

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091124AL\
 Data File : FC067102.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 20:34
 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: sample.E
 Quant Time: Sep 11 04:20:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.508	2770551	19.897 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	12.946	2022286	20.702 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
Target Compounds			
1) T n-Nonane (C9)	3.280	2612302	19.694 ug/ml
2) T n-Decane (C10)	4.346	2662139	19.821 ug/ml
3) T A~Naphthalene (C11.7)	5.925	2804362	19.732 ug/ml
4) T n-Dodecane (C12)	6.362	2674878	19.983 ug/ml
5) T A~2-methylnaphthalene...	6.981	2648578	19.834 ug/ml
6) T n-Tetradecane (C14)	8.156	2609653	20.249 ug/ml
7) T n-Hexadecane (C16)	9.755	2649399	20.550 ug/ml
8) T n-Octadecane (C18)	11.195	2636424	20.606 ug/ml
10) T n-Eicosane (C20)	12.503	2469637	20.561 ug/ml
11) T n-Heneicosane (C21)	13.115	2391697	20.478 ug/ml
13) T n-Docosane (C22)	13.700	2353286	20.382 ug/ml
14) T n-Tetracosane (C24)	14.802	2299221	20.246 ug/ml
15) T n-Hexacosane (C26)	15.821	2233555	20.153 ug/ml
16) T n-Octacosane (C28)	16.770	2172593	20.113 ug/ml
17) T n-Tricontane (C30)	17.657	2184044	20.079 ug/ml
18) T n-Dotriacontane (C32)	18.489	2101234	20.145 ug/ml
19) T n-Tetratriacontane (C34)	19.272	1858384	20.143 ug/ml
20) T n-Hexatriacontane (C36)	20.010	1616967	20.404 ug/ml
21) T n-Octatriacontane (C38)	20.736	1513572	20.150 ug/ml
22) T n-Tetracontane (C40)	21.625	1415847	20.266 ug/ml

(f)=RT Delta > 1/2 Window

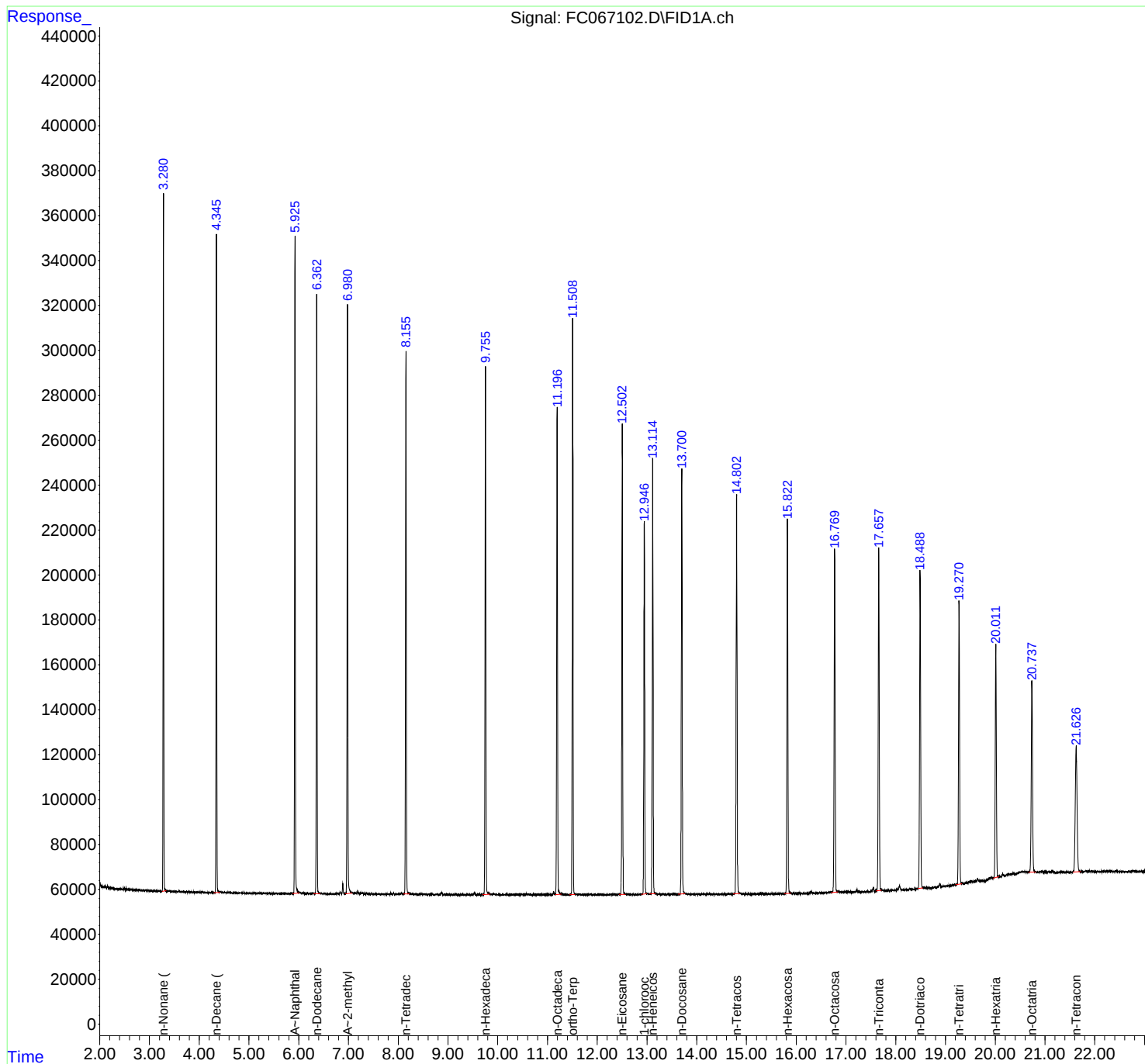
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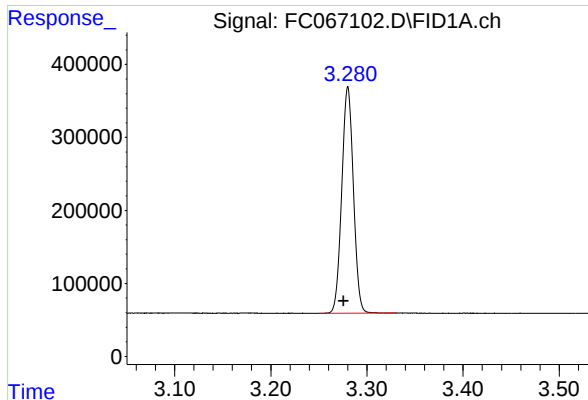
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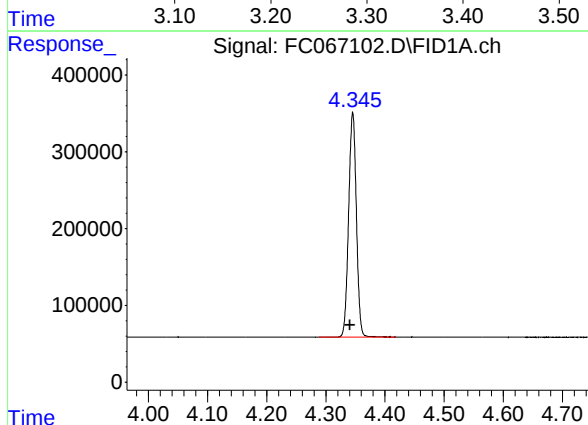




#1 n-Nonane (C9)

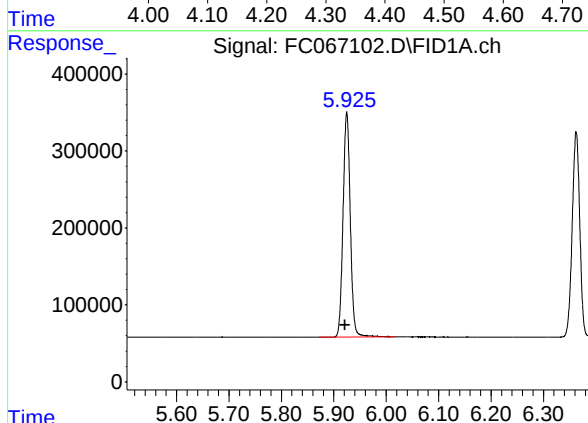
R.T.: 3.280 min
Delta R.T.: 0.004 min
Response: 2612302
Conc: 19.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



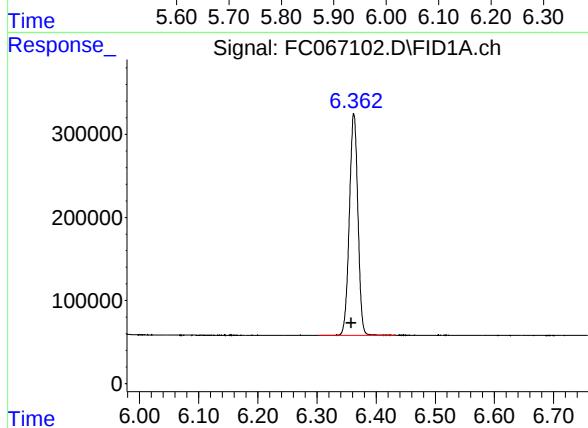
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.005 min
Response: 2662139
Conc: 19.82 ug/ml



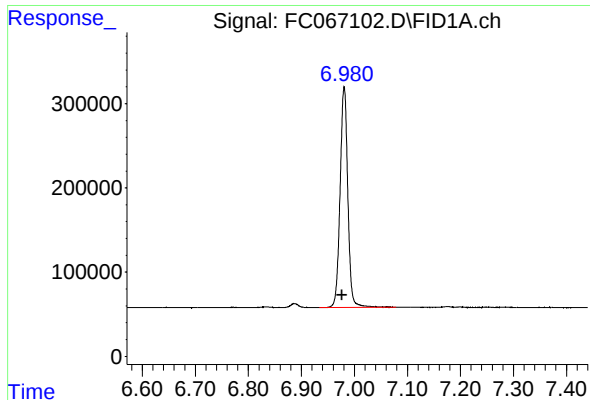
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 2804362
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

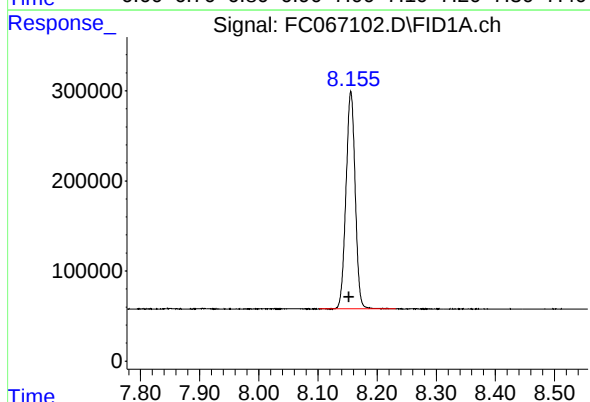
R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 2674878
Conc: 19.98 ug/ml



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

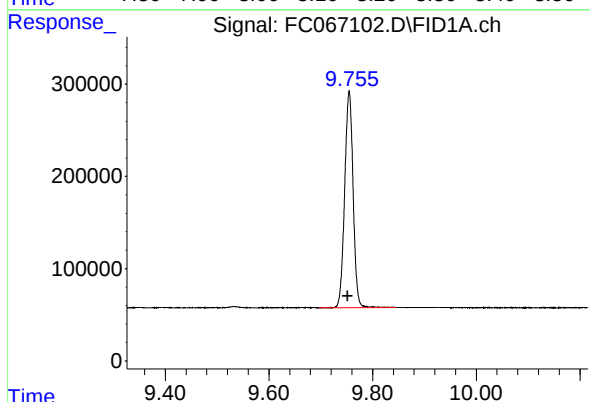
R.T.: 6.981 min
Delta R.T.: 0.004 min
Response: 2648578
Conc: 19.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



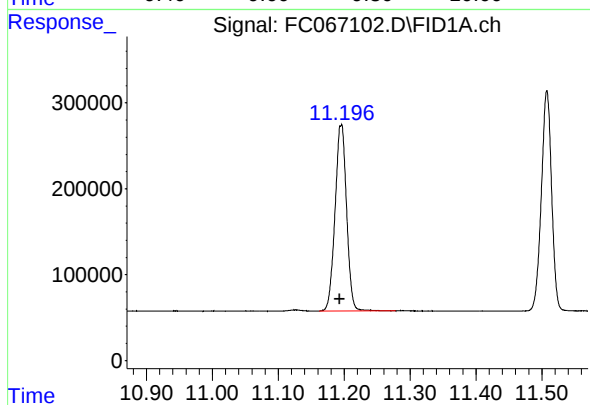
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 2609653
Conc: 20.25 ug/ml



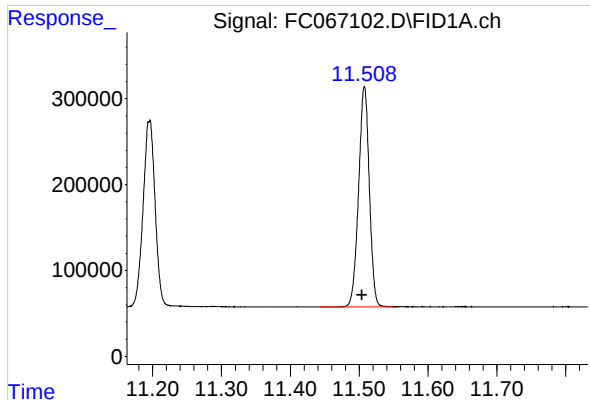
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 2649399
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

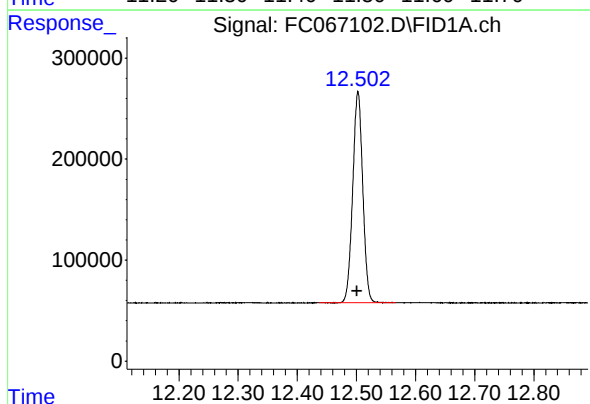
R.T.: 11.195 min
Delta R.T.: 0.003 min
Response: 2636424
Conc: 20.61 ug/ml



#9 ortho-Terphenyl (SURR)

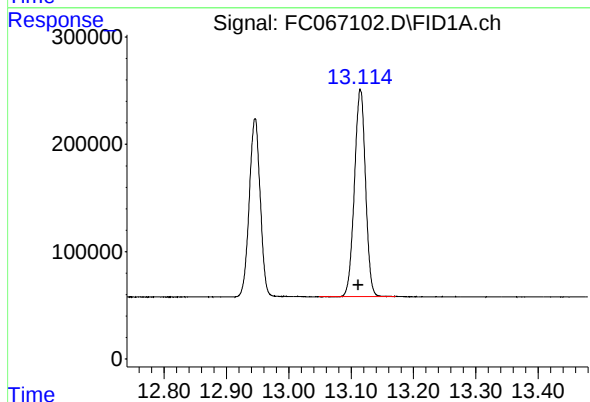
R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 2770551
Conc: 19.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



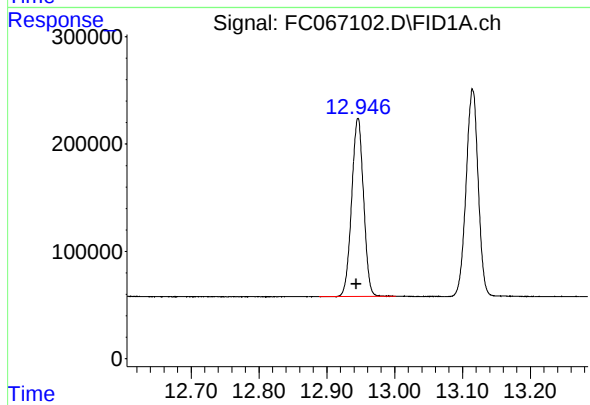
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 2469637
Conc: 20.56 ug/ml



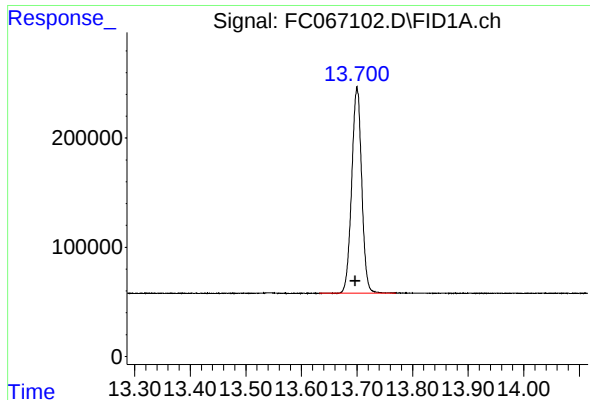
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.003 min
Response: 2391697
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

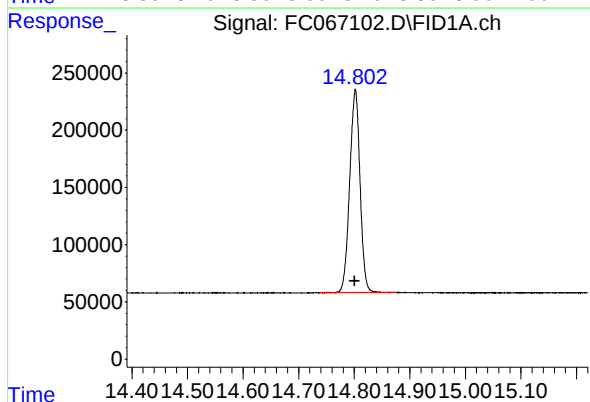
R.T.: 12.946 min
Delta R.T.: 0.002 min
Response: 2022286
Conc: 20.70 ug/ml



#13 n-Docosane (C22)

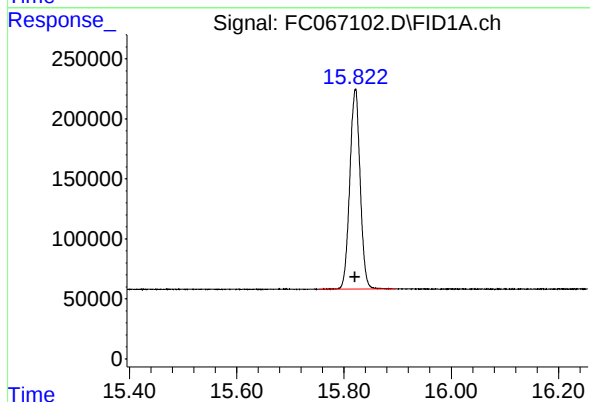
R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 2353286
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



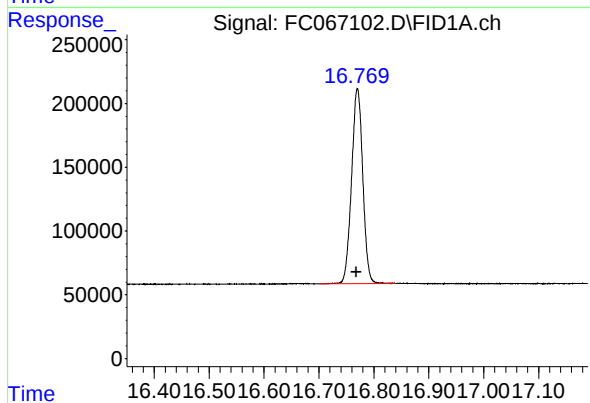
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.001 min
Response: 2299221
Conc: 20.25 ug/ml



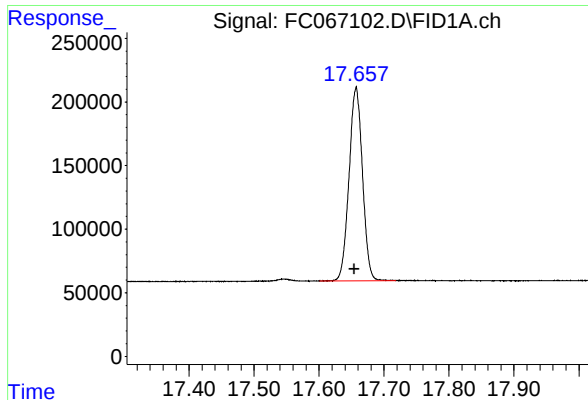
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.000 min
Response: 2233555
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

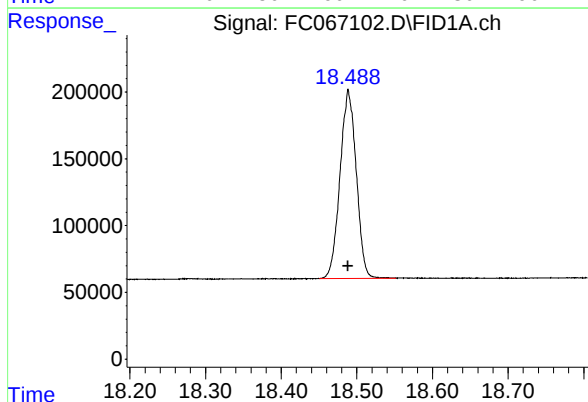
R.T.: 16.770 min
Delta R.T.: 0.002 min
Response: 2172593
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

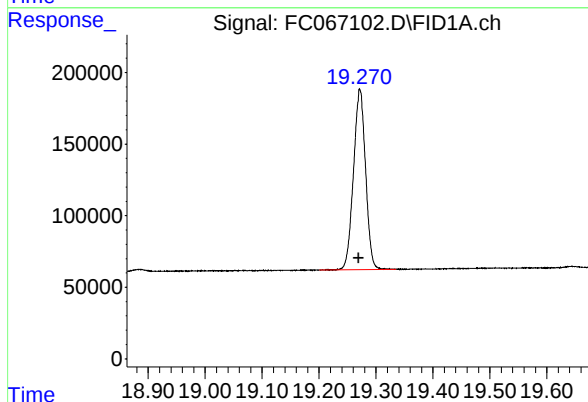
R.T.: 17.657 min
Delta R.T.: 0.003 min
Response: 2184044
Conc: 20.08 ug/ml

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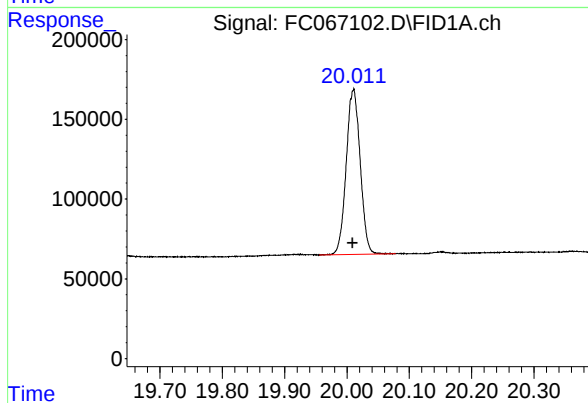
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 2101234
Conc: 20.14 ug/ml



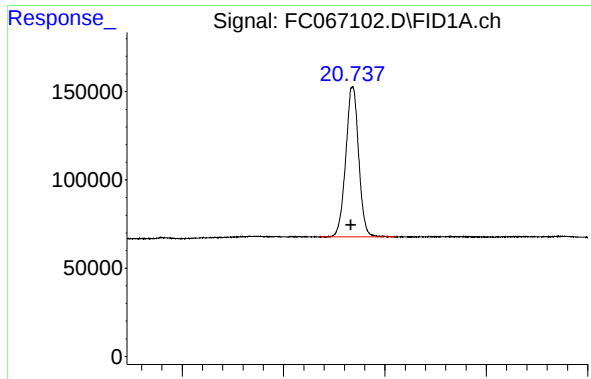
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.002 min
Response: 1858384
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

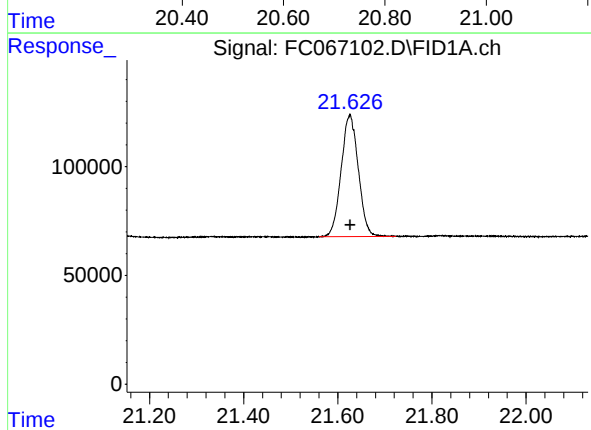
R.T.: 20.010 min
Delta R.T.: 0.001 min
Response: 1616967
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.003 min
Response: 1513572
Conc: 20.15 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: -0.001 min
Response: 1415847
Conc: 20.27 ug/ml