

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091124AL\
 Data File : FG014212.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 23:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 11 07:18:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:16:16 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)	11.821	2635312	19.521 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	13.269	2033443	19.450 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.201	2318373	19.234 ug/ml
2) T n-Decane (C10)	4.451	2360177	19.250 ug/ml
3) T A~Naphthalene (C11.7)	6.151	2439228	19.747 ug/ml
4) T n-Dodecane (C12)	6.622	2346499	19.348 ug/ml
5) T A~2-methylnaphthalene...	7.250	2209603	20.384 ug/ml
6) T n-Tetradecane (C14)	8.455	2354403	19.781 ug/ml
7) T n-Hexadecane (C16)	10.066	2424426	19.425 ug/ml
8) T n-Octadecane (C18)	11.511	2475724	19.477 ug/ml
10) T n-Eicosane (C20)	12.824	2382540	19.419 ug/ml
11) T n-Heneicosane (C21)	13.438	2343239	19.422 ug/ml
13) T n-Docosane (C22)	14.026	2326271	19.409 ug/ml
14) T n-Tetracosane (C24)	15.131	2315378	19.447 ug/ml
15) T n-Hexacosane (C26)	16.155	2270531	19.476 ug/ml
16) T n-Octacosane (C28)	17.107	2212362	19.456 ug/ml
17) T n-Tricontane (C30)	17.997	2251619	19.502 ug/ml
18) T n-Dotriacontane (C32)	18.830	2169213	19.506 ug/ml
19) T n-Tetratriacontane (C34)	19.616	1903533	19.519 ug/ml
20) T n-Hexatriacontane (C36)	20.358	1649599	18.472 ug/ml
21) T n-Octatriacontane (C38)	21.087	1579455	19.565 ug/ml
22) T n-Tetracontane (C40)	21.982	1587739	19.505 ug/ml

(f)=RT Delta > 1/2 Window

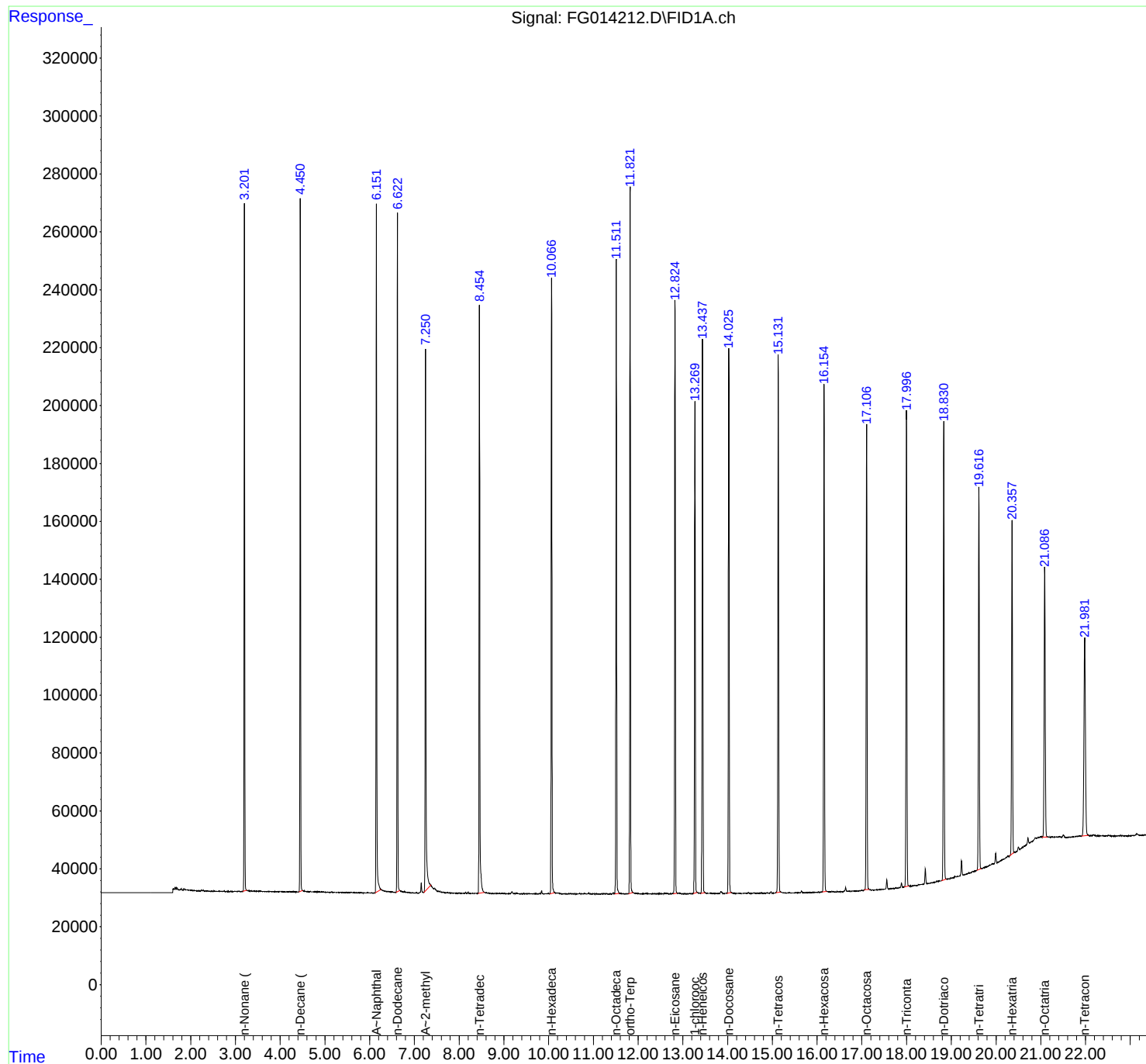
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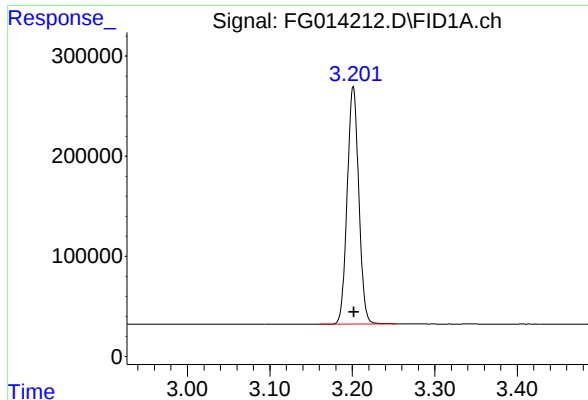
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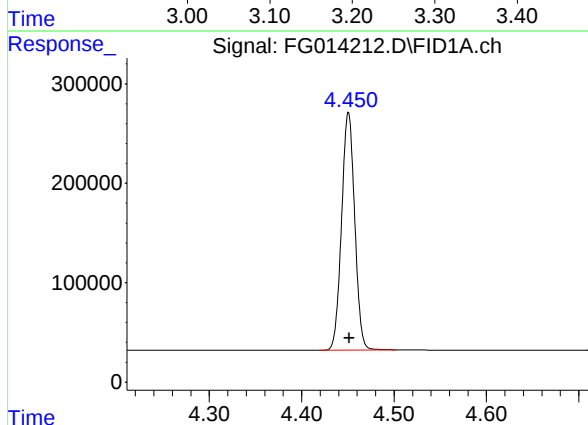




#1 n-Nonane (C9)

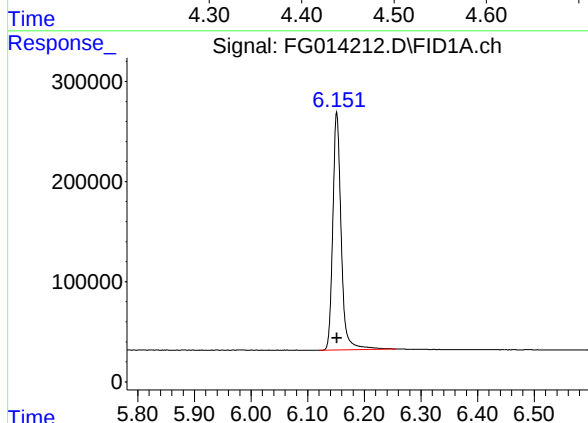
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 2318373
Conc: 19.23 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



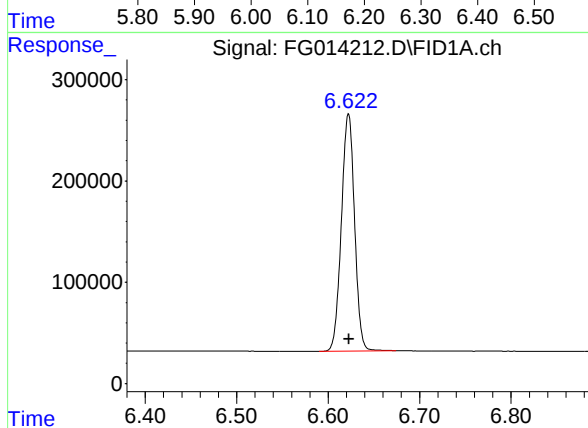
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 2360177
Conc: 19.25 ug/ml



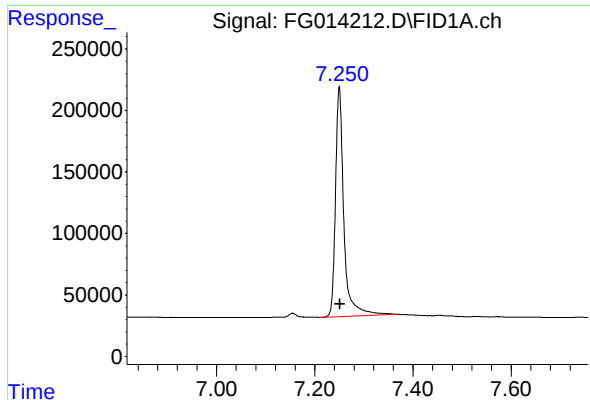
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 2439228
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

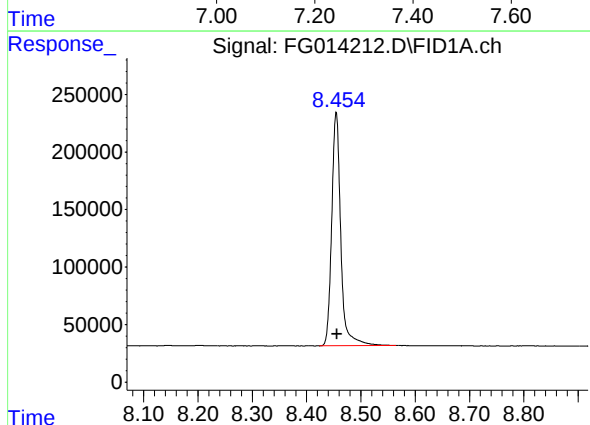
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 2346499
Conc: 19.35 ug/ml



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

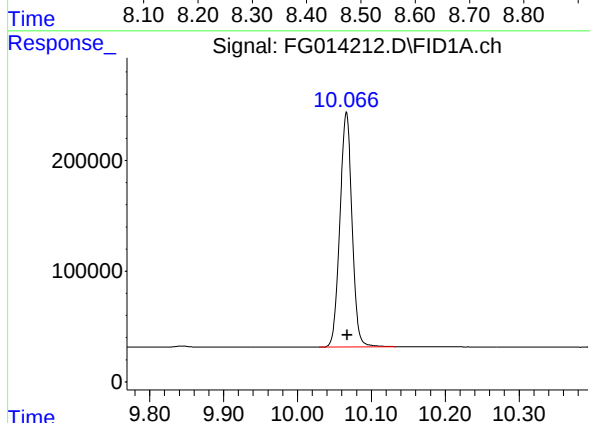
R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 2209603
Conc: 20.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



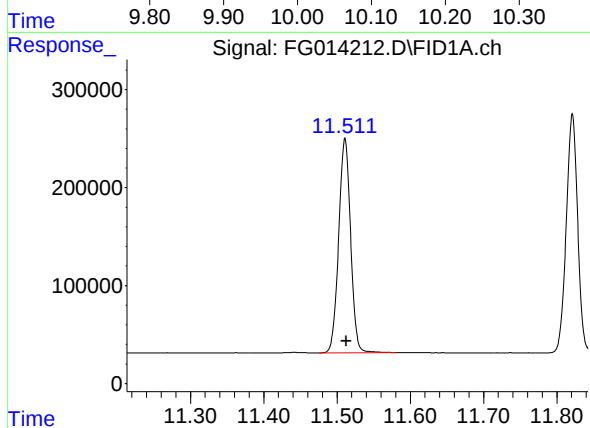
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: -0.001 min
Response: 2354403
Conc: 19.78 ug/ml



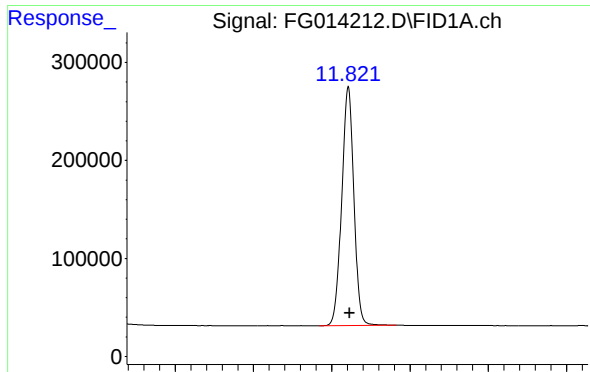
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.001 min
Response: 2424426
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

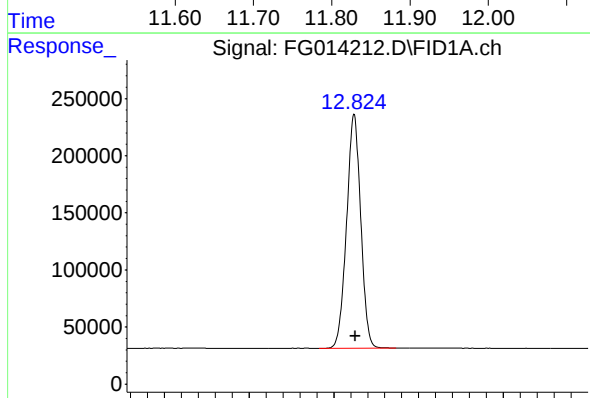
R.T.: 11.511 min
Delta R.T.: -0.002 min
Response: 2475724
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

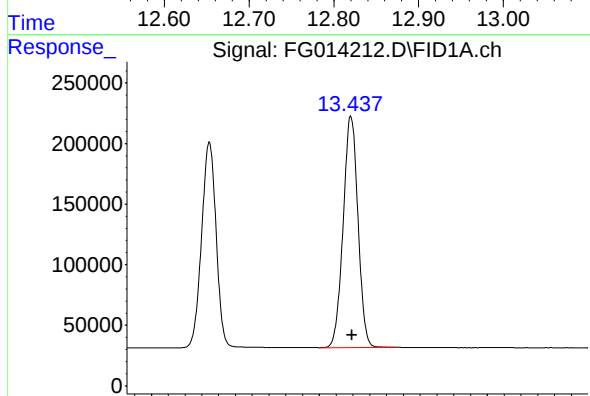
R.T.: 11.821 min
Delta R.T.: -0.001 min
Response: 2635312
Conc: 19.52 ug/ml

Instrument :
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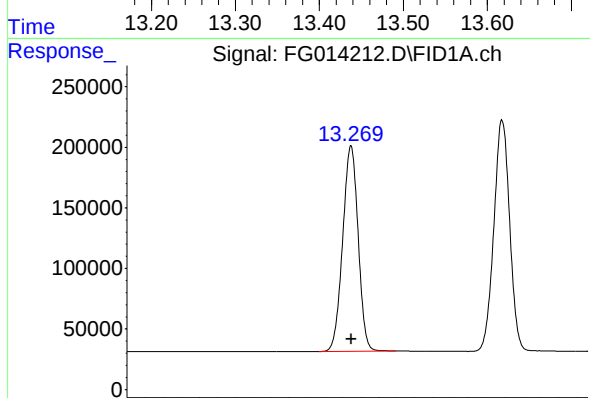
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.001 min
Response: 2382540
Conc: 19.42 ug/ml



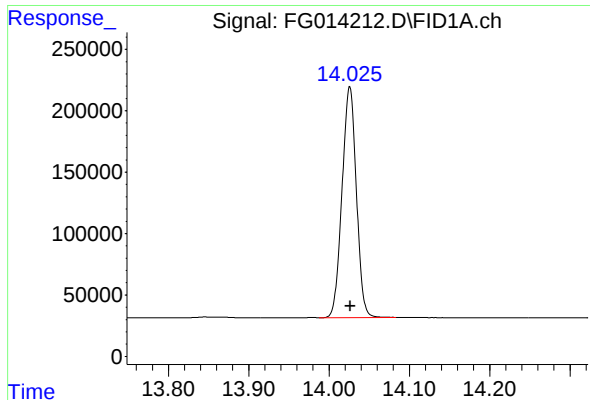
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.001 min
Response: 2343239
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

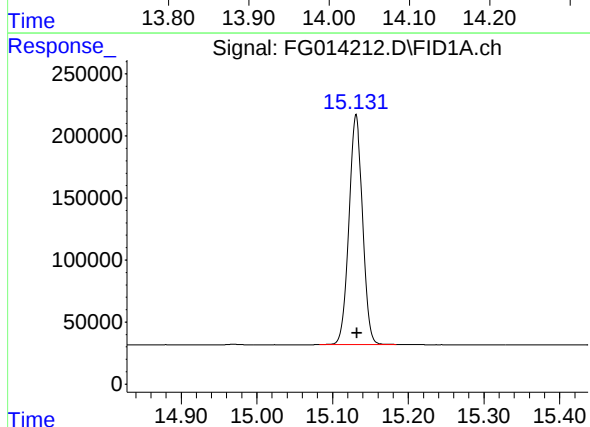
R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2033443
Conc: 19.45 ug/ml



#13 n-Docosane (C22)

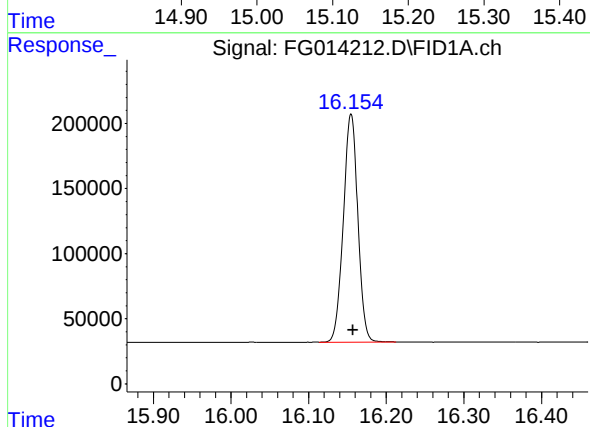
R.T.: 14.026 min
Delta R.T.: 0.000 min
Response: 2326271
Conc: 19.41 ug/ml

Instrument :
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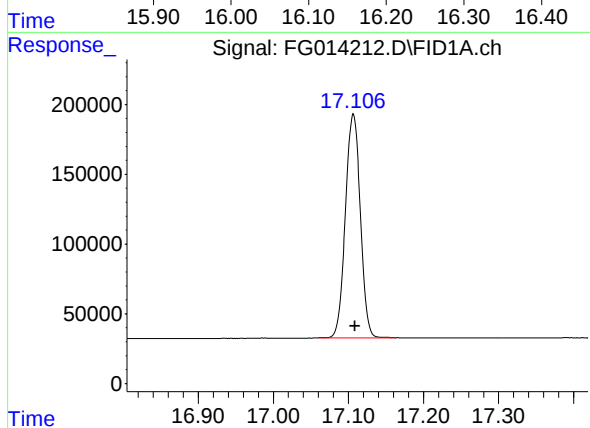
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.001 min
Response: 2315378
Conc: 19.45 ug/ml



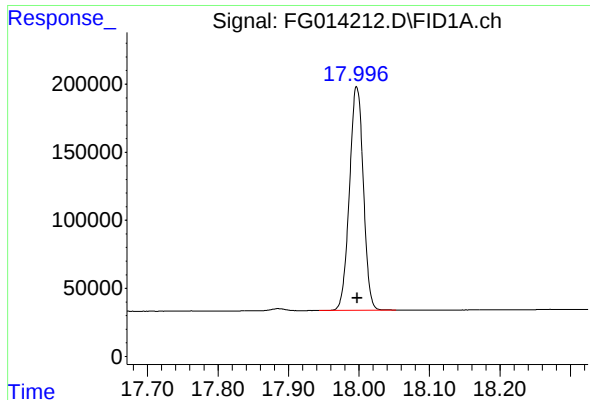
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.002 min
Response: 2270531
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

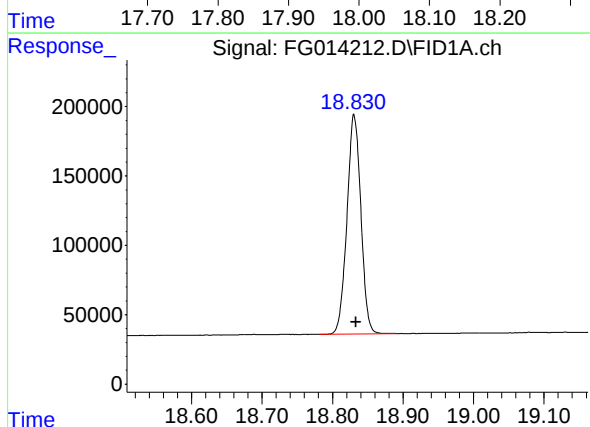
R.T.: 17.107 min
Delta R.T.: -0.002 min
Response: 2212362
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

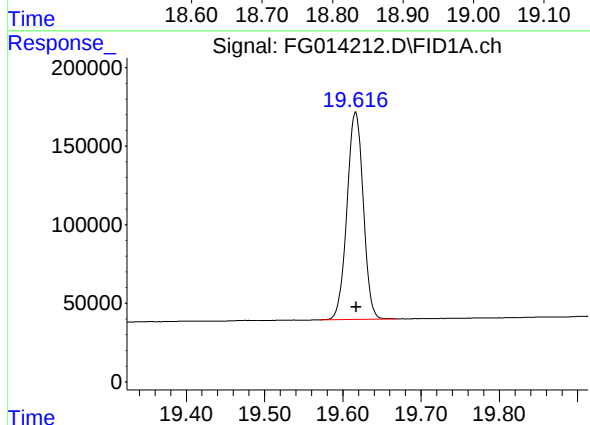
R.T.: 17.997 min
Delta R.T.: 0.000 min
Response: 2251619
Conc: 19.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



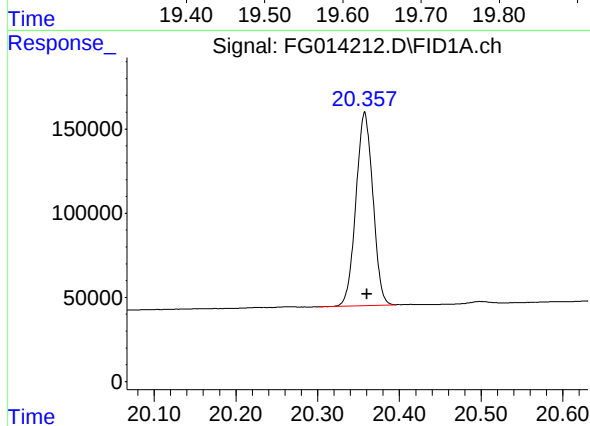
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.003 min
Response: 2169213
Conc: 19.51 ug/ml



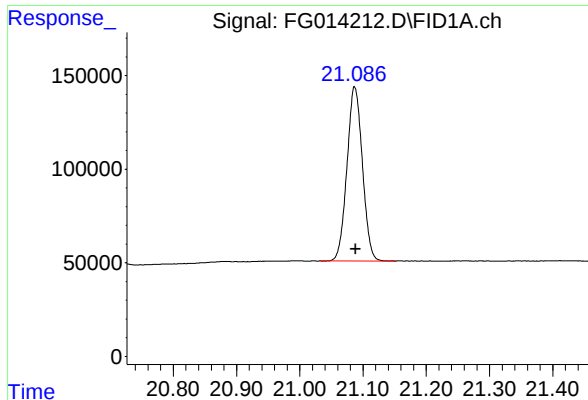
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min
Delta R.T.: 0.000 min
Response: 1903533
Conc: 19.52 ug/ml



#20 n-Hexatriacontane (C36)

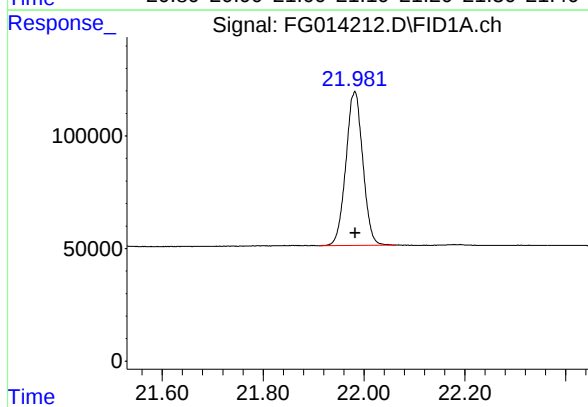
R.T.: 20.358 min
Delta R.T.: -0.003 min
Response: 1649599
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.002 min
Response: 1579455
Conc: 19.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.000 min
Response: 1587739
Conc: 19.50 ug/ml