

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092023AL\
 Data File : FC064629.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2023 13:11
 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: Sep 20 15:13:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.508	4498137	22.230 ug/ml
Spiked Amount 50.000		Recovery =	44.46%
12) S 1-chlorooctadecane (S...	12.941	3313550	22.749 ug/ml
Spiked Amount 50.000		Recovery =	45.50%
Target Compounds			
1) T n-Nonane (C9)	3.309	3769924	21.333 ug/ml
2) T n-Decane (C10)	4.368	3841109	21.381 ug/ml
3) T A~Naphthalene (C11.7)	5.947	4010264	21.346 ug/ml
4) T n-Dodecane (C12)	6.377	3891406	21.424 ug/ml
5) T A~2-methylnaphthalene...	7.000	3900578	21.872 ug/ml
6) T n-Tetradecane (C14)	8.166	3793975	21.382 ug/ml
7) T n-Hexadecane (C16)	9.760	3834870	21.334 ug/ml
8) T n-Octadecane (C18)	11.195	3849809	21.263 ug/ml
10) T n-Eicosane (C20)	12.499	3697217	21.705 ug/ml
11) T n-Heneicosane (C21)	13.108	3644860	22.007 ug/ml
13) T n-Docosane (C22)	13.691	3572841	21.931 ug/ml
14) T n-Tetracosane (C24)	14.791	3477671	21.905 ug/ml
15) T n-Hexacosane (C26)	15.808	3360549	22.015 ug/ml
16) T n-Octacosane (C28)	16.751	3231410	21.834 ug/ml
17) T n-Tricontane (C30)	17.635	3226341	21.718 ug/ml
18) T n-Dotriacontane (C32)	18.465	3164852	21.686 ug/ml
19) T n-Tetratriacontane (C34)	19.246	3038096	21.370 ug/ml
20) T n-Hexatriacontane (C36)	19.981	2947089	21.397 ug/ml
21) T n-Octatriacontane (C38)	20.701	2865135	20.906 ug/ml
22) T n-Tetracontane (C40)	21.579	2804146	20.615 ug/ml

(f)=RT Delta > 1/2 Window

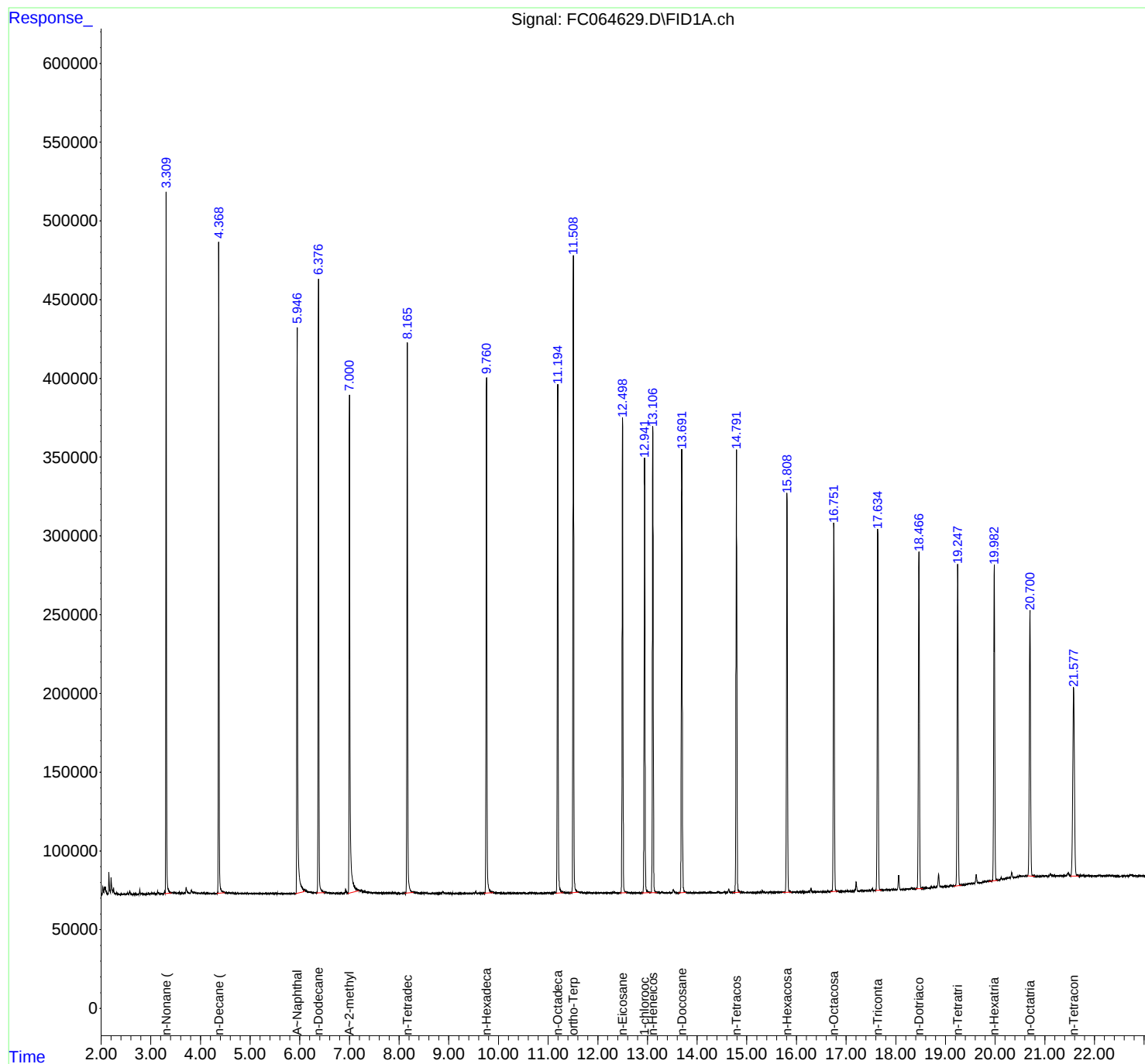
(m)=manual int.

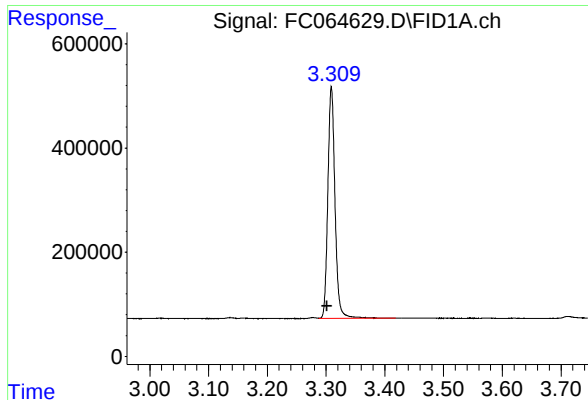
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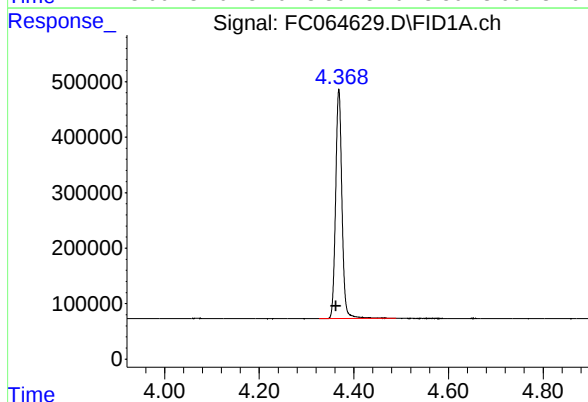




#1 n-Nonane (C9)

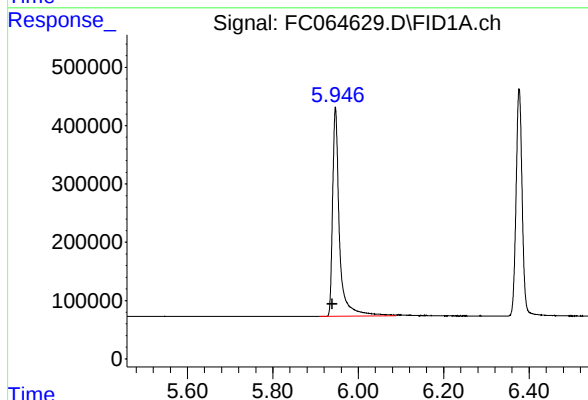
R.T.: 3.309 min
Delta R.T.: 0.007 min
Response: 3769924
Conc: 21.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



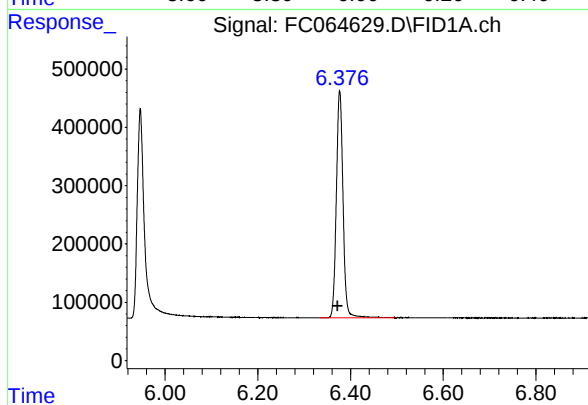
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.006 min
Response: 3841109
Conc: 21.38 ug/ml



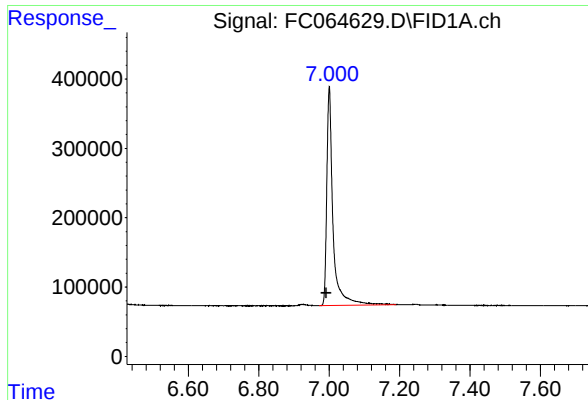
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.008 min
Response: 4010264
Conc: 21.35 ug/ml



#4 n-Dodecane (C12)

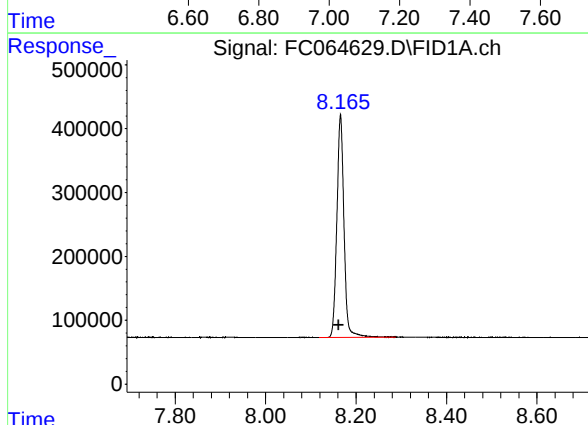
R.T.: 6.377 min
Delta R.T.: 0.004 min
Response: 3891406
Conc: 21.42 ug/ml



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

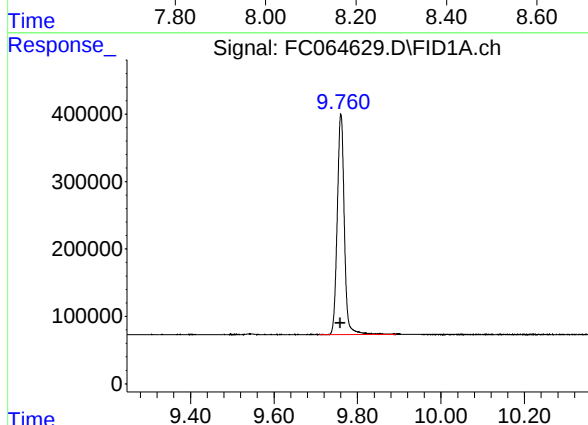
R.T.: 7.000 min
Delta R.T.: 0.008 min
Response: 3900578
Conc: 21.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



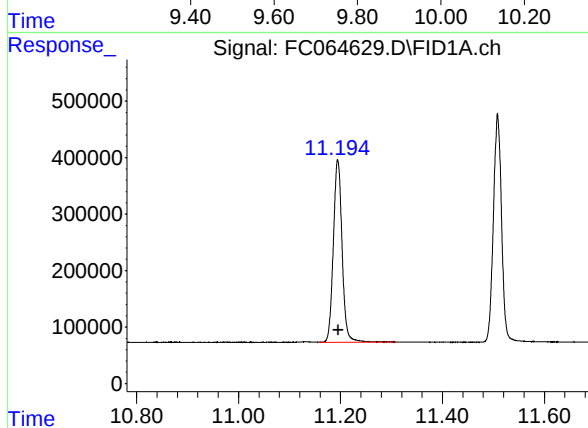
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.005 min
Response: 3793975
Conc: 21.38 ug/ml



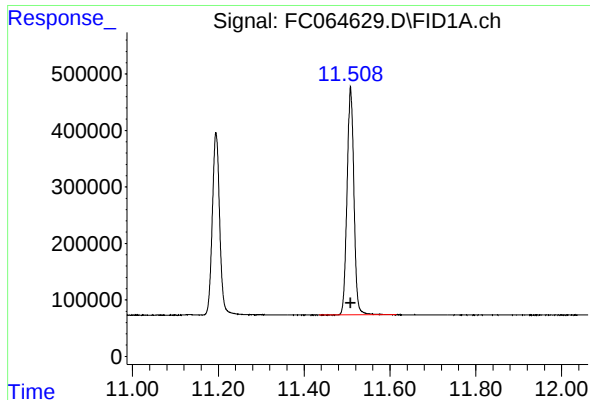
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: 0.002 min
Response: 3834870
Conc: 21.33 ug/ml



#8 n-Octadecane (C18)

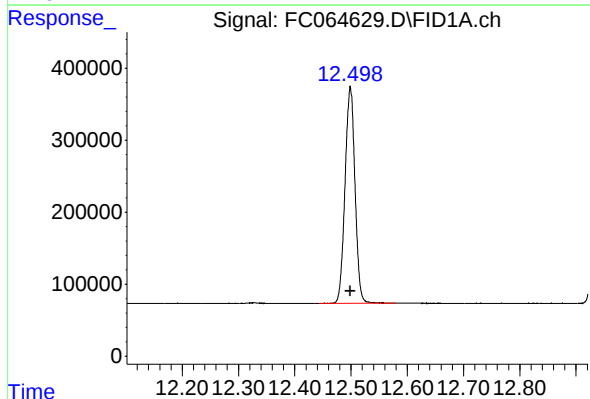
R.T.: 11.195 min
Delta R.T.: 0.000 min
Response: 3849809
Conc: 21.26 ug/ml



#9 ortho-Terphenyl (SURR)

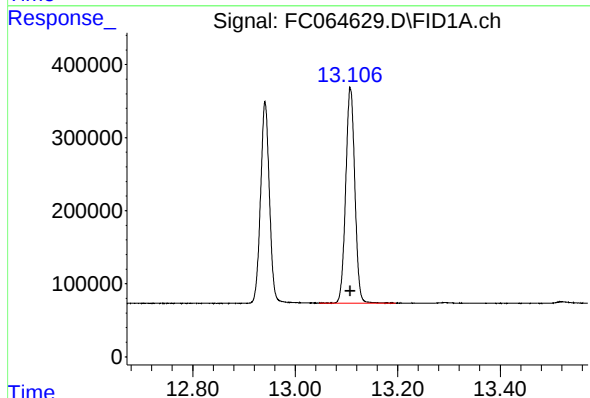
R.T.: 11.508 min
Delta R.T.: 0.000 min
Response: 4498137
Conc: 22.23 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



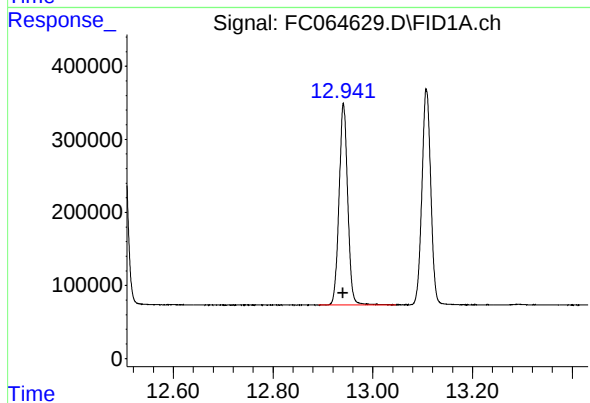
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.000 min
Response: 3697217
Conc: 21.70 ug/ml



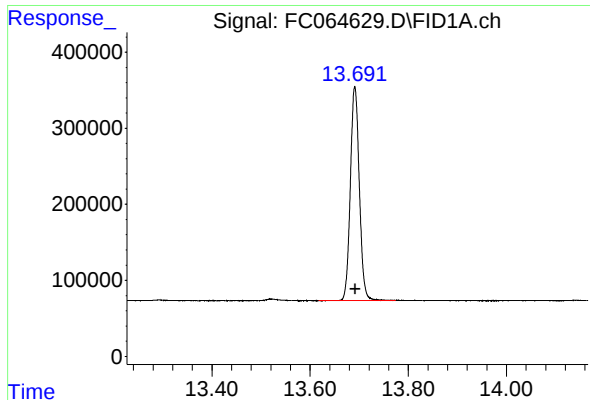
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.000 min
Response: 3644860
Conc: 22.01 ug/ml



#12 1-chlorooctadecane (SURR)

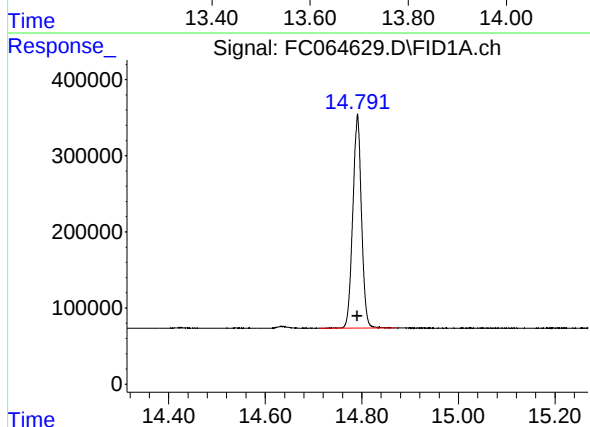
R.T.: 12.941 min
Delta R.T.: 0.000 min
Response: 3313550
Conc: 22.75 ug/ml



#13 n-Docosane (C22)

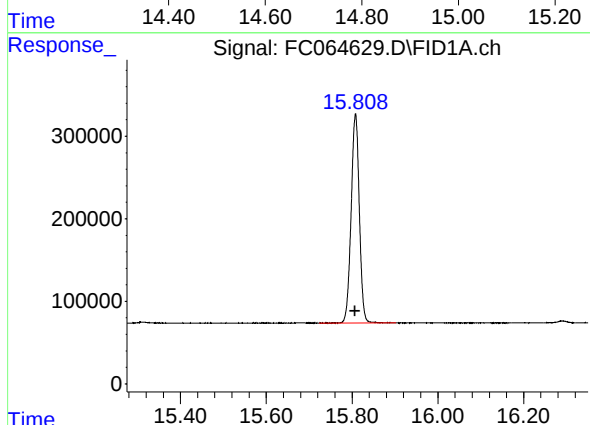
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 3572841
Conc: 21.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



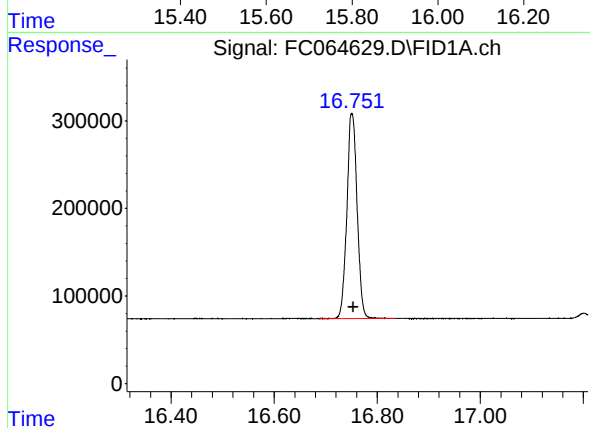
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.000 min
Response: 3477671
Conc: 21.91 ug/ml



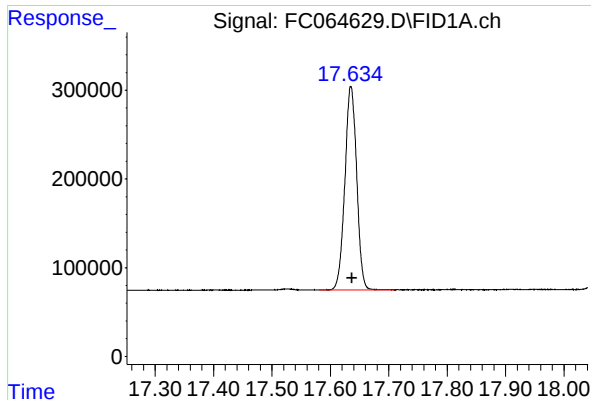
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.001 min
Response: 3360549
Conc: 22.02 ug/ml



#16 n-Octacosane (C28)

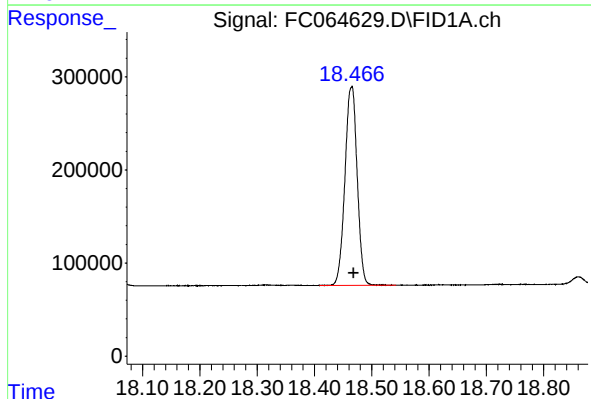
R.T.: 16.751 min
Delta R.T.: -0.003 min
Response: 3231410
Conc: 21.83 ug/ml



#17 n-Tricontane (C30)

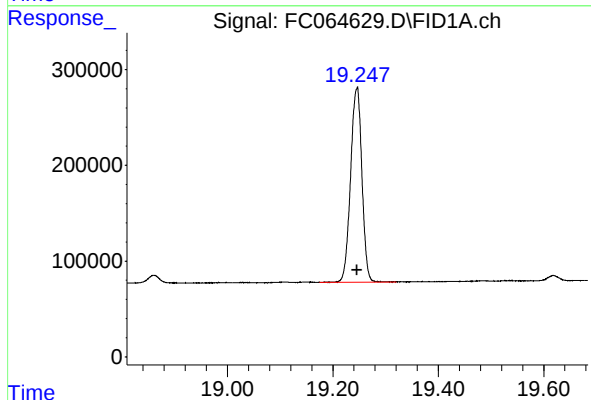
R.T.: 17.635 min
Delta R.T.: -0.002 min
Response: 3226341
Conc: 21.72 ug/ml

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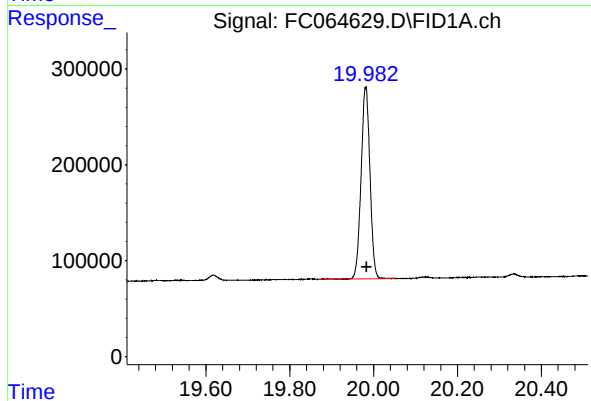
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.003 min
Response: 3164852
Conc: 21.69 ug/ml



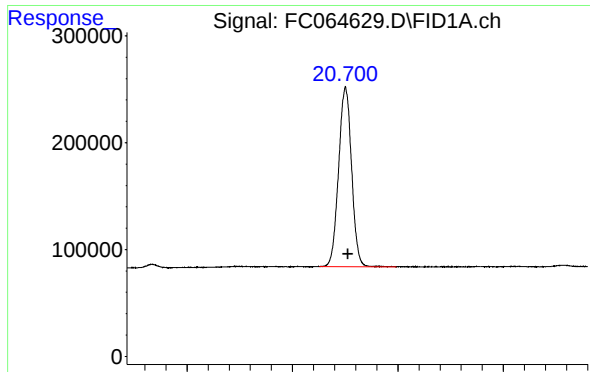
#19 n-Tetatriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 3038096
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

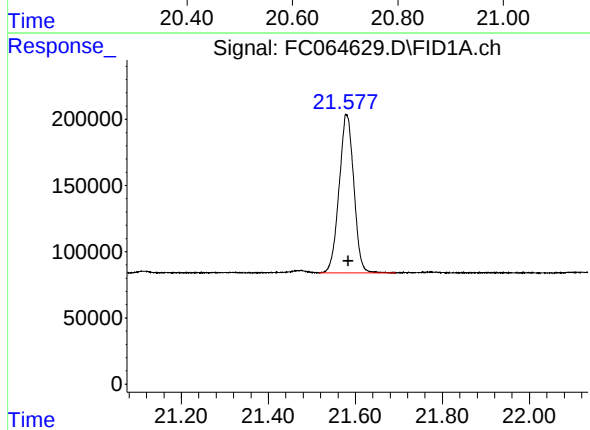
R.T.: 19.981 min
Delta R.T.: -0.003 min
Response: 2947089
Conc: 21.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.005 min
Response: 2865135
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: -0.004 min
Response: 2804146
Conc: 20.61 ug/ml