

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041725AL\
 Data File : FE053389.D
 Signal(s) : FID1B.ch
 Acq On : 16 Apr 2025 17:05
 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: Apr 16 17:29:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 17:29:00 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)	11.886	3636748	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.330	2736436	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.230	2758721	20.000 ug/ml
2) T n-Decane (C10)	4.491	2778902	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.203	3050394	20.000 ug/ml
4) T n-Dodecane (C12)	6.671	2823242	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.306	3039727	20.000 ug/ml
6) T n-Tetradecane (C14)	8.508	2823165	20.000 ug/ml
7) T n-Hexadecane (C16)	10.121	2892742	20.000 ug/ml
8) T n-Octadecane (C18)	11.571	2944162	20.000 ug/ml
10) T n-Eicosane (C20)	12.885	2937897	20.000 ug/ml
11) T n-Heneicosane (C21)	13.499	2924442	20.000 ug/ml
13) T n-Docosane (C22)	14.087	2909579	20.000 ug/ml
14) T n-Tetracosane (C24)	15.194	2886306	20.000 ug/ml
15) T n-Hexacosane (C26)	16.218	2838759	20.000 ug/ml
16) T n-Octacosane (C28)	17.170	2789638	20.000 ug/ml
17) T n-Tricontane (C30)	18.060	2782832	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.893	2748709	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.680	2624272	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.422	2526868	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.158	2442302	20.000 ug/ml
22) T n-Tetracontane (C40)	22.073	2387252	20.000 ug/ml

(f)=RT Delta > 1/2 Window

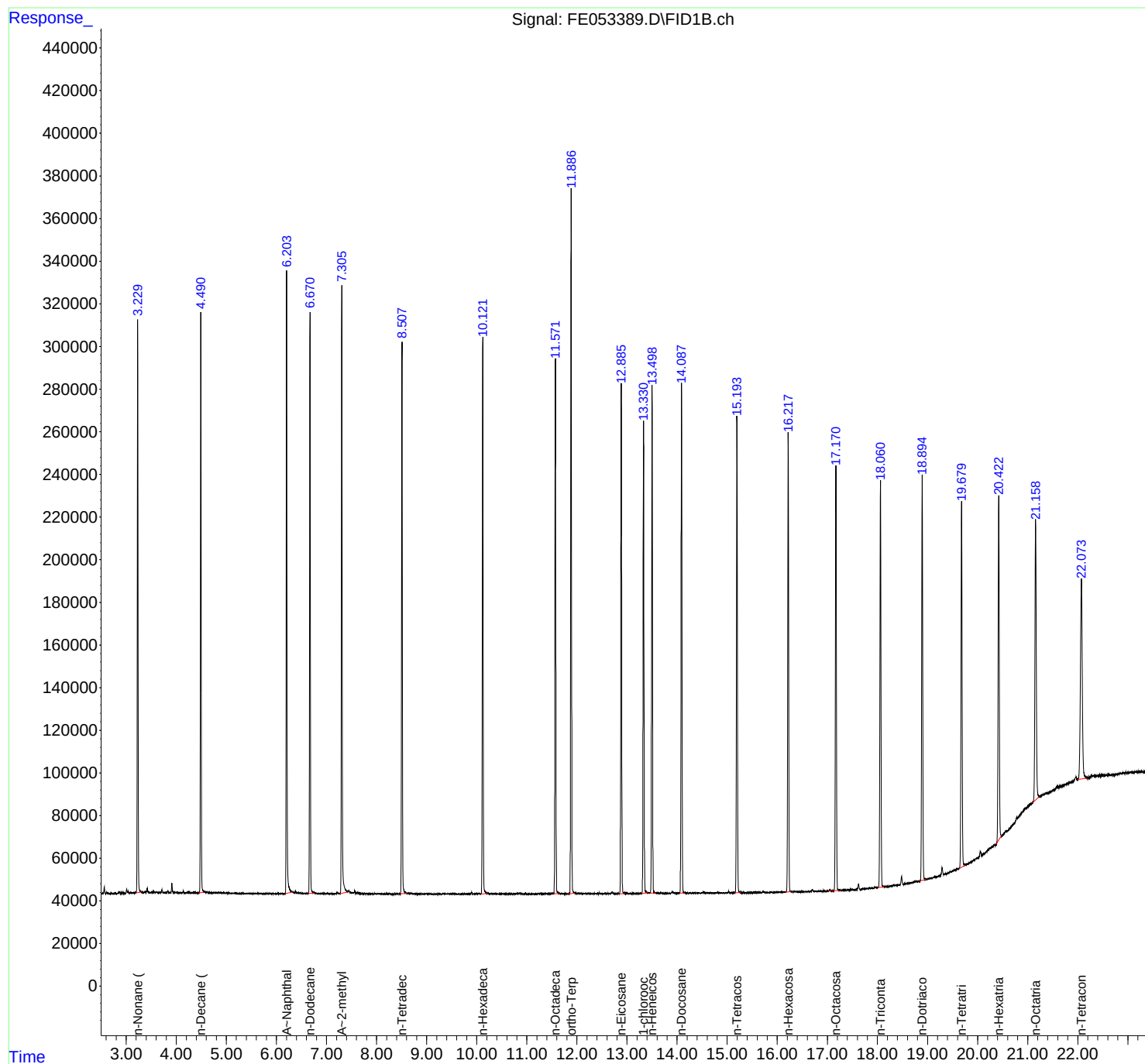
(m)=manual int.

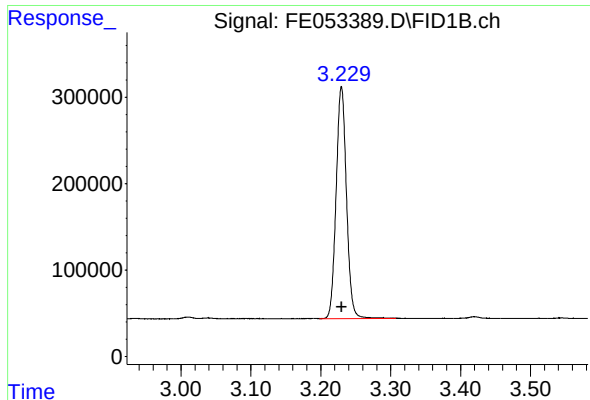
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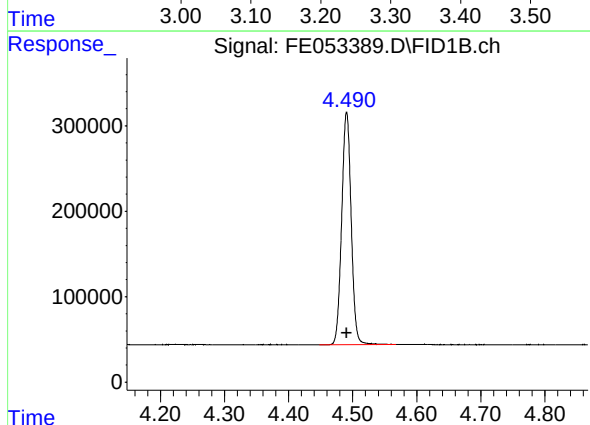




#1 n-Nonane (C9)

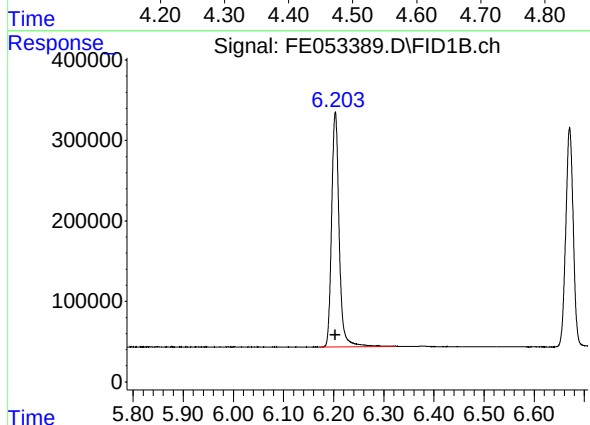
R.T.: 3.230 min
Delta R.T.: 0.000 min
Response: 2758721
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



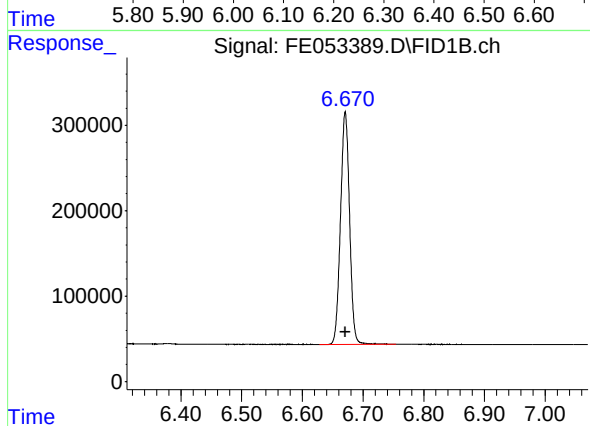
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 2778902
Conc: 20.00 ug/ml



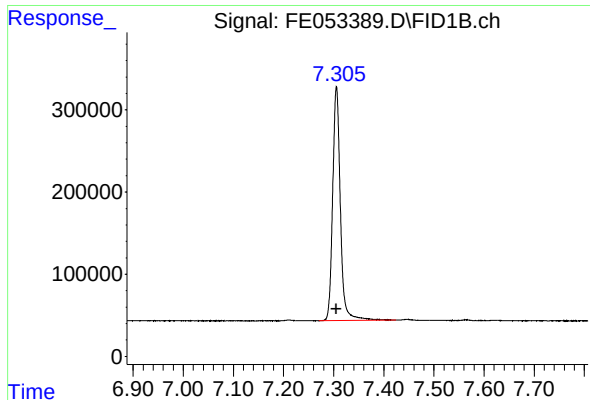
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 3050394
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

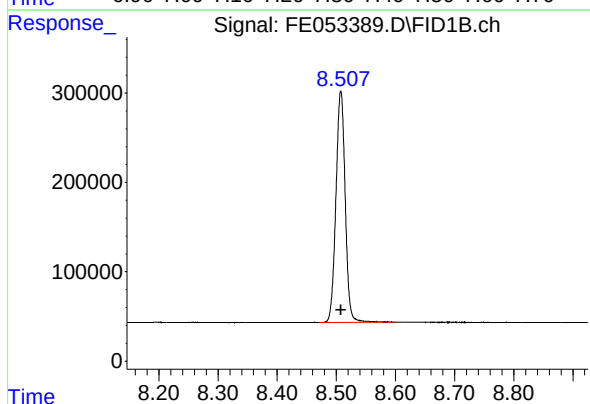
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 2823242
Conc: 20.00 ug/ml



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

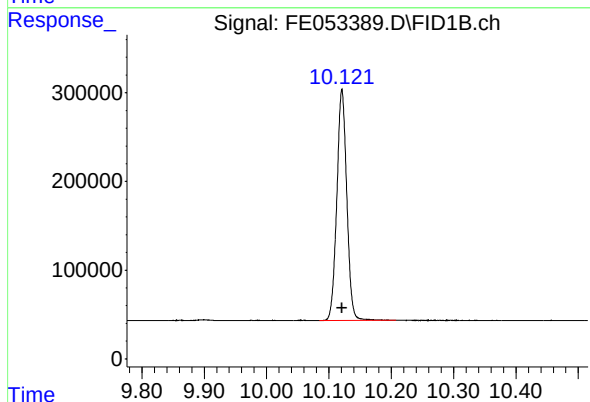
R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 3039727
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



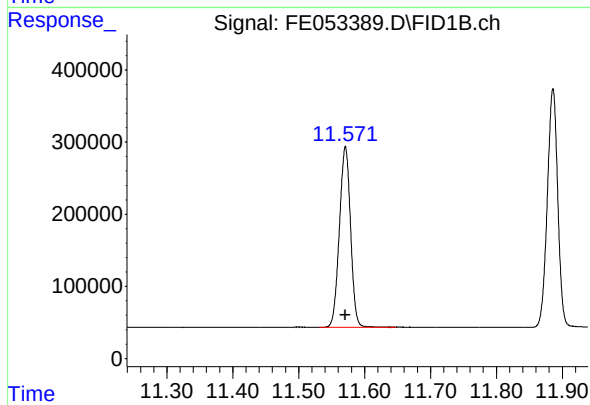
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: 0.000 min
Response: 2823165
Conc: 20.00 ug/ml



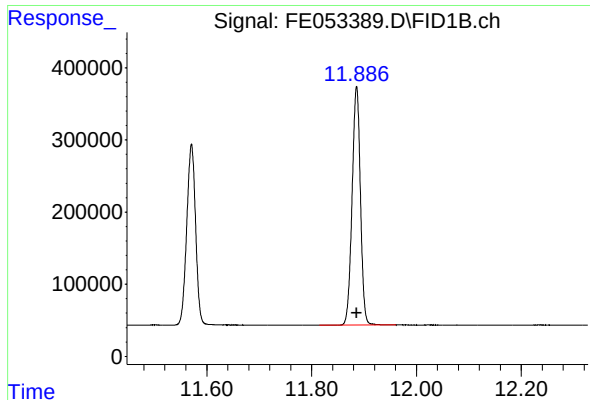
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: 0.000 min
Response: 2892742
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

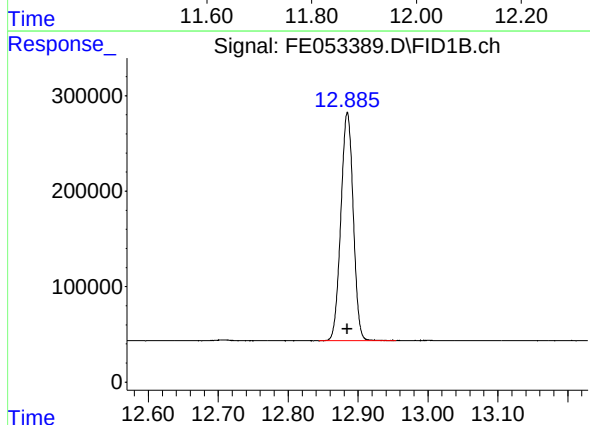
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 2944162
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

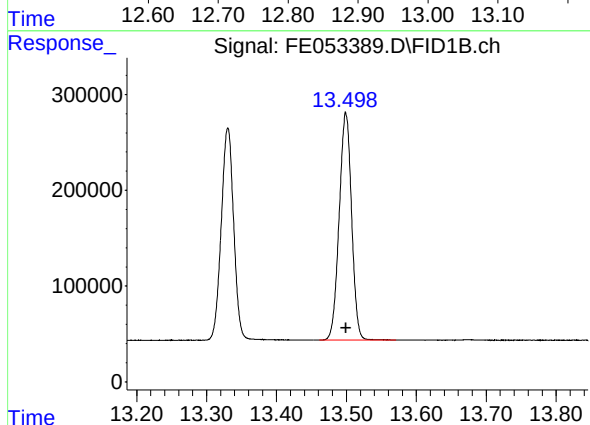
R.T.: 11.886 min
Delta R.T.: 0.000 min
Response: 3636748
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



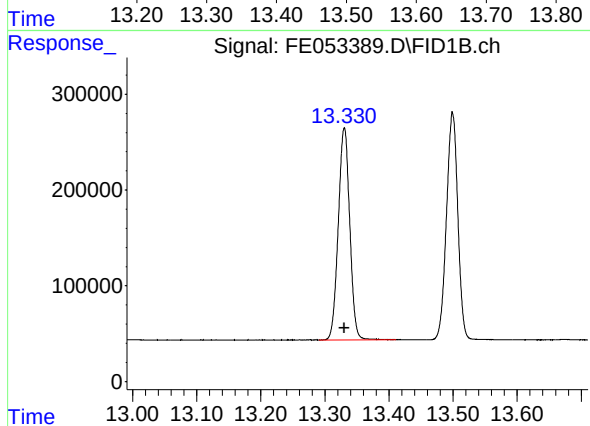
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 2937897
Conc: 20.00 ug/ml



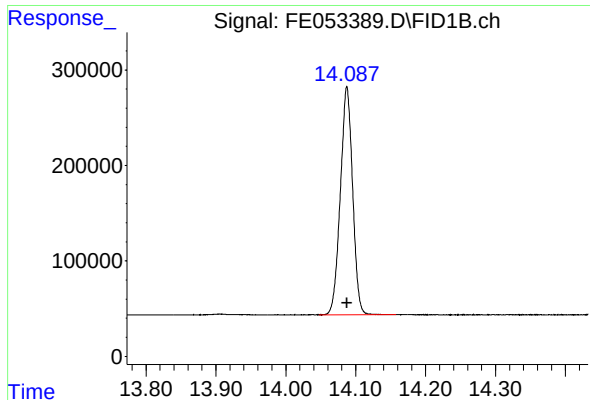
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: 0.000 min
Response: 2924442
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

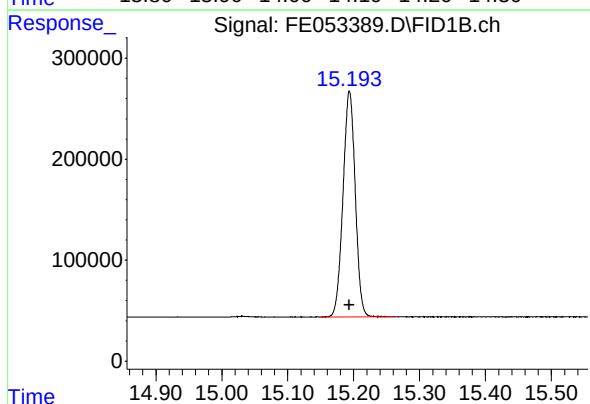
R.T.: 13.330 min
Delta R.T.: 0.000 min
Response: 2736436
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

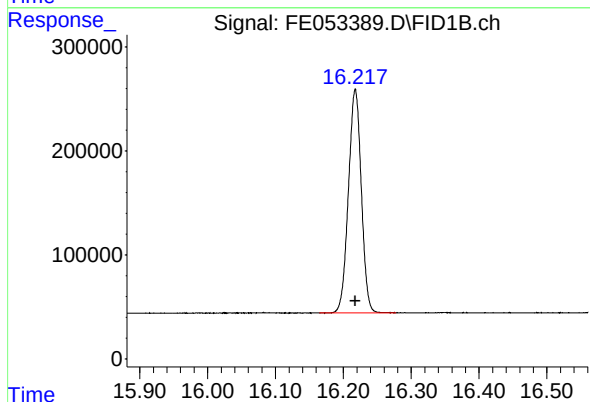
R.T.: 14.087 min
Delta R.T.: 0.000 min
Response: 2909579
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



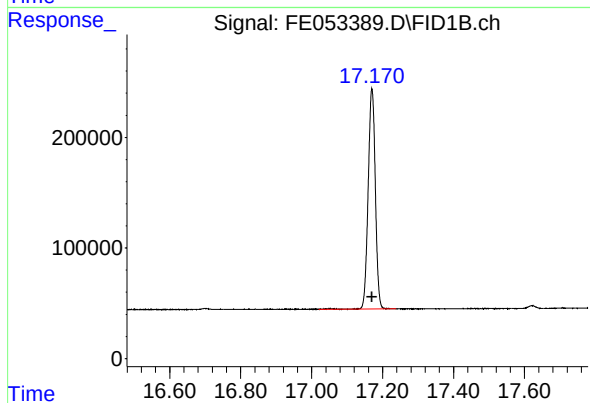
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: 0.000 min
Response: 2886306
Conc: 20.00 ug/ml



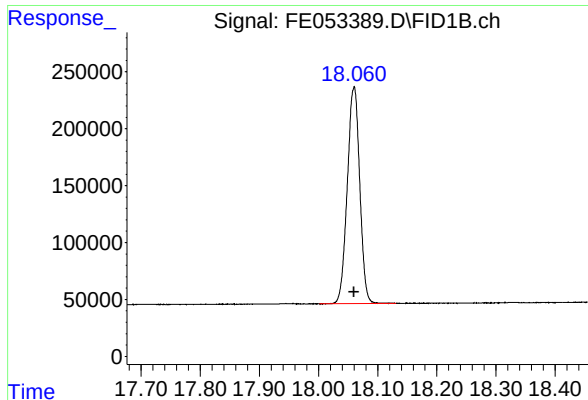
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: 0.000 min
Response: 2838759
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

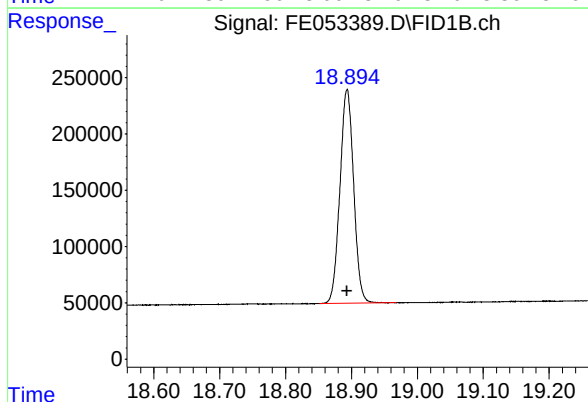
R.T.: 17.170 min
Delta R.T.: 0.000 min
Response: 2789638
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

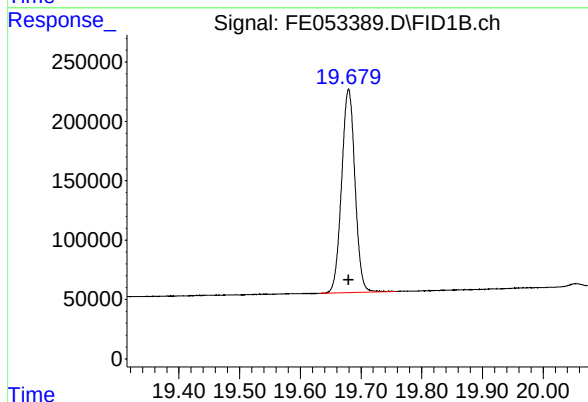
R.T.: 18.060 min
Delta R.T.: 0.000 min
Response: 2782832
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD3



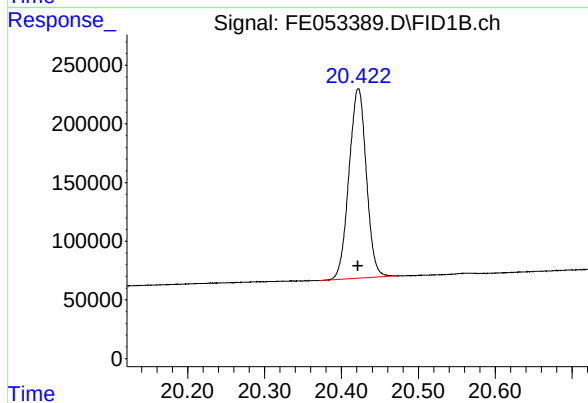
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: 0.000 min
Response: 2748709
Conc: 20.00 ug/ml



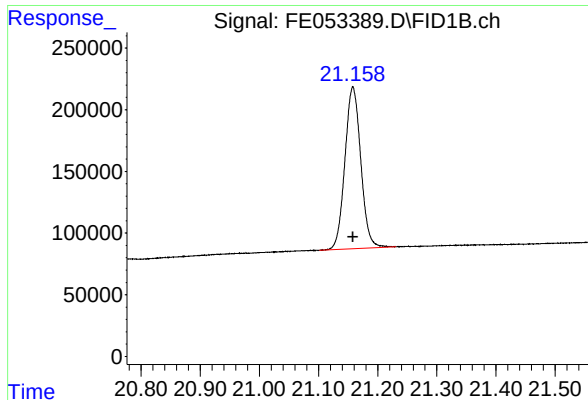
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: 0.000 min
Response: 2624272
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

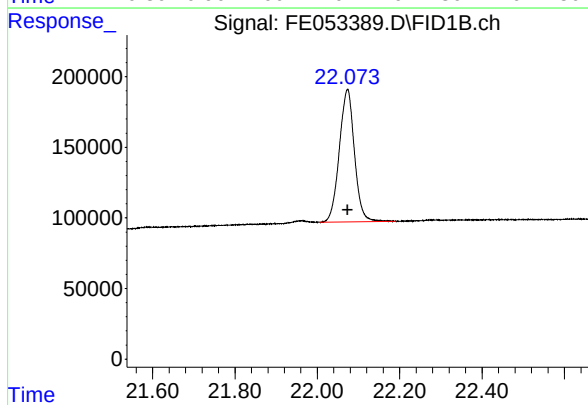
R.T.: 20.422 min
Delta R.T.: 0.000 min
Response: 2526868
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: 0.000 min
Response: 2442302
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: 0.000 min
Response: 2387252
Conc: 20.00 ug/ml