

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051123AL\
 Data File : FC063610.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2023 22:02
 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: May 12 01:09:23 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)	11.524	3647173	19.466 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	12.960	2558417	19.538 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.300	3211355	20.058 ug/ml
2) T n-Decane (C10)	4.362	3246082	20.061 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3395374	19.998 ug/ml
4) T n-Dodecane (C12)	6.379	3235188	19.874 ug/ml
5) T A~2-methylnaphthalene...	7.000	3257717	20.141 ug/ml
6) T n-Tetradecane (C14)	8.171	3154503	19.974 ug/ml
7) T n-Hexadecane (C16)	9.771	3165936	19.734 ug/ml
8) T n-Octadecane (C18)	11.209	3159345	19.726 ug/ml
10) T n-Eicosane (C20)	12.516	2967132	19.557 ug/ml
11) T n-Heneicosane (C21)	13.128	2884092	19.680 ug/ml
13) T n-Docosane (C22)	13.712	2823419	19.566 ug/ml
14) T n-Tetracosane (C24)	14.811	2760688	19.626 ug/ml
15) T n-Hexacosane (C26)	15.829	2692683	19.717 ug/ml
16) T n-Octacosane (C28)	16.776	2606395	19.705 ug/ml
17) T n-Tricontane (C30)	17.660	2644514	19.667 ug/ml
18) T n-Dotriacontane (C32)	18.490	2611114	19.556 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2552723	19.665 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2451652	19.797 ug/ml
21) T n-Octatriacontane (C38)	20.732	2483620	19.876 ug/ml
22) T n-Tetracontane (C40)	21.625	2459418	20.007 ug/ml

(f)=RT Delta > 1/2 Window

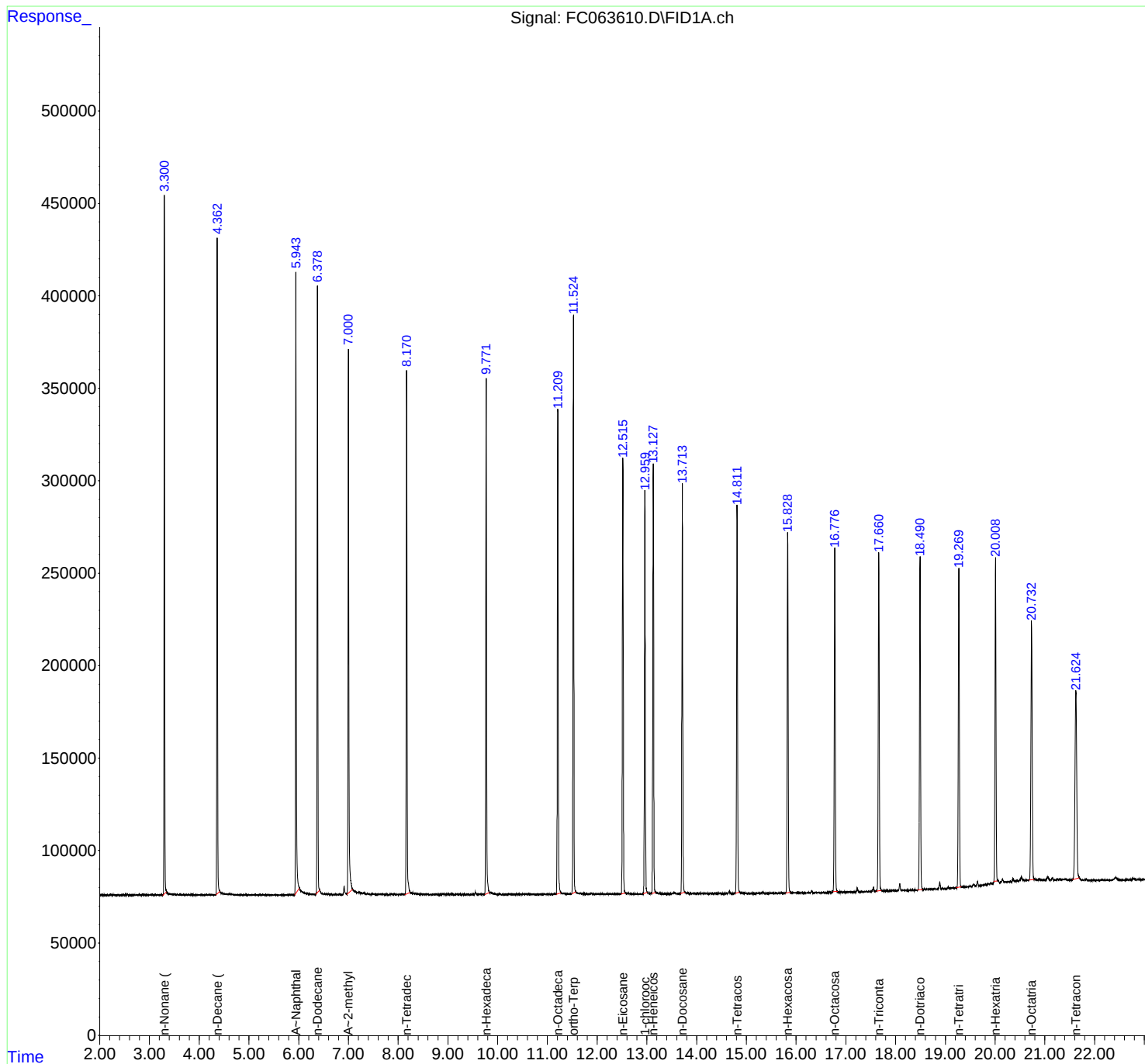
(m)=manual int.

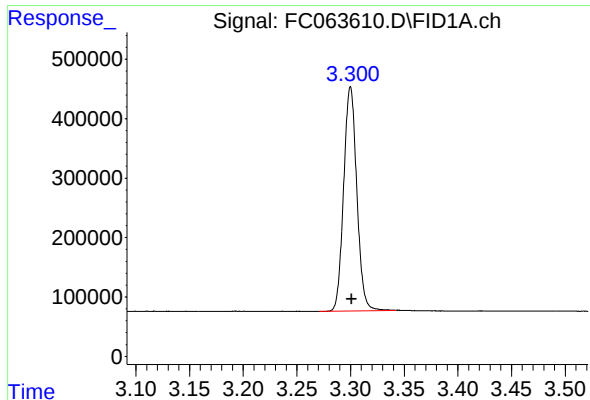
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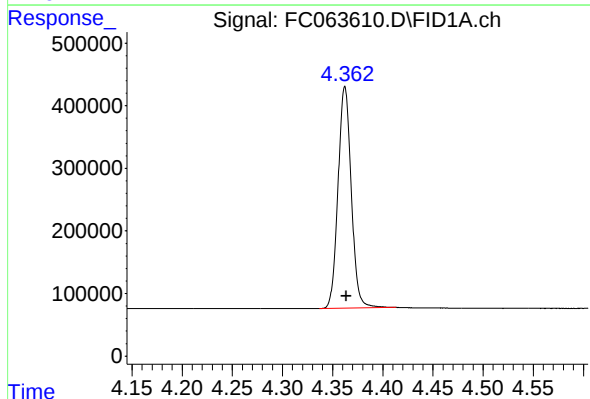




#1 n-Nonane (C9)

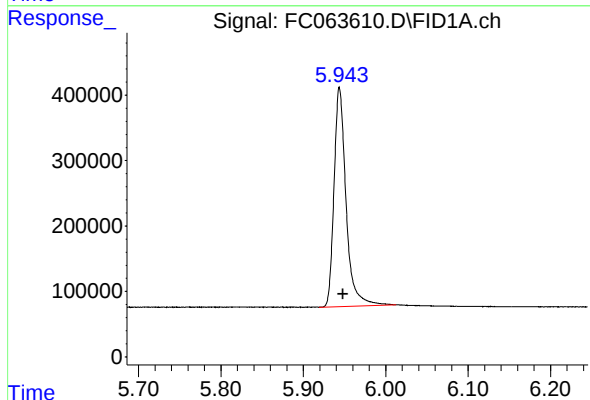
R.T.: 3.300 min
Delta R.T.: -0.001 min
Response: 3211355
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



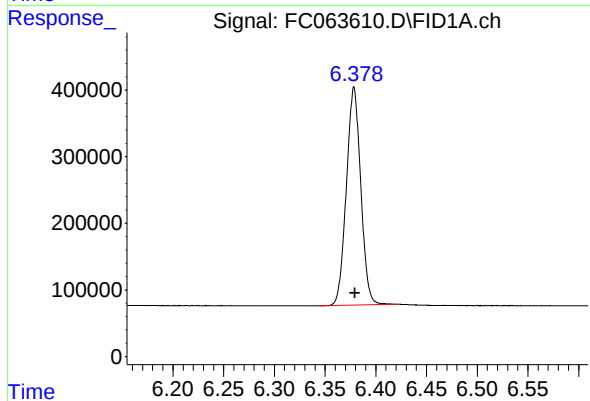
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 3246082
Conc: 20.06 ug/ml



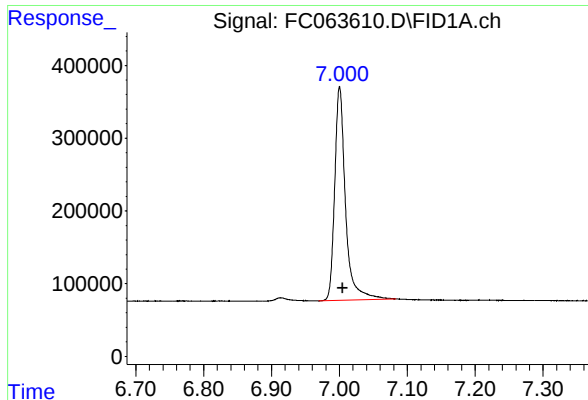
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 3395374
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

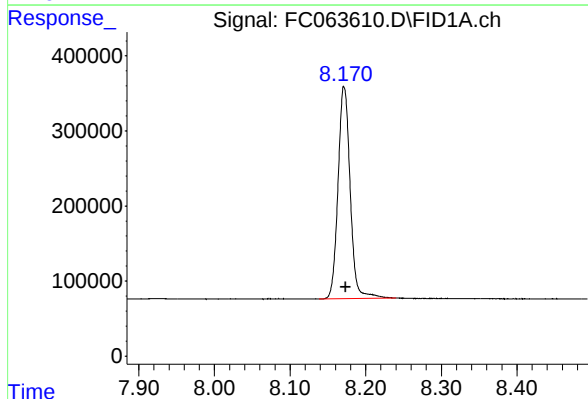
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 3235188
Conc: 19.87 ug/ml



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

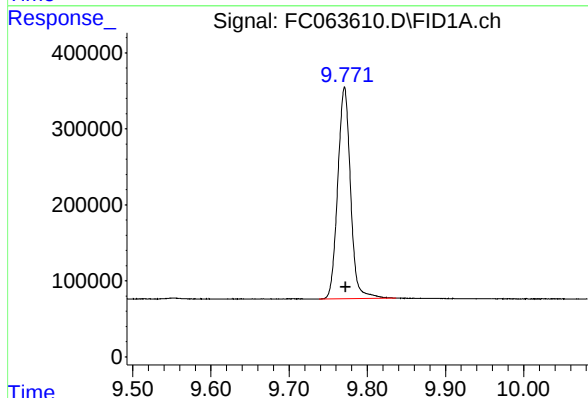
R.T.: 7.000 min
Delta R.T.: -0.004 min
Response: 3257717
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



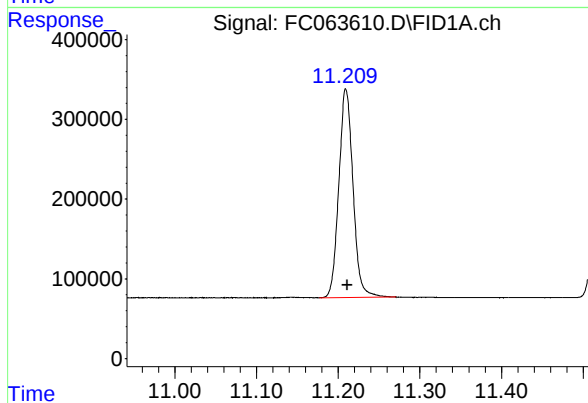
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.002 min
Response: 3154503
Conc: 19.97 ug/ml



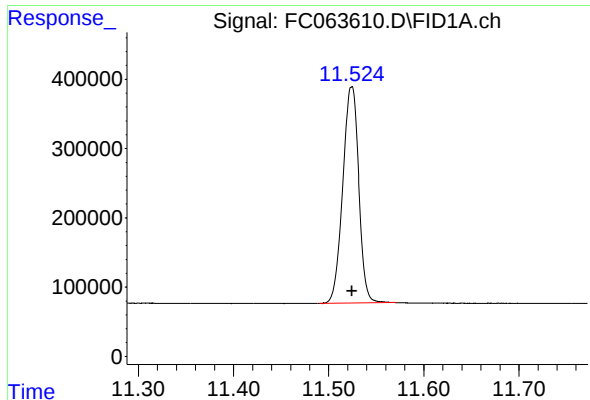
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.001 min
Response: 3165936
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

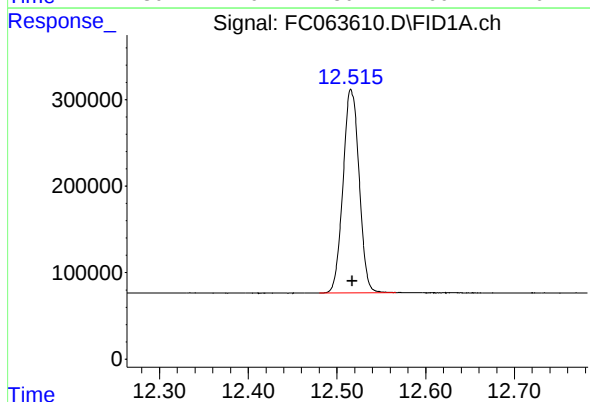
R.T.: 11.209 min
Delta R.T.: -0.002 min
Response: 3159345
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

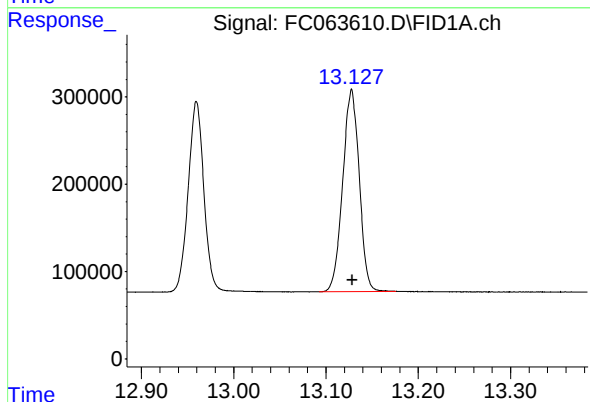
R.T.: 11.524 min
Delta R.T.: 0.000 min
Response: 3647173
Conc: 19.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



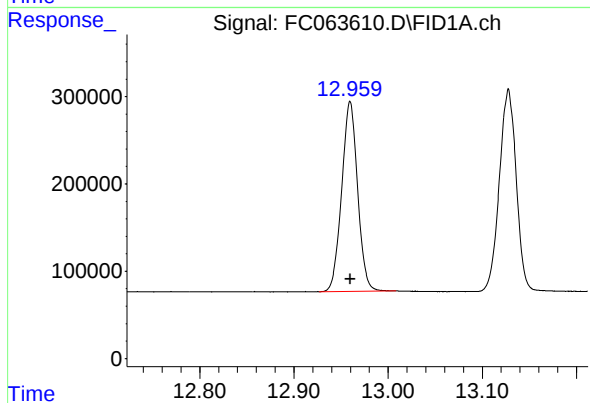
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 2967132
Conc: 19.56 ug/ml



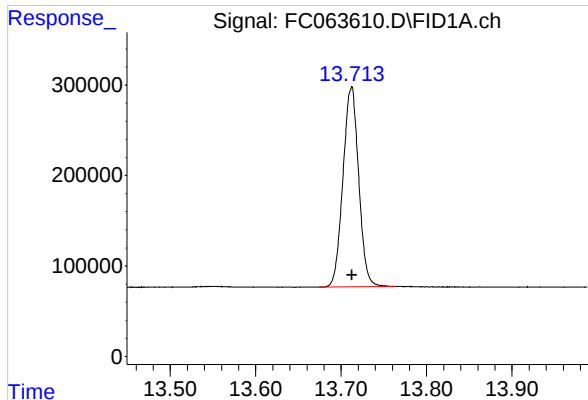
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 2884092
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

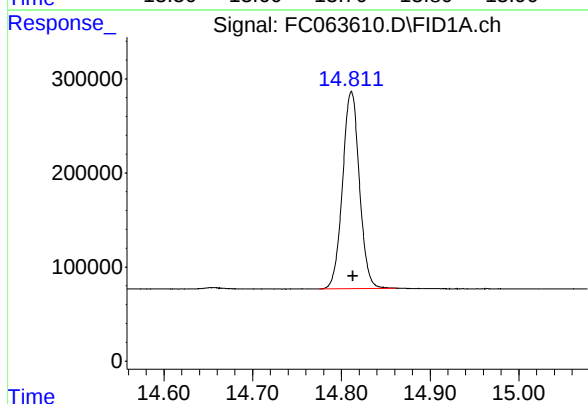
R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 2558417
Conc: 19.54 ug/ml



#13 n-Docosane (C22)

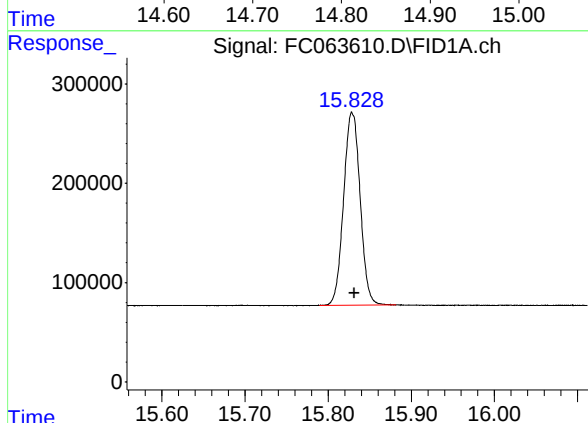
R.T.: 13.712 min
Delta R.T.: 0.000 min
Response: 2823419
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



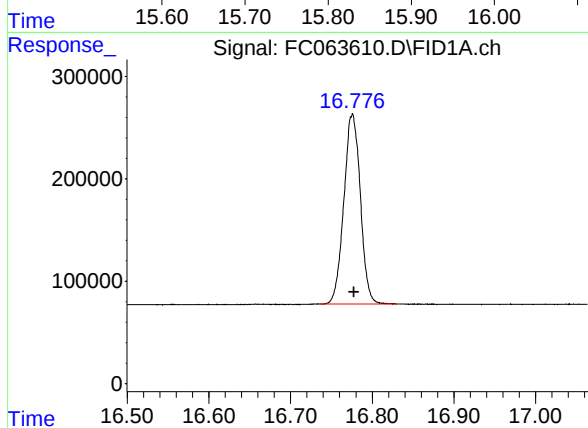
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.002 min
Response: 2760688
Conc: 19.63 ug/ml



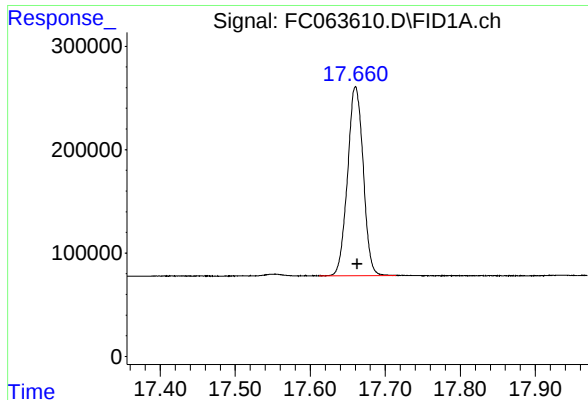
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.002 min
Response: 2692683
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

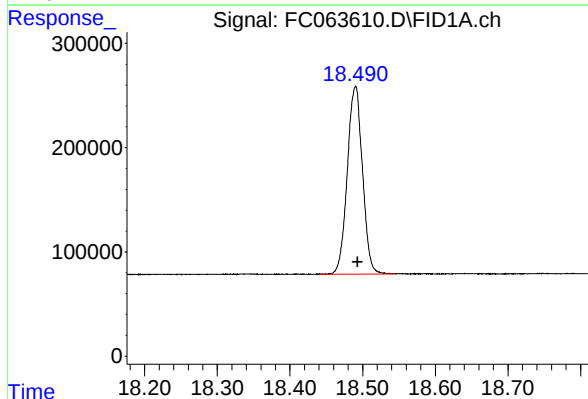
R.T.: 16.776 min
Delta R.T.: -0.002 min
Response: 2606395
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

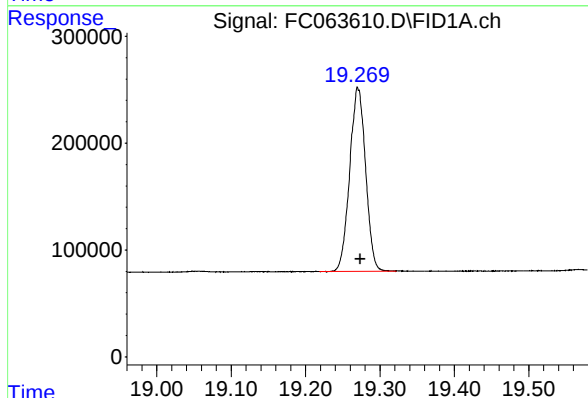
R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 2644514
Conc: 19.67 ug/ml

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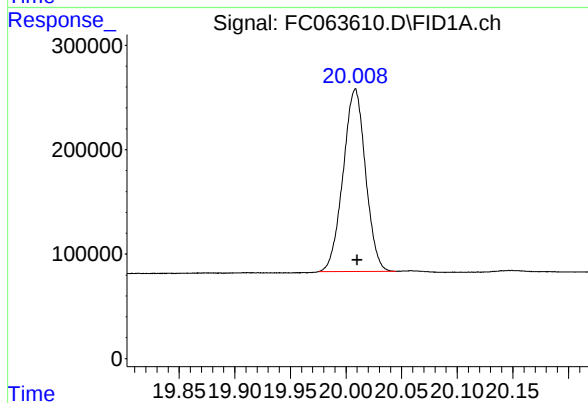
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.003 min
Response: 2611114
Conc: 19.56 ug/ml



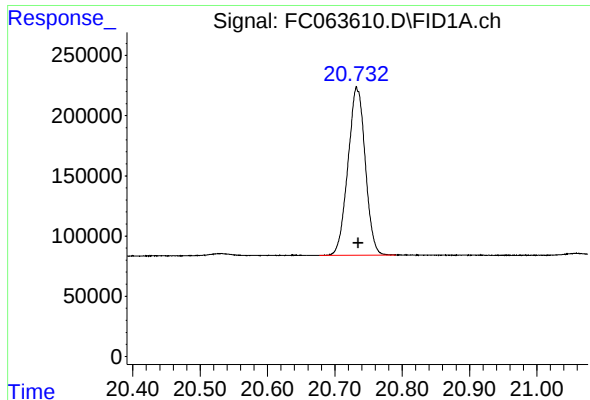
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.003 min
Response: 2552723
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

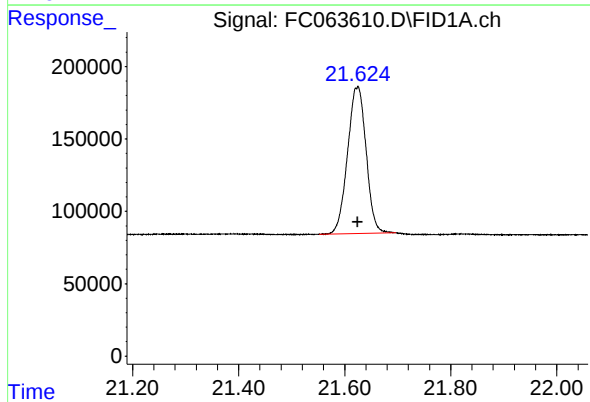
R.T.: 20.008 min
Delta R.T.: -0.002 min
Response: 2451652
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.003 min
Response: 2483620
Conc: 19.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: 0.000 min
Response: 2459418
Conc: 20.01 ug/ml