

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102825AL\
 Data File : FE056535.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2025 12:49
 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 :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File: sample.E
 Quant Time: Oct 29 04:07:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.982	3448368	16.880 ug/ml
Spiked Amount 50.000		Recovery =	33.76%
12) S 1-chlorooctadecane (S...	13.422	2555657	16.750 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
Target Compounds			
1) T n-Nonane (C9)	3.339	2729136	16.743 ug/ml
2) T n-Decane (C10)	4.592	2990171	18.183 ug/ml
3) T A~Naphthalene (C11.7)	6.305	3126080	17.684 ug/ml
4) T n-Dodecane (C12)	6.765	3115335	18.568 ug/ml
5) T A~2-methylnaphthalene...	7.405	2997862	17.992 ug/ml
6) T n-Tetradecane (C14)	8.599	3058698	18.411 ug/ml
7) T n-Hexadecane (C16)	10.213	3145316	17.978 ug/ml
8) T n-Octadecane (C18)	11.661	3189250	17.484 ug/ml
10) T n-Eicosane (C20)	12.975	3033134	17.035 ug/ml
11) T n-Heneicosane (C21)	13.589	2958217	16.861 ug/ml
13) T n-Docosane (C22)	14.176	2948359	16.656 ug/ml
14) T n-Tetracosane (C24)	15.283	2953291	16.232 ug/ml
15) T n-Hexacosane (C26)	16.307	2896945	16.138 ug/ml
16) T n-Octacosane (C28)	17.260	2866323	16.112 ug/mlm
17) T n-Tricontane (C30)	18.148	3053784	16.820 ug/ml
18) T n-Dotriacontane (C32)	18.982	3092706	17.542 ug/mlm
19) T n-Tetratriacontane (C34)	19.768	2732577	17.652 ug/ml
20) T n-Hexatriacontane (C36)	20.510	2350791	18.816 ug/ml
21) T n-Octatriacontane (C38)	21.264	2125238	20.341 ug/mlm
22) T n-Tetracontane (C40)	22.210	2029266	22.363 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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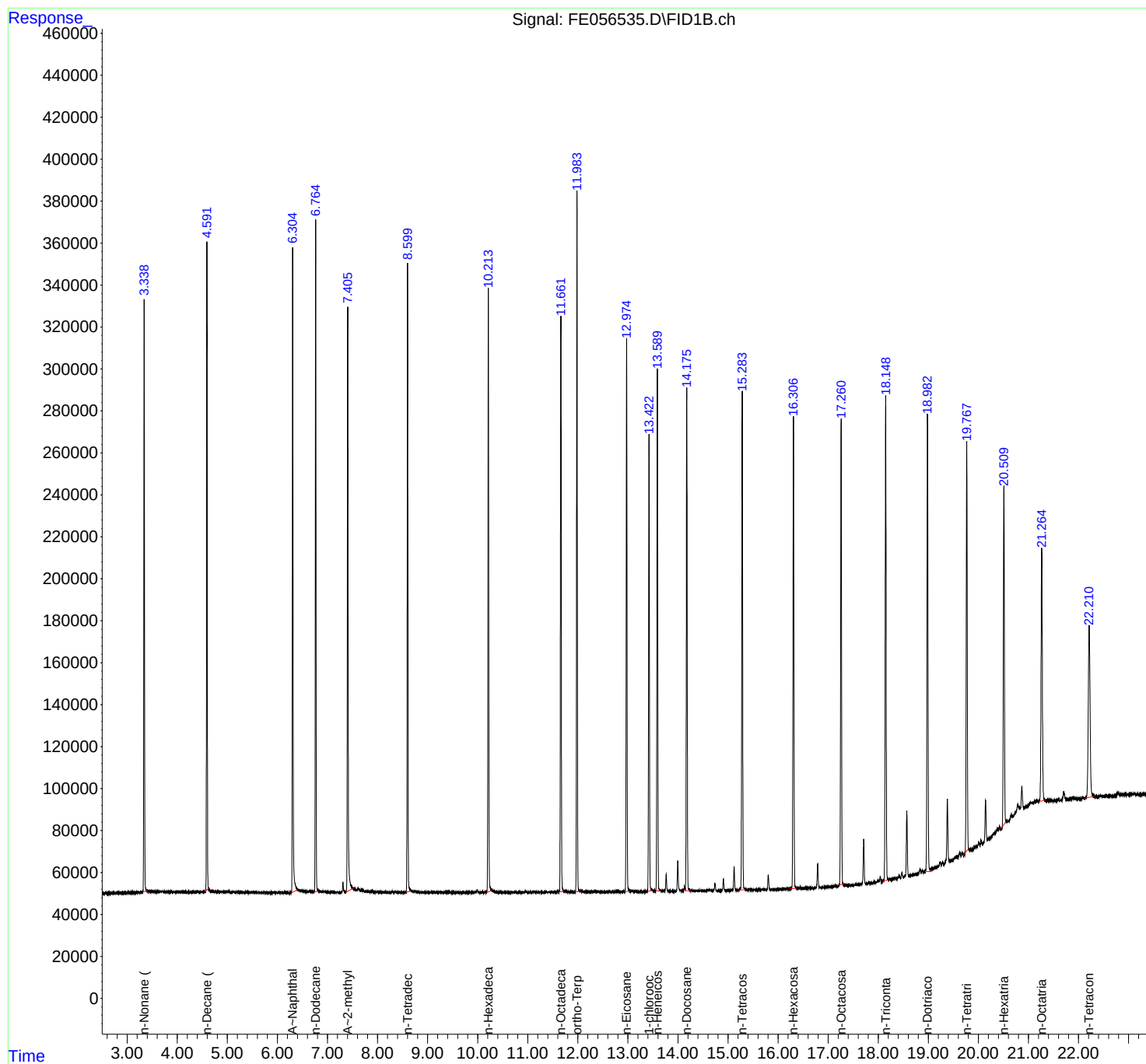
Instrument :
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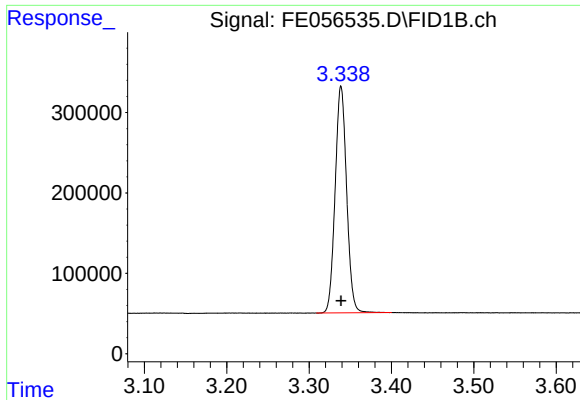
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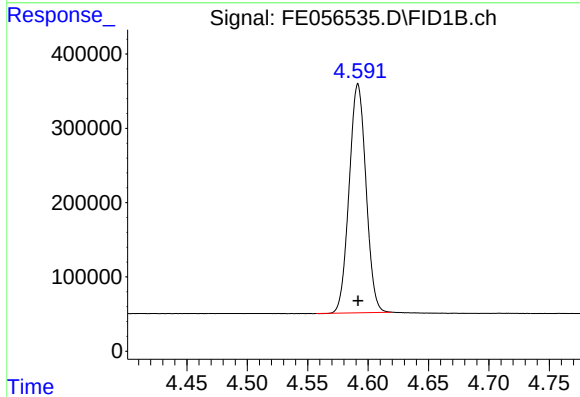
#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: 0.000 min
Response: 2729136
Conc: 16.74 ug/ml

Instrument :
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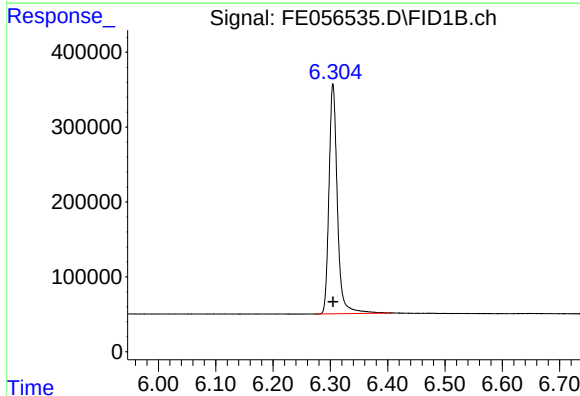
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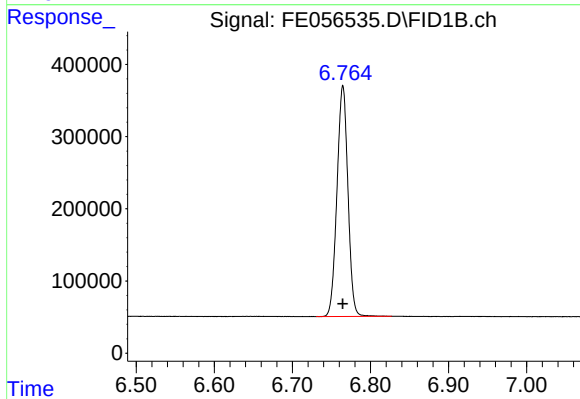
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 2990171
Conc: 18.18 ug/ml



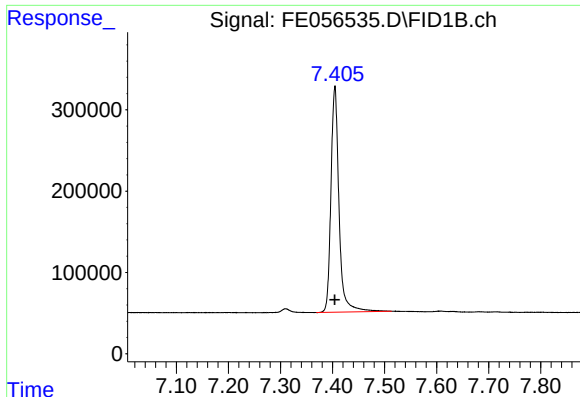
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 3126080
Conc: 17.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 3115335
Conc: 18.57 ug/ml



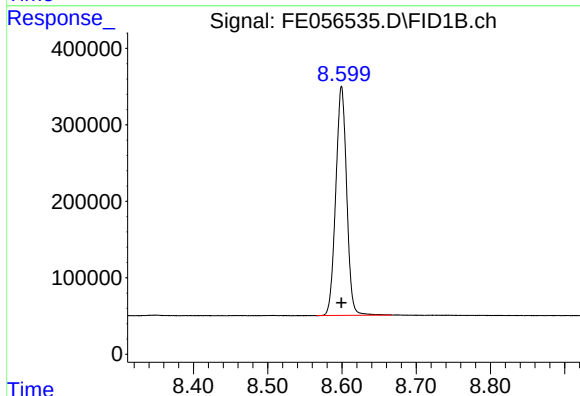
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2997862
Conc: 17.99 ug/ml

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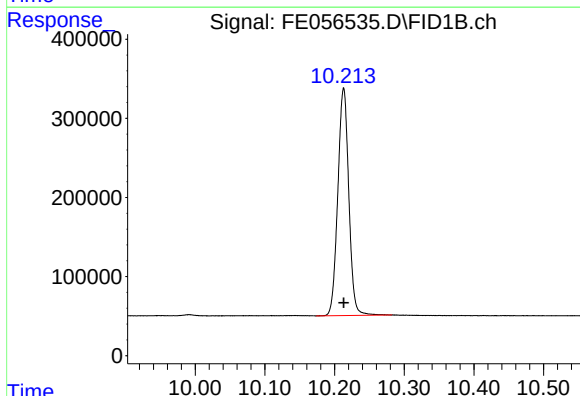
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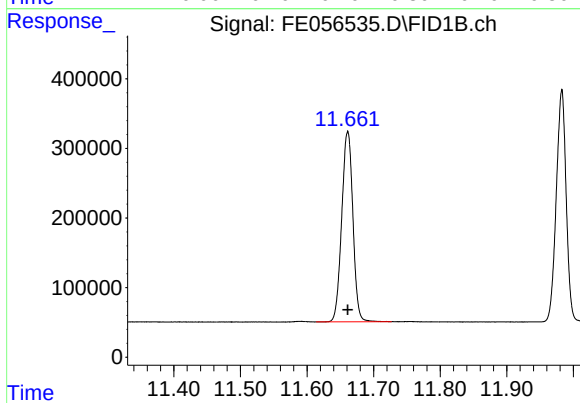
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 3058698
Conc: 18.41 ug/ml



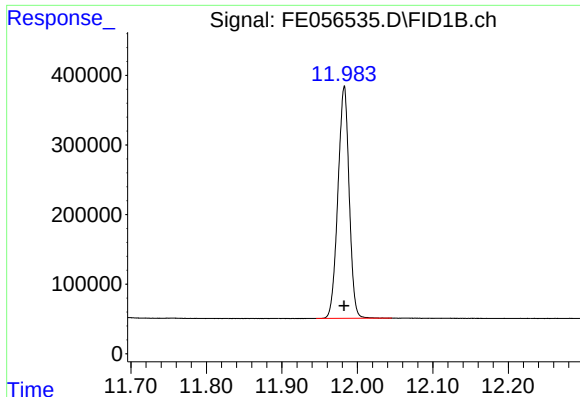
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 3145316
Conc: 17.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 3189250
Conc: 17.48 ug/ml



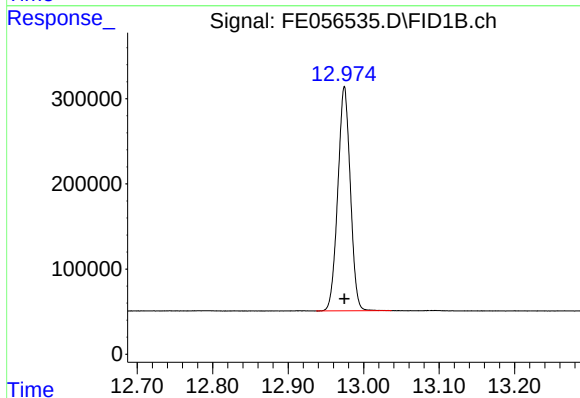
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 3448368
Conc: 16.88 ug/ml

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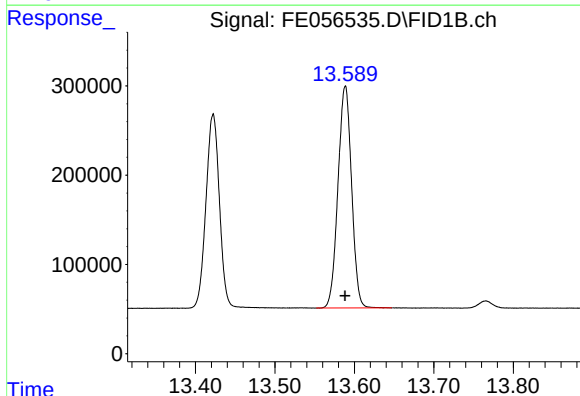
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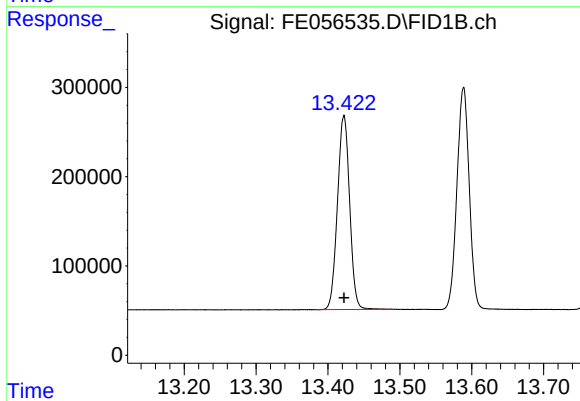
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 3033134
Conc: 17.04 ug/ml



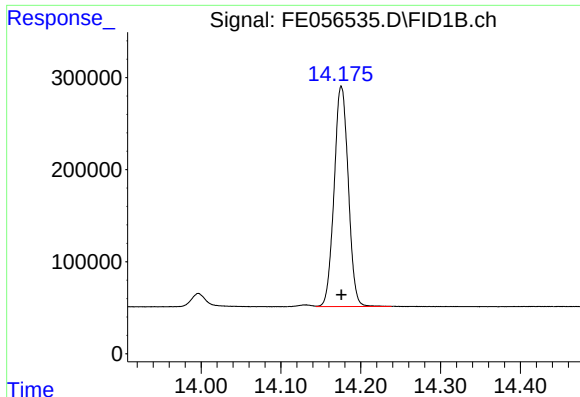
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 2958217
Conc: 16.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2555657
Conc: 16.75 ug/ml



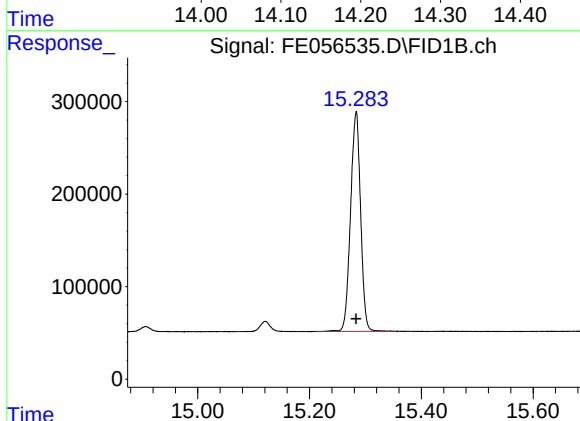
#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.000 min
Response: 2948359
Conc: 16.66 ug/ml

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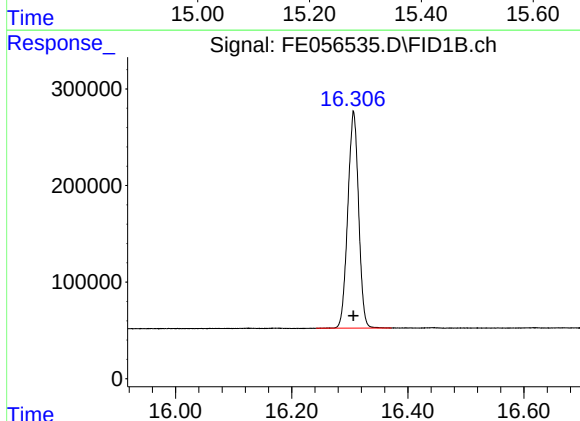
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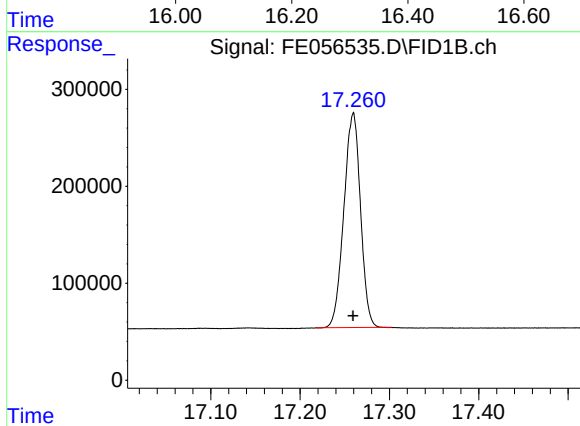
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 2953291
Conc: 16.23 ug/ml



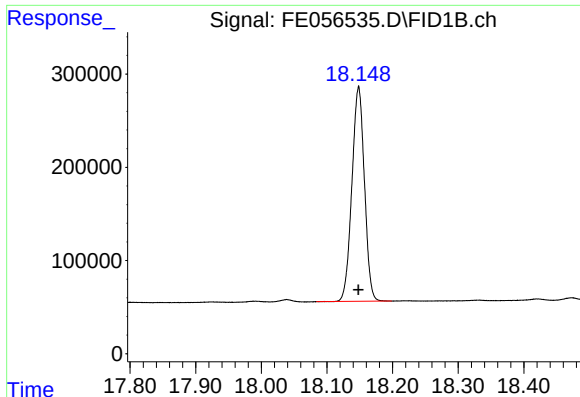
#15 n-Hexacosane (C26)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 2896945
Conc: 16.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 2866323
Conc: 16.11 ug/ml m



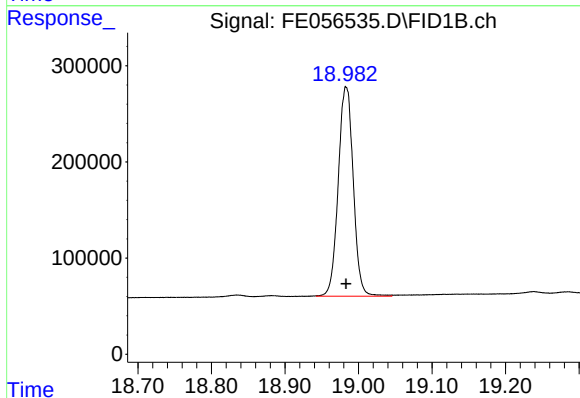
#17 n-Tricontane (C30)

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 3053784
Conc: 16.82 ug/ml

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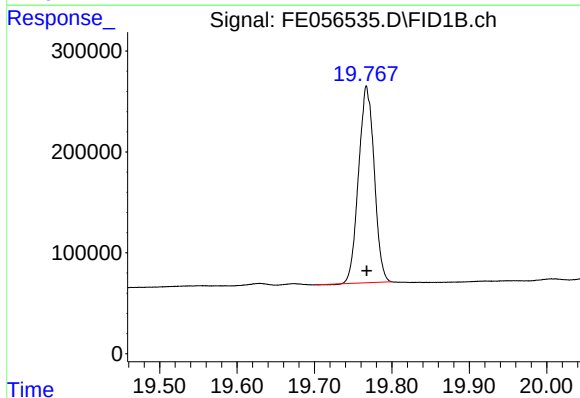
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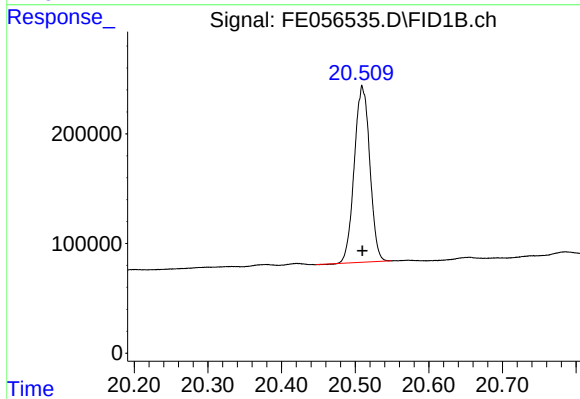
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: -0.001 min
Response: 3092706
Conc: 17.54 ug/ml m



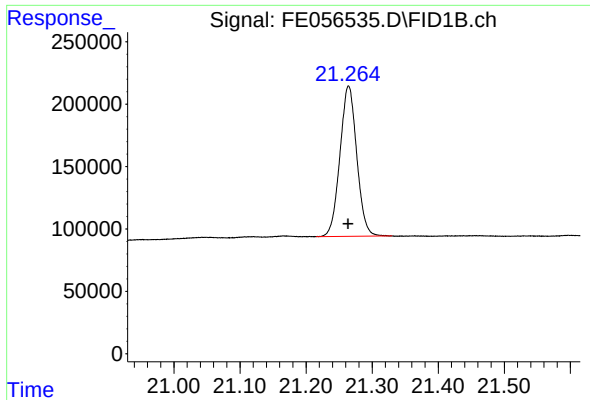
#19 n-Tetratriacontane (C34)

R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 2732577
Conc: 17.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.510 min
Delta R.T.: 0.000 min
Response: 2350791
Conc: 18.82 ug/ml



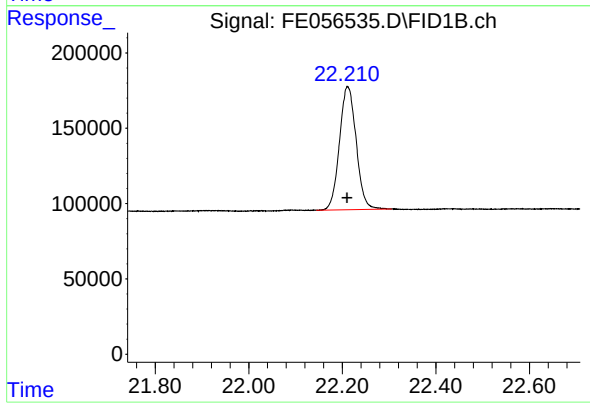
#21 n-Octatriacontane (C38)

R.T.: 21.264 min
Delta R.T.: 0.000 min
Response: 2125238
Conc: 20.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.210 min
Delta R.T.: 0.000 min
Response: 2029266
Conc: 22.36 ug/ml m