

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050724AL\
 Data File : FC066353.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 15:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 08 17:03:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 2024
 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)	11.562	2835969	17.153 ug/ml
Spiked Amount 50.000		Recovery =	34.31%
12) S 1-chlorooctadecane (S...	13.001	2099730	17.118 ug/ml
Spiked Amount 50.000		Recovery =	34.24%
Target Compounds			
1) T n-Nonane (C9)	3.318	2500532	16.557 ug/ml
2) T n-Decane (C10)	4.387	2560943	16.653 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2857704	16.820 ug/ml
4) T n-Dodecane (C12)	6.407	2568002	16.710 ug/ml
5) T A~2-methylnaphthalene...	7.026	2767326	16.791 ug/ml
6) T n-Tetradecane (C14)	8.203	2528456	16.707 ug/ml
7) T n-Hexadecane (C16)	9.805	2598841	16.996 ug/ml
8) T n-Octadecane (C18)	11.248	2604702	17.160 ug/ml
10) T n-Eicosane (C20)	12.557	2486426	17.284 ug/ml
11) T n-Heneicosane (C21)	13.170	2432214	17.303 ug/ml
13) T n-Docosane (C22)	13.757	2431495	17.367 ug/ml
14) T n-Tetracosane (C24)	14.860	2413988	17.147 ug/ml
15) T n-Hexacosane (C26)	15.881	2360847	17.260 ug/ml
16) T n-Octacosane (C28)	16.831	2324425	17.357 ug/ml
17) T n-Tricontane (C30)	17.720	2379405	17.656 ug/ml
18) T n-Dotriacontane (C32)	18.552	2345016	18.213 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2304771	19.480 ug/ml
20) T n-Hexatriacontane (C36)	20.077	2383304	20.734 ug/ml
21) T n-Octatriacontane (C38)	20.813	2499622	23.223 ug/ml
22) T n-Tetracontane (C40)	21.725	2562960	23.901 ug/ml

(f)=RT Delta > 1/2 Window

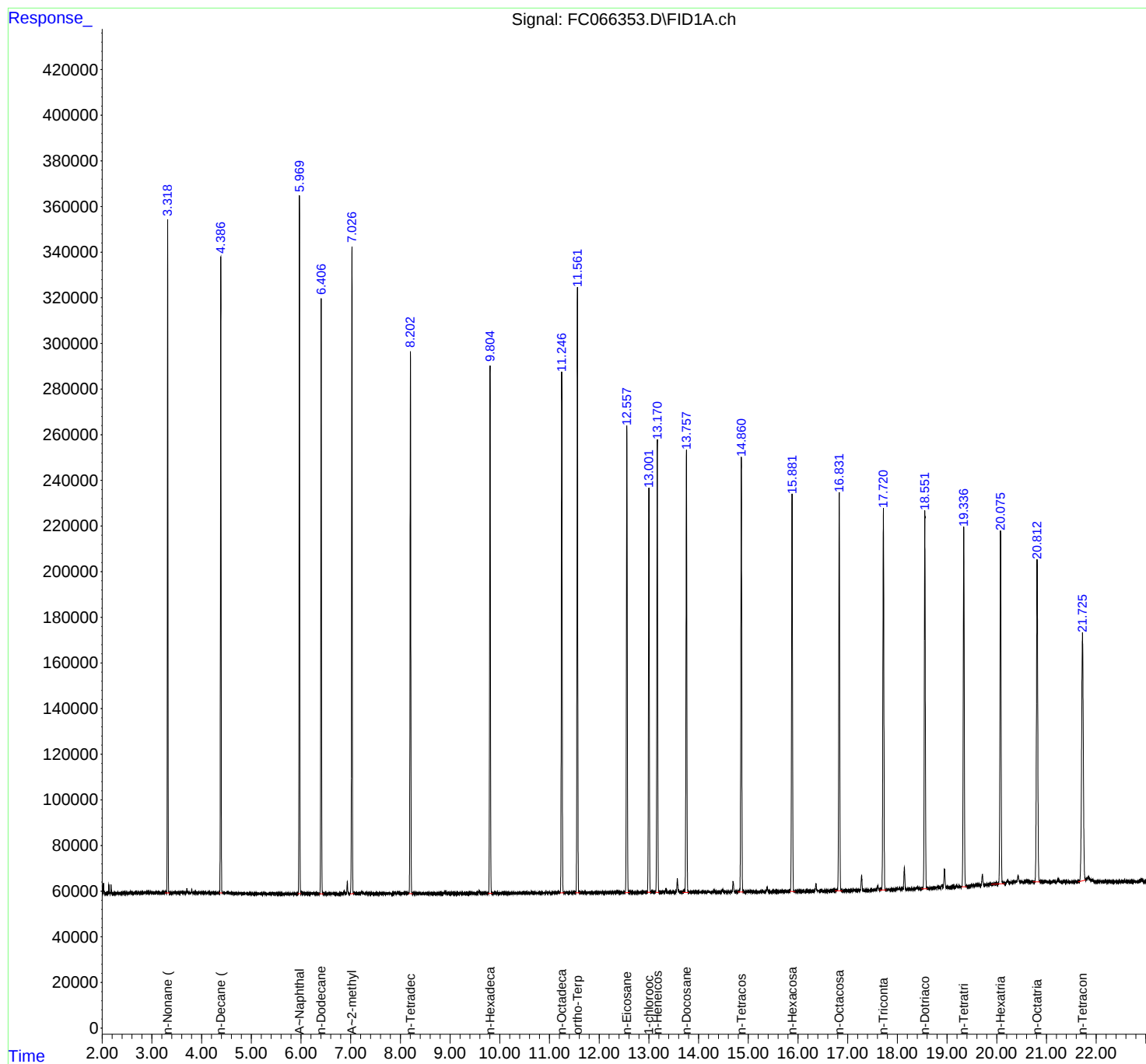
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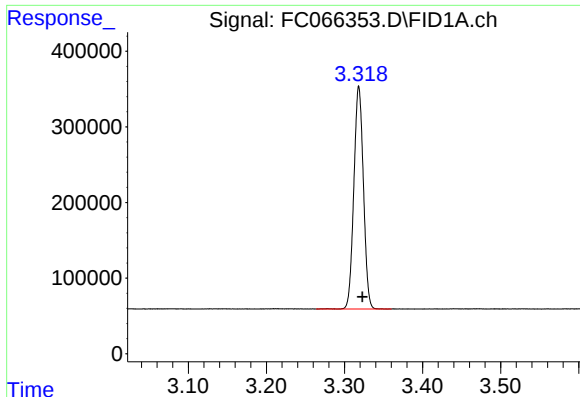
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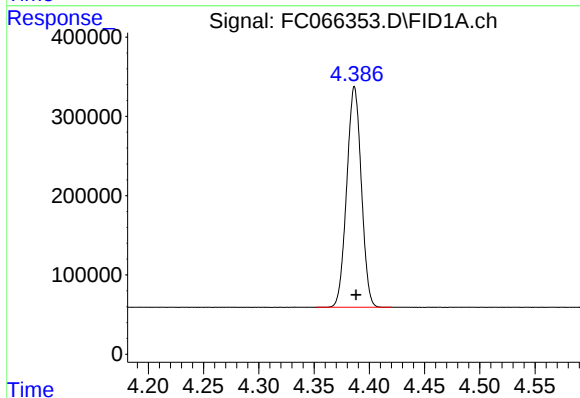




#1 n-Nonane (C9)

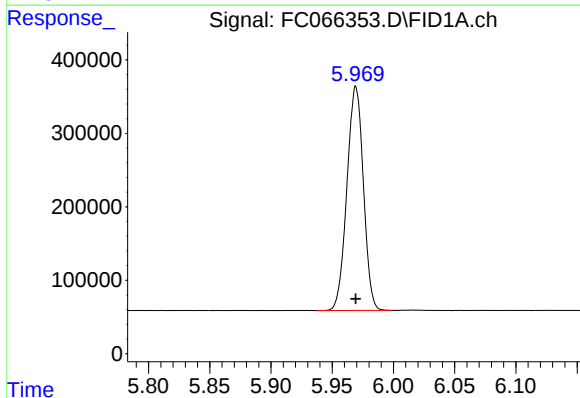
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 2500532
Conc: 16.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



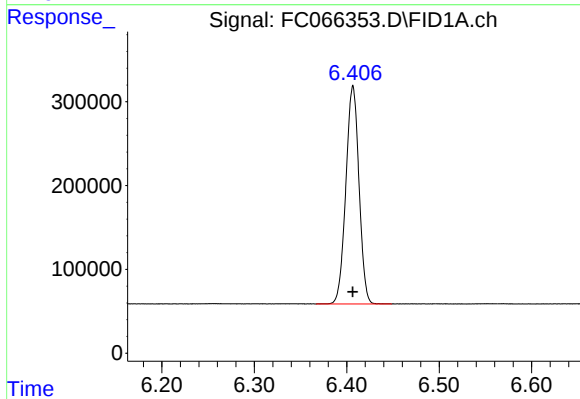
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.001 min
Response: 2560943
Conc: 16.65 ug/ml



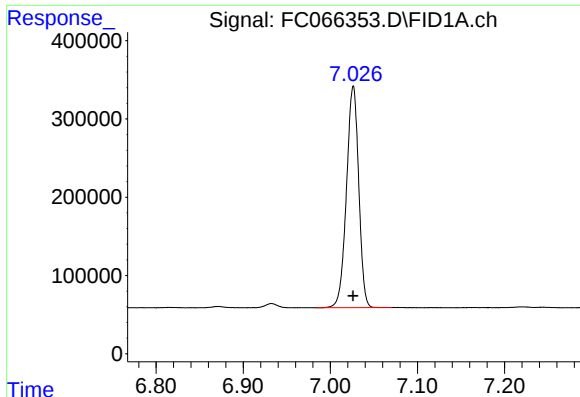
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 2857704
Conc: 16.82 ug/ml



#4 n-Dodecane (C12)

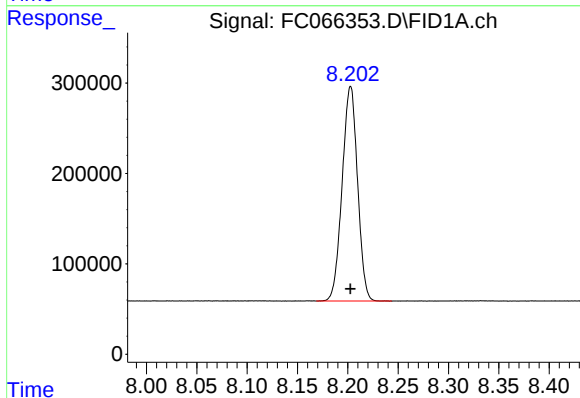
R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2568002
Conc: 16.71 ug/ml



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

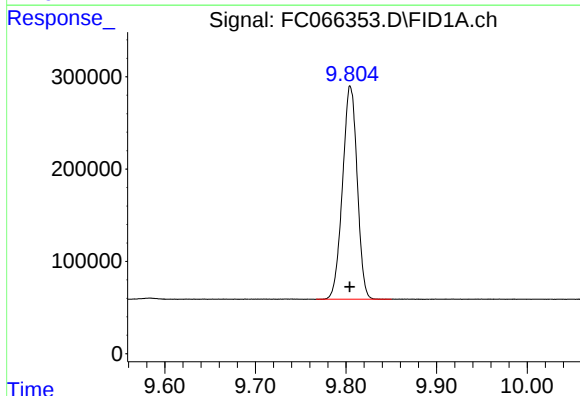
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2767326
Conc: 16.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



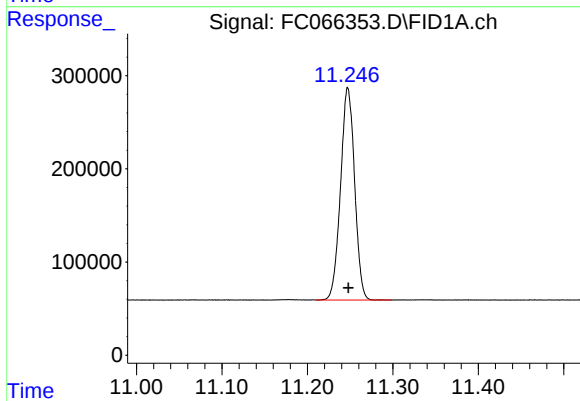
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 2528456
Conc: 16.71 ug/ml



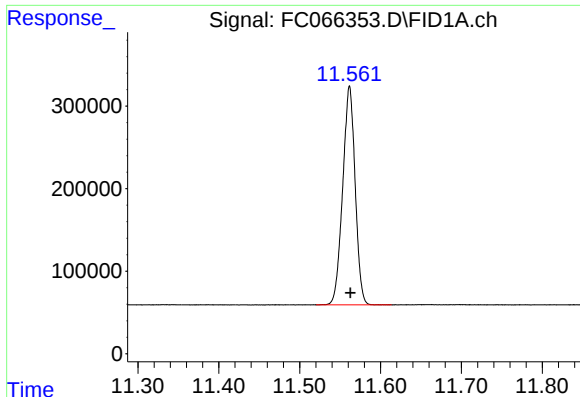
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: 0.000 min
Response: 2598841
Conc: 17.00 ug/ml



#8 n-Octadecane (C18)

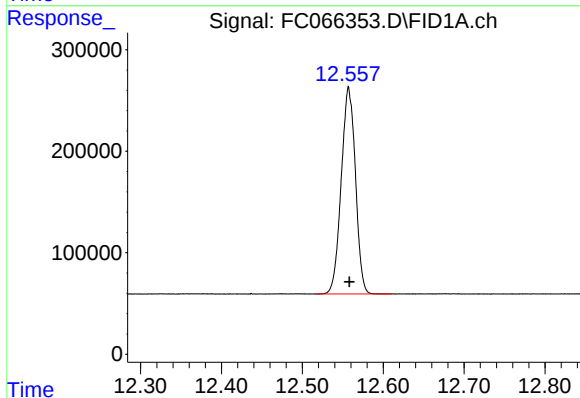
R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 2604702
Conc: 17.16 ug/ml



#9 ortho-Terphenyl (SURR)

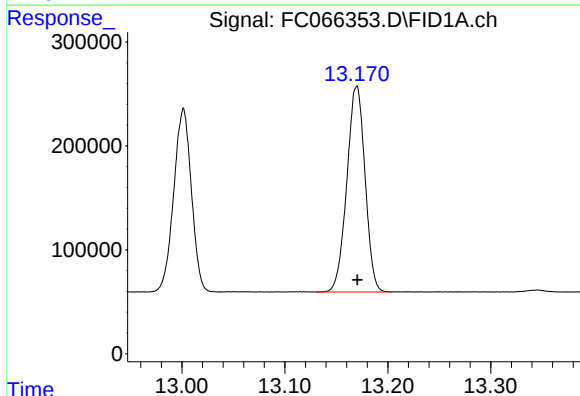
R.T.: 11.562 min
Delta R.T.: -0.001 min
Response: 2835969
Conc: 17.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



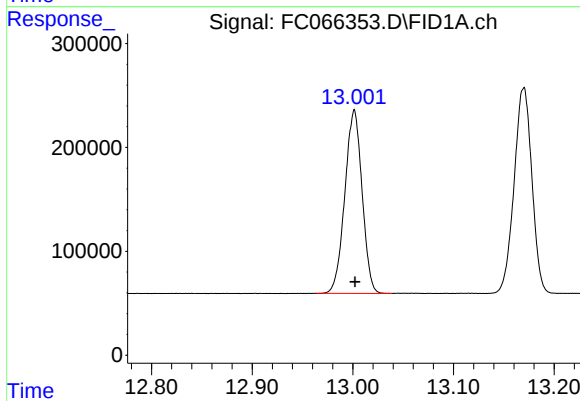
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 2486426
Conc: 17.28 ug/ml



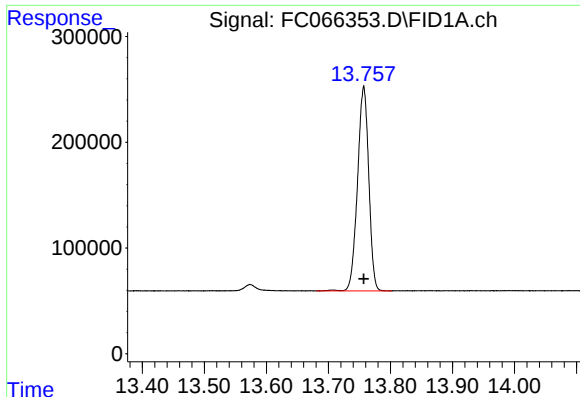
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 2432214
Conc: 17.30 ug/ml



#12 1-chlorooctadecane (SURR)

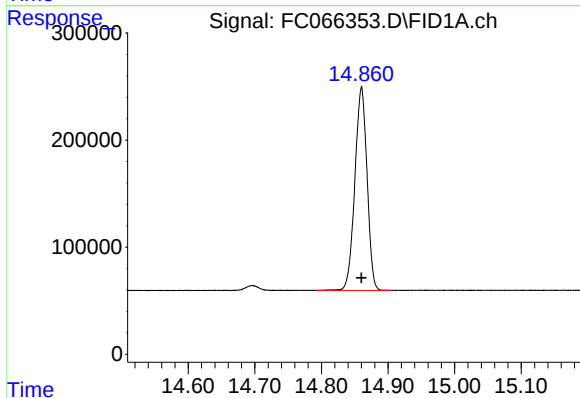
R.T.: 13.001 min
Delta R.T.: 0.000 min
Response: 2099730
Conc: 17.12 ug/ml



#13 n-Docosane (C22)

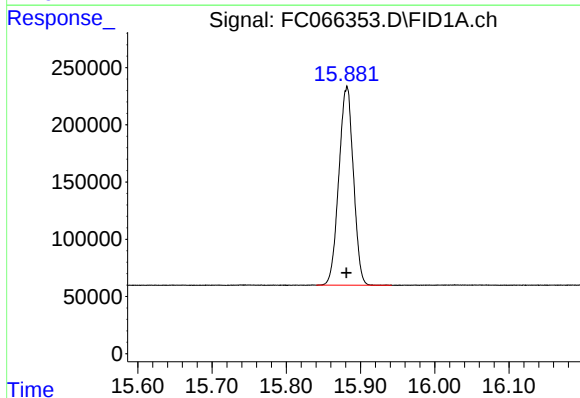
R.T.: 13.757 min
Delta R.T.: 0.000 min
Response: 2431495
Conc: 17.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



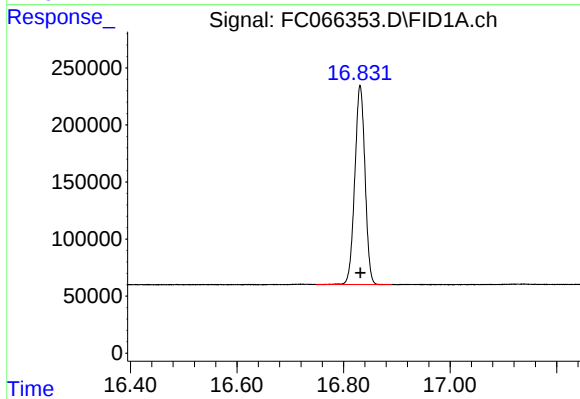
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2413988
Conc: 17.15 ug/ml



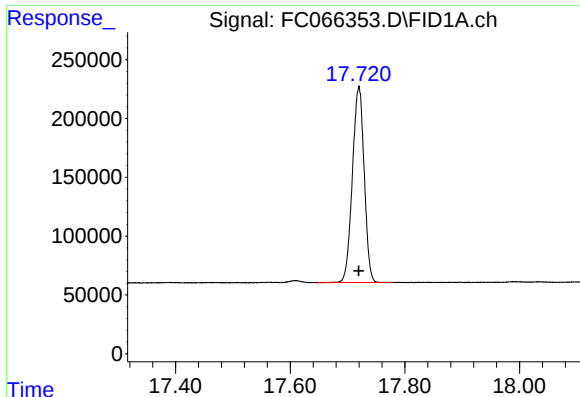
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2360847
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

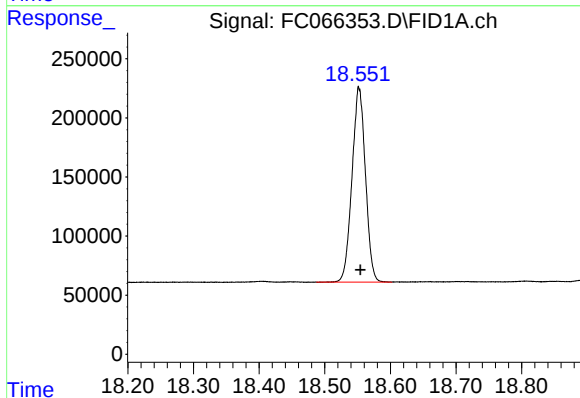
R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 2324425
Conc: 17.36 ug/ml



#17 n-Tricontane (C30)

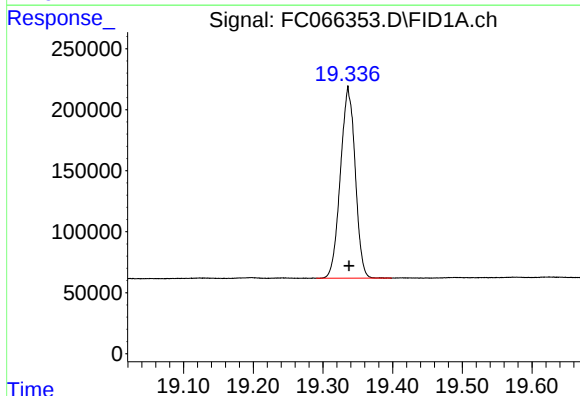
R.T.: 17.720 min
Delta R.T.: 0.000 min
Response: 2379405
Conc: 17.66 ug/ml

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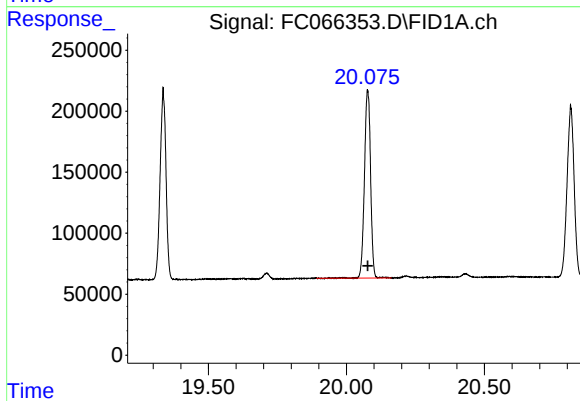
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.002 min
Response: 2345016
Conc: 18.21 ug/ml



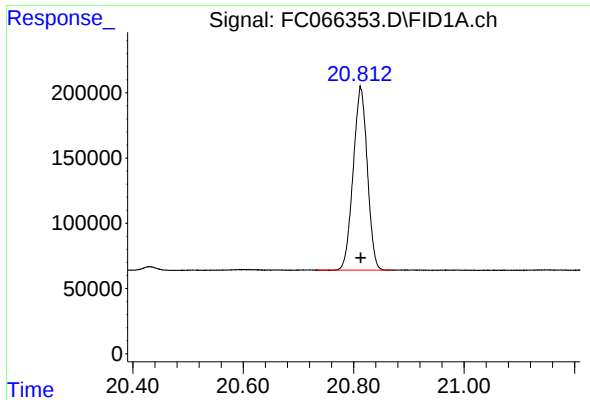
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.001 min
Response: 2304771
Conc: 19.48 ug/ml



#20 n-Hexatriacontane (C36)

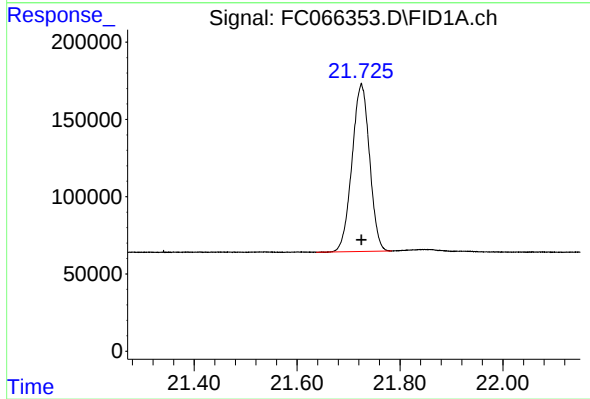
R.T.: 20.077 min
Delta R.T.: 0.000 min
Response: 2383304
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 2499622
Conc: 23.22 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: 0.000 min
Response: 2562960
Conc: 23.90 ug/ml