

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102824AL\
 Data File : FC067552.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 08:54
 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: Oct 30 03:45:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.492	2947472	20.088 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	12.930	2171406	20.108 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T n-Nonane (C9)	3.274	2692591	19.986 ug/ml
2) T n-Decane (C10)	4.339	2749171	20.178 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2979389	20.105 ug/ml
4) T n-Dodecane (C12)	6.353	2748333	20.292 ug/ml
5) T A~2-methylnaphthalene...	6.970	2835238	20.077 ug/ml
6) T n-Tetradecane (C14)	8.145	2668899	20.333 ug/ml
7) T n-Hexadecane (C16)	9.742	2702617	20.458 ug/ml
8) T n-Octadecane (C18)	11.181	2703166	20.461 ug/ml
10) T n-Eicosane (C20)	12.488	2567774	20.350 ug/ml
11) T n-Heneicosane (C21)	13.099	2507445	20.317 ug/ml
13) T n-Docosane (C22)	13.683	2486675	20.308 ug/ml
14) T n-Tetracosane (C24)	14.785	2469414	20.373 ug/ml
15) T n-Hexacosane (C26)	15.804	2438933	20.486 ug/ml
16) T n-Octacosane (C28)	16.752	2459823	20.908 ug/ml
17) T n-Tricontane (C30)	17.638	2614383	21.629 ug/ml
18) T n-Dotriacontane (C32)	18.469	2626446	22.198 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2337290	22.318 ug/ml
20) T n-Hexatriacontane (C36)	19.989	1992304	21.887 ug/ml
21) T n-Octatriacontane (C38)	20.709	1835427	21.194 ug/ml
22) T n-Tetracontane (C40)	21.592	1763477	20.744 ug/ml

(f)=RT Delta > 1/2 Window

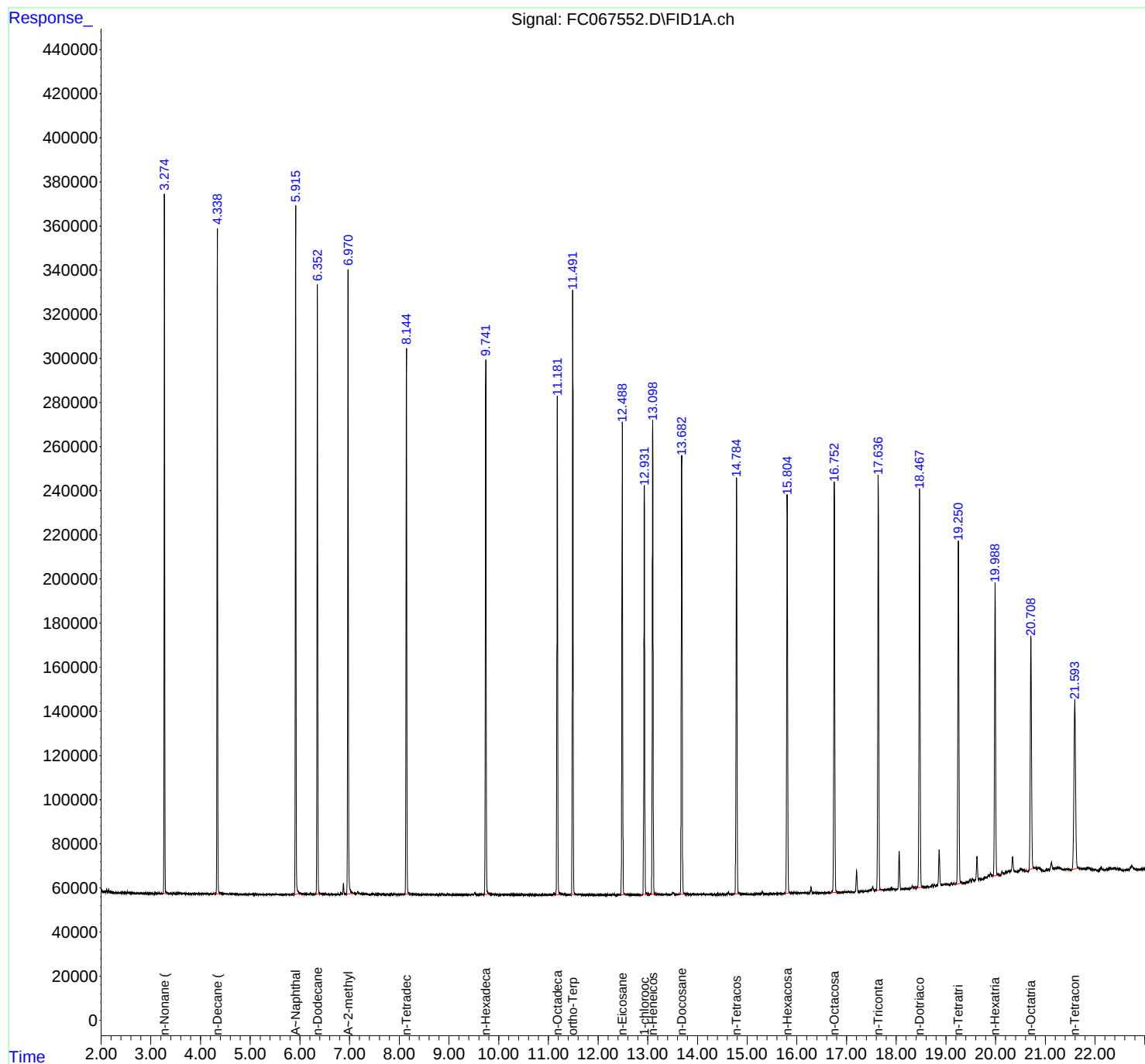
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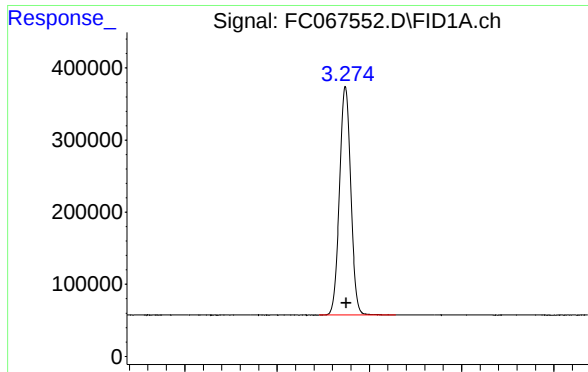
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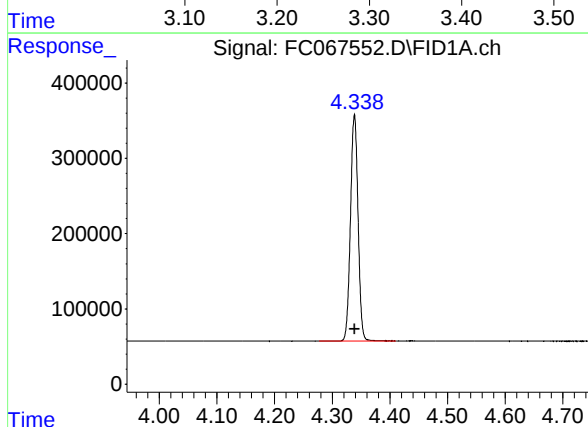




#1 n-Nonane (C9)

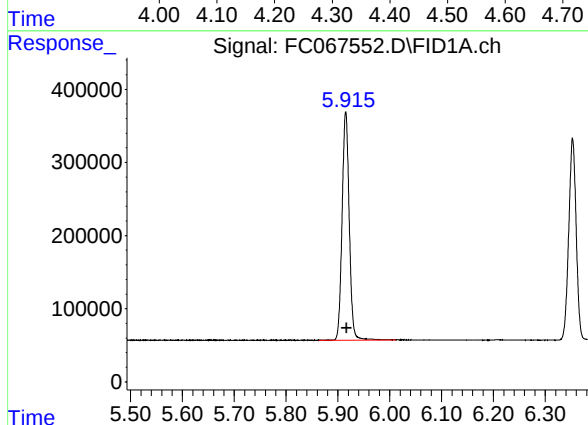
R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 2692591
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



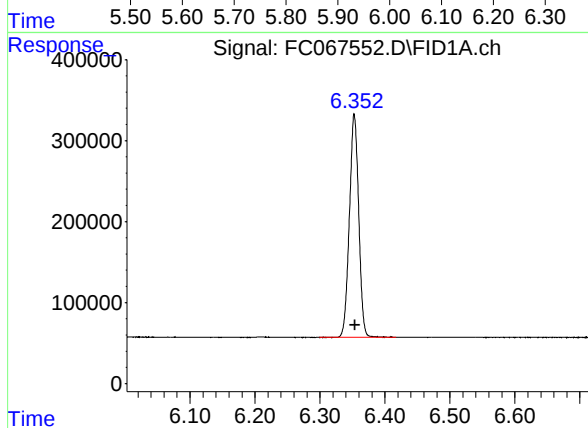
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 2749171
Conc: 20.18 ug/ml



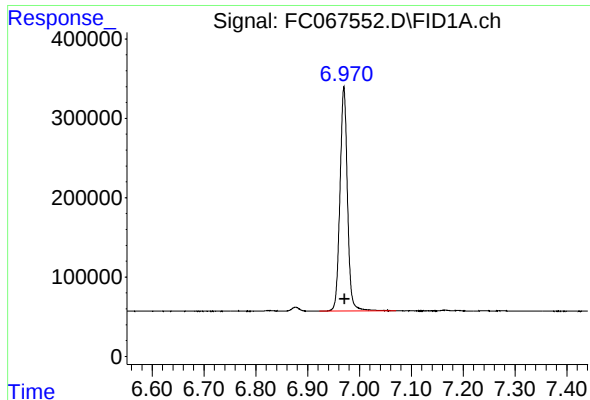
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 2979389
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

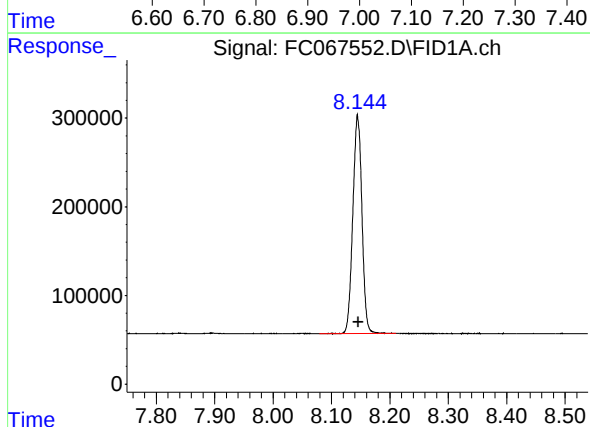
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2748333
Conc: 20.29 ug/ml



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

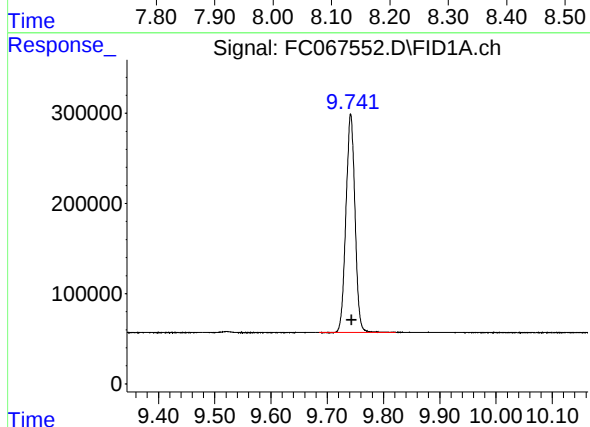
R.T.: 6.970 min
Delta R.T.: -0.001 min
Response: 2835238
Conc: 20.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



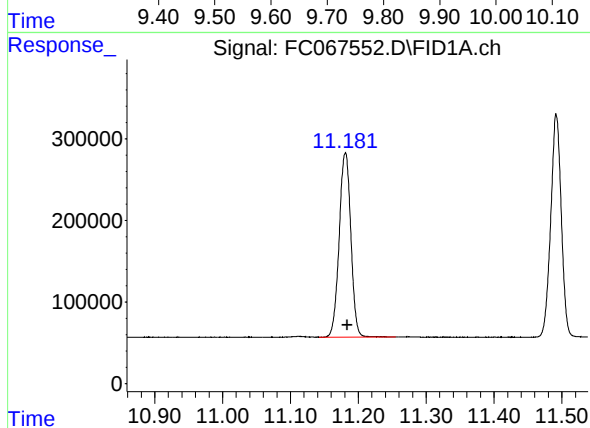
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.001 min
Response: 2668899
Conc: 20.33 ug/ml



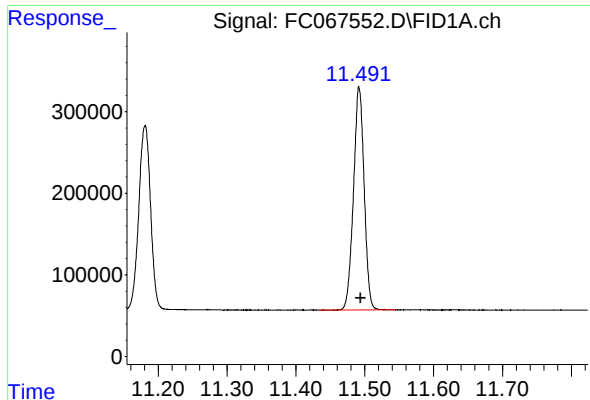
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 2702617
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

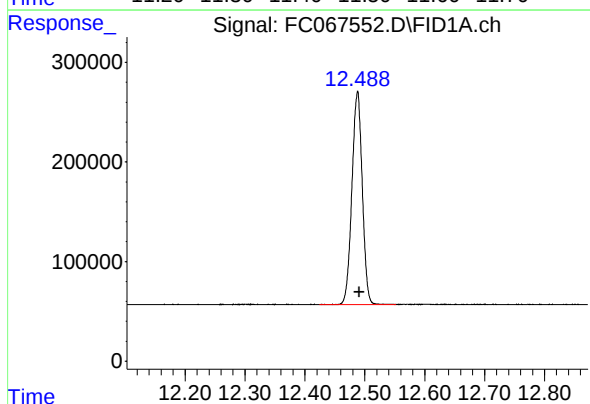
R.T.: 11.181 min
Delta R.T.: -0.003 min
Response: 2703166
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

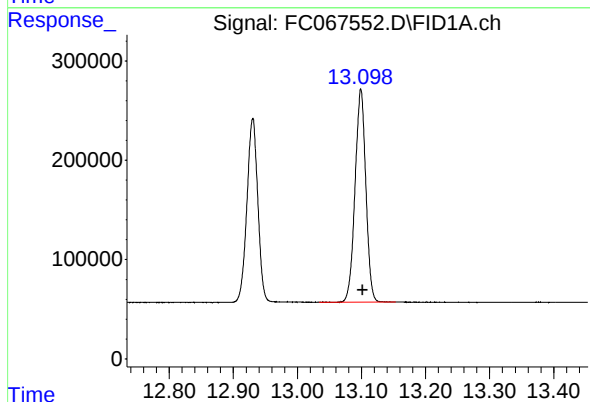
R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 2947472
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



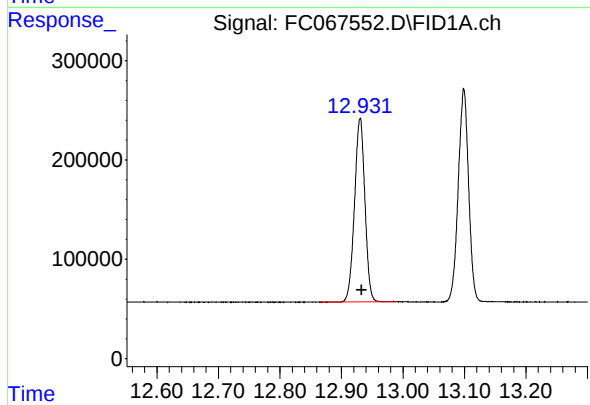
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: -0.003 min
Response: 2567774
Conc: 20.35 ug/ml



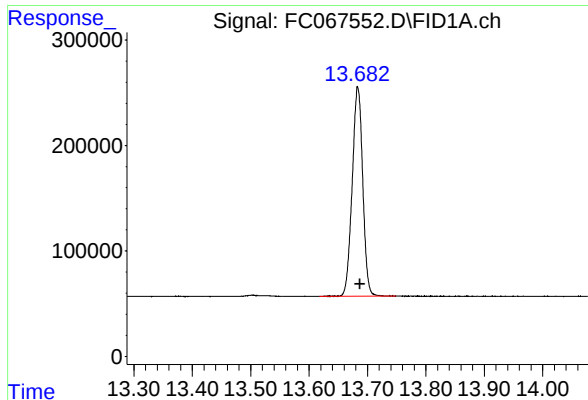
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2507445
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

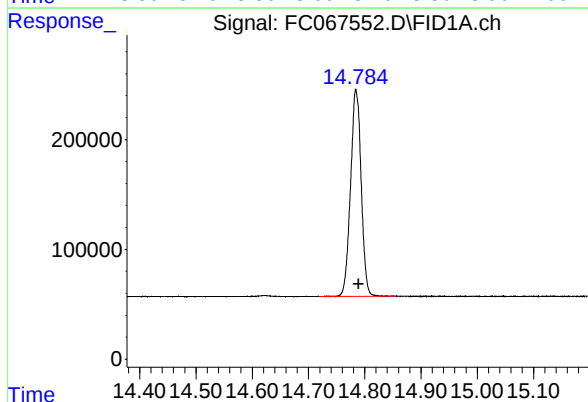
R.T.: 12.930 min
Delta R.T.: -0.003 min
Response: 2171406
Conc: 20.11 ug/ml



#13 n-Docosane (C22)

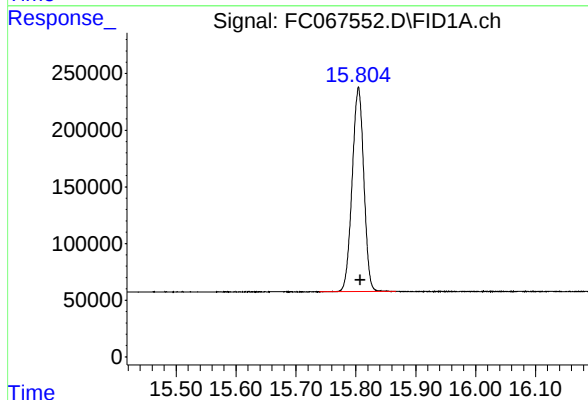
R.T.: 13.683 min
Delta R.T.: -0.004 min
Response: 2486675
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



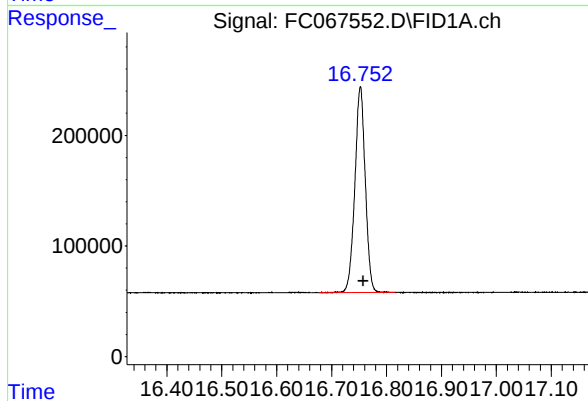
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.005 min
Response: 2469414
Conc: 20.37 ug/ml



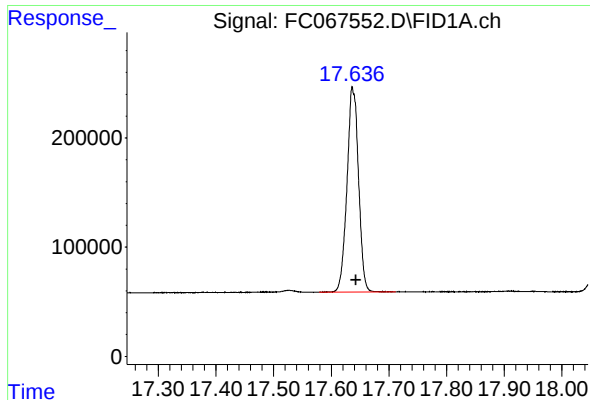
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 2438933
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

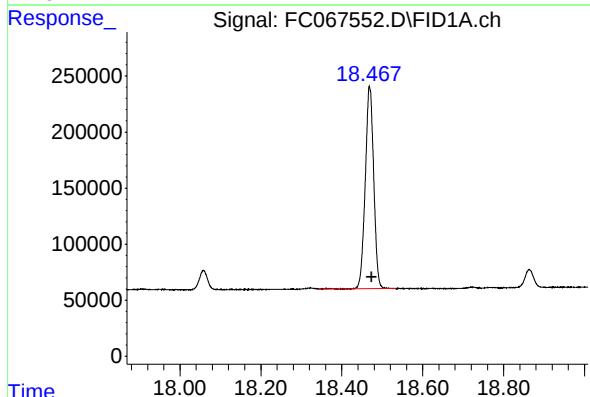
R.T.: 16.752 min
Delta R.T.: -0.005 min
Response: 2459823
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

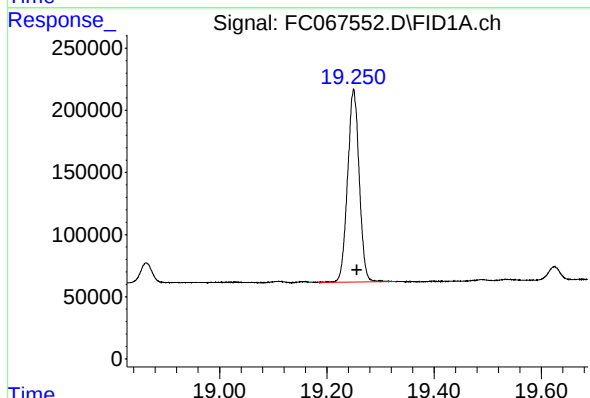
R.T.: 17.638 min
Delta R.T.: -0.005 min
Response: 2614383
Conc: 21.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



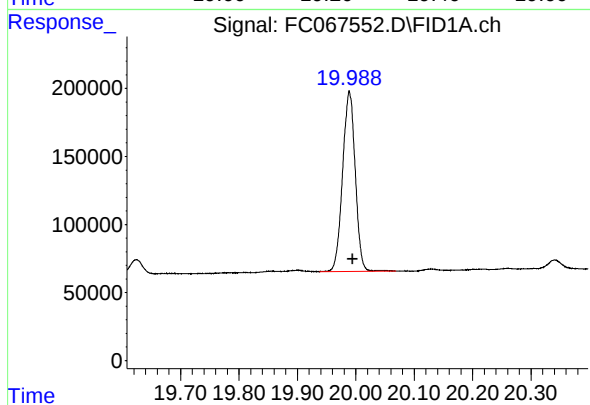
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.005 min
Response: 2626446
Conc: 22.20 ug/ml



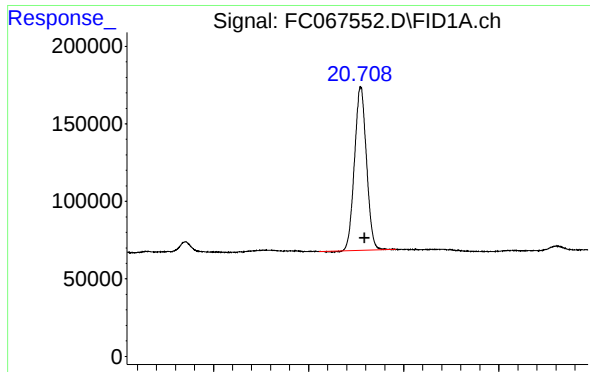
#19 n-Tetatriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.006 min
Response: 2337290
Conc: 22.32 ug/ml



#20 n-Hexatriacontane (C36)

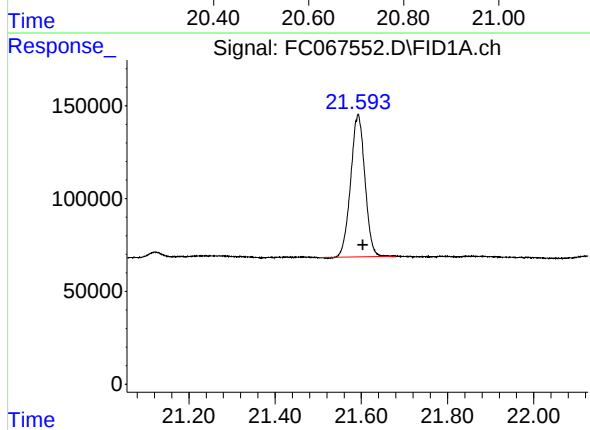
R.T.: 19.989 min
Delta R.T.: -0.005 min
Response: 1992304
Conc: 21.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: -0.009 min
Response: 1835427
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: -0.011 min
Response: 1763477
Conc: 20.74 ug/ml