

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
 Data File : FE050693.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 13:46
 Operator : YP\AJ
 Sample : PB164175BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164175BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/17/2024

Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e

Quant Time: Oct 17 02:56:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.860	6554486	41.575 ug/ml
Spiked Amount 50.000		Recovery =	83.15%
12) S 1-chlorooctadecane (S...	13.293	5503407	46.523 ug/ml
Spiked Amount 50.000		Recovery =	93.05%
Target Compounds			
1) T n-Nonane (C9)	3.257	5678791	40.192 ug/ml
2) T n-Decane (C10)	4.503	6019118	41.952 ug/ml
3) T A~Naphthalene (C11.7)	6.209	6677373	46.698 ug/ml
4) T n-Dodecane (C12)	6.666	6375896	44.297 ug/ml
5) T A~2-methylnaphthalene...	7.304	6304201	47.586 ug/ml
6) T n-Tetradecane (C14)	8.494	6650422	46.485 ug/ml
7) T n-Hexadecane (C16)	10.098	6653819	45.212 ug/ml
8) T n-Octadecane (C18)	11.540	6697113	44.836 ug/ml
10) T n-Eicosane (C20)	12.848	6685208	46.619 ug/ml
11) T n-Heneicosane (C21)	13.458	6429993	45.787 ug/ml
13) T n-Docosane (C22)	14.043	6324530	45.080 ug/ml
14) T n-Tetracosane (C24)	15.143	11943577	84.540 ug/mlm
15) T n-Hexacosane (C26)	16.165	6200049	44.061 ug/ml
16) T n-Octacosane (C28)	17.113	7365365	50.334 ug/ml
17) T n-Tricontane (C30)	18.000	6433874	40.464 ug/ml
18) T n-Dotriacontane (C32)	18.830	6407670	39.526 ug/ml
19) T n-Tetratriacontane (C34)	19.614	6469299	44.041 ug/ml
20) T n-Hexatriacontane (C36)	20.353	6125635	48.304 ug/ml
21) T n-Octatriacontane (C38)	21.077	5853086	47.337 ug/ml
22) T n-Tetracontane (C40)	21.962	5205937	46.753 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB164175BS
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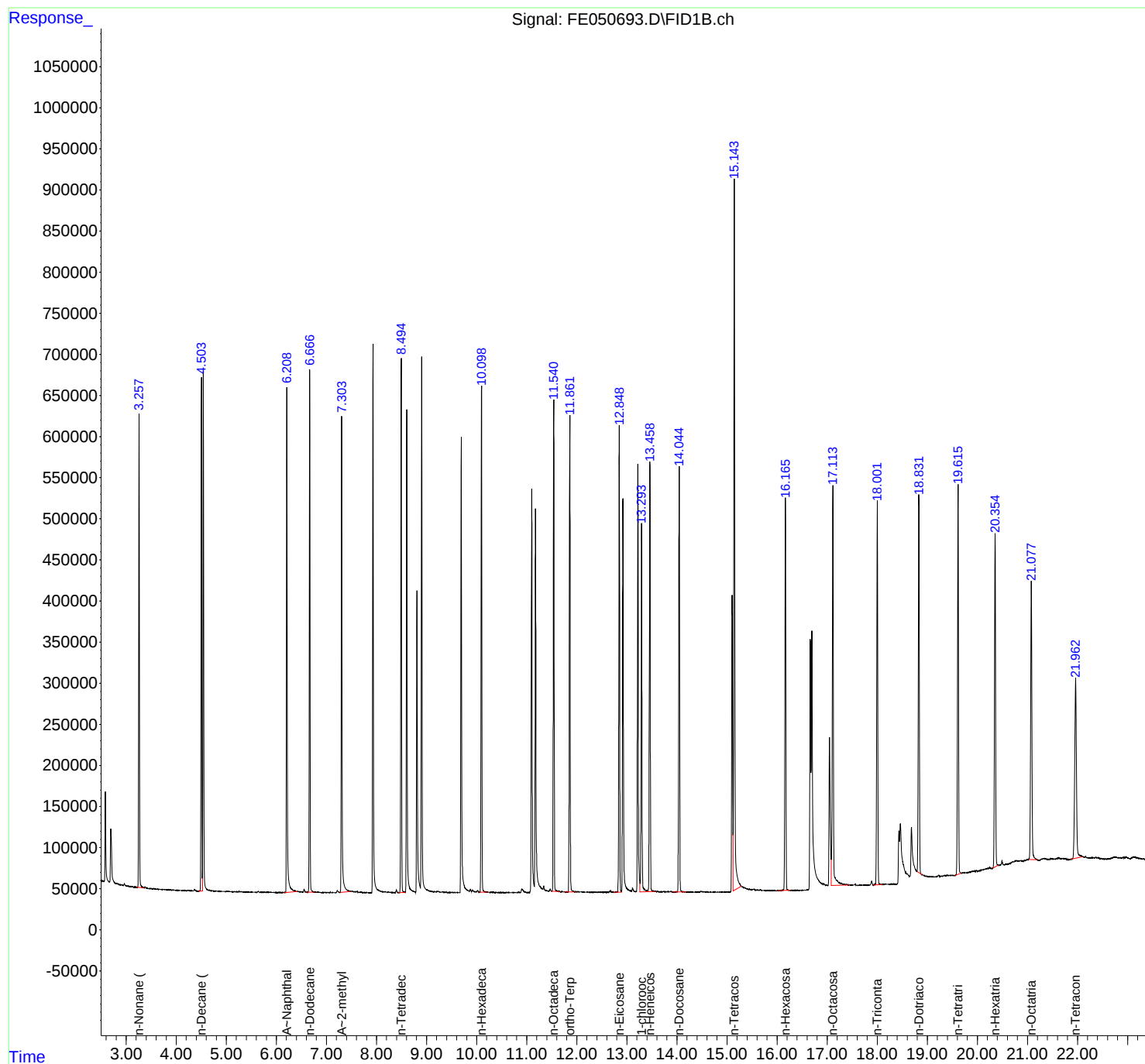
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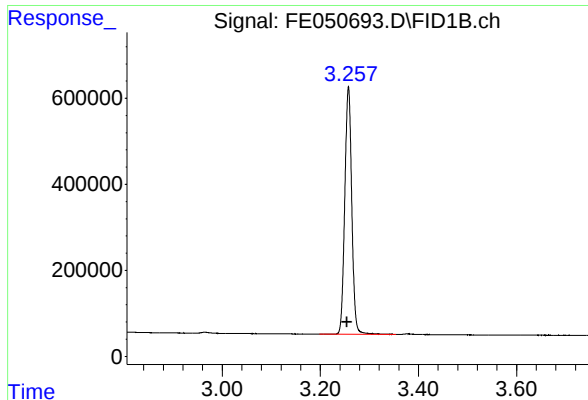
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.003 min
Response: 5678791
Conc: 40.19 ug/ml

Instrument :

FID_E

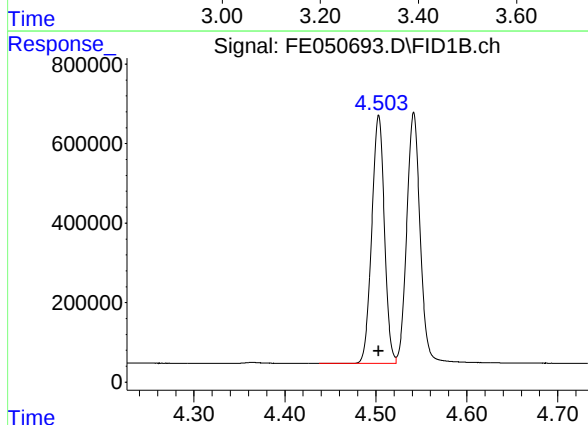
ClientSampleId :

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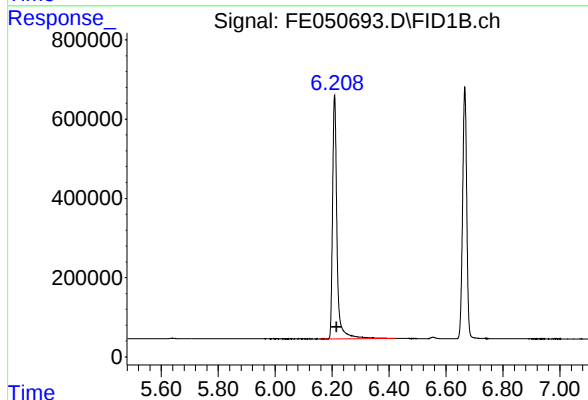
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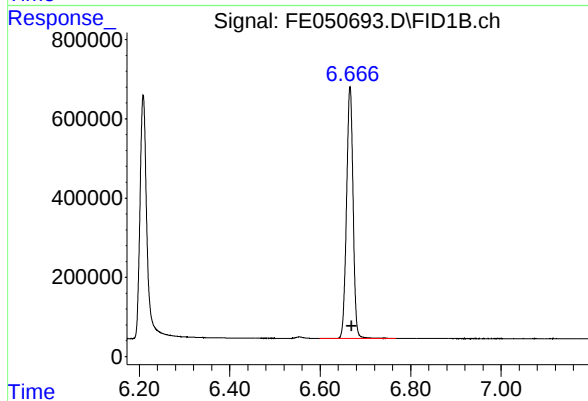
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 6019118
Conc: 41.95 ug/ml



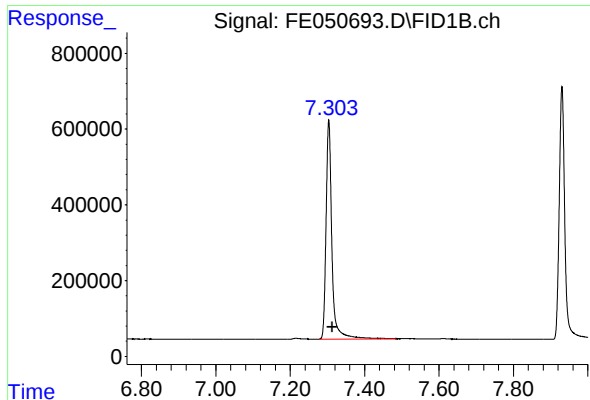
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 6677373
Conc: 46.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 6375896
Conc: 44.30 ug/ml



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

R.T.: 7.304 min
Delta R.T.: -0.009 min
Response: 6304201
Conc: 47.59 ug/ml

Instrument :

FID_E

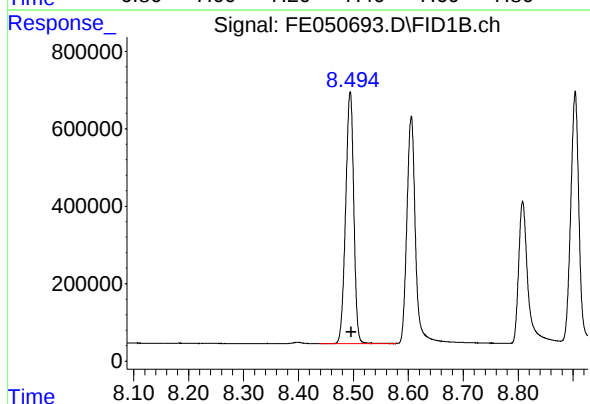
ClientSampleId :

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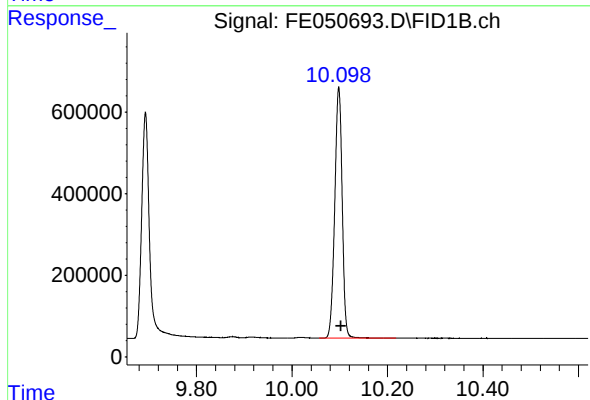
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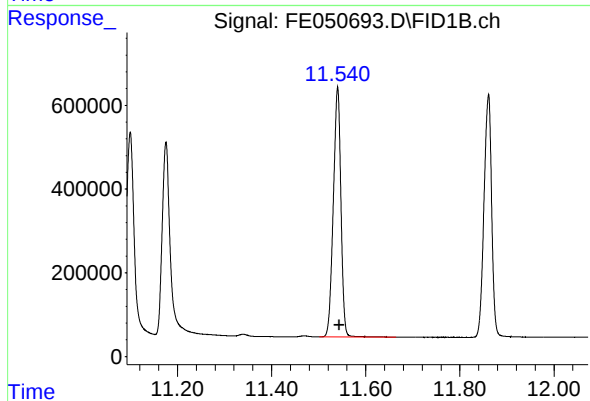
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 6650422
Conc: 46.48 ug/ml



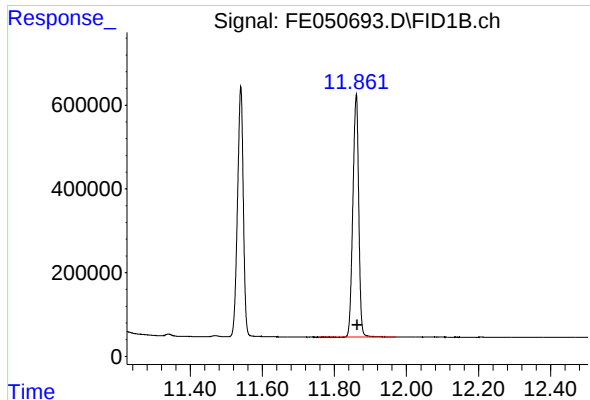
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.005 min
Response: 6653819
Conc: 45.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.004 min
Response: 6697113
Conc: 44.84 ug/ml



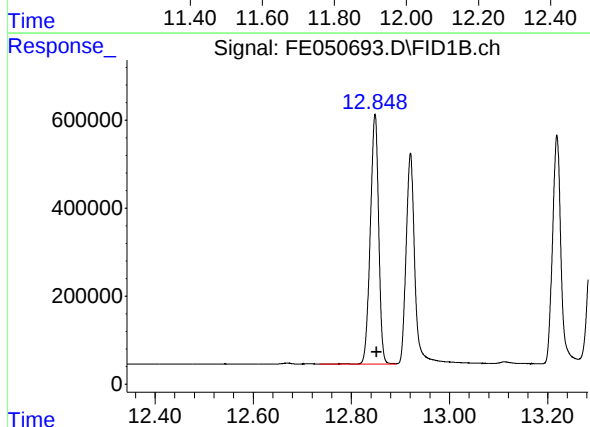
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 6554486
Conc: 41.57 ug/ml

Instrument :
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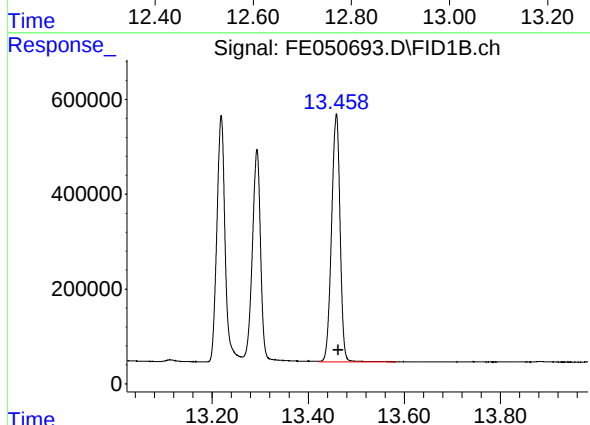
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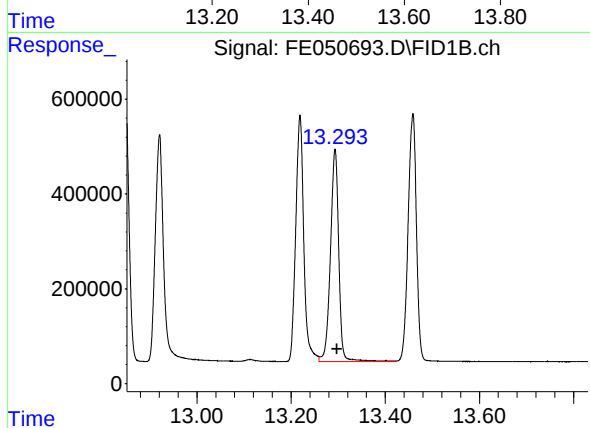
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.004 min
Response: 6685208
Conc: 46.62 ug/ml



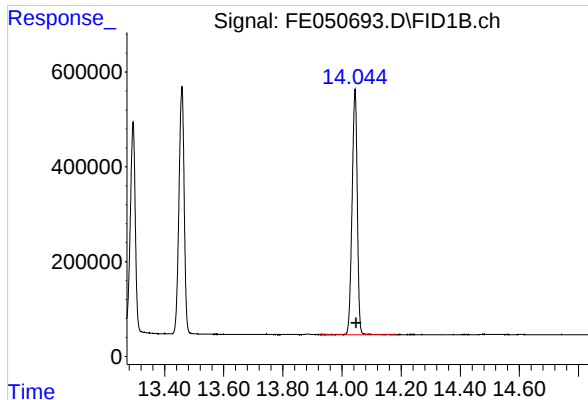
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.005 min
Response: 6429993
Conc: 45.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 5503407
Conc: 46.52 ug/ml



#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.005 min
Response: 6324530
Conc: 45.08 ug/ml

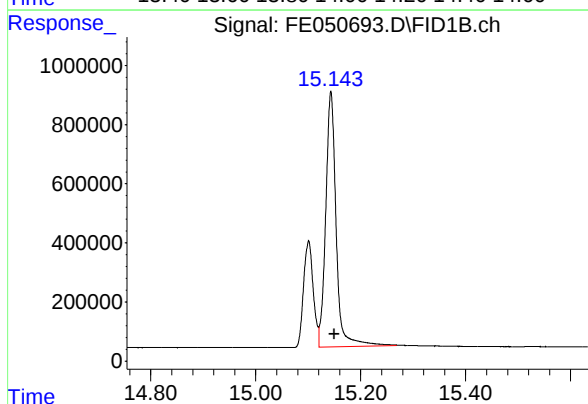
Instrument :

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ClientSampleId :
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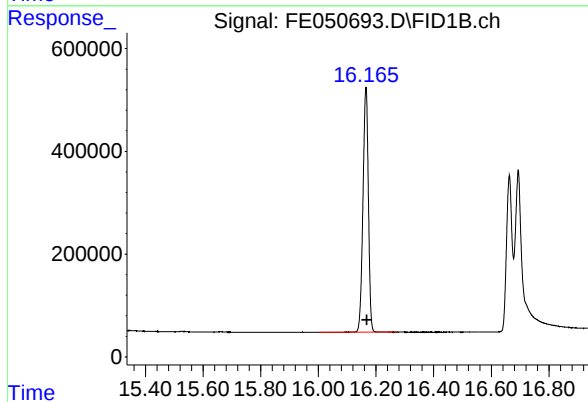
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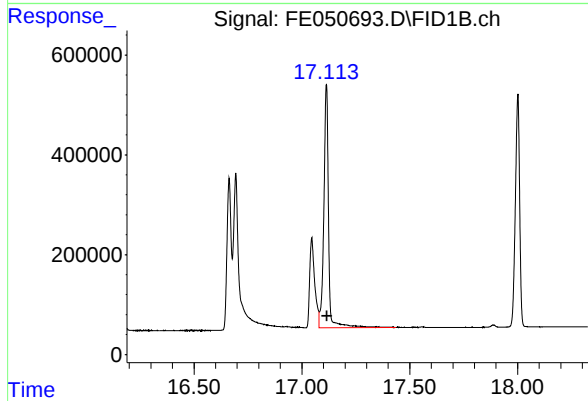
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.007 min
Response: 11943577
Conc: 84.54 ug/ml m



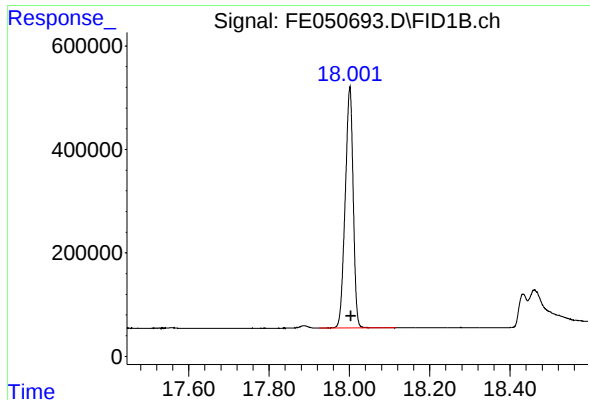
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 6200049
Conc: 44.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.004 min
Response: 7365365
Conc: 50.33 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.004 min
Response: 6433874
Conc: 40.46 ug/ml

Instrument :

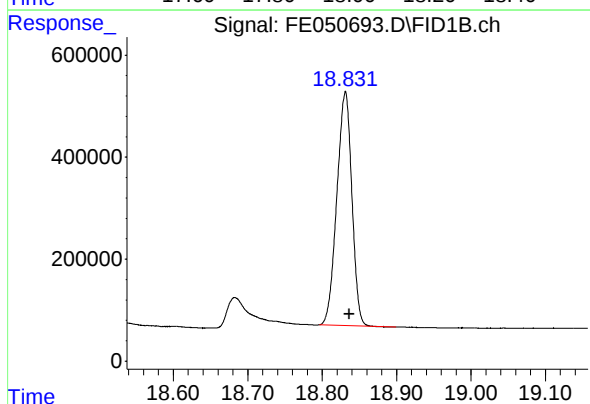
FID_E

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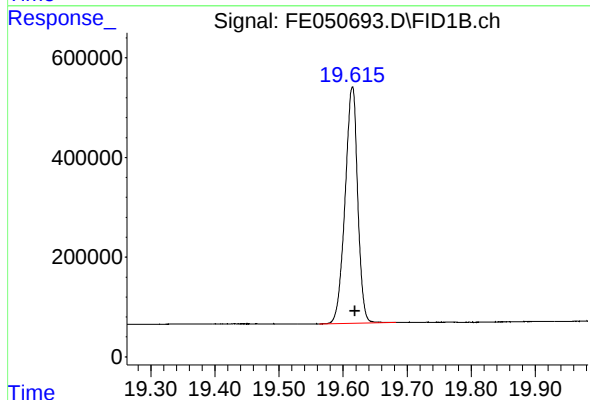
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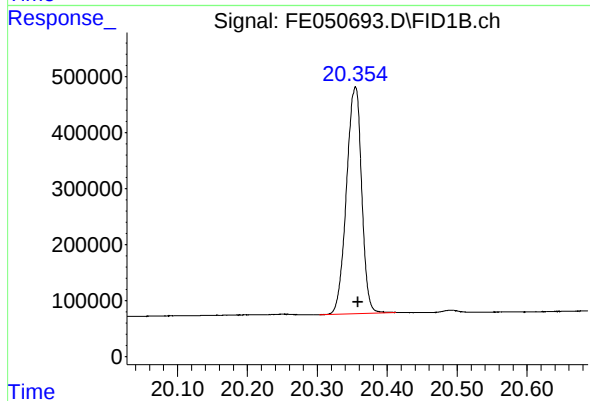
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.006 min
Response: 6407670
Conc: 39.53 ug/ml



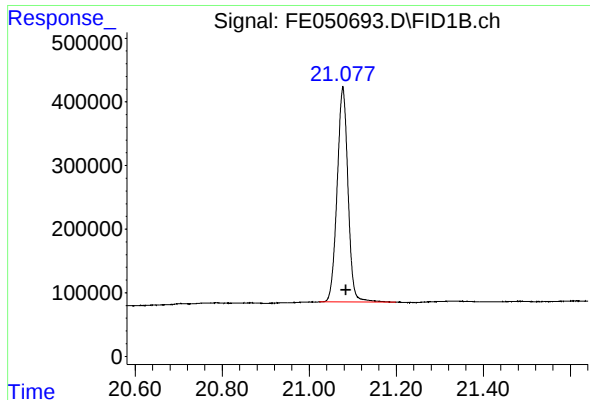
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.005 min
Response: 6469299
Conc: 44.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.005 min
Response: 6125635
Conc: 48.30 ug/ml



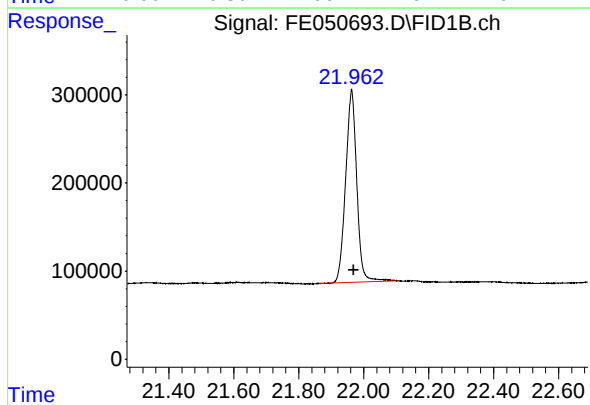
#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.007 min
Response: 5853086
Conc: 47.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.007 min
Response: 5205937
Conc: 46.75 ug/ml