

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050123AL\
 Data File : FC063488.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2023 08:59
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2023
 Supervised By :Ankita Jodhani 05/02/2023

Integration File: autoint1.e
 Quant Time: May 01 11:51:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.534	3617110	23.774 ug/ml
Spiked Amount 50.000		Recovery =	47.55%
12) S 1-chlorooctadecane (S...	12.971	2477382	22.390 ug/ml
Spiked Amount 50.000		Recovery =	44.78%
Target Compounds			
1) T n-Nonane (C9)	3.298	3180888	22.656 ug/ml
2) T n-Decane (C10)	4.365	3202203	23.499 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3519270	23.306 ug/ml
4) T n-Dodecane (C12)	6.384	3206463	23.835 ug/ml
5) T A~2-methylnaphthalene...	7.007	3250788	23.340 ug/ml
6) T n-Tetradecane (C14)	8.179	3151355	23.279 ug/ml
7) T n-Hexadecane (C16)	9.780	3215501	23.679 ug/ml
8) T n-Octadecane (C18)	11.220	3309097	23.890 ug/ml
10) T n-Eicosane (C20)	12.528	3190796	23.750 ug/ml
11) T n-Heneicosane (C21)	13.139	3194535	23.736 ug/ml
13) T n-Docosane (C22)	13.724	3171520	23.783 ug/ml
14) T n-Tetracosane (C24)	14.825	3222816	23.970 ug/ml
15) T n-Hexacosane (C26)	15.844	3197077	23.885 ug/ml
16) T n-Octacosane (C28)	16.791	3265546	24.117 ug/ml
17) T n-Tricontane (C30)	17.676	3422718	24.743 ug/ml
18) T n-Dotriacontane (C32)	18.507	3469625	24.576 ug/ml
19) T n-Tetratriacontane (C34)	19.289	3157709	22.882 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2664006	20.842 ug/ml
21) T n-Octatriacontane (C38)	20.756	2204251	17.902 ug/ml
22) T n-Tetracontane (C40)	21.651	1844201	15.671 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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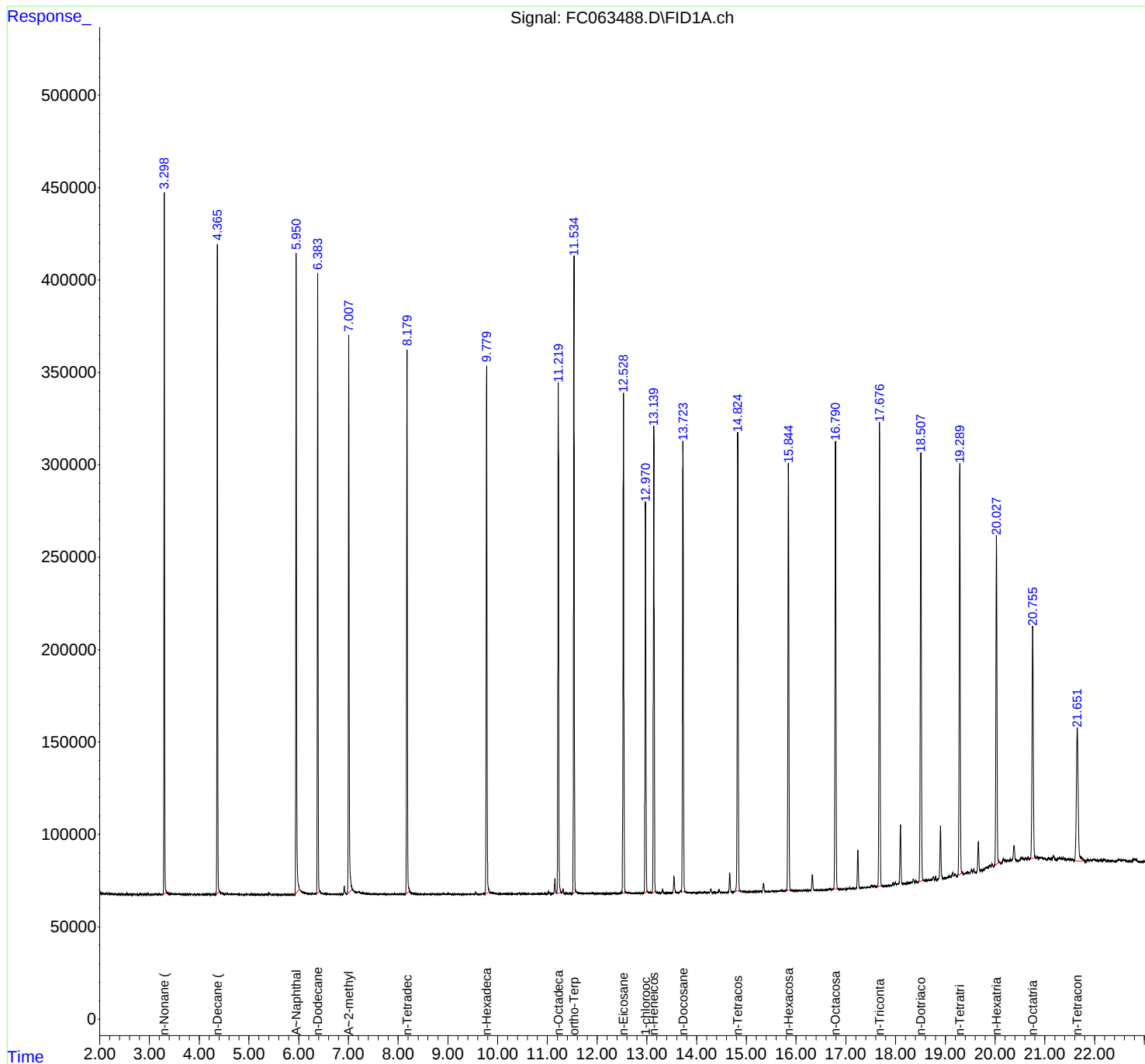
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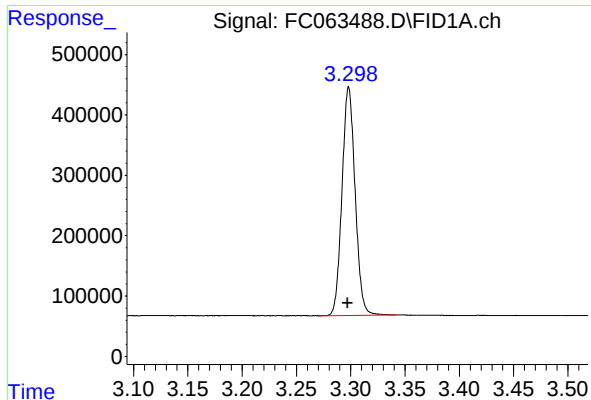
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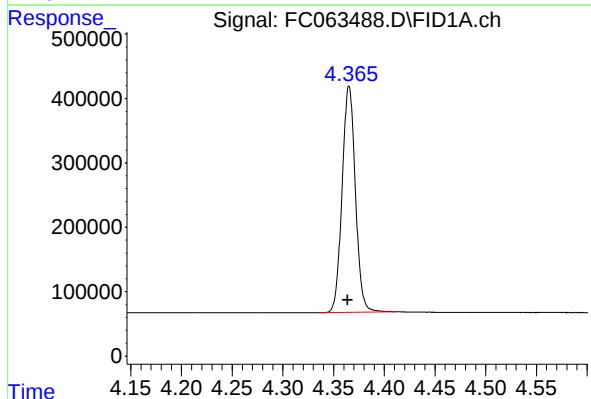
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: 0.001 min
Response: 3180888
Conc: 22.66 ug/ml

Instrument :
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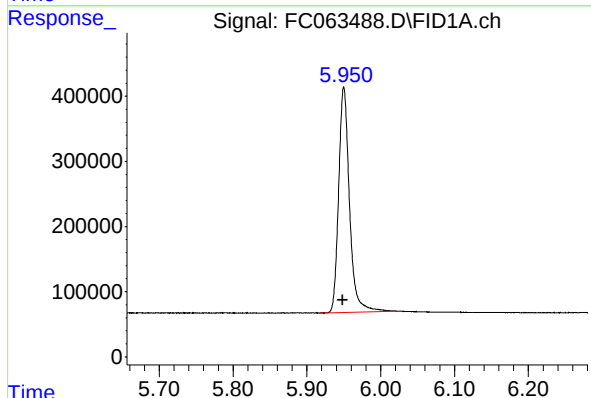
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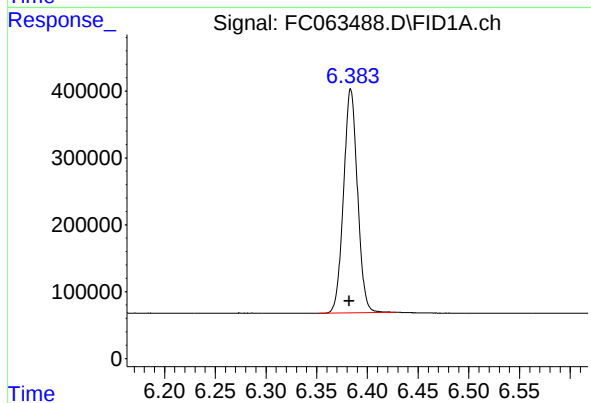
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.002 min
Response: 3202203
Conc: 23.50 ug/ml



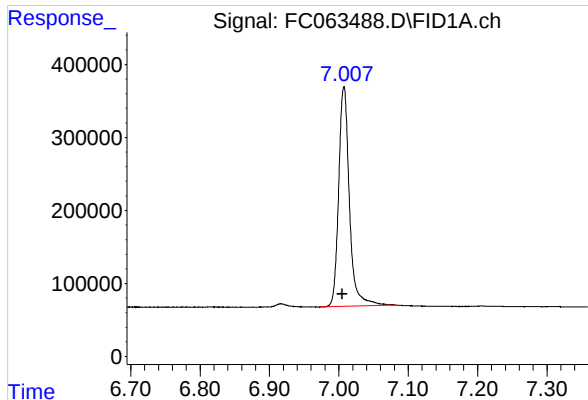
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 3519270
Conc: 23.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 3206463
Conc: 23.84 ug/ml



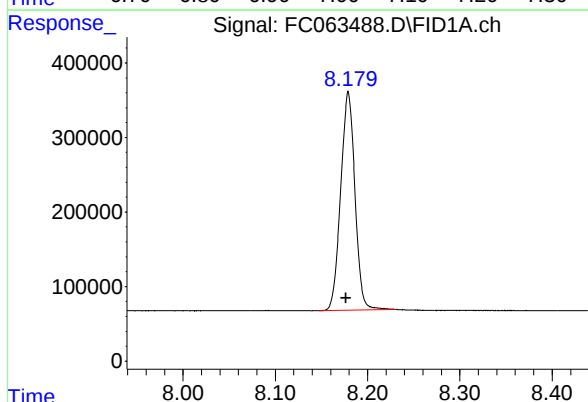
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 3250788
Conc: 23.34 ug/ml

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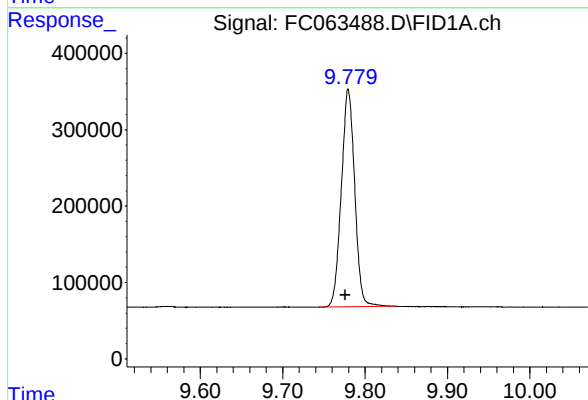
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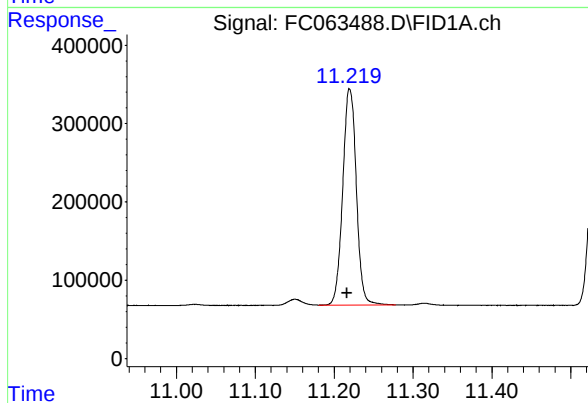
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 3151355
Conc: 23.28 ug/ml



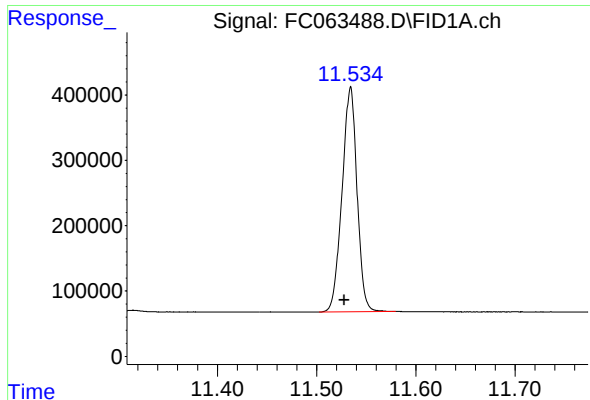
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.004 min
Response: 3215501
Conc: 23.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: 0.004 min
Response: 3309097
Conc: 23.89 ug/ml



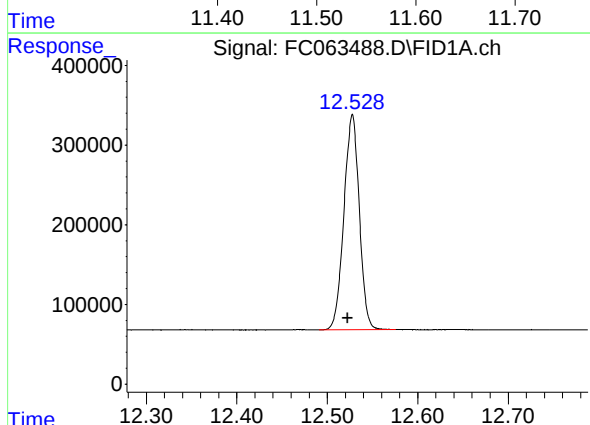
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: 0.006 min
Response: 3617110
Conc: 23.77 ug/ml

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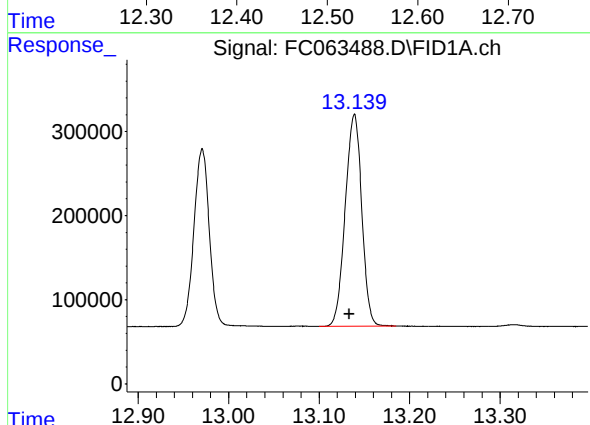
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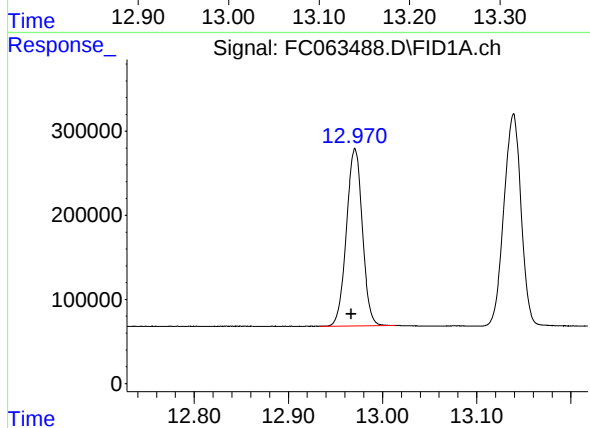
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.005 min
Response: 3190796
Conc: 23.75 ug/ml



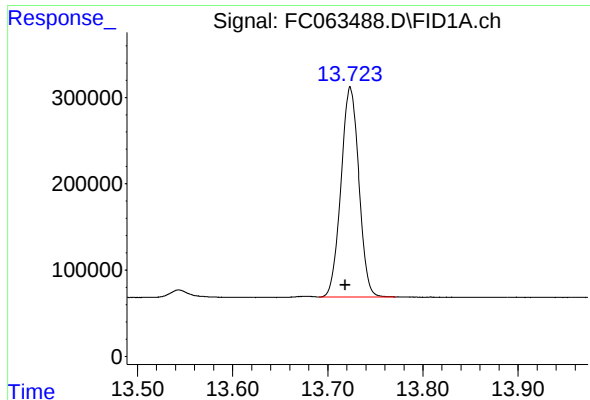
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.006 min
Response: 3194535
Conc: 23.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: 0.004 min
Response: 2477382
Conc: 22.39 ug/ml



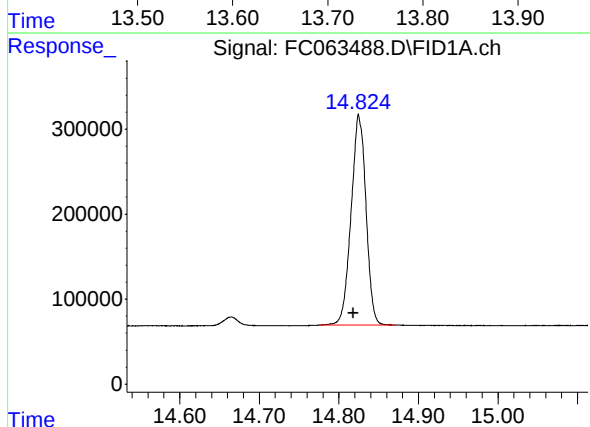
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: 0.005 min
Response: 3171520
Conc: 23.78 ug/ml

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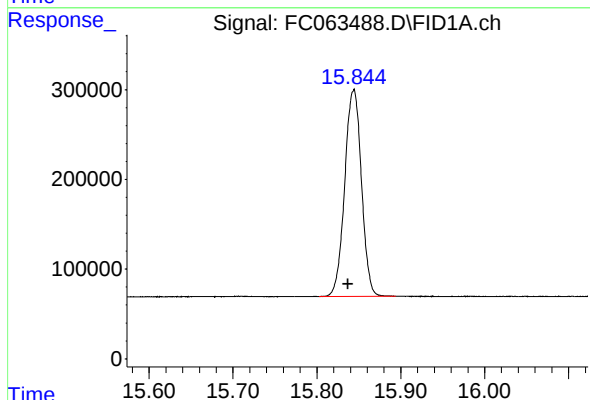
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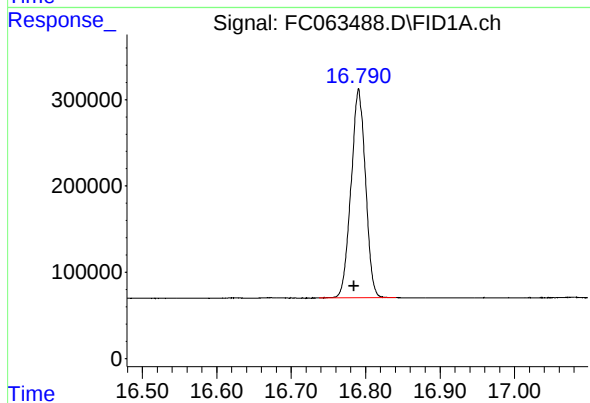
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.007 min
Response: 3222816
Conc: 23.97 ug/ml



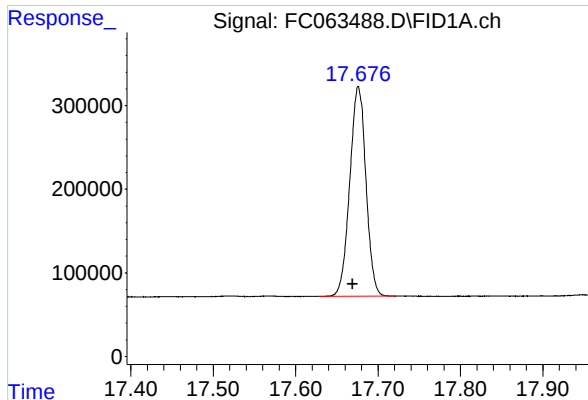
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.007 min
Response: 3197077
Conc: 23.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: 0.006 min
Response: 3265546
Conc: 24.12 ug/ml



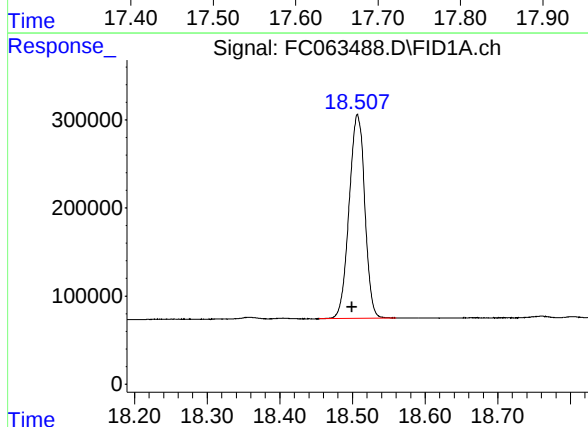
#17 n-Tricontane (C30)

R.T.: 17.676 min
Delta R.T.: 0.007 min
Response: 3422718
Conc: 24.74 ug/ml

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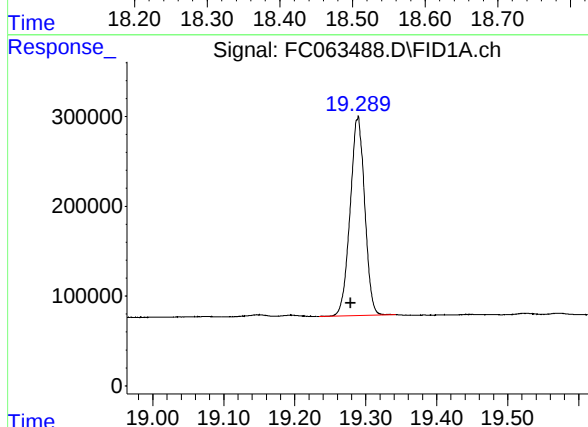
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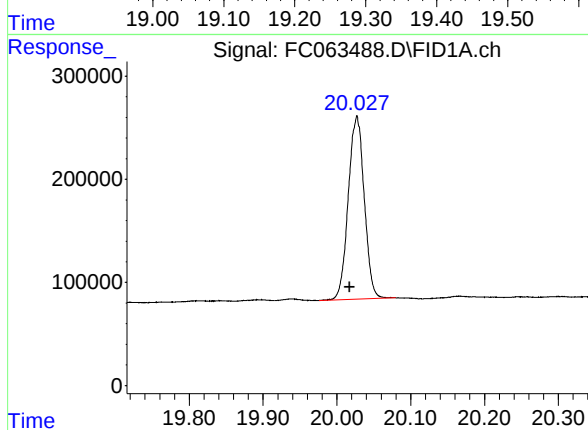
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.008 min
Response: 3469625
Conc: 24.58 ug/ml



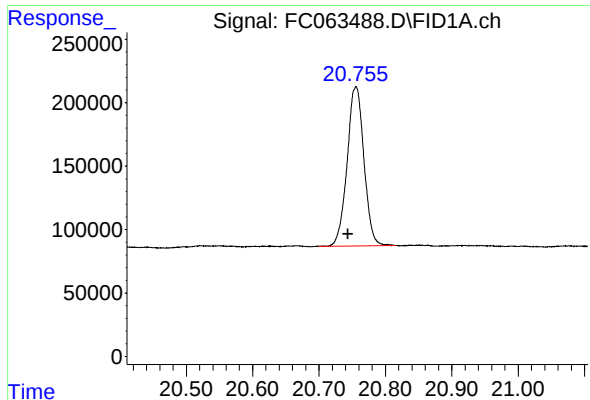
#19 n-Tetatriacontane (C34)

R.T.: 19.289 min
Delta R.T.: 0.010 min
Response: 3157709
Conc: 22.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.027 min
Delta R.T.: 0.010 min
Response: 2664006
Conc: 20.84 ug/ml



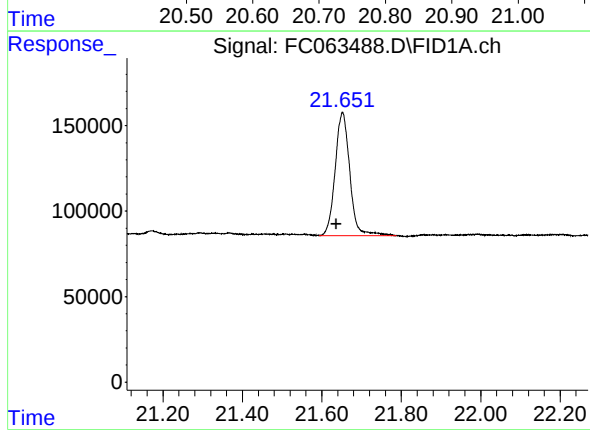
#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: 0.012 min
Response: 2204251
Conc: 17.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.651 min
Delta R.T.: 0.014 min
Response: 1844201
Conc: 15.67 ug/ml m