

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012825AL\
 Data File : FC068141.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 21:12
 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: Jan 29 00:46:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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)	11.425	2888212	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	12.866	2146239	18.662 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.230	2552300	18.639 ug/ml
2) T n-Decane (C10)	4.289	2618993	18.864 ug/ml
3) T A~Naphthalene (C11.7)	5.857	2831973	18.864 ug/ml
4) T n-Dodecane (C12)	6.298	2617117	18.734 ug/ml
5) T A~2-methylnaphthalene...	6.910	2713564	18.892 ug/ml
6) T n-Tetradecane (C14)	8.086	2554107	18.714 ug/ml
7) T n-Hexadecane (C16)	9.681	2597608	18.695 ug/ml
8) T n-Octadecane (C18)	11.119	2609291	18.649 ug/ml
10) T n-Eicosane (C20)	12.425	2489966	18.609 ug/ml
11) T n-Heneicosane (C21)	13.035	2439971	18.578 ug/ml
13) T n-Docosane (C22)	13.620	2410985	18.613 ug/ml
14) T n-Tetracosane (C24)	14.721	2381382	18.549 ug/ml
15) T n-Hexacosane (C26)	15.739	2350657	18.680 ug/ml
16) T n-Octacosane (C28)	16.687	2383012	19.053 ug/ml
17) T n-Tricontane (C30)	17.573	2543730	19.680 ug/ml
18) T n-Dotriacontane (C32)	18.404	2506302	20.049 ug/ml
19) T n-Tetratriacontane (C34)	19.186	2179135	20.089 ug/ml
20) T n-Hexatriacontane (C36)	19.924	1837859	19.859 ug/ml
21) T n-Octatriacontane (C38)	20.639	1692566	19.753 ug/ml
22) T n-Tetracontane (C40)	21.501	1616792	19.995 ug/ml

(f)=RT Delta > 1/2 Window

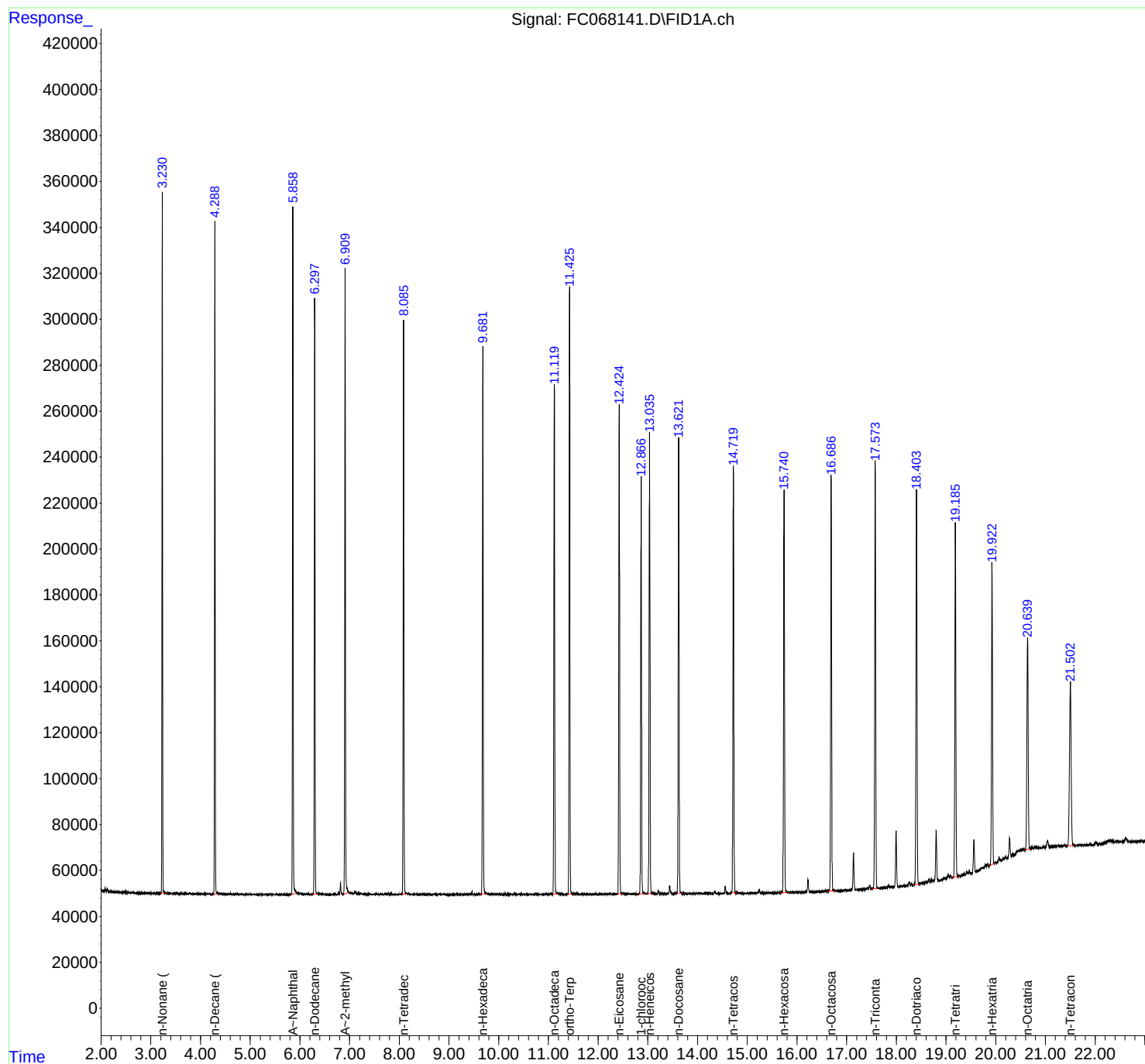
(m)=manual int.

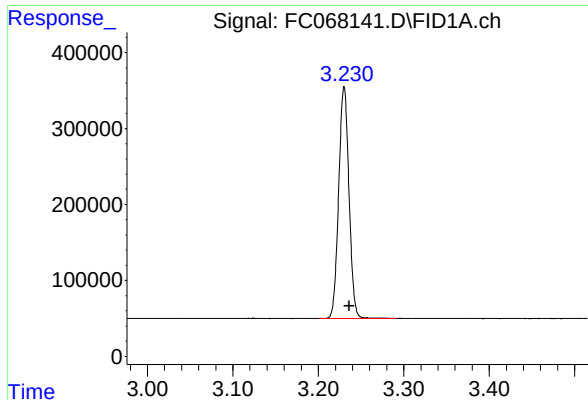
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012825AL\
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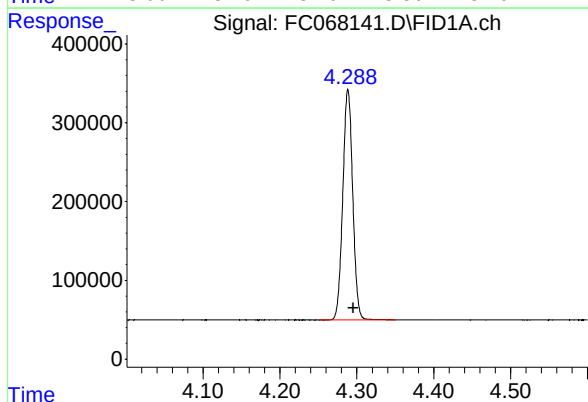




#1 n-Nonane (C9)

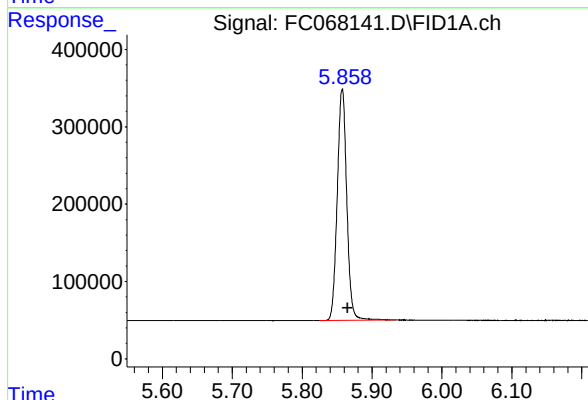
R.T.: 3.230 min
Delta R.T.: -0.006 min
Response: 2552300
Conc: 18.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



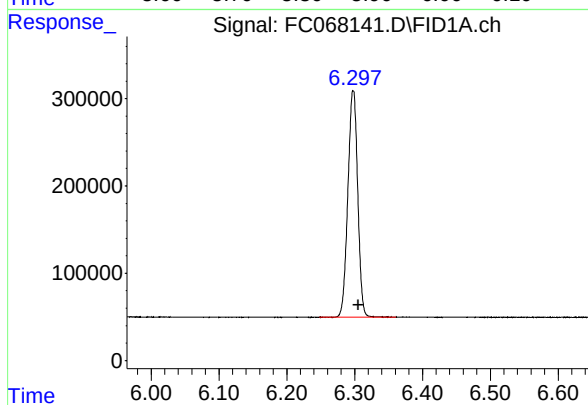
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.007 min
Response: 2618993
Conc: 18.86 ug/ml



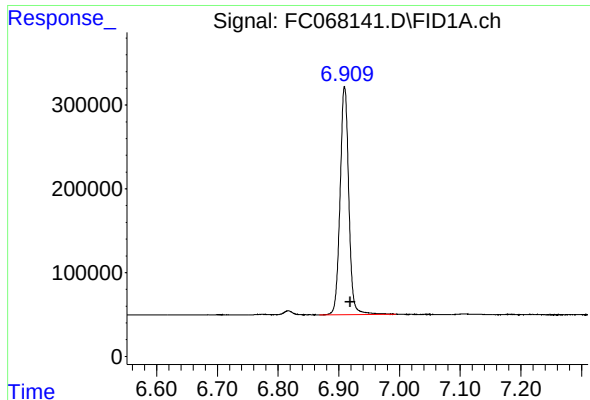
#3 A~Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.008 min
Response: 2831973
Conc: 18.86 ug/ml



#4 n-Dodecane (C12)

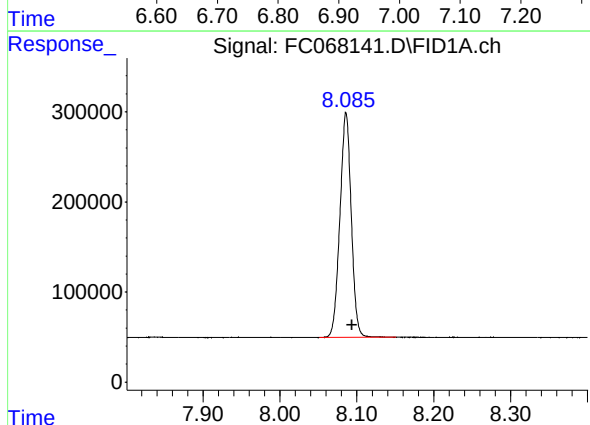
R.T.: 6.298 min
Delta R.T.: -0.008 min
Response: 2617117
Conc: 18.73 ug/ml



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

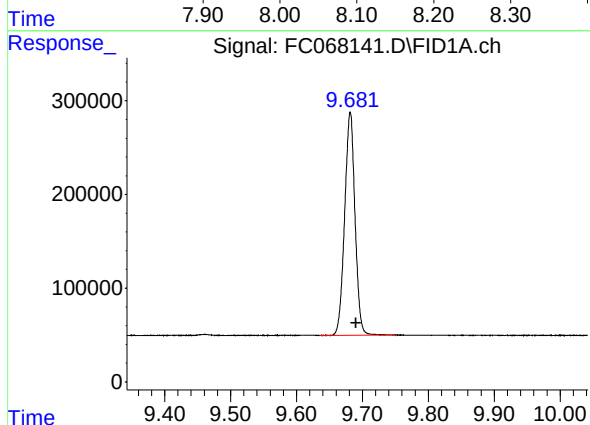
R.T.: 6.910 min
Delta R.T.: -0.010 min
Response: 2713564
Conc: 18.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



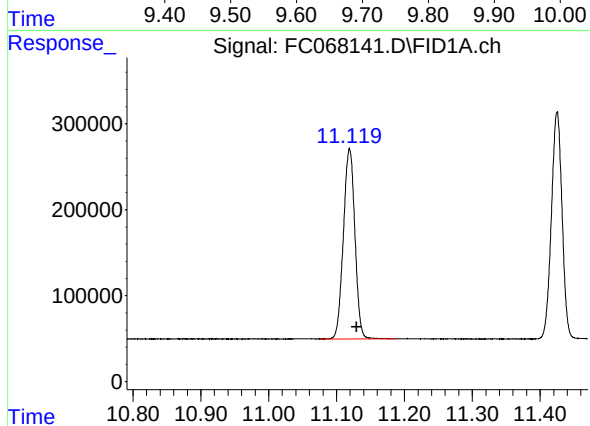
#6 n-Tetradecane (C14)

R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 2554107
Conc: 18.71 ug/ml



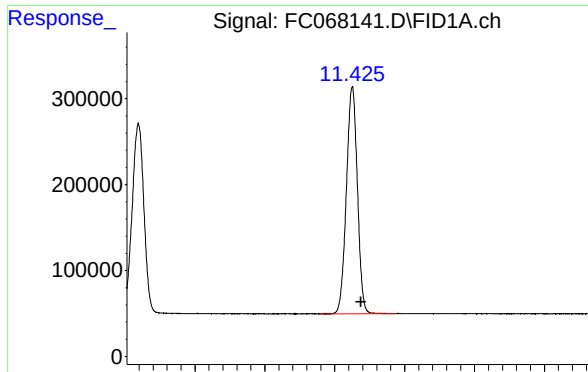
#7 n-Hexadecane (C16)

R.T.: 9.681 min
Delta R.T.: -0.009 min
Response: 2597608
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

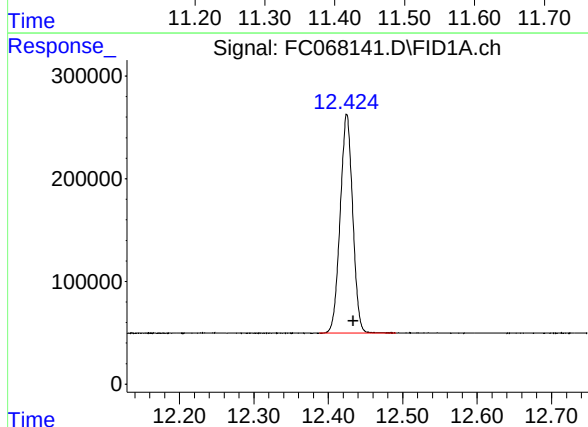
R.T.: 11.119 min
Delta R.T.: -0.011 min
Response: 2609291
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

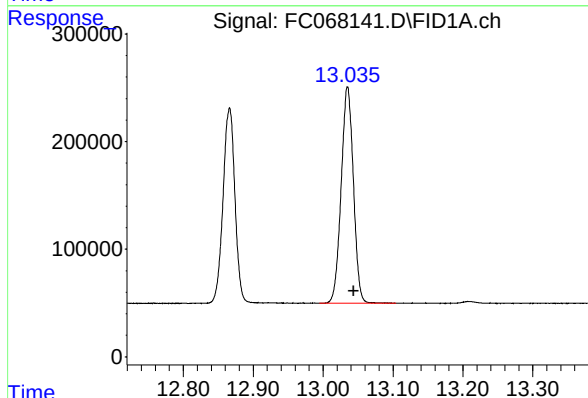
R.T.: 11.425 min
Delta R.T.: -0.012 min
Response: 2888212
Conc: 18.48 ug/ml

Instrument :
FID_C
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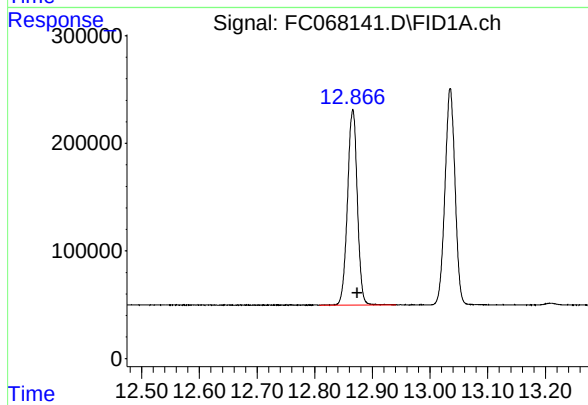
#10 n-Eicosane (C20)

R.T.: 12.425 min
Delta R.T.: -0.009 min
Response: 2489966
Conc: 18.61 ug/ml



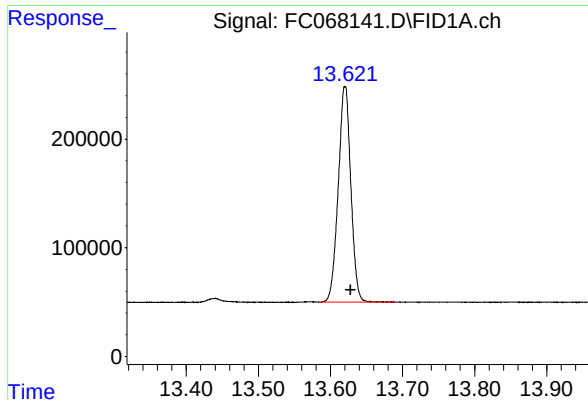
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: -0.009 min
Response: 2439971
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

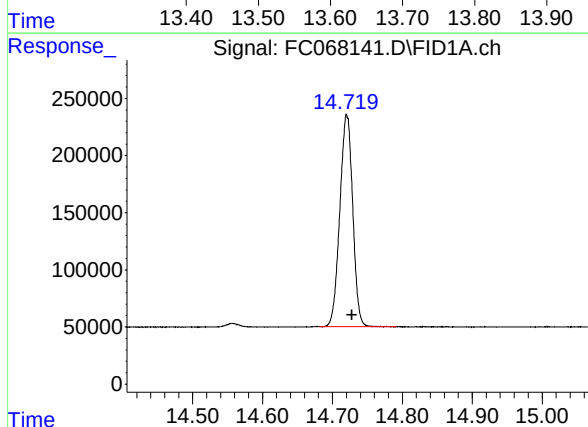
R.T.: 12.866 min
Delta R.T.: -0.008 min
Response: 2146239
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

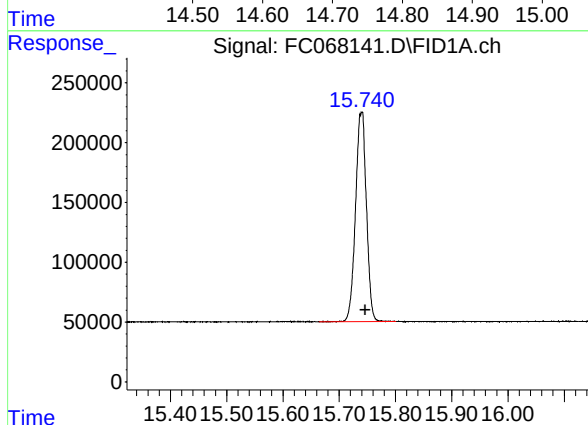
R.T.: 13.620 min
Delta R.T.: -0.008 min
Response: 2410985
Conc: 18.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



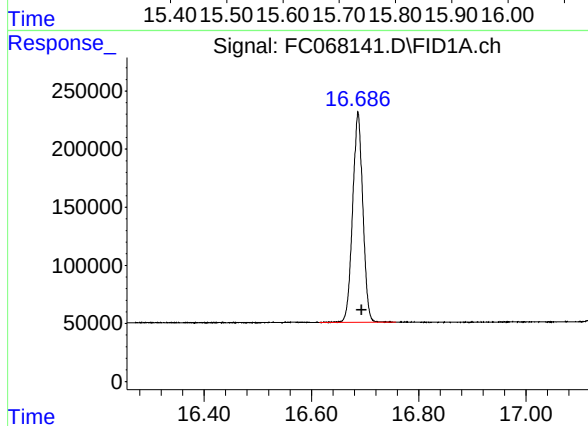
#14 n-Tetracosane (C24)

R.T.: 14.721 min
Delta R.T.: -0.008 min
Response: 2381382
Conc: 18.55 ug/ml



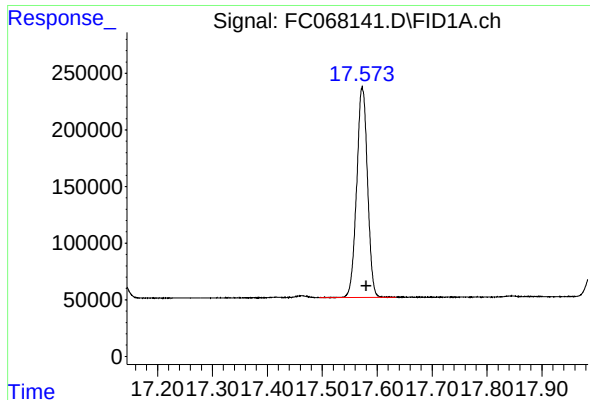
#15 n-Hexacosane (C26)

R.T.: 15.739 min
Delta R.T.: -0.007 min
Response: 2350657
Conc: 18.68 ug/ml



#16 n-Octacosane (C28)

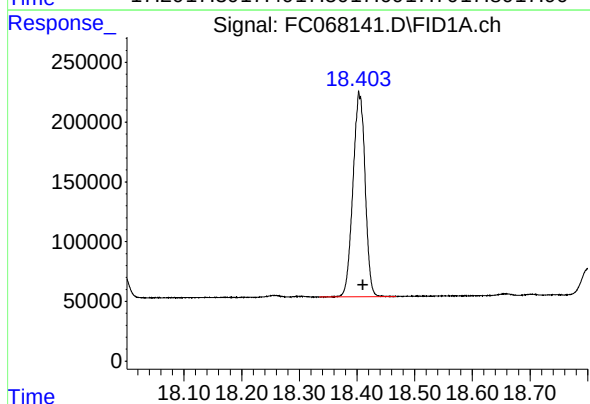
R.T.: 16.687 min
Delta R.T.: -0.007 min
Response: 2383012
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

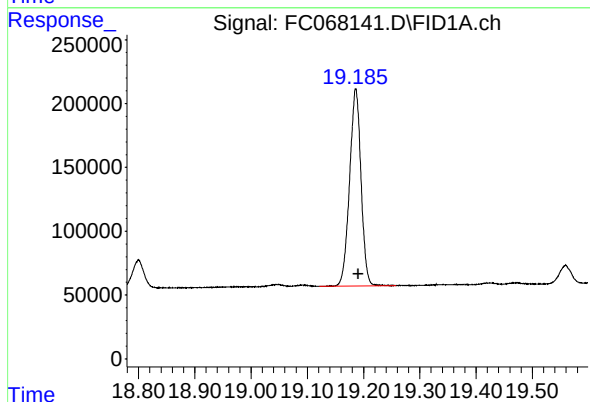
R.T.: 17.573 min
Delta R.T.: -0.007 min
Response: 2543730
Conc: 19.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



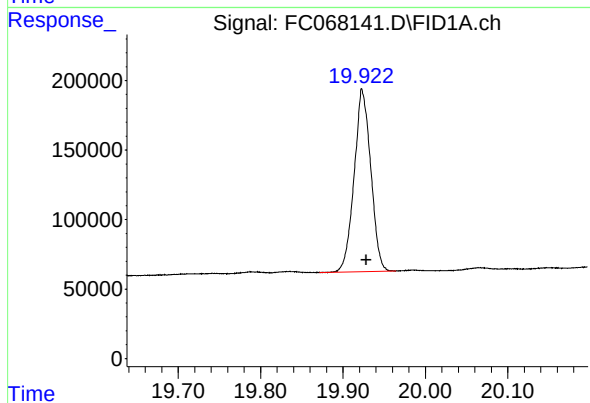
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.006 min
Response: 2506302
Conc: 20.05 ug/ml



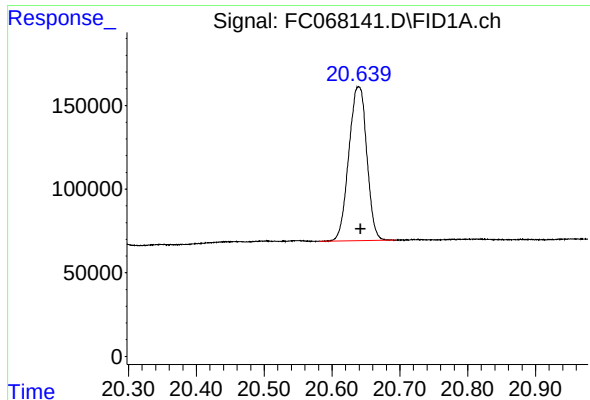
#19 n-Tetatriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.005 min
Response: 2179135
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

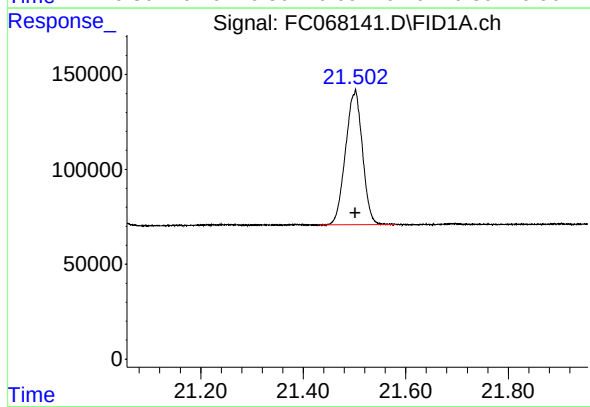
R.T.: 19.924 min
Delta R.T.: -0.004 min
Response: 1837859
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.639 min
Delta R.T.: -0.003 min
Response: 1692566
Conc: 19.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.501 min
Delta R.T.: 0.000 min
Response: 1616792
Conc: 20.00 ug/ml