

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110625AL\
 Data File : FE056687.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2025 10:45
 Operator : YP\AJ
 Sample : PB170401BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170401BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File: autoint1.e
 Quant Time: Nov 07 02:11:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 2025
 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)	11.968	7637365	36.558 ug/ml
Spiked Amount 50.000		Recovery =	73.12%
12) S 1-chlorooctadecane (S...	13.407	6093453	37.820 ug/ml
Spiked Amount 50.000		Recovery =	75.64%
Target Compounds			
1) T n-Nonane (C9)	3.331	5494371	32.712 ug/ml
2) T n-Decane (C10)	4.580	5728537	33.384 ug/mlm
3) T A~Naphthalene (C11.7)	6.291	6489647	35.158 ug/ml
4) T n-Dodecane (C12)	6.749	6030002	34.669 ug/ml
5) T A~2-methylnaphthalene...	7.390	6029365	34.021 ug/ml
6) T n-Tetradecane (C14)	8.585	6132969	35.136 ug/ml
7) T n-Hexadecane (C16)	10.196	6190072	33.833 ug/ml
8) T n-Octadecane (C18)	11.645	6124818	32.360 ug/ml
10) T n-Eicosane (C20)	12.959	6185589	33.191 ug/ml
11) T n-Heneicosane (C21)	13.573	5915906	32.172 ug/ml
13) T n-Docosane (C22)	14.161	5812413	31.049 ug/ml
14) T n-Tetracosane (C24)	15.267	11972691	61.128 ug/ml
15) T n-Hexacosane (C26)	16.293	5543712	28.526 ug/ml
16) T n-Octacosane (C28)	17.243	5541125	28.612 ug/mlm
17) T n-Tricontane (C30)	18.135	5437844	27.122 ug/ml
18) T n-Dotriacontane (C32)	18.969	5311495	27.010 ug/ml
19) T n-Tetratriacontane (C34)	19.754	4975059	28.823 ug/ml
20) T n-Hexatriacontane (C36)	20.495	4405913	30.458 ug/ml
21) T n-Octatriacontane (C38)	21.248	3903780	31.016 ug/ml
22) T n-Tetracontane (C40)	22.189	3599881	31.137 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

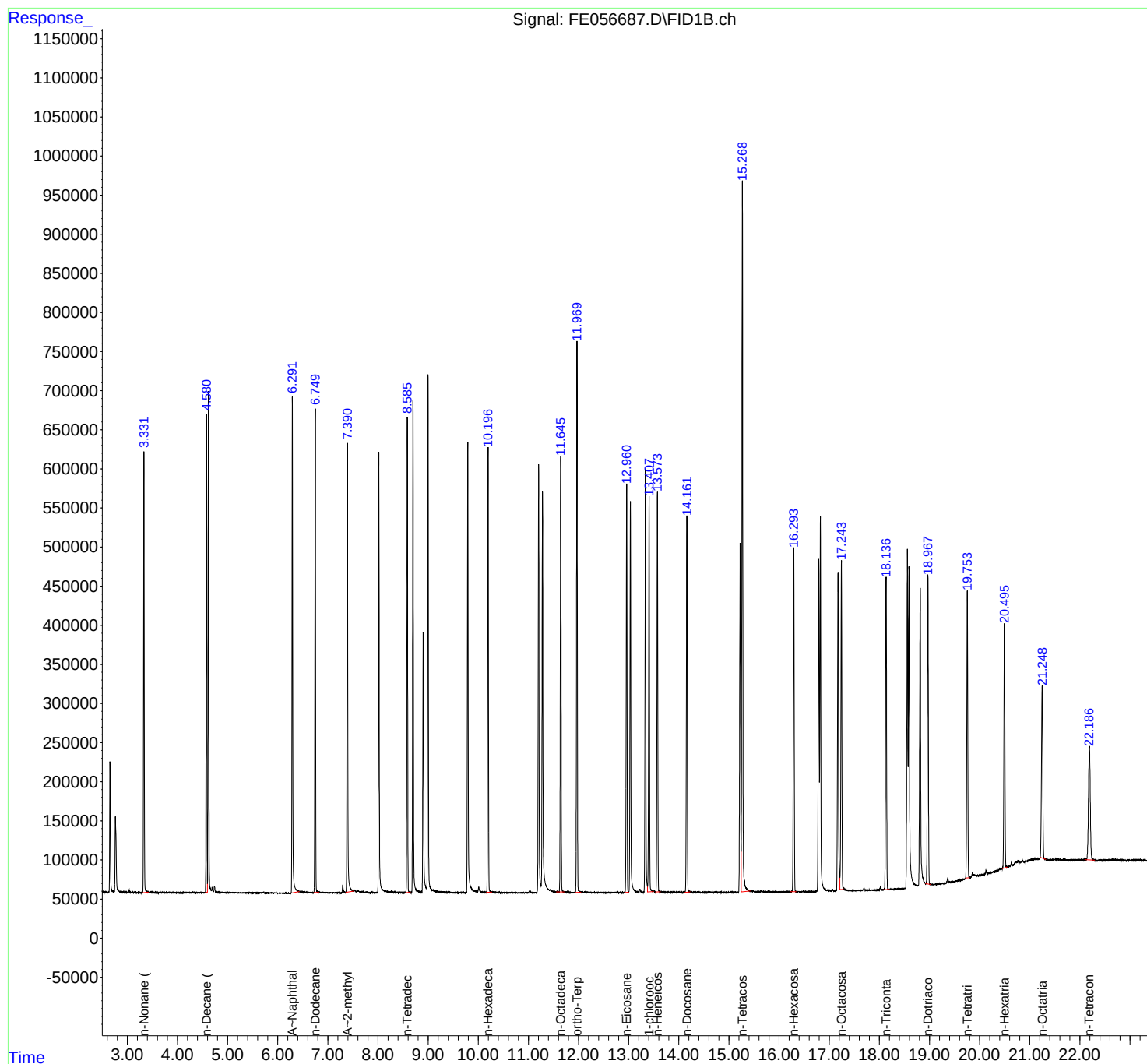
Instrument :
FID_E
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PB170401BSD

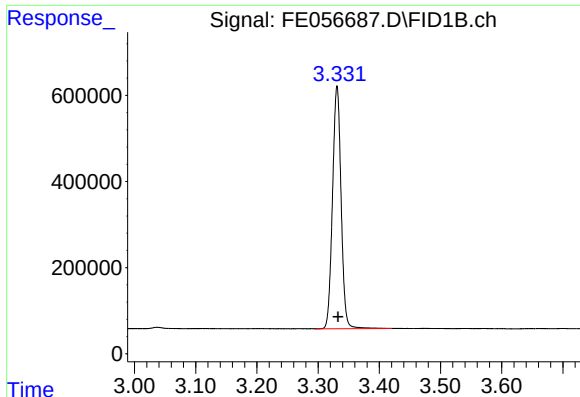
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#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 5494371
Conc: 32.71 ug/ml

Instrument :

FID_E

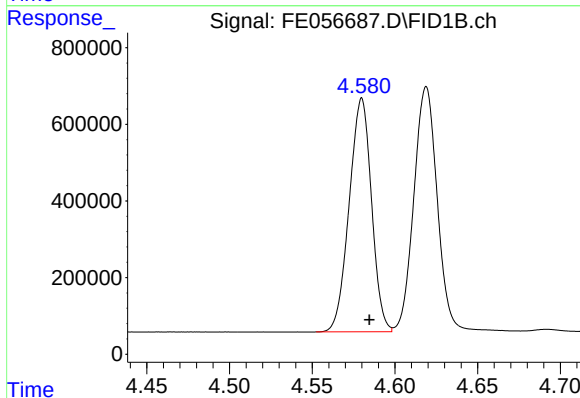
ClientSampleId :

PB170401BSD

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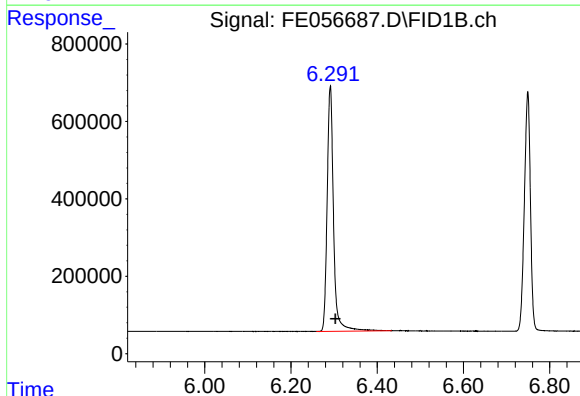
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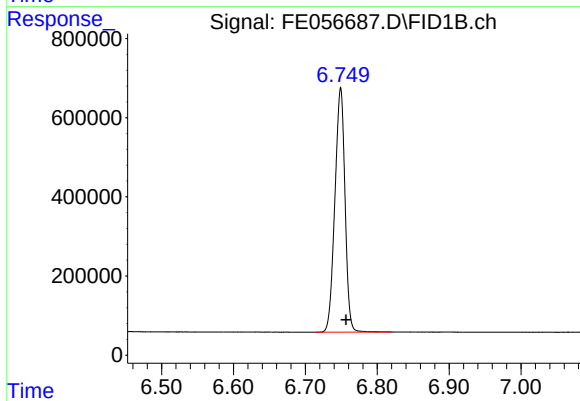
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.005 min
Response: 5728537
Conc: 33.38 ug/ml m



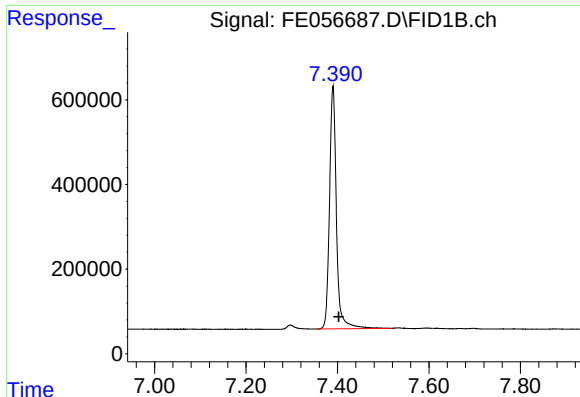
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.012 min
Response: 6489647
Conc: 35.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 6030002
Conc: 34.67 ug/ml



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

R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 6029365
Conc: 34.02 ug/ml

Instrument :

FID_E

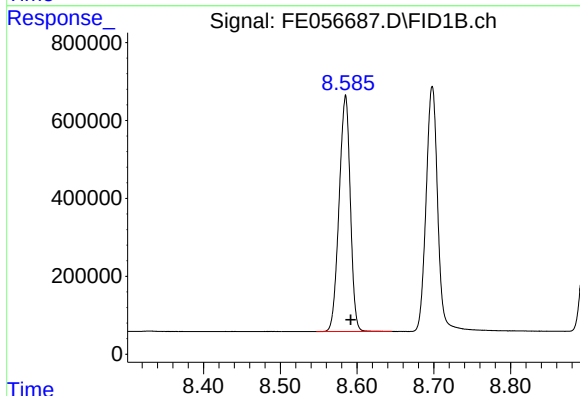
ClientSampleId :

PB170401BSD

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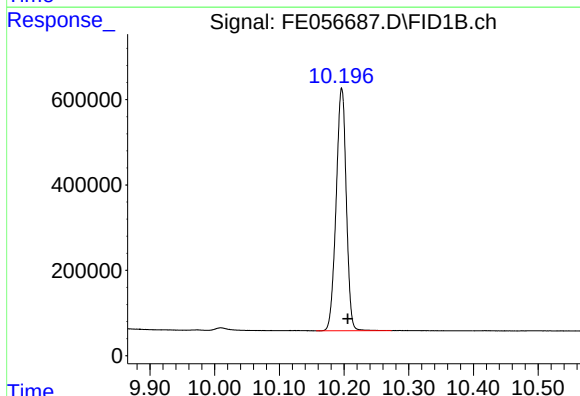
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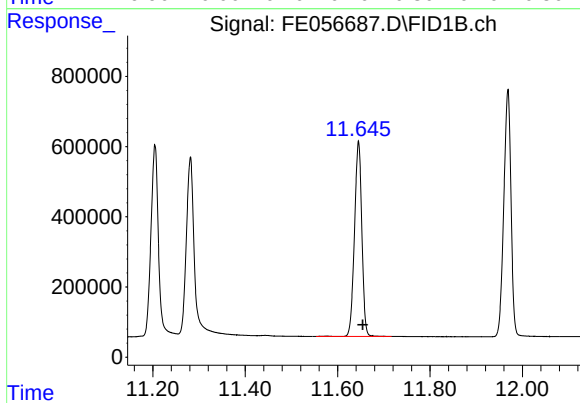
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.007 min
Response: 6132969
Conc: 35.14 ug/ml



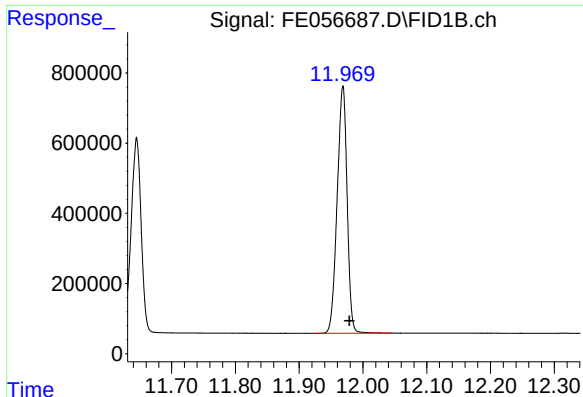
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.009 min
Response: 6190072
Conc: 33.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.009 min
Response: 6124818
Conc: 32.36 ug/ml



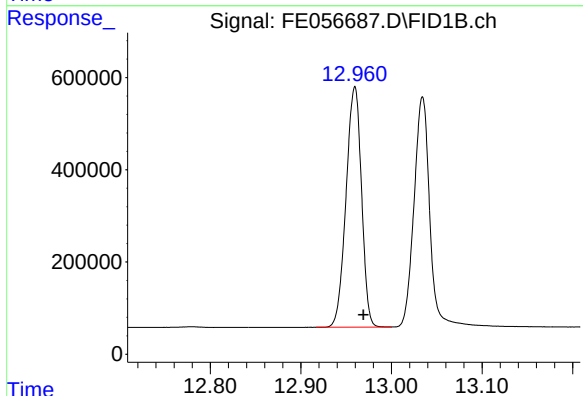
#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min
Delta R.T.: -0.010 min
Response: 7637365
Conc: 36.56 ug/ml

Instrument :
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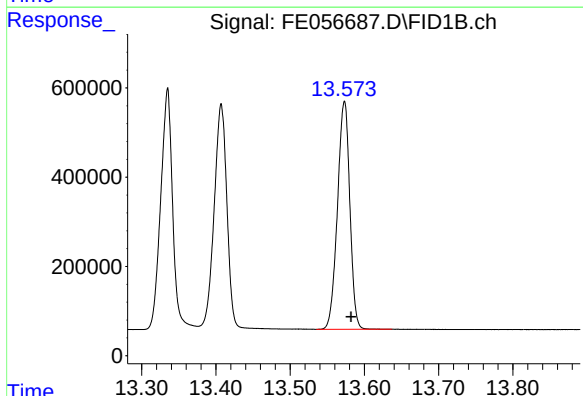
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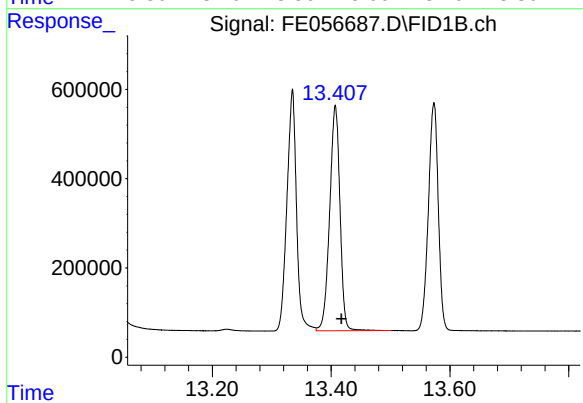
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.010 min
Response: 6185589
Conc: 33.19 ug/ml



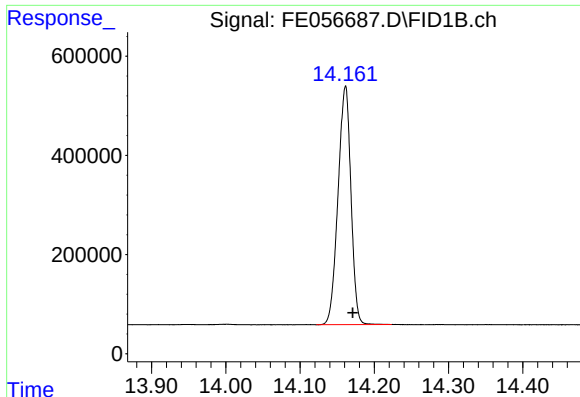
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.009 min
Response: 5915906
Conc: 32.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: -0.010 min
Response: 6093453
Conc: 37.82 ug/ml



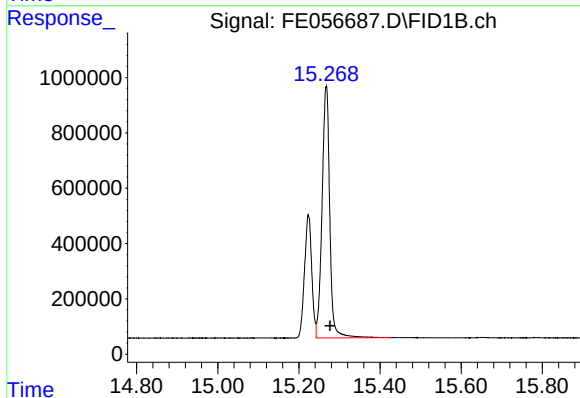
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: -0.010 min
Response: 5812413
Conc: 31.05 ug/ml

Instrument :
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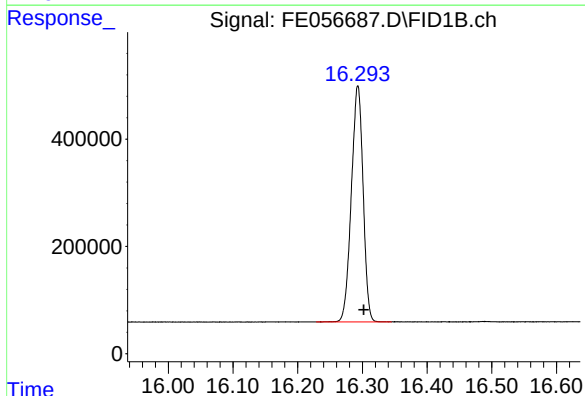
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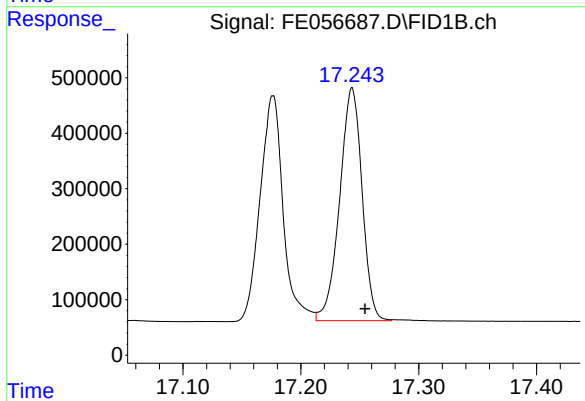
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: -0.010 min
Response: 11972691
Conc: 61.13 ug/ml



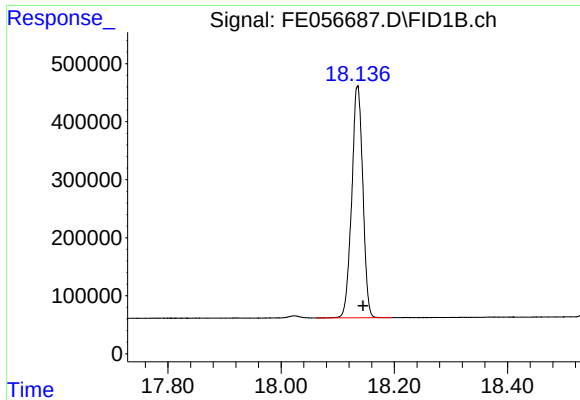
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: -0.009 min
Response: 5543712
Conc: 28.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: -0.011 min
Response: 5541125
Conc: 28.61 ug/ml m



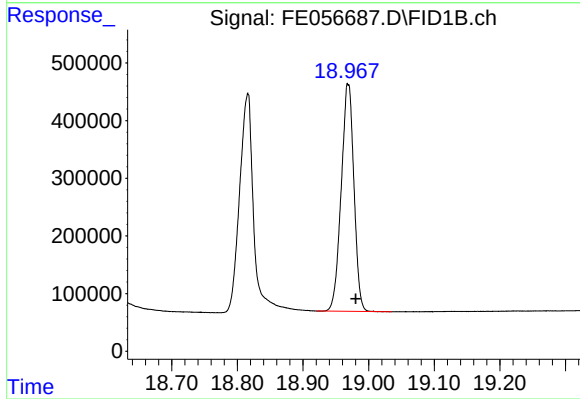
#17 n-Tricontane (C30)

R.T.: 18.135 min
Delta R.T.: -0.010 min
Response: 5437844
Conc: 27.12 ug/ml

Instrument :
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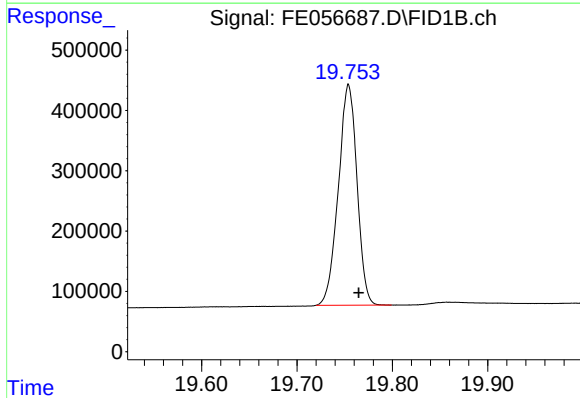
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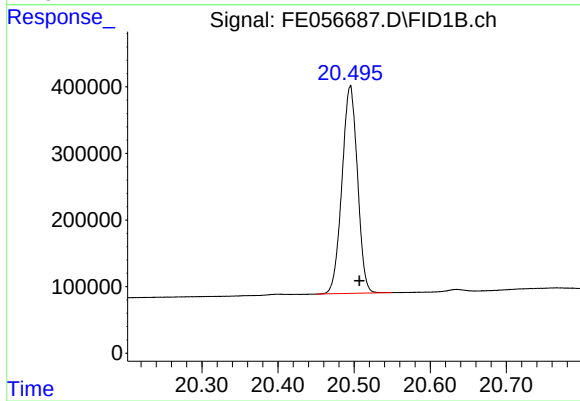
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: -0.012 min
Response: 5311495
Conc: 27.01 ug/ml



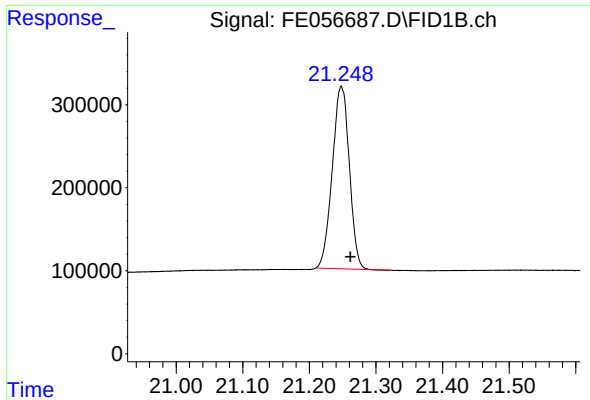
#19 n-Tetratriacontane (C34)

R.T.: 19.754 min
Delta R.T.: -0.011 min
Response: 4975059
Conc: 28.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: -0.012 min
Response: 4405913
Conc: 30.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.248 min
Delta R.T.: -0.014 min
Response: 3903780
Conc: 31.02 ug/ml

Instrument :

FID_E

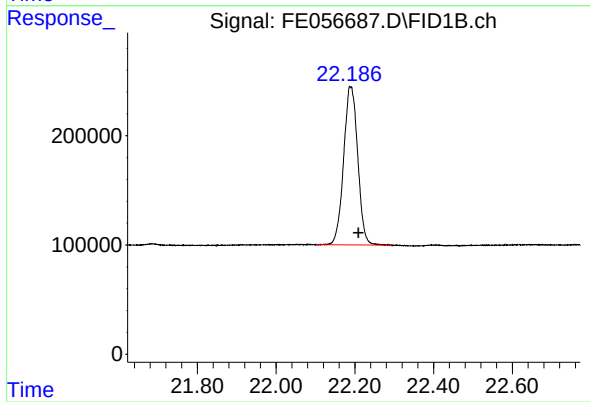
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#22 n-Tetracontane (C40)

R.T.: 22.189 min
Delta R.T.: -0.020 min
Response: 3599881
Conc: 31.14 ug/ml