

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092723AL\
 Data File : FC064689.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2023 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: autoint1.e
 Quant Time: Sep 27 12:30:36 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)	11.519	4554053	22.506 ug/ml
Spiked Amount 50.000		Recovery =	45.01%
12) S 1-chlorooctadecane (S...	12.951	3310231	22.726 ug/ml
Spiked Amount 50.000		Recovery =	45.45%
Target Compounds			
1) T n-Nonane (C9)	3.320	3970192	22.466 ug/ml
2) T n-Decane (C10)	4.379	3989425	22.207 ug/ml
3) T A~Naphthalene (C11.7)	5.960	4212744	22.424 ug/ml
4) T n-Dodecane (C12)	6.388	4057714	22.339 ug/ml
5) T A~2-methylnaphthalene...	7.013	4028489	22.589 ug/ml
6) T n-Tetradecane (C14)	8.175	3947780	22.249 ug/ml
7) T n-Hexadecane (C16)	9.770	3955324	22.004 ug/ml
8) T n-Octadecane (C18)	11.205	3931055	21.712 ug/ml
10) T n-Eicosane (C20)	12.508	3743535	21.977 ug/ml
11) T n-Heneicosane (C21)	13.117	3650057	22.038 ug/ml
13) T n-Docosane (C22)	13.700	3566076	21.890 ug/ml
14) T n-Tetracosane (C24)	14.797	3415835	21.516 ug/ml
15) T n-Hexacosane (C26)	15.814	3250684	21.295 ug/ml
16) T n-Octacosane (C28)	16.760	3113276	21.036 ug/ml
17) T n-Tricontane (C30)	17.642	3110004	20.935 ug/ml
18) T n-Dotriacontane (C32)	18.471	3063150	20.989 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2953334	20.774 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2890114	20.983 ug/ml
21) T n-Octatriacontane (C38)	20.707	2833708	20.677 ug/ml
22) T n-Tetracontane (C40)	21.587	2770482	20.367 ug/ml

(f)=RT Delta > 1/2 Window

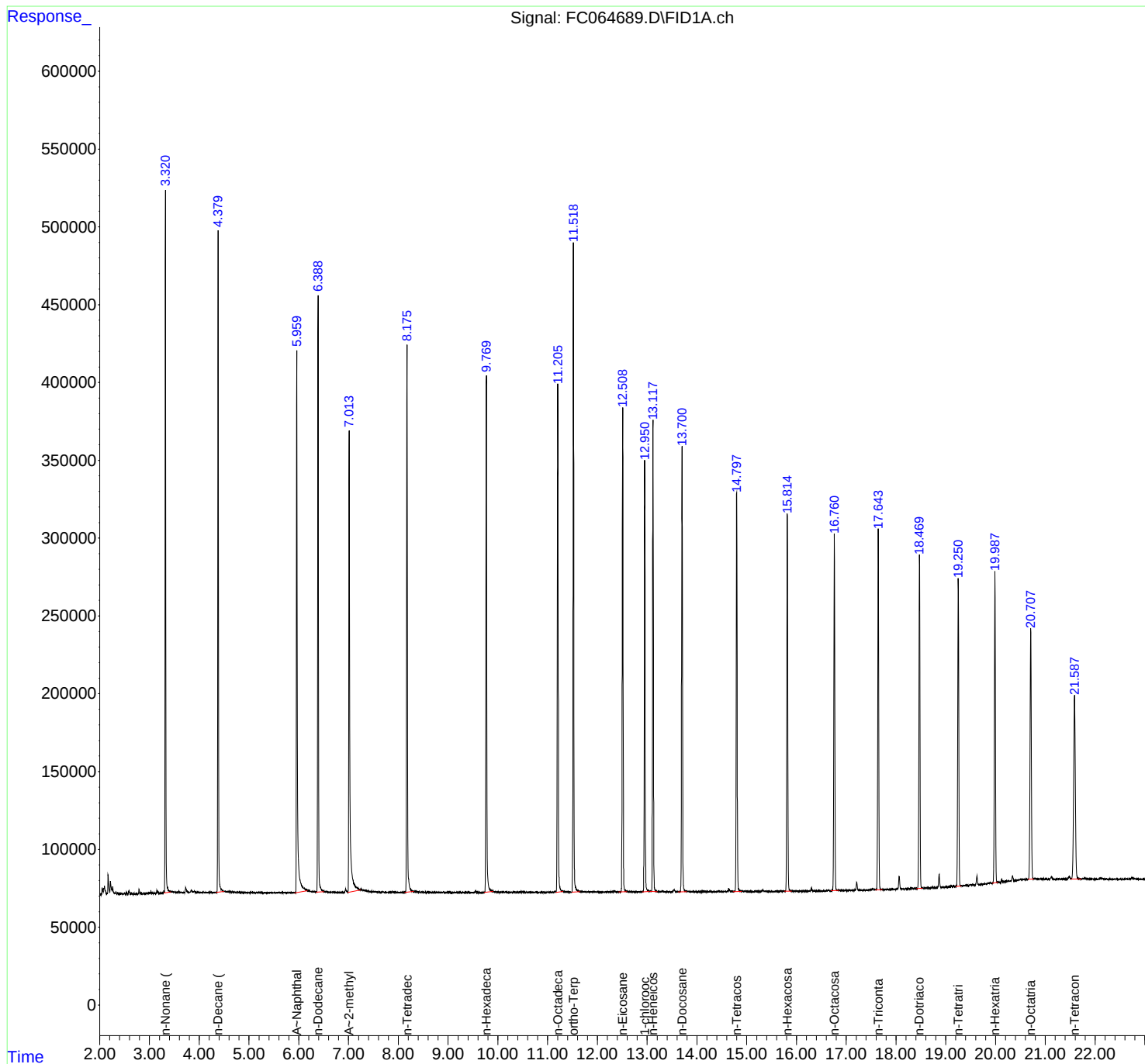
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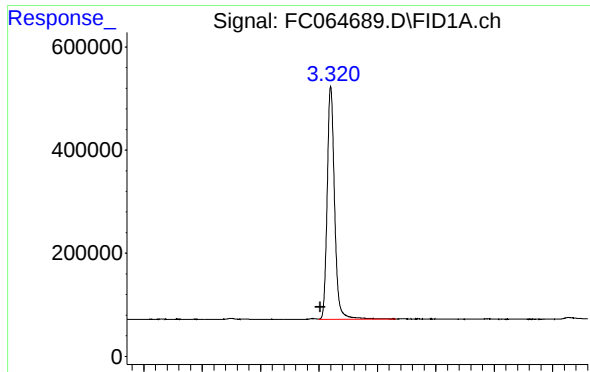
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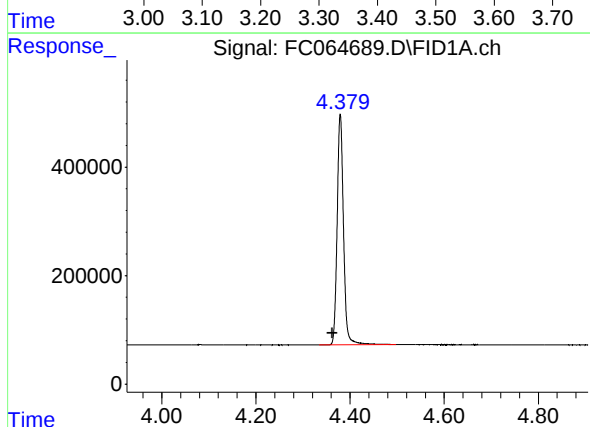




#1 n-Nonane (C9)

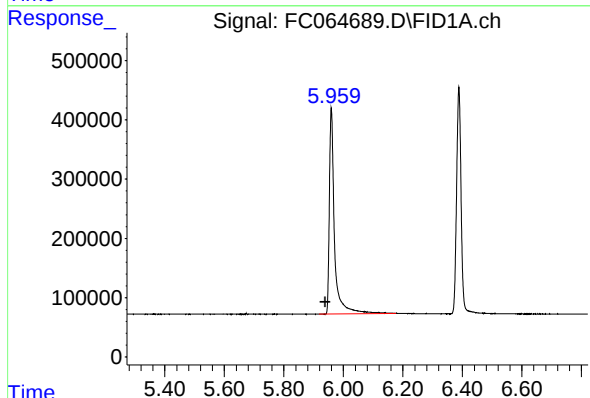
R.T.: 3.320 min
Delta R.T.: 0.018 min
Response: 3970192
Conc: 22.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



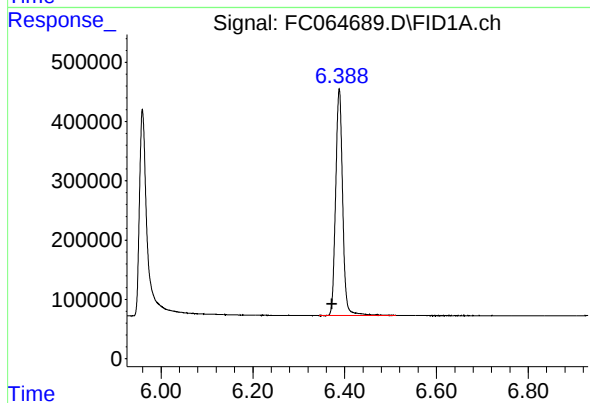
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.017 min
Response: 3989425
Conc: 22.21 ug/ml



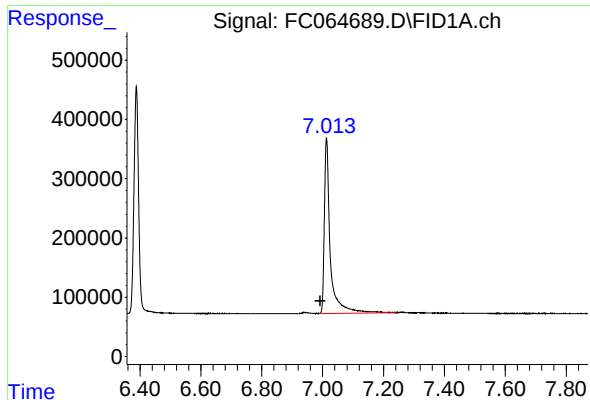
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.021 min
Response: 4212744
Conc: 22.42 ug/ml



#4 n-Dodecane (C12)

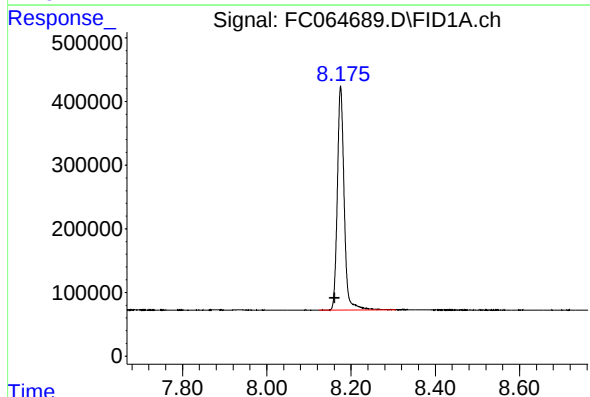
R.T.: 6.388 min
Delta R.T.: 0.016 min
Response: 4057714
Conc: 22.34 ug/ml



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

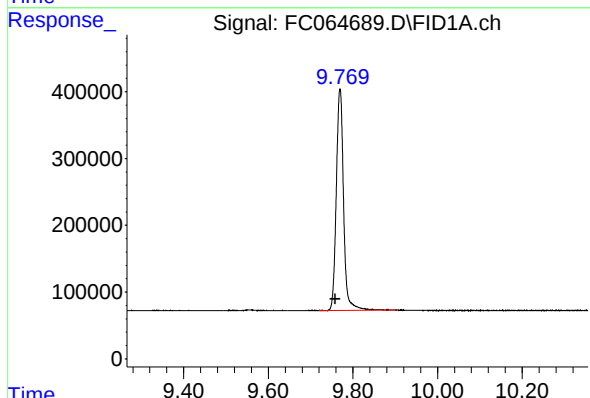
R.T.: 7.013 min
Delta R.T.: 0.020 min
Response: 4028489
Conc: 22.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



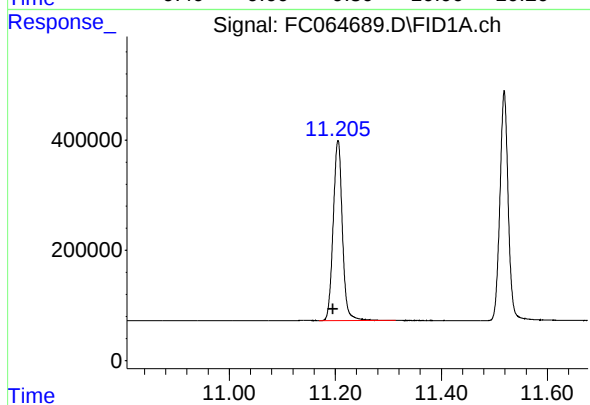
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.014 min
Response: 3947780
Conc: 22.25 ug/ml



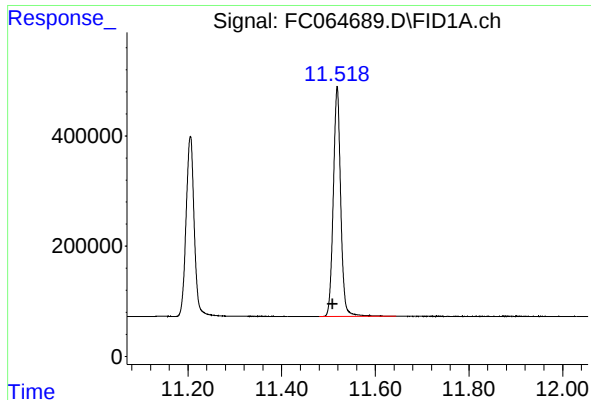
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: 0.011 min
Response: 3955324
Conc: 22.00 ug/ml



#8 n-Octadecane (C18)

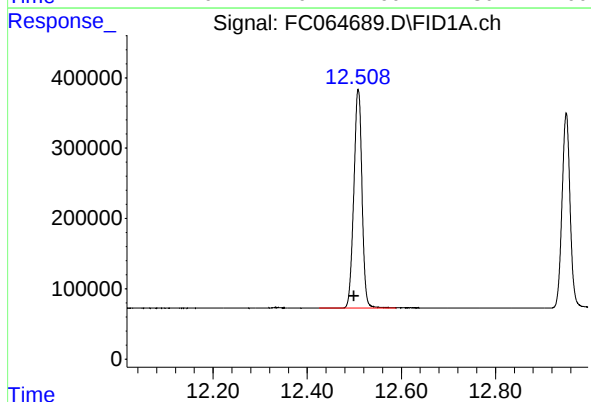
R.T.: 11.205 min
Delta R.T.: 0.010 min
Response: 3931055
Conc: 21.71 ug/ml



#9 ortho-Terphenyl (SURR)

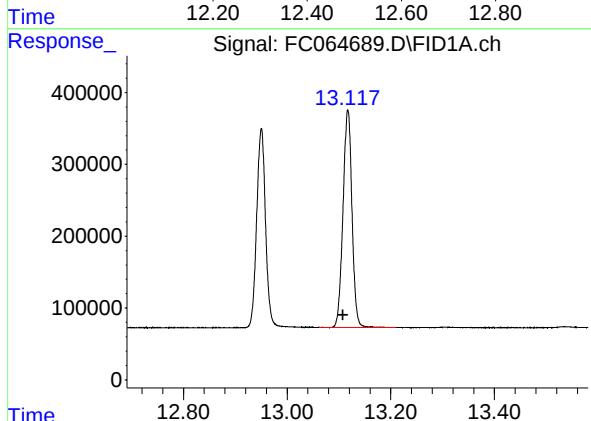
R.T.: 11.519 min
Delta R.T.: 0.010 min
Response: 4554053
Conc: 22.51 ug/ml

Instrument :
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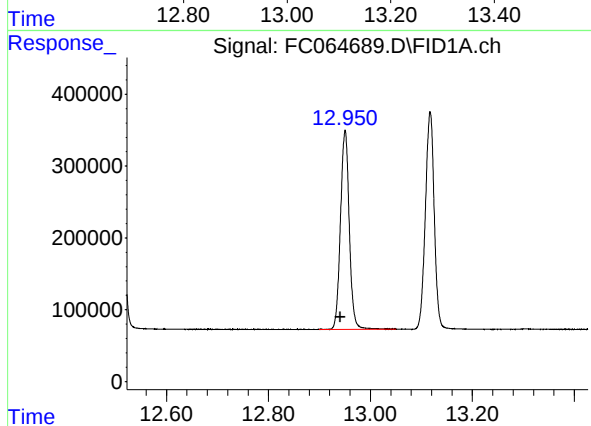
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: 0.009 min
Response: 3743535
Conc: 21.98 ug/ml



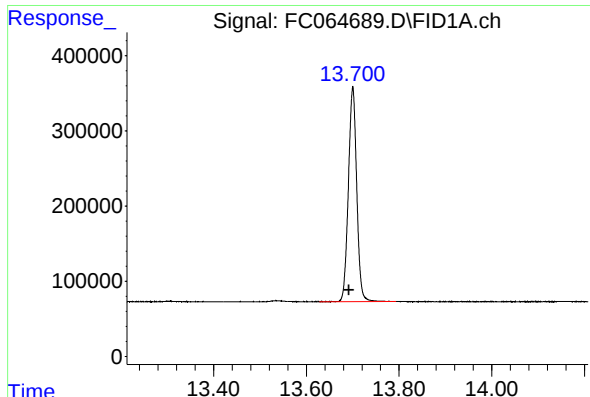
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.009 min
Response: 3650057
Conc: 22.04 ug/ml



#12 1-chlorooctadecane (SURR)

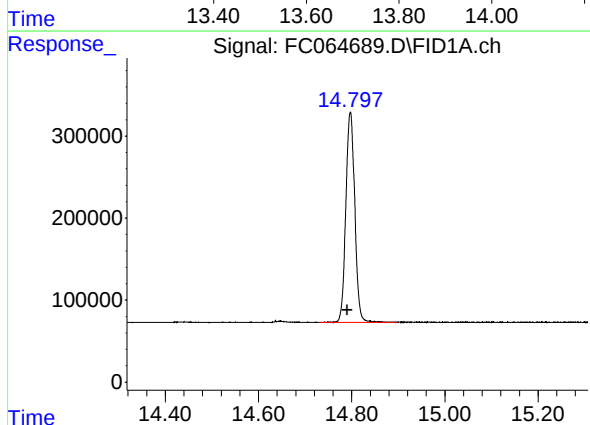
R.T.: 12.951 min
Delta R.T.: 0.010 min
Response: 3310231
Conc: 22.73 ug/ml



#13 n-Docosane (C22)

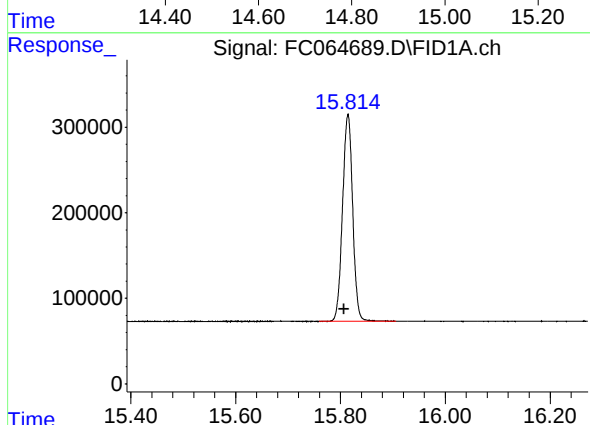
R.T.: 13.700 min
Delta R.T.: 0.008 min
Response: 3566076
Conc: 21.89 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



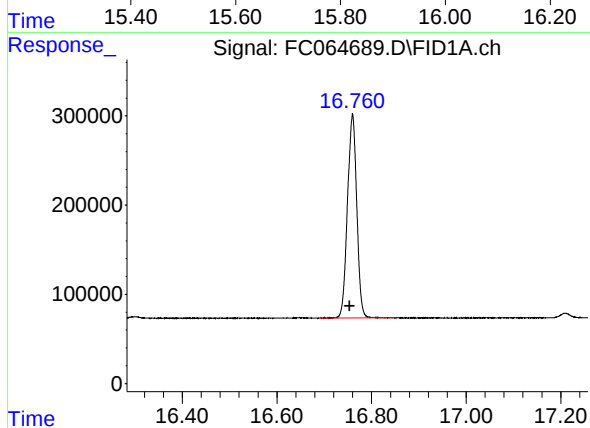
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.007 min
Response: 3415835
Conc: 21.52 ug/ml



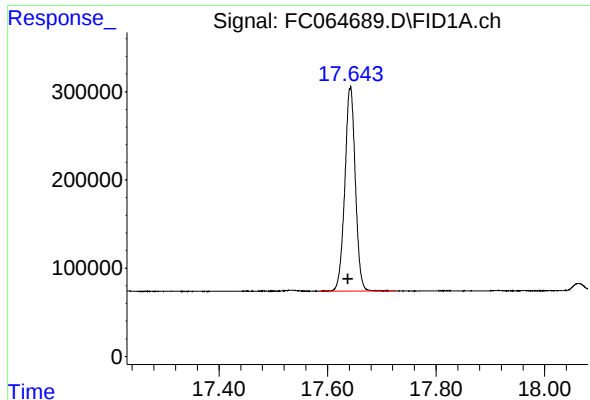
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.008 min
Response: 3250684
Conc: 21.30 ug/ml



#16 n-Octacosane (C28)

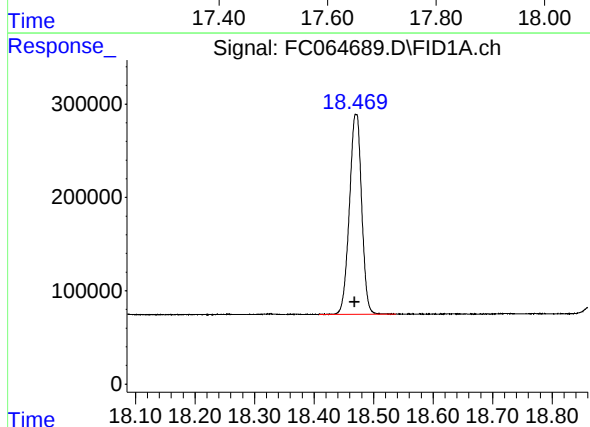
R.T.: 16.760 min
Delta R.T.: 0.006 min
Response: 3113276
Conc: 21.04 ug/ml



#17 n-Tricontane (C30)

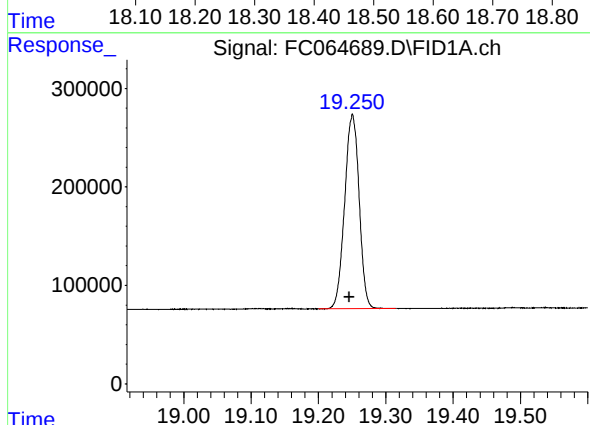
R.T.: 17.642 min
Delta R.T.: 0.005 min
Response: 3110004
Conc: 20.93 ug/ml

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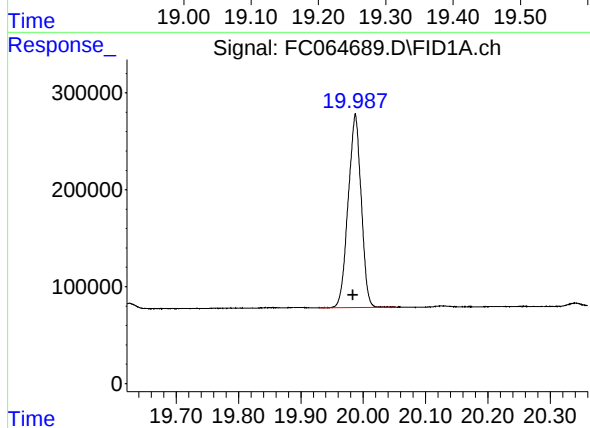
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 3063150
Conc: 20.99 ug/ml



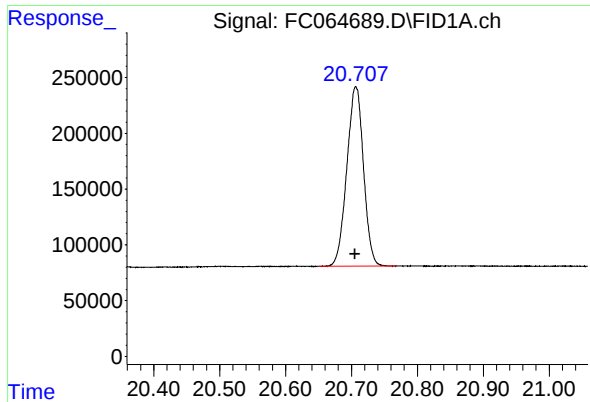
#19 n-Tetatriacontane (C34)

R.T.: 19.251 min
Delta R.T.: 0.005 min
Response: 2953334
Conc: 20.77 ug/ml



#20 n-Hexatriacontane (C36)

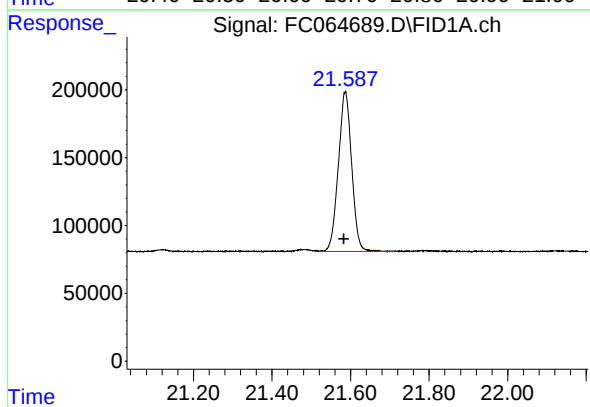
R.T.: 19.987 min
Delta R.T.: 0.004 min
Response: 2890114
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: 0.002 min
Response: 2833708
Conc: 20.68 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: 0.003 min
Response: 2770482
Conc: 20.37 ug/ml