

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055268.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 21:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 13 04:08:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.086	2675877	18.738 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.524	2057519	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.422	2005916	17.478 ug/ml
2) T n-Decane (C10)	4.680	2111137	18.122 ug/ml
3) T A~Naphthalene (C11.7)	6.401	2432869	18.125 ug/ml
4) T n-Dodecane (C12)	6.856	2181667	18.321 ug/ml
5) T A~2-methylnaphthalene...	7.503	2402681	18.428 ug/ml
6) T n-Tetradecane (C14)	8.694	2255274	18.394 ug/ml
7) T n-Hexadecane (C16)	10.310	2386051	18.664 ug/ml
8) T n-Octadecane (C18)	11.760	2466426	18.903 ug/ml
10) T n-Eicosane (C20)	13.075	2400907	19.135 ug/ml
11) T n-Heneicosane (C21)	13.689	2336028	18.951 ug/ml
13) T n-Docosane (C22)	14.278	2405075	19.694 ug/ml
14) T n-Tetracosane (C24)	15.386	2566865	21.103 ug/ml
15) T n-Hexacosane (C26)	16.409	2629495	21.977 ug/ml
16) T n-Octacosane (C28)	17.362	2716504	22.900 ug/ml
17) T n-Tricontane (C30)	18.252	2976175	24.187 ug/ml
18) T n-Dotriacontane (C32)	19.086	2998027	24.572 ug/ml
19) T n-Tetratriacontane (C34)	19.871	2655127	22.709 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2379708	21.772 ug/ml
21) T n-Octatriacontane (C38)	21.396	2239189	20.720 ug/ml
22) T n-Tetracontane (C40)	22.389	1985812	18.989 ug/ml

(f)=RT Delta > 1/2 Window

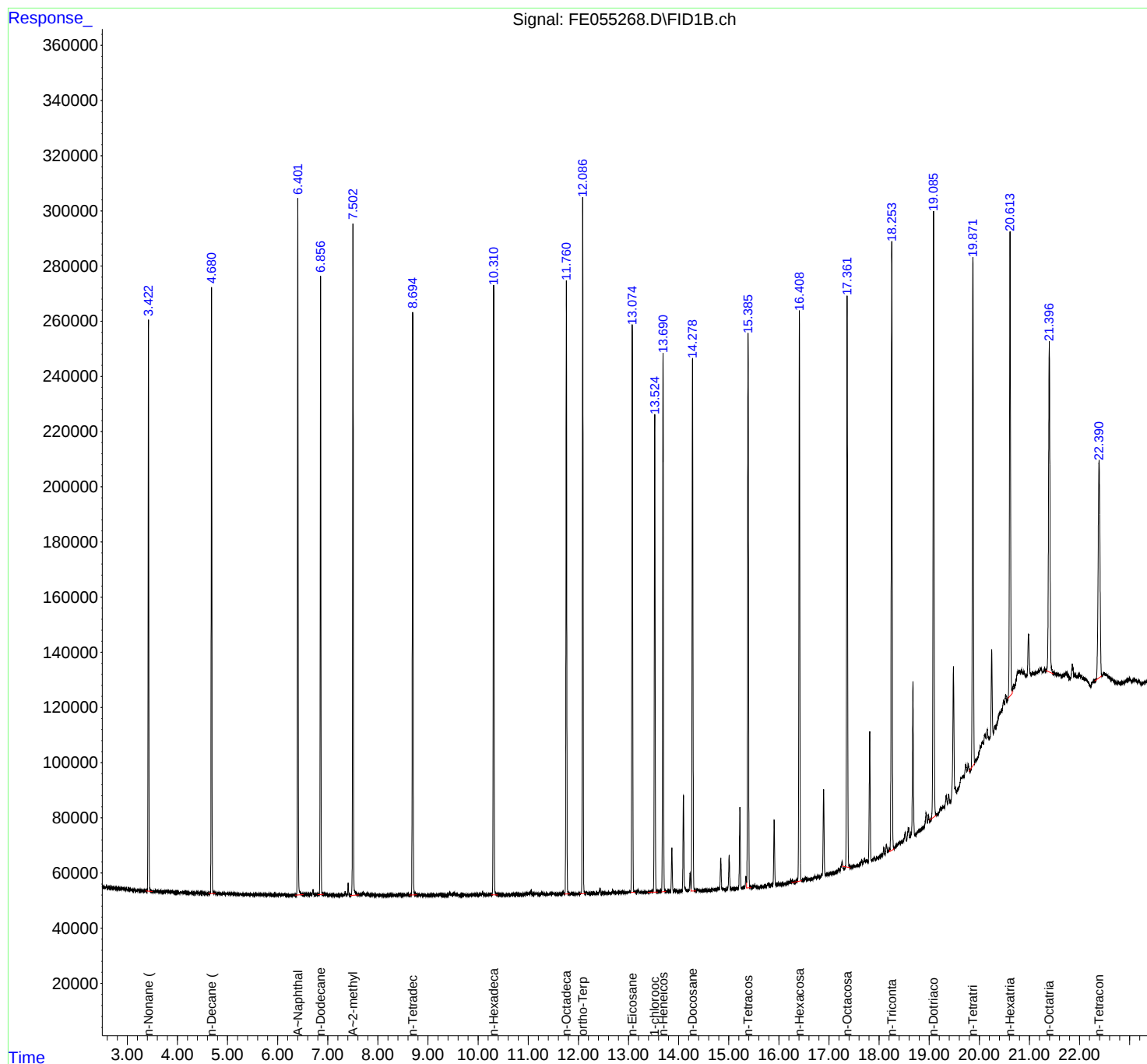
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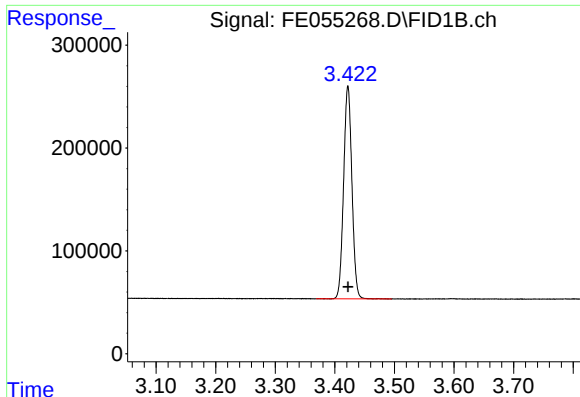
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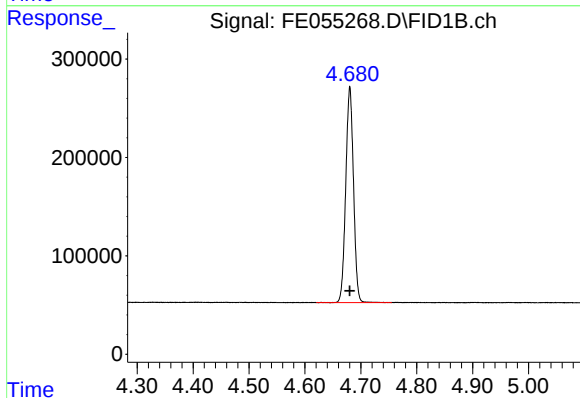




#1 n-Nonane (C9)

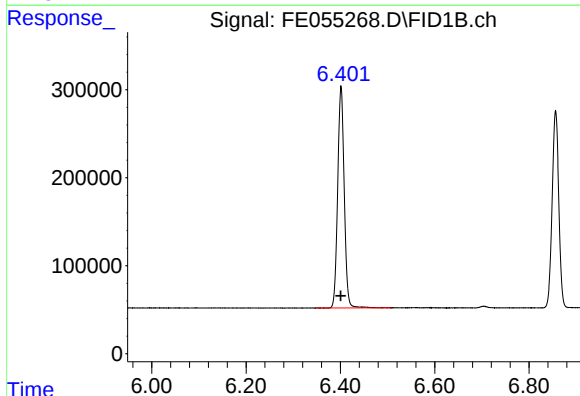
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 2005916
Conc: 17.48 ug/ml

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20 PPM ALIPHATIC HC STD



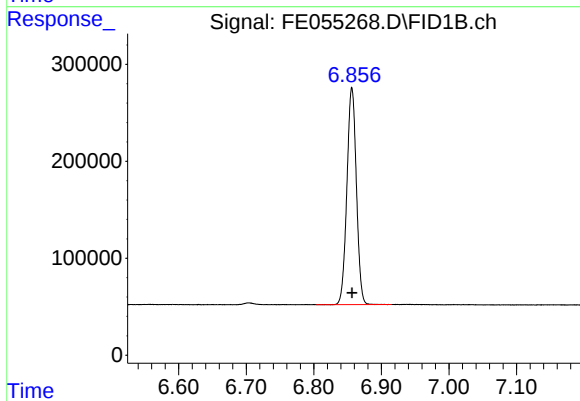
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 2111137
Conc: 18.12 ug/ml



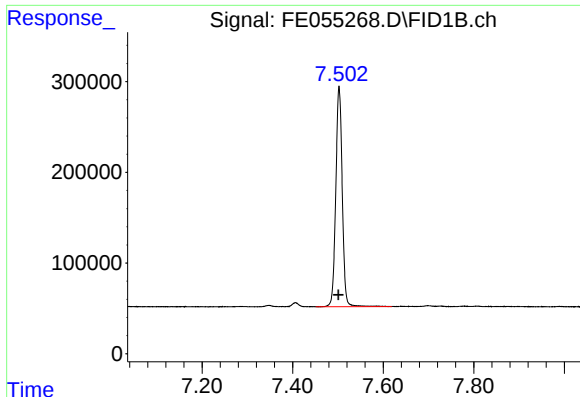
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 2432869
Conc: 18.12 ug/ml



#4 n-Dodecane (C12)

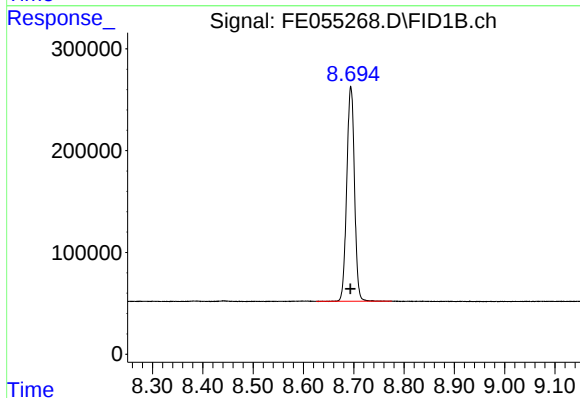
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 2181667
Conc: 18.32 ug/ml



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

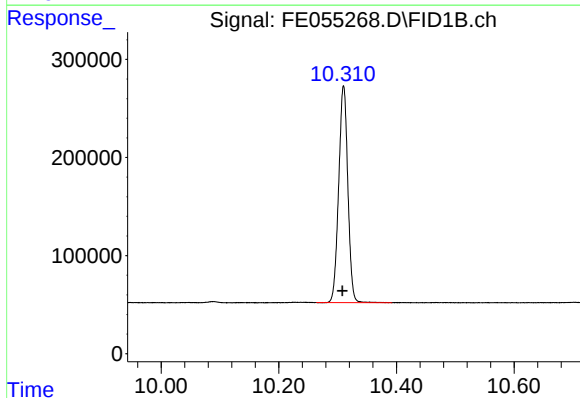
R.T.: 7.503 min
Delta R.T.: 0.001 min
Response: 2402681
Conc: 18.43 ug/ml

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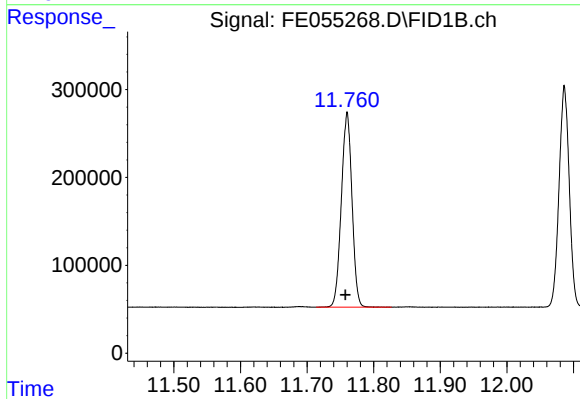
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2255274
Conc: 18.39 ug/ml



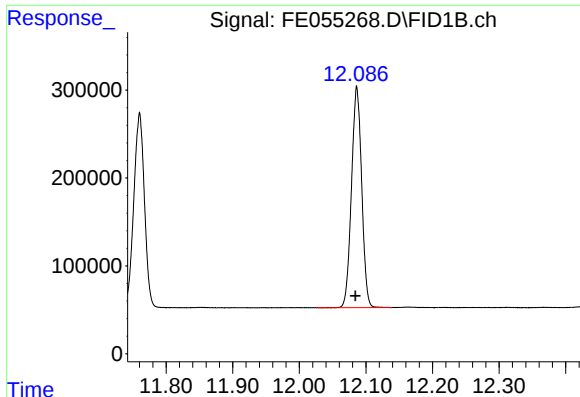
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.002 min
Response: 2386051
Conc: 18.66 ug/ml



#8 n-Octadecane (C18)

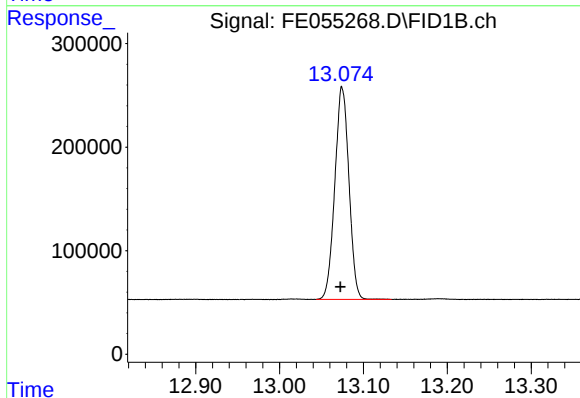
R.T.: 11.760 min
Delta R.T.: 0.002 min
Response: 2466426
Conc: 18.90 ug/ml



#9 ortho-Terphenyl (SURR)

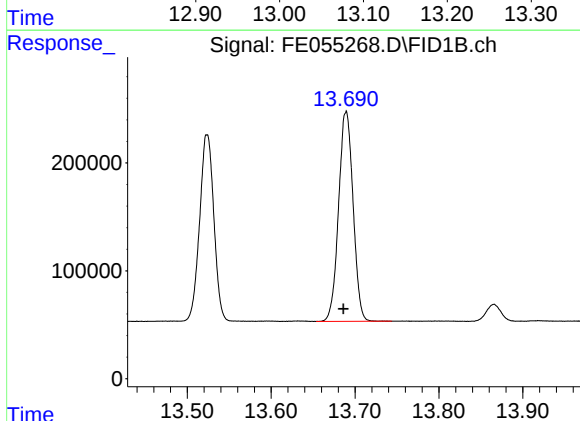
R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 2675877
Conc: 18.74 ug/ml

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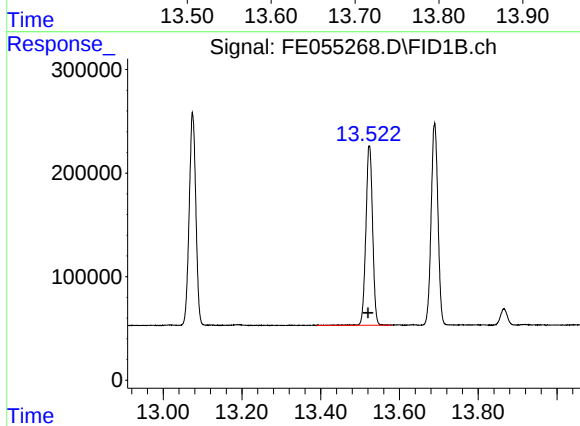
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 2400907
Conc: 19.13 ug/ml



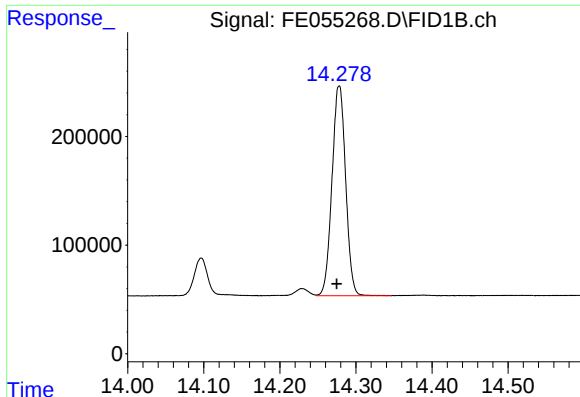
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 2336028
Conc: 18.95 ug/ml



#12 1-chlorooctadecane (SURR)

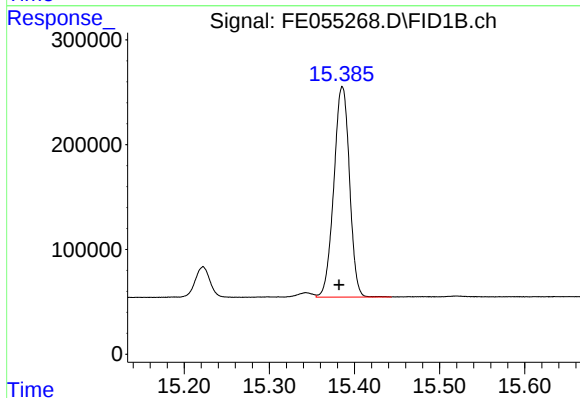
R.T.: 13.524 min
Delta R.T.: 0.003 min
Response: 2057519
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

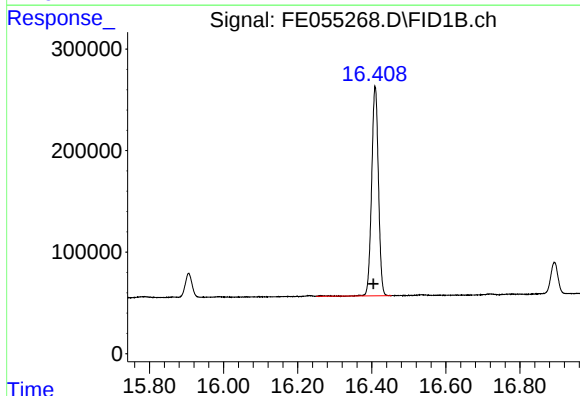
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 2405075
Conc: 19.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



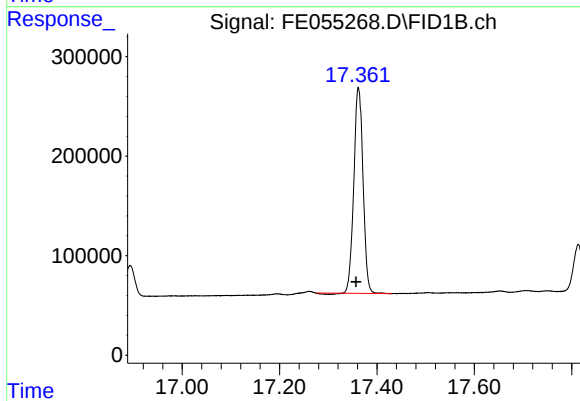
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 2566865
Conc: 21.10 ug/ml



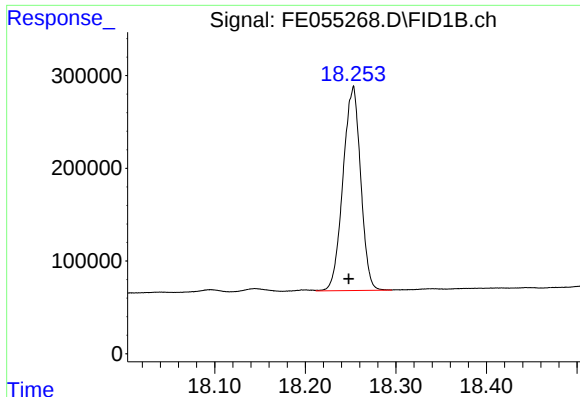
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 2629495
Conc: 21.98 ug/ml



#16 n-Octacosane (C28)

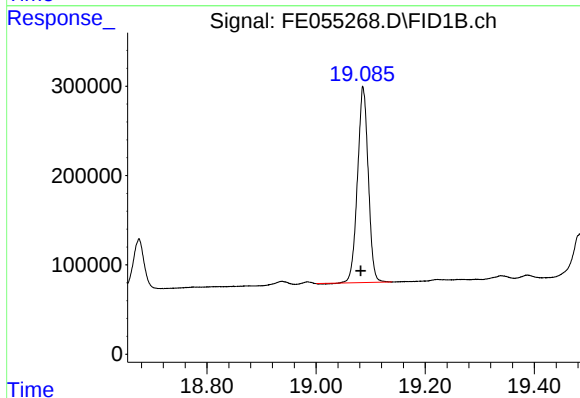
R.T.: 17.362 min
Delta R.T.: 0.005 min
Response: 2716504
Conc: 22.90 ug/ml



#17 n-Tricontane (C30)

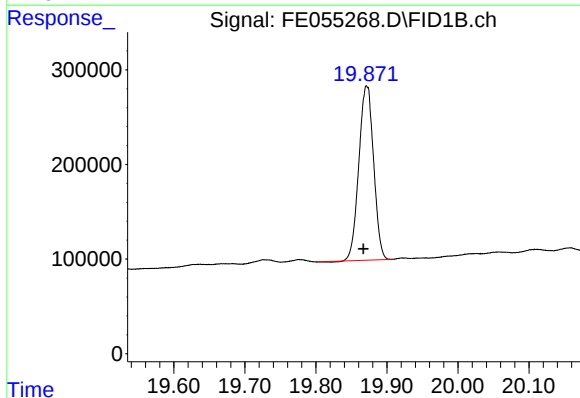
R.T.: 18.252 min
Delta R.T.: 0.004 min
Response: 2976175
Conc: 24.19 ug/ml

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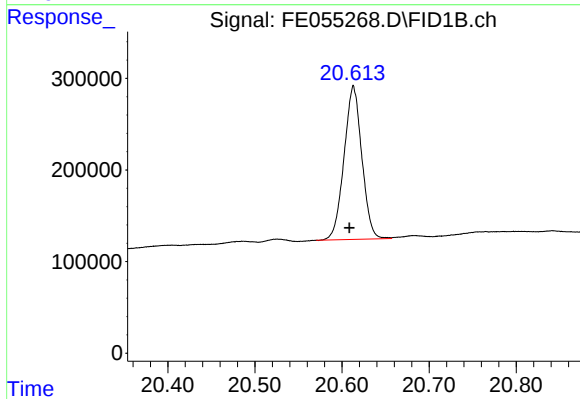
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.005 min
Response: 2998027
Conc: 24.57 ug/ml



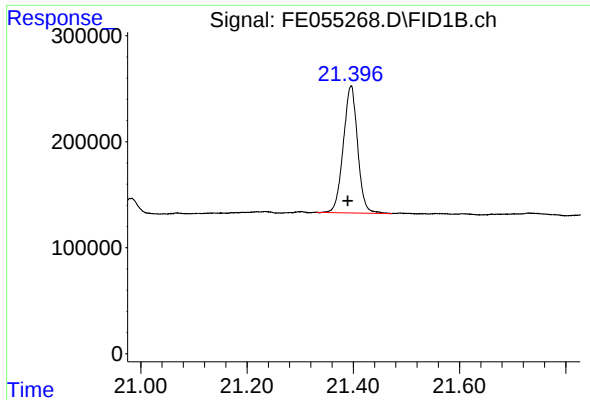
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 2655127
Conc: 22.71 ug/ml



#20 n-Hexatriacontane (C36)

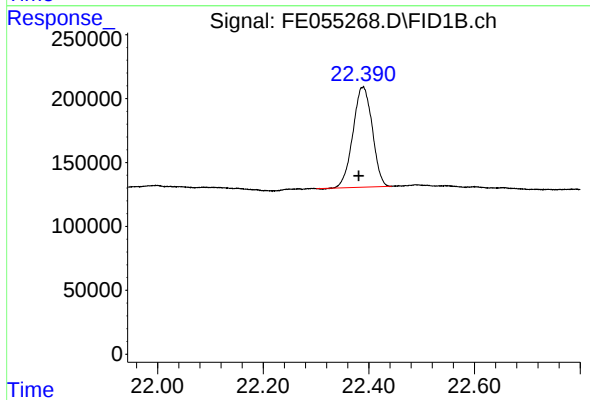
R.T.: 20.613 min
Delta R.T.: 0.005 min
Response: 2379708
Conc: 21.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.006 min
Response: 2239189
Conc: 20.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.008 min
Response: 1985812
Conc: 18.99 ug/ml