

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110525AL\
 Data File : FE056668.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2025 10:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Yogesh Patel 11/06/2025

Integration File: autoint1.e
 Quant Time: Nov 06 02:07:02 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)	11.972	4068198	19.473 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	13.411	3059560	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.323	3459875	20.599 ug/ml
2) T n-Decane (C10)	4.577	3593849	20.944 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3743615	20.281 ug/ml
4) T n-Dodecane (C12)	6.751	3692688	21.231 ug/ml
5) T A~2-methylnaphthalene...	7.394	3577919	20.189 ug/ml
6) T n-Tetradecane (C14)	8.586	3647814	20.898 ug/ml
7) T n-Hexadecane (C16)	10.200	3754604	20.522 ug/ml
8) T n-Octadecane (C18)	11.649	3781582	19.980 ug/ml
10) T n-Eicosane (C20)	12.963	3607817	19.359 ug/ml
11) T n-Heneicosane (C21)	13.578	3518491	19.135 ug/ml
13) T n-Docosane (C22)	14.166	3496890	18.680 ug/ml
14) T n-Tetracosane (C24)	15.272	3506933	17.905 ug/ml
15) T n-Hexacosane (C26)	16.296	3417349	17.585 ug/ml
16) T n-Octacosane (C28)	17.250	3358767	17.343 ug/ml
17) T n-Tricontane (C30)	18.140	3441115	17.163 ug/ml
18) T n-Dotriacontane (C32)	18.975	3386422	17.221 ug/ml
19) T n-Tetratriacontane (C34)	19.761	3093593	17.922 ug/ml
20) T n-Hexatriacontane (C36)	20.503	2730988	18.879 ug/ml
21) T n-Octatriacontane (C38)	21.257	2633141	20.921 ug/ml
22) T n-Tetracontane (C40)	22.202	2648090	22.905 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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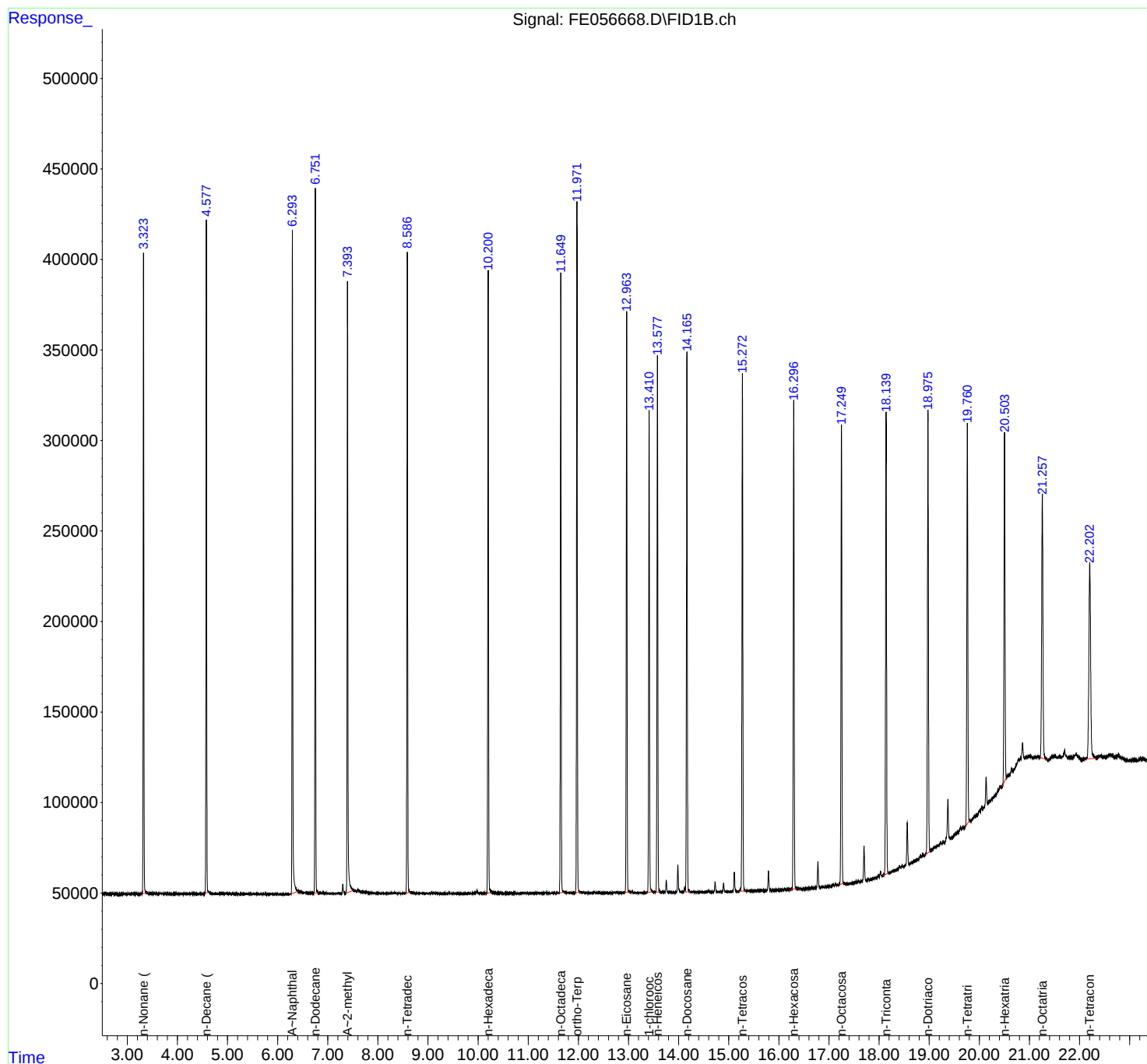
Instrument :
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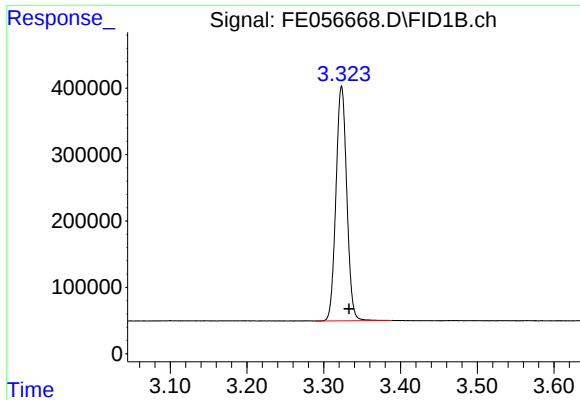
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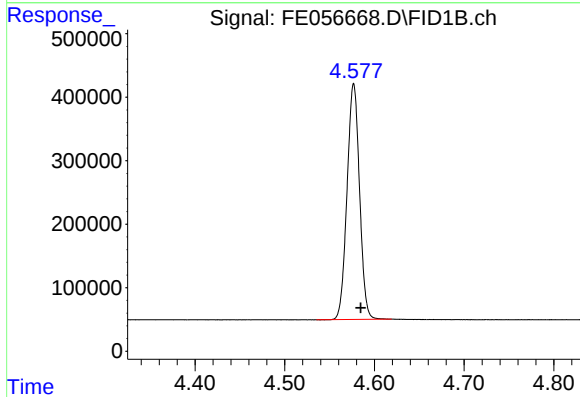
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.010 min
Response: 3459875
Conc: 20.60 ug/ml

Instrument :
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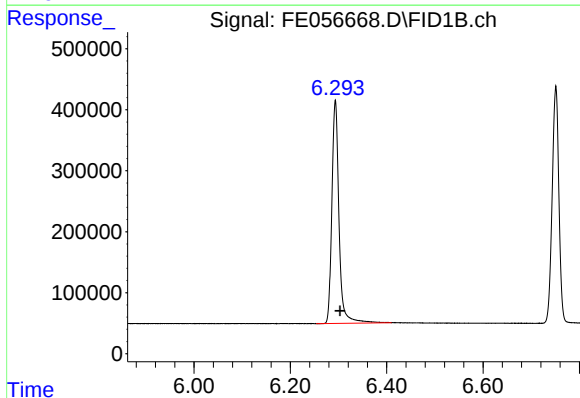
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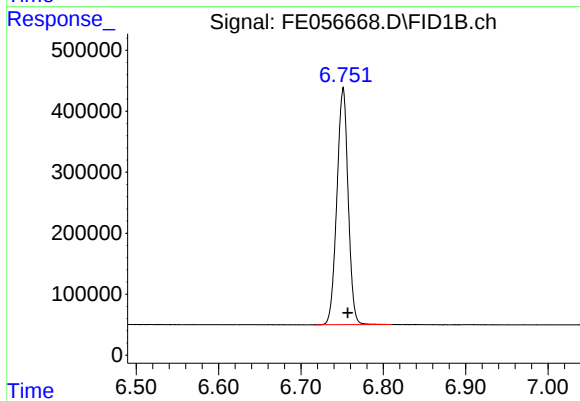
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.008 min
Response: 3593849
Conc: 20.94 ug/ml



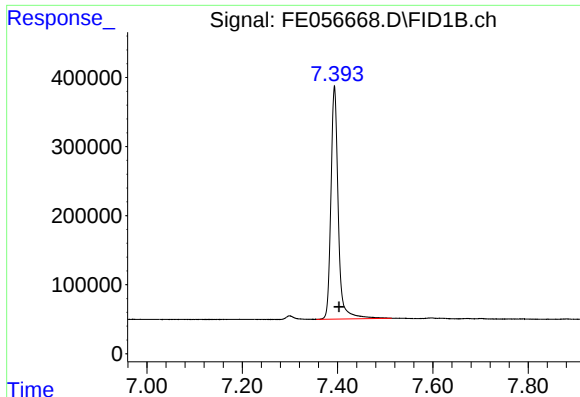
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.010 min
Response: 3743615
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 3692688
Conc: 21.23 ug/ml



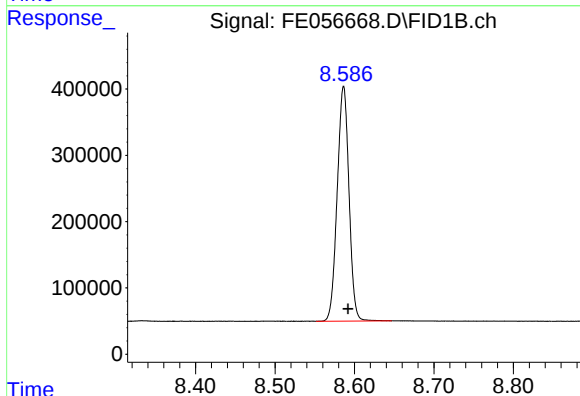
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 3577919
Conc: 20.19 ug/ml

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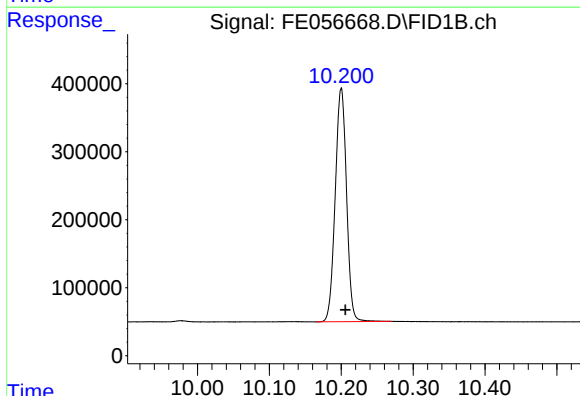
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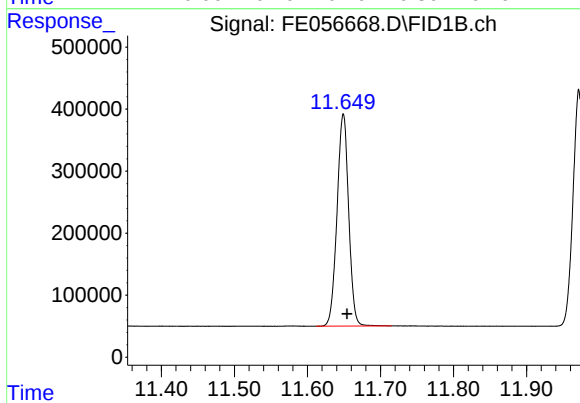
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.006 min
Response: 3647814
Conc: 20.90 ug/ml



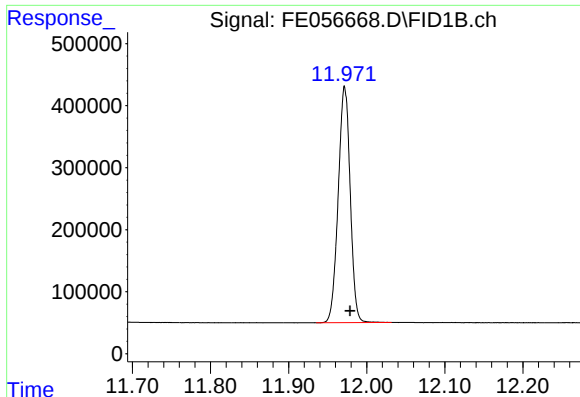
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.006 min
Response: 3754604
Conc: 20.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.005 min
Response: 3781582
Conc: 19.98 ug/ml



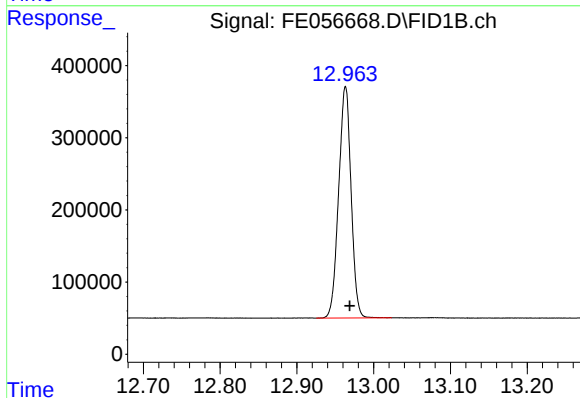
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.007 min
Response: 4068198
Conc: 19.47 ug/ml

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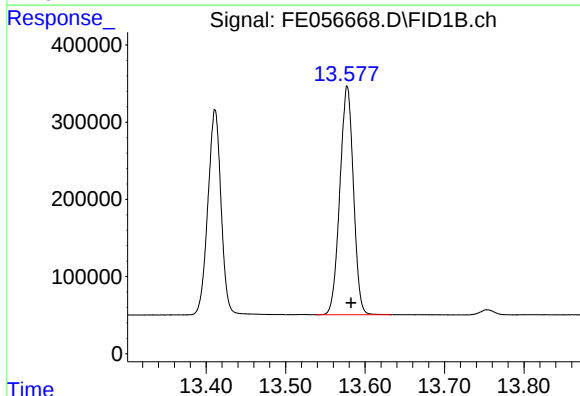
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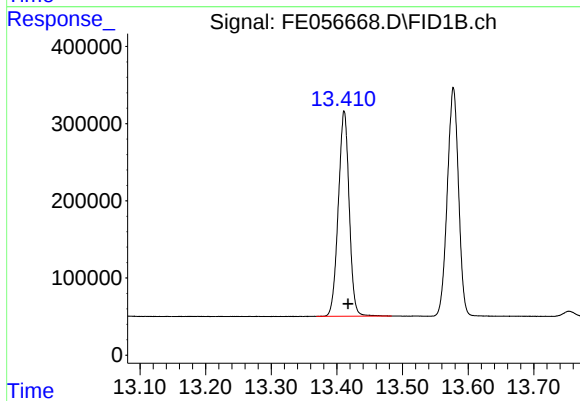
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.006 min
Response: 3607817
Conc: 19.36 ug/ml



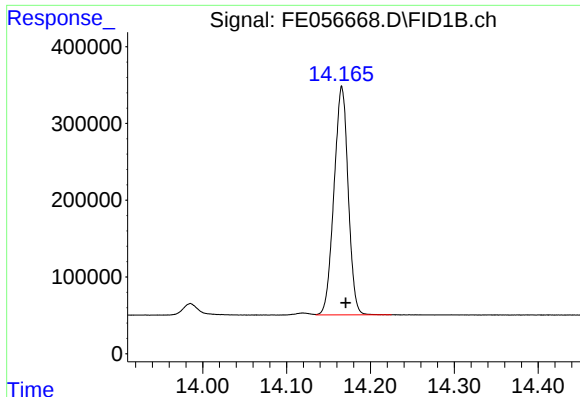
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.005 min
Response: 3518491
Conc: 19.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.006 min
Response: 3059560
Conc: 18.99 ug/ml



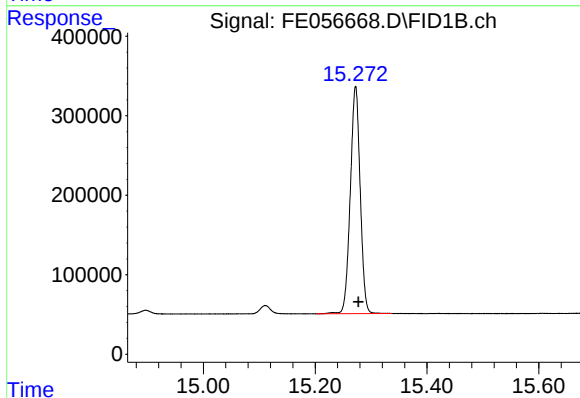
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: -0.005 min
Response: 3496890
Conc: 18.68 ug/ml

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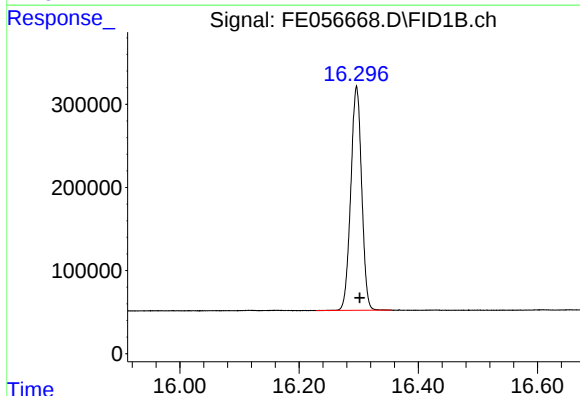
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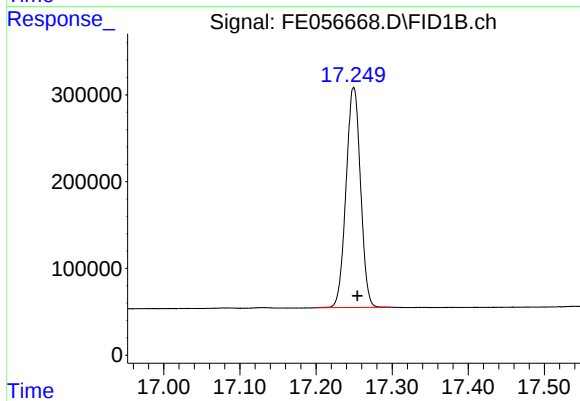
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: -0.005 min
Response: 3506933
Conc: 17.90 ug/ml



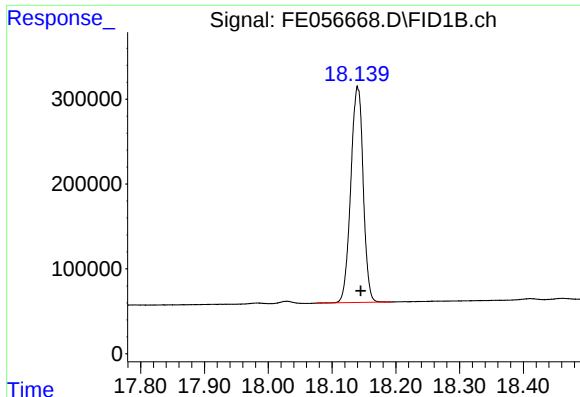
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: -0.006 min
Response: 3417349
Conc: 17.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.250 min
Delta R.T.: -0.005 min
Response: 3358767
Conc: 17.34 ug/ml



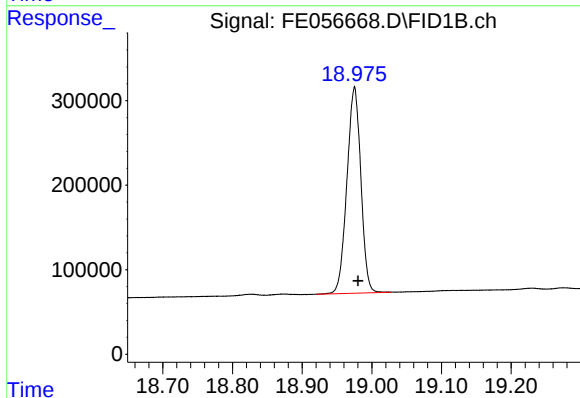
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: -0.005 min
Response: 3441115
Conc: 17.16 ug/ml

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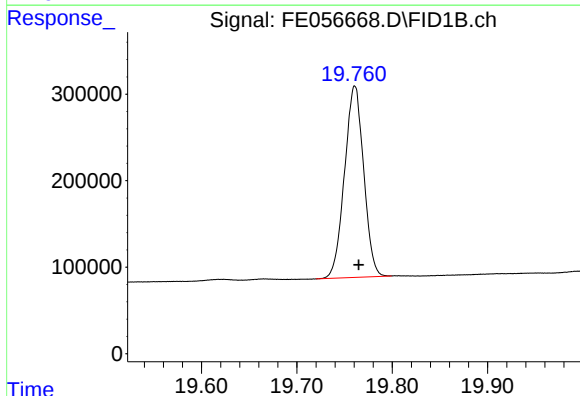
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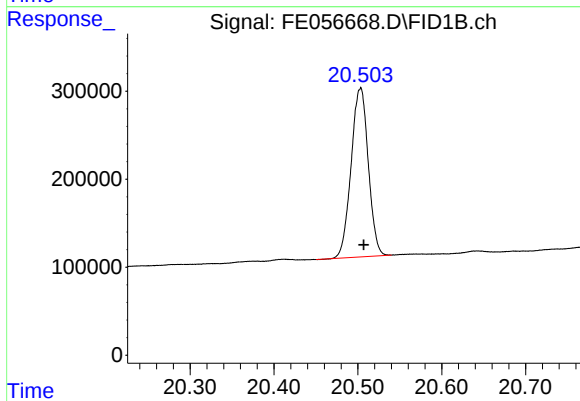
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: -0.006 min
Response: 3386422
Conc: 17.22 ug/ml



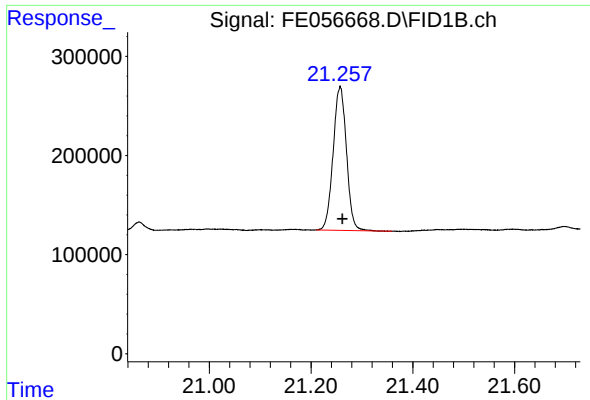
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: -0.004 min
Response: 3093593
Conc: 17.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: -0.004 min
Response: 2730988
Conc: 18.88 ug/ml



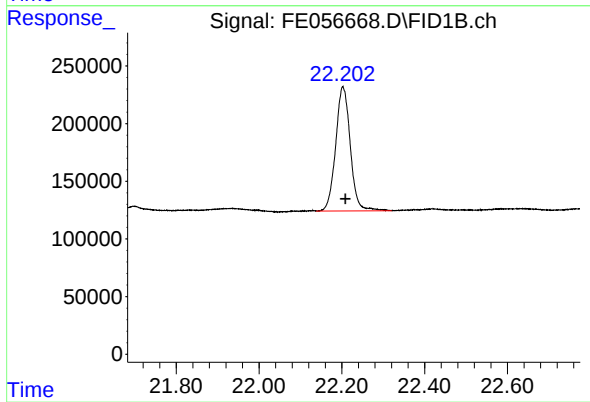
#21 n-Octatriacontane (C38)

R.T.: 21.257 min
Delta R.T.: -0.005 min
Response: 2633141
Conc: 20.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: -0.007 min
Response: 2648090
Conc: 22.90 ug/ml m