

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050124AL\
 Data File : FC066277.D
 Signal(s) : FID1A.ch
 Acq On : 01 May 2024 13:42
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 02 08:56:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 08:48:13 2024
 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)	11.567	8140027	47.891 ug/ml
Spiked Amount 50.000		Recovery =	95.78%
12) S 1-chlorooctadecane (S...	13.006	5968059	47.979 ug/ml
Spiked Amount 50.000		Recovery =	95.96%
Target Compounds			
1) T n-Nonane (C9)	3.325	7512037	47.898 ug/ml
2) T n-Decane (C10)	4.390	7660331	47.886 ug/ml
3) T A~Naphthalene (C11.7)	5.972	8446566	47.804 ug/ml
4) T n-Dodecane (C12)	6.409	7654563	47.992 ug/ml
5) T A~2-methylnaphthalene...	7.029	8206923	47.897 ug/ml
6) T n-Tetradecane (C14)	8.206	7450893	47.978 ug/mlm
7) T n-Hexadecane (C16)	9.808	7539129	47.889 ug/ml
8) T n-Octadecane (C18)	11.253	7434526	47.911 ug/ml
10) T n-Eicosane (C20)	12.561	7002346	48.013 ug/ml
11) T n-Heneicosane (C21)	13.174	6834099	48.055 ug/ml
13) T n-Docosane (C22)	13.760	6746177	48.110 ug/ml
14) T n-Tetracosane (C24)	14.863	6617413	48.157 ug/ml
15) T n-Hexacosane (C26)	15.885	6394617	48.193 ug/ml
16) T n-Octacosane (C28)	16.835	6179293	48.136 ug/ml
17) T n-Tricontane (C30)	17.723	6123095	47.910 ug/ml
18) T n-Dotriacontane (C32)	18.558	5850107	47.798 ug/mlm
19) T n-Tetratriacontane (C34)	19.342	5567978	47.772 ug/ml
20) T n-Hexatriacontane (C36)	20.081	5757459	48.693 ug/mlm
21) T n-Octatriacontane (C38)	20.819	5210623	47.819 ug/ml
22) T n-Tetracontane (C40)	21.731	5200078	48.060 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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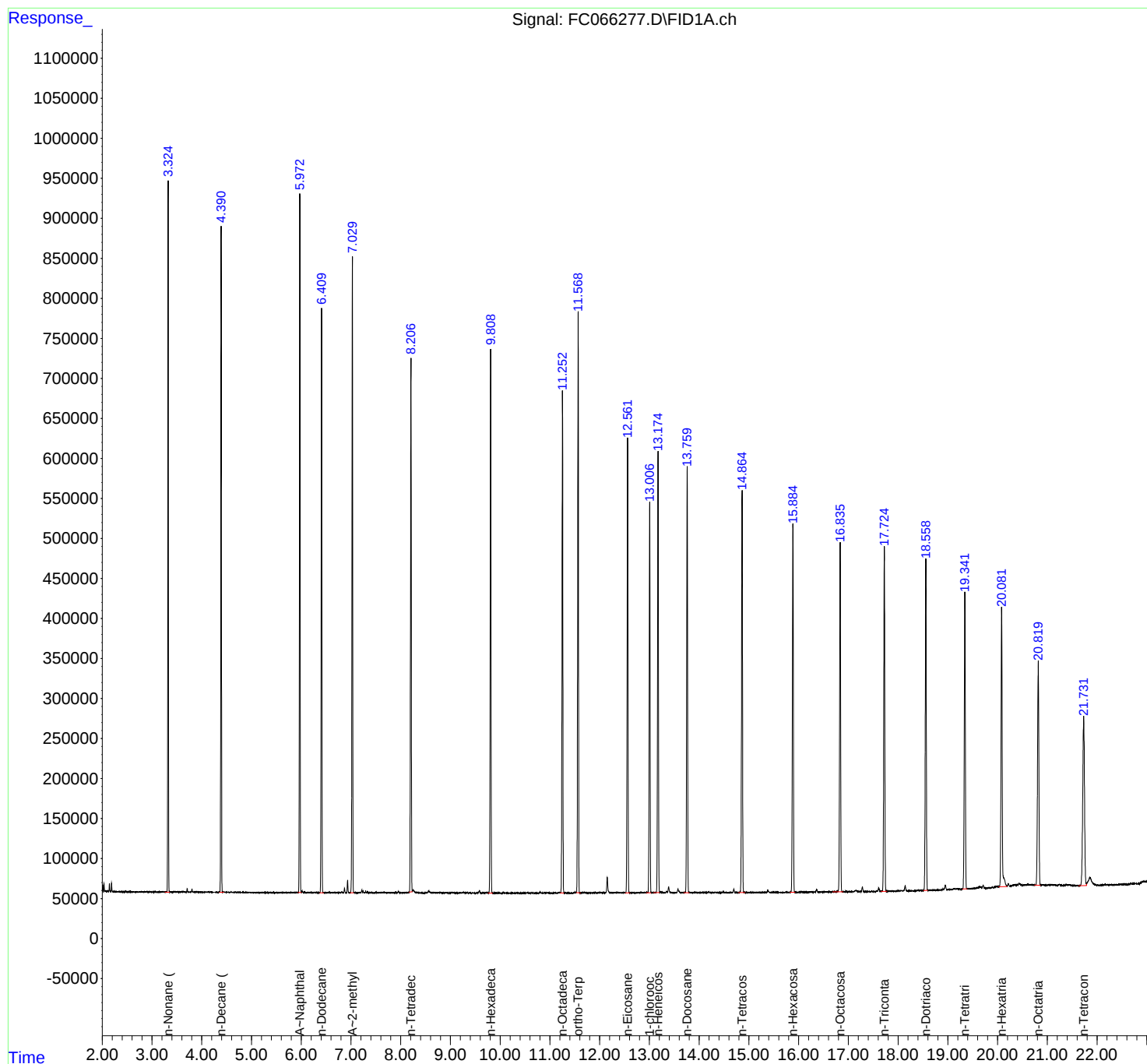
Instrument :
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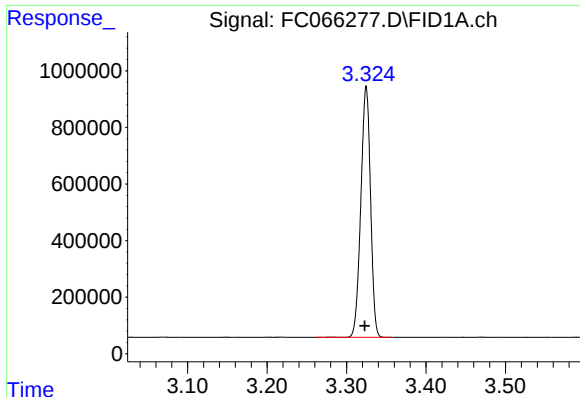
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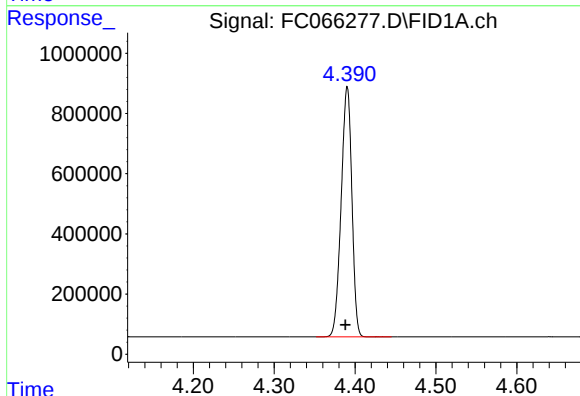
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 7512037
Conc: 47.90 ug/ml

Instrument :
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ClientSampleId :
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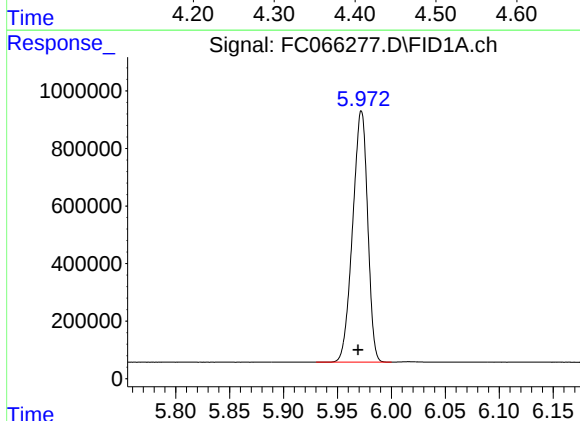
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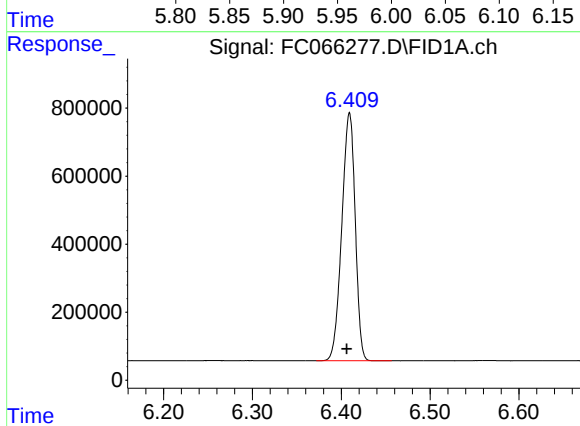
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: 0.002 min
Response: 7660331
Conc: 47.89 ug/ml



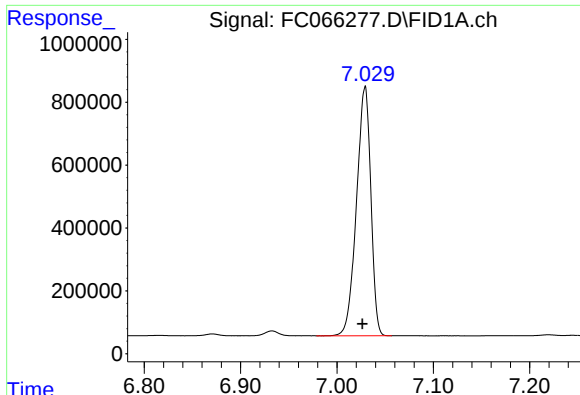
#3 A~Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 8446566
Conc: 47.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.409 min
Delta R.T.: 0.003 min
Response: 7654563
Conc: 47.99 ug/ml



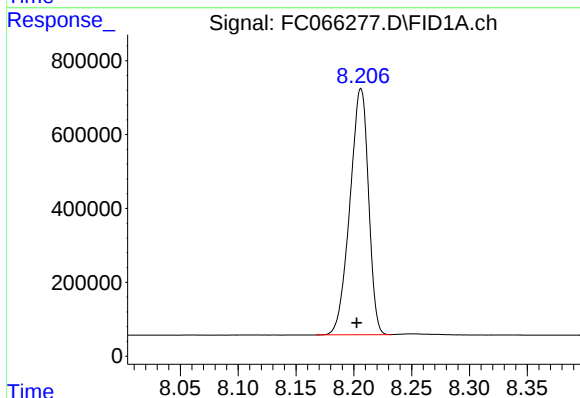
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: 0.002 min
Response: 8206923
Conc: 47.90 ug/ml

Instrument :
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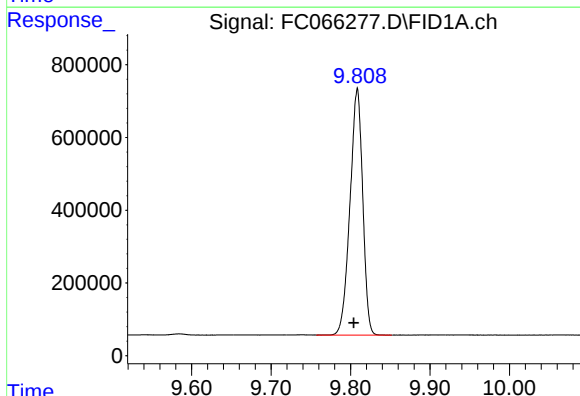
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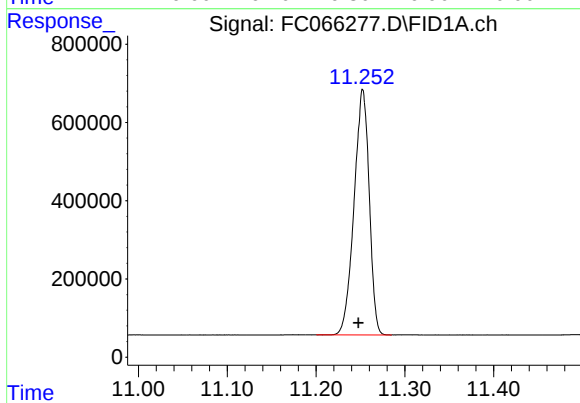
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: 0.003 min
Response: 7450893
Conc: 47.98 ug/ml m



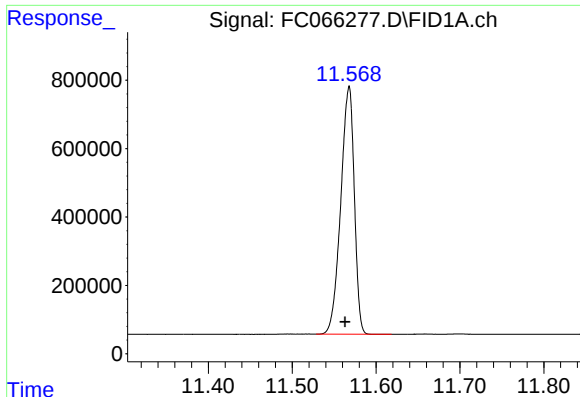
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: 0.004 min
Response: 7539129
Conc: 47.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.253 min
Delta R.T.: 0.005 min
Response: 7434526
Conc: 47.91 ug/ml



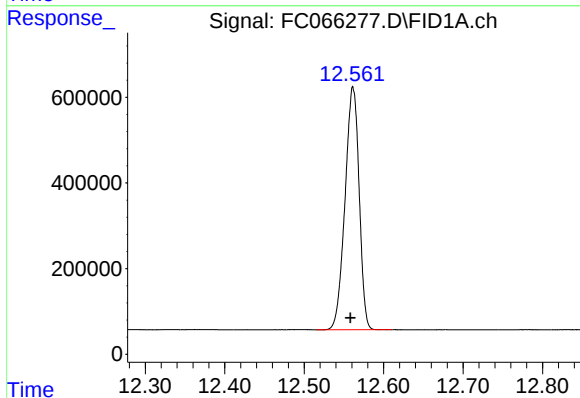
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: 0.005 min
Response: 8140027
Conc: 47.89 ug/ml

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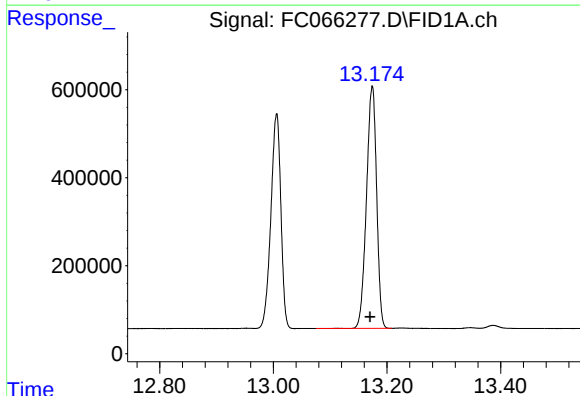
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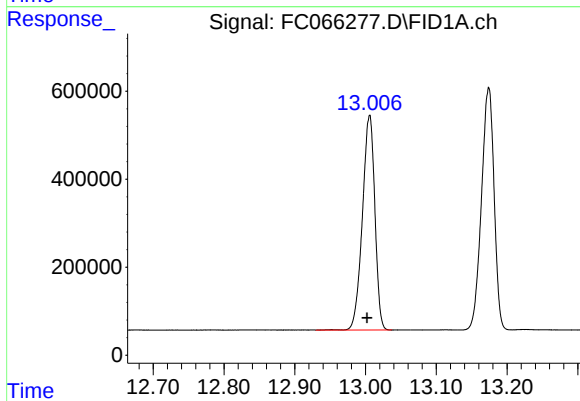
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: 0.003 min
Response: 7002346
Conc: 48.01 ug/ml



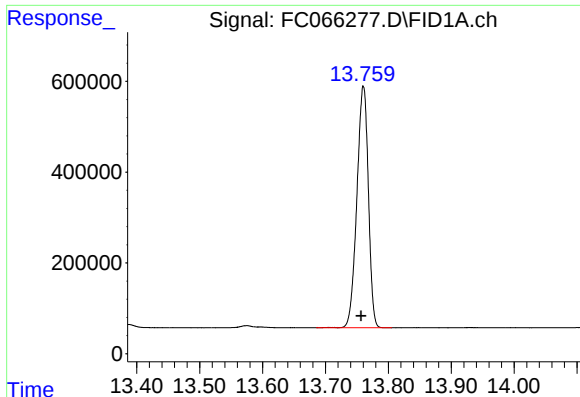
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.003 min
Response: 6834099
Conc: 48.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.006 min
Delta R.T.: 0.003 min
Response: 5968059
Conc: 47.98 ug/ml



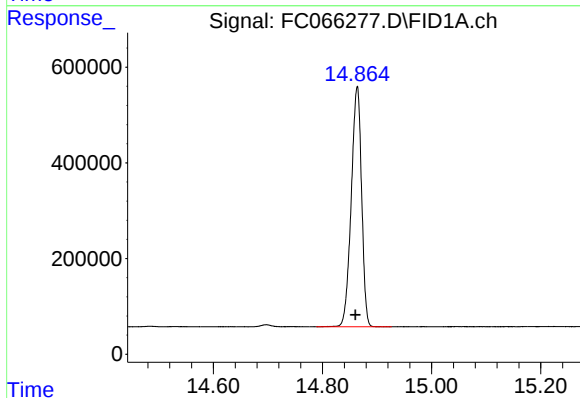
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: 0.003 min
Response: 6746177
Conc: 48.11 ug/ml

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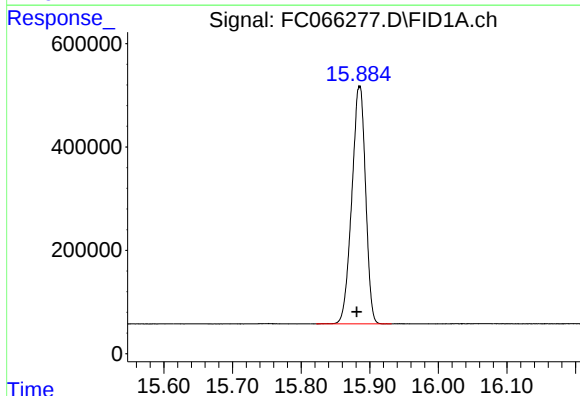
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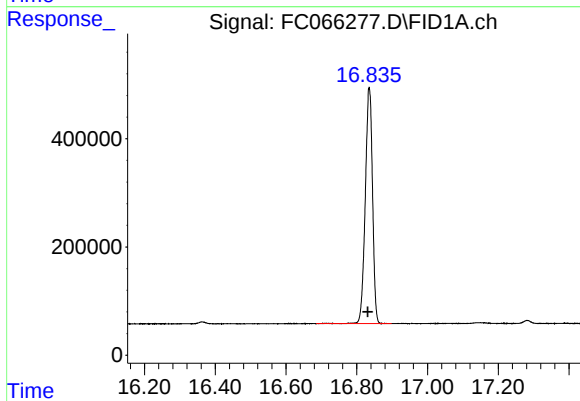
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: 0.003 min
Response: 6617413
Conc: 48.16 ug/ml



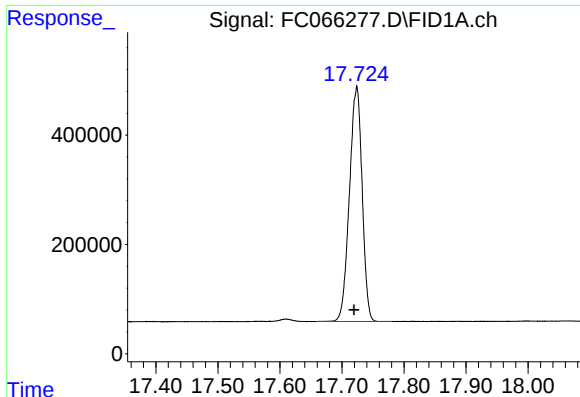
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.004 min
Response: 6394617
Conc: 48.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: 0.004 min
Response: 6179293
Conc: 48.14 ug/ml



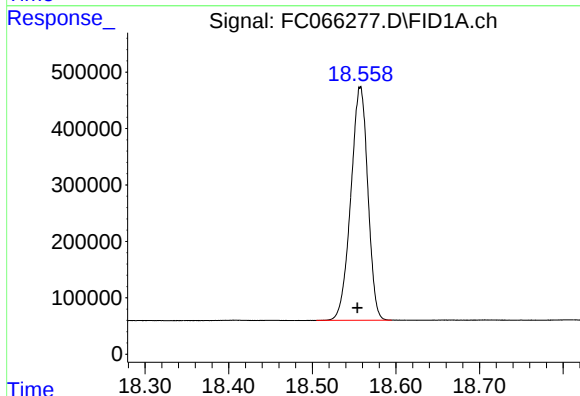
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: 0.004 min
Response: 6123095
Conc: 47.91 ug/ml

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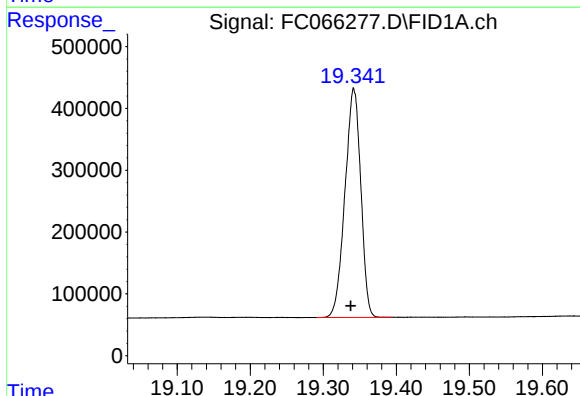
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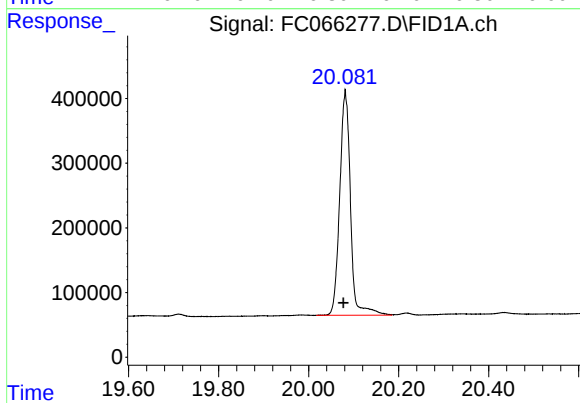
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.004 min
Response: 5850107
Conc: 47.80 ug/ml m



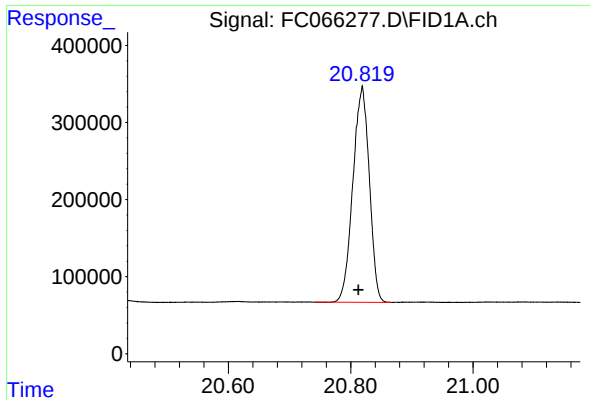
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.004 min
Response: 5567978
Conc: 47.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: 0.003 min
Response: 5757459
Conc: 48.69 ug/ml m



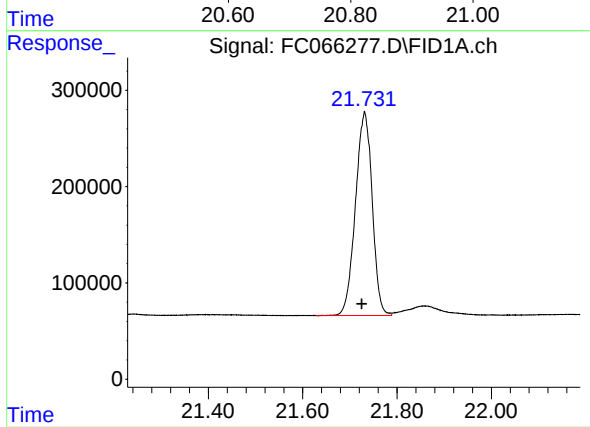
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.006 min
Response: 5210623
Conc: 47.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.731 min
Delta R.T.: 0.006 min
Response: 5200078
Conc: 48.06 ug/ml