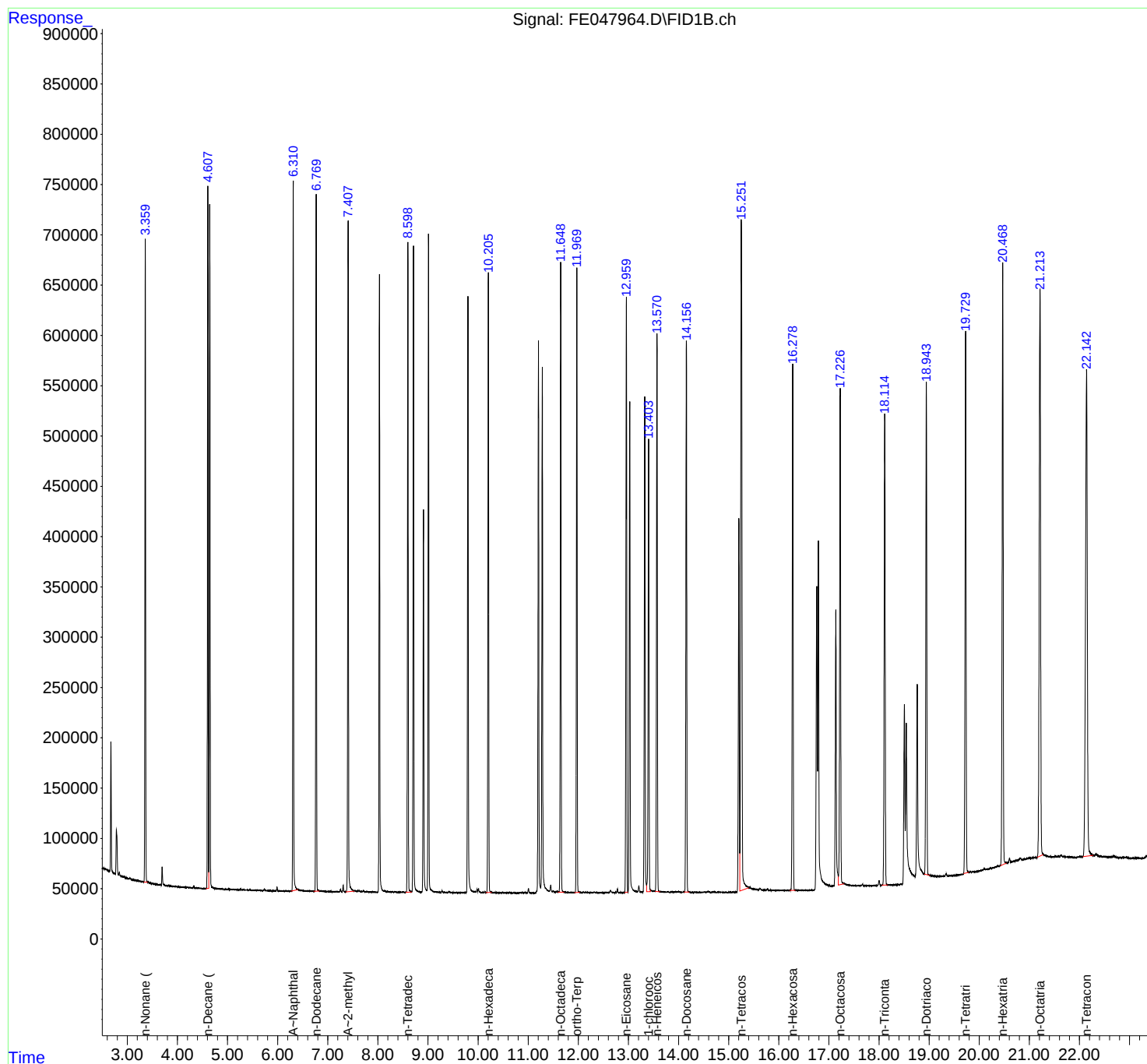
Response via : Initial Calibration

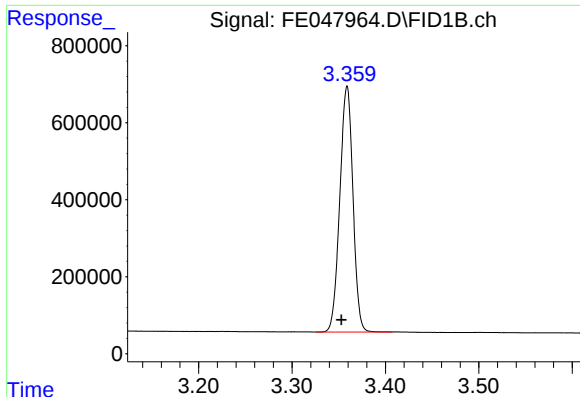
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.359 min
Delta R.T.: 0.006 min
Response: 6236145
Conc: 48.39 ug/ml

Instrument :

FID_E

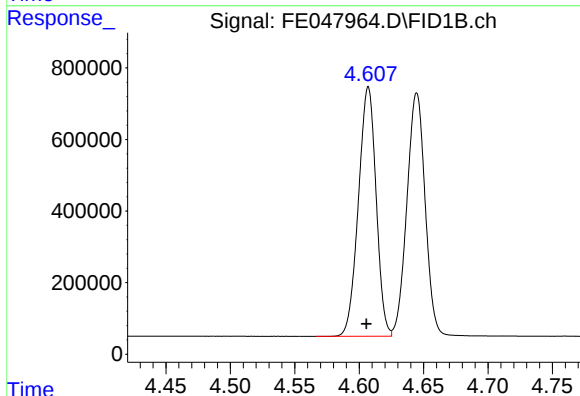
ClientSampleId :

PB160700BS

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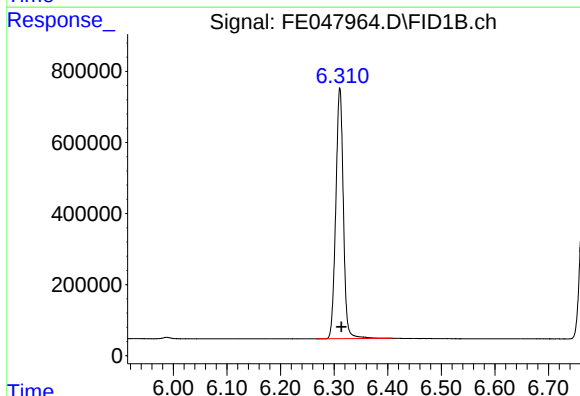
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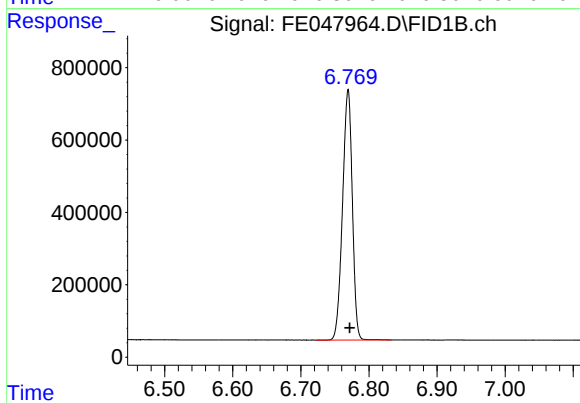
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.001 min
Response: 6654693
Conc: 50.55 ug/ml



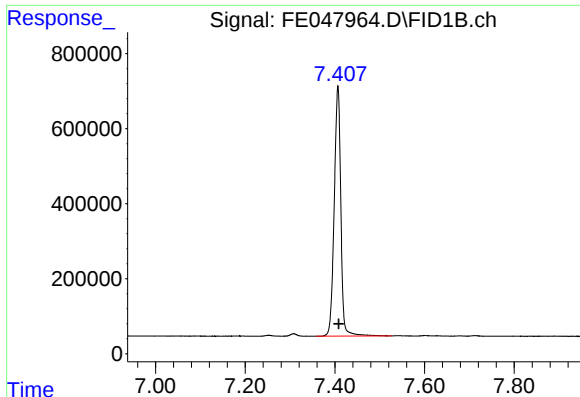
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 6906449
Conc: 50.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 6897161
Conc: 51.74 ug/ml



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

R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 6833679
Conc: 51.35 ug/ml

Instrument :

FID_E

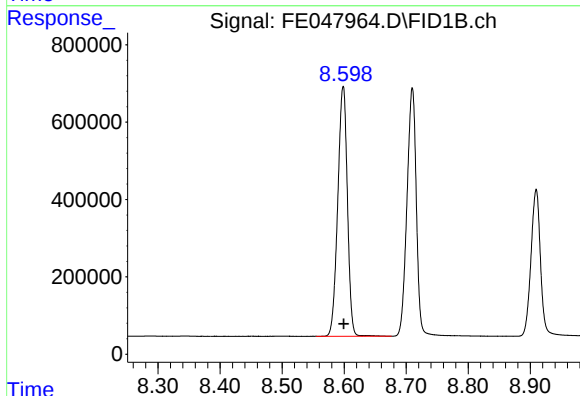
ClientSampleId :

PB160700BS

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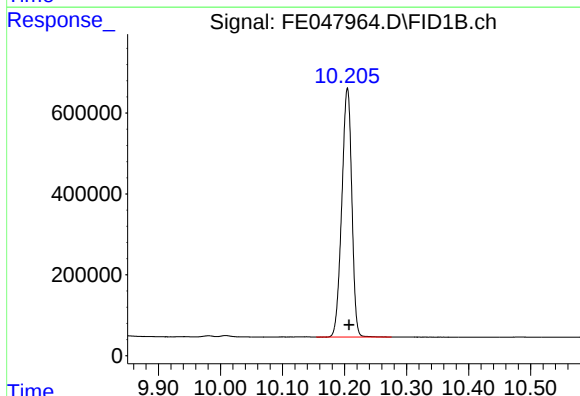
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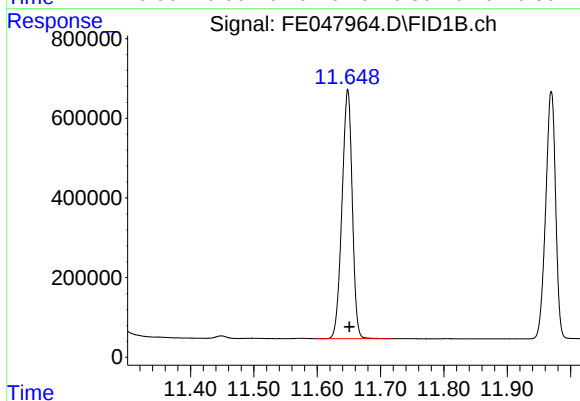
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 6958156
Conc: 52.51 ug/ml



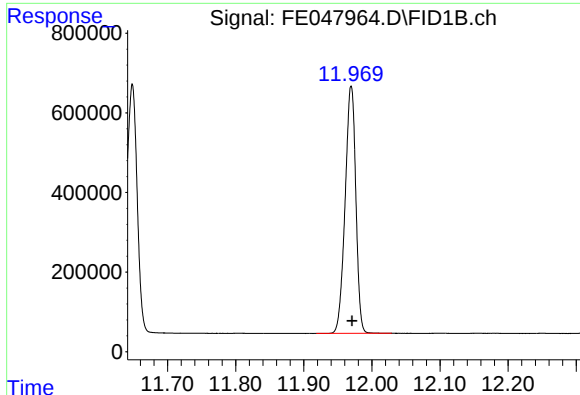
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.002 min
Response: 6907625
Conc: 50.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.002 min
Response: 7044938
Conc: 50.57 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.001 min
Response: 6772147
Conc: 46.94 ug/ml

Instrument :

FID_E

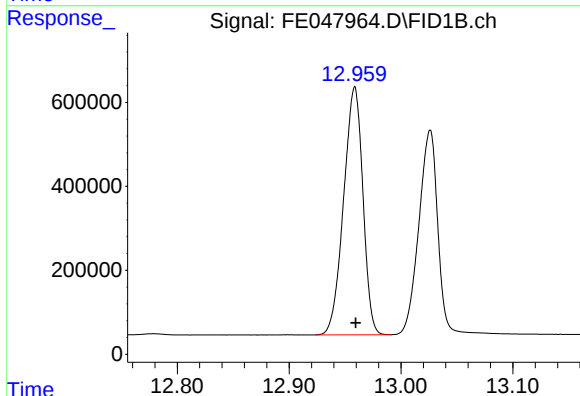
ClientSampleId :

PB160700BS

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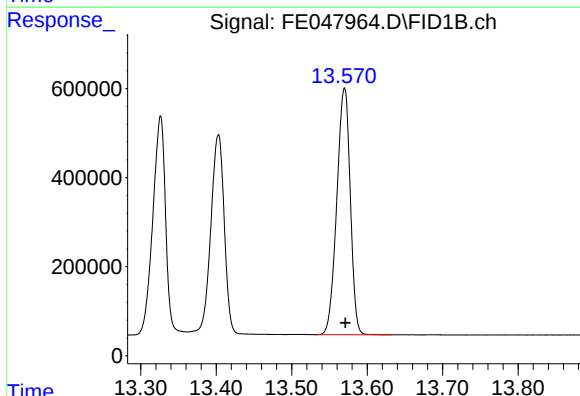
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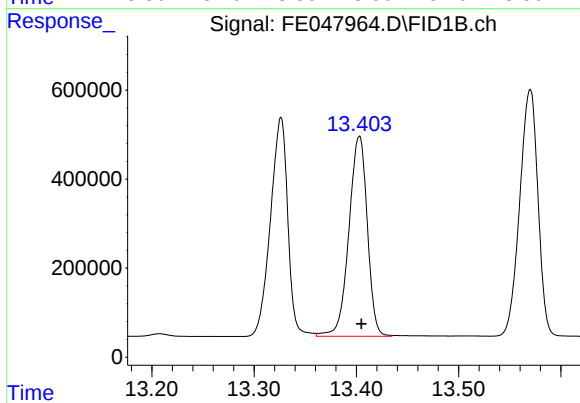
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 7071676
Conc: 52.52 ug/ml



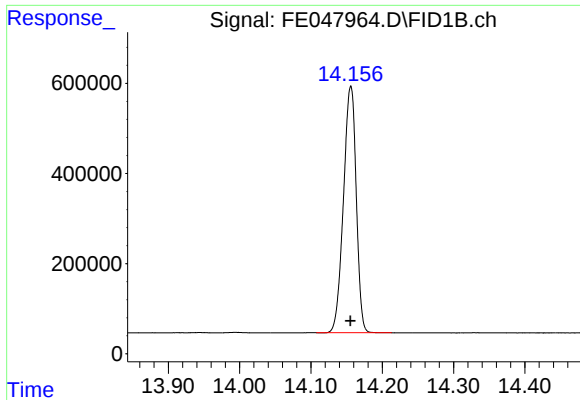
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.001 min
Response: 6875841
Conc: 51.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.002 min
Response: 5628869
Conc: 50.37 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 6809138
Conc: 51.38 ug/ml

Instrument :

FID_E

ClientSampleId :

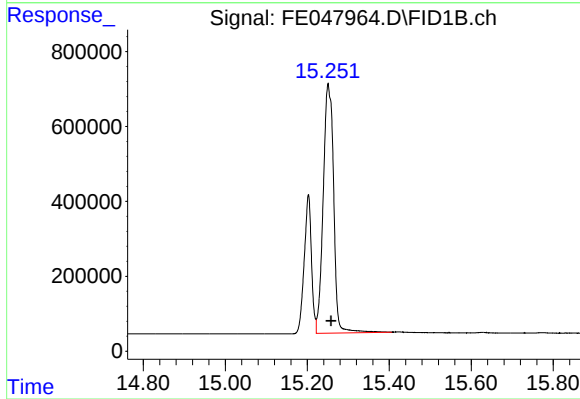
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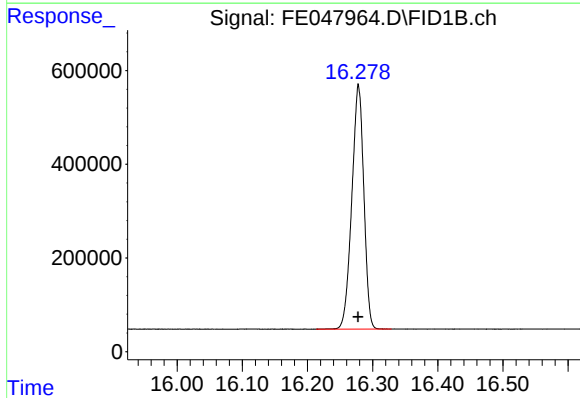
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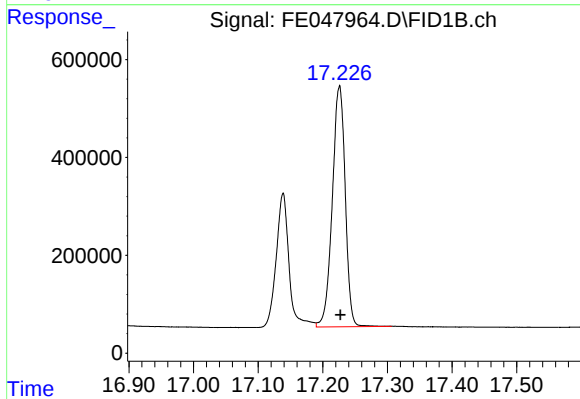
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.007 min
Response: 11775096
Conc: 88.43 ug/ml



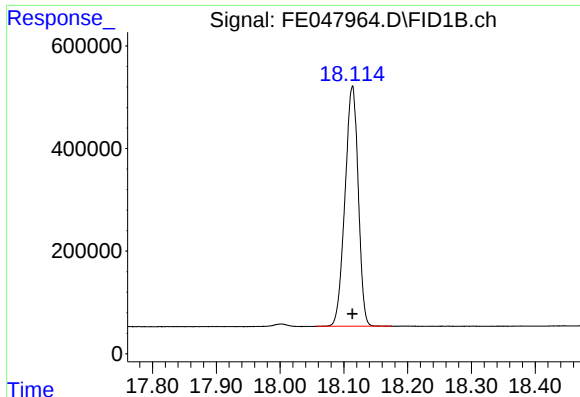
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 6671890
Conc: 50.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.001 min
Response: 6843797
Conc: 51.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 6768372
Conc: 49.04 ug/ml

Instrument :

FID_E

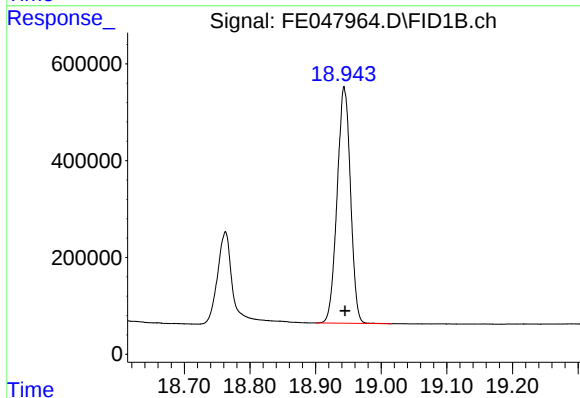
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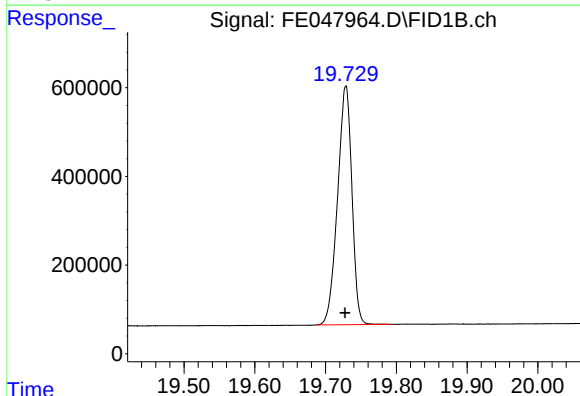
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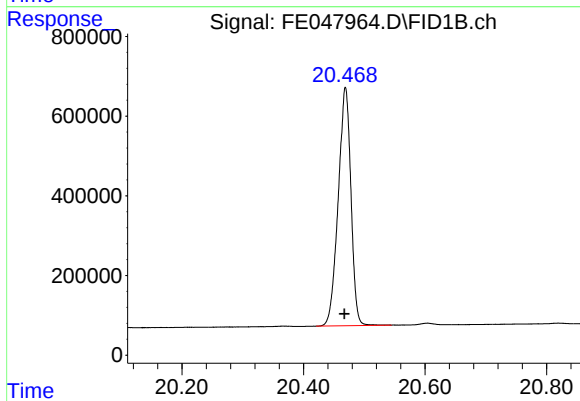
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.001 min
Response: 6905945
Conc: 50.00 ug/ml



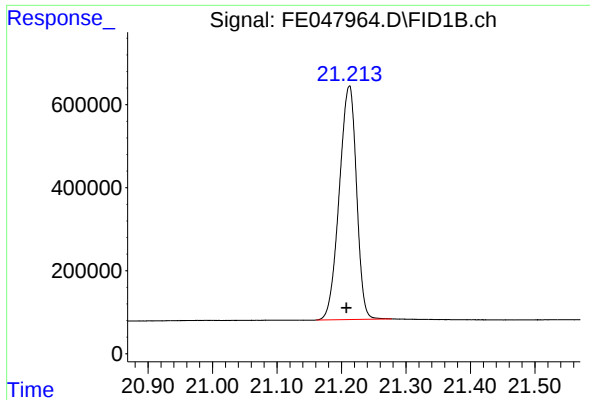
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: 0.000 min
Response: 7596023
Conc: 55.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.002 min
Response: 8689945
Conc: 64.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.005 min
Response: 10452998
Conc: 75.71 ug/ml

Instrument :

FID_E

ClientSampleId :

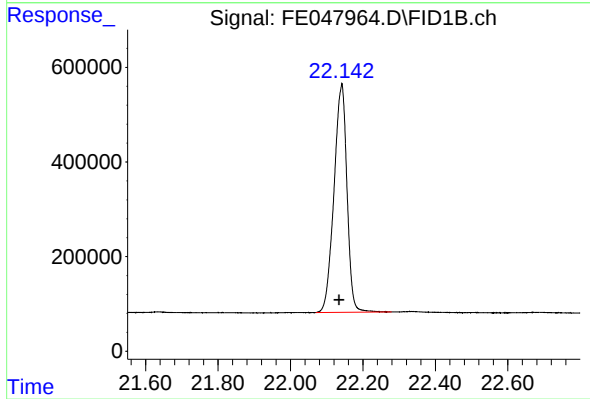
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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.008 min
Response: 11999512
Conc: 86.13 ug/ml