

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056638.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 16:26
 Operator : YP\AJ
 Sample : PB170373BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170373BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: sample.E
 Quant Time: Nov 04 00:41:00 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	7641354	36.577 ug/ml
Spiked Amount 50.000		Recovery =	73.15%
12) S 1-chlorooctadecane (S...	13.406	6167742	38.281 ug/ml
Spiked Amount 50.000		Recovery =	76.56%
Target Compounds			
1) T n-Nonane (C9)	3.331	4811789	28.648 ug/ml
2) T n-Decane (C10)	4.579	5141130	29.961 ug/mlm
3) T A~Naphthalene (C11.7)	6.291	5934102	32.148 ug/ml
4) T n-Dodecane (C12)	6.749	5534749	31.822 ug/ml
5) T A~2-methylnaphthalene...	7.390	5655074	31.909 ug/ml
6) T n-Tetradecane (C14)	8.585	5924254	33.940 ug/ml
7) T n-Hexadecane (C16)	10.197	6173129	33.741 ug/ml
8) T n-Octadecane (C18)	11.645	6222040	32.874 ug/ml
10) T n-Eicosane (C20)	12.959	6361534	34.135 ug/ml
11) T n-Heneicosane (C21)	13.572	6110910	33.233 ug/ml
13) T n-Docosane (C22)	14.160	6029189	32.207 ug/ml
14) T n-Tetracosane (C24)	15.264	12316060	62.881 ug/ml
15) T n-Hexacosane (C26)	16.291	5741445	29.544 ug/ml
16) T n-Octacosane (C28)	17.241	5678904	29.324 ug/mlm
17) T n-Tricontane (C30)	18.133	5453854	27.202 ug/ml
18) T n-Dotriacontane (C32)	18.967	5262590	26.761 ug/ml
19) T n-Tetratriacontane (C34)	19.752	4990121	28.910 ug/ml
20) T n-Hexatriacontane (C36)	20.493	4587000	31.710 ug/ml
21) T n-Octatriacontane (C38)	21.244	4226052	33.577 ug/mlm
22) T n-Tetracontane (C40)	22.185	3752089	32.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

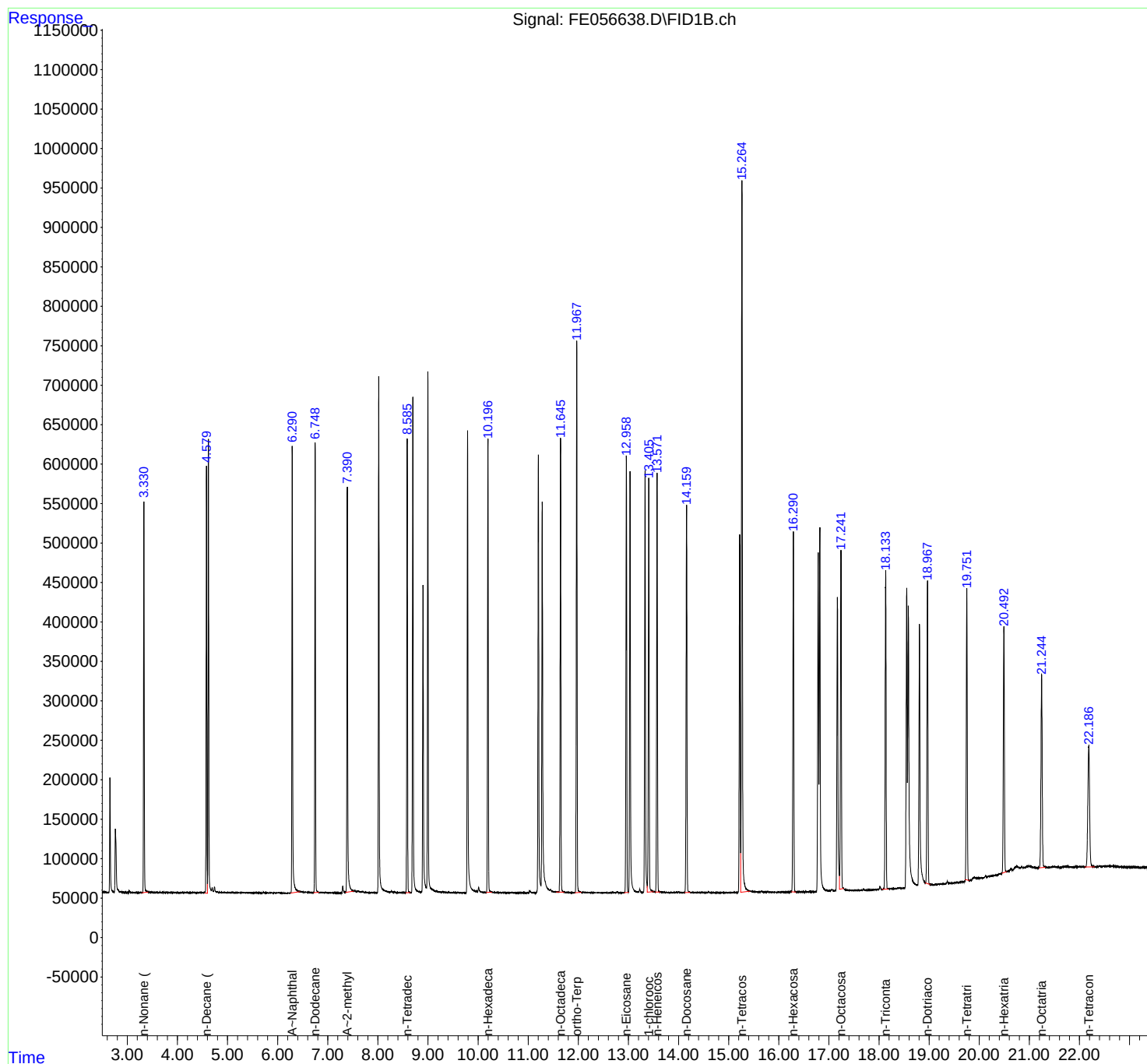
Instrument :
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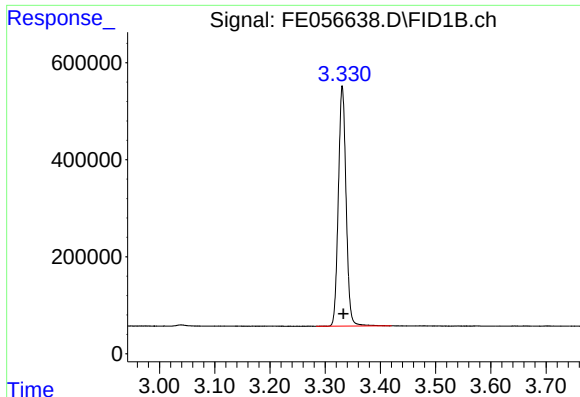
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 4811789
Conc: 28.65 ug/ml

Instrument :

FID_E

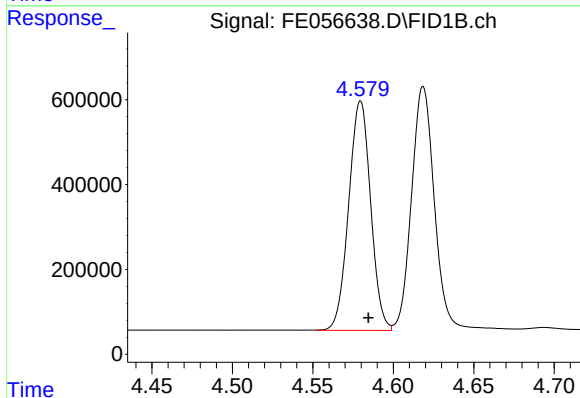
ClientSampleId :

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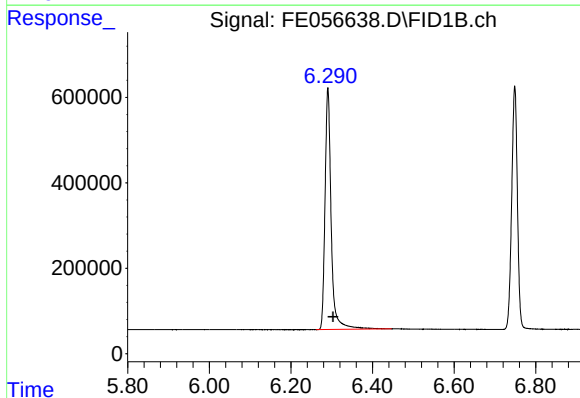
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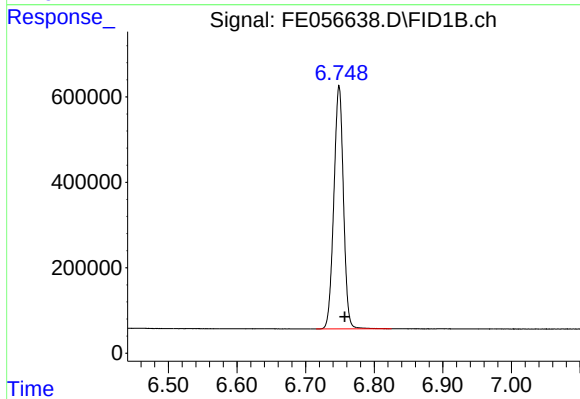
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.005 min
Response: 5141130
Conc: 29.96 ug/ml m



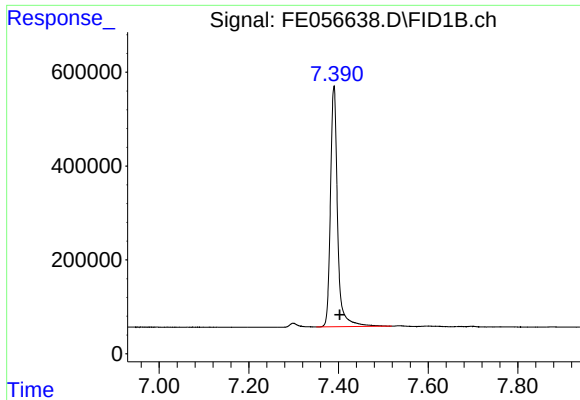
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.013 min
Response: 5934102
Conc: 32.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 5534749
Conc: 31.82 ug/ml



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

R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 5655074
Conc: 31.91 ug/ml

Instrument :

FID_E

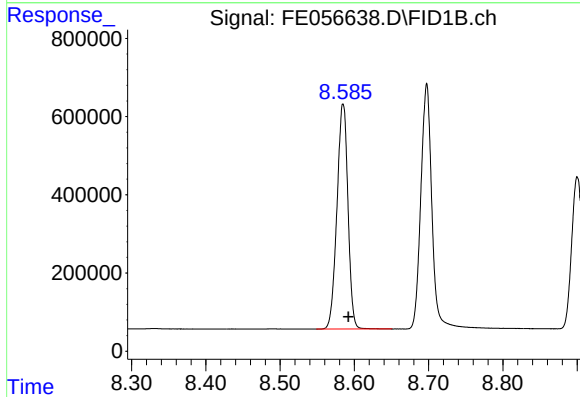
ClientSampleId :

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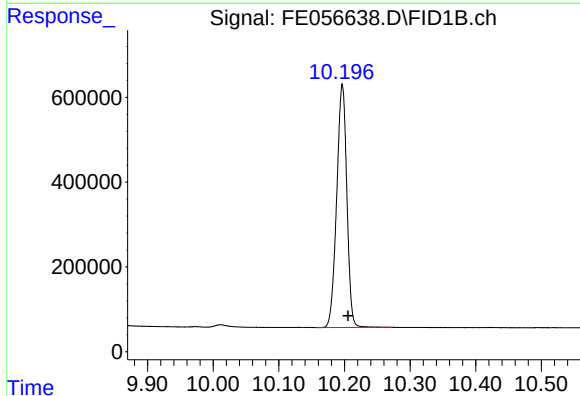
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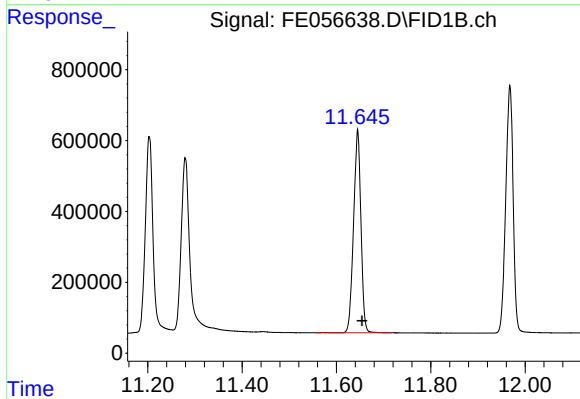
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.007 min
Response: 5924254
Conc: 33.94 ug/ml



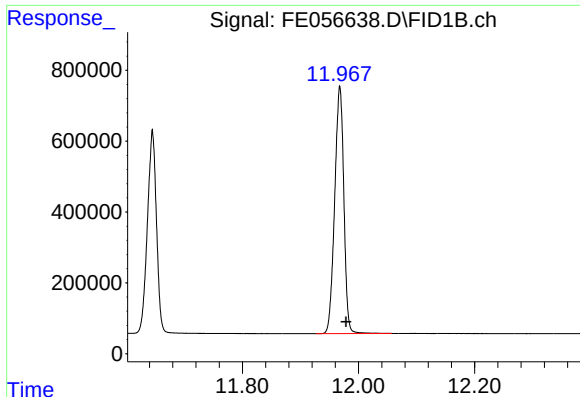
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.009 min
Response: 6173129
Conc: 33.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.009 min
Response: 6222040
Conc: 32.87 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min
Delta R.T.: -0.011 min
Response: 7641354
Conc: 36.58 ug/ml

Instrument :

FID_E

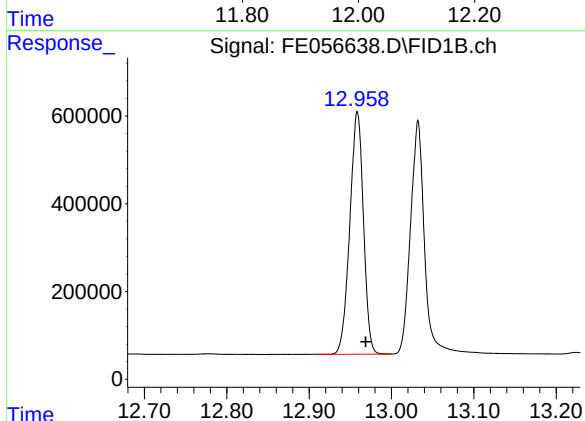
ClientSampleId :

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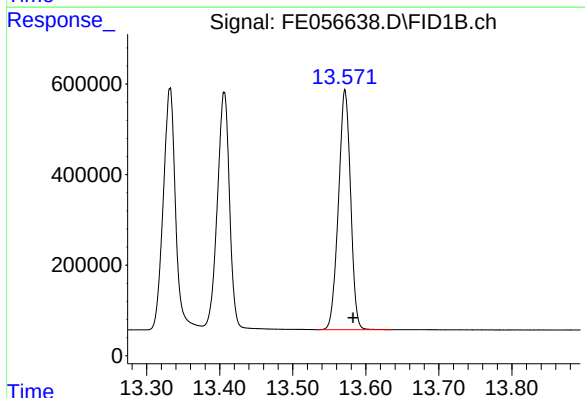
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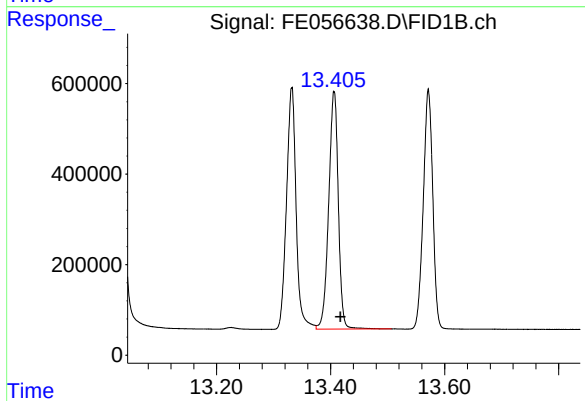
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.010 min
Response: 6361534
Conc: 34.14 ug/ml



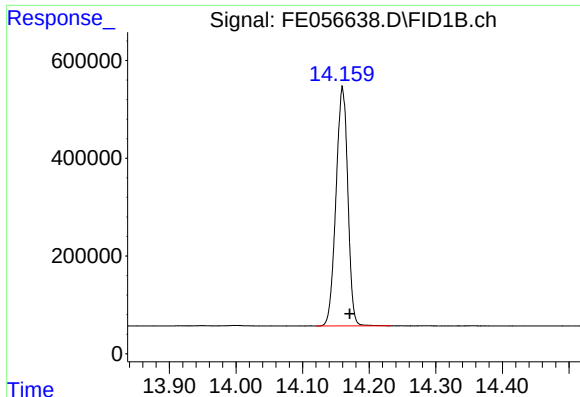
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.011 min
Response: 6110910
Conc: 33.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.011 min
Response: 6167742
Conc: 38.28 ug/ml



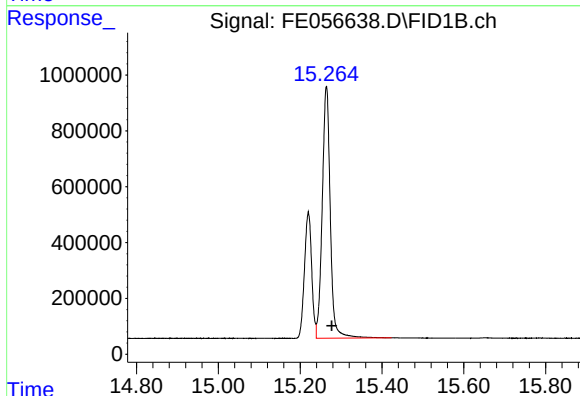
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.011 min
Response: 6029189
Conc: 32.21 ug/ml

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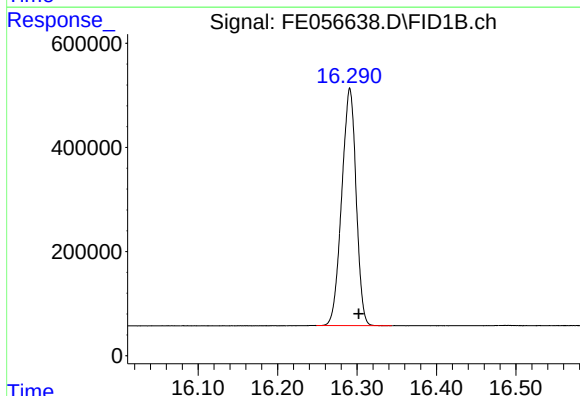
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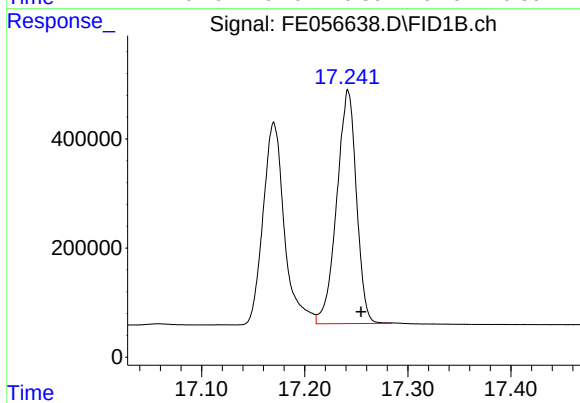
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.013 min
Response: 12316060
Conc: 62.88 ug/ml



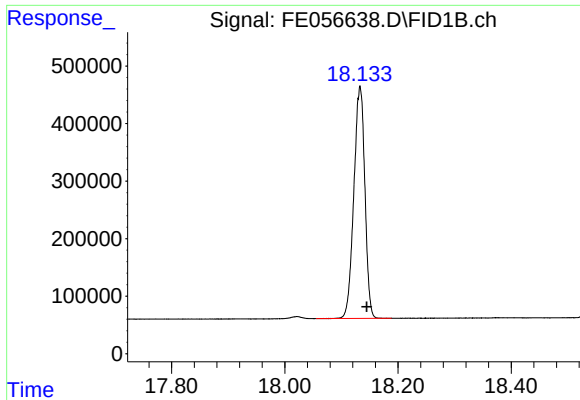
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: -0.011 min
Response: 5741445
Conc: 29.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: -0.013 min
Response: 5678904
Conc: 29.32 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: -0.012 min
Response: 5453854
Conc: 27.20 ug/ml

Instrument :

FID_E

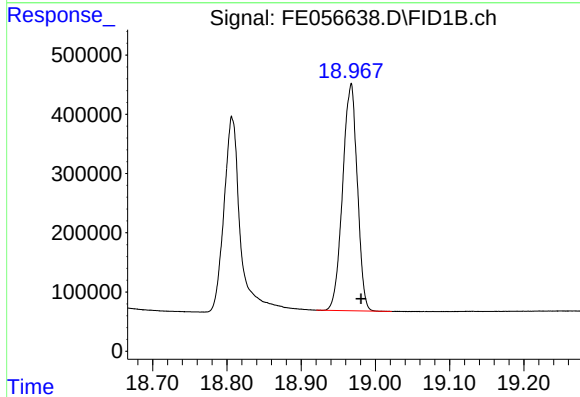
ClientSampleId :

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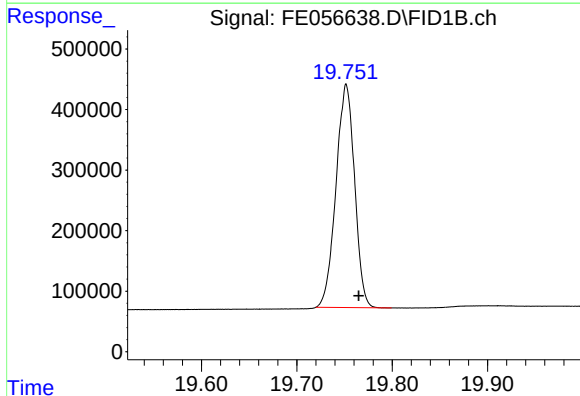
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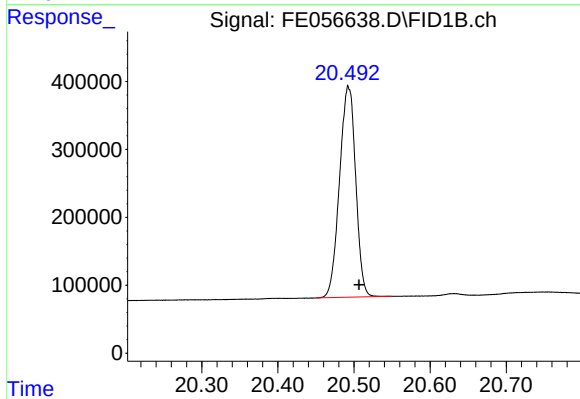
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: -0.014 min
Response: 5262590
Conc: 26.76 ug/ml



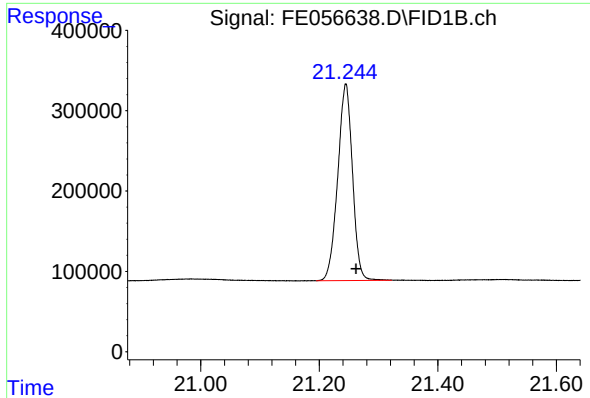
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: -0.013 min
Response: 4990121
Conc: 28.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.493 min
Delta R.T.: -0.014 min
Response: 4587000
Conc: 31.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.244 min
Delta R.T.: -0.018 min
Response: 4226052
Conc: 33.58 ug/ml

Instrument :

FID_E

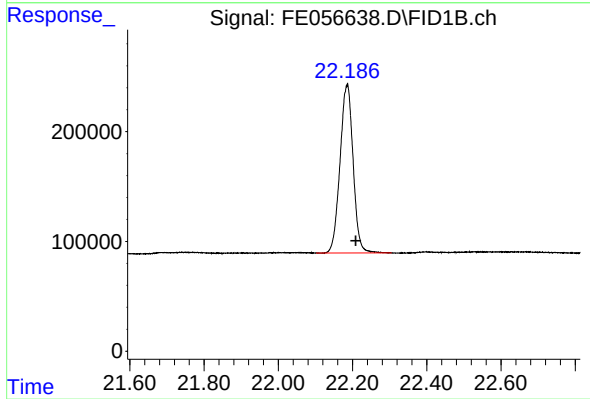
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#22 n-Tetracontane (C40)

R.T.: 22.185 min
Delta R.T.: -0.023 min
Response: 3752089
Conc: 32.45 ug/ml