

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092023AL\
 Data File : FC064625.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2023 09:10
 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 10:58:10 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)	11.509	4478888	22.135 ug/ml
Spiked Amount 50.000		Recovery =	44.27%
12) S 1-chlorooctadecane (S...	12.942	3276734	22.496 ug/ml
Spiked Amount 50.000		Recovery =	44.99%
Target Compounds			
1) T n-Nonane (C9)	3.305	3724432	21.076 ug/ml
2) T n-Decane (C10)	4.366	3795556	21.128 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3980249	21.187 ug/ml
4) T n-Dodecane (C12)	6.376	3854275	21.219 ug/ml
5) T A~2-methylnaphthalene...	6.999	3873364	21.720 ug/ml
6) T n-Tetradecane (C14)	8.165	3762740	21.206 ug/ml
7) T n-Hexadecane (C16)	9.760	3763663	20.938 ug/ml
8) T n-Octadecane (C18)	11.196	3801694	20.997 ug/ml
10) T n-Eicosane (C20)	12.500	3671331	21.553 ug/ml
11) T n-Heneicosane (C21)	13.108	3617239	21.840 ug/ml
13) T n-Docosane (C22)	13.692	3559225	21.848 ug/ml
14) T n-Tetracosane (C24)	14.790	3460699	21.798 ug/ml
15) T n-Hexacosane (C26)	15.809	3332193	21.829 ug/ml
16) T n-Octacosane (C28)	16.754	3214526	21.720 ug/ml
17) T n-Tricontane (C30)	17.638	3214200	21.636 ug/ml
18) T n-Dotriacontane (C32)	18.465	3132030	21.461 ug/ml
19) T n-Tetratriacontane (C34)	19.245	3010735	21.177 ug/ml
20) T n-Hexatriacontane (C36)	19.984	2926949	21.251 ug/ml
21) T n-Octatriacontane (C38)	20.702	2811488	20.514 ug/ml
22) T n-Tetracontane (C40)	21.580	2719733	19.994 ug/ml

(f)=RT Delta > 1/2 Window

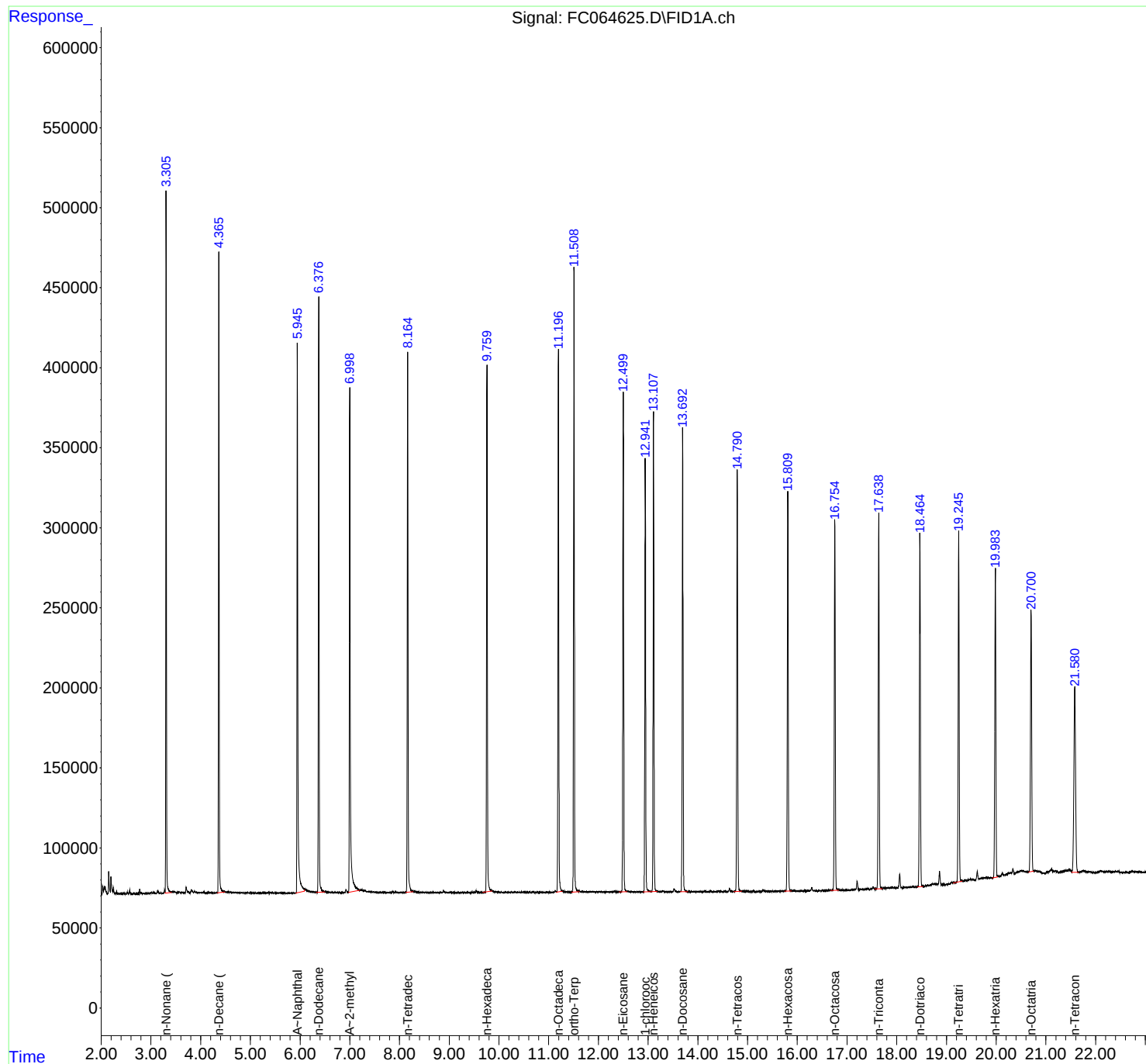
(m)=manual int.

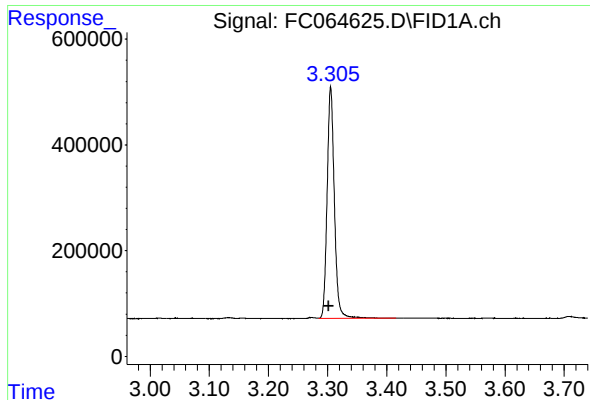
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092023AL\
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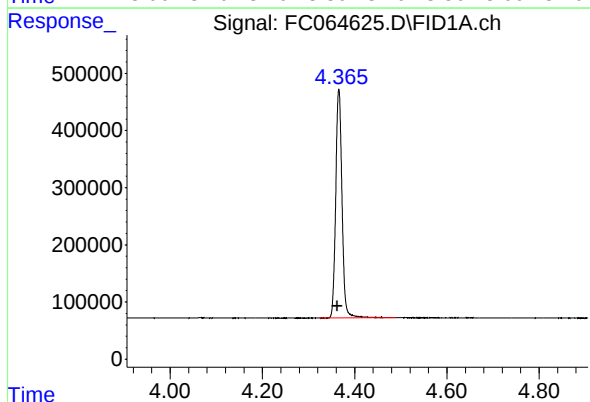




#1 n-Nonane (C9)

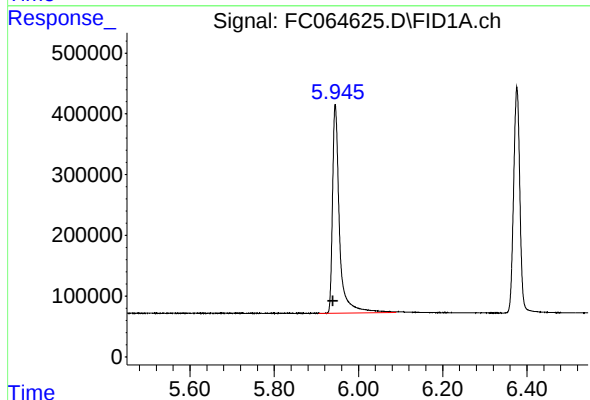
R.T.: 3.305 min
Delta R.T.: 0.003 min
Response: 3724432
Conc: 21.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



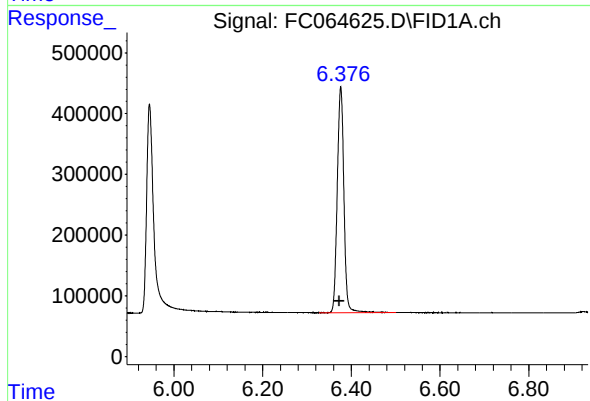
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.004 min
Response: 3795556
Conc: 21.13 ug/ml



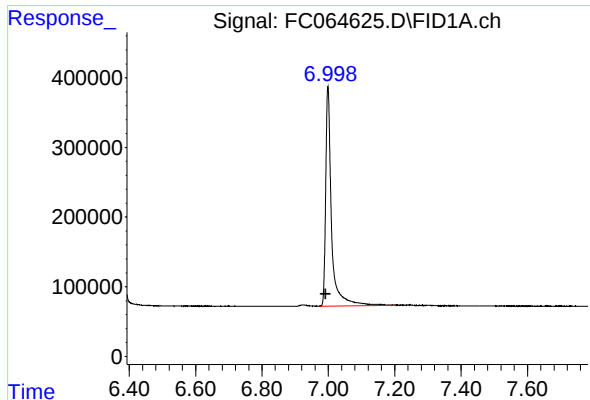
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.006 min
Response: 3980249
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

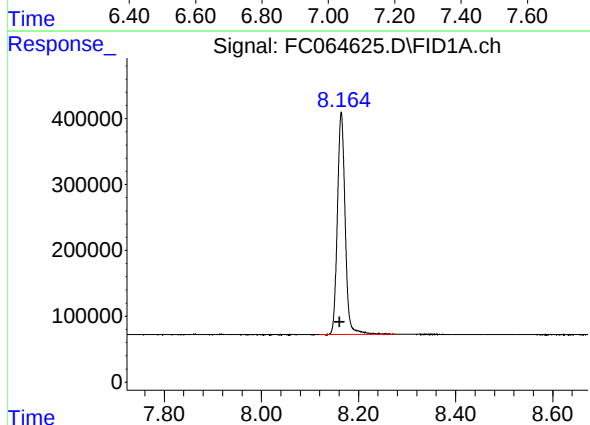
R.T.: 6.376 min
Delta R.T.: 0.004 min
Response: 3854275
Conc: 21.22 ug/ml



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

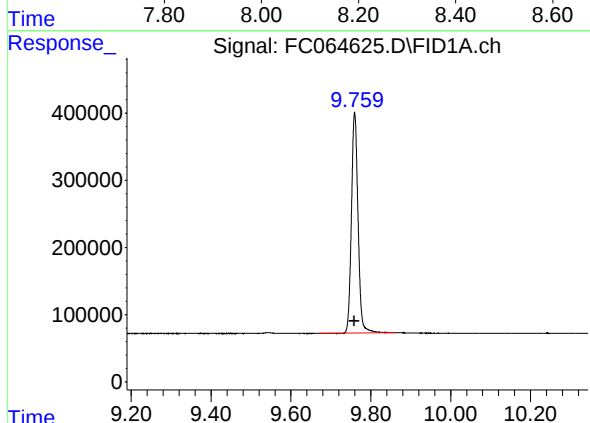
R.T.: 6.999 min
Delta R.T.: 0.006 min
Response: 3873364
Conc: 21.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



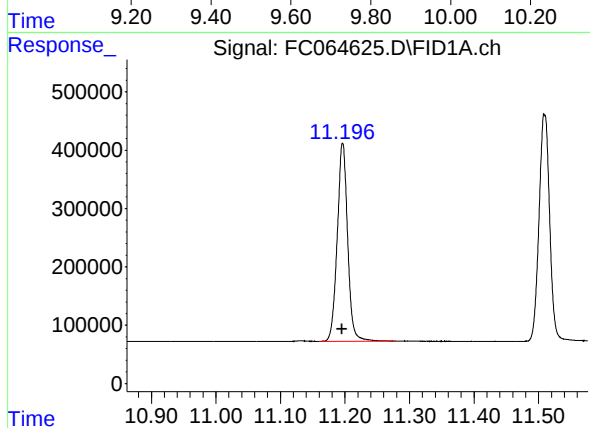
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: 0.003 min
Response: 3762740
Conc: 21.21 ug/ml



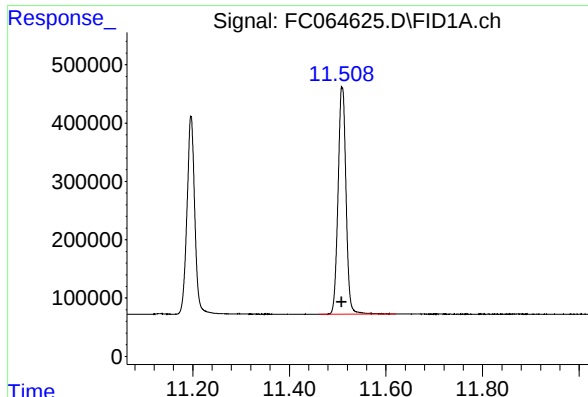
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: 0.001 min
Response: 3763663
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

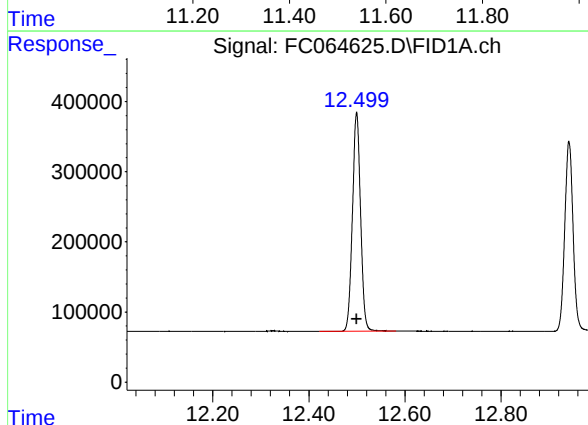
R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 3801694
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

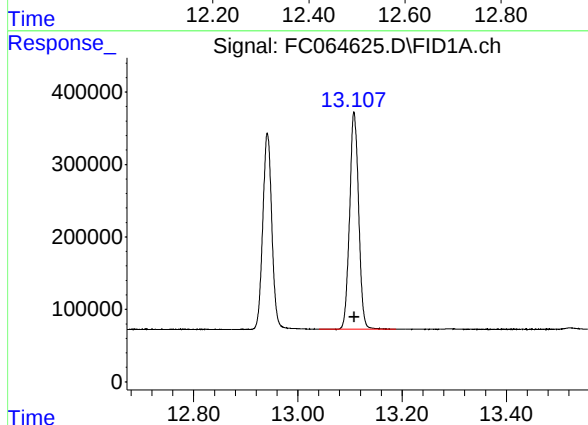
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 4478888
Conc: 22.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



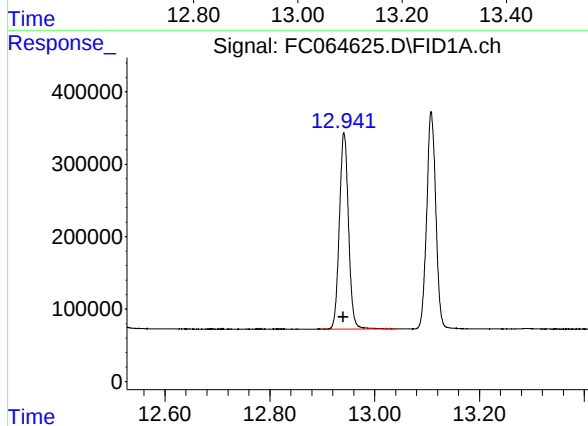
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: 0.000 min
Response: 3671331
Conc: 21.55 ug/ml



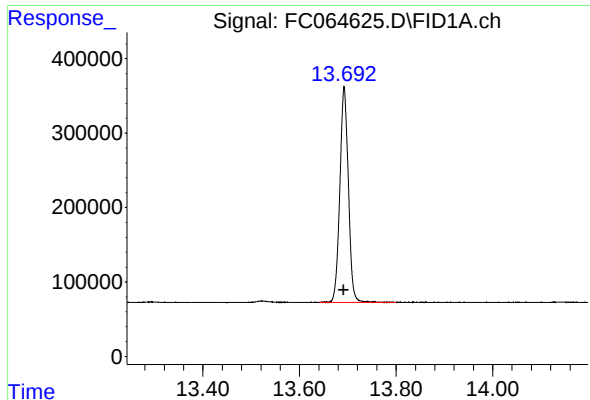
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.000 min
Response: 3617239
Conc: 21.84 ug/ml



#12 1-chlorooctadecane (SURR)

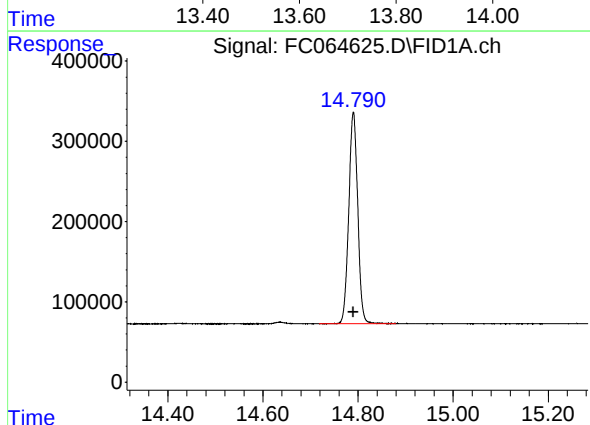
R.T.: 12.942 min
Delta R.T.: 0.001 min
Response: 3276734
Conc: 22.50 ug/ml



#13 n-Docosane (C22)

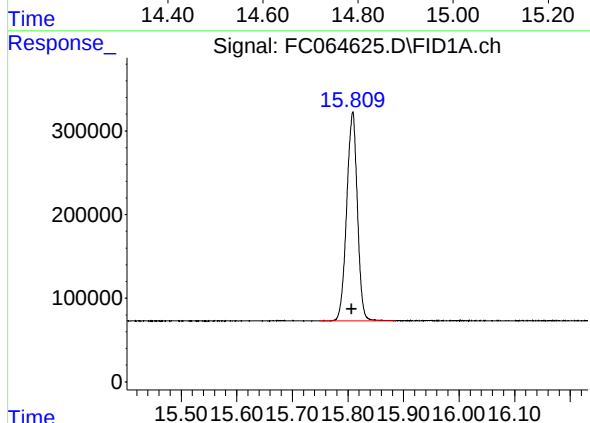
R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 3559225
Conc: 21.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



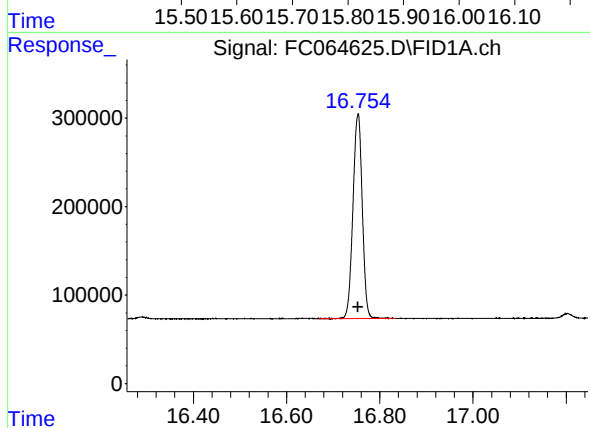
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 3460699
Conc: 21.80 ug/ml



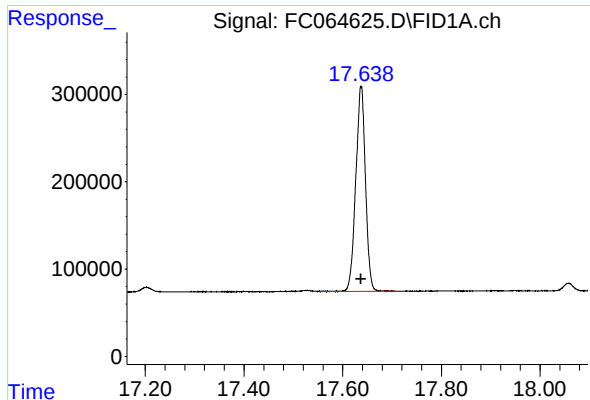
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.002 min
Response: 3332193
Conc: 21.83 ug/ml



#16 n-Octacosane (C28)

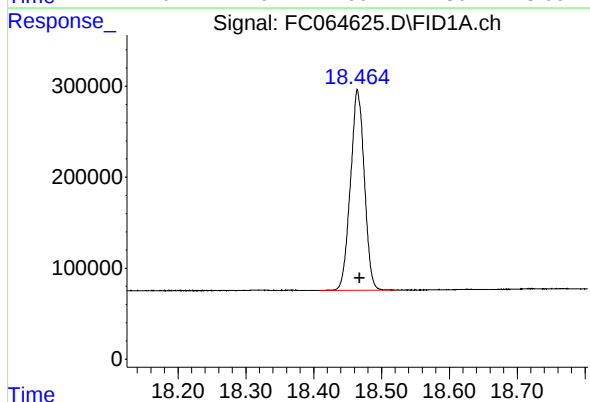
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 3214526
Conc: 21.72 ug/ml



#17 n-Tricontane (C30)

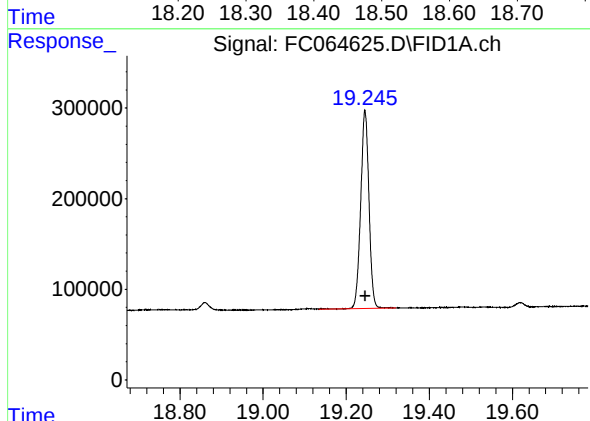
R.T.: 17.638 min
Delta R.T.: 0.000 min
Response: 3214200
Conc: 21.64 ug/ml

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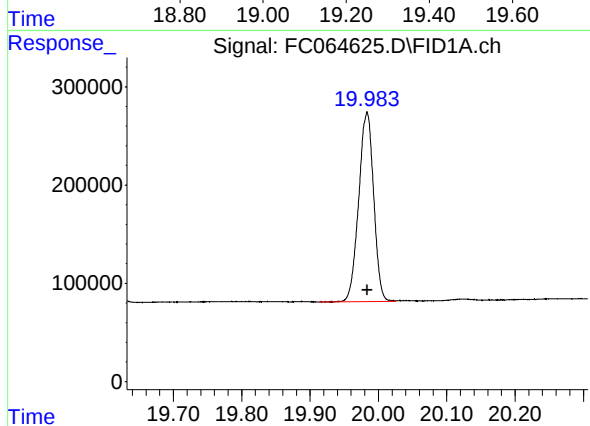
#18 n-Dotriacontane (C32)

R.T.: 18.465 min
Delta R.T.: -0.004 min
Response: 3132030
Conc: 21.46 ug/ml



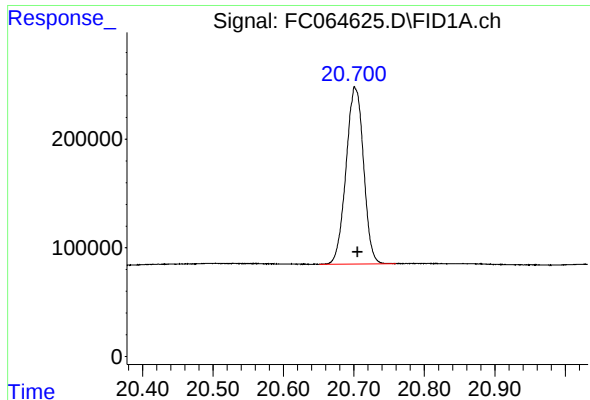
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: 0.000 min
Response: 3010735
Conc: 21.18 ug/ml



#20 n-Hexatriacontane (C36)

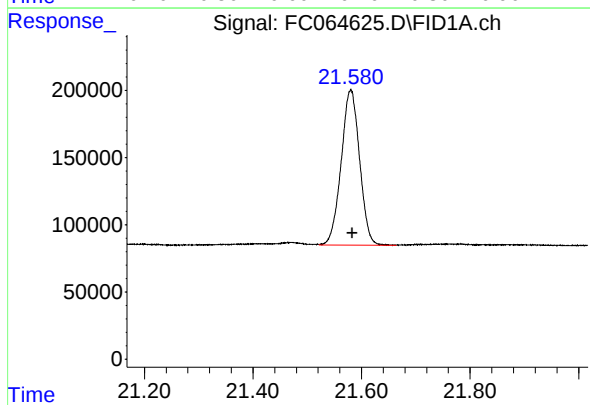
R.T.: 19.984 min
Delta R.T.: 0.000 min
Response: 2926949
Conc: 21.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.004 min
Response: 2811488
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.003 min
Response: 2719733
Conc: 19.99 ug/ml