

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
 Data File : FE055964.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2025 10:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 24 11:01:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 11:00:43 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)	12.072	3567994	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.509	2647245	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.411	2766852	20.000 ug/ml
2) T n-Decane (C10)	4.669	2814312	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.388	3171326	20.000 ug/ml
4) T n-Dodecane (C12)	6.844	2881508	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.489	3059763	20.000 ug/ml
6) T n-Tetradecane (C14)	8.681	2927514	20.000 ug/ml
7) T n-Hexadecane (C16)	10.296	3109210	20.000 ug/ml
8) T n-Octadecane (C18)	11.746	3251555	20.000 ug/ml
10) T n-Eicosane (C20)	13.061	3151785	20.000 ug/ml
11) T n-Heneicosane (C21)	13.675	3077000	20.000 ug/ml
13) T n-Docosane (C22)	14.264	3018934	20.000 ug/ml
14) T n-Tetracosane (C24)	15.369	2880999	20.000 ug/ml
15) T n-Hexacosane (C26)	16.394	2712524	20.000 ug/ml
16) T n-Octacosane (C28)	17.346	2656180	20.000 ug/ml
17) T n-Tricontane (C30)	18.236	2820975	20.000 ug/ml
18) T n-Dotriacontane (C32)	19.071	2869454	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.856	2735529	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.598	2490383	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.374	2320773	20.000 ug/ml
22) T n-Tetracontane (C40)	22.360	2272256	20.000 ug/ml

(f)=RT Delta > 1/2 Window

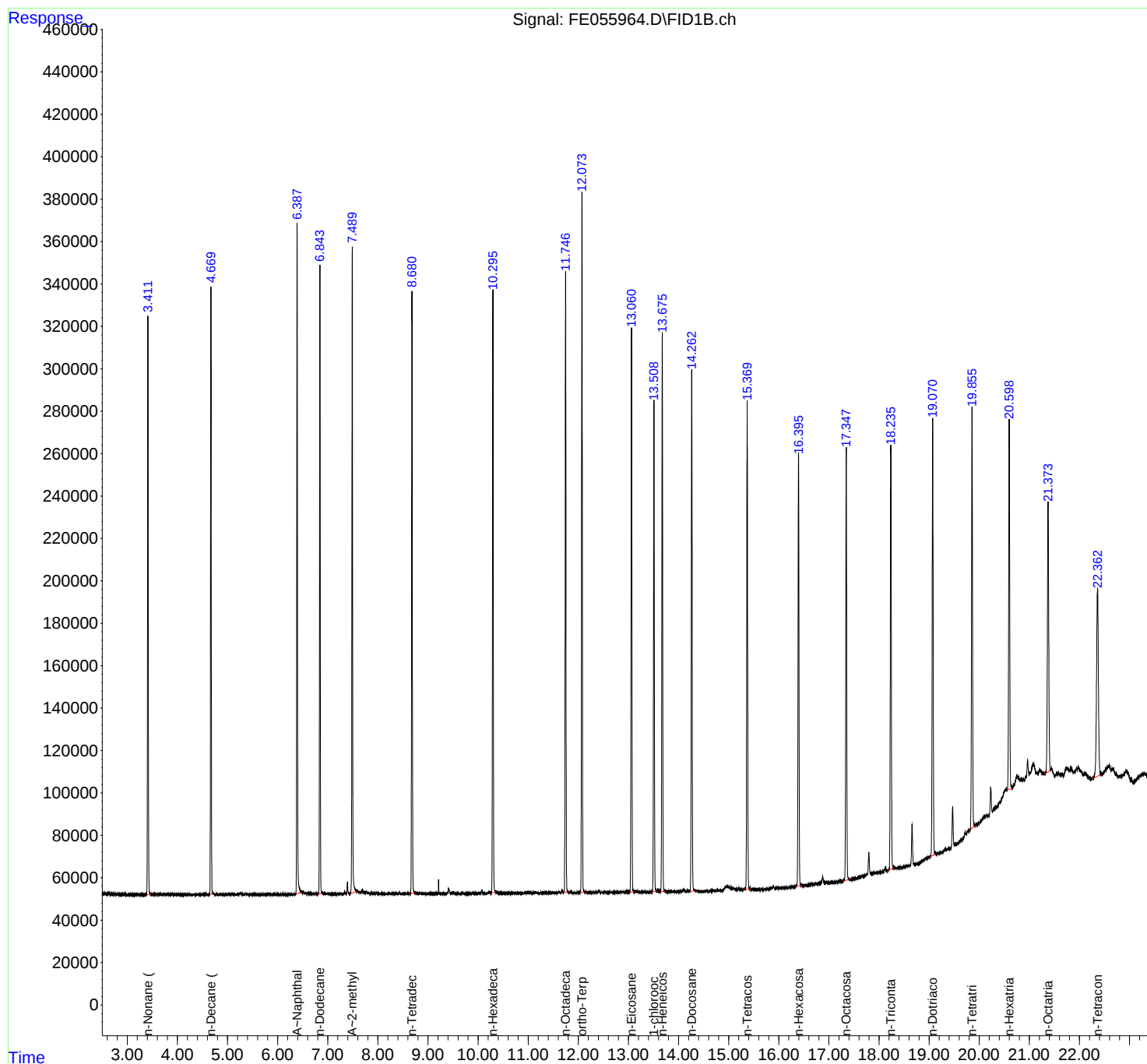
(m)=manual int.

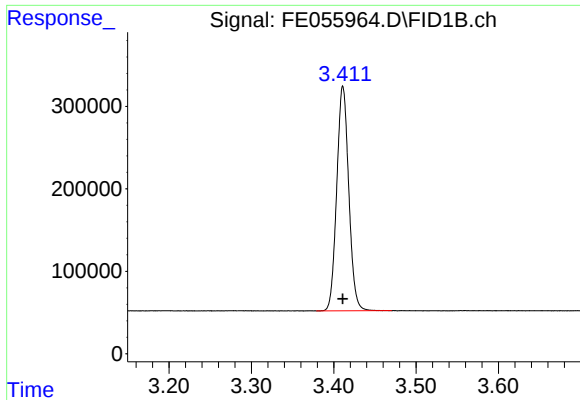
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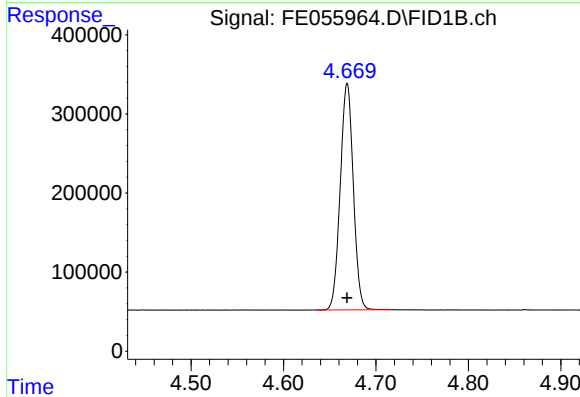




#1 n-Nonane (C9)

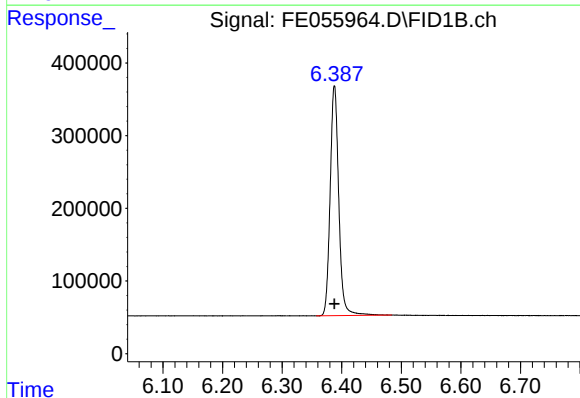
R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 2766852
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



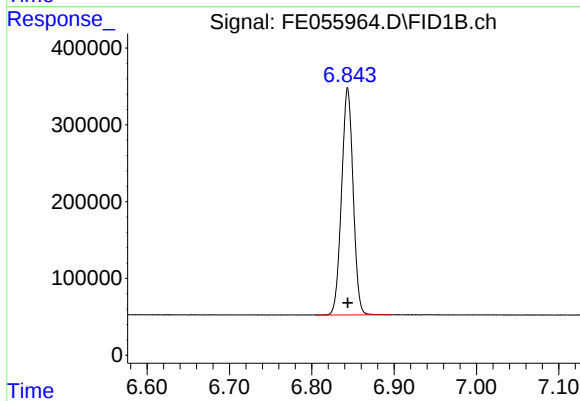
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 2814312
Conc: 20.00 ug/ml



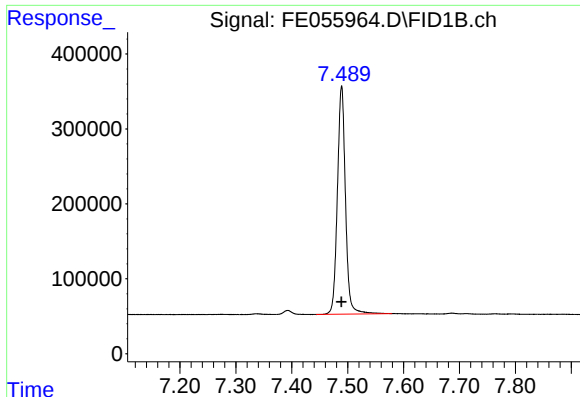
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 3171326
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

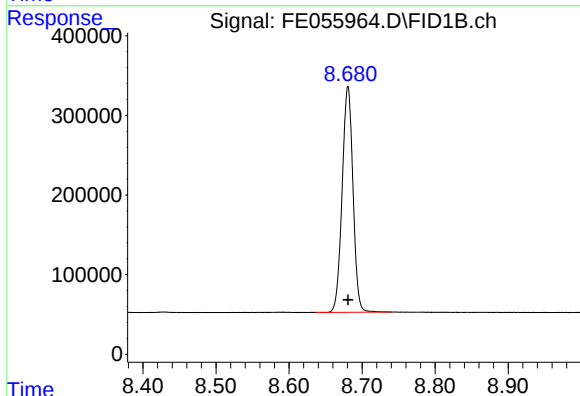
R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 2881508
Conc: 20.00 ug/ml



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

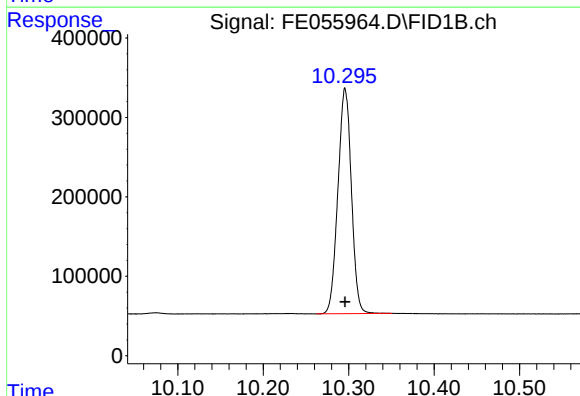
R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 3059763
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



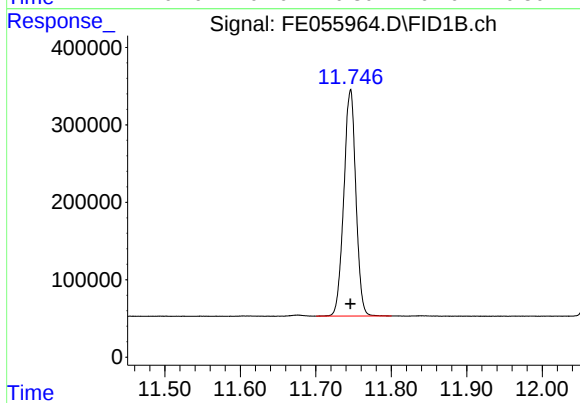
#6 n-Tetradecane (C14)

R.T.: 8.681 min
Delta R.T.: 0.000 min
Response: 2927514
Conc: 20.00 ug/ml



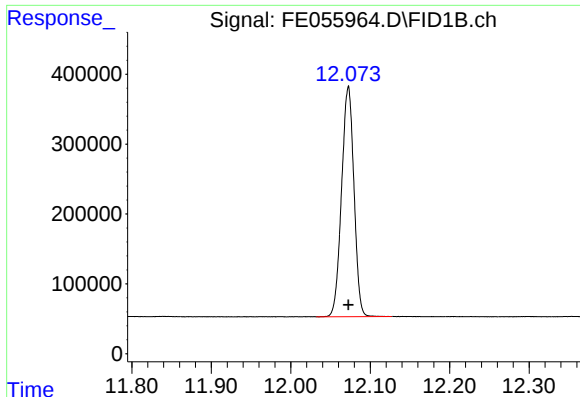
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.000 min
Response: 3109210
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

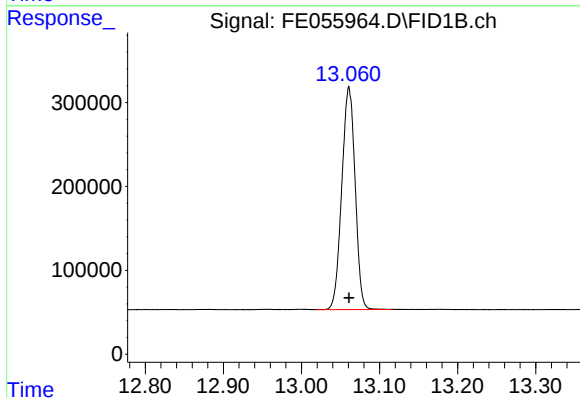
R.T.: 11.746 min
Delta R.T.: 0.000 min
Response: 3251555
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

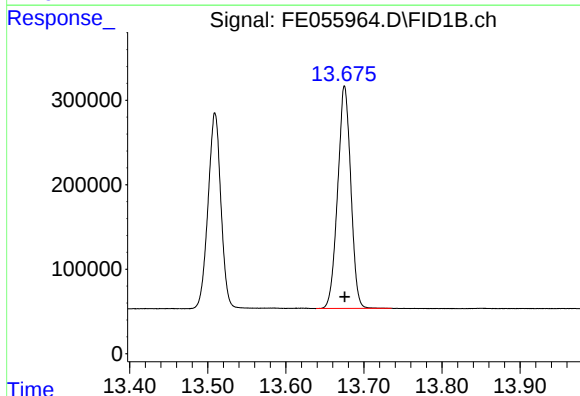
R.T.: 12.072 min
Delta R.T.: 0.000 min
Response: 3567994
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



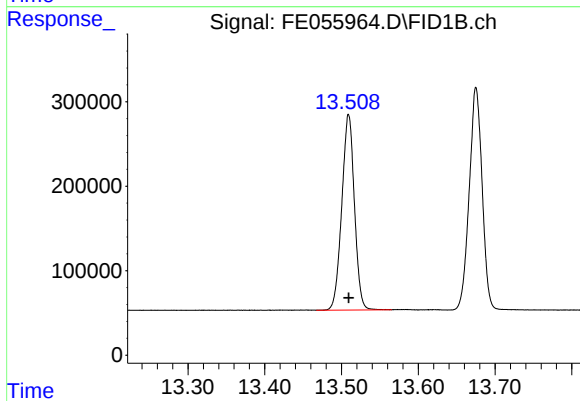
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.000 min
Response: 3151785
Conc: 20.00 ug/ml



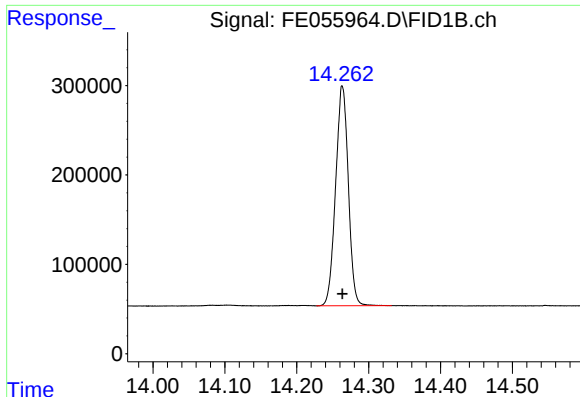
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: 0.000 min
Response: 3077000
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

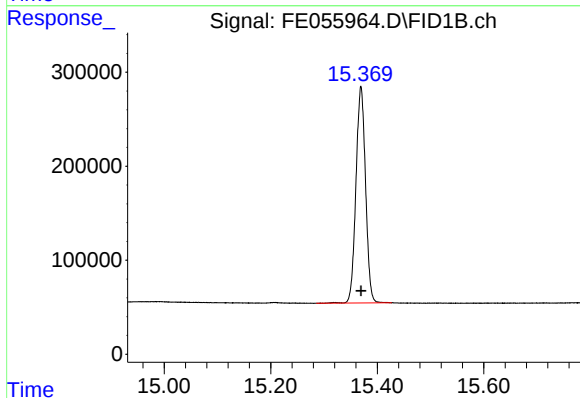
R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 2647245
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

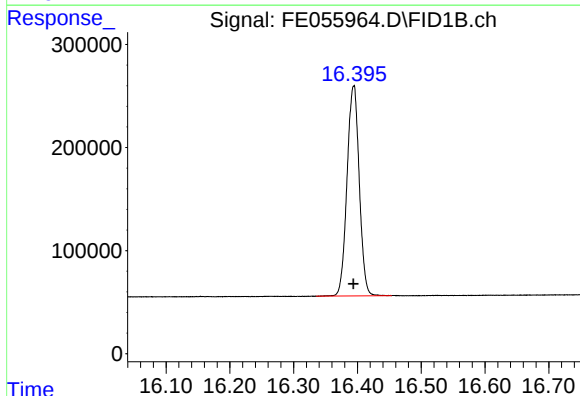
R.T.: 14.264 min
Delta R.T.: 0.000 min
Response: 3018934
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



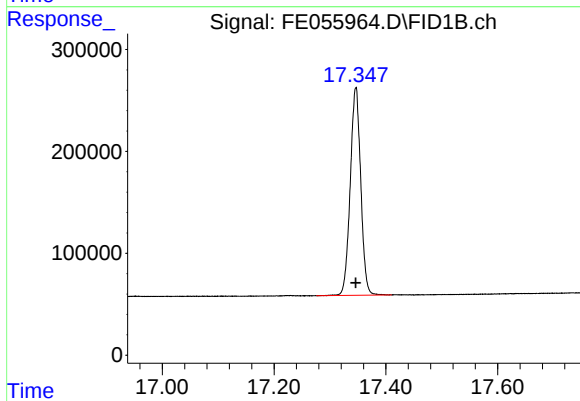
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: 0.000 min
Response: 2880999
Conc: 20.00 ug/ml



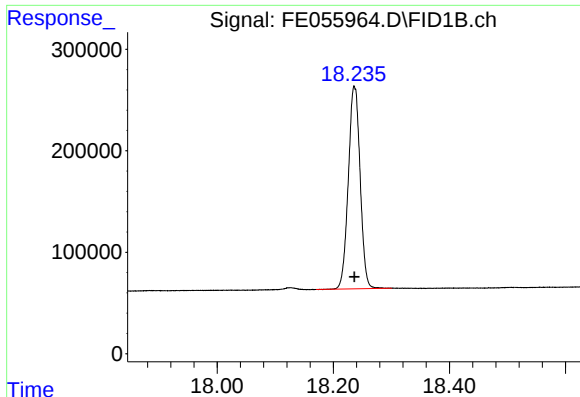
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.000 min
Response: 2712524
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

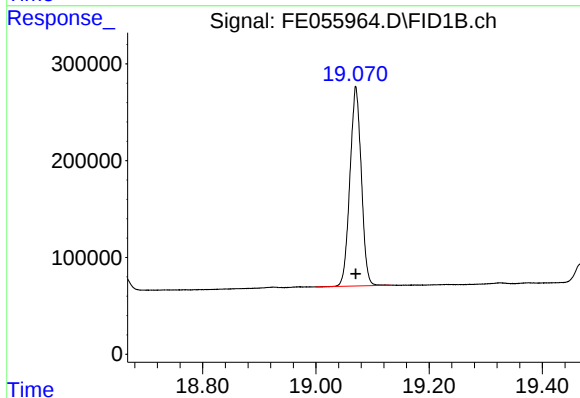
R.T.: 17.346 min
Delta R.T.: 0.000 min
Response: 2656180
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

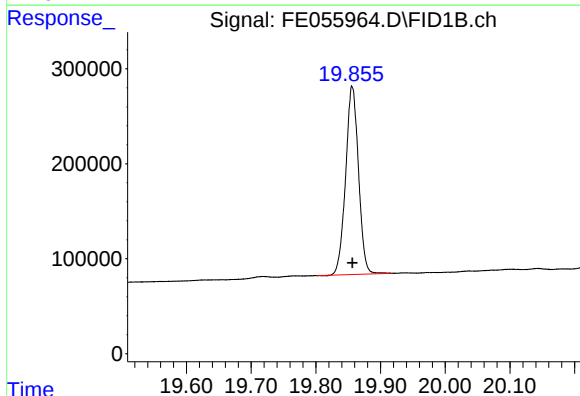
R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 2820975
Conc: 20.00 ug/ml

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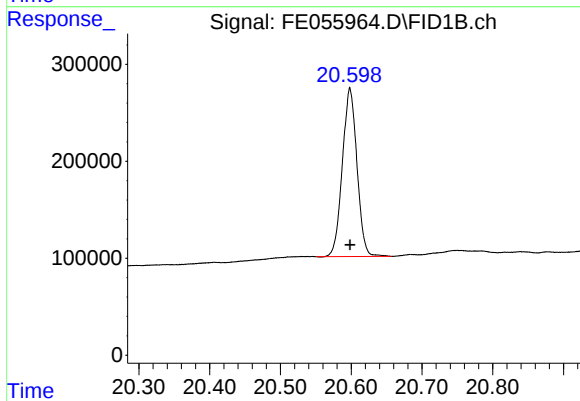
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: 0.000 min
Response: 2869454
Conc: 20.00 ug/ml



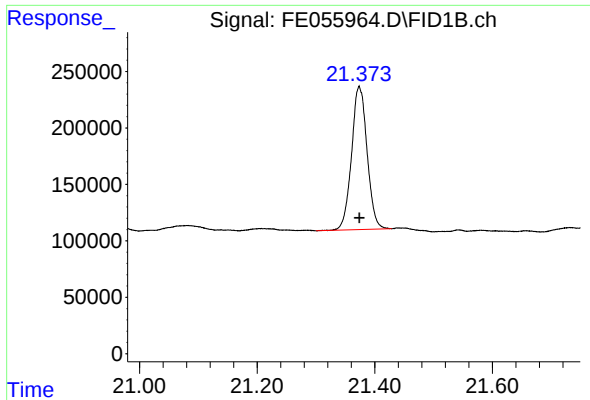
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.000 min
Response: 2735529
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

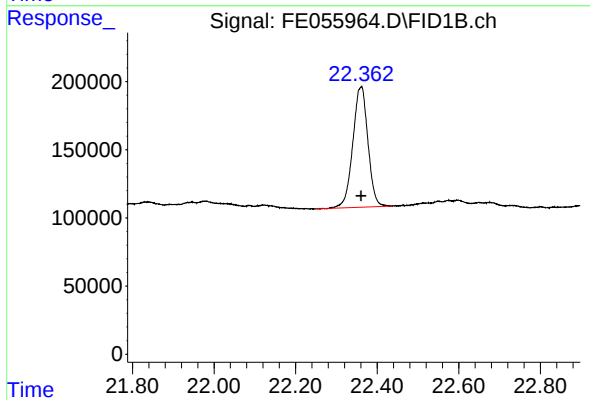
R.T.: 20.598 min
Delta R.T.: 0.000 min
Response: 2490383
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: 0.000 min
Response: 2320773
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: 0.000 min
Response: 2272256
Conc: 20.00 ug/ml