

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101425AL\
 Data File : FE056319.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2025 09:00
 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: autoint1.e
 Quant Time: Oct 14 11:13:53 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)	12.065	4146995	22.099 ug/ml
Spiked Amount 50.000		Recovery =	44.20%
12) S 1-chlorooctadecane (S...	13.501	3016278	21.612 ug/ml
Spiked Amount 50.000		Recovery =	43.22%
Target Compounds			
1) T n-Nonane (C9)	3.403	2307972	16.847 ug/ml
2) T n-Decane (C10)	4.663	2492815	17.862 ug/ml
3) T A~Naphthalene (C11.7)	6.383	3244726	20.322 ug/ml
4) T n-Dodecane (C12)	6.839	2795481	19.477 ug/ml
5) T A~2-methylnaphthalene...	7.484	3252847	20.916 ug/ml
6) T n-Tetradecane (C14)	8.675	3085280	20.868 ug/ml
7) T n-Hexadecane (C16)	10.289	3504047	22.051 ug/ml
8) T n-Octadecane (C18)	11.738	3765548	22.231 ug/ml
10) T n-Eicosane (C20)	13.053	3708047	22.369 ug/ml
11) T n-Heneicosane (C21)	13.667	3600377	22.157 ug/ml
13) T n-Docosane (C22)	14.255	3508136	21.955 ug/ml
14) T n-Tetracosane (C24)	15.362	3318501	21.778 ug/ml
15) T n-Hexacosane (C26)	16.385	3053563	21.409 ug/ml
16) T n-Octacosane (C28)	17.338	2938473	21.094 ug/ml
17) T n-Tricontane (C30)	18.228	3037221	20.497 ug/ml
18) T n-Dotriacontane (C32)	19.062	3042045	20.389 ug/ml
19) T n-Tetratriacontane (C34)	19.847	2926322	20.688 ug/ml
20) T n-Hexatriacontane (C36)	20.587	2649084	20.636 ug/ml
21) T n-Octatriacontane (C38)	21.360	2634016	20.055 ug/ml
22) T n-Tetracontane (C40)	22.341	2296574	19.304 ug/ml

(f)=RT Delta > 1/2 Window

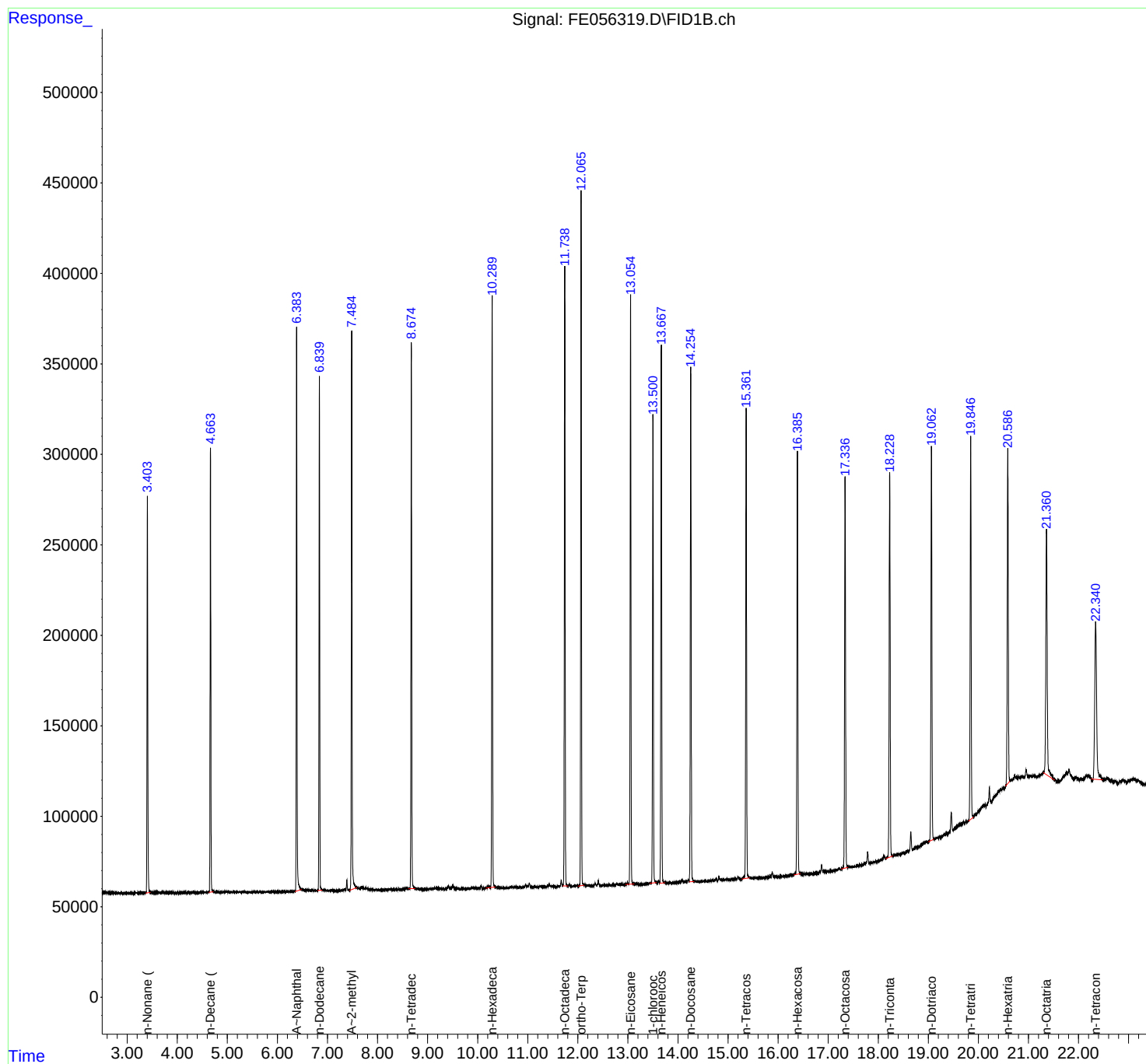
(m)=manual int.

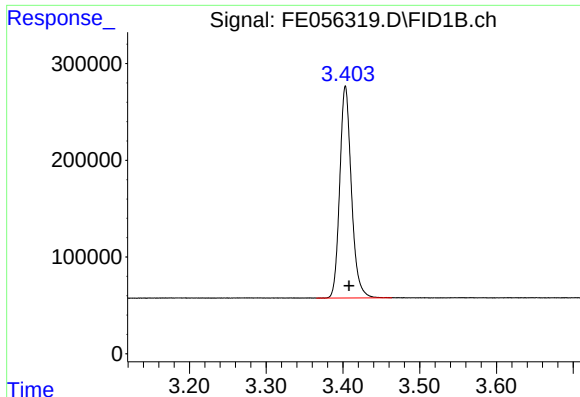
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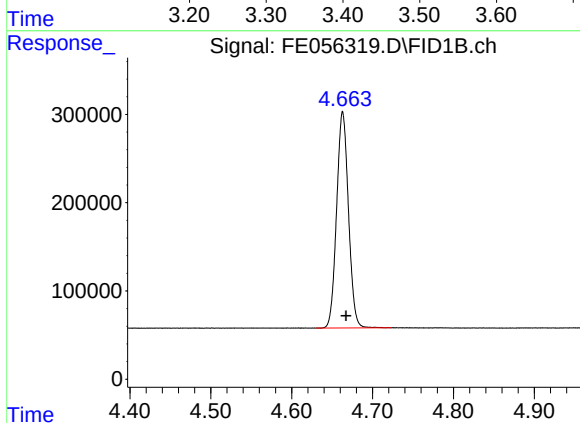




#1 n-Nonane (C9)

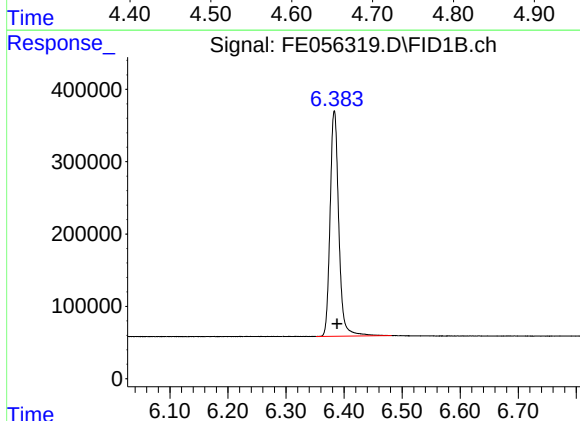
R.T.: 3.403 min
Delta R.T.: -0.005 min
Response: 2307972
Conc: 16.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



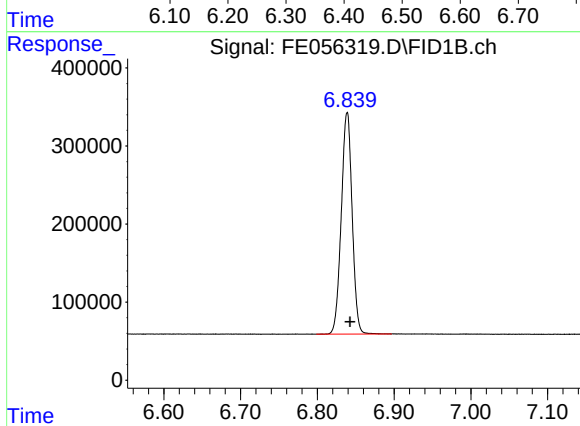
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 2492815
Conc: 17.86 ug/ml



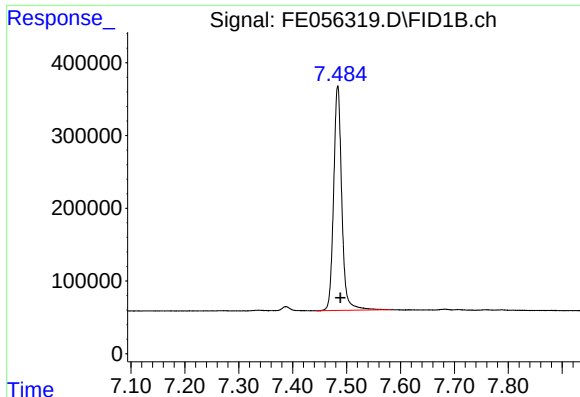
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 3244726
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

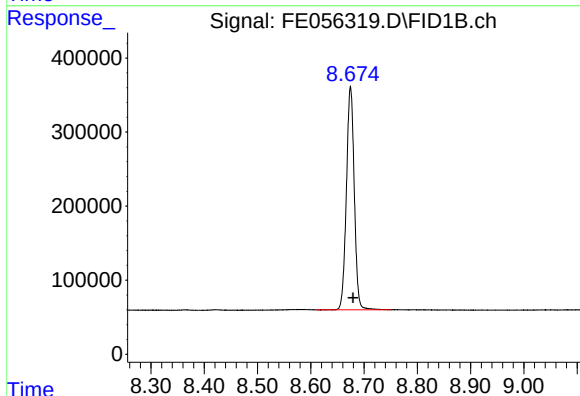
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 2795481
Conc: 19.48 ug/ml



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

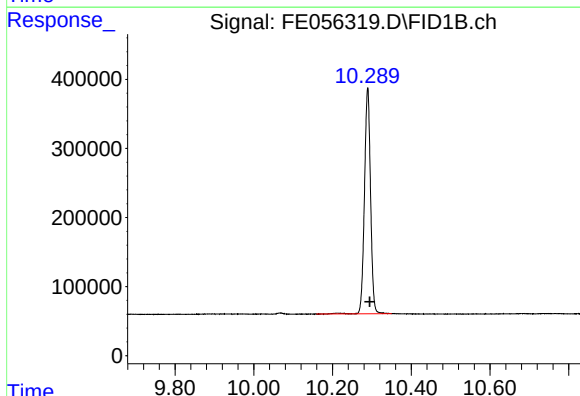
R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 3252847
Conc: 20.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



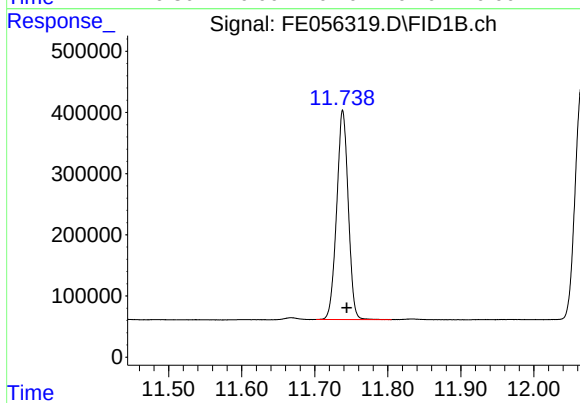
#6 n-Tetradecane (C14)

R.T.: 8.675 min
Delta R.T.: -0.005 min
Response: 3085280
Conc: 20.87 ug/ml



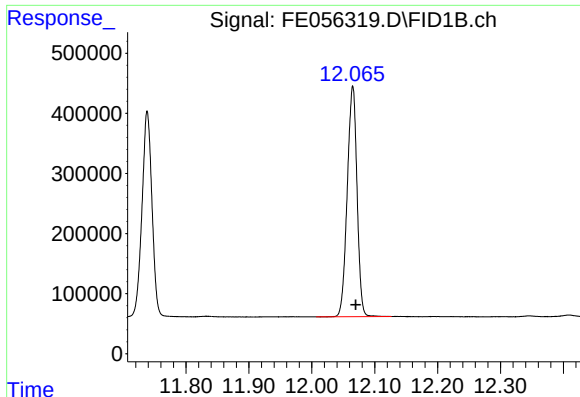
#7 n-Hexadecane (C16)

R.T.: 10.289 min
Delta R.T.: -0.005 min
Response: 3504047
Conc: 22.05 ug/ml



#8 n-Octadecane (C18)

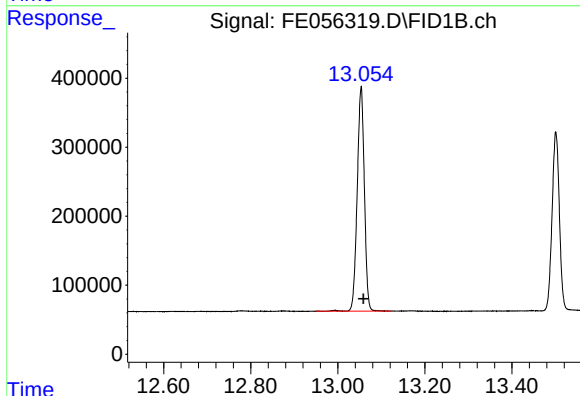
R.T.: 11.738 min
Delta R.T.: -0.006 min
Response: 3765548
Conc: 22.23 ug/ml



#9 ortho-Terphenyl (SURR)

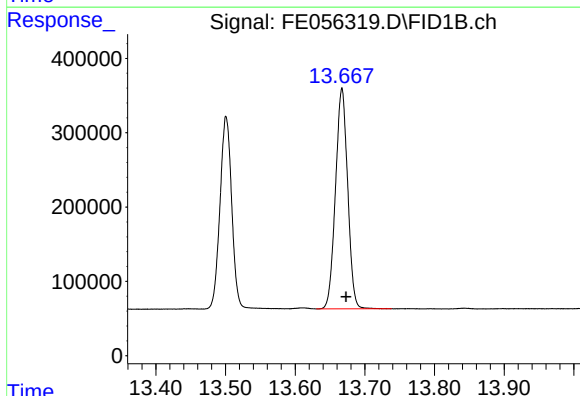
R.T.: 12.065 min
Delta R.T.: -0.005 min
Response: 4146995
Conc: 22.10 ug/ml

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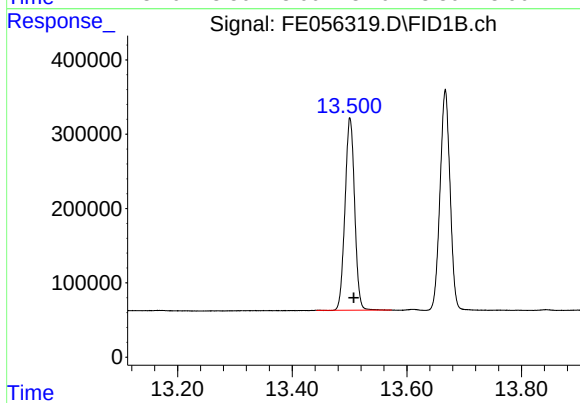
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: -0.005 min
Response: 3708047
Conc: 22.37 ug/ml



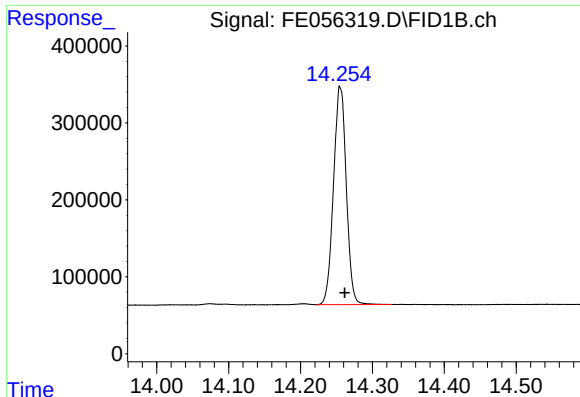
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.006 min
Response: 3600377
Conc: 22.16 ug/ml



#12 1-chlorooctadecane (SURR)

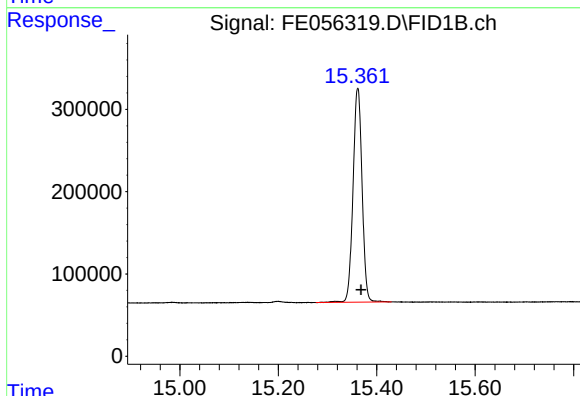
R.T.: 13.501 min
Delta R.T.: -0.006 min
Response: 3016278
Conc: 21.61 ug/ml



#13 n-Docosane (C22)

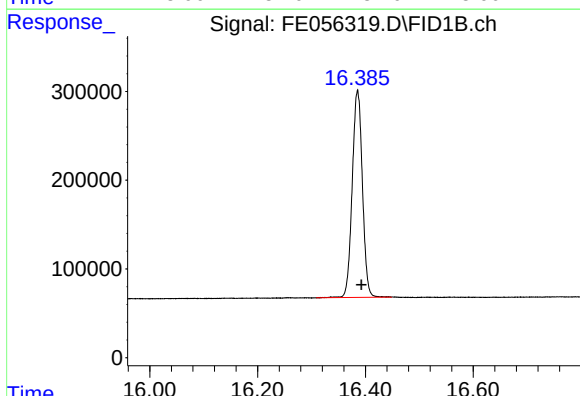
R.T.: 14.255 min
Delta R.T.: -0.006 min
Response: 3508136
Conc: 21.95 ug/ml

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20 PPM ALIPHATIC HC STD



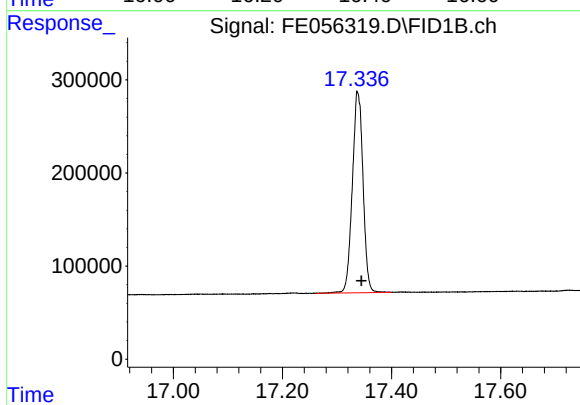
#14 n-Tetracosane (C24)

R.T.: 15.362 min
Delta R.T.: -0.007 min
Response: 3318501
Conc: 21.78 ug/ml



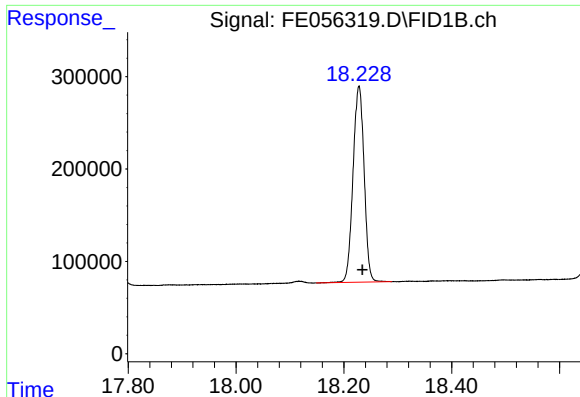
#15 n-Hexacosane (C26)

R.T.: 16.385 min
Delta R.T.: -0.007 min
Response: 3053563
Conc: 21.41 ug/ml



#16 n-Octacosane (C28)

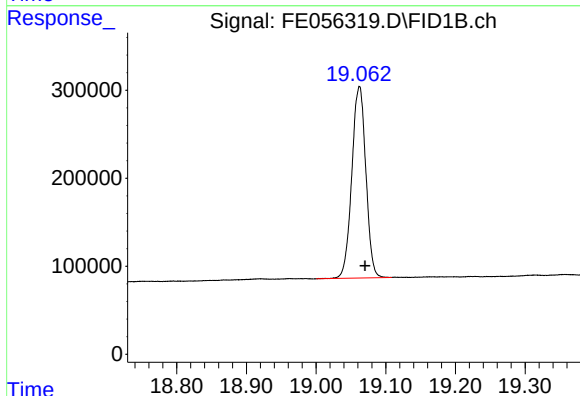
R.T.: 17.338 min
Delta R.T.: -0.006 min
Response: 2938473
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

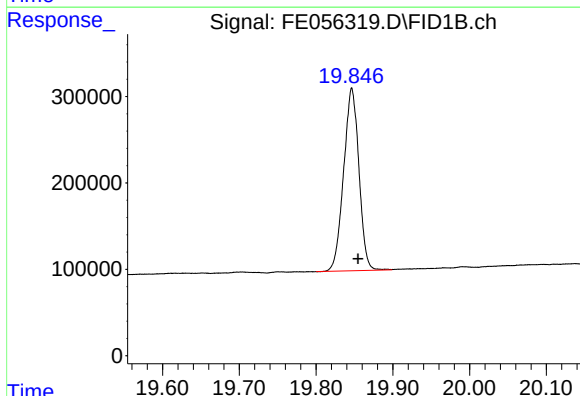
R.T.: 18.228 min
Delta R.T.: -0.007 min
Response: 3037221
Conc: 20.50 ug/ml

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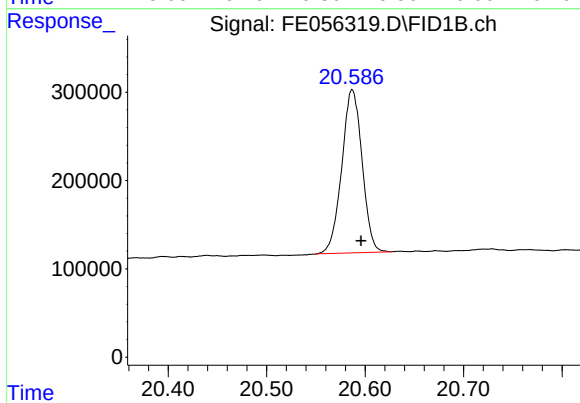
#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: -0.008 min
Response: 3042045
Conc: 20.39 ug/ml



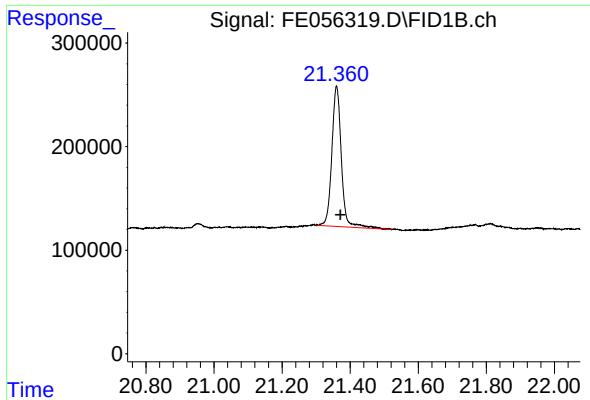
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: -0.008 min
Response: 2926322
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

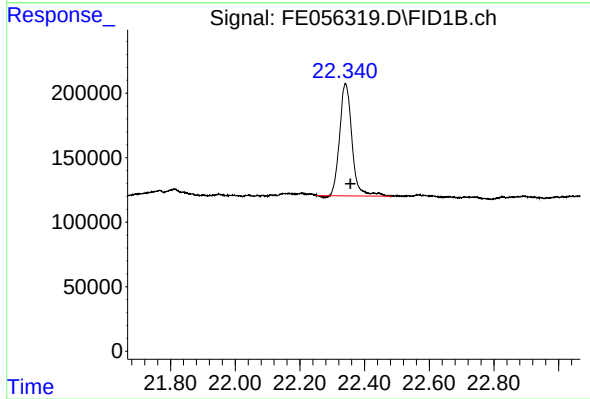
R.T.: 20.587 min
Delta R.T.: -0.009 min
Response: 2649084
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.012 min
Response: 2634016
Conc: 20.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.341 min
Delta R.T.: -0.016 min
Response: 2296574
Conc: 19.30 ug/ml