

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072123AL\
 Data File : FC064209.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jul 2023 14:39
 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: Jul 22 01:58:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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)	11.516	3720863	19.164 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	12.951	2689864	19.333 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.303	3386039	18.985 ug/ml
2) T n-Decane (C10)	4.365	3434826	18.982 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3489526	18.708 ug/ml
4) T n-Dodecane (C12)	6.378	3411382	18.937 ug/ml
5) T A~2-methylnaphthalene...	7.000	3285411	18.668 ug/ml
6) T n-Tetradecane (C14)	8.169	3301272	19.084 ug/ml
7) T n-Hexadecane (C16)	9.765	3332936	19.187 ug/ml
8) T n-Octadecane (C18)	11.204	3327656	19.308 ug/ml
10) T n-Eicosane (C20)	12.509	3135677	19.208 ug/ml
11) T n-Heneicosane (C21)	13.119	3054960	19.067 ug/ml
13) T n-Docosane (C22)	13.702	3036352	19.323 ug/ml
14) T n-Tetracosane (C24)	14.803	3005806	19.070 ug/ml
15) T n-Hexacosane (C26)	15.818	2971375	19.667 ug/ml
16) T n-Octacosane (C28)	16.766	2988250	19.832 ug/ml
17) T n-Tricontane (C30)	17.650	3196754	20.475 ug/ml
18) T n-Dotriacontane (C32)	18.480	3255319	20.606 ug/ml
19) T n-Tetratriacontane (C34)	19.261	3128685	20.332 ug/ml
20) T n-Hexatriacontane (C36)	19.998	2984198	20.213 ug/ml
21) T n-Octatriacontane (C38)	20.721	2936444	19.824 ug/ml
22) T n-Tetracontane (C40)	21.605	2914151	19.993 ug/ml

(f)=RT Delta > 1/2 Window

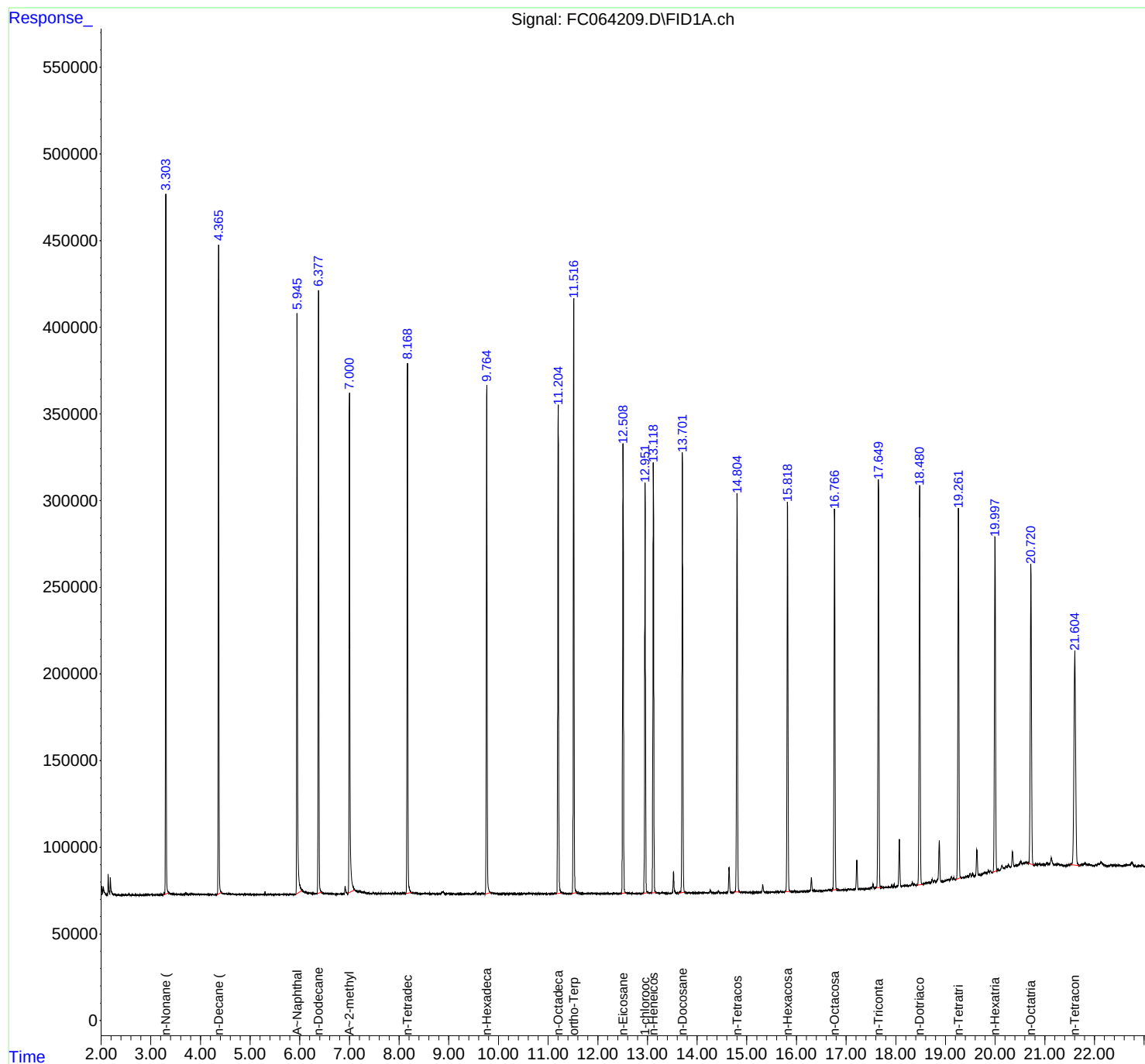
(m)=manual int.

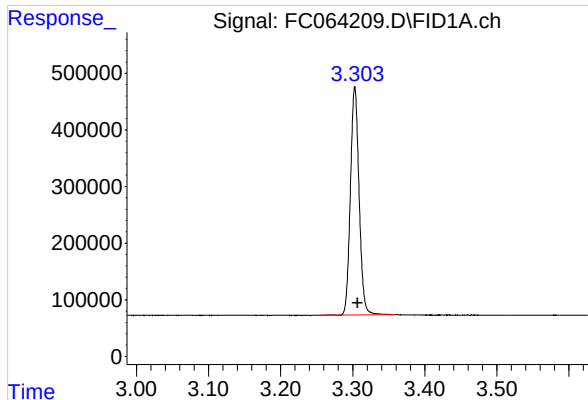
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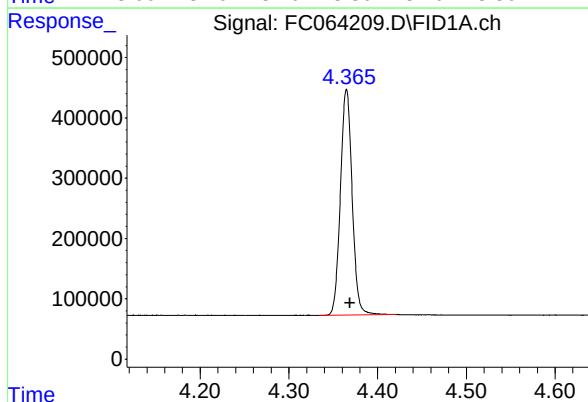




#1 n-Nonane (C9)

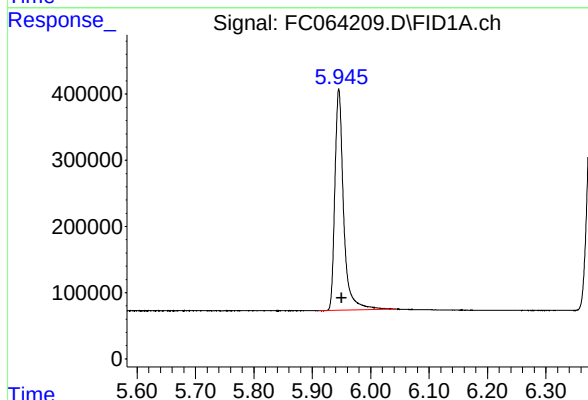
R.T.: 3.303 min
Delta R.T.: -0.004 min
Response: 3386039
Conc: 18.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



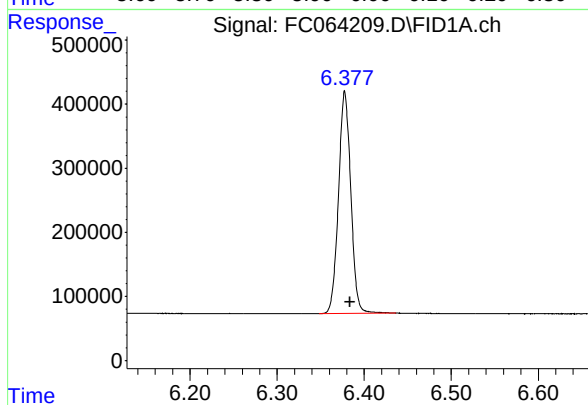
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 3434826
Conc: 18.98 ug/ml



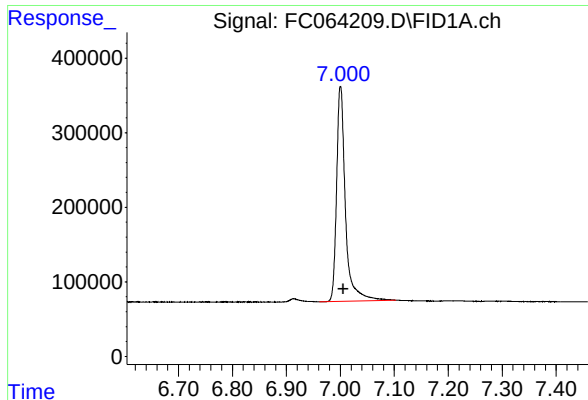
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 3489526
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

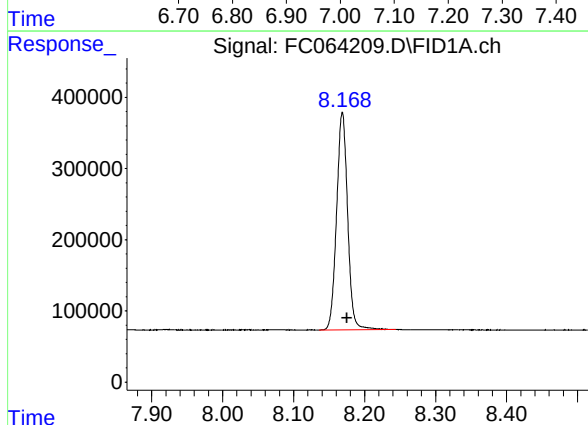
R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 3411382
Conc: 18.94 ug/ml



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

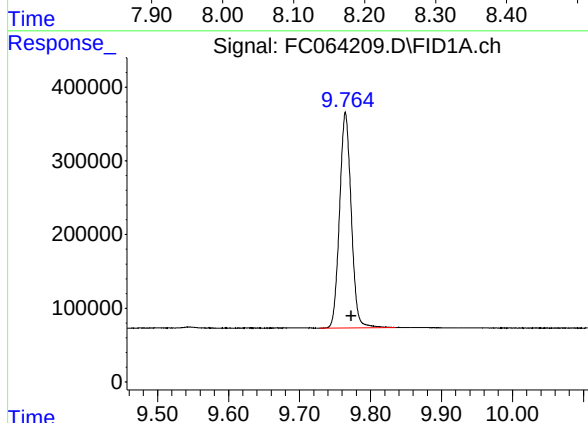
R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 3285411
Conc: 18.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



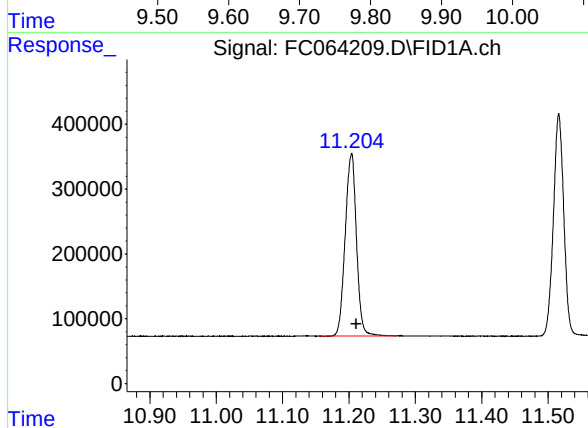
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.007 min
Response: 3301272
Conc: 19.08 ug/ml



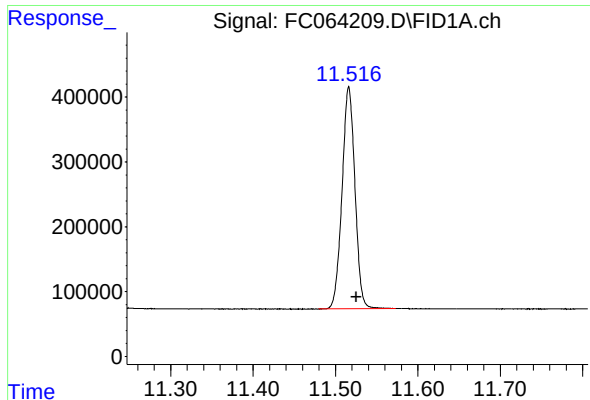
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.008 min
Response: 3332936
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

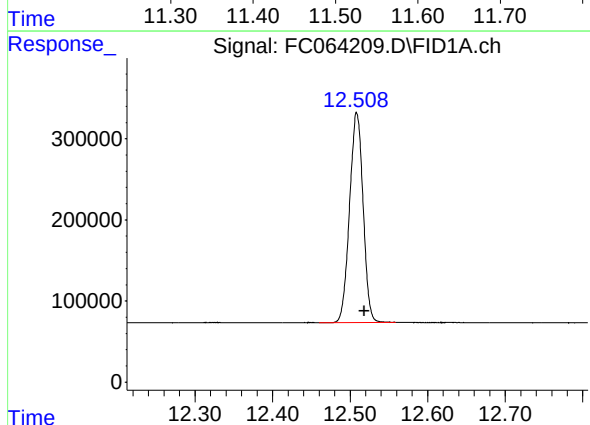
R.T.: 11.204 min
Delta R.T.: -0.007 min
Response: 3327656
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

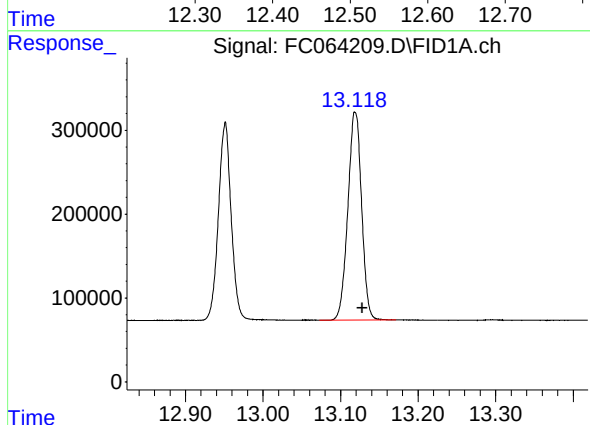
R.T.: 11.516 min
Delta R.T.: -0.009 min
Response: 3720863
Conc: 19.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



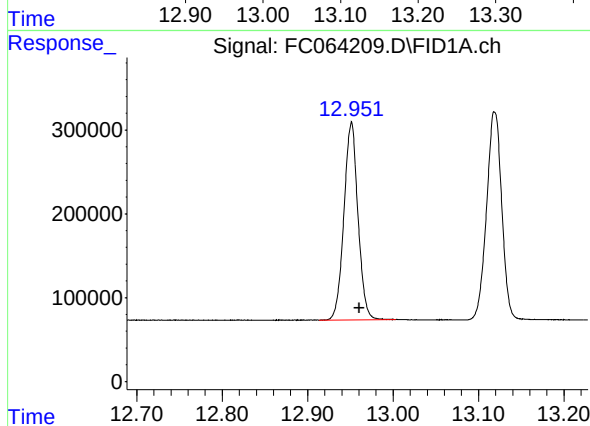
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.009 min
Response: 3135677
Conc: 19.21 ug/ml



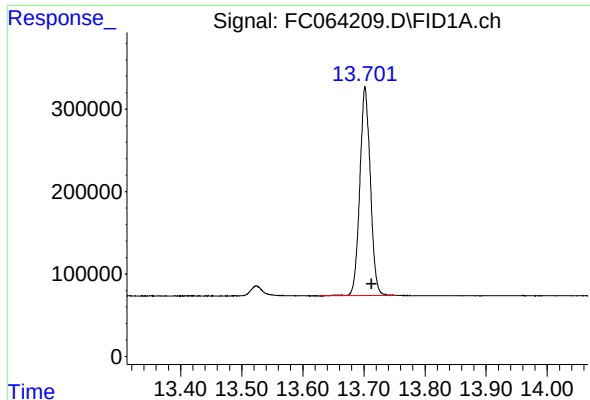
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.009 min
Response: 3054960
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

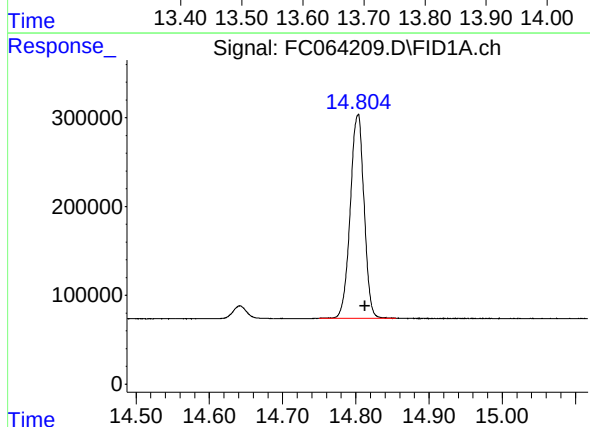
R.T.: 12.951 min
Delta R.T.: -0.009 min
Response: 2689864
Conc: 19.33 ug/ml



#13 n-Docosane (C22)

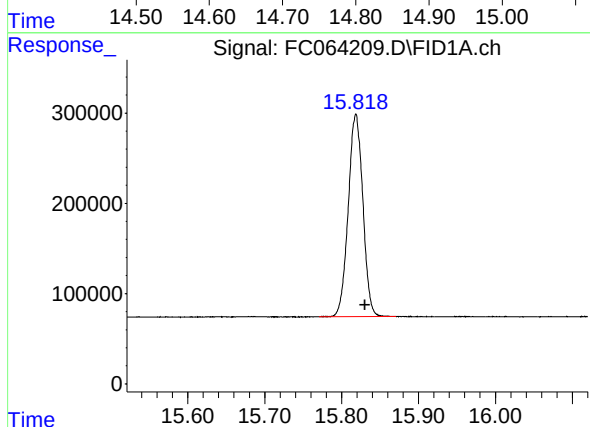
R.T.: 13.702 min
Delta R.T.: -0.011 min
Response: 3036352
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



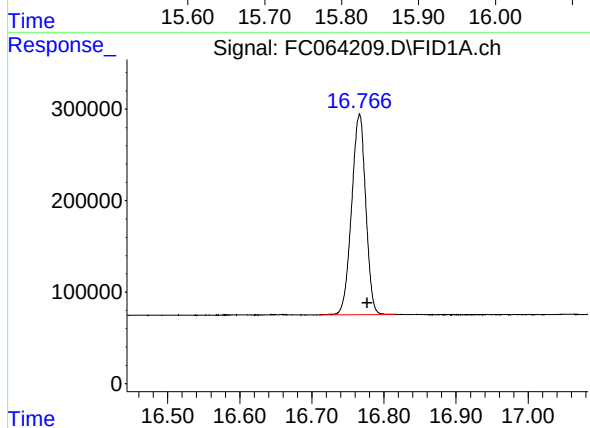
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: -0.009 min
Response: 3005806
Conc: 19.07 ug/ml



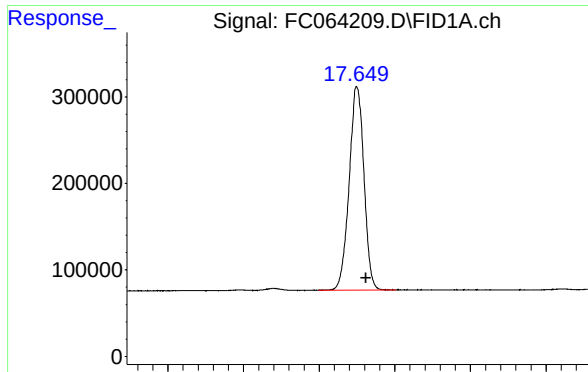
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.012 min
Response: 2971375
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

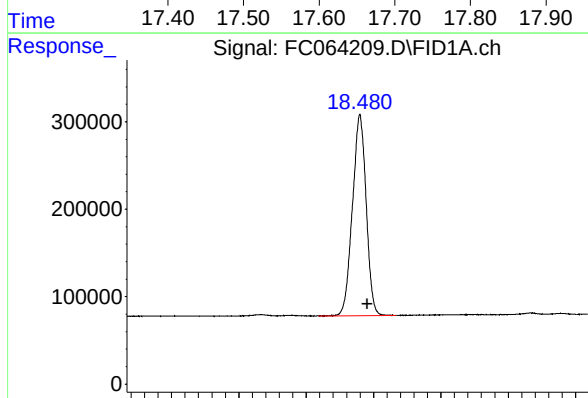
R.T.: 16.766 min
Delta R.T.: -0.011 min
Response: 2988250
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

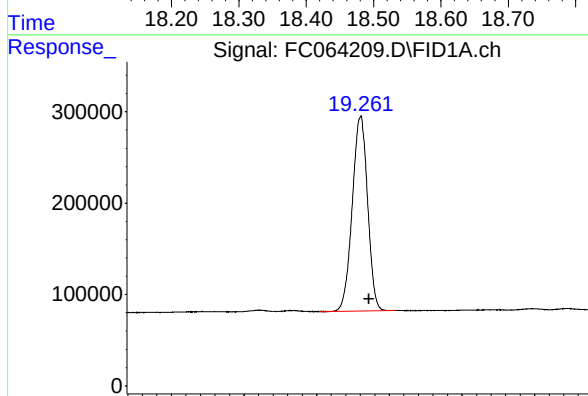
R.T.: 17.650 min
Delta R.T.: -0.012 min
Response: 3196754
Conc: 20.48 ug/ml

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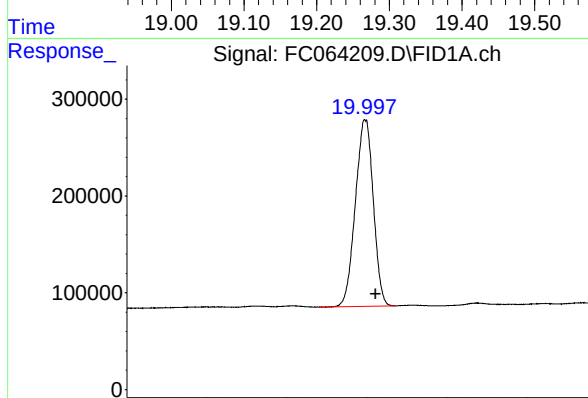
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.011 min
Response: 3255319
Conc: 20.61 ug/ml



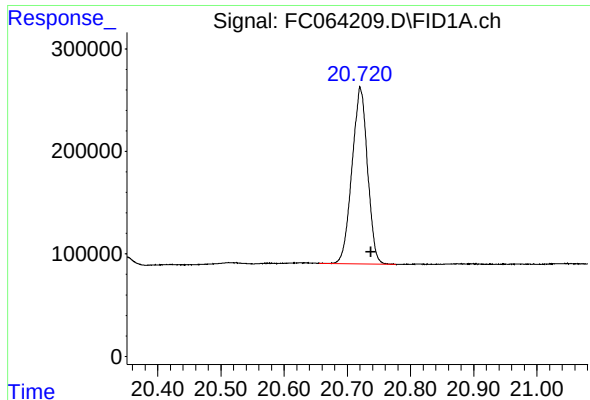
#19 n-Tetatriacontane (C34)

R.T.: 19.261 min
Delta R.T.: -0.012 min
Response: 3128685
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

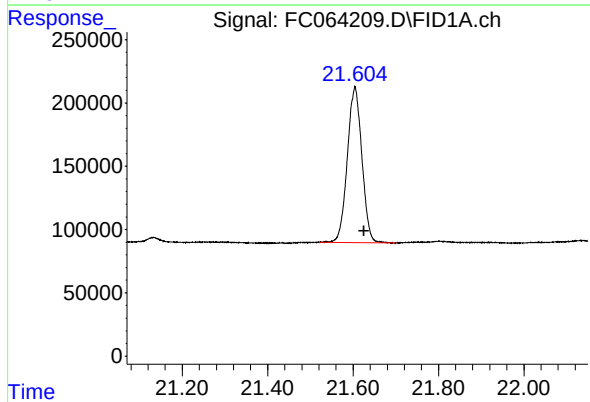
R.T.: 19.998 min
Delta R.T.: -0.013 min
Response: 2984198
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: -0.017 min
Response: 2936444
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.021 min
Response: 2914151
Conc: 19.99 ug/ml