

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121422AL\
 Data File : FC062436.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2022 00:18
 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: Dec 15 03:07:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.572	2506518	17.769 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	13.012	1902731	17.852 ug/ml
Spiked Amount 50.000		Recovery =	35.70%
Target Compounds			
1) T n-Nonane (C9)	3.322	2248994	17.486 ug/ml
2) T n-Decane (C10)	4.391	2217063	17.822 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2540545	17.904 ug/ml
4) T n-Dodecane (C12)	6.415	2201944	17.579 ug/ml
5) T A~2-methylnaphthalene...	7.037	2384347	18.544 ug/ml
6) T n-Tetradecane (C14)	8.211	2241199	18.403 ug/ml
7) T n-Hexadecane (C16)	9.815	2280345	18.168 ug/ml
8) T n-Octadecane (C18)	11.257	2302689	18.025 ug/ml
10) T n-Eicosane (C20)	12.567	2233283	17.954 ug/ml
11) T n-Heneicosane (C21)	13.180	2220380	17.968 ug/ml
13) T n-Docosane (C22)	13.765	2224967	18.316 ug/ml
14) T n-Tetracosane (C24)	14.867	2252154	18.789 ug/ml
15) T n-Hexacosane (C26)	15.888	2200851	18.946 ug/ml
16) T n-Octacosane (C28)	16.836	2232155	19.640 ug/ml
17) T n-Tricontane (C30)	17.723	2313789	20.696 ug/ml
18) T n-Dotriacontane (C32)	18.553	2382911	21.445 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2248672	20.786 ug/ml
20) T n-Hexatriacontane (C36)	20.072	2049420	20.187 ug/ml
21) T n-Octatriacontane (C38)	20.807	2000891	19.557 ug/ml
22) T n-Tetracontane (C40)	21.720	2054653	20.273 ug/ml

(f)=RT Delta > 1/2 Window

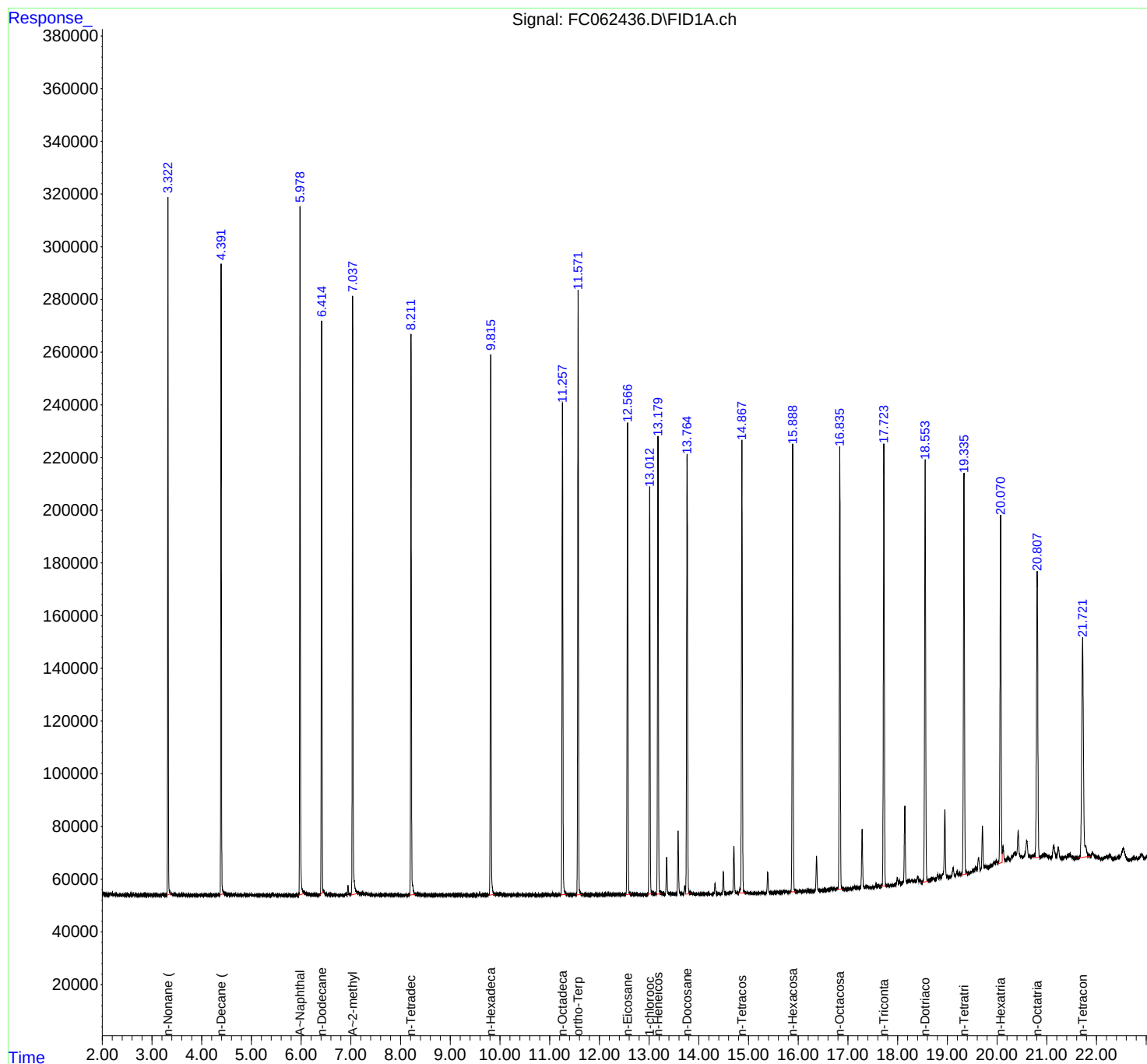
(m)=manual int.

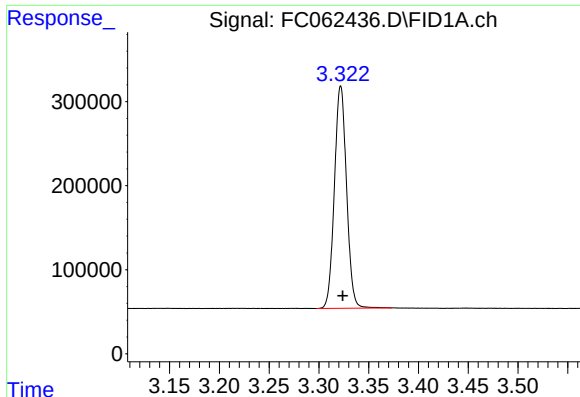
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121422AL\
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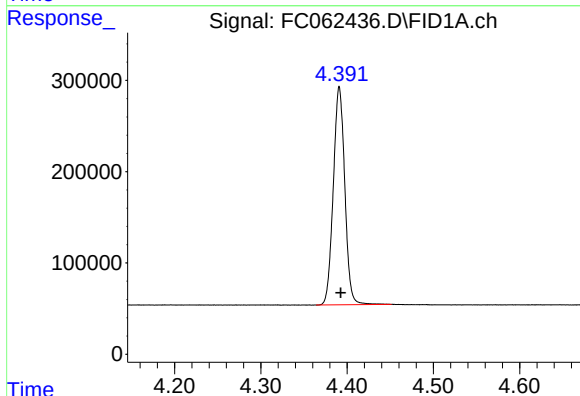




#1 n-Nonane (C9)

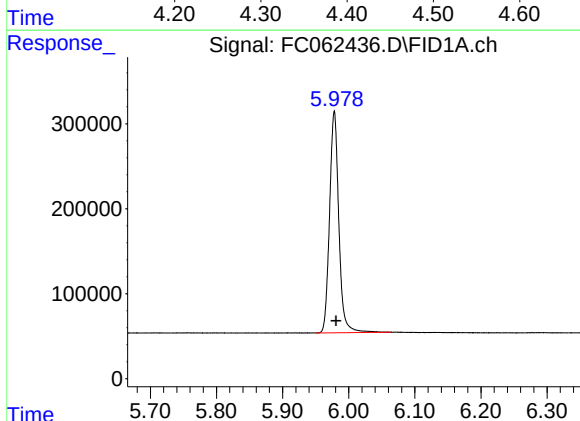
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 2248994
Conc: 17.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



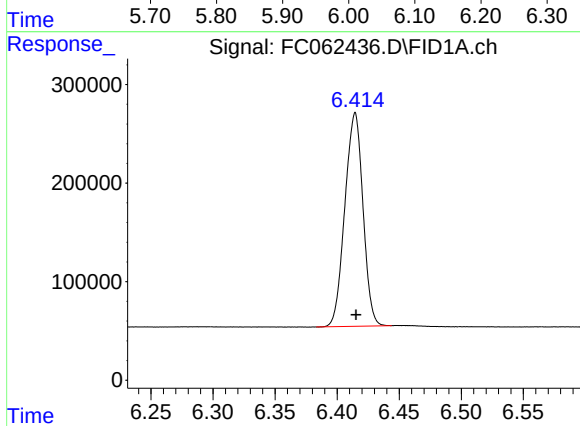
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 2217063
Conc: 17.82 ug/ml



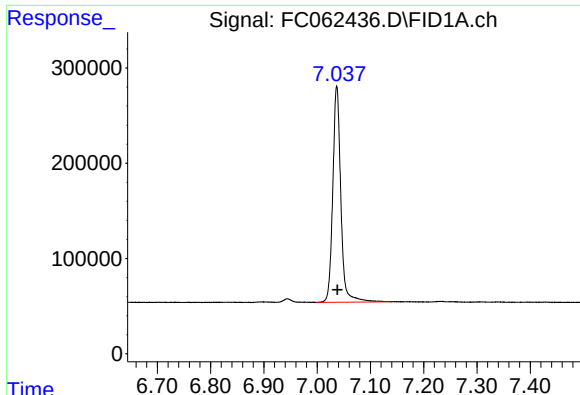
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2540545
Conc: 17.90 ug/ml



#4 n-Dodecane (C12)

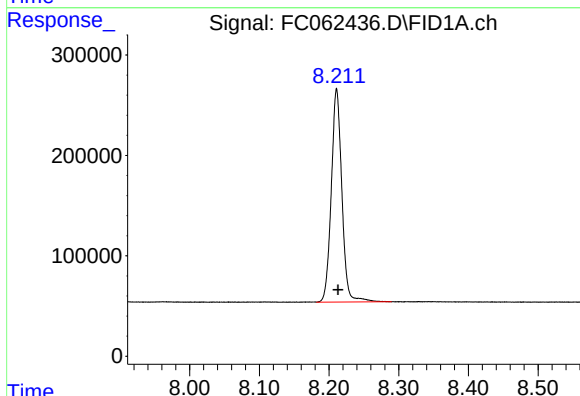
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2201944
Conc: 17.58 ug/ml



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

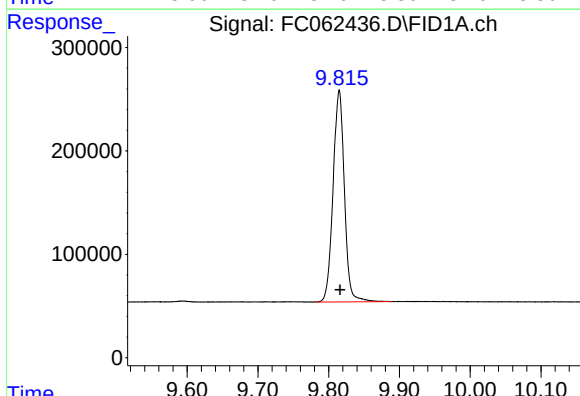
R.T.: 7.037 min
Delta R.T.: -0.001 min
Response: 2384347
Conc: 18.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



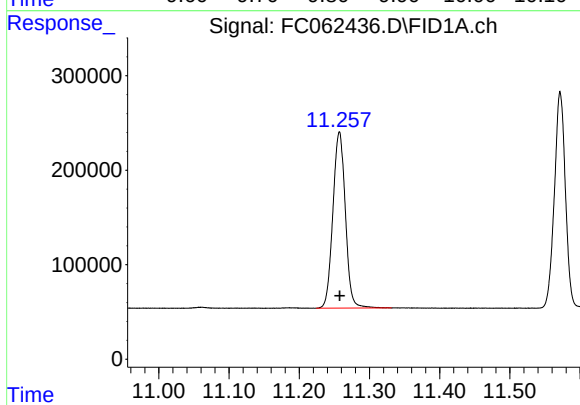
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 2241199
Conc: 18.40 ug/ml



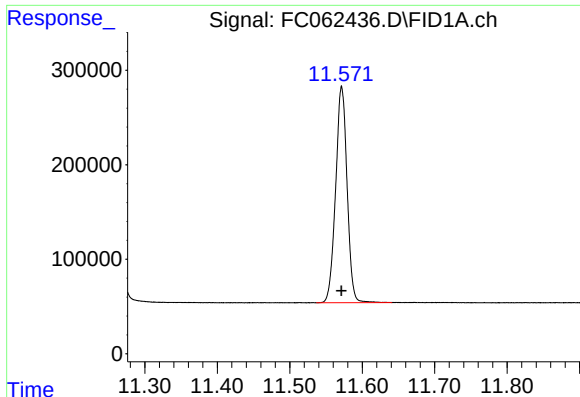
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: 0.000 min
Response: 2280345
Conc: 18.17 ug/ml



#8 n-Octadecane (C18)

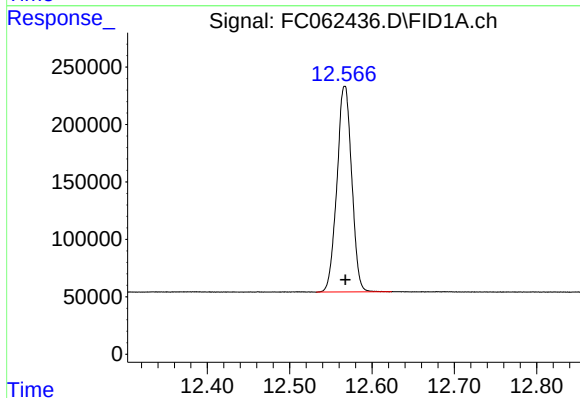
R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2302689
Conc: 18.02 ug/ml



#9 ortho-Terphenyl (SURR)

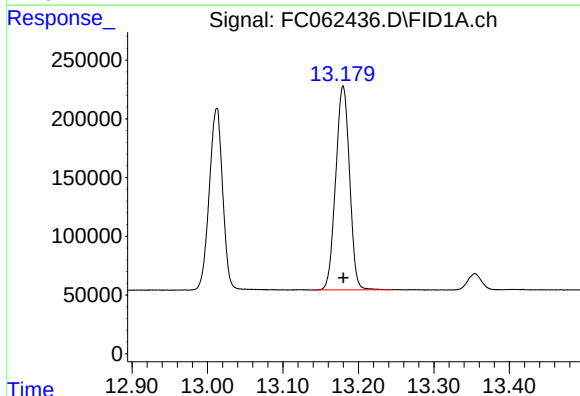
R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 2506518
Conc: 17.77 ug/ml

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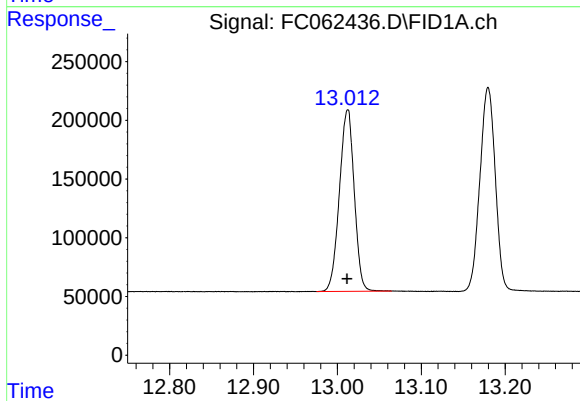
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 2233283
Conc: 17.95 ug/ml



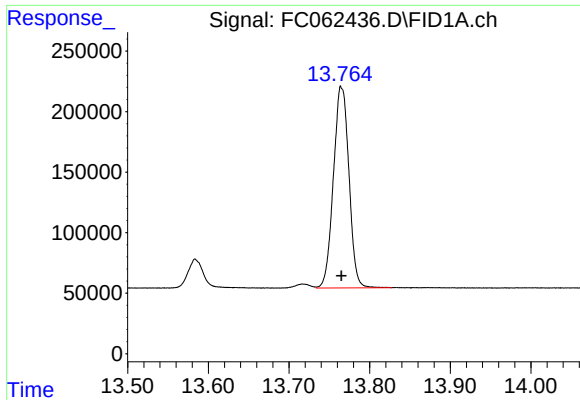
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 2220380
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

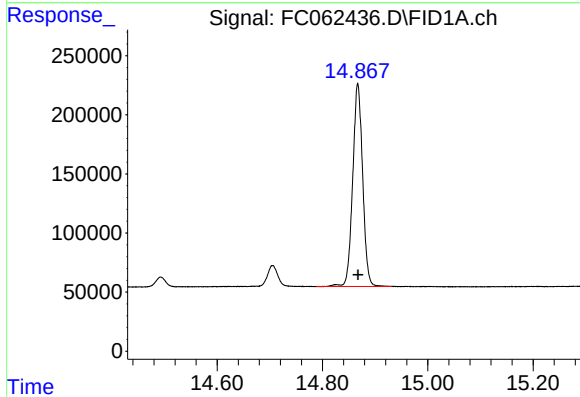
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 1902731
Conc: 17.85 ug/ml



#13 n-Docosane (C22)

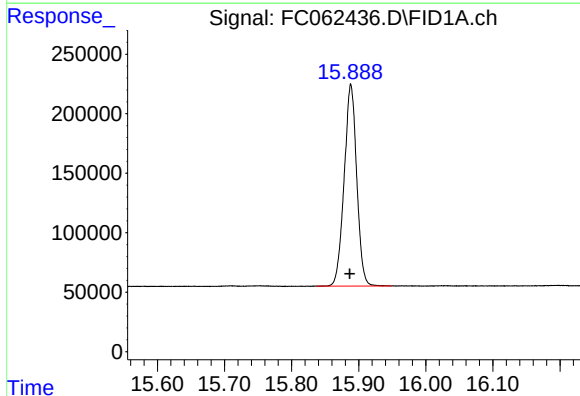
R.T.: 13.765 min
Delta R.T.: 0.000 min
Response: 2224967
Conc: 18.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



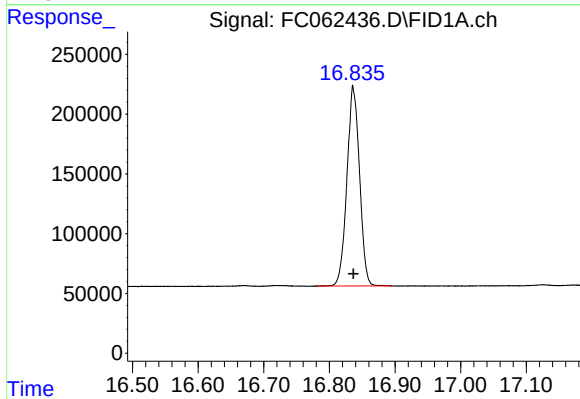
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 2252154
Conc: 18.79 ug/ml



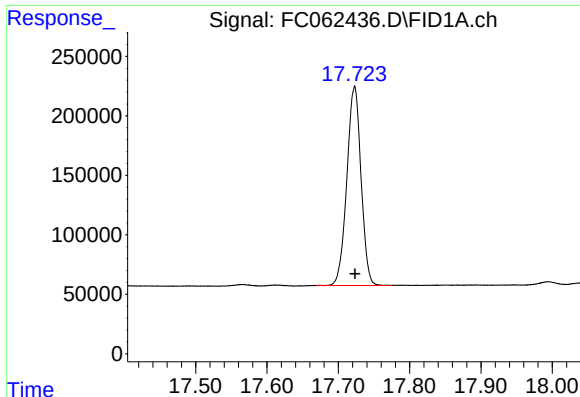
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.001 min
Response: 2200851
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

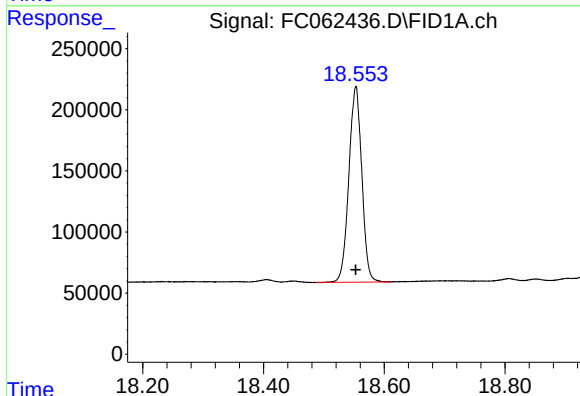
R.T.: 16.836 min
Delta R.T.: 0.000 min
Response: 2232155
Conc: 19.64 ug/ml



#17 n-Tricontane (C30)

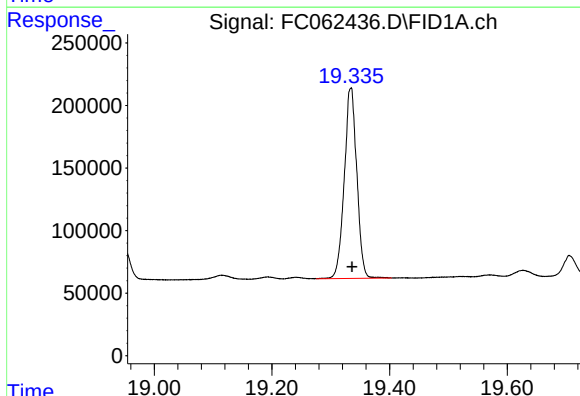
R.T.: 17.723 min
Delta R.T.: 0.000 min
Response: 2313789
Conc: 20.70 ug/ml

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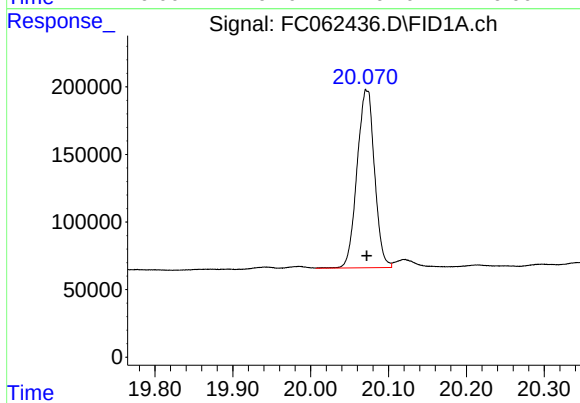
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 2382911
Conc: 21.44 ug/ml



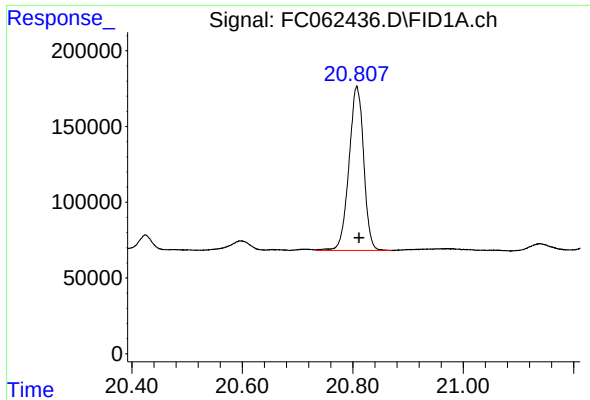
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.002 min
Response: 2248672
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

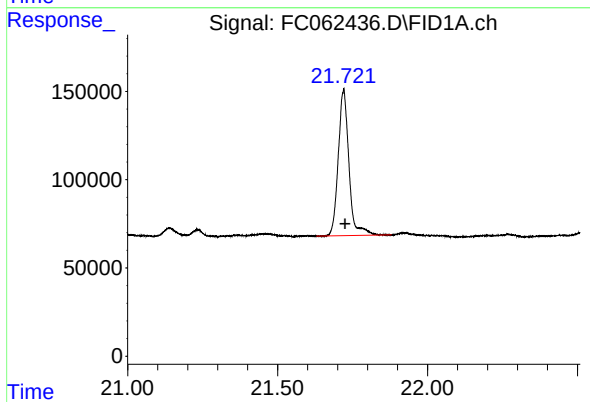
R.T.: 20.072 min
Delta R.T.: 0.000 min
Response: 2049420
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: -0.004 min
Response: 2000891
Conc: 19.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.005 min
Response: 2054653
Conc: 20.27 ug/ml