

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122022AL\
 Data File : FC062470.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2022 09:24
 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 20 18:06:18 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)	11.568	2473717	17.536 ug/ml
Spiked Amount 50.000		Recovery =	35.07%
12) S 1-chlorooctadecane (S...	13.006	1844299	17.304 ug/ml
Spiked Amount 50.000		Recovery =	34.61%
Target Compounds			
1) T n-Nonane (C9)	3.318	2209498	17.179 ug/ml
2) T n-Decane (C10)	4.387	2203598	17.714 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2513116	17.710 ug/ml
4) T n-Dodecane (C12)	6.411	2185216	17.446 ug/ml
5) T A~2-methylnaphthalene...	7.034	2352537	18.296 ug/ml
6) T n-Tetradecane (C14)	8.210	2221997	18.245 ug/ml
7) T n-Hexadecane (C16)	9.812	2257460	17.985 ug/ml
8) T n-Octadecane (C18)	11.254	2285919	17.893 ug/ml
10) T n-Eicosane (C20)	12.564	2196932	17.661 ug/ml
11) T n-Heneicosane (C21)	13.174	2160876	17.486 ug/ml
13) T n-Docosane (C22)	13.760	2213090	18.219 ug/ml
14) T n-Tetracosane (C24)	14.861	2285710	19.069 ug/ml
15) T n-Hexacosane (C26)	15.880	2309438	19.880 ug/ml
16) T n-Octacosane (C28)	16.830	2408225	21.189 ug/ml
17) T n-Tricontane (C30)	17.717	2522515	22.563 ug/ml
18) T n-Dotriacontane (C32)	18.547	2520597	22.684 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2244000	20.743 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1989878	19.600 ug/ml
21) T n-Octatriacontane (C38)	20.799	1886433	18.439 ug/ml
22) T n-Tetracontane (C40)	21.712	1874466	18.495 ug/ml

(f)=RT Delta > 1/2 Window

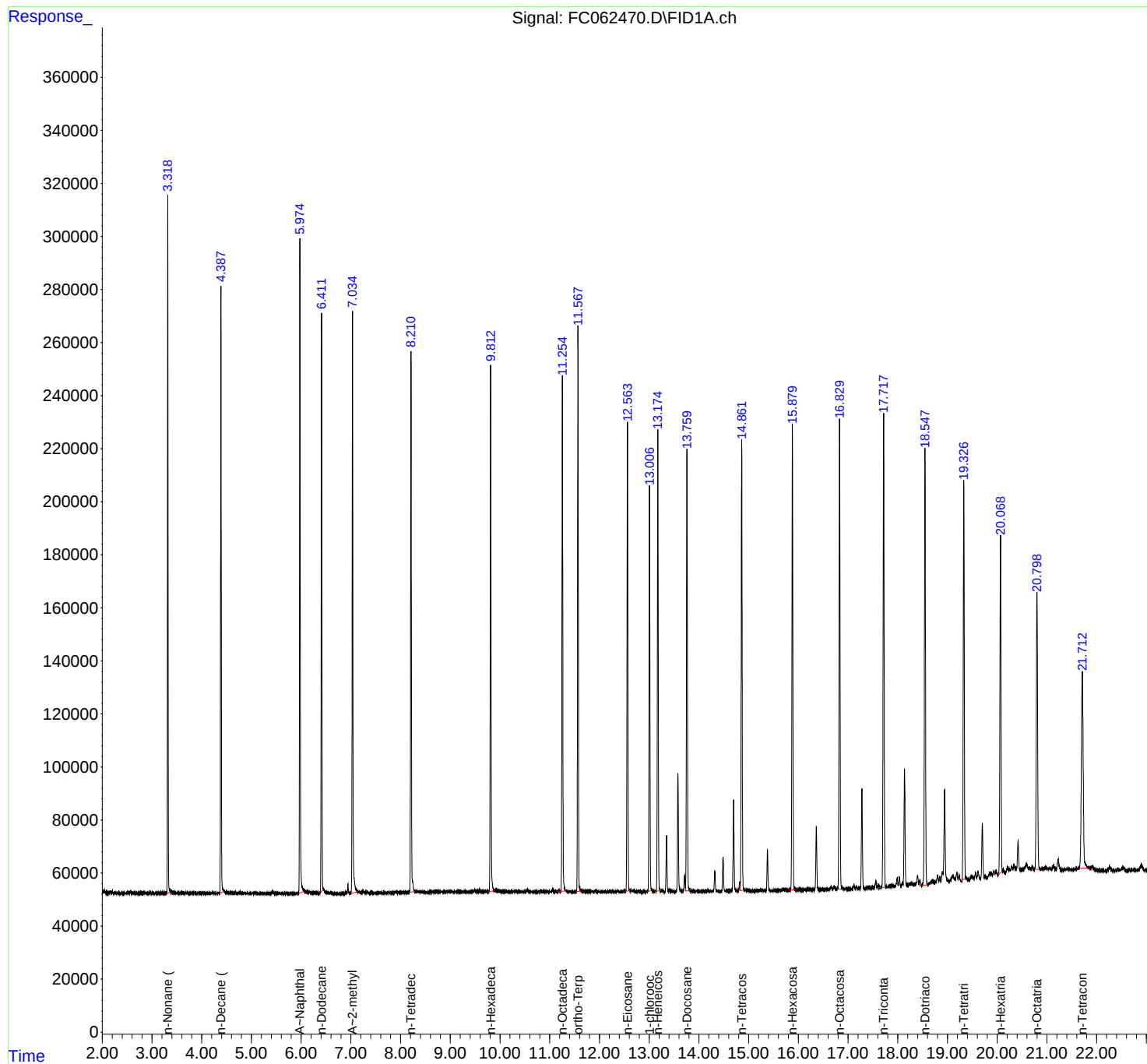
(m)=manual int.

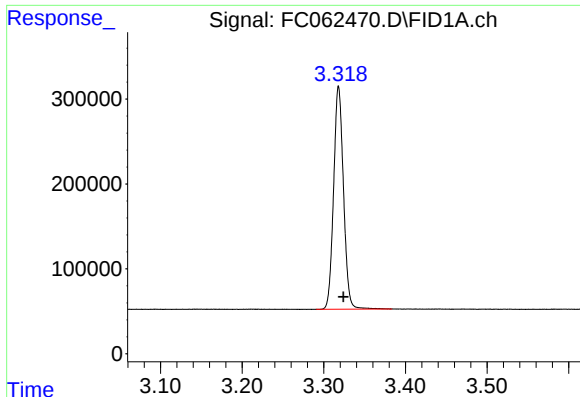
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122022AL\
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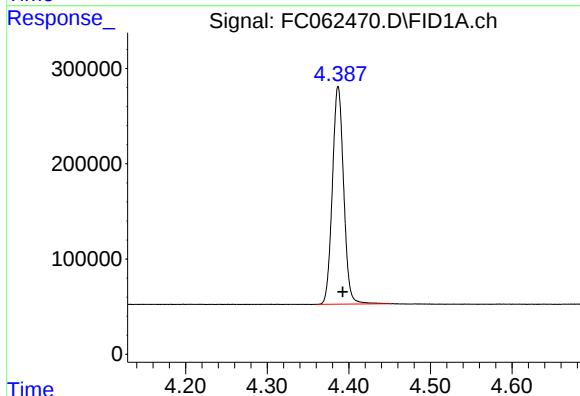




#1 n-Nonane (C9)

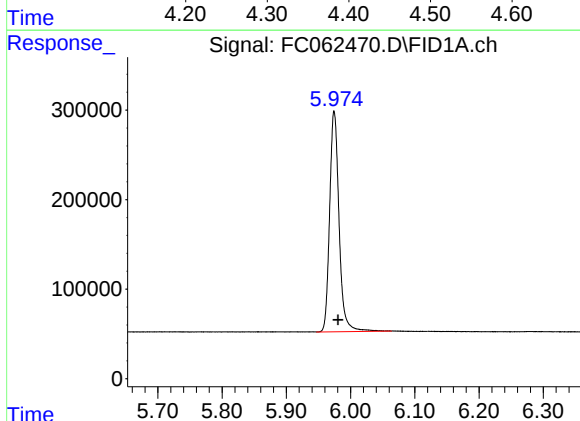
R.T.: 3.318 min
Delta R.T.: -0.006 min
Response: 2209498
Conc: 17.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



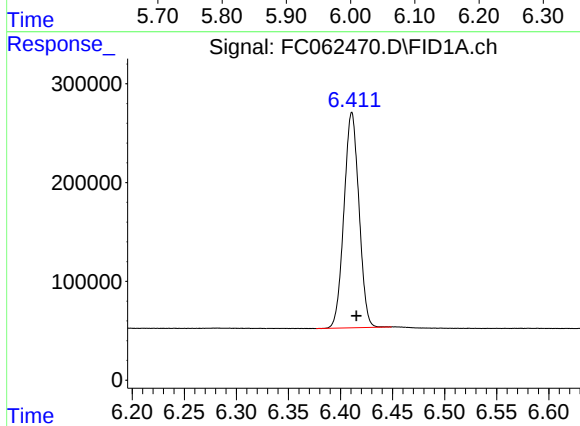
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.006 min
Response: 2203598
Conc: 17.71 ug/ml



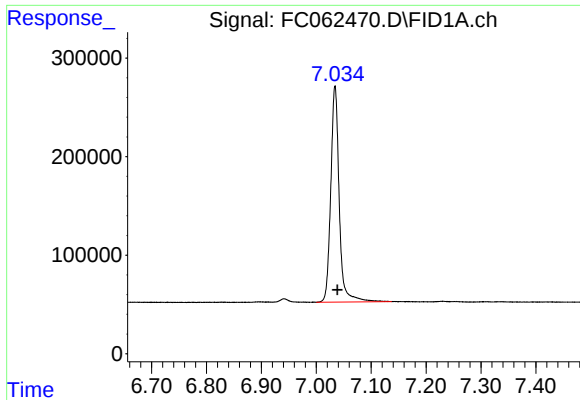
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 2513116
Conc: 17.71 ug/ml



#4 n-Dodecane (C12)

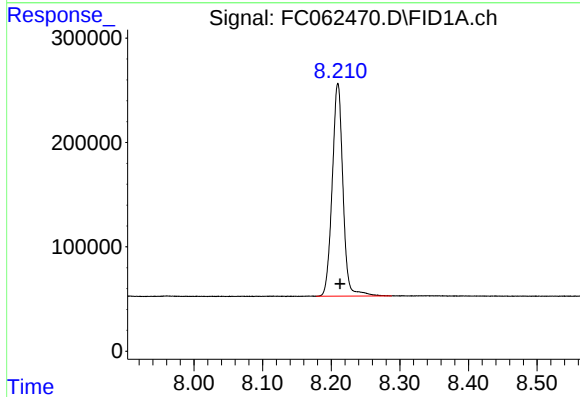
R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 2185216
Conc: 17.45 ug/ml



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

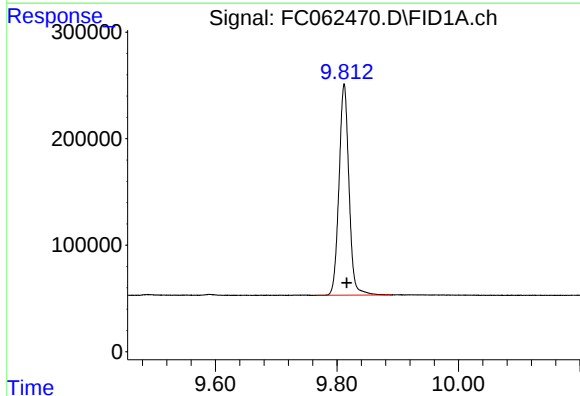
R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 2352537
Conc: 18.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



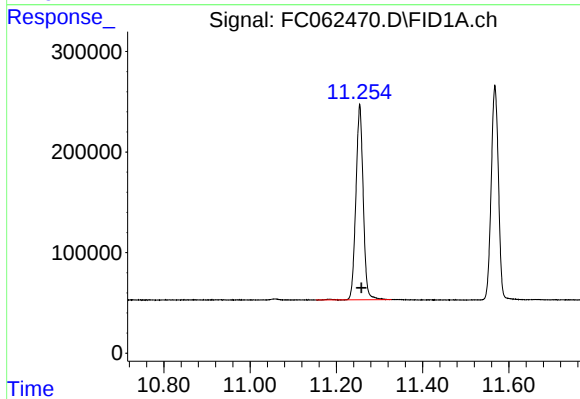
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 2221997
Conc: 18.25 ug/ml



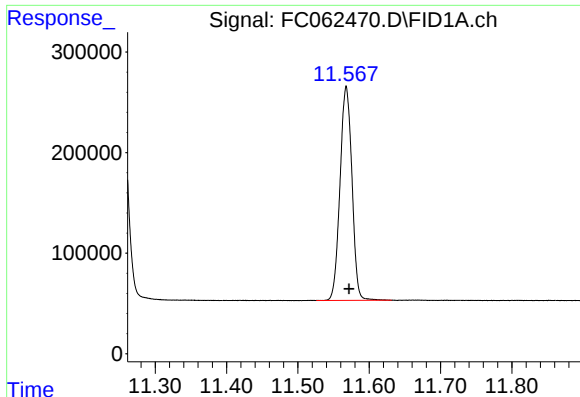
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.004 min
Response: 2257460
Conc: 17.99 ug/ml



#8 n-Octadecane (C18)

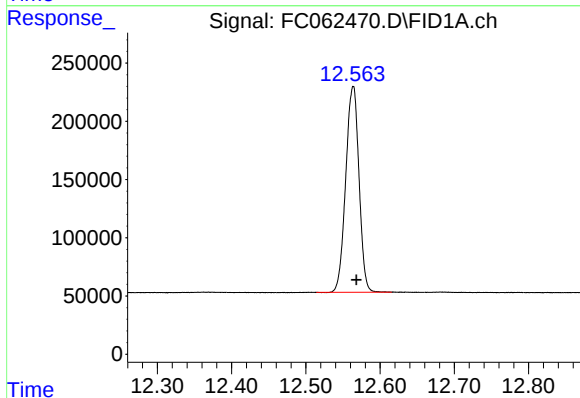
R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 2285919
Conc: 17.89 ug/ml



#9 ortho-Terphenyl (SURR)

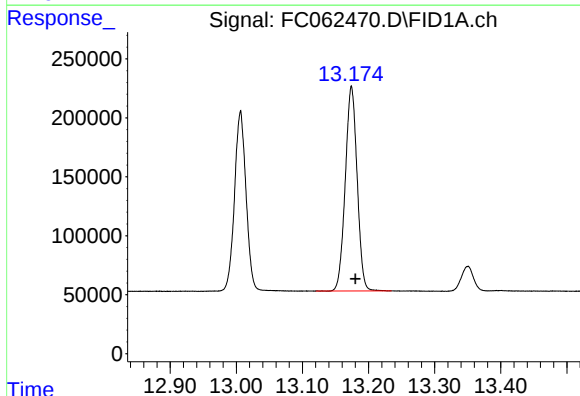
R.T.: 11.568 min
Delta R.T.: -0.004 min
Response: 2473717
Conc: 17.54 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



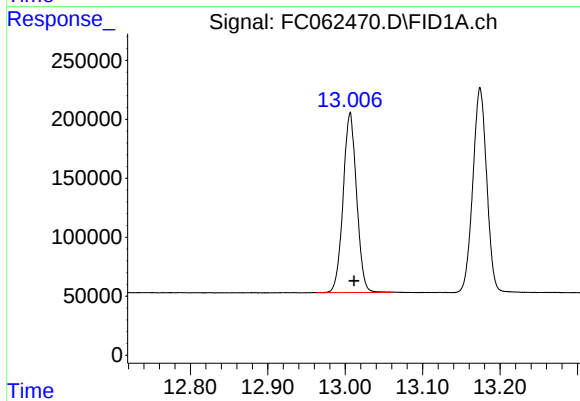
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: -0.004 min
Response: 2196932
Conc: 17.66 ug/ml



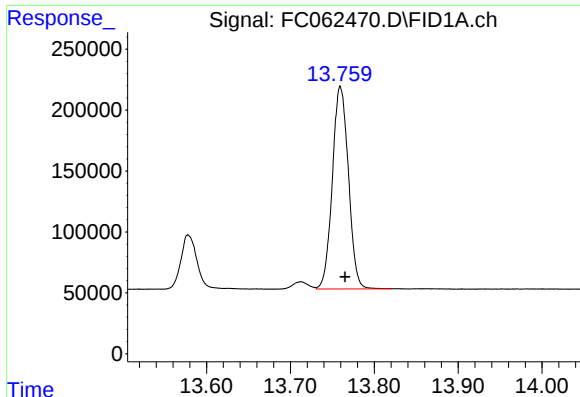
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.006 min
Response: 2160876
Conc: 17.49 ug/ml



#12 1-chlorooctadecane (SURR)

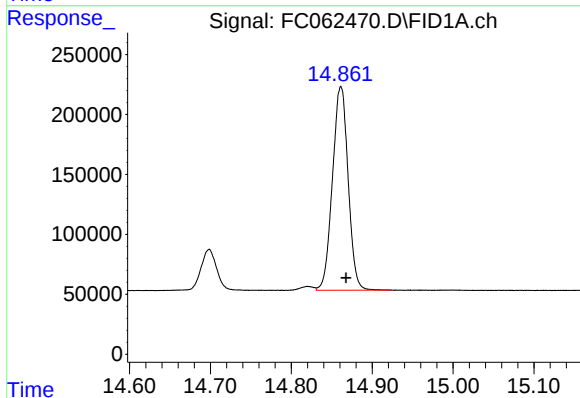
R.T.: 13.006 min
Delta R.T.: -0.005 min
Response: 1844299
Conc: 17.30 ug/ml



#13 n-Docosane (C22)

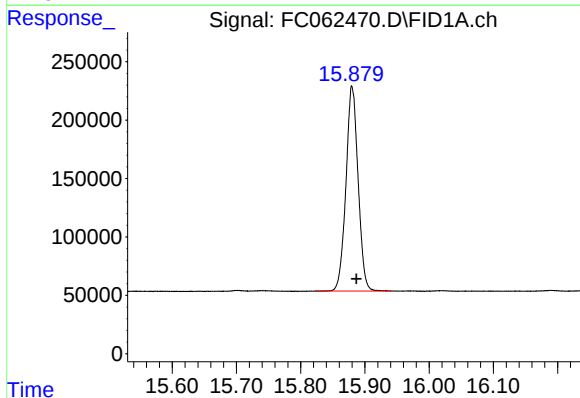
R.T.: 13.760 min
Delta R.T.: -0.005 min
Response: 2213090
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



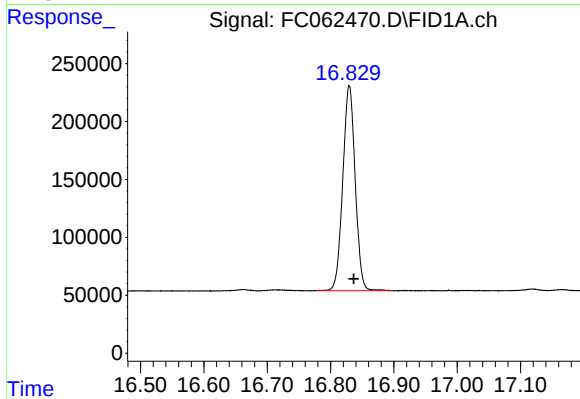
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.007 min
Response: 2285710
Conc: 19.07 ug/ml



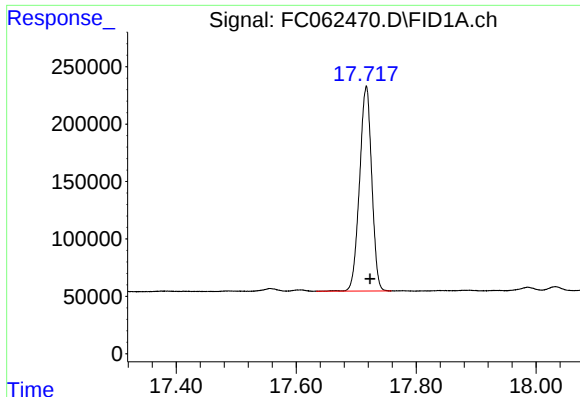
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.007 min
Response: 2309438
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

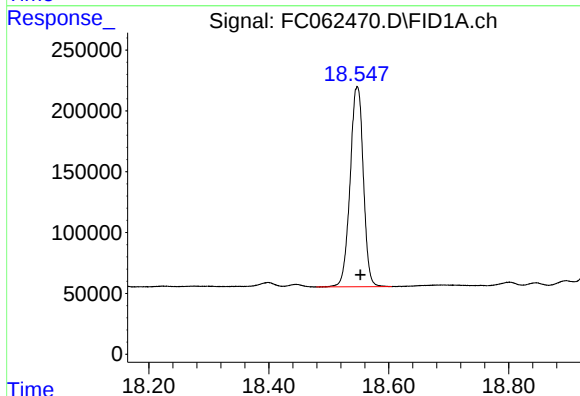
R.T.: 16.830 min
Delta R.T.: -0.007 min
Response: 2408225
Conc: 21.19 ug/ml



#17 n-Tricontane (C30)

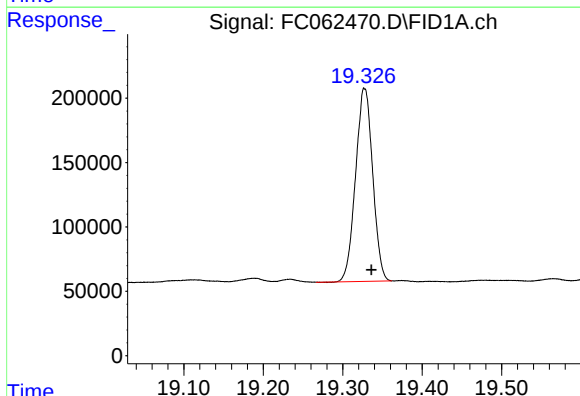
R.T.: 17.717 min
Delta R.T.: -0.006 min
Response: 2522515
Conc: 22.56 ug/ml

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FID_C
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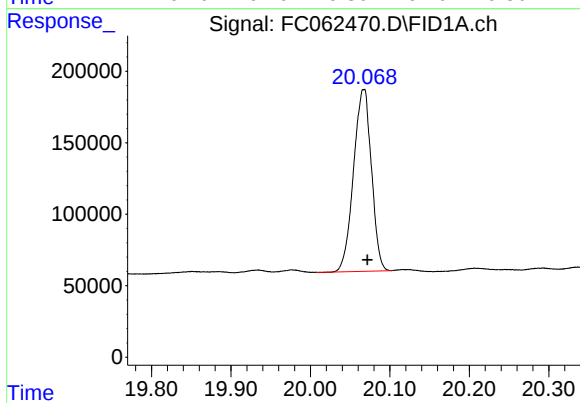
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.005 min
Response: 2520597
Conc: 22.68 ug/ml



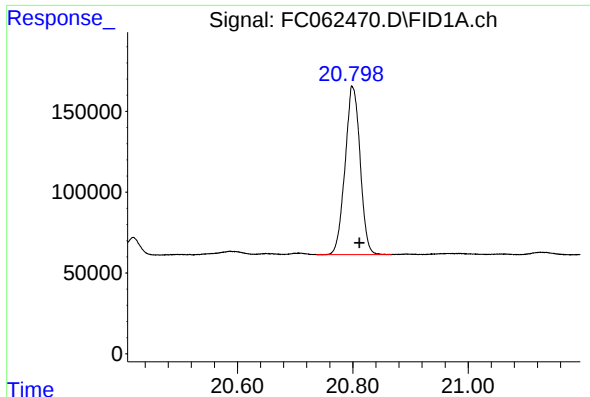
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 2244000
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

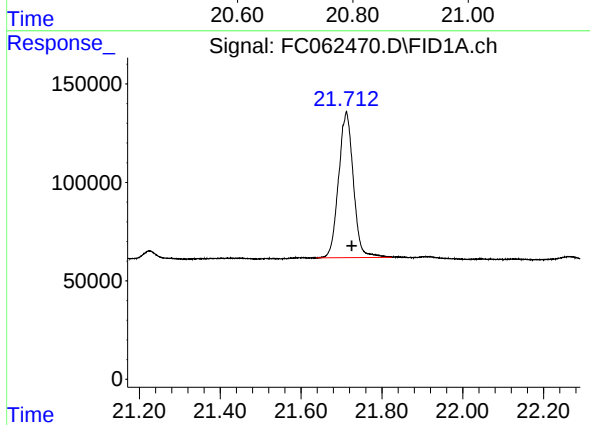
R.T.: 20.067 min
Delta R.T.: -0.005 min
Response: 1989878
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.012 min
Response: 1886433
Conc: 18.44 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.013 min
Response: 1874466
Conc: 18.50 ug/ml