

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112125AL\
 Data File : FE056994.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2025 22:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File: autoint1.e
 Quant Time: Nov 21 23:09:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.945	3917920	18.754 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
12) S 1-chlorooctadecane (S...	13.382	2969662	18.432 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T n-Nonane (C9)	3.306	3512279	20.911 ug/ml
2) T n-Decane (C10)	4.558	3629807	21.153 ug/ml
3) T A~Naphthalene (C11.7)	6.274	3676030	19.915 ug/ml
4) T n-Dodecane (C12)	6.730	3673790	21.122 ug/ml
5) T A~2-methylnaphthalene...	7.373	3477597	19.623 ug/ml
6) T n-Tetradecane (C14)	8.563	3627619	20.782 ug/ml
7) T n-Hexadecane (C16)	10.175	3679745	20.113 ug/ml
8) T n-Octadecane (C18)	11.622	3684570	19.467 ug/ml
10) T n-Eicosane (C20)	12.935	3491229	18.733 ug/ml
11) T n-Heneicosane (C21)	13.548	3400405	18.492 ug/ml
13) T n-Docosane (C22)	14.136	3401833	18.172 ug/ml
14) T n-Tetracosane (C24)	15.241	3373863	17.226 ug/ml
15) T n-Hexacosane (C26)	16.265	3342994	17.202 ug/ml
16) T n-Octacosane (C28)	17.217	3404336	17.579 ug/ml
17) T n-Tricontane (C30)	18.107	3608760	17.999 ug/ml
18) T n-Dotriacontane (C32)	18.942	3647876	18.550 ug/ml
19) T n-Tetratriacontane (C34)	19.727	3399898	19.697 ug/ml
20) T n-Hexatriacontane (C36)	20.467	3010521	20.812 ug/mlm
21) T n-Octatriacontane (C38)	21.216	2793697	22.197 ug/ml
22) T n-Tetracontane (C40)	22.147	2727943	23.595 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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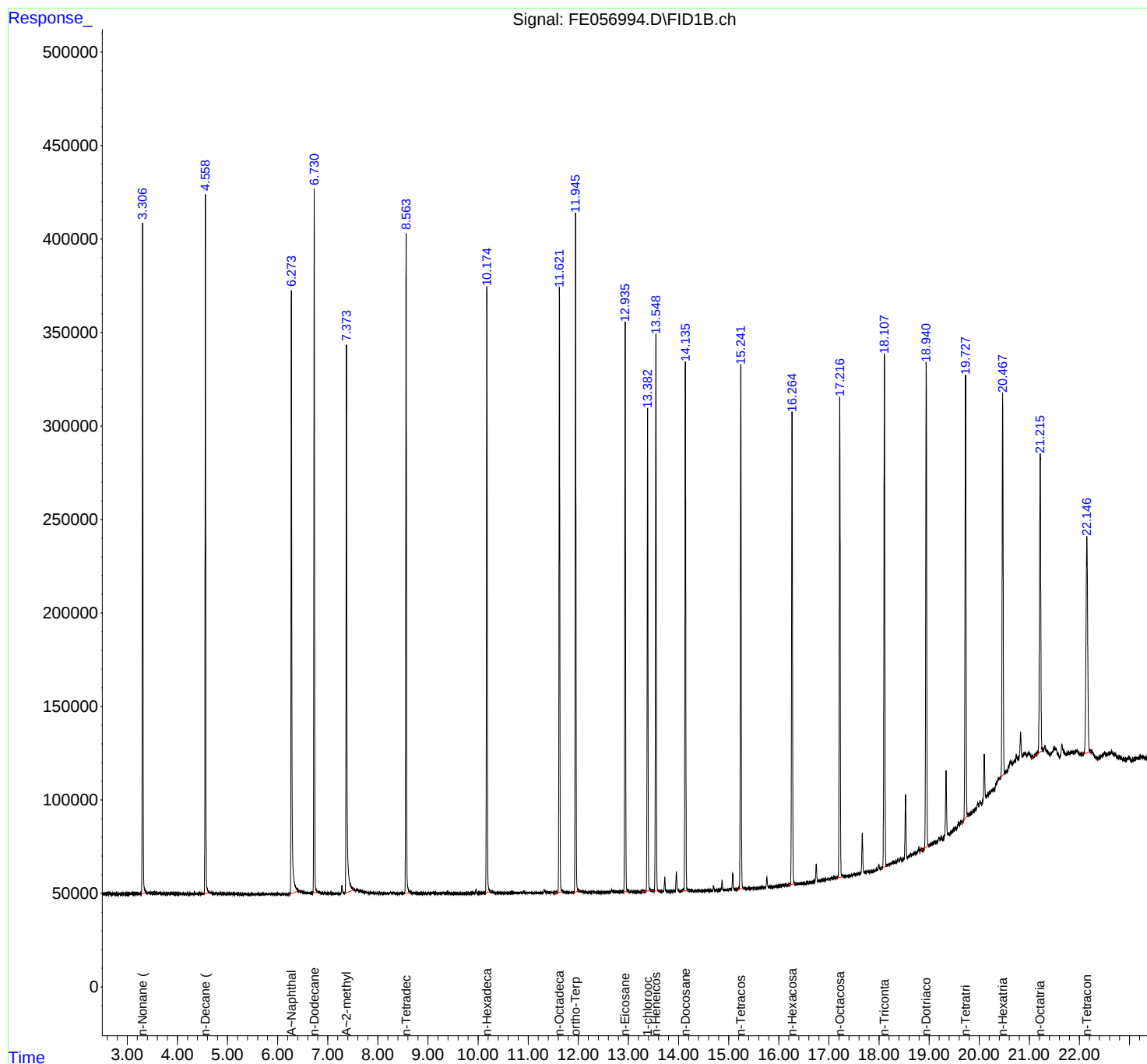
Instrument :
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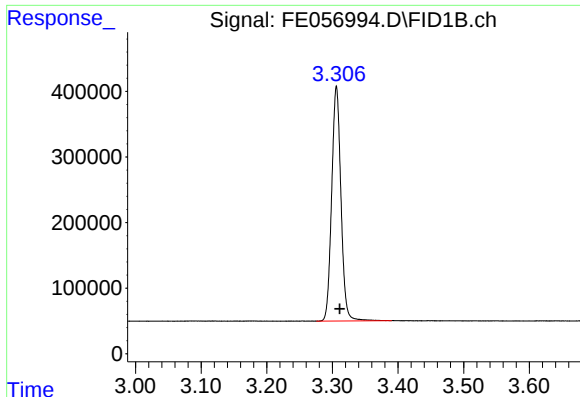
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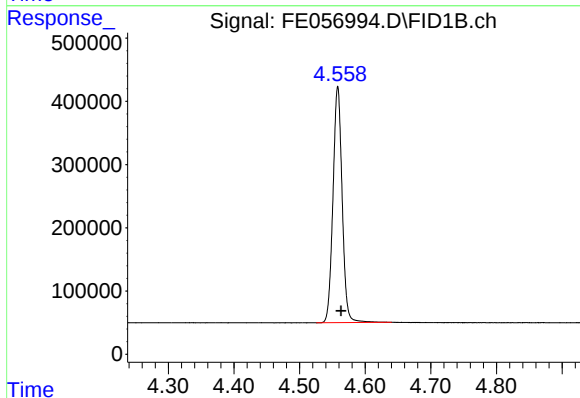
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.005 min
Response: 3512279
Conc: 20.91 ug/ml

Instrument :
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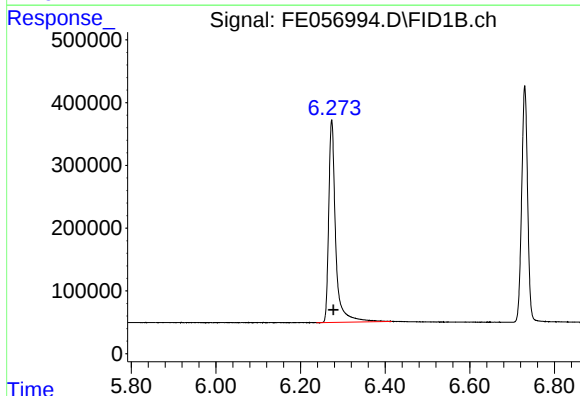
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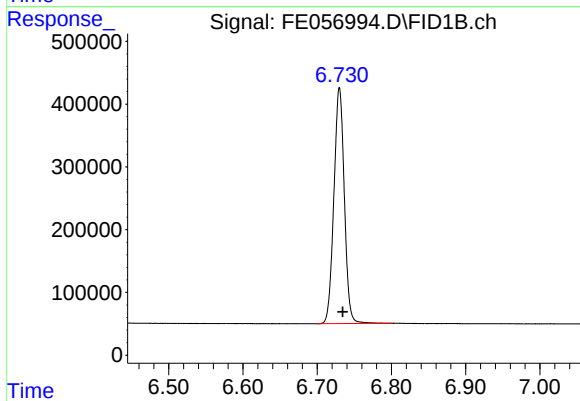
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 3629807
Conc: 21.15 ug/ml



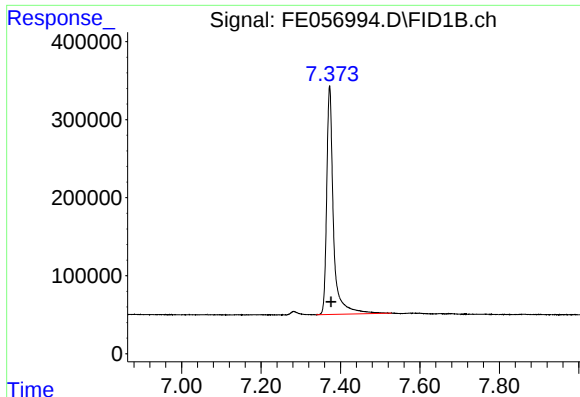
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.004 min
Response: 3676030
Conc: 19.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: -0.004 min
Response: 3673790
Conc: 21.12 ug/ml



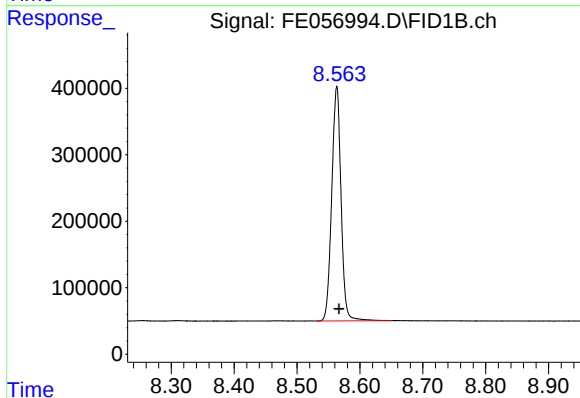
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: -0.004 min
Response: 3477597
Conc: 19.62 ug/ml

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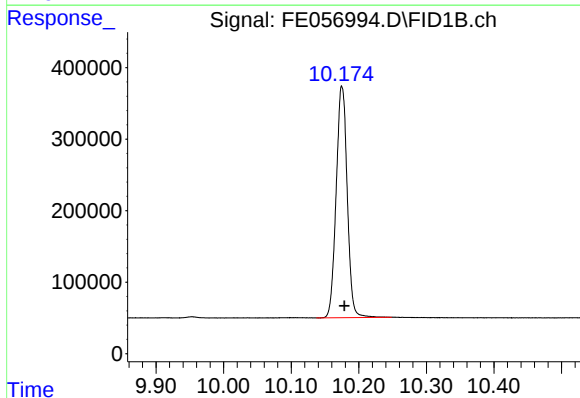
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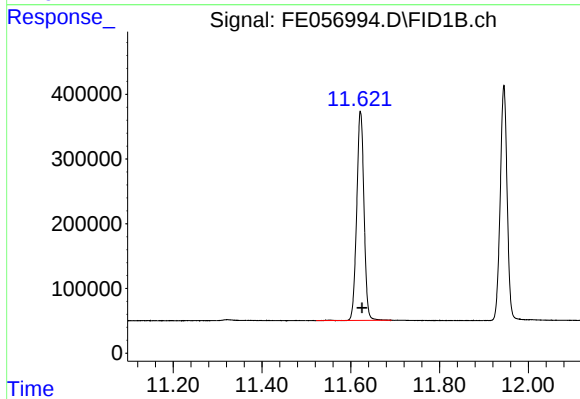
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 3627619
Conc: 20.78 ug/ml



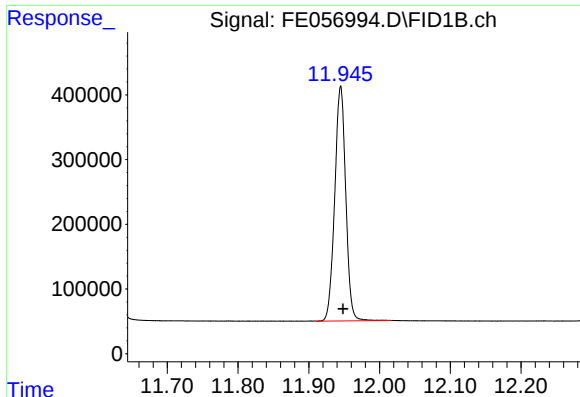
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.003 min
Response: 3679745
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.004 min
Response: 3684570
Conc: 19.47 ug/ml



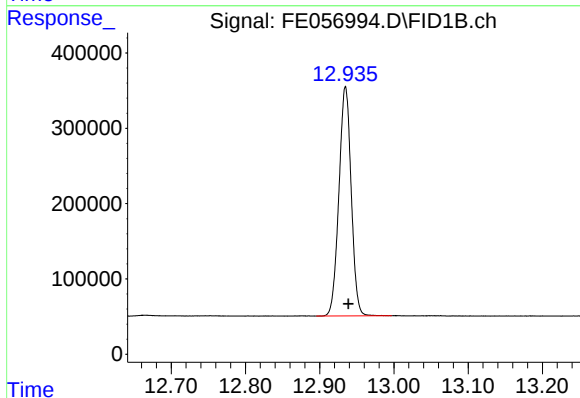
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.004 min
Response: 3917920
Conc: 18.75 ug/ml

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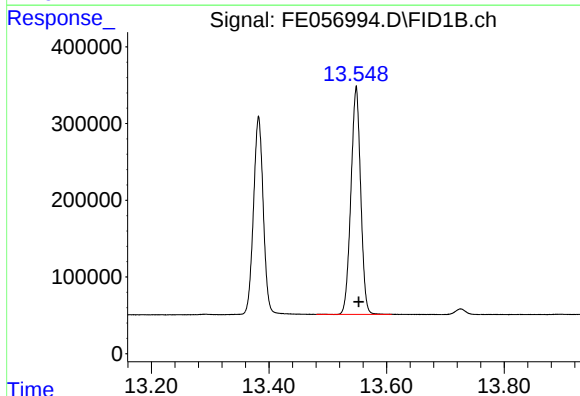
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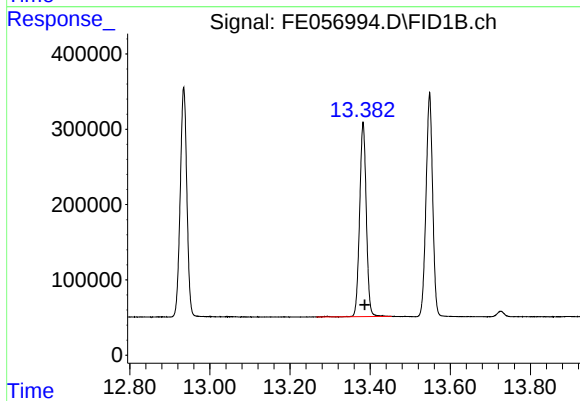
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.004 min
Response: 3491229
Conc: 18.73 ug/ml



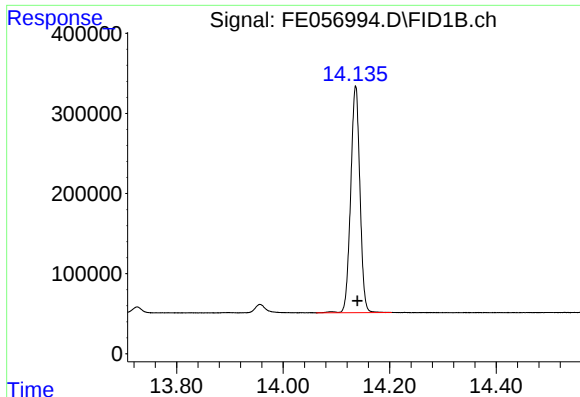
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.004 min
Response: 3400405
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.004 min
Response: 2969662
Conc: 18.43 ug/ml



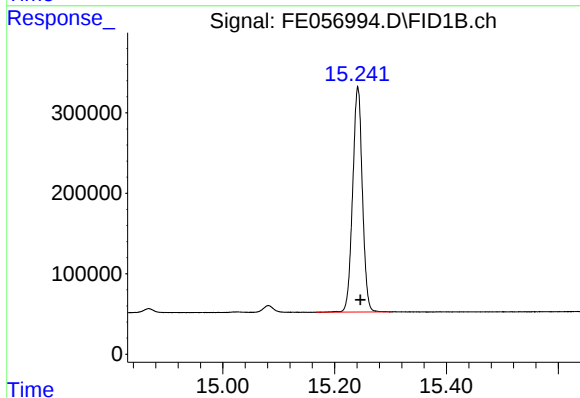
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: -0.004 min
Response: 3401833
Conc: 18.17 ug/ml

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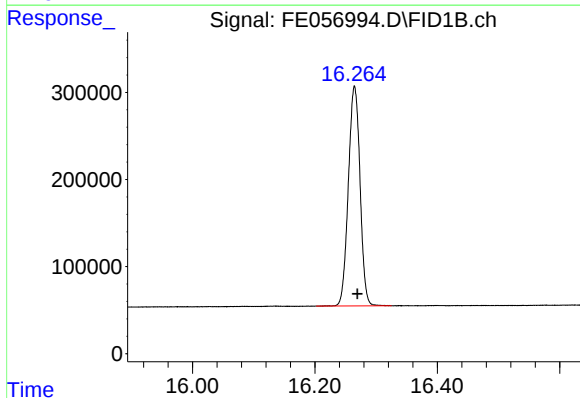
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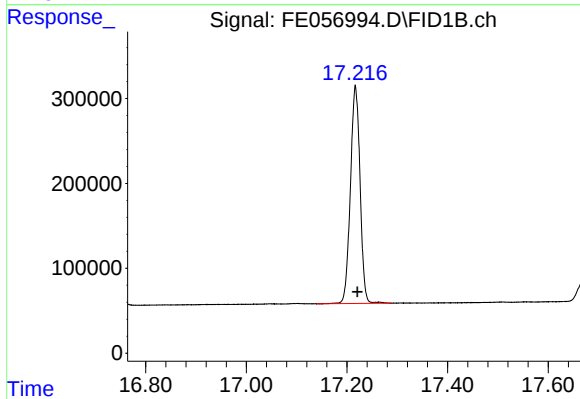
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.005 min
Response: 3373863
Conc: 17.23 ug/ml



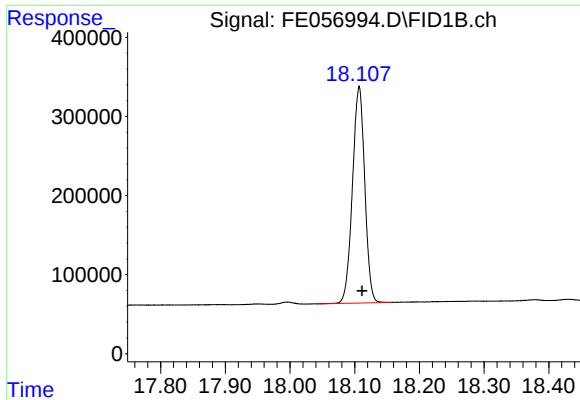
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: -0.005 min
Response: 3342994
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.004 min
Response: 3404336
Conc: 17.58 ug/ml



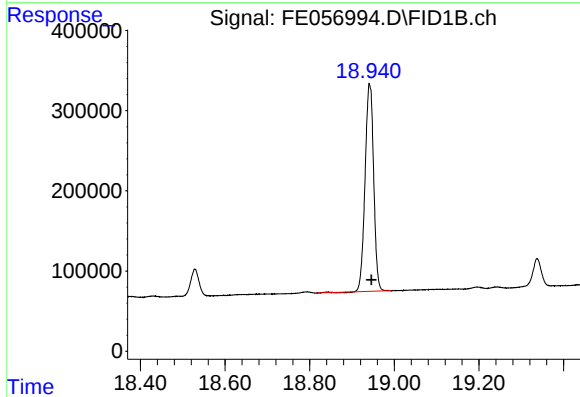
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.005 min
Response: 3608760
Conc: 18.00 ug/ml

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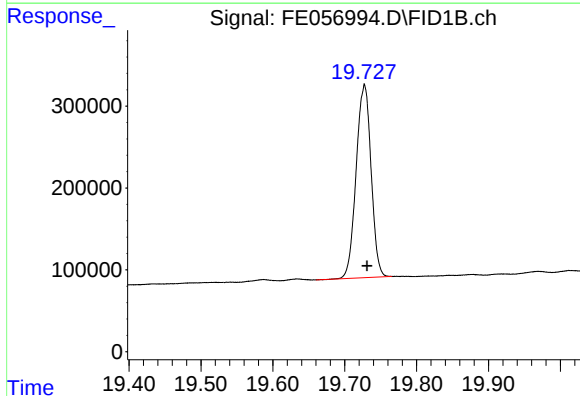
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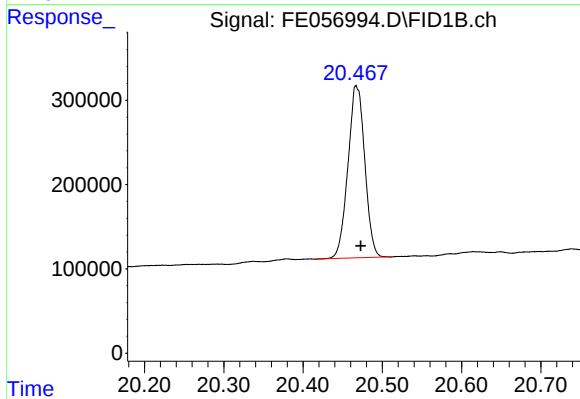
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.004 min
Response: 3647876
Conc: 18.55 ug/ml



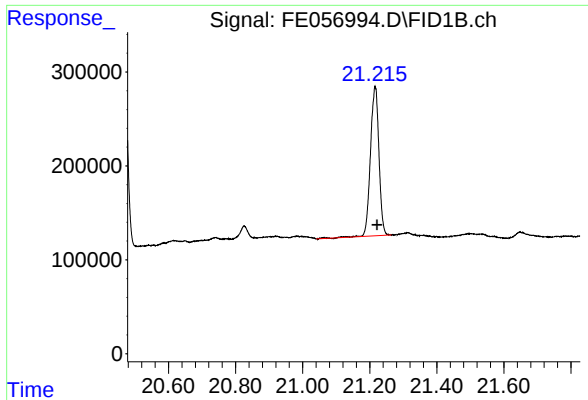
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.004 min
Response: 3399898
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.006 min
Response: 3010521
Conc: 20.81 ug/ml m



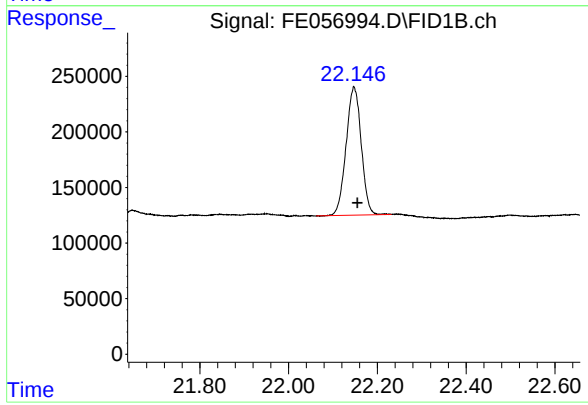
#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: -0.006 min
Response: 2793697
Conc: 22.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: -0.008 min
Response: 2727943
Conc: 23.60 ug/ml