

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061923AL\
 Data File : FC063904.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 04:39
 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: Jun 20 05:09:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.528	3500018	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	12.962	2508937	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.308	3188849	20.008 ug/ml
2) T n-Decane (C10)	4.372	3256157	20.143 ug/ml
3) T A~Naphthalene (C11.7)	5.954	3389504	19.511 ug/ml
4) T n-Dodecane (C12)	6.387	3244234	19.841 ug/ml
5) T A~2-methylnaphthalene...	7.009	3202328	19.548 ug/ml
6) T n-Tetradecane (C14)	8.178	3144041	19.991 ug/ml
7) T n-Hexadecane (C16)	9.775	3158280	19.846 ug/ml
8) T n-Octadecane (C18)	11.215	3130700	19.786 ug/ml
10) T n-Eicosane (C20)	12.520	2932246	19.827 ug/ml
11) T n-Heneicosane (C21)	13.130	2851298	19.808 ug/ml
13) T n-Docosane (C22)	13.715	2799811	19.875 ug/ml
14) T n-Tetracosane (C24)	14.813	2749977	20.041 ug/ml
15) T n-Hexacosane (C26)	15.832	2686657	20.262 ug/ml
16) T n-Octacosane (C28)	16.778	2649304	20.864 ug/ml
17) T n-Tricontane (C30)	17.663	2756455	21.575 ug/ml
18) T n-Dotriacontane (C32)	18.492	2764297	22.215 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2718726	22.050 ug/ml
20) T n-Hexatriacontane (C36)	20.011	2625369	21.874 ug/ml
21) T n-Octatriacontane (C38)	20.735	2643394	21.895 ug/ml
22) T n-Tetracontane (C40)	21.625	2588676	21.364 ug/ml

(f)=RT Delta > 1/2 Window

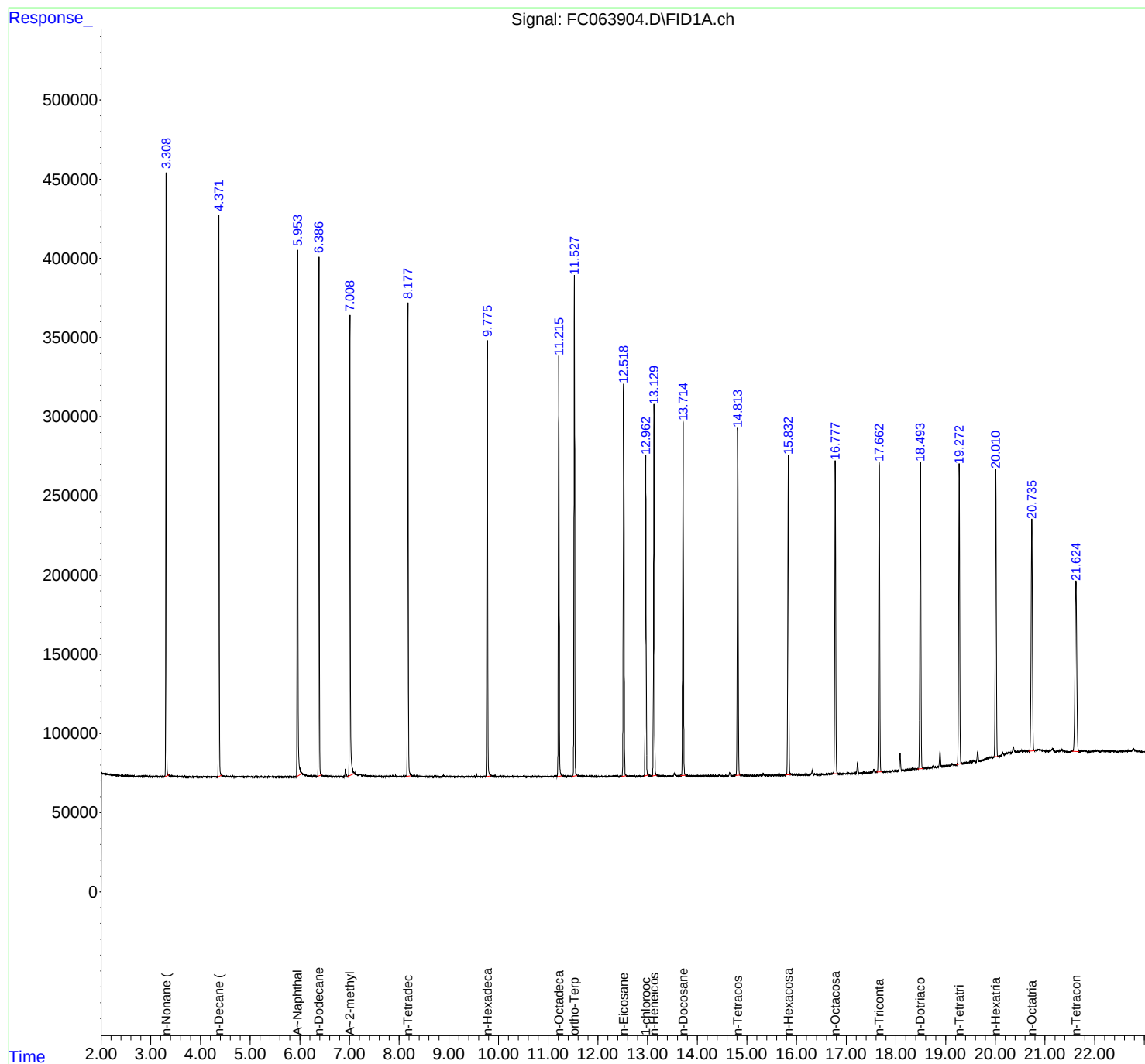
(m)=manual int.

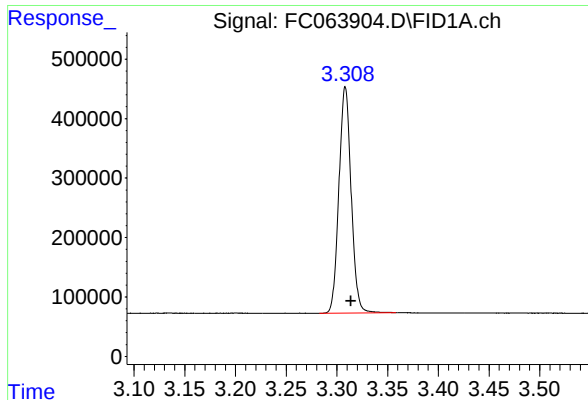
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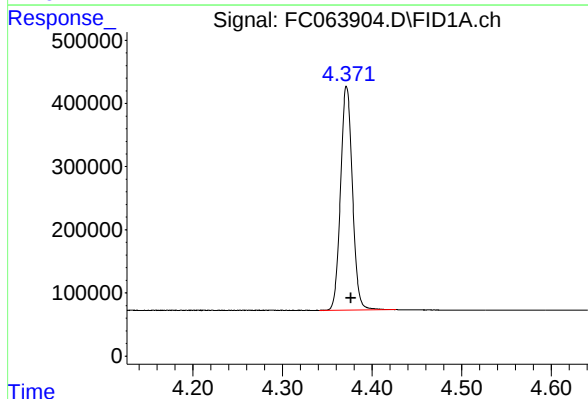




#1 n-Nonane (C9)

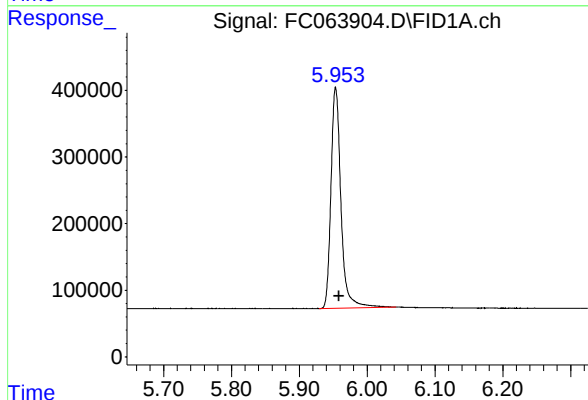
R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 3188849
Conc: 20.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



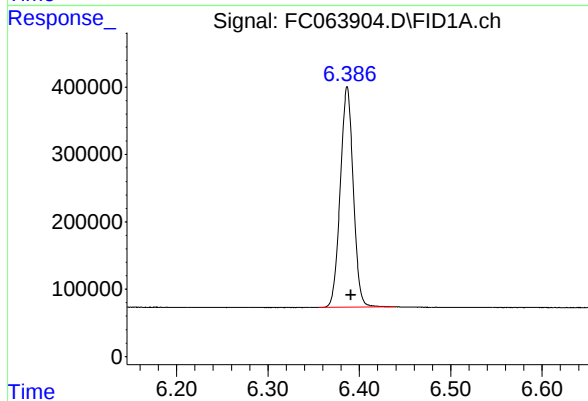
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.005 min
Response: 3256157
Conc: 20.14 ug/ml



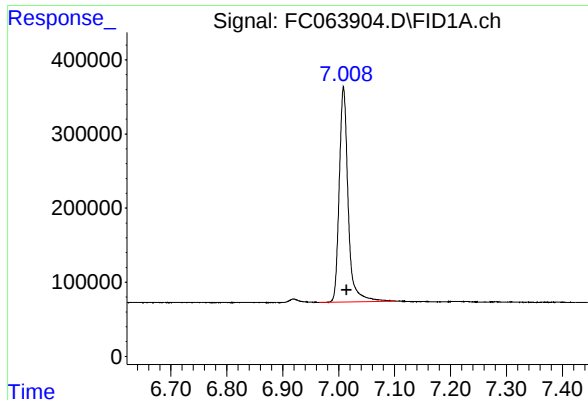
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 3389504
Conc: 19.51 ug/ml



#4 n-Dodecane (C12)

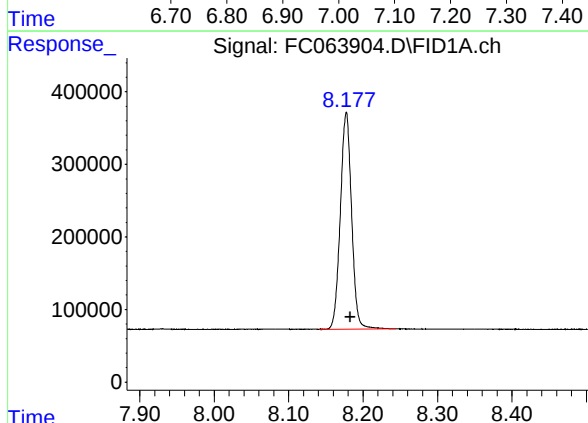
R.T.: 6.387 min
Delta R.T.: -0.004 min
Response: 3244234
Conc: 19.84 ug/ml



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

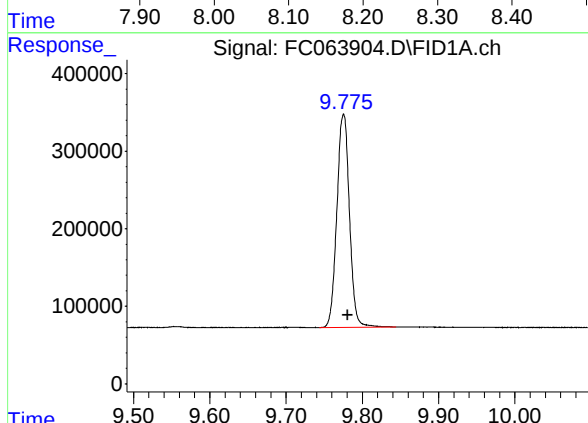
R.T.: 7.009 min
Delta R.T.: -0.006 min
Response: 3202328
Conc: 19.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



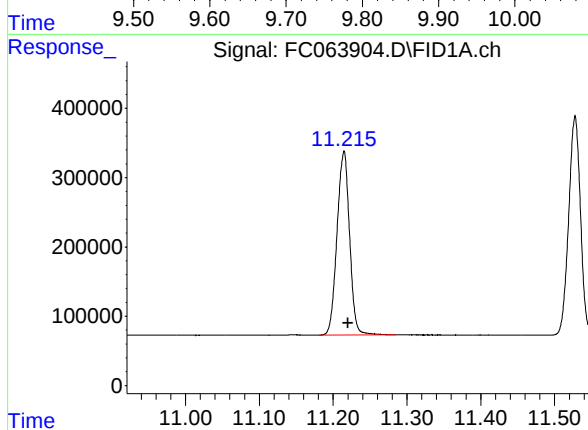
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 3144041
Conc: 19.99 ug/ml



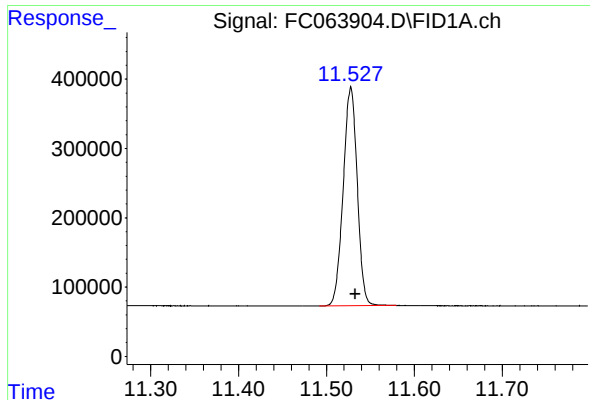
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.005 min
Response: 3158280
Conc: 19.85 ug/ml



#8 n-Octadecane (C18)

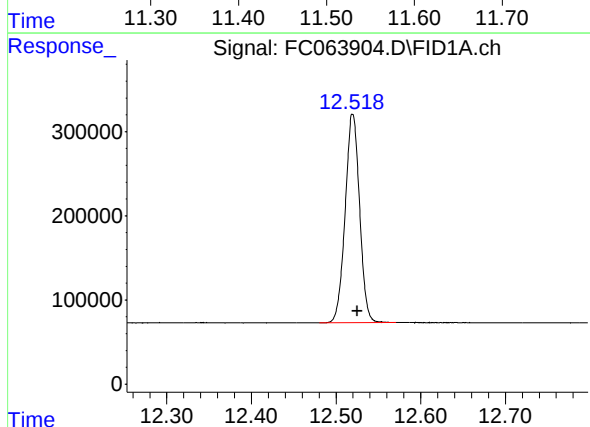
R.T.: 11.215 min
Delta R.T.: -0.005 min
Response: 3130700
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

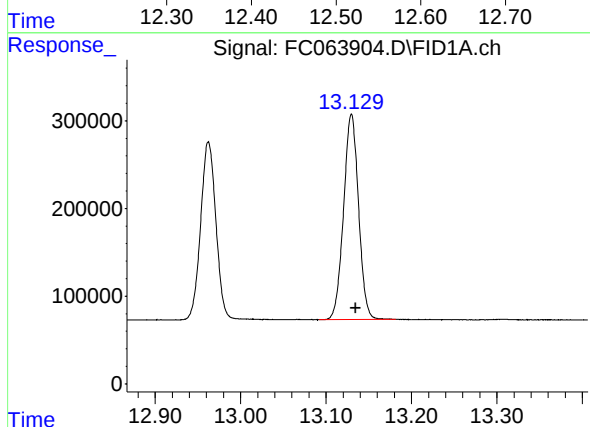
R.T.: 11.528 min
Delta R.T.: -0.005 min
Response: 3500018
Conc: 19.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



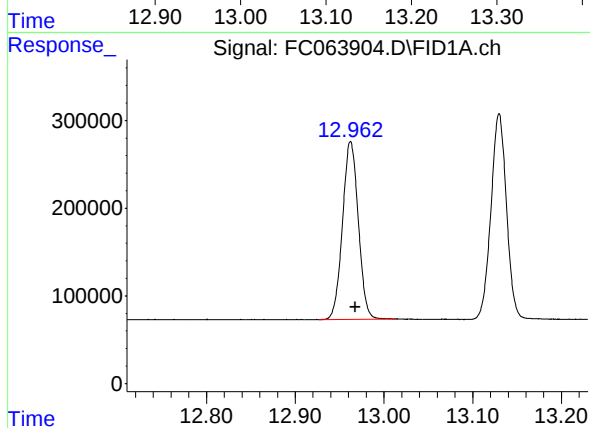
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.005 min
Response: 2932246
Conc: 19.83 ug/ml



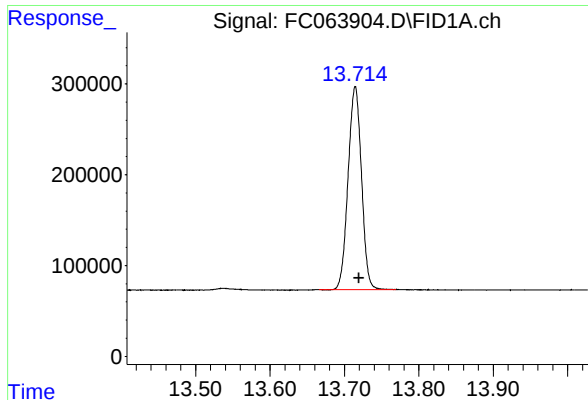
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.005 min
Response: 2851298
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

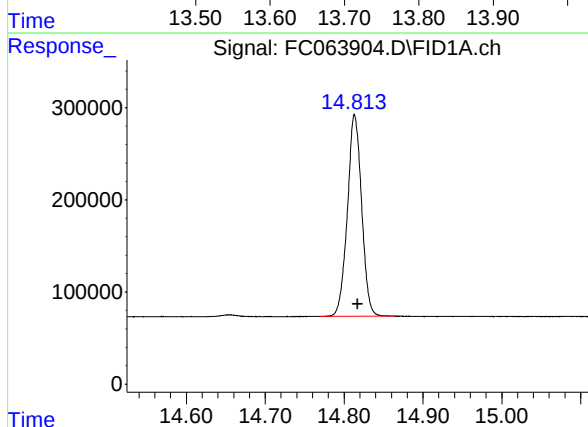
R.T.: 12.962 min
Delta R.T.: -0.005 min
Response: 2508937
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

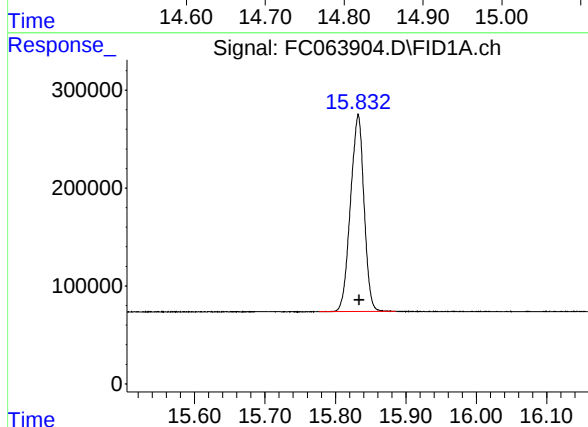
R.T.: 13.715 min
Delta R.T.: -0.005 min
Response: 2799811
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



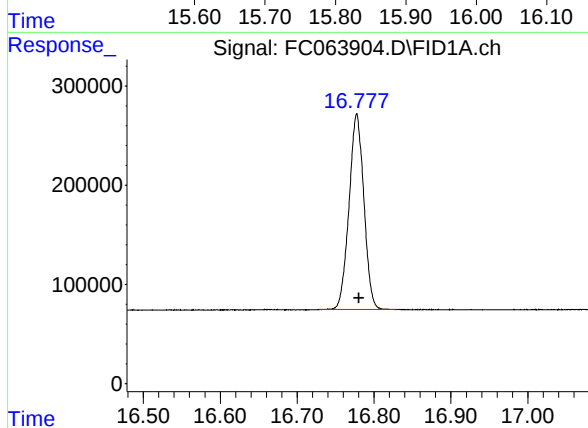
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.004 min
Response: 2749977
Conc: 20.04 ug/ml



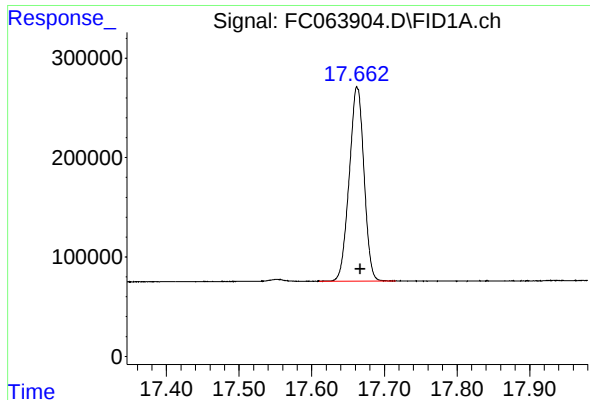
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 2686657
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

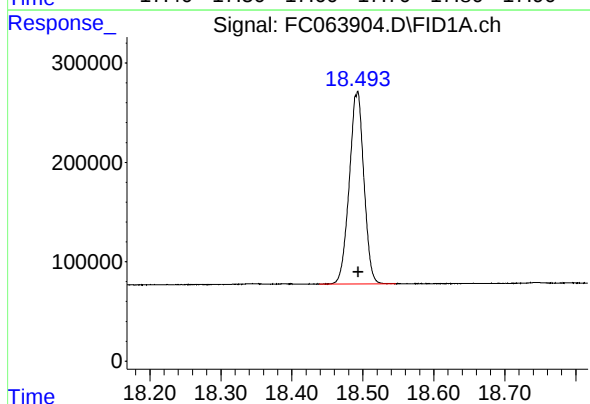
R.T.: 16.778 min
Delta R.T.: -0.003 min
Response: 2649304
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

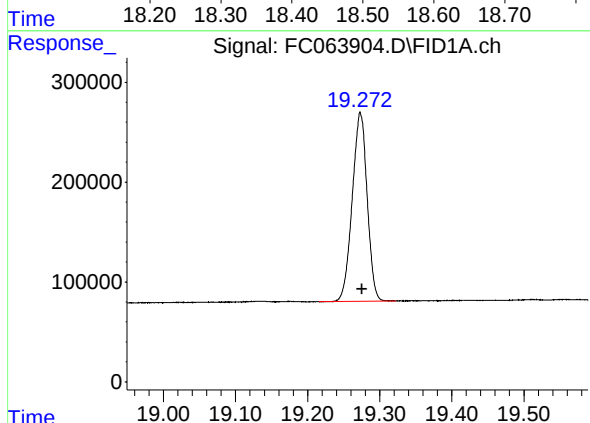
R.T.: 17.663 min
Delta R.T.: -0.005 min
Response: 2756455
Conc: 21.57 ug/ml

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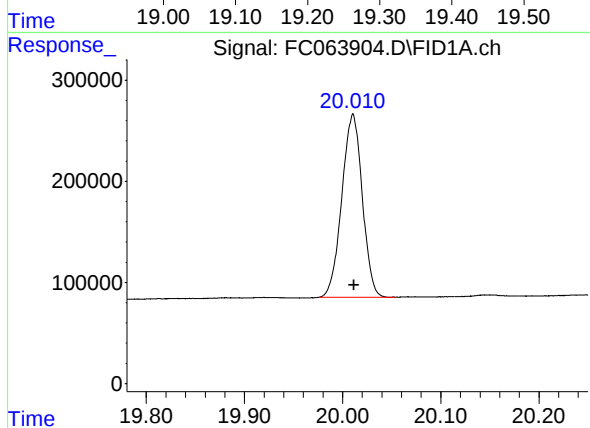
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.002 min
Response: 2764297
Conc: 22.22 ug/ml



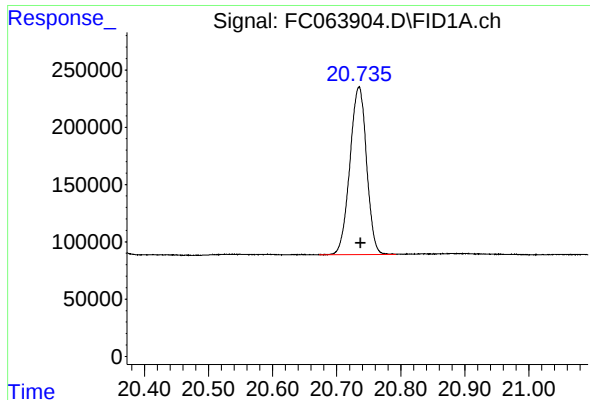
#19 n-Tetatriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 2718726
Conc: 22.05 ug/ml



#20 n-Hexatriacontane (C36)

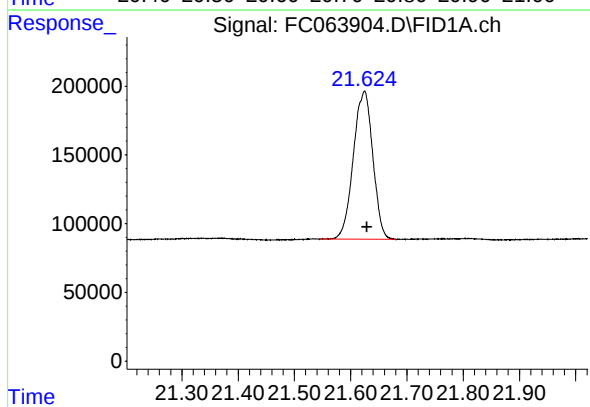
R.T.: 20.011 min
Delta R.T.: -0.001 min
Response: 2625369
Conc: 21.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.003 min
Response: 2643394
Conc: 21.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.004 min
Response: 2588676
Conc: 21.36 ug/ml