

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056651.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 23:30
 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

Integration File: autoint1.e
 Quant Time: Nov 04 00:46:49 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)	11.975	4118600	19.714 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
12) S 1-chlorooctadecane (S...	13.414	3091103	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.325	3514353	20.923 ug/ml
2) T n-Decane (C10)	4.579	3641582	21.222 ug/ml
3) T A~Naphthalene (C11.7)	6.296	3788295	20.523 ug/ml
4) T n-Dodecane (C12)	6.753	3733591	21.466 ug/ml
5) T A~2-methylnaphthalene...	7.396	3625720	20.459 ug/ml
6) T n-Tetradecane (C14)	8.589	3678444	21.074 ug/ml
7) T n-Hexadecane (C16)	10.203	3781793	20.670 ug/ml
8) T n-Octadecane (C18)	11.652	3811124	20.136 ug/ml
10) T n-Eicosane (C20)	12.966	3635125	19.506 ug/ml
11) T n-Heneicosane (C21)	13.580	3545912	19.284 ug/ml
13) T n-Docosane (C22)	14.169	3532972	18.873 ug/ml
14) T n-Tetracosane (C24)	15.276	3549979	18.125 ug/ml
15) T n-Hexacosane (C26)	16.301	3460686	17.808 ug/ml
16) T n-Octacosane (C28)	17.253	3400128	17.557 ug/ml
17) T n-Tricontane (C30)	18.144	3538312	17.648 ug/ml
18) T n-Dotriacontane (C32)	18.979	3443642	17.512 ug/ml
19) T n-Tetratriacontane (C34)	19.765	3239539	18.768 ug/ml
20) T n-Hexatriacontane (C36)	20.507	2852187	19.717 ug/ml
21) T n-Octatriacontane (C38)	21.263	2917576	23.181 ug/ml
22) T n-Tetracontane (C40)	22.211	3155009	27.289 ug/ml

(f)=RT Delta > 1/2 Window

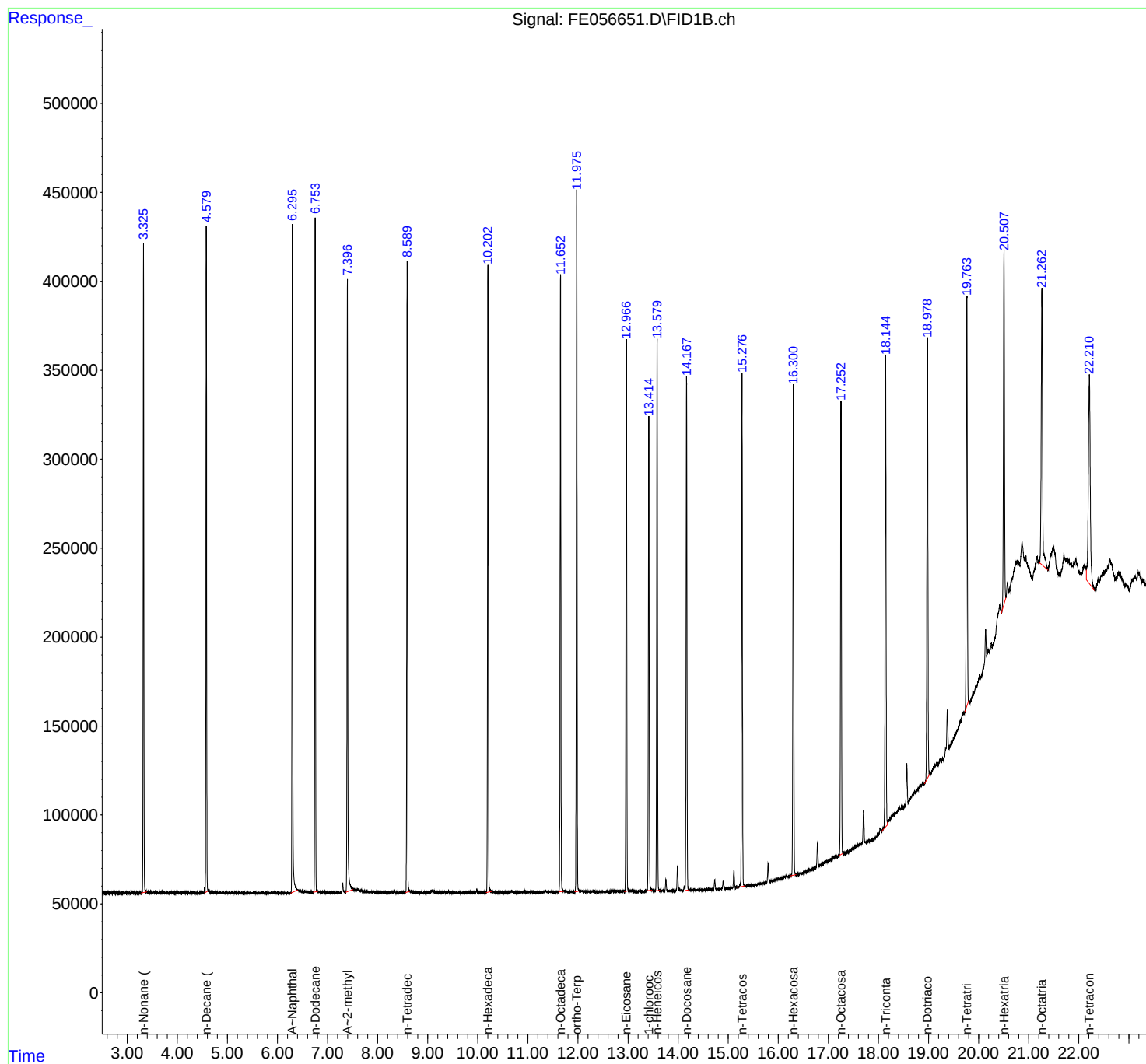
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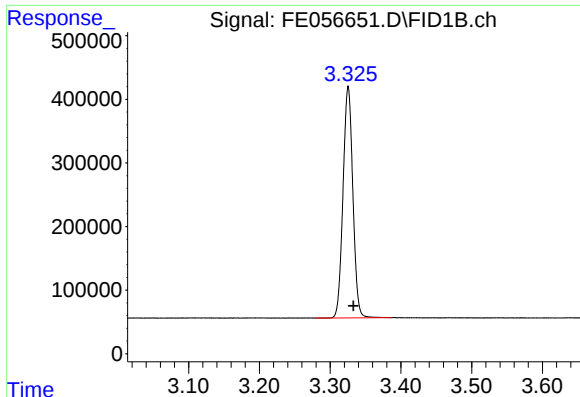
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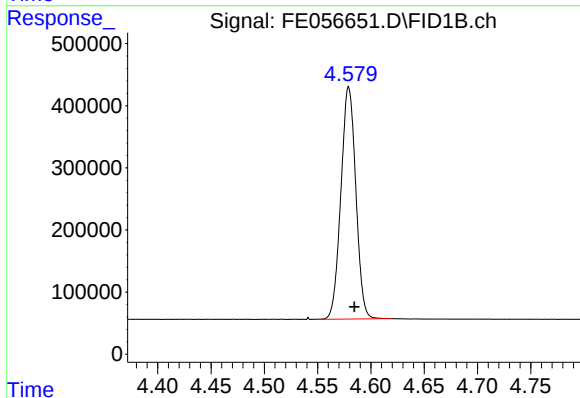




#1 n-Nonane (C9)

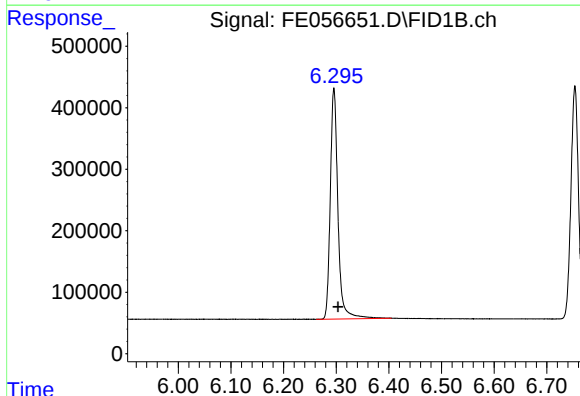
R.T.: 3.325 min
Delta R.T.: -0.008 min
Response: 3514353
Conc: 20.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



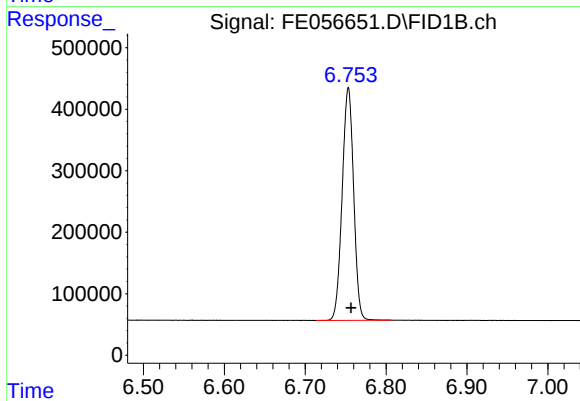
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.005 min
Response: 3641582
Conc: 21.22 ug/ml



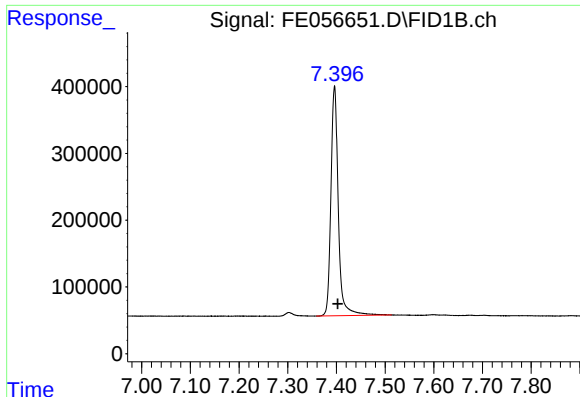
#3 A~Naphthalene (C11.7)

R.T.: 6.296 min
Delta R.T.: -0.008 min
Response: 3788295
Conc: 20.52 ug/ml



#4 n-Dodecane (C12)

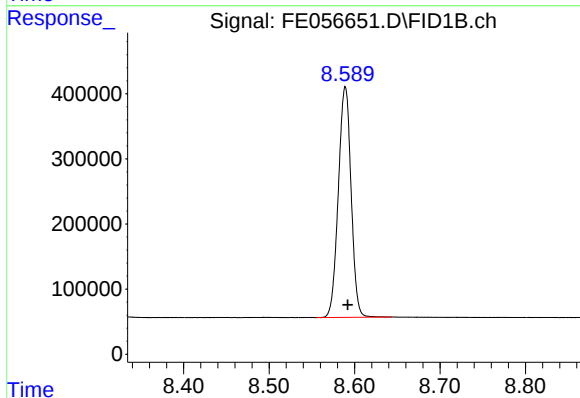
R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 3733591
Conc: 21.47 ug/ml



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

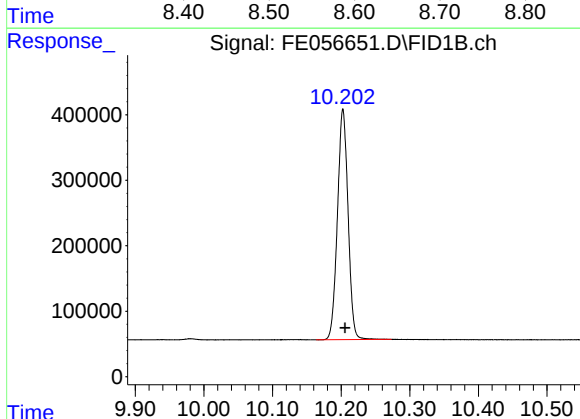
R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 3625720
Conc: 20.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



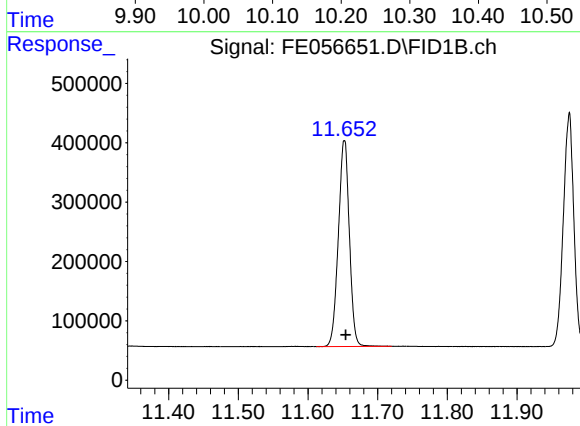
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.003 min
Response: 3678444
Conc: 21.07 ug/ml



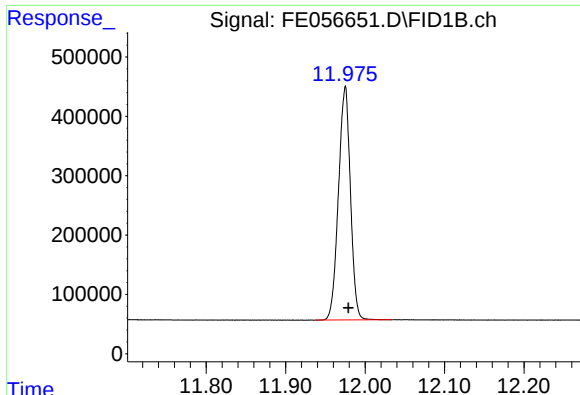
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.003 min
Response: 3781793
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

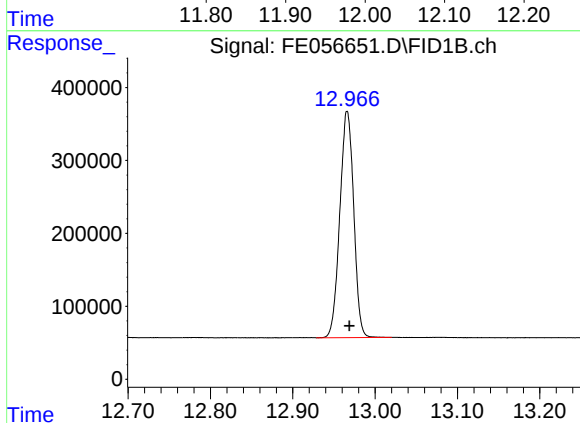
R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 3811124
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

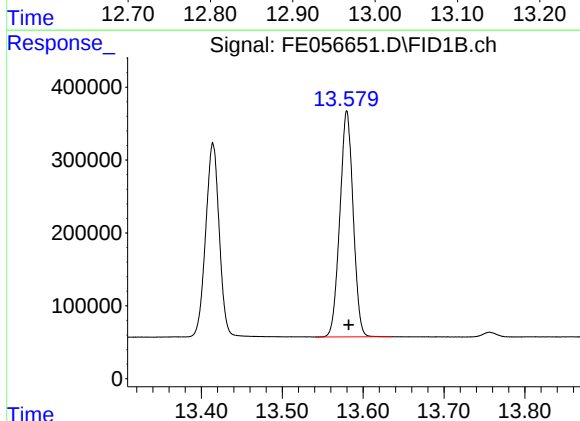
R.T.: 11.975 min
Delta R.T.: -0.004 min
Response: 4118600
Conc: 19.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



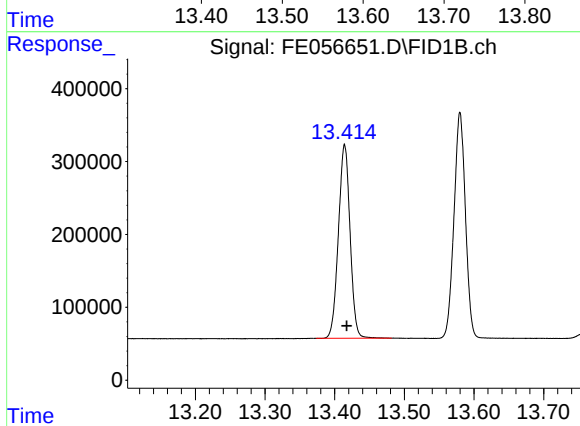
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.003 min
Response: 3635125
Conc: 19.51 ug/ml



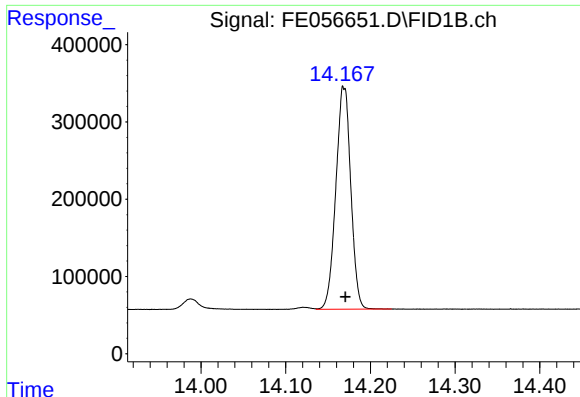
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: -0.002 min
Response: 3545912
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

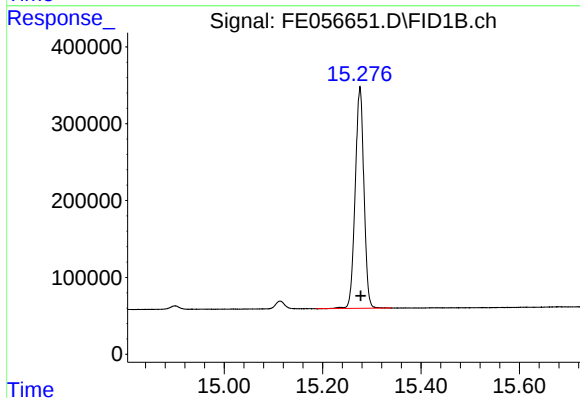
R.T.: 13.414 min
Delta R.T.: -0.003 min
Response: 3091103
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

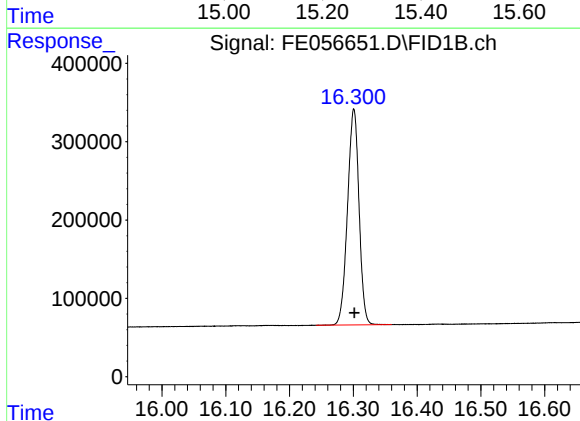
R.T.: 14.169 min
Delta R.T.: -0.002 min
Response: 3532972
Conc: 18.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



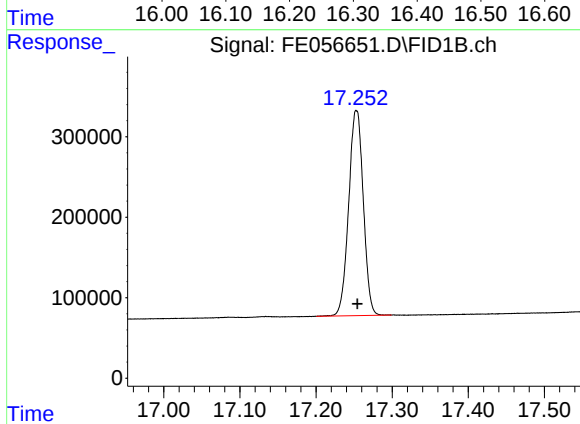
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: -0.002 min
Response: 3549979
Conc: 18.12 ug/ml



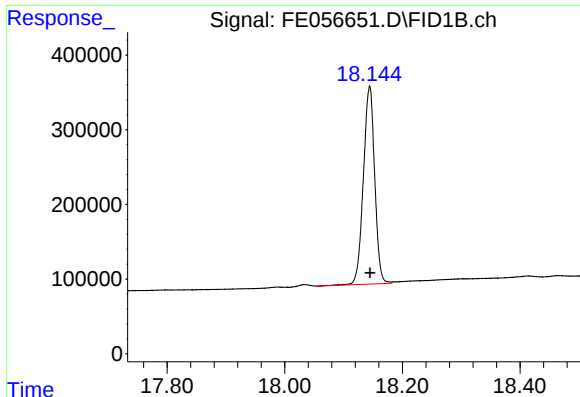
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: -0.001 min
Response: 3460686
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

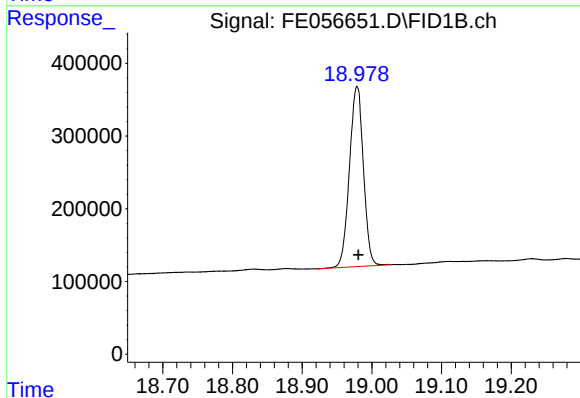
R.T.: 17.253 min
Delta R.T.: -0.002 min
Response: 3400128
Conc: 17.56 ug/ml



#17 n-Tricontane (C30)

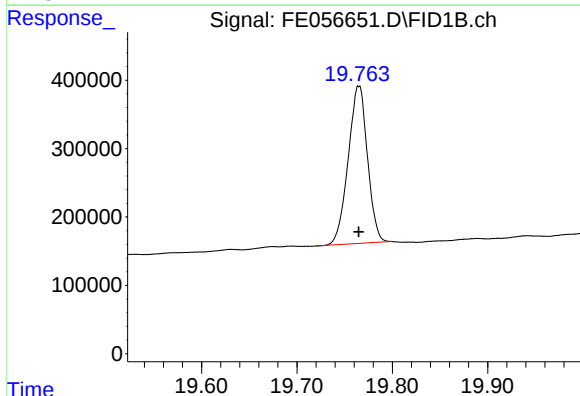
R.T.: 18.144 min
Delta R.T.: 0.000 min
Response: 3538312
Conc: 17.65 ug/ml

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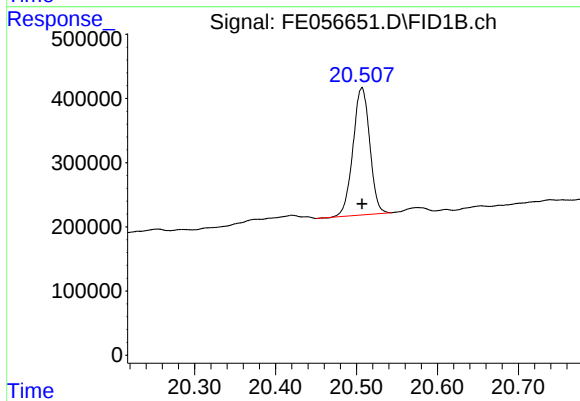
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: -0.002 min
Response: 3443642
Conc: 17.51 ug/ml



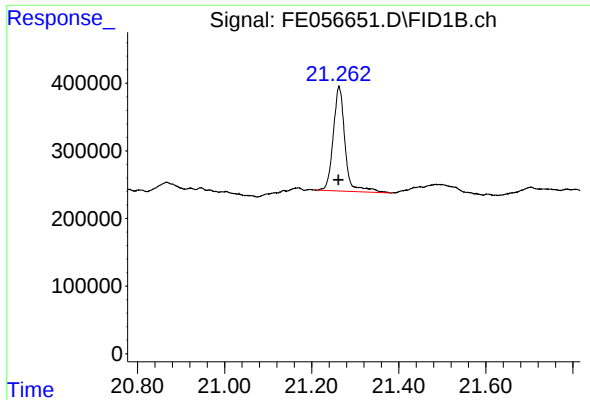
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.000 min
Response: 3239539
Conc: 18.77 ug/ml



#20 n-Hexatriacontane (C36)

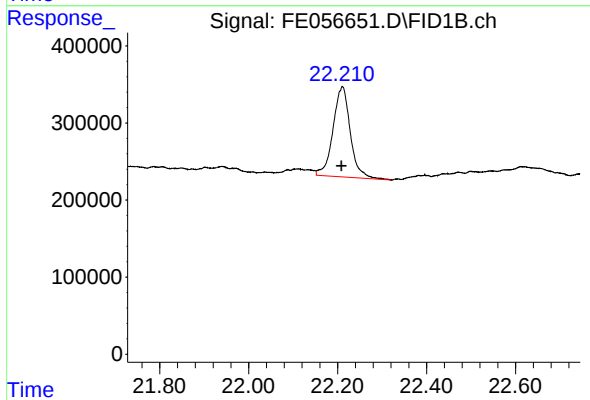
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 2852187
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.263 min
Delta R.T.: 0.001 min
Response: 2917576
Conc: 23.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.002 min
Response: 3155009
Conc: 27.29 ug/ml