

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051923AL\
 Data File : FC063640.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 12:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 20 00:38:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.527	3950393	21.084 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
12) S 1-chlorooctadecane (S...	12.962	2770731	21.159 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T n-Nonane (C9)	3.305	3494808	21.829 ug/ml
2) T n-Decane (C10)	4.367	3543177	21.897 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3705325	21.824 ug/ml
4) T n-Dodecane (C12)	6.384	3532089	21.698 ug/ml
5) T A~2-methylnaphthalene...	7.007	3541108	21.893 ug/ml
6) T n-Tetradecane (C14)	8.178	3413957	21.617 ug/ml
7) T n-Hexadecane (C16)	9.775	3448151	21.494 ug/ml
8) T n-Octadecane (C18)	11.214	3426384	21.394 ug/ml
10) T n-Eicosane (C20)	12.520	3226881	21.269 ug/ml
11) T n-Heneicosane (C21)	13.130	3125782	21.330 ug/ml
13) T n-Docosane (C22)	13.714	3071088	21.283 ug/ml
14) T n-Tetracosane (C24)	14.815	2999658	21.325 ug/ml
15) T n-Hexacosane (C26)	15.831	2903942	21.264 ug/ml
16) T n-Octacosane (C28)	16.779	2823972	21.350 ug/ml
17) T n-Tricontane (C30)	17.662	2935431	21.831 ug/ml
18) T n-Dotriacontane (C32)	18.492	2928516	21.933 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2823828	21.754 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2690313	21.725 ug/ml
21) T n-Octatriacontane (C38)	20.733	2679670	21.445 ug/ml
22) T n-Tetracontane (C40)	21.621	2649784	21.555 ug/ml

(f)=RT Delta > 1/2 Window

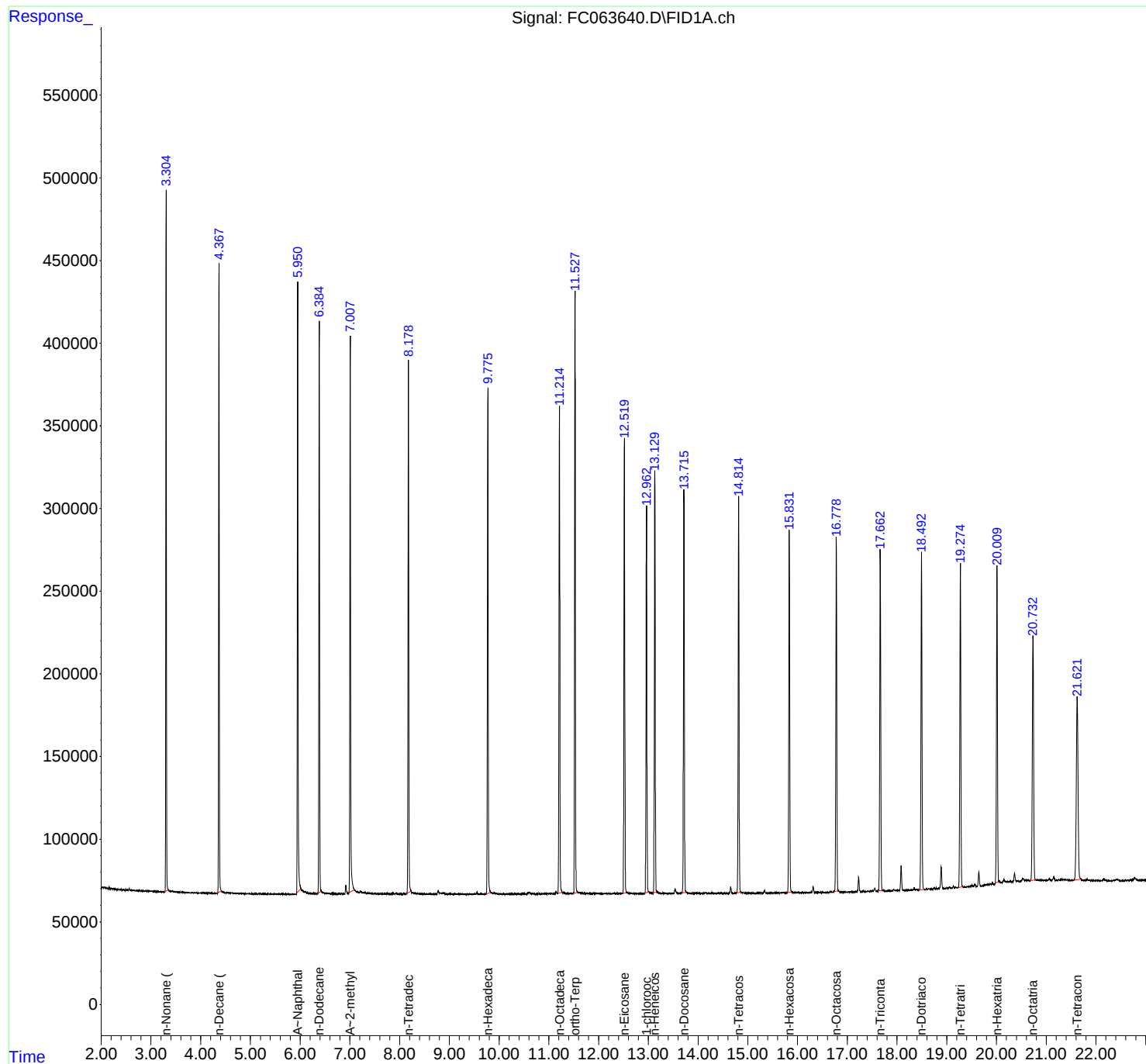
(m)=manual int.

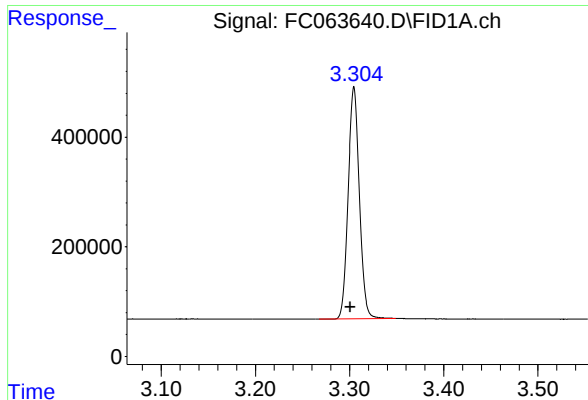
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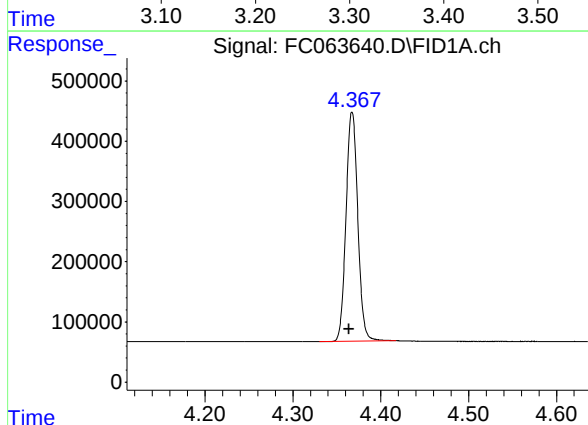




#1 n-Nonane (C9)

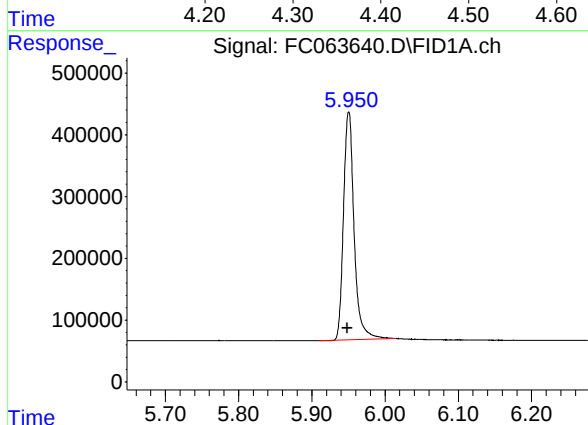
R.T.: 3.305 min
Delta R.T.: 0.004 min
Response: 3494808
Conc: 21.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



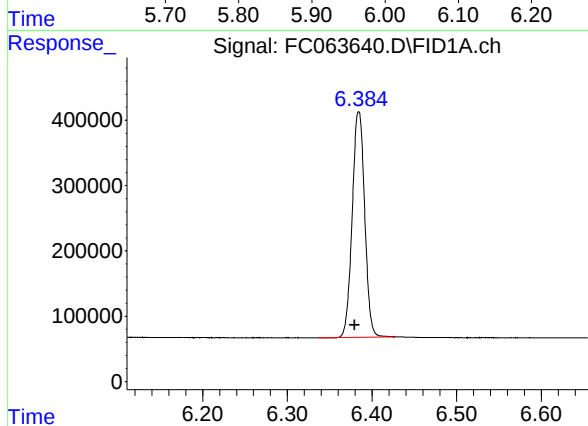
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.004 min
Response: 3543177
Conc: 21.90 ug/ml



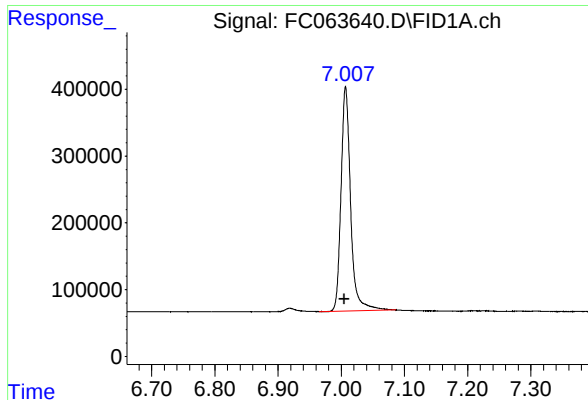
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 3705325
Conc: 21.82 ug/ml



#4 n-Dodecane (C12)

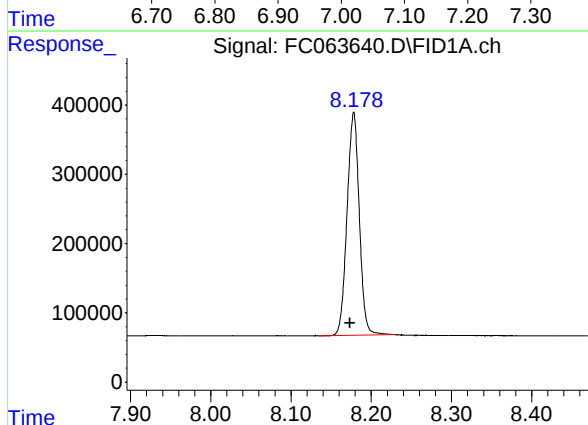
R.T.: 6.384 min
Delta R.T.: 0.005 min
Response: 3532089
Conc: 21.70 ug/ml



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

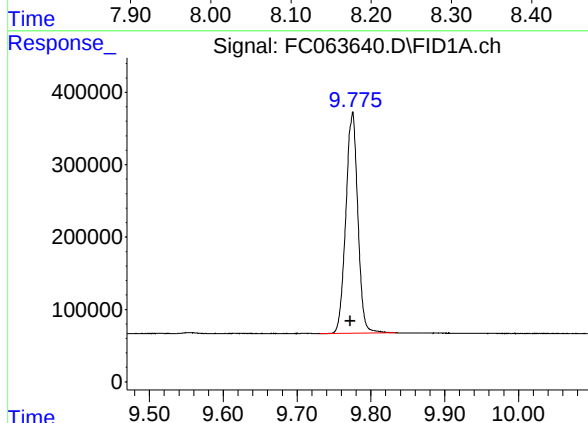
R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 3541108
Conc: 21.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



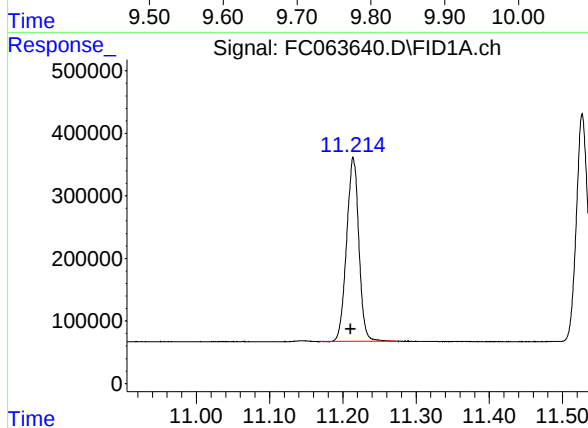
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.005 min
Response: 3413957
Conc: 21.62 ug/ml



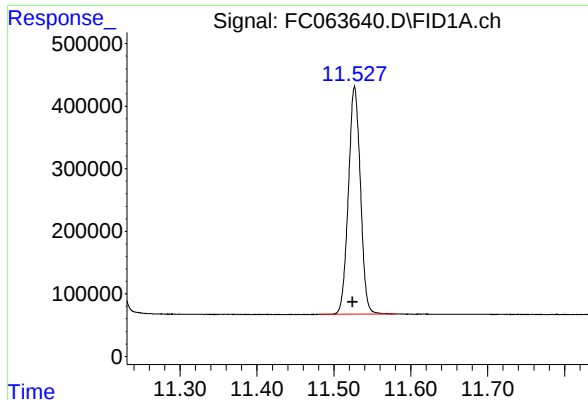
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.003 min
Response: 3448151
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

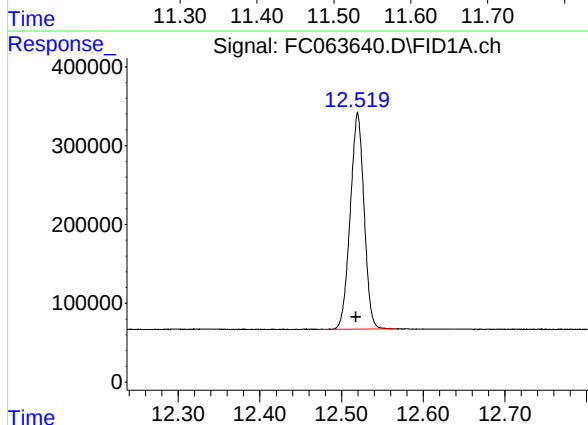
R.T.: 11.214 min
Delta R.T.: 0.003 min
Response: 3426384
Conc: 21.39 ug/ml



#9 ortho-Terphenyl (SURR)

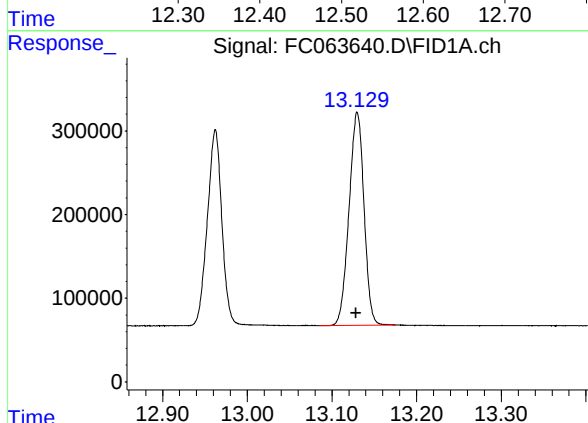
R.T.: 11.527 min
Delta R.T.: 0.002 min
Response: 3950393
Conc: 21.08 ug/ml

Instrument :
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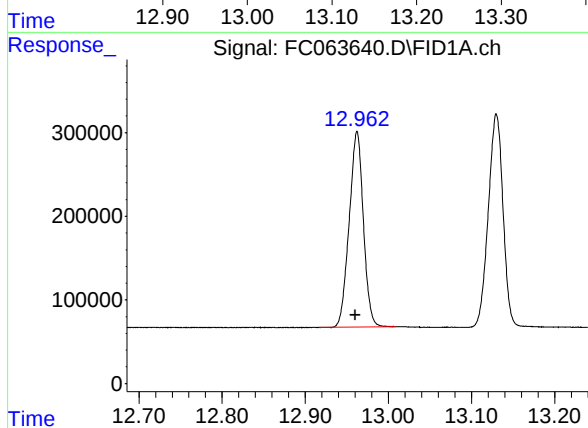
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: 0.002 min
Response: 3226881
Conc: 21.27 ug/ml



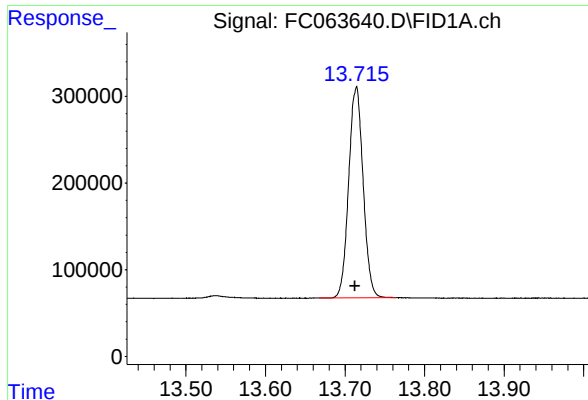
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.002 min
Response: 3125782
Conc: 21.33 ug/ml



#12 1-chlorooctadecane (SURR)

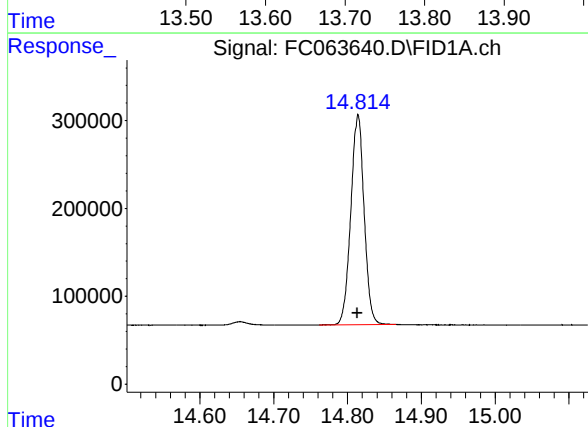
R.T.: 12.962 min
Delta R.T.: 0.002 min
Response: 2770731
Conc: 21.16 ug/ml



#13 n-Docosane (C22)

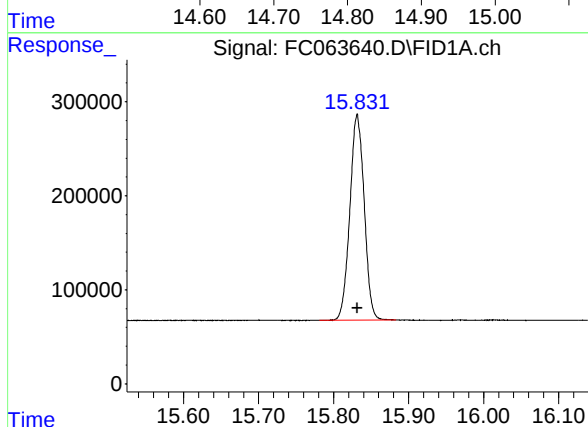
R.T.: 13.714 min
Delta R.T.: 0.002 min
Response: 3071088
Conc: 21.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



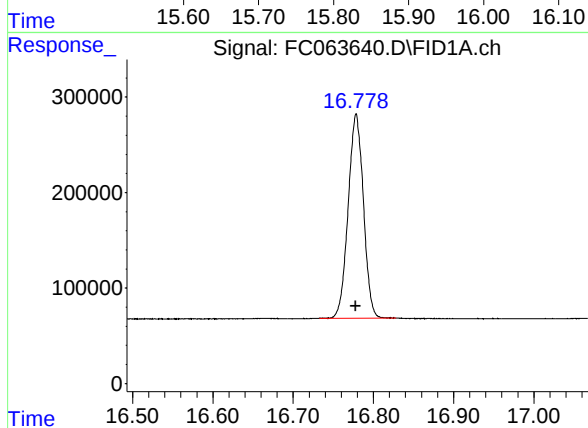
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: 0.001 min
Response: 2999658
Conc: 21.32 ug/ml



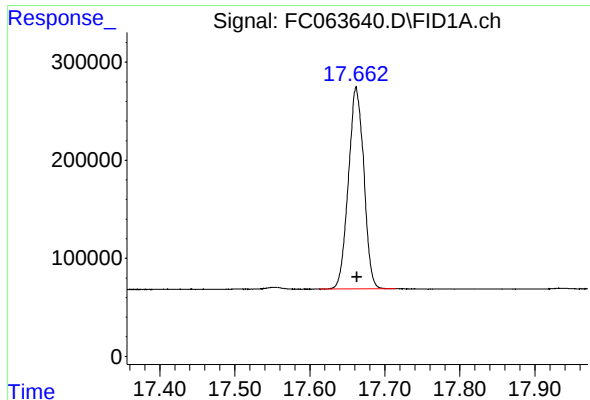
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: 0.000 min
Response: 2903942
Conc: 21.26 ug/ml



#16 n-Octacosane (C28)

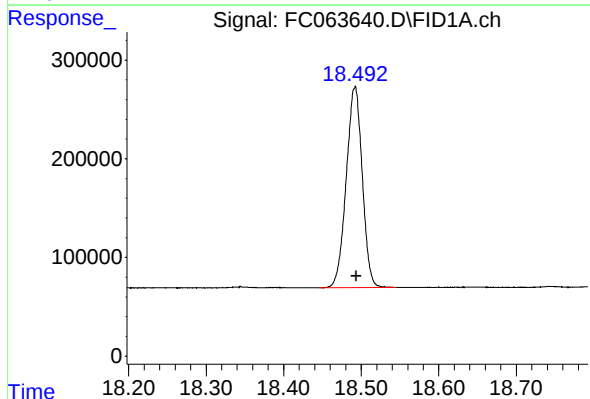
R.T.: 16.779 min
Delta R.T.: 0.000 min
Response: 2823972
Conc: 21.35 ug/ml



#17 n-Tricontane (C30)

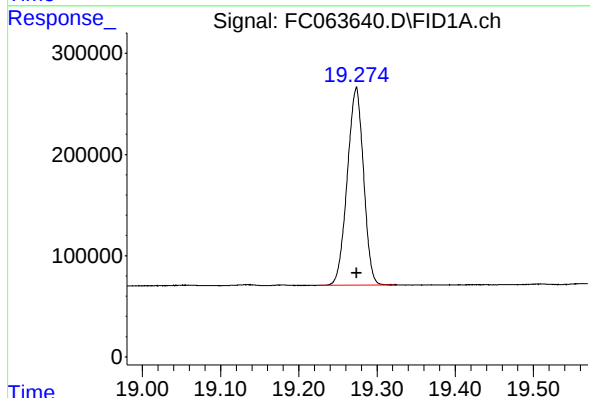
R.T.: 17.662 min
Delta R.T.: 0.000 min
Response: 2935431
Conc: 21.83 ug/ml

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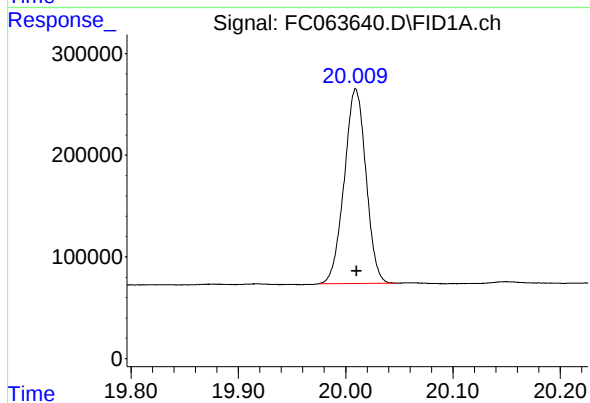
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.001 min
Response: 2928516
Conc: 21.93 ug/ml



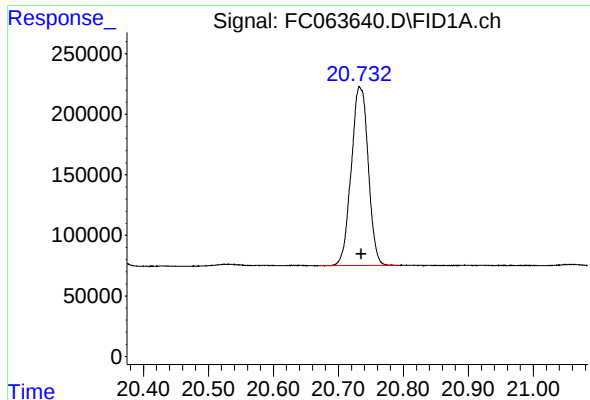
#19 n-Tetatriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.000 min
Response: 2823828
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

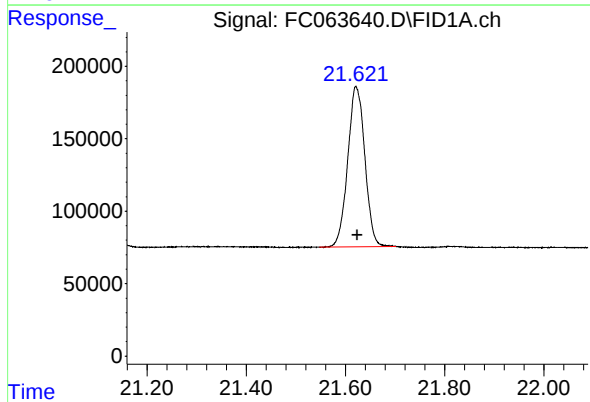
R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 2690313
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.002 min
Response: 2679670
Conc: 21.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.003 min
Response: 2649784
Conc: 21.56 ug/ml