

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112525AL\
 Data File : FE057035.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2025 06:20
 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

Integration File: sample.E
 Quant Time: Nov 26 06:44:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.941	3939211	18.856 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.379	3008770	18.674 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.302	3350575	19.948 ug/ml
2) T n-Decane (C10)	4.554	3592398	20.935 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3598692	19.496 ug/ml
4) T n-Dodecane (C12)	6.726	3668772	21.093 ug/ml
5) T A~2-methylnaphthalene...	7.370	3425460	19.329 ug/ml
6) T n-Tetradecane (C14)	8.559	3631105	20.802 ug/ml
7) T n-Hexadecane (C16)	10.171	3699878	20.223 ug/ml
8) T n-Octadecane (C18)	11.618	3721422	19.662 ug/ml
10) T n-Eicosane (C20)	12.930	3533348	18.959 ug/ml
11) T n-Heneicosane (C21)	13.544	3456570	18.798 ug/ml
13) T n-Docosane (C22)	14.131	3457767	18.471 ug/ml
14) T n-Tetracosane (C24)	15.238	3453064	17.630 ug/ml
15) T n-Hexacosane (C26)	16.261	3410175	17.548 ug/ml
16) T n-Octacosane (C28)	17.213	3487133	18.006 ug/ml
17) T n-Tricontane (C30)	18.103	3731625	18.612 ug/ml
18) T n-Dotriacontane (C32)	18.937	3804772	19.348 ug/ml
19) T n-Tetratriacontane (C34)	19.722	3509091	20.330 ug/ml
20) T n-Hexatriacontane (C36)	20.463	3084724	21.324 ug/ml
21) T n-Octatriacontane (C38)	21.209	2858929	22.715 ug/ml
22) T n-Tetracontane (C40)	22.139	2800783	24.225 ug/ml

(f)=RT Delta > 1/2 Window

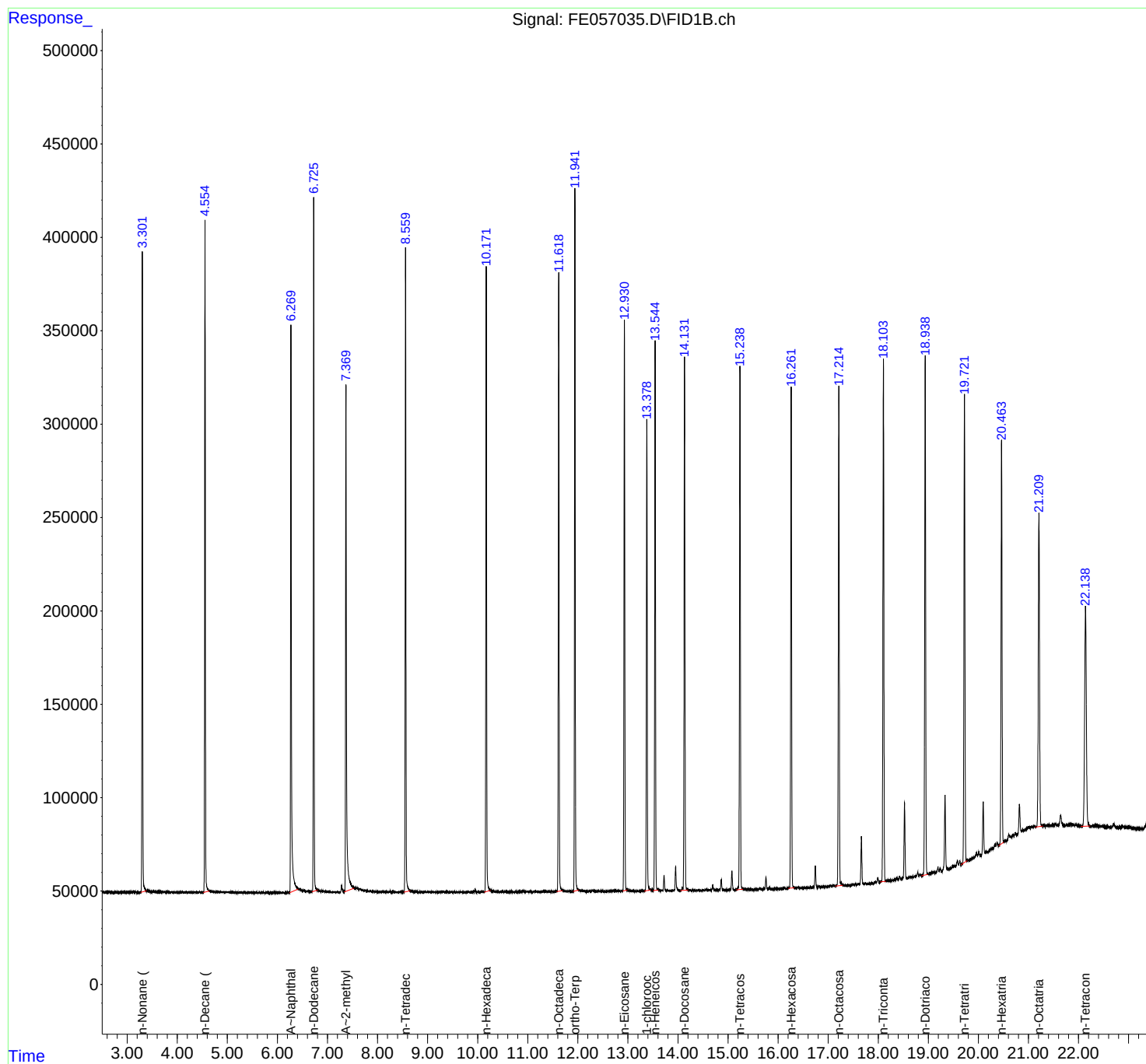
(m)=manual int.

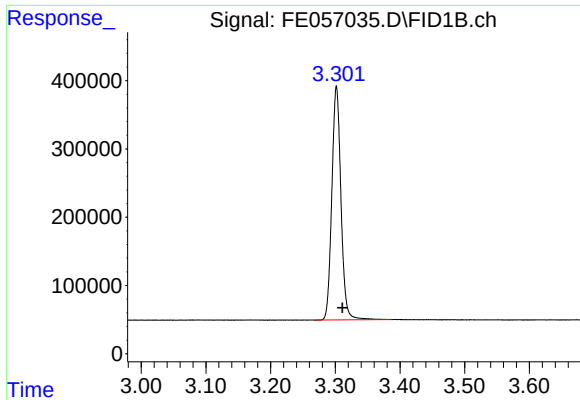
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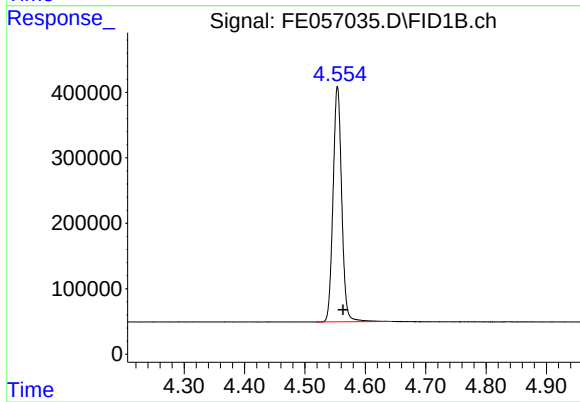




#1 n-Nonane (C9)

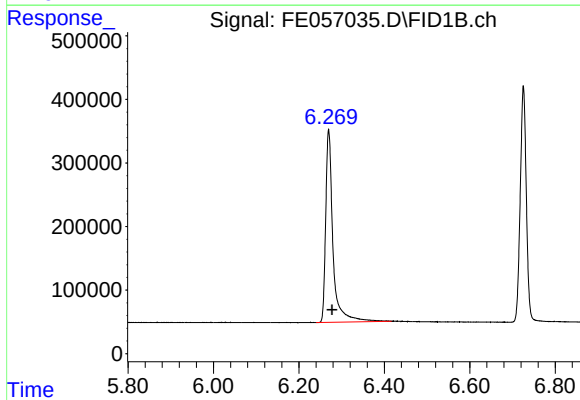
R.T.: 3.302 min
Delta R.T.: -0.009 min
Response: 3350575
Conc: 19.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



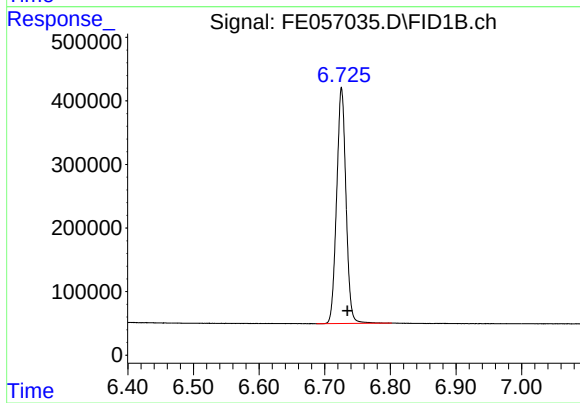
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.009 min
Response: 3592398
Conc: 20.94 ug/ml



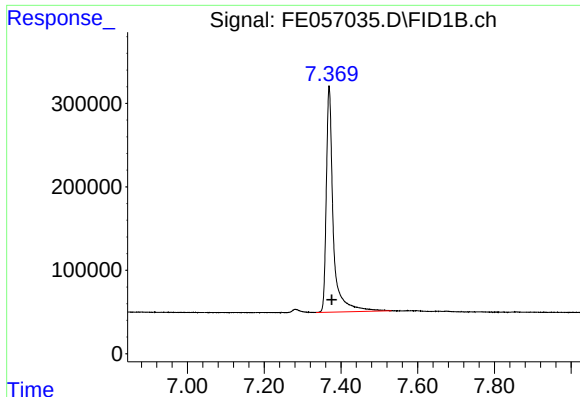
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.008 min
Response: 3598692
Conc: 19.50 ug/ml



#4 n-Dodecane (C12)

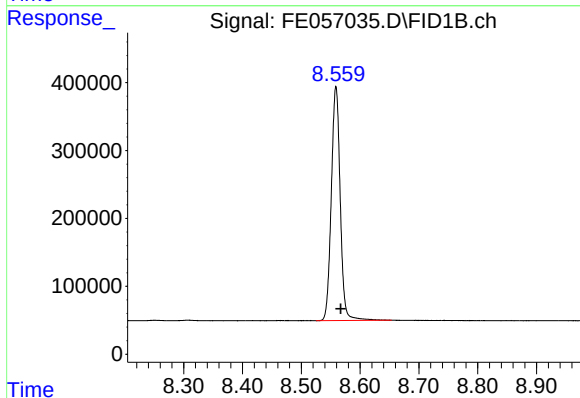
R.T.: 6.726 min
Delta R.T.: -0.009 min
Response: 3668772
Conc: 21.09 ug/ml



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

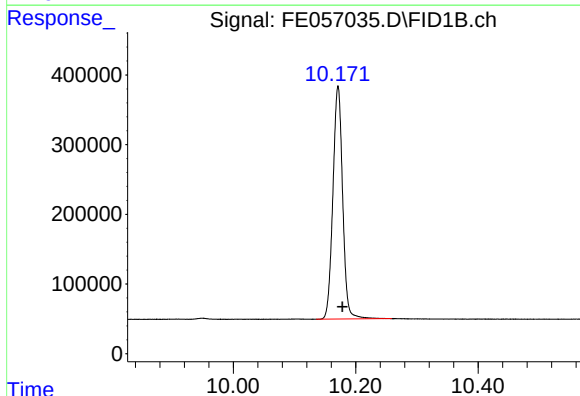
R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 3425460
Conc: 19.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



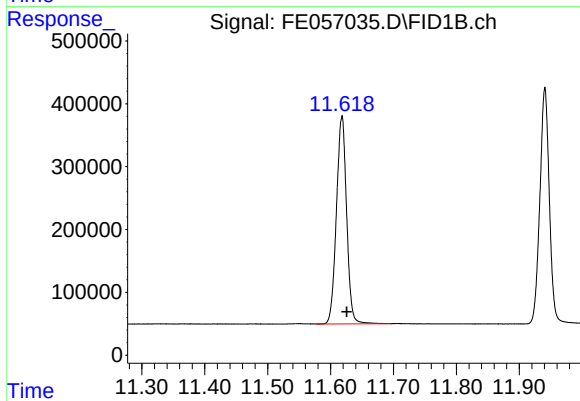
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 3631105
Conc: 20.80 ug/ml



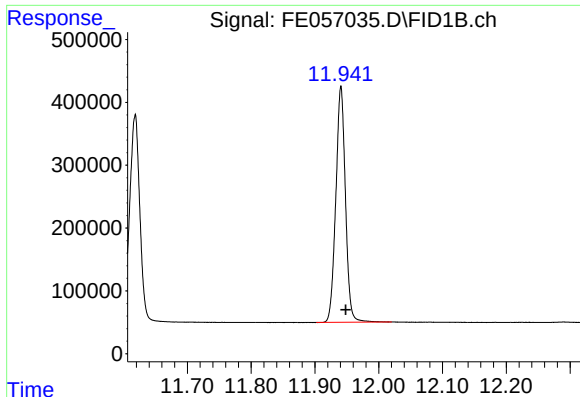
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.007 min
Response: 3699878
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

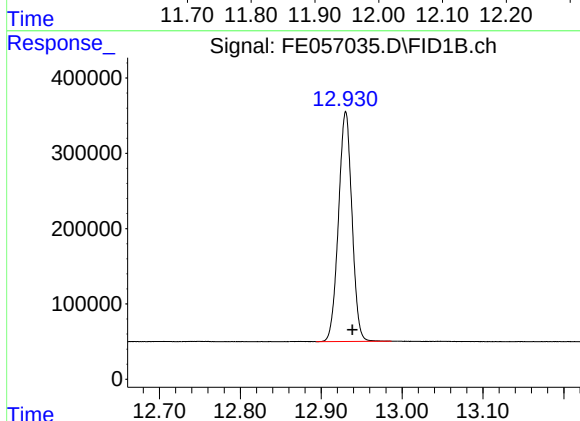
R.T.: 11.618 min
Delta R.T.: -0.008 min
Response: 3721422
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

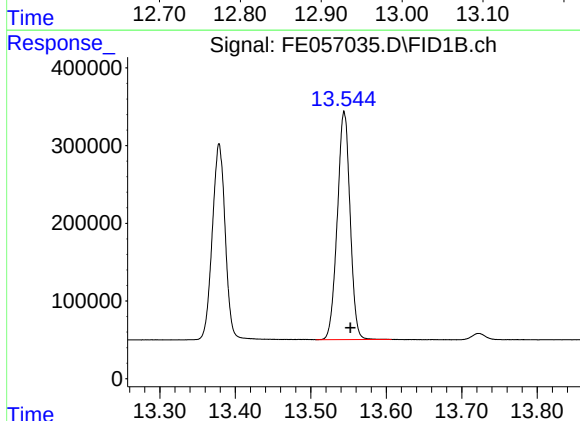
R.T.: 11.941 min
Delta R.T.: -0.008 min
Response: 3939211
Conc: 18.86 ug/ml

Instrument :
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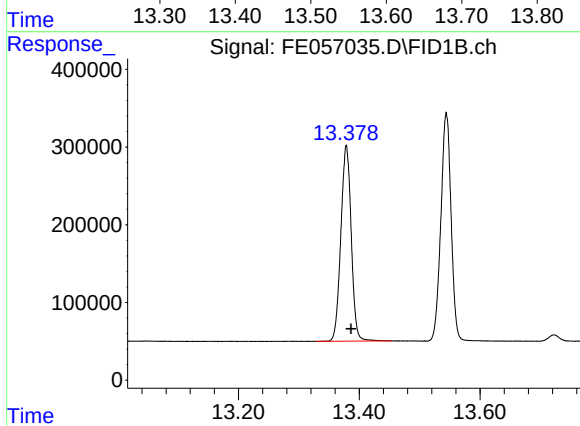
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.008 min
Response: 3533348
Conc: 18.96 ug/ml



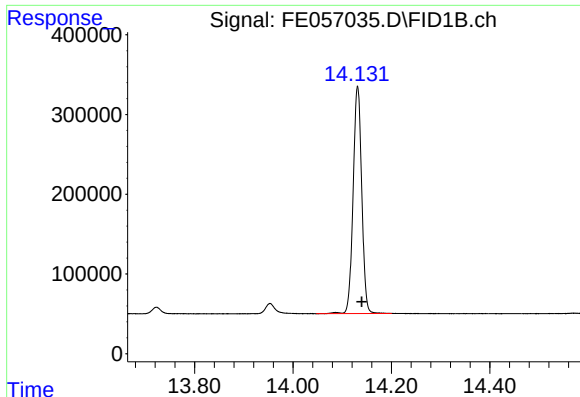
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.008 min
Response: 3456570
Conc: 18.80 ug/ml



#12 1-chlorooctadecane (SURR)

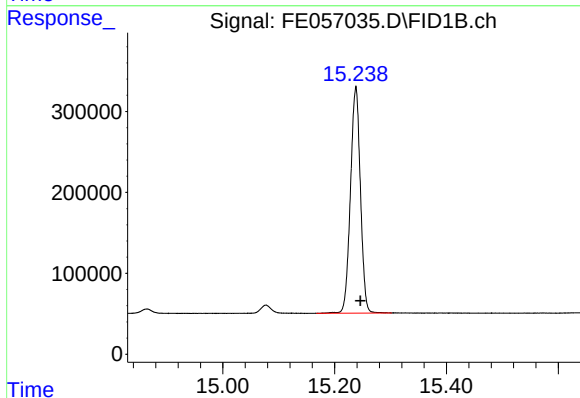
R.T.: 13.379 min
Delta R.T.: -0.008 min
Response: 3008770
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

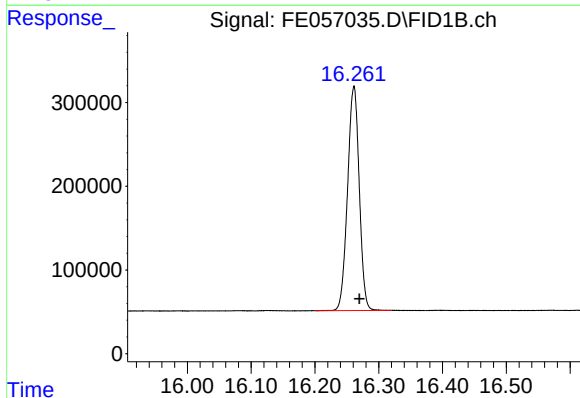
R.T.: 14.131 min
Delta R.T.: -0.008 min
Response: 3457767
Conc: 18.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



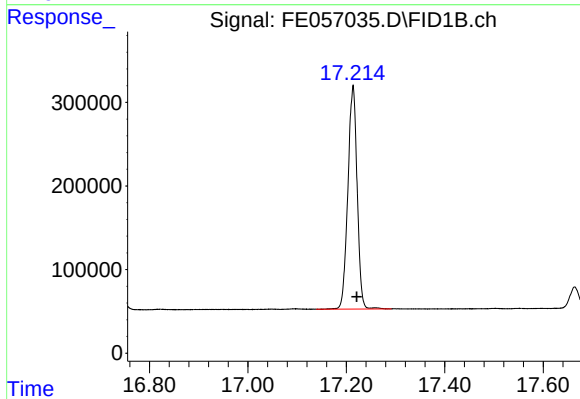
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.008 min
Response: 3453064
Conc: 17.63 ug/ml



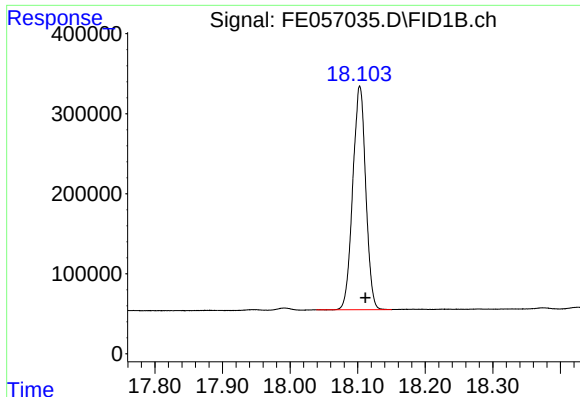
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.009 min
Response: 3410175
Conc: 17.55 ug/ml



#16 n-Octacosane (C28)

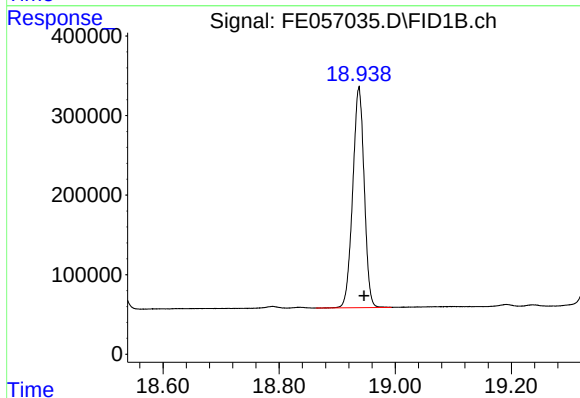
R.T.: 17.213 min
Delta R.T.: -0.008 min
Response: 3487133
Conc: 18.01 ug/ml



#17 n-Tricontane (C30)

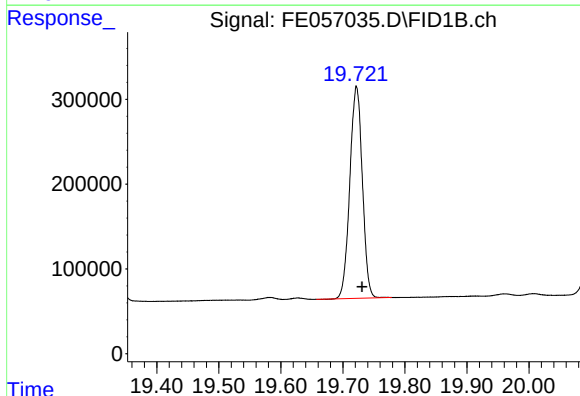
R.T.: 18.103 min
Delta R.T.: -0.008 min
Response: 3731625
Conc: 18.61 ug/ml

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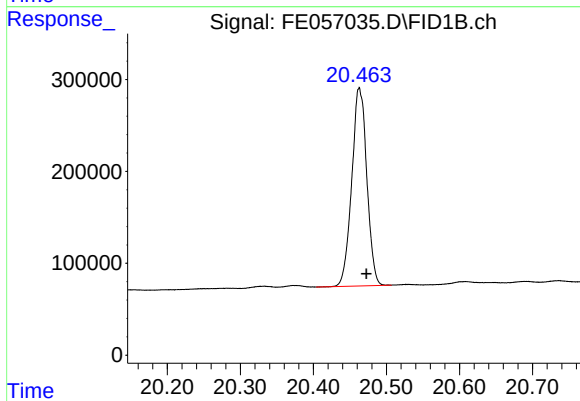
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.009 min
Response: 3804772
Conc: 19.35 ug/ml



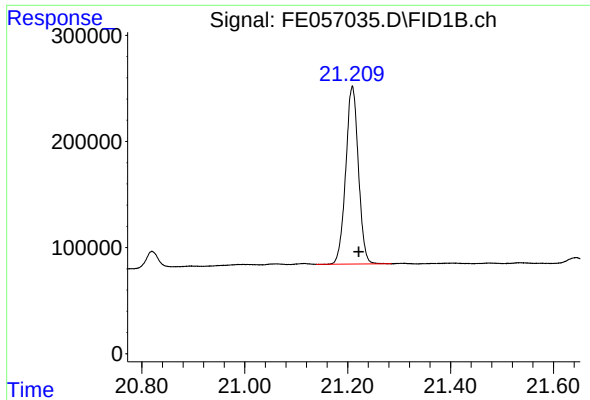
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.009 min
Response: 3509091
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

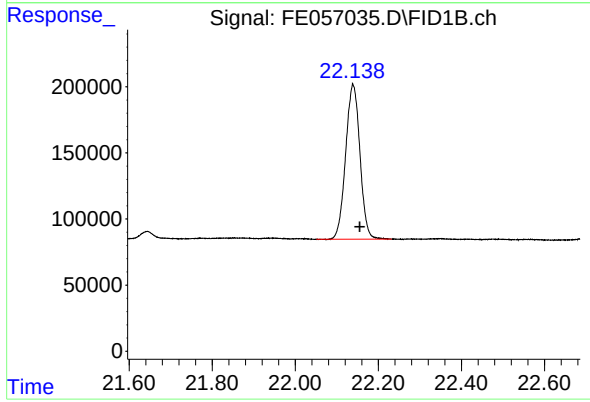
R.T.: 20.463 min
Delta R.T.: -0.009 min
Response: 3084724
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.013 min
Response: 2858929
Conc: 22.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.016 min
Response: 2800783
Conc: 24.23 ug/ml