

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101424AL\
 Data File : FC067447.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2024 04:59
 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: Oct 15 05:37:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.499	3154587	20.732 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
12) S 1-chlorooctadecane (S...	12.937	2355710	20.811 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
Target Compounds			
1) T n-Nonane (C9)	3.274	2867937	22.625 ug/ml
2) T n-Decane (C10)	4.340	2951607	22.962 ug/ml
3) T A~Naphthalene (C11.7)	5.918	3216995	22.678 ug/ml
4) T n-Dodecane (C12)	6.356	2953269	22.759 ug/ml
5) T A~2-methylnaphthalene...	6.973	3080455	22.454 ug/ml
6) T n-Tetradecane (C14)	8.149	2874107	22.315 ug/ml
7) T n-Hexadecane (C16)	9.747	2898265	21.772 ug/ml
8) T n-Octadecane (C18)	11.187	2898989	21.379 ug/ml
10) T n-Eicosane (C20)	12.495	2751370	21.072 ug/ml
11) T n-Heneicosane (C21)	13.106	2689637	20.971 ug/ml
13) T n-Docosane (C22)	13.692	2668741	20.901 ug/ml
14) T n-Tetracosane (C24)	14.793	2643695	20.671 ug/ml
15) T n-Hexacosane (C26)	15.813	2604144	20.654 ug/ml
16) T n-Octacosane (C28)	16.762	2597310	20.674 ug/ml
17) T n-Tricontane (C30)	17.648	2701429	20.970 ug/ml
18) T n-Dotriacontane (C32)	18.480	2679898	21.452 ug/ml
19) T n-Tetratriacontane (C34)	19.264	2363706	21.630 ug/ml
20) T n-Hexatriacontane (C36)	20.002	2064394	21.841 ug/ml
21) T n-Octatriacontane (C38)	20.725	1926716	21.969 ug/ml
22) T n-Tetracontane (C40)	21.612	2106932	24.486 ug/ml

(f)=RT Delta > 1/2 Window

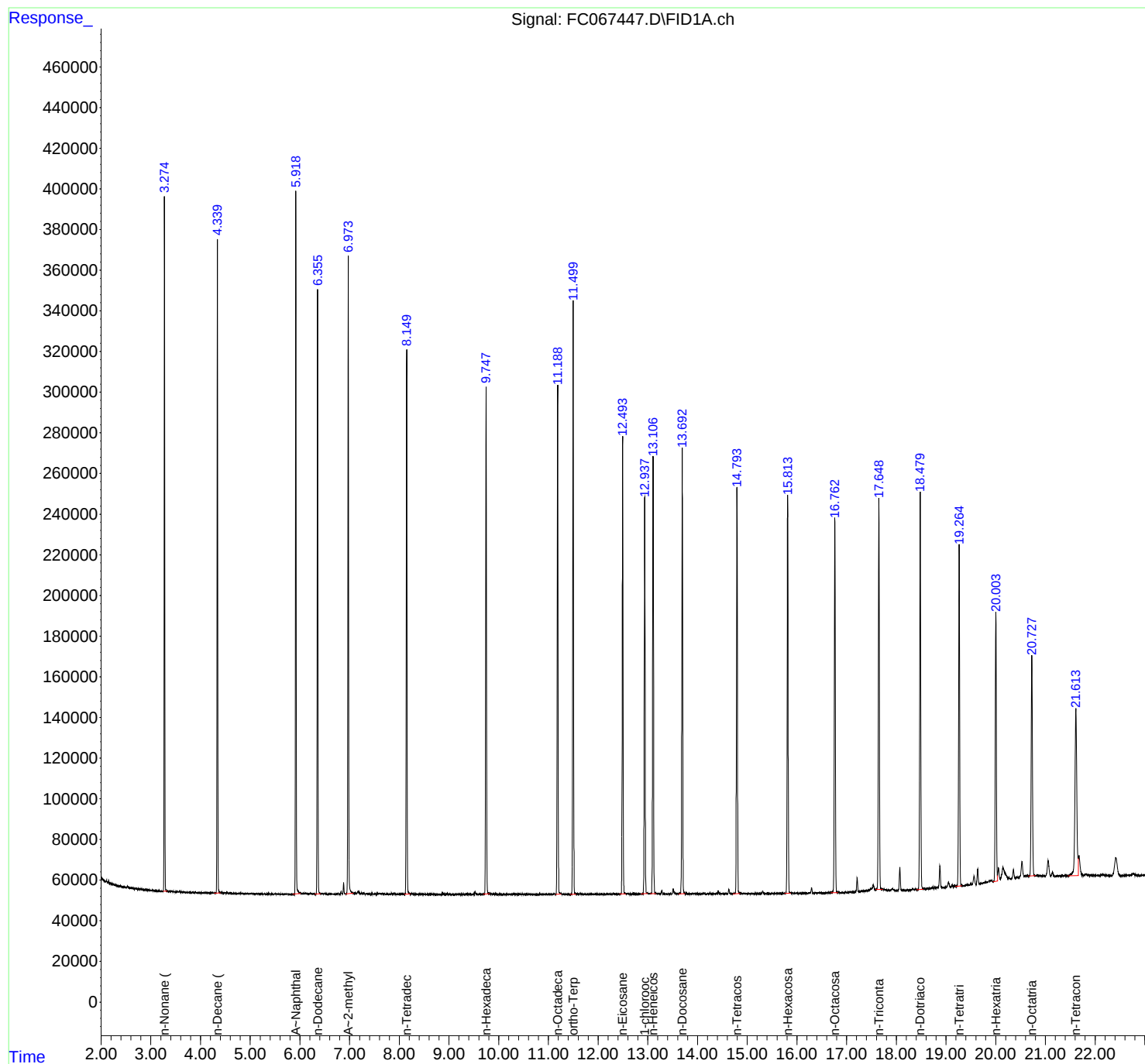
(m)=manual int.

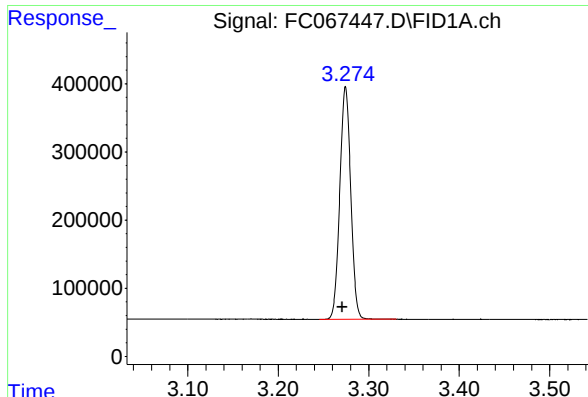
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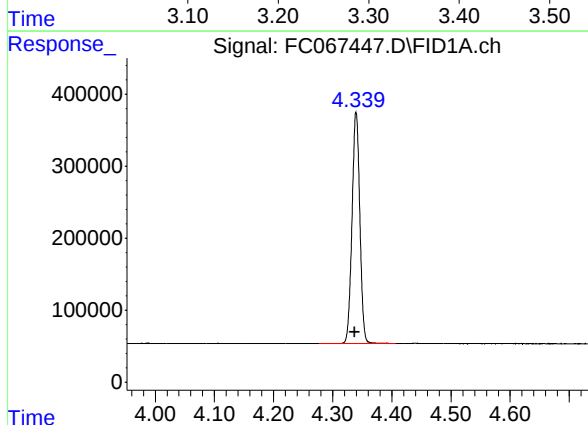




#1 n-Nonane (C9)

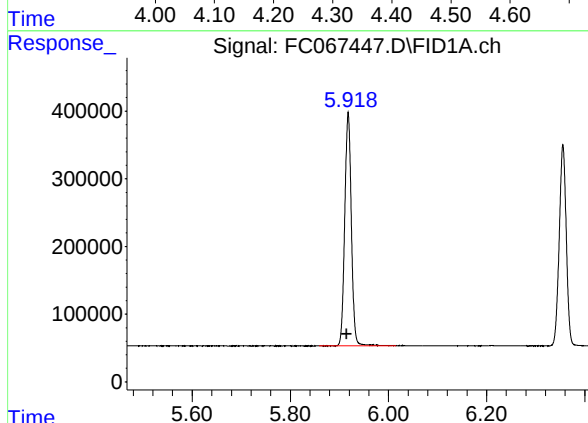
R.T.: 3.274 min
Delta R.T.: 0.003 min
Response: 2867937
Conc: 22.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



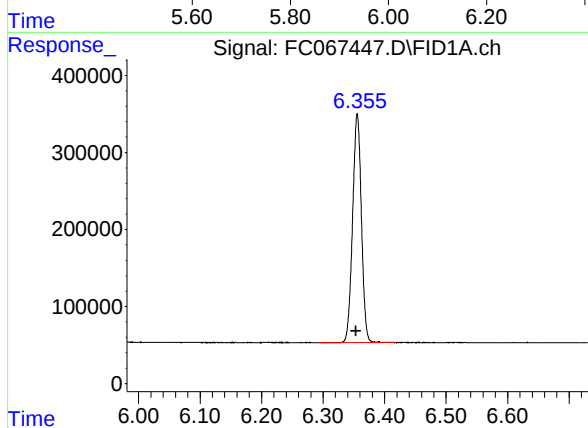
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 2951607
Conc: 22.96 ug/ml



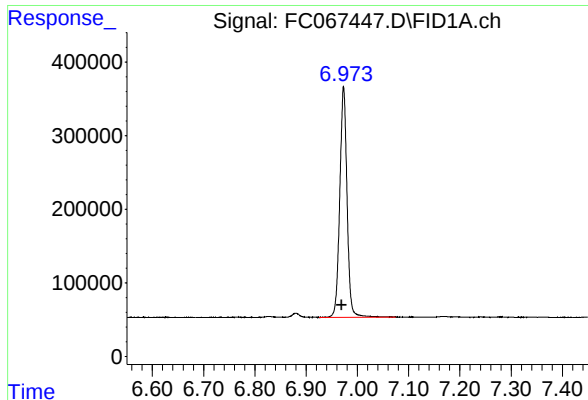
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 3216995
Conc: 22.68 ug/ml



#4 n-Dodecane (C12)

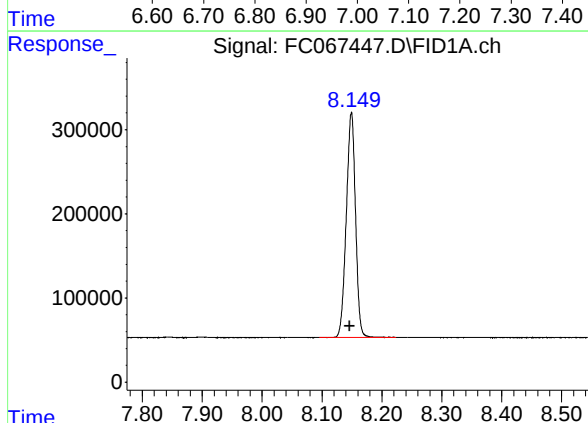
R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 2953269
Conc: 22.76 ug/ml



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

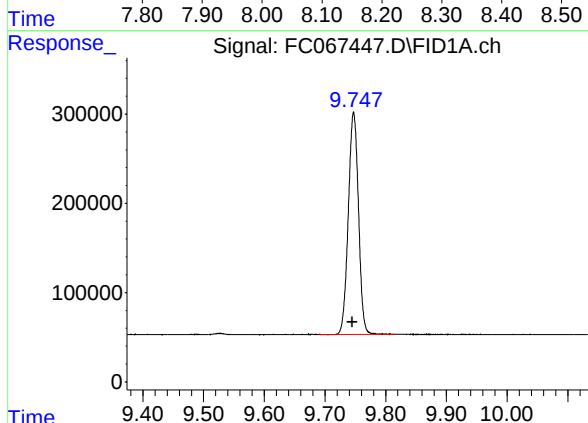
R.T.: 6.973 min
Delta R.T.: 0.003 min
Response: 3080455
Conc: 22.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



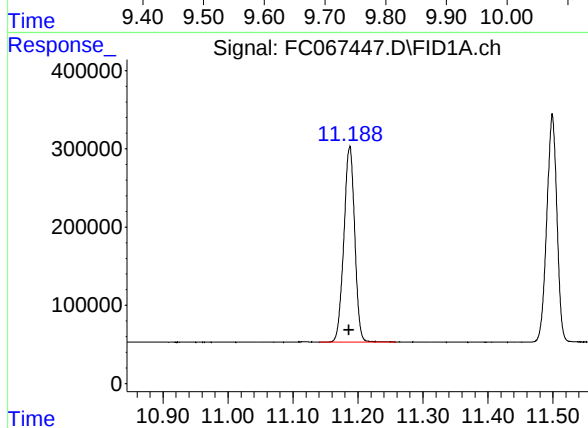
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.003 min
Response: 2874107
Conc: 22.31 ug/ml



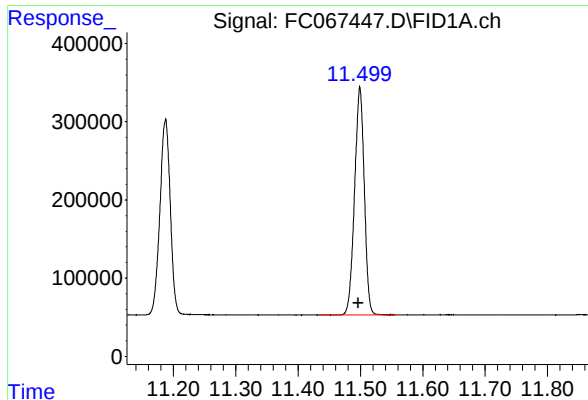
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.002 min
Response: 2898265
Conc: 21.77 ug/ml



#8 n-Octadecane (C18)

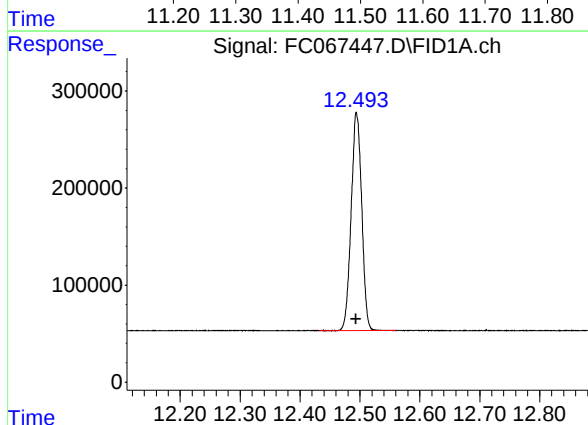
R.T.: 11.187 min
Delta R.T.: 0.001 min
Response: 2898989
Conc: 21.38 ug/ml



#9 ortho-Terphenyl (SURR)

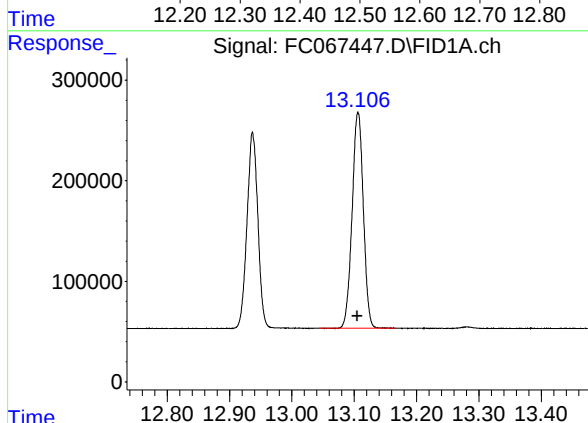
R.T.: 11.499 min
Delta R.T.: 0.002 min
Response: 3154587
Conc: 20.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



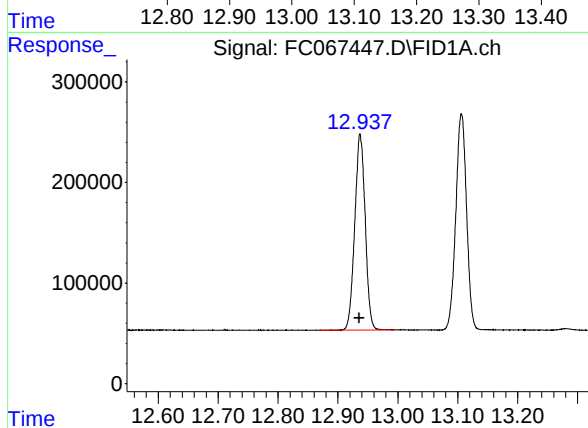
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.001 min
Response: 2751370
Conc: 21.07 ug/ml



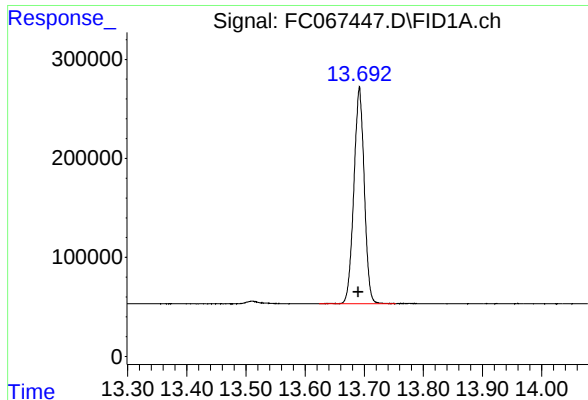
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: 0.002 min
Response: 2689637
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

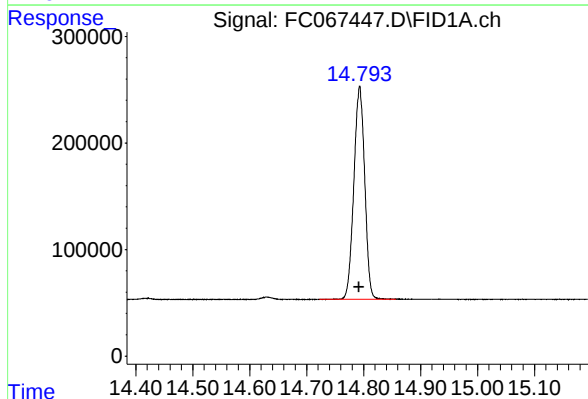
R.T.: 12.937 min
Delta R.T.: 0.001 min
Response: 2355710
Conc: 20.81 ug/ml



#13 n-Docosane (C22)

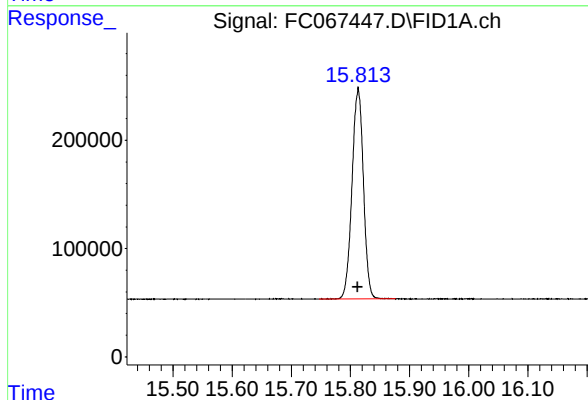
R.T.: 13.692 min
Delta R.T.: 0.001 min
Response: 2668741
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



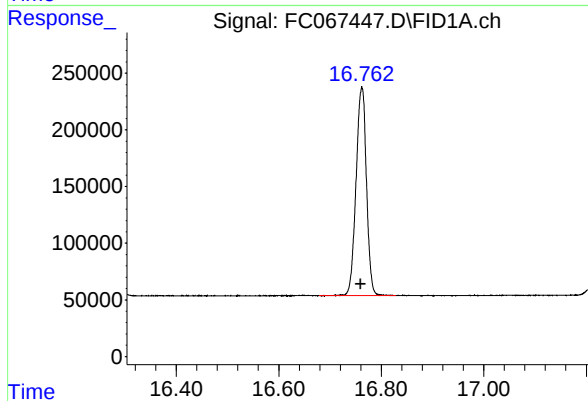
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.001 min
Response: 2643695
Conc: 20.67 ug/ml



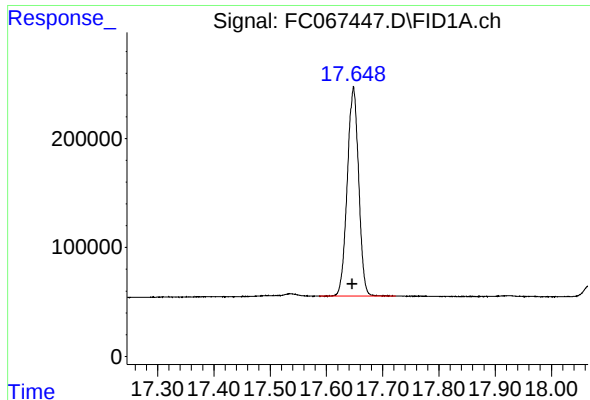
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 2604144
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

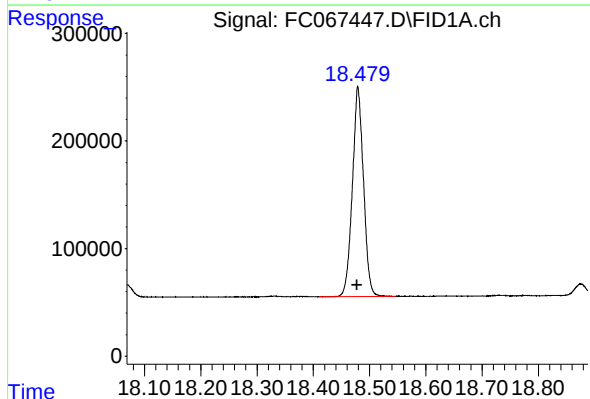
R.T.: 16.762 min
Delta R.T.: 0.002 min
Response: 2597310
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

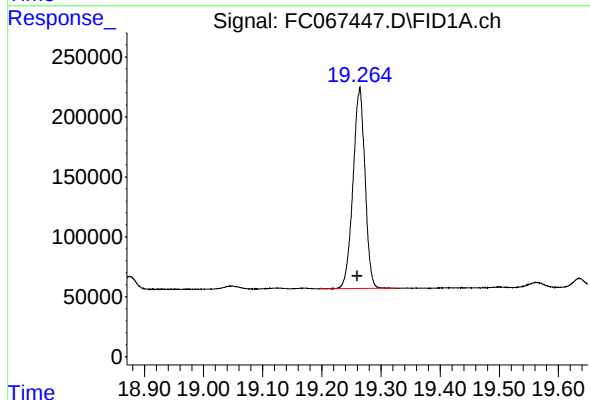
R.T.: 17.648 min
Delta R.T.: 0.002 min
Response: 2701429
Conc: 20.97 ug/ml

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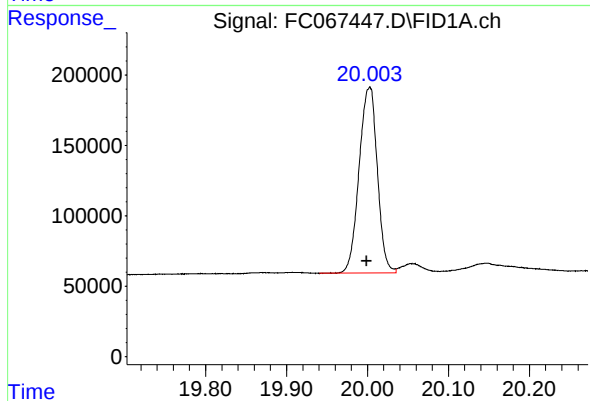
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: 0.002 min
Response: 2679898
Conc: 21.45 ug/ml



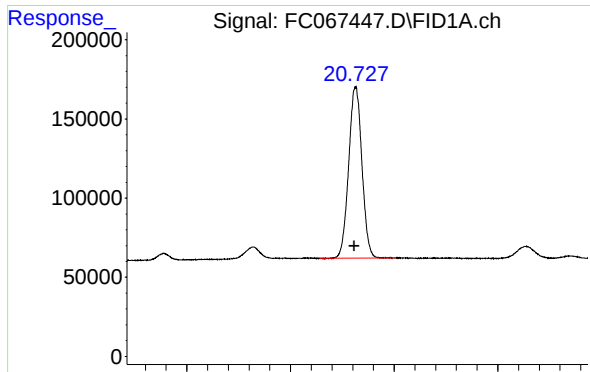
#19 n-Tetatriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.004 min
Response: 2363706
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

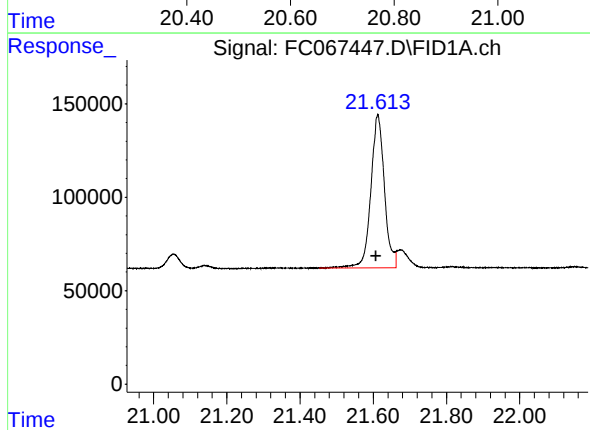
R.T.: 20.002 min
Delta R.T.: 0.003 min
Response: 2064394
Conc: 21.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.002 min
Response: 1926716
Conc: 21.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.005 min
Response: 2106932
Conc: 24.49 ug/ml