

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111824AL\
 Data File : FC067798.D
 Signal(s) : FID1A.ch
 Acq On : 18 Nov 2024 08:49
 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: sample.E
 Quant Time: Nov 19 04:53:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.489	3958885	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	12.927	2924013	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
Target Compounds			
1) T n-Nonane (C9)	3.272	3459281	21.208 ug/ml
2) T n-Decane (C10)	4.334	3559808	21.466 ug/ml
3) T A~Naphthalene (C11.7)	5.910	3948333	21.557 ug/ml
4) T n-Dodecane (C12)	6.348	3647108	21.654 ug/ml
5) T A~2-methylnaphthalene...	6.965	3837573	21.638 ug/ml
6) T n-Tetradecane (C14)	8.140	3630402	21.678 ug/ml
7) T n-Hexadecane (C16)	9.738	3703913	21.373 ug/ml
8) T n-Octadecane (C18)	11.178	3680329	20.918 ug/ml
10) T n-Eicosane (C20)	12.486	3455398	20.521 ug/ml
11) T n-Heneicosane (C21)	13.096	3338251	20.289 ug/ml
13) T n-Docosane (C22)	13.682	3335146	20.479 ug/ml
14) T n-Tetracosane (C24)	14.783	3363285	20.970 ug/ml
15) T n-Hexacosane (C26)	15.802	3278046	21.168 ug/ml
16) T n-Octacosane (C28)	16.750	3206499	21.232 ug/ml
17) T n-Tricontane (C30)	17.637	3143634	20.532 ug/ml
18) T n-Dotriacontane (C32)	18.467	2945077	19.941 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2491237	19.751 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2130772	20.373 ug/ml
21) T n-Octatriacontane (C38)	20.709	1988733	20.359 ug/ml
22) T n-Tetracontane (C40)	21.591	1960317	20.113 ug/ml

(f)=RT Delta > 1/2 Window

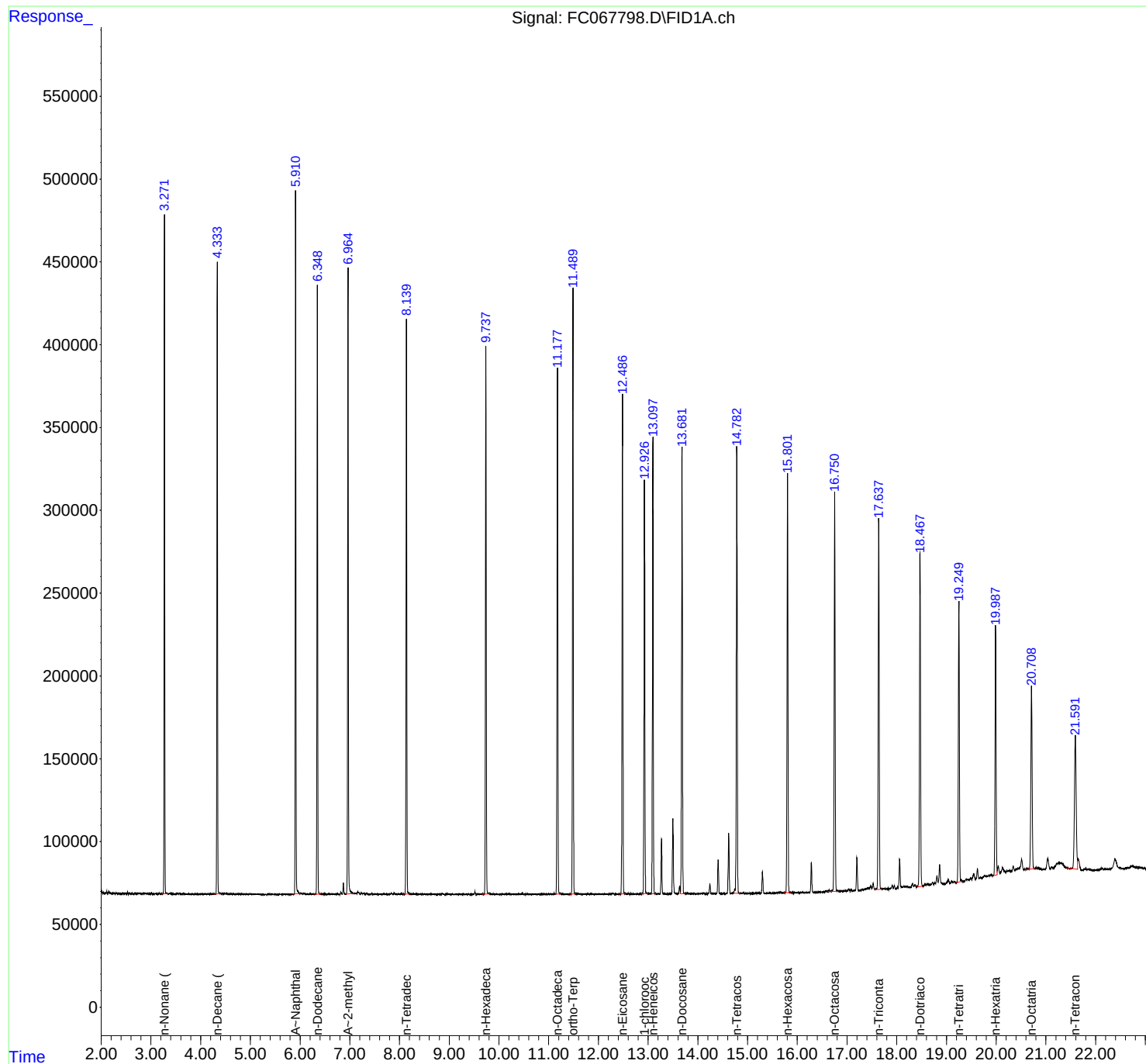
(m)=manual int.

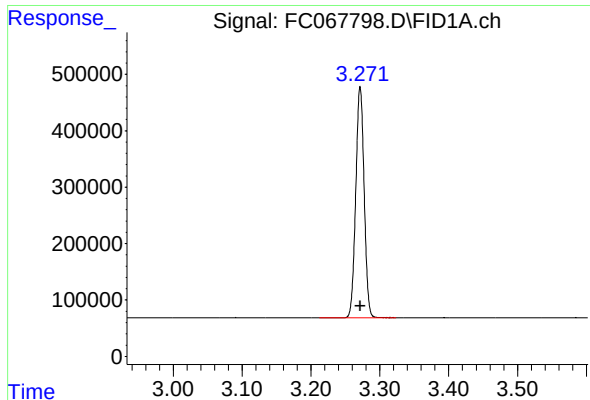
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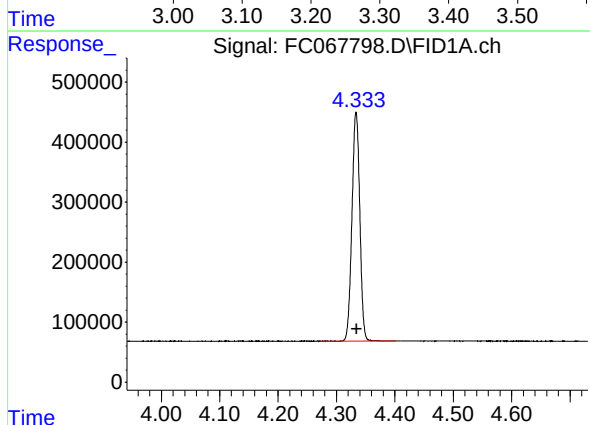




#1 n-Nonane (C9)

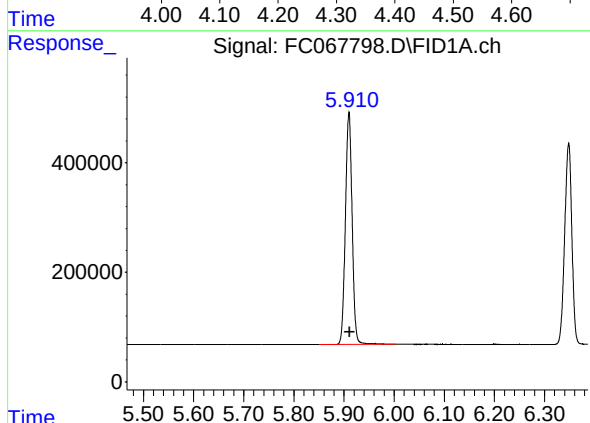
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 3459281
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



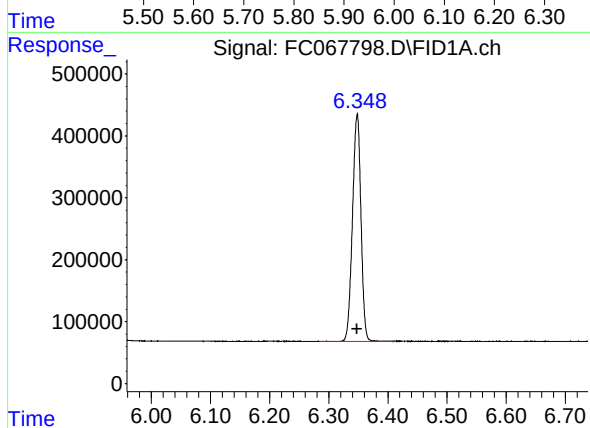
#2 n-Decane (C10)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3559808
Conc: 21.47 ug/ml



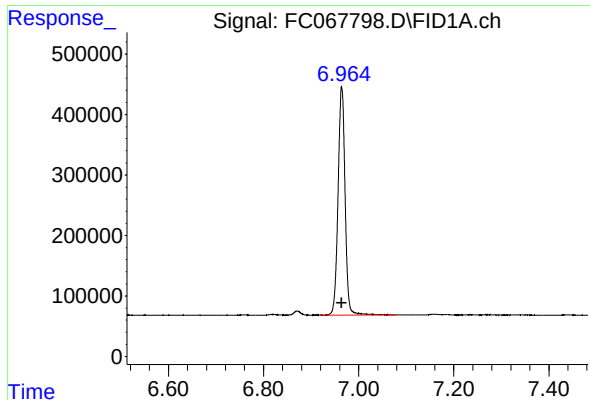
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 3948333
Conc: 21.56 ug/ml



#4 n-Dodecane (C12)

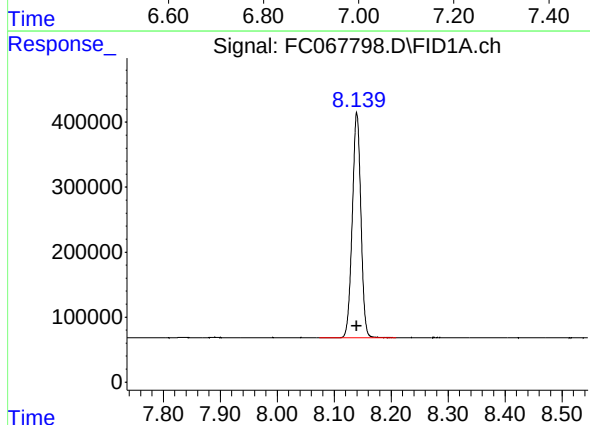
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 3647108
Conc: 21.65 ug/ml



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

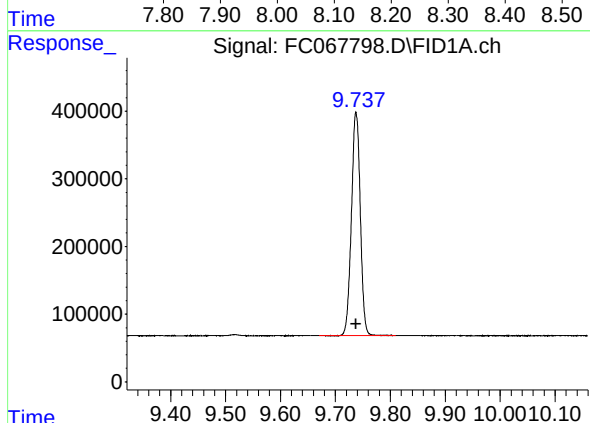
R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 3837573
Conc: 21.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



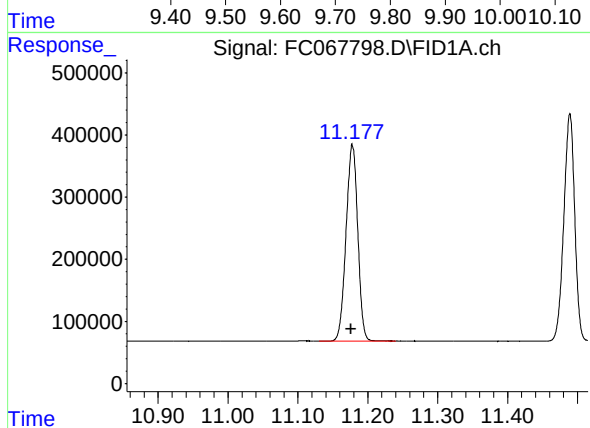
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 3630402
Conc: 21.68 ug/ml



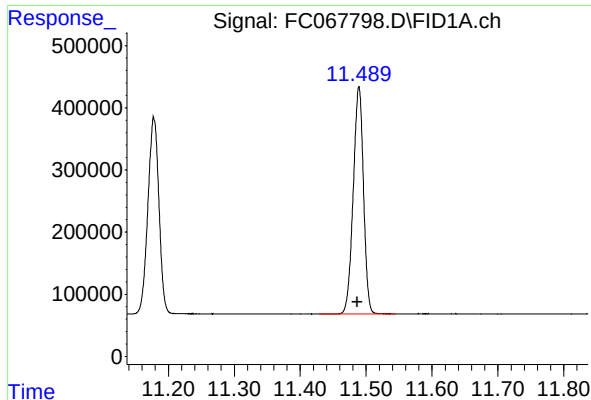
#7 n-Hexadecane (C16)

R.T.: 9.738 min
Delta R.T.: 0.000 min
Response: 3703913
Conc: 21.37 ug/ml



#8 n-Octadecane (C18)

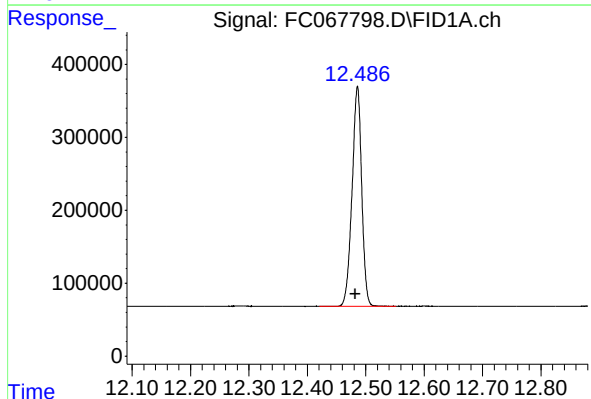
R.T.: 11.178 min
Delta R.T.: 0.002 min
Response: 3680329
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

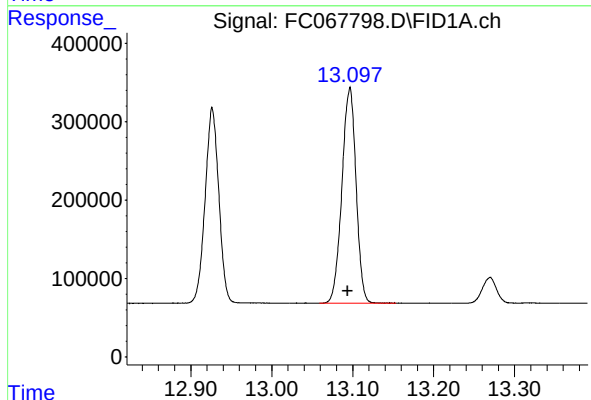
R.T.: 11.489 min
Delta R.T.: 0.003 min
Response: 3958885
Conc: 20.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



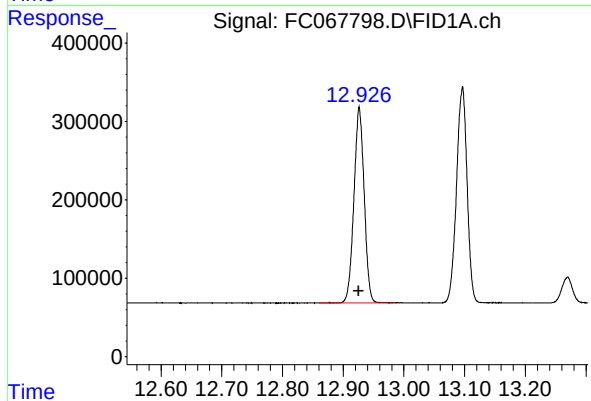
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.004 min
Response: 3455398
Conc: 20.52 ug/ml



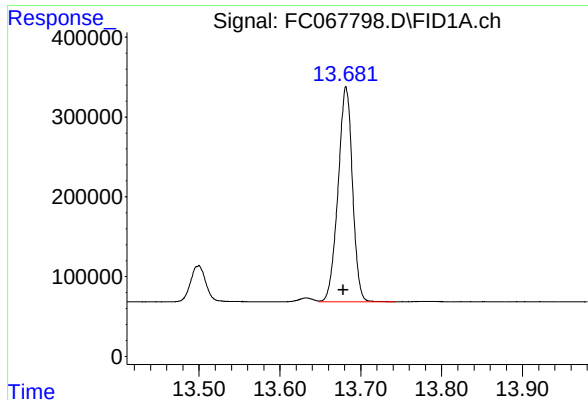
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.003 min
Response: 3338251
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

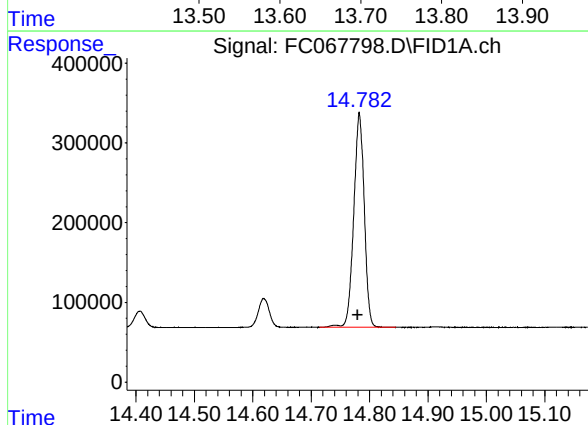
R.T.: 12.927 min
Delta R.T.: 0.000 min
Response: 2924013
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

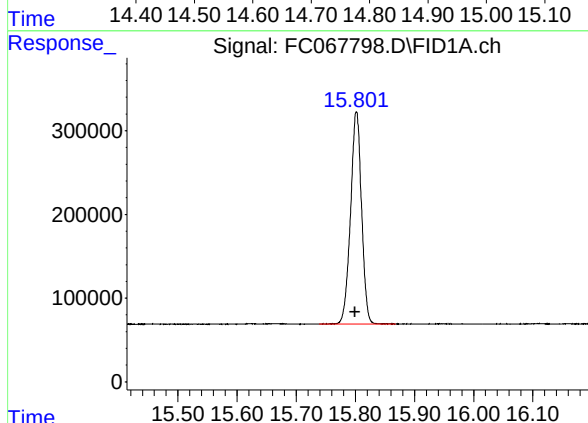
R.T.: 13.682 min
Delta R.T.: 0.003 min
Response: 3335146
Conc: 20.48 ug/ml

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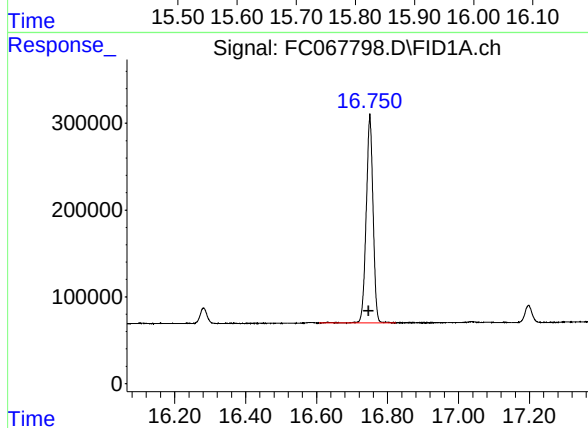
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.003 min
Response: 3363285
Conc: 20.97 ug/ml



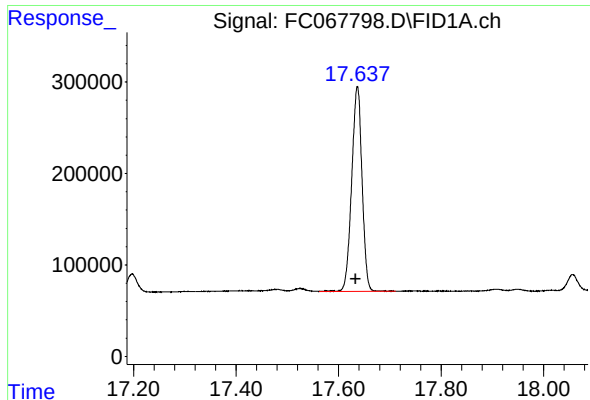
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: 0.002 min
Response: 3278046
Conc: 21.17 ug/ml



#16 n-Octacosane (C28)

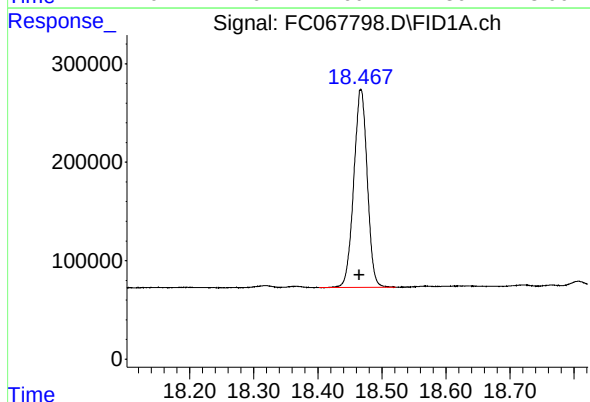
R.T.: 16.750 min
Delta R.T.: 0.003 min
Response: 3206499
Conc: 21.23 ug/ml



#17 n-Tricontane (C30)

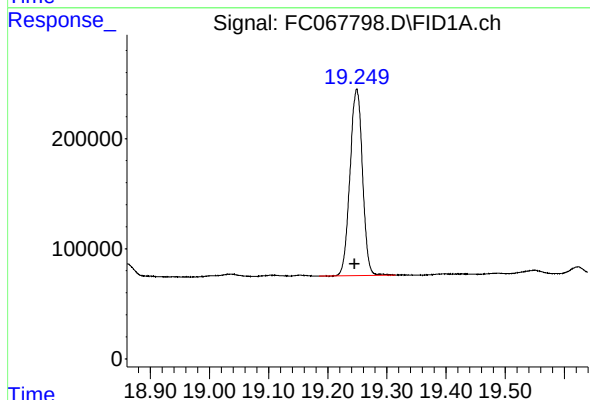
R.T.: 17.637 min
Delta R.T.: 0.003 min
Response: 3143634
Conc: 20.53 ug/ml

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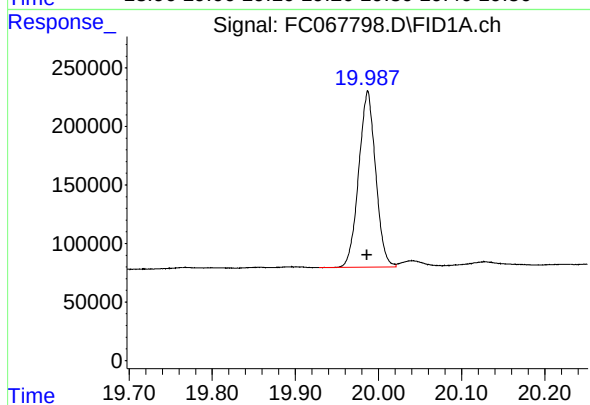
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: 0.002 min
Response: 2945077
Conc: 19.94 ug/ml



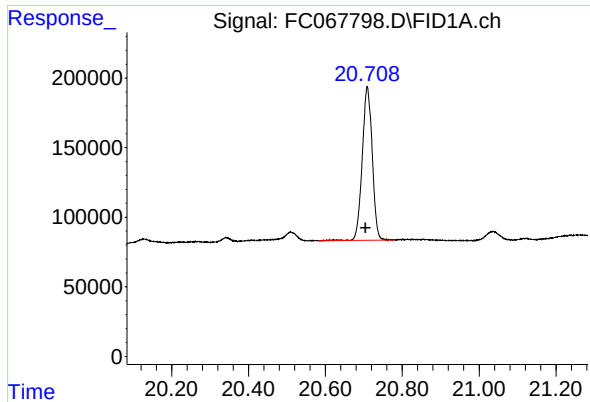
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: 0.003 min
Response: 2491237
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

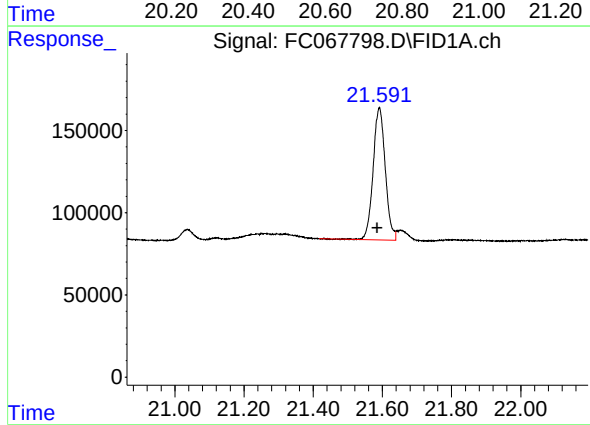
R.T.: 19.987 min
Delta R.T.: 0.000 min
Response: 2130772
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.004 min
Response: 1988733
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: 0.006 min
Response: 1960317
Conc: 20.11 ug/ml