

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056804.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 06:58
 Operator : YP\AJ
 Sample : PB170496BSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170496BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:27:01 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			
12) S 1-chlorooctadecane (S...	13.389	3602185	22.358 ug/ml
Spiked Amount 50.000		Recovery =	44.72%
Target Compounds			
1) T n-Nonane (C9)	3.314	3815356	22.715 ug/ml
2) T n-Decane (C10)	4.566	4665007	27.186 ug/ml
4) T n-Dodecane (C12)	6.738	5364311	30.842 ug/ml
6) T n-Tetradecane (C14)	8.571	5707481	32.698 ug/ml
7) T n-Hexadecane (C16)	10.183	6173071	33.741 ug/ml
8) T n-Octadecane (C18)	11.630	6568829	34.706 ug/ml
10) T n-Eicosane (C20)	12.944	6805799	36.519 ug/ml
11) T n-Heneicosane (C21)	13.558	6774202	36.840 ug/ml
13) T n-Docosane (C22)	14.145	6741751	36.013 ug/ml
14) T n-Tetracosane (C24)	15.251	6598513	33.689 ug/ml
15) T n-Hexacosane (C26)	16.274	6405689	32.962 ug/ml
16) T n-Octacosane (C28)	17.226	6347017	32.774 ug/ml
17) T n-Tricontane (C30)	18.116	6431694	32.079 ug/ml
18) T n-Dotriacontane (C32)	18.951	6789467	34.526 ug/ml
19) T n-Tetratriacontane (C34)	19.736	6796369	39.374 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6581823	45.500 ug/mlm
21) T n-Octatriacontane (C38)	21.228	6555152	52.082 ug/ml
22) T n-Tetracontane (C40)	22.163	6759867	58.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170496BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

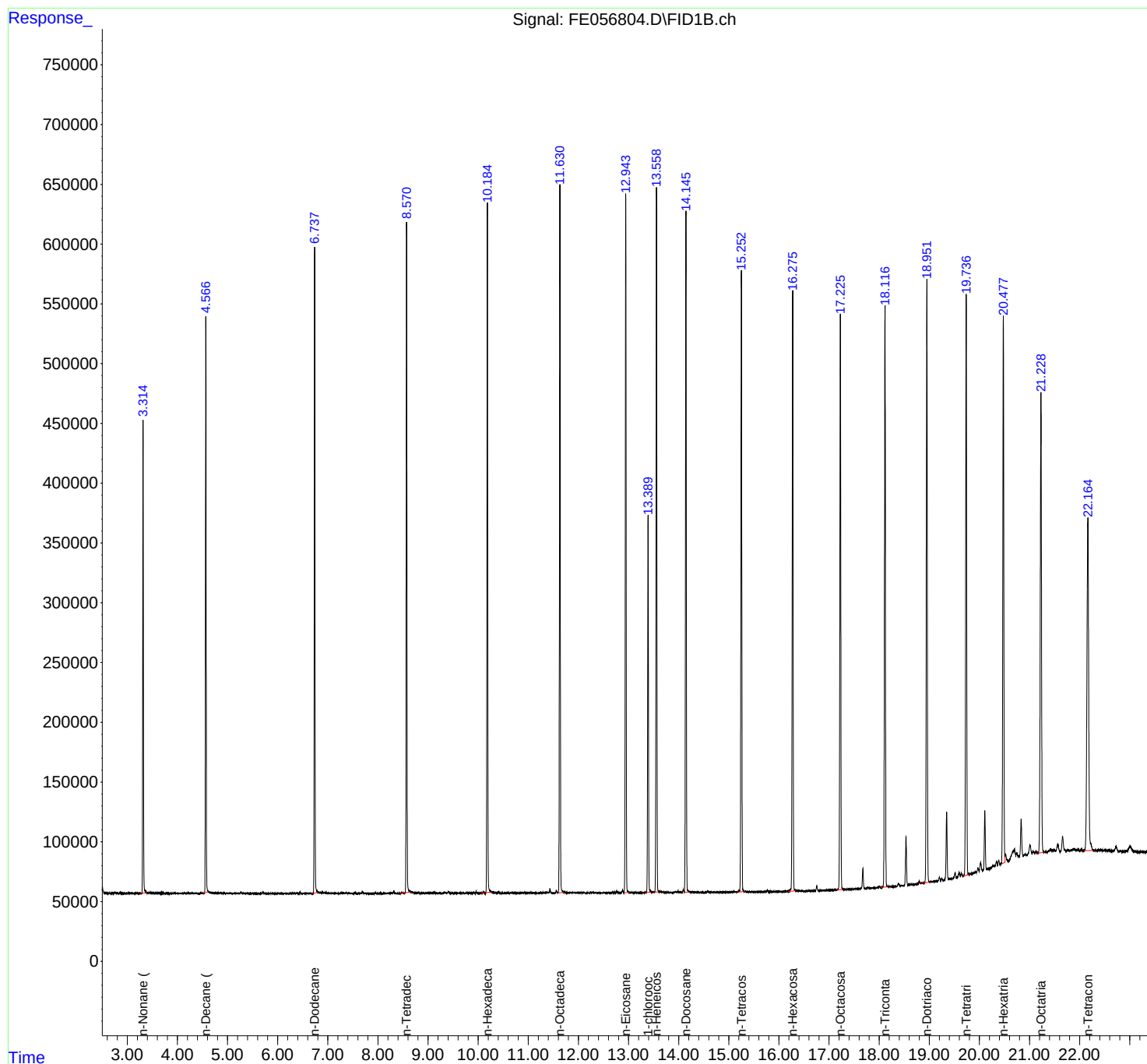
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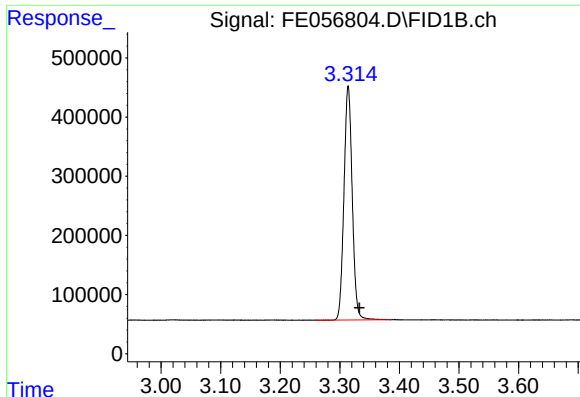
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.019 min
Response: 3815356
Conc: 22.72 ug/ml

Instrument :

FID_E

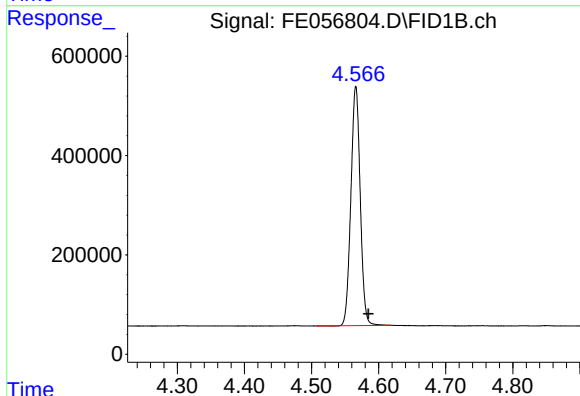
ClientSampleId :

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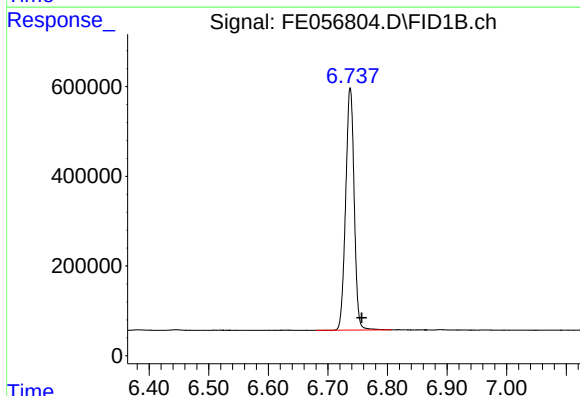
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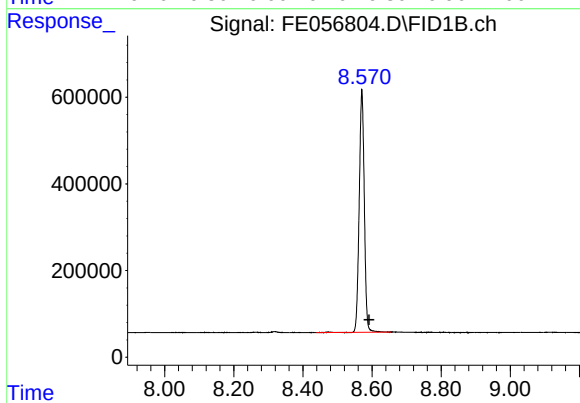
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.018 min
Response: 4665007
Conc: 27.19 ug/ml



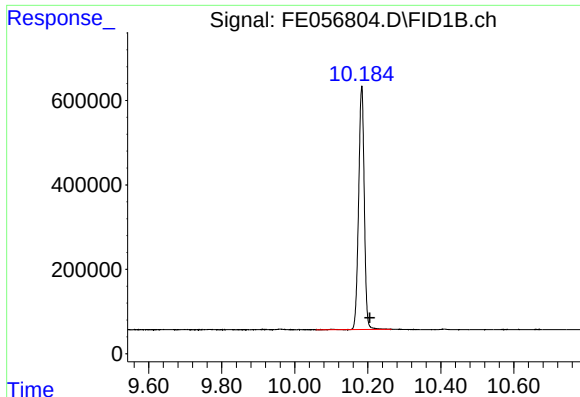
#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: -0.019 min
Response: 5364311
Conc: 30.84 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.021 min
Response: 5707481
Conc: 32.70 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 6173071
Conc: 33.74 ug/ml

Instrument :

FID_E

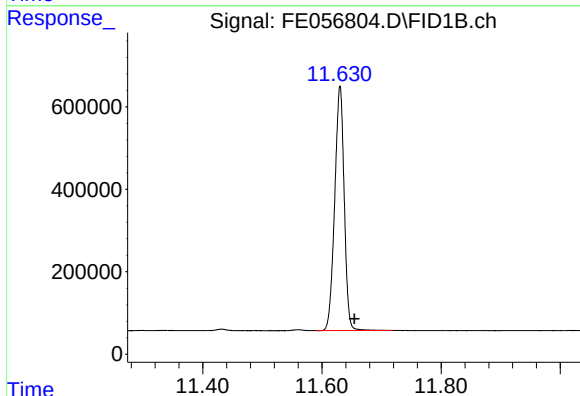
ClientSampleId :

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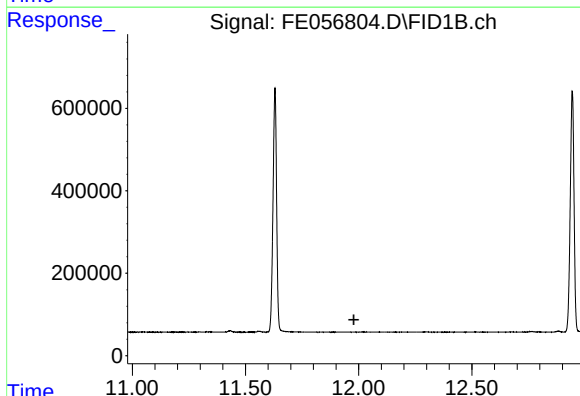
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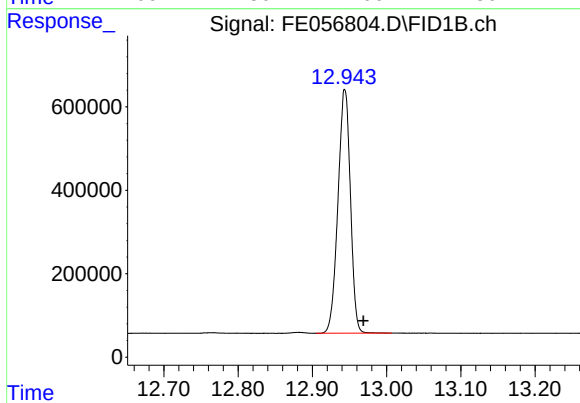
#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.024 min
Response: 6568829
Conc: 34.71 ug/ml



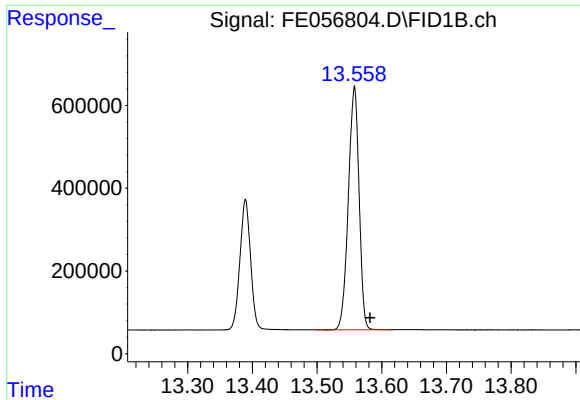
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.979 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.025 min
Response: 6805799
Conc: 36.52 ug/ml



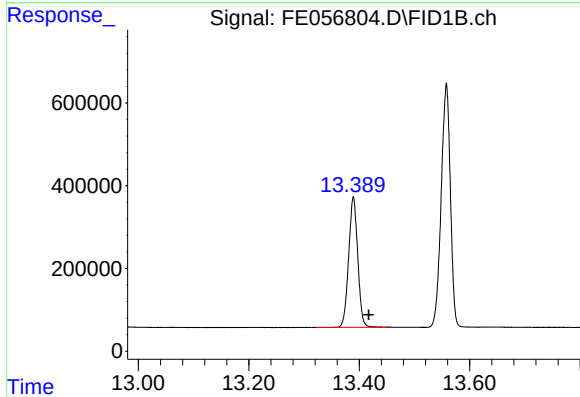
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.025 min
Response: 6774202
Conc: 36.84 ug/ml

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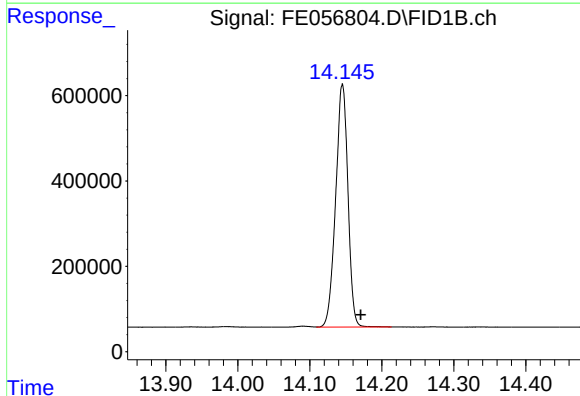
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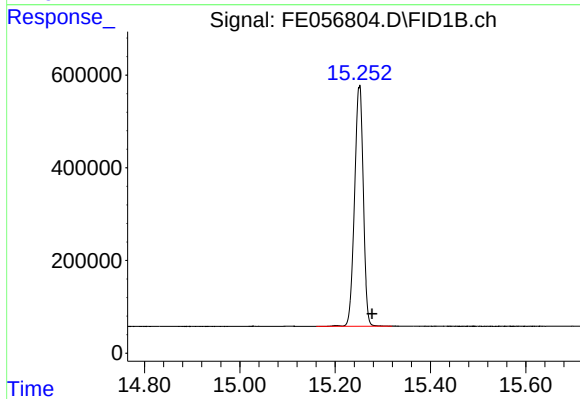
#12 1-chlorooctadecane (SURR)

R.T.: 13.389 min
Delta R.T.: -0.028 min
Response: 3602185
Conc: 22.36 ug/ml



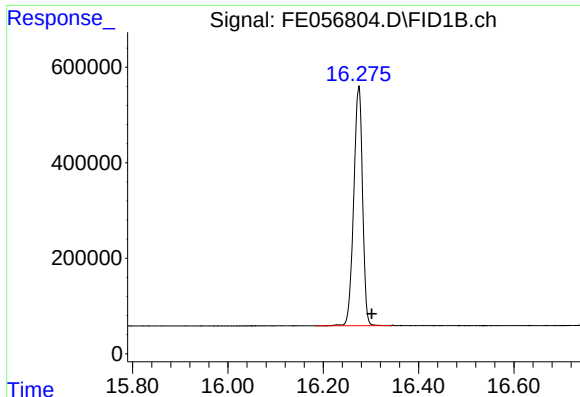
#13 n-Docosane (C22)

R.T.: 14.145 min
Delta R.T.: -0.026 min
Response: 6741751
Conc: 36.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.027 min
Response: 6598513
Conc: 33.69 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.028 min
Response: 6405689
Conc: 32.96 ug/ml

Instrument :

FID_E

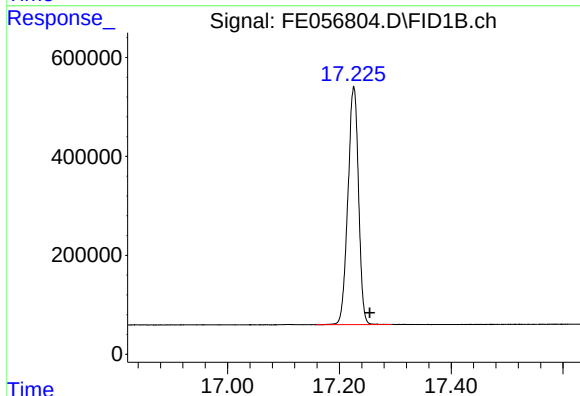
ClientSampleId :

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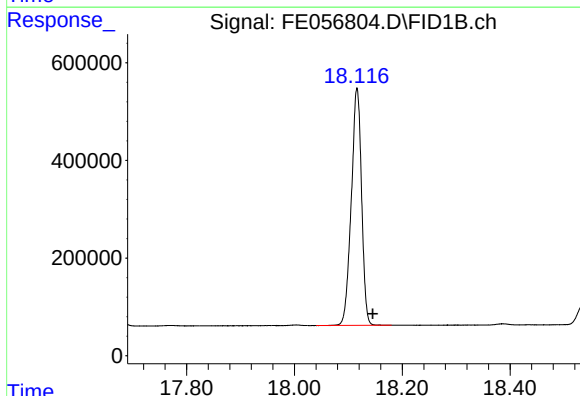
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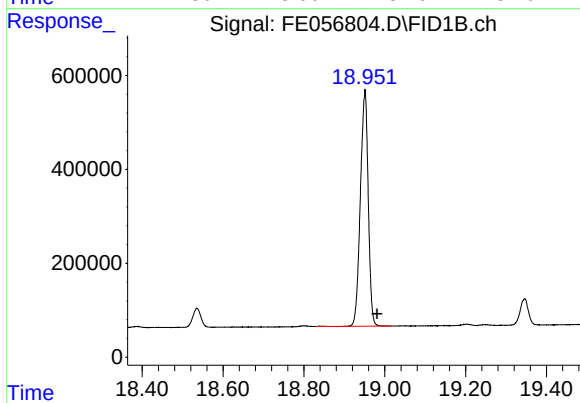
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.029 min
Response: 6347017
Conc: 32.77 ug/ml



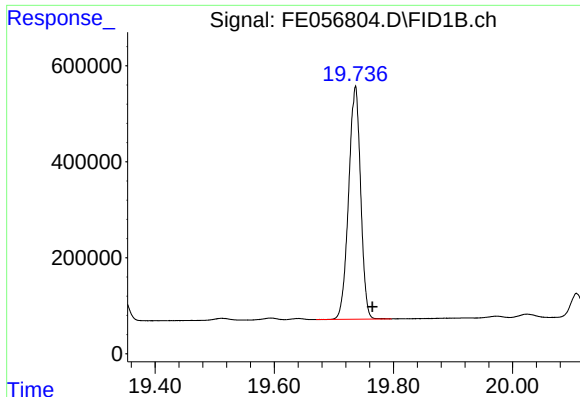
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 6431694
Conc: 32.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.030 min
Response: 6789467
Conc: 34.53 ug/ml



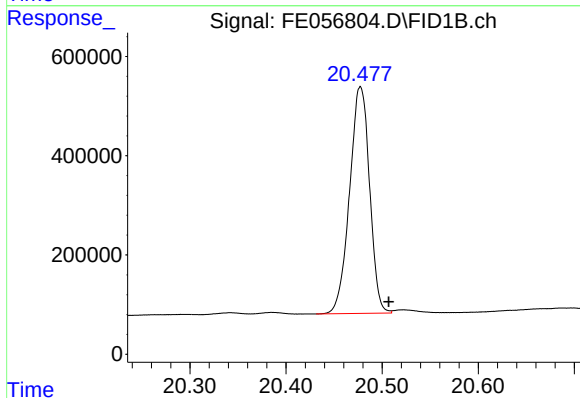
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.029 min
Response: 6796369
Conc: 39.37 ug/ml

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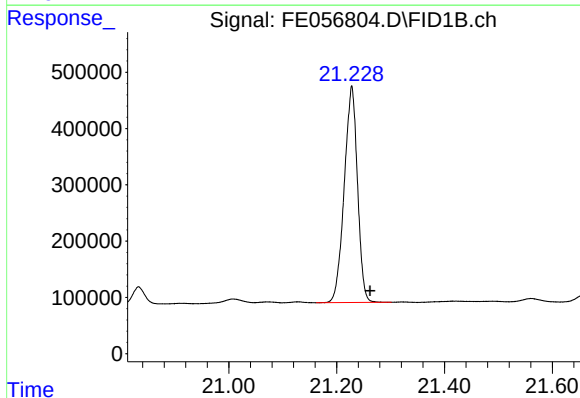
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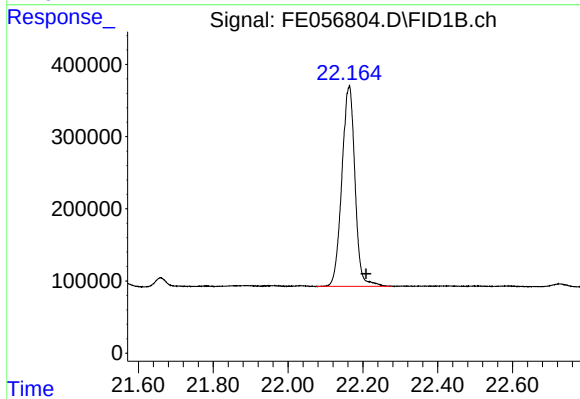
#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: -0.030 min
Response: 6581823
Conc: 45.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.228 min
Delta R.T.: -0.034 min
Response: 6555152
Conc: 52.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: -0.046 min
Response: 6759867
Conc: 58.47 ug/ml