

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
 Data File : FE056119.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2025 08:28
 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: Oct 01 14:59:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.070	3517682	18.746 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
12) S 1-chlorooctadecane (S...	13.507	2678057	19.189 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.412	2138618	15.611 ug/ml
2) T n-Decane (C10)	4.671	2232691	15.998 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2777662	17.397 ug/ml
4) T n-Dodecane (C12)	6.845	2425776	16.901 ug/ml
5) T A~2-methylnaphthalene...	7.490	2803790	18.029 ug/ml
6) T n-Tetradecane (C14)	8.681	2652599	17.942 ug/ml
7) T n-Hexadecane (C16)	10.296	2978646	18.744 ug/ml
8) T n-Octadecane (C18)	11.744	3212112	18.964 ug/ml
10) T n-Eicosane (C20)	13.059	3147724	18.989 ug/ml
11) T n-Heneicosane (C21)	13.672	3050578	18.774 ug/ml
13) T n-Docosane (C22)	14.261	2988905	18.705 ug/ml
14) T n-Tetracosane (C24)	15.366	2848063	18.690 ug/ml
15) T n-Hexacosane (C26)	16.390	2658665	18.640 ug/ml
16) T n-Octacosane (C28)	17.342	2595123	18.629 ug/ml
17) T n-Tricontane (C30)	18.232	2716458	18.332 ug/ml
18) T n-Dotriacontane (C32)	19.065	2821846	18.913 ug/ml
19) T n-Tetratriacontane (C34)	19.849	2705136	19.124 ug/ml
20) T n-Hexatriacontane (C36)	20.591	2541025	19.794 ug/ml
21) T n-Octatriacontane (C38)	21.366	2421548	18.437 ug/ml
22) T n-Tetracontane (C40)	22.349	2192890	18.433 ug/ml

(f)=RT Delta > 1/2 Window

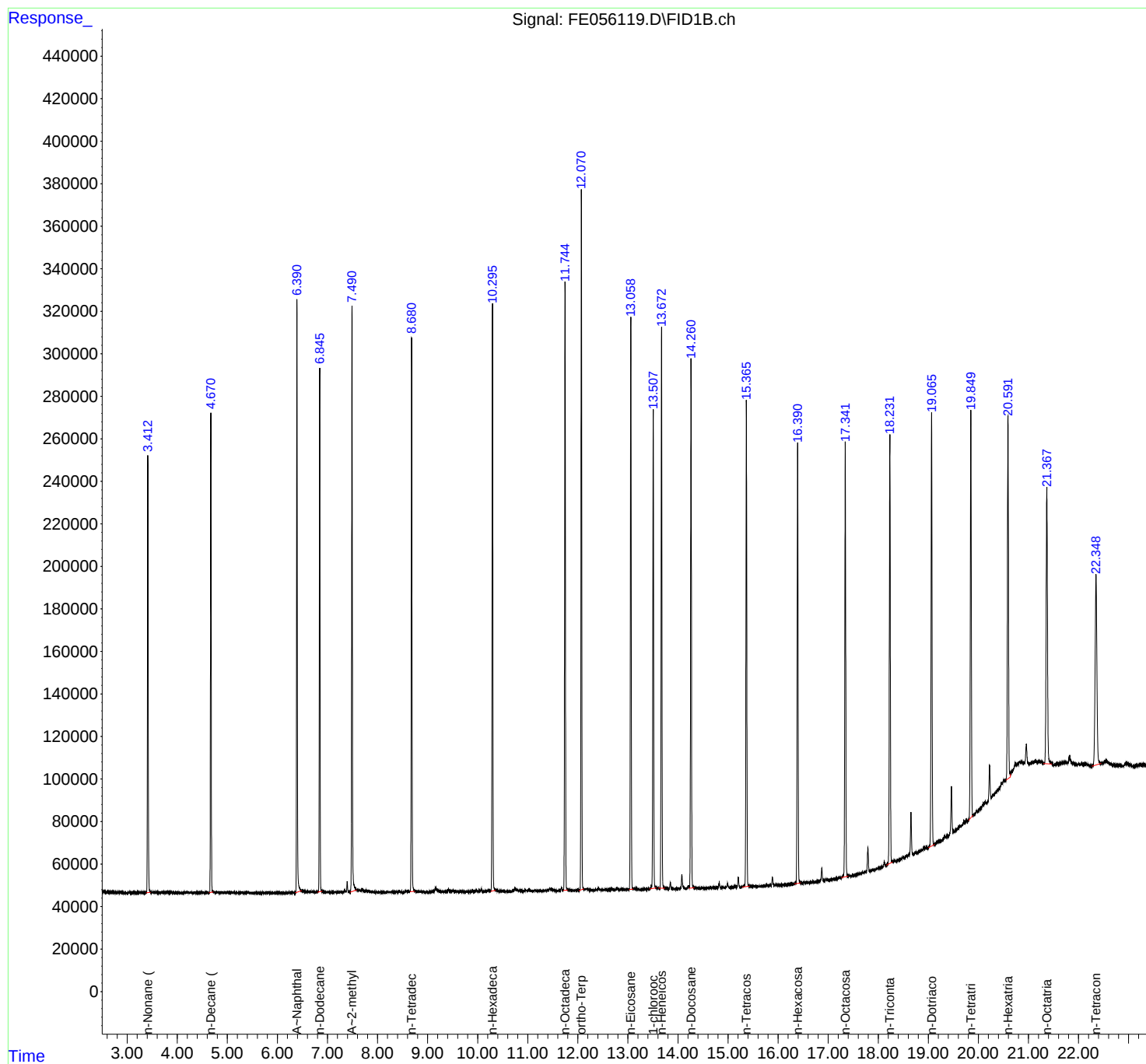
(m)=manual int.

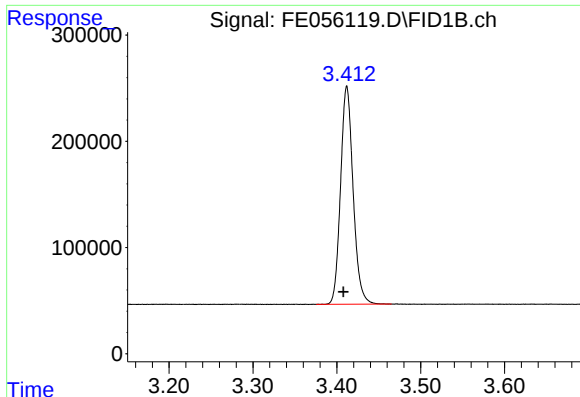
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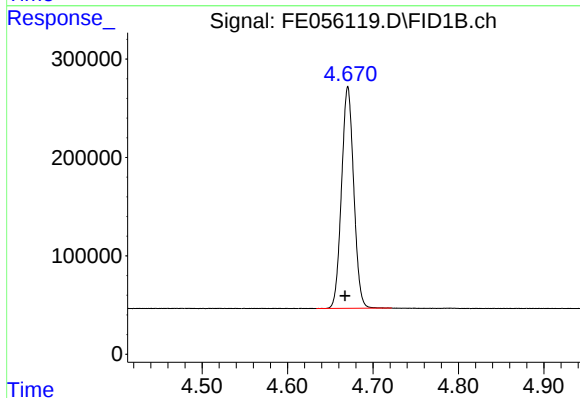




#1 n-Nonane (C9)

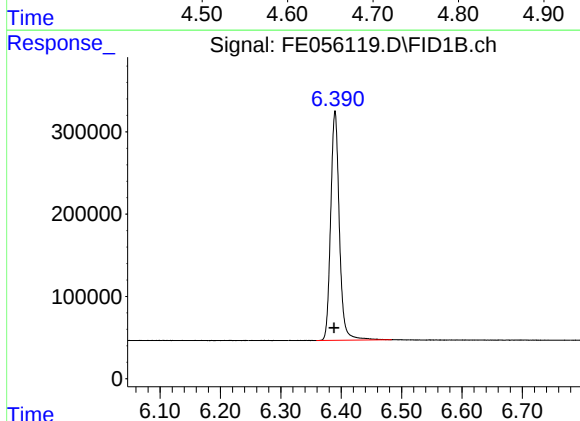
R.T.: 3.412 min
Delta R.T.: 0.004 min
Response: 2138618
Conc: 15.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



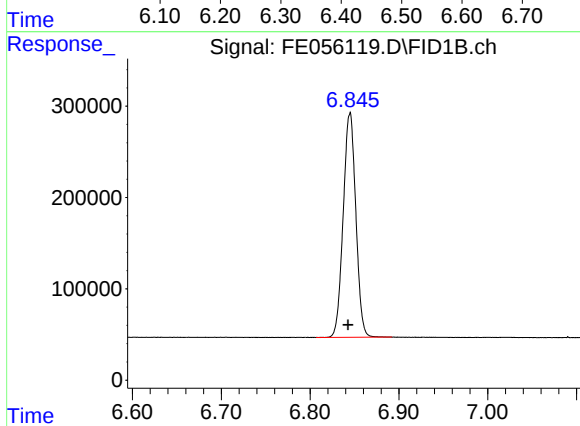
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: 0.003 min
Response: 2232691
Conc: 16.00 ug/ml



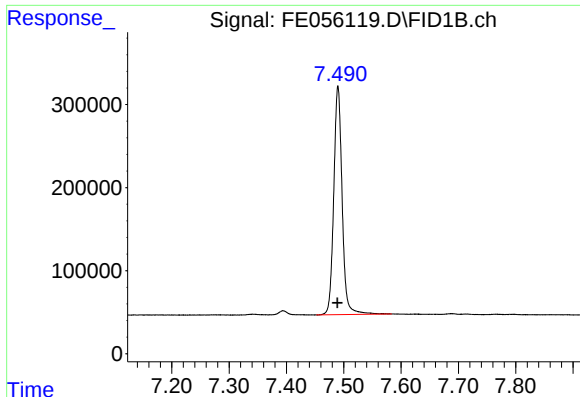
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 2777662
Conc: 17.40 ug/ml



#4 n-Dodecane (C12)

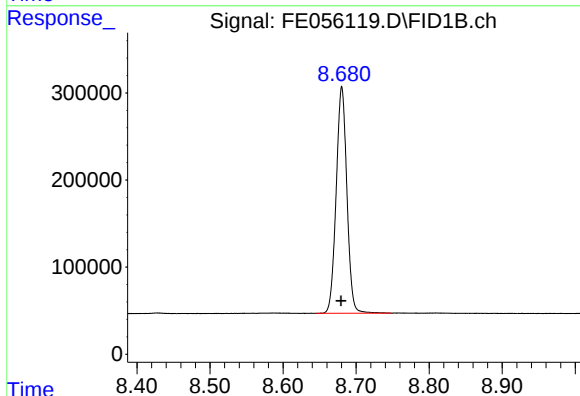
R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 2425776
Conc: 16.90 ug/ml



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

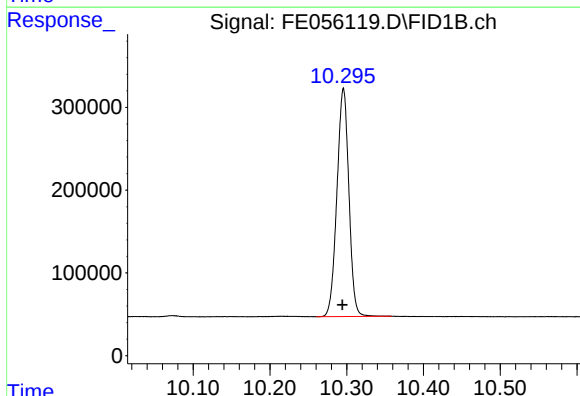
R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 2803790
Conc: 18.03 ug/ml

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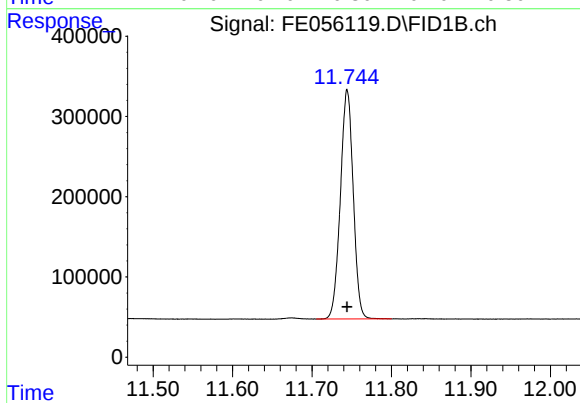
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: 0.001 min
Response: 2652599
Conc: 17.94 ug/ml



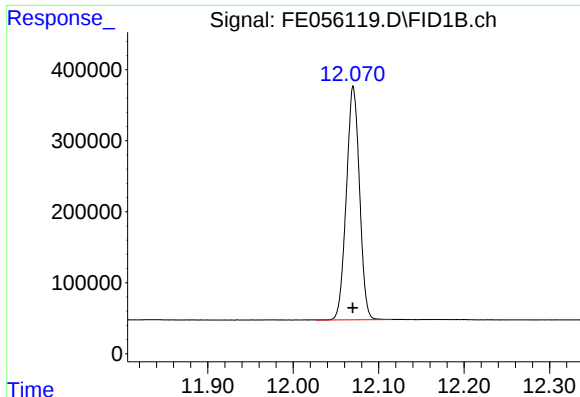
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.001 min
Response: 2978646
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

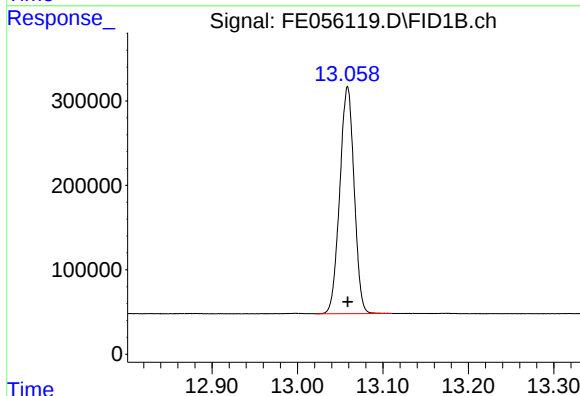
R.T.: 11.744 min
Delta R.T.: 0.000 min
Response: 3212112
Conc: 18.96 ug/ml



#9 ortho-Terphenyl (SURR)

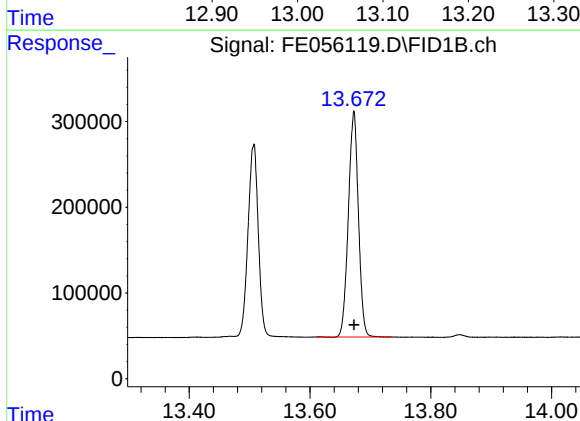
R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 3517682
Conc: 18.75 ug/ml

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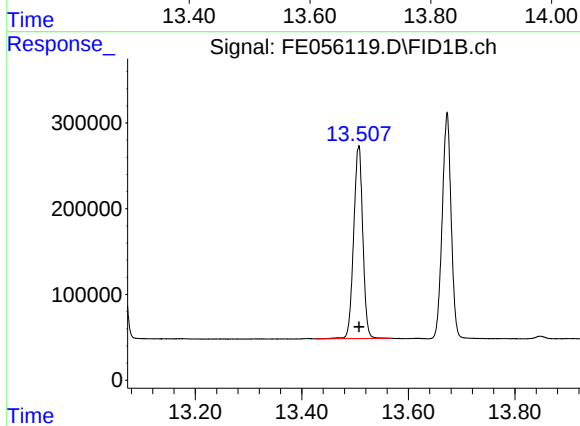
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 3147724
Conc: 18.99 ug/ml



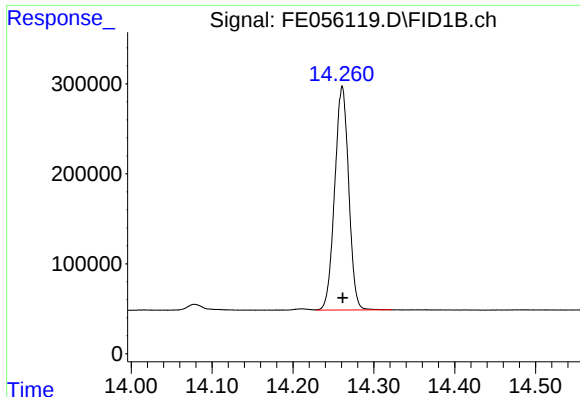
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 3050578
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

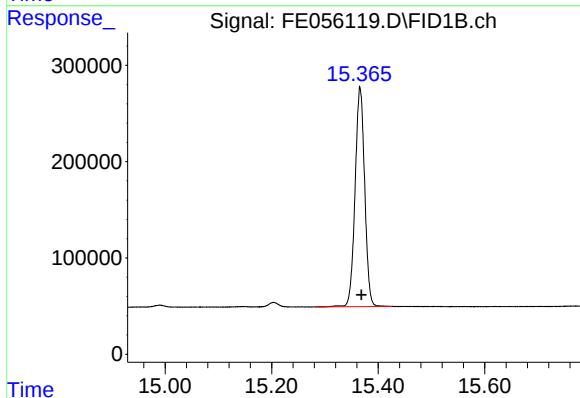
R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 2678057
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

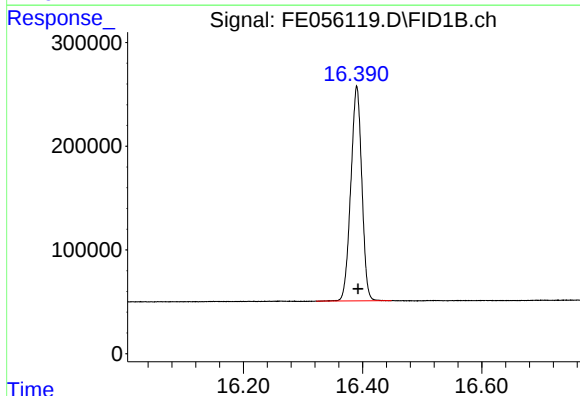
R.T.: 14.261 min
Delta R.T.: 0.000 min
Response: 2988905
Conc: 18.71 ug/ml

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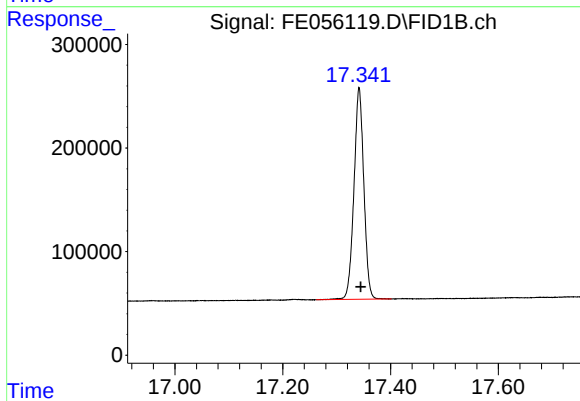
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 2848063
Conc: 18.69 ug/ml



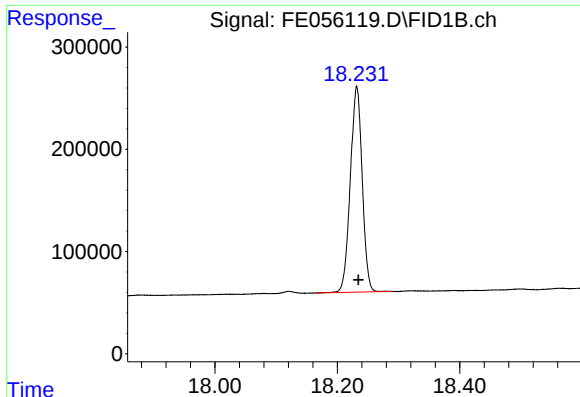
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.003 min
Response: 2658665
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

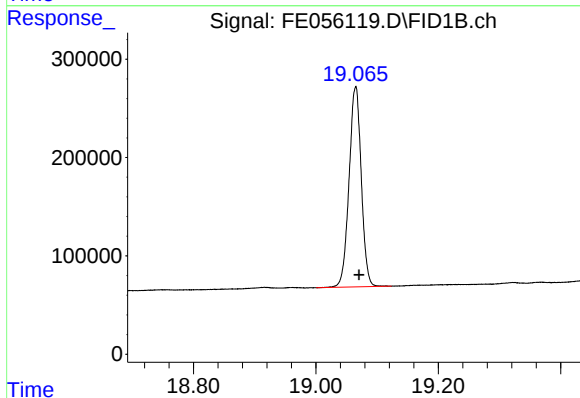
R.T.: 17.342 min
Delta R.T.: -0.003 min
Response: 2595123
Conc: 18.63 ug/ml



#17 n-Tricontane (C30)

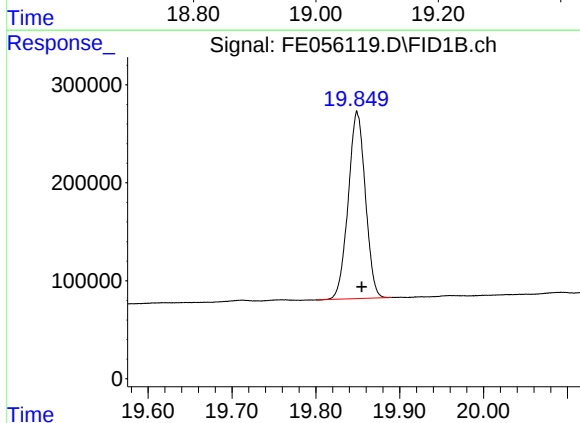
R.T.: 18.232 min
Delta R.T.: -0.003 min
Response: 2716458
Conc: 18.33 ug/ml

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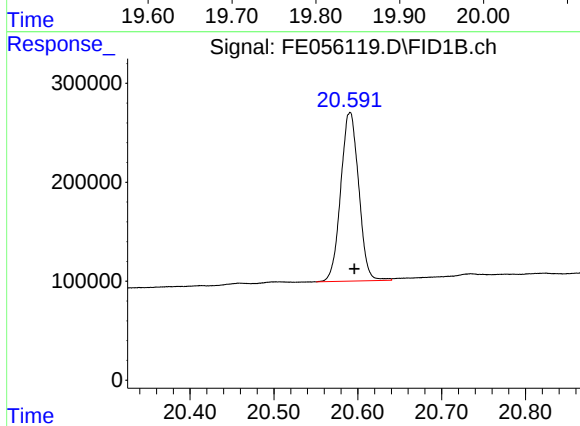
#18 n-Dotriacontane (C32)

R.T.: 19.065 min
Delta R.T.: -0.006 min
Response: 2821846
Conc: 18.91 ug/ml



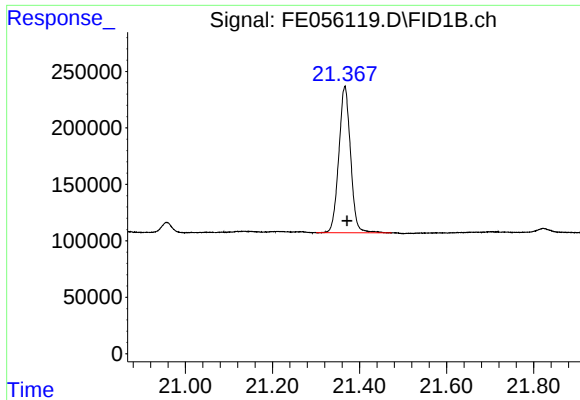
#19 n-Tetratriacontane (C34)

R.T.: 19.849 min
Delta R.T.: -0.006 min
Response: 2705136
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

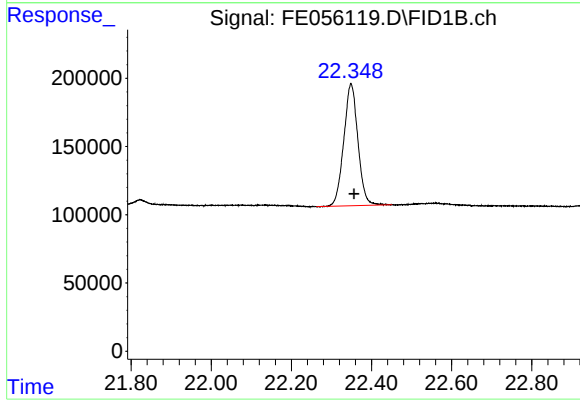
R.T.: 20.591 min
Delta R.T.: -0.005 min
Response: 2541025
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.366 min
Delta R.T.: -0.006 min
Response: 2421548
Conc: 18.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.349 min
Delta R.T.: -0.008 min
Response: 2192890
Conc: 18.43 ug/ml