

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121522AL\
 Data File : FC062442.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2022 12:28
 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 16:42:33 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	2490446	17.655 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
12) S 1-chlorooctadecane (S...	13.011	1896687	17.795 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
Target Compounds			
1) T n-Nonane (C9)	3.322	2237858	17.400 ug/ml
2) T n-Decane (C10)	4.391	2196955	17.661 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2507293	17.669 ug/ml
4) T n-Dodecane (C12)	6.414	2187549	17.464 ug/ml
5) T A~2-methylnaphthalene...	7.037	2365874	18.400 ug/ml
6) T n-Tetradecane (C14)	8.212	2216272	18.198 ug/ml
7) T n-Hexadecane (C16)	9.814	2255534	17.970 ug/ml
8) T n-Octadecane (C18)	11.257	2288908	17.917 ug/ml
10) T n-Eicosane (C20)	12.568	2216891	17.822 ug/ml
11) T n-Heneicosane (C21)	13.178	2204252	17.837 ug/ml
13) T n-Docosane (C22)	13.764	2207572	18.173 ug/ml
14) T n-Tetracosane (C24)	14.866	2248381	18.757 ug/ml
15) T n-Hexacosane (C26)	15.886	2204909	18.981 ug/ml
16) T n-Octacosane (C28)	16.835	2245553	19.758 ug/ml
17) T n-Tricontane (C30)	17.721	2291681	20.498 ug/ml
18) T n-Dotriacontane (C32)	18.553	2306633	20.758 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2177014	20.123 ug/ml
20) T n-Hexatriacontane (C36)	20.072	1980237	19.505 ug/ml
21) T n-Octatriacontane (C38)	20.809	1925894	18.824 ug/ml
22) T n-Tetracontane (C40)	21.722	1891604	18.665 ug/ml

(f)=RT Delta > 1/2 Window

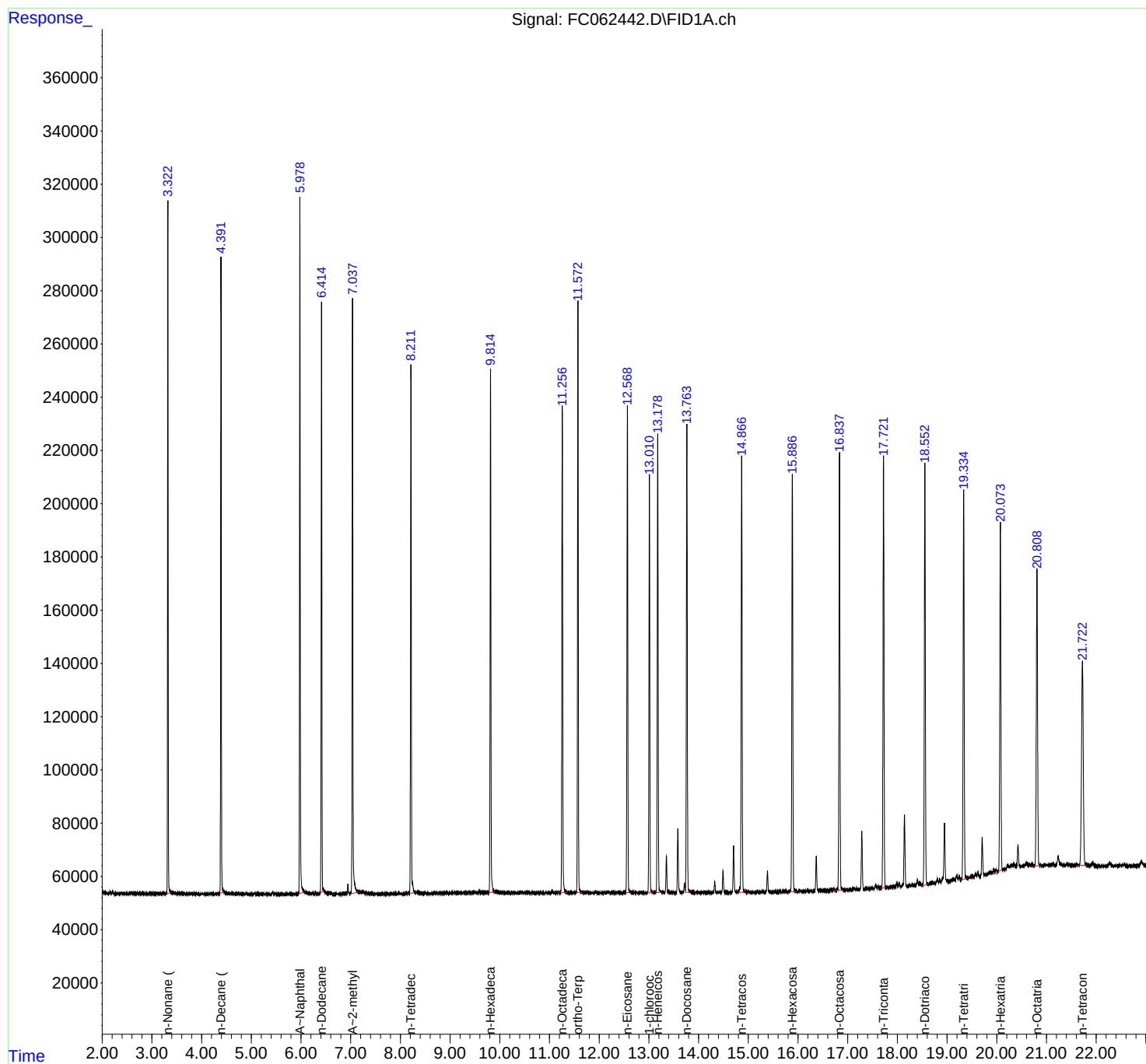
(m)=manual int.

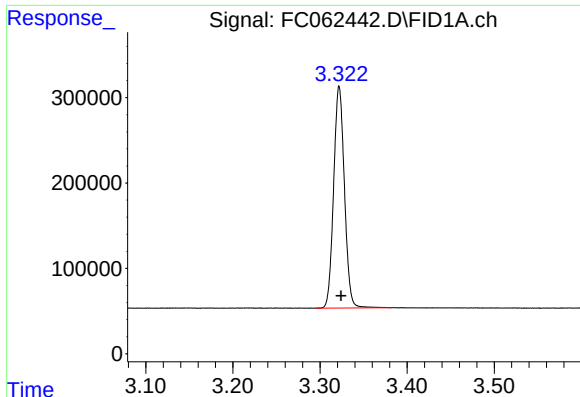
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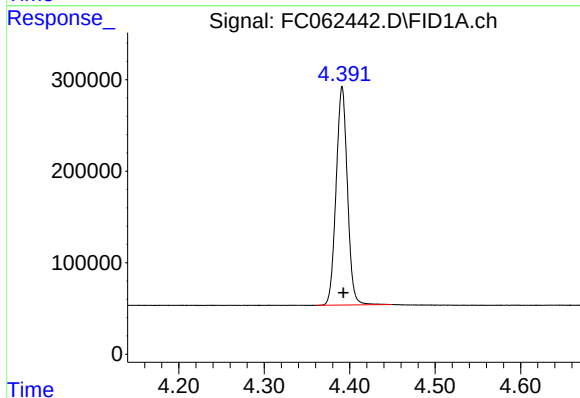




#1 n-Nonane (C9)

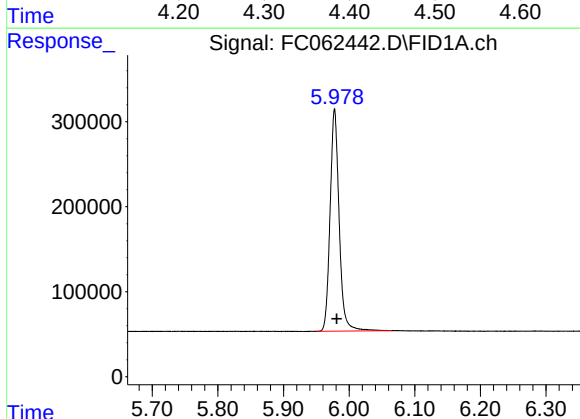
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 2237858
Conc: 17.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



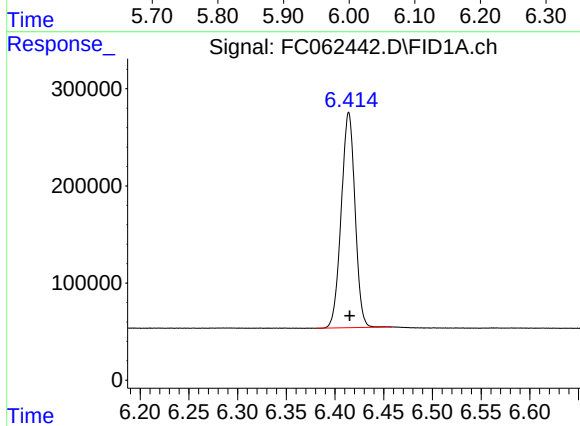
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 2196955
Conc: 17.66 ug/ml



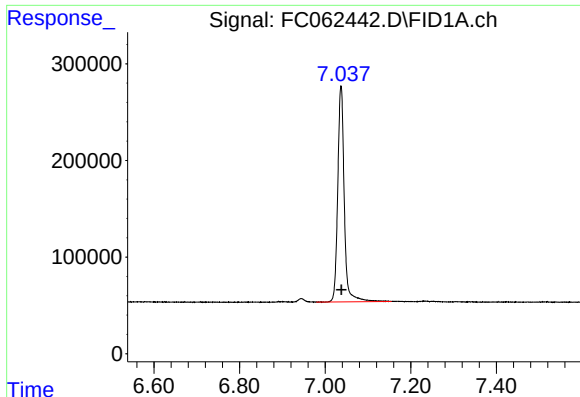
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2507293
Conc: 17.67 ug/ml



#4 n-Dodecane (C12)

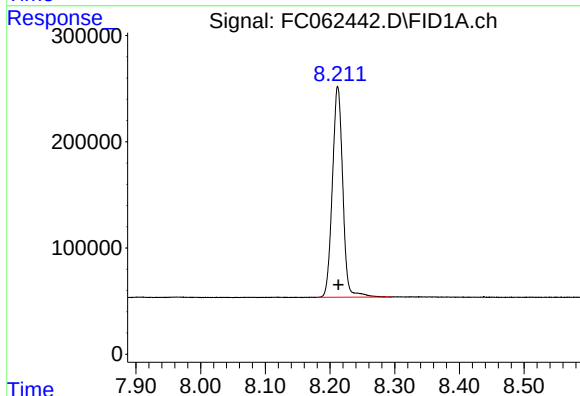
R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 2187549
Conc: 17.46 ug/ml



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

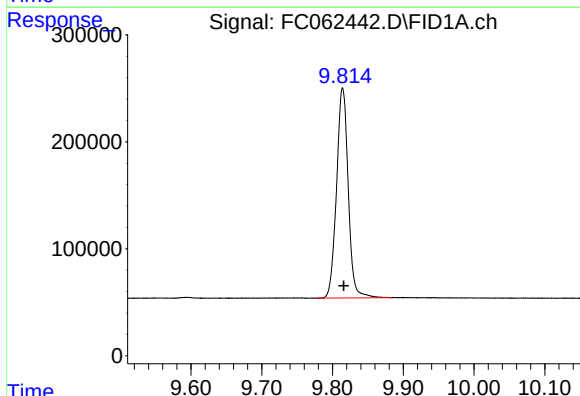
R.T.: 7.037 min
Delta R.T.: -0.001 min
Response: 2365874
Conc: 18.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



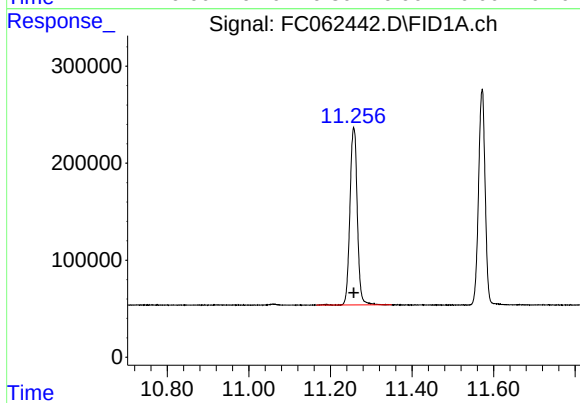
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 2216272
Conc: 18.20 ug/ml



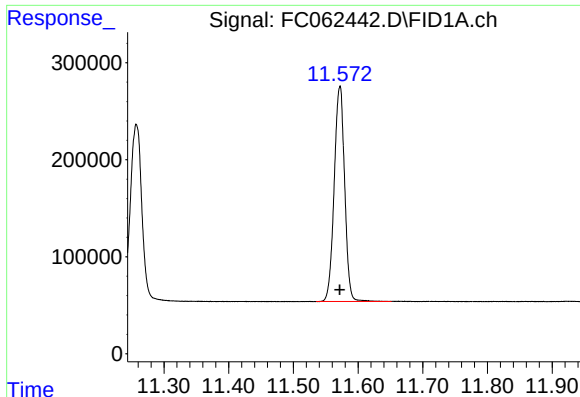
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: -0.002 min
Response: 2255534
Conc: 17.97 ug/ml



#8 n-Octadecane (C18)

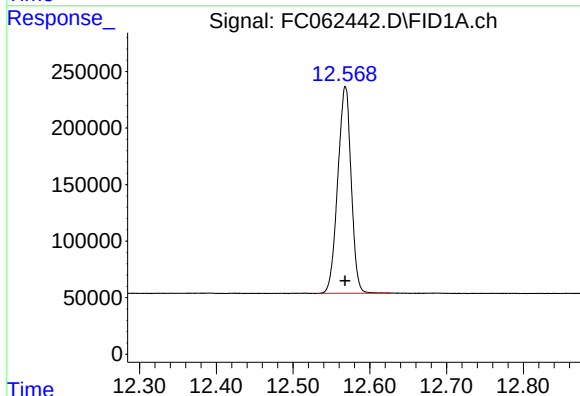
R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 2288908
Conc: 17.92 ug/ml



#9 ortho-Terphenyl (SURR)

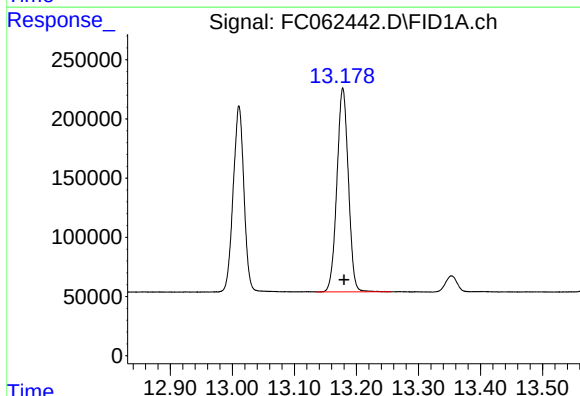
R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 2490446
Conc: 17.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



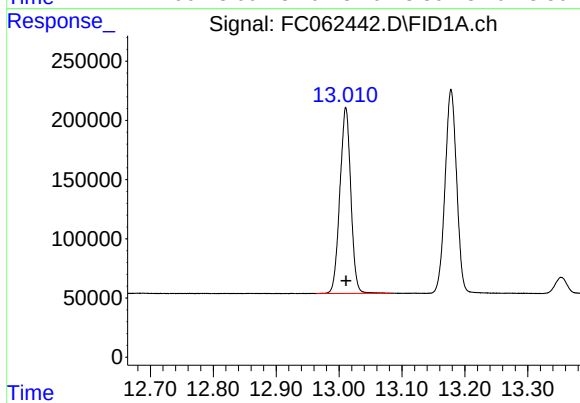
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 2216891
Conc: 17.82 ug/ml



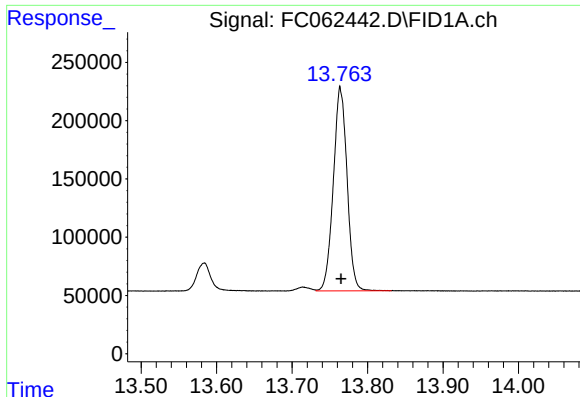
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.002 min
Response: 2204252
Conc: 17.84 ug/ml



#12 1-chlorooctadecane (SURR)

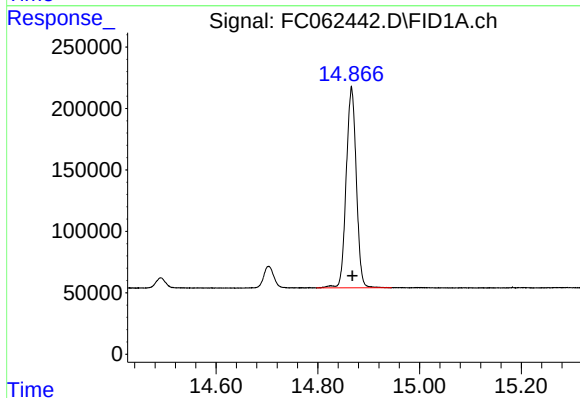
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 1896687
Conc: 17.80 ug/ml



#13 n-Docosane (C22)

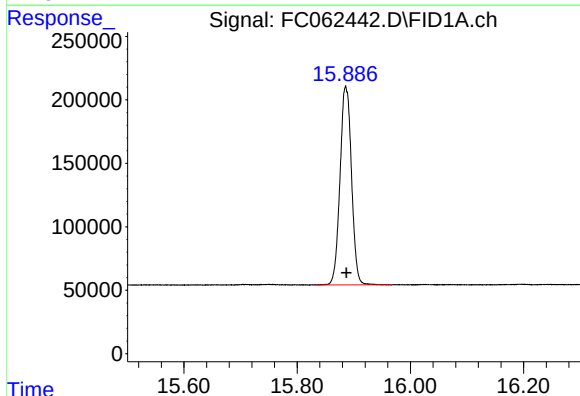
R.T.: 13.764 min
Delta R.T.: 0.000 min
Response: 2207572
Conc: 18.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



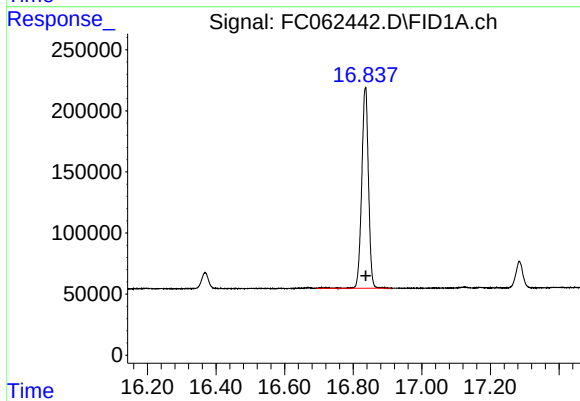
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.002 min
Response: 2248381
Conc: 18.76 ug/ml



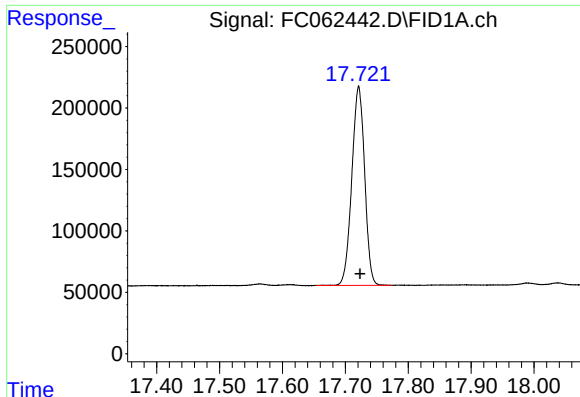
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.000 min
Response: 2204909
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

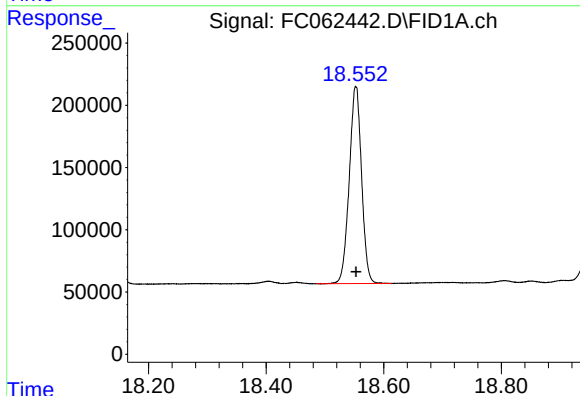
R.T.: 16.835 min
Delta R.T.: -0.001 min
Response: 2245553
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

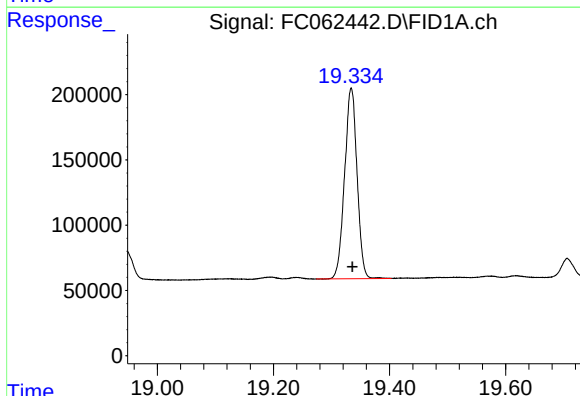
R.T.: 17.721 min
Delta R.T.: -0.002 min
Response: 2291681
Conc: 20.50 ug/ml

Instrument :
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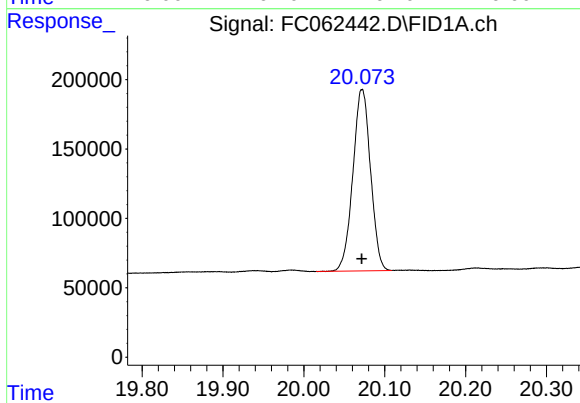
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 2306633
Conc: 20.76 ug/ml



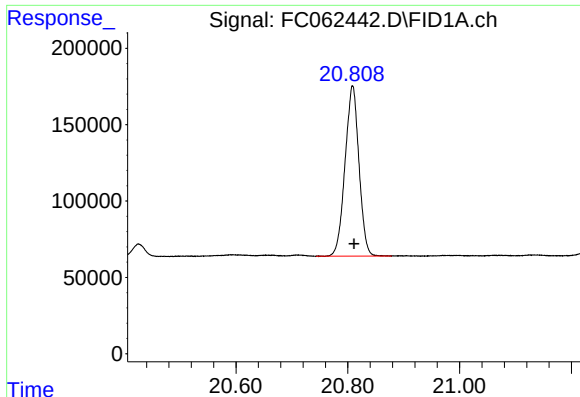
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.002 min
Response: 2177014
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

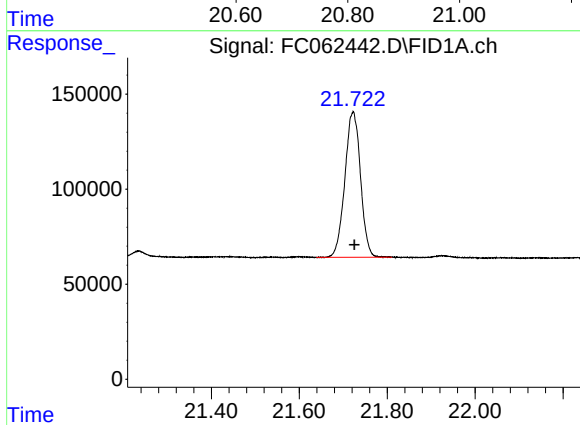
R.T.: 20.072 min
Delta R.T.: 0.000 min
Response: 1980237
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.003 min
Response: 1925894
Conc: 18.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 1891604
Conc: 18.66 ug/ml