

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100225AL\
 Data File : FE056142.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2025 08:40
 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 03 00:53:49 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)	12.071	3812067	20.315 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
12) S 1-chlorooctadecane (S...	13.506	2857871	20.477 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.411	2329667	17.006 ug/ml
2) T n-Decane (C10)	4.670	2462677	17.646 ug/ml
3) T A~Naphthalene (C11.7)	6.390	3065033	19.197 ug/ml
4) T n-Dodecane (C12)	6.845	2693014	18.763 ug/ml
5) T A~2-methylnaphthalene...	7.490	3080240	19.806 ug/ml
6) T n-Tetradecane (C14)	8.680	2926200	19.792 ug/ml
7) T n-Hexadecane (C16)	10.295	3273114	20.598 ug/ml
8) T n-Octadecane (C18)	11.744	3501933	20.675 ug/ml
10) T n-Eicosane (C20)	13.058	3406346	20.549 ug/ml
11) T n-Heneicosane (C21)	13.672	3298284	20.298 ug/ml
13) T n-Docosane (C22)	14.261	3212805	20.106 ug/ml
14) T n-Tetracosane (C24)	15.366	3047902	20.002 ug/ml
15) T n-Hexacosane (C26)	16.390	2849483	19.978 ug/ml
16) T n-Octacosane (C28)	17.342	2781446	19.966 ug/ml
17) T n-Tricontane (C30)	18.230	2920805	19.711 ug/ml
18) T n-Dotriacontane (C32)	19.065	3041002	20.382 ug/ml
19) T n-Tetratriacontane (C34)	19.850	2917522	20.626 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2698694	21.023 ug/ml
21) T n-Octatriacontane (C38)	21.366	2571727	19.580 ug/ml
22) T n-Tetracontane (C40)	22.348	2312299	19.436 ug/ml

(f)=RT Delta > 1/2 Window

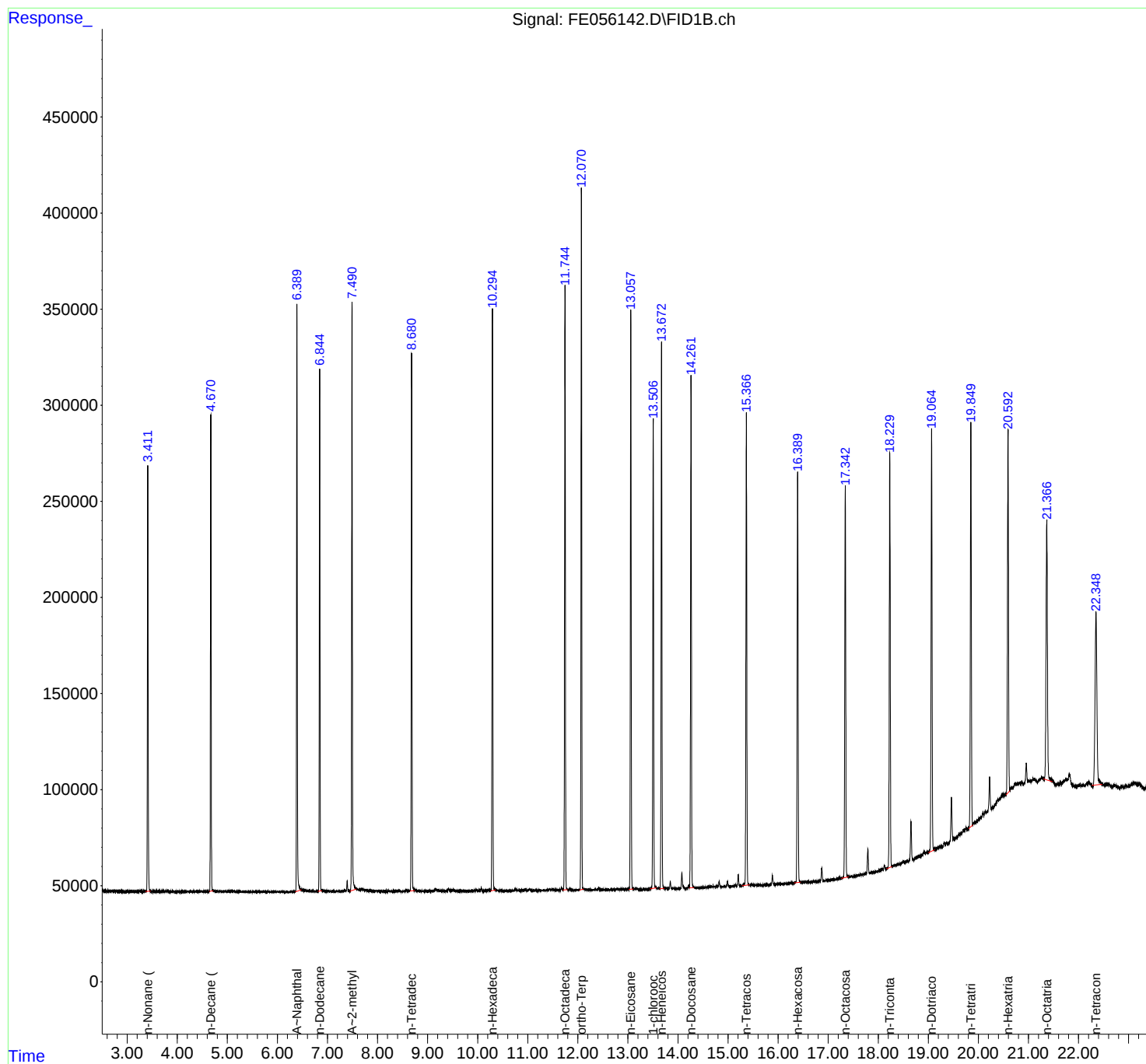
(m)=manual int.

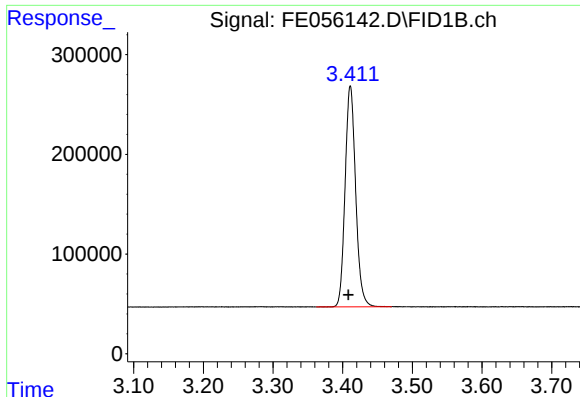
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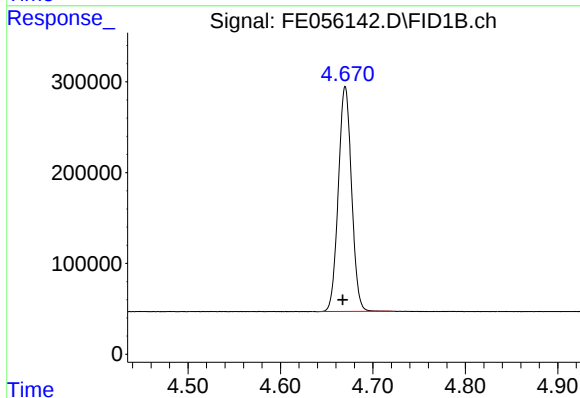




#1 n-Nonane (C9)

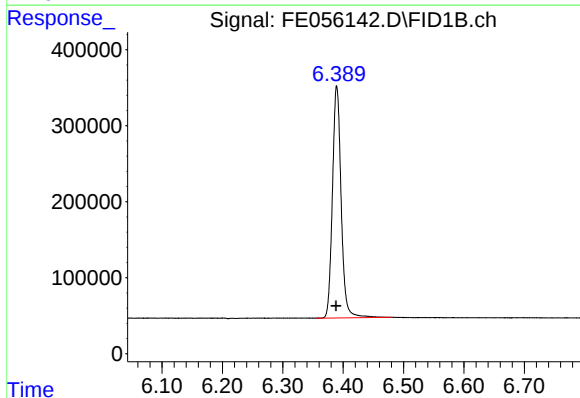
R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 2329667
Conc: 17.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



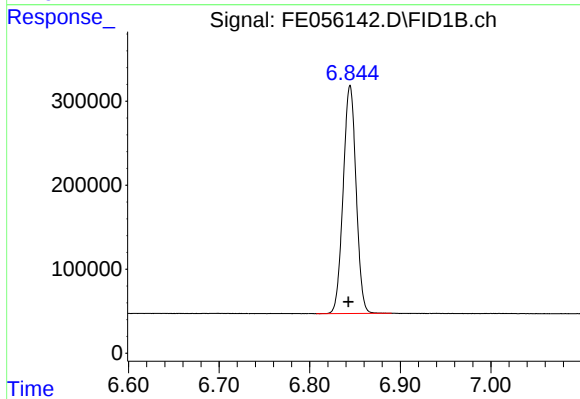
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: 0.003 min
Response: 2462677
Conc: 17.65 ug/ml



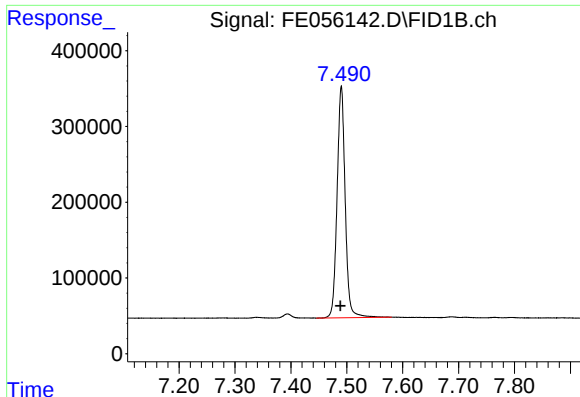
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.001 min
Response: 3065033
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

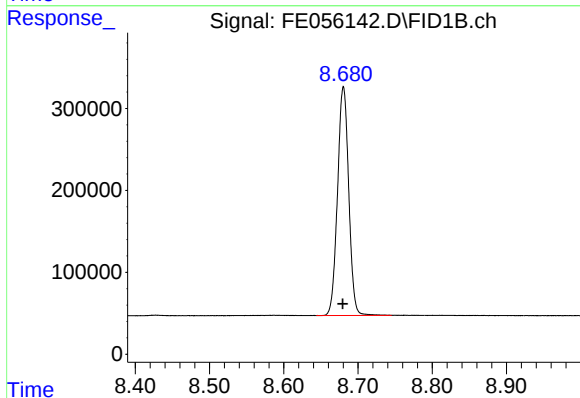
R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 2693014
Conc: 18.76 ug/ml



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

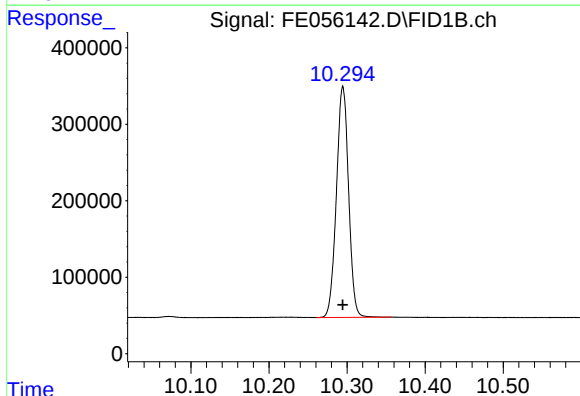
R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 3080240
Conc: 19.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



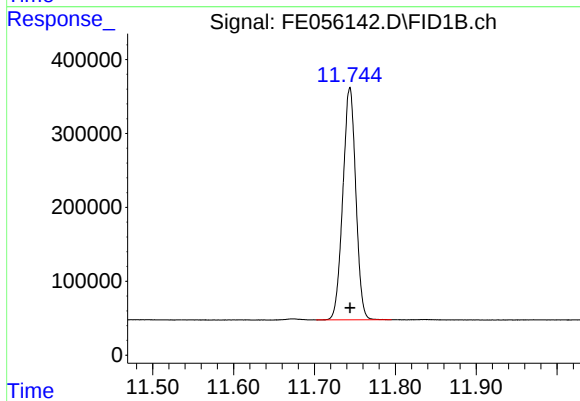
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 2926200
Conc: 19.79 ug/ml



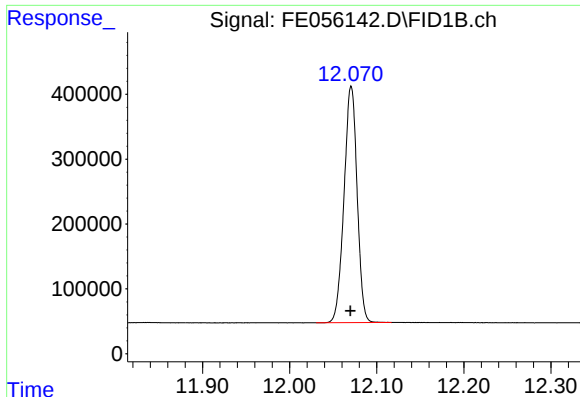
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: 0.000 min
Response: 3273114
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

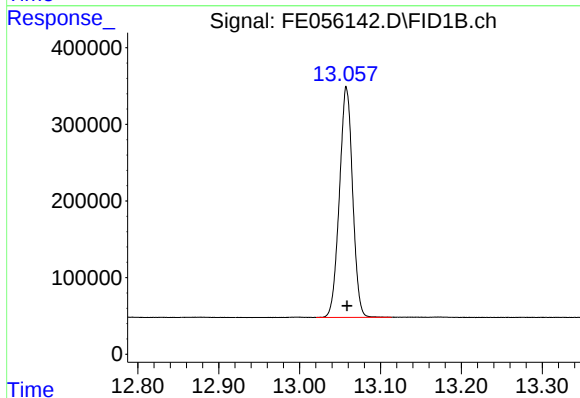
R.T.: 11.744 min
Delta R.T.: 0.000 min
Response: 3501933
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

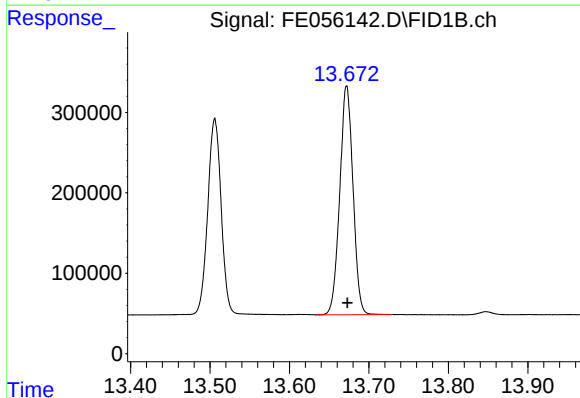
R.T.: 12.071 min
Delta R.T.: 0.000 min
Response: 3812067
Conc: 20.31 ug/ml

Instrument :
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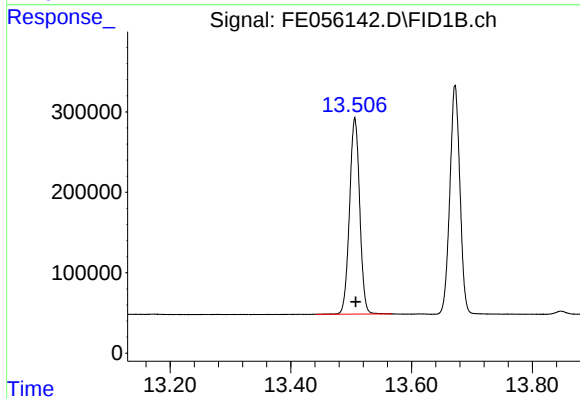
#10 n-Eicosane (C20)

R.T.: 13.058 min
Delta R.T.: 0.000 min
Response: 3406346
Conc: 20.55 ug/ml



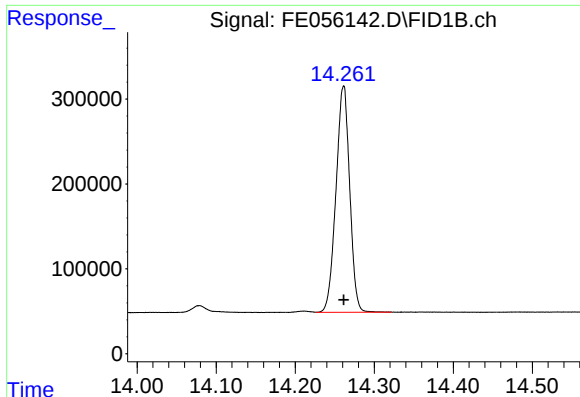
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 3298284
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

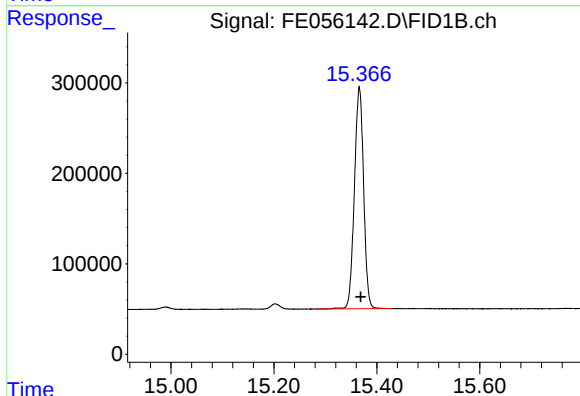
R.T.: 13.506 min
Delta R.T.: -0.001 min
Response: 2857871
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

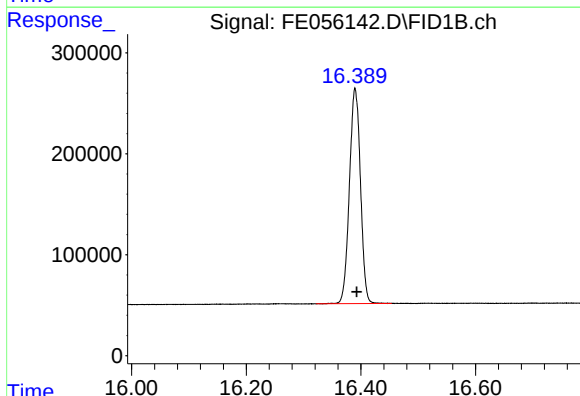
R.T.: 14.261 min
Delta R.T.: 0.000 min
Response: 3212805
Conc: 20.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



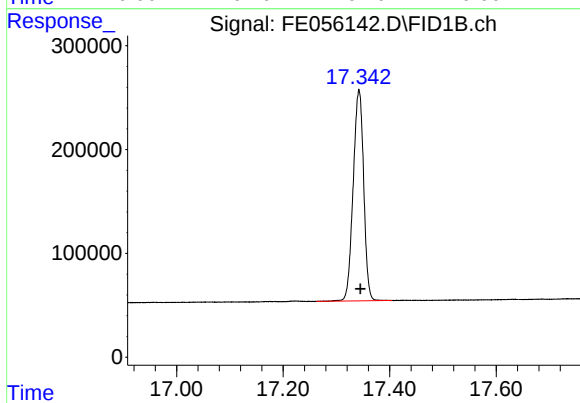
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 3047902
Conc: 20.00 ug/ml



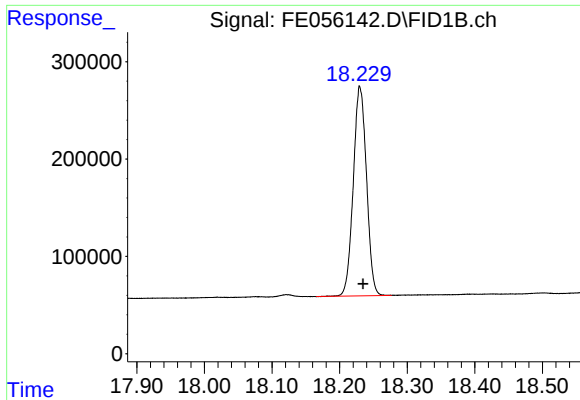
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.003 min
Response: 2849483
Conc: 19.98 ug/ml



#16 n-Octacosane (C28)

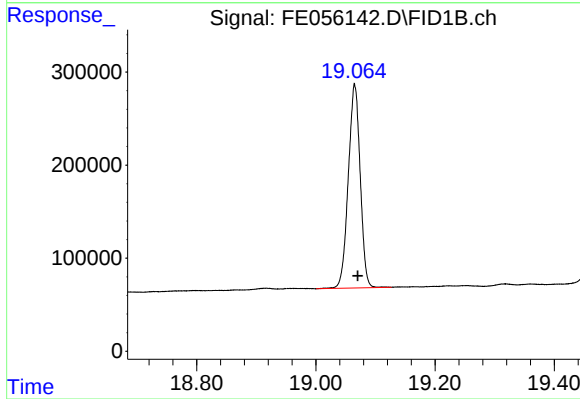
R.T.: 17.342 min
Delta R.T.: -0.003 min
Response: 2781446
Conc: 19.97 ug/ml



#17 n-Tricontane (C30)

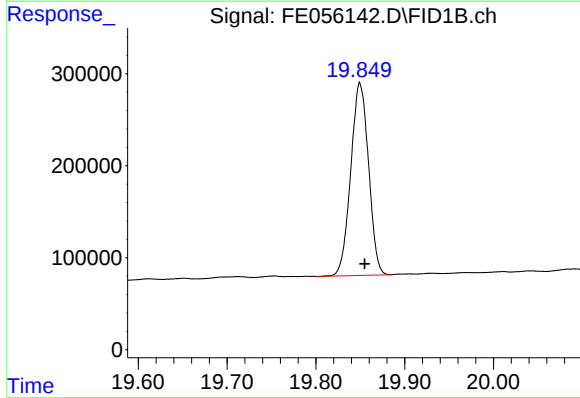
R.T.: 18.230 min
Delta R.T.: -0.004 min
Response: 2920805
Conc: 19.71 ug/ml

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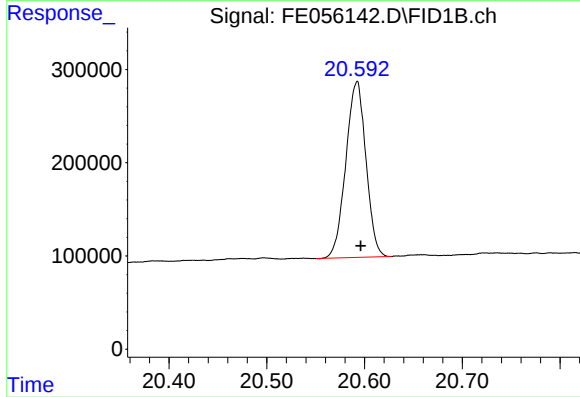
#18 n-Dotriacontane (C32)

R.T.: 19.065 min
Delta R.T.: -0.005 min
Response: 3041002
Conc: 20.38 ug/ml



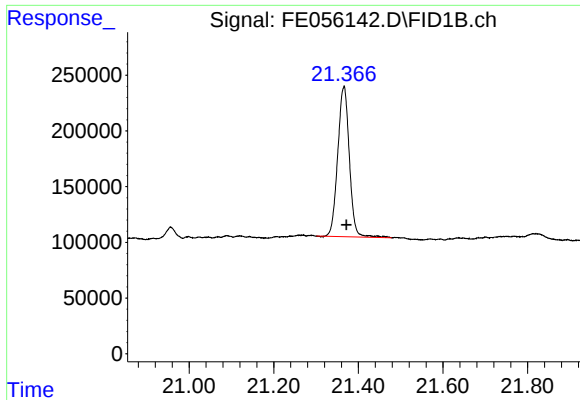
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.005 min
Response: 2917522
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

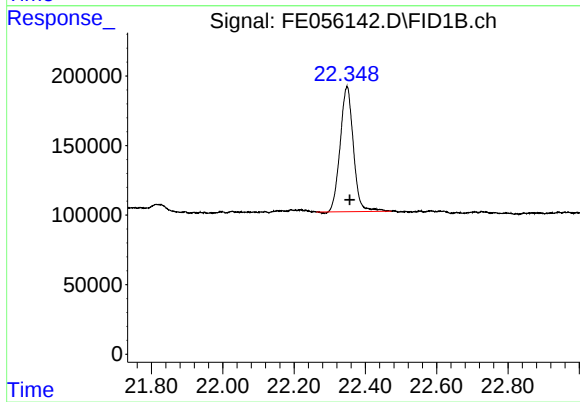
R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 2698694
Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.366 min
Delta R.T.: -0.006 min
Response: 2571727
Conc: 19.58 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.348 min
Delta R.T.: -0.008 min
Response: 2312299
Conc: 19.44 ug/ml