

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
 Data File : FG014998.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:05
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 20 13:47:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:47:17 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)	11.958	1497151	9.428 ug/ml
Spiked Amount 50.000		Recovery =	18.86%
12) S 1-chlorooctadecane (S...	13.404	1197569	9.413 ug/ml
Spiked Amount 50.000		Recovery =	18.83%
Target Compounds			
1) T n-Nonane (C9)	3.294	1222809	9.518 ug/ml
2) T n-Decane (C10)	4.556	1247697	9.522 ug/ml
3) T A~Naphthalene (C11.7)	6.268	1371599	9.493 ug/ml
4) T n-Dodecane (C12)	6.737	1262886	9.502 ug/ml
5) T A~2-methylnaphthalene...	7.371	1336121	9.468 ug/ml
6) T n-Tetradecane (C14)	8.575	1271655	9.478 ug/ml
7) T n-Hexadecane (C16)	10.192	1342839	9.454 ug/ml
8) T n-Octadecane (C18)	11.642	1393480	9.452 ug/ml
10) T n-Eicosane (C20)	12.958	1377674	9.435 ug/ml
11) T n-Heneicosane (C21)	13.573	1374909	9.432 ug/ml
13) T n-Docosane (C22)	14.162	1386084	9.424 ug/ml
14) T n-Tetracosane (C24)	15.270	1411561	9.393 ug/ml
15) T n-Hexacosane (C26)	16.296	1418607	9.388 ug/ml
16) T n-Octacosane (C28)	17.250	1414660	9.387 ug/ml
17) T n-Tricontane (C30)	18.141	1454883	9.436 ug/ml
18) T n-Dotriacontane (C32)	18.977	1408612	9.532 ug/ml
19) T n-Tetratriacontane (C34)	19.764	1222658	9.565 ug/ml
20) T n-Hexatriacontane (C36)	20.506	1035063	9.558 ug/ml
21) T n-Octatriacontane (C38)	21.261	968878	9.719 ug/ml
22) T n-Tetracontane (C40)	22.206	907320	9.670 ug/ml

(f)=RT Delta > 1/2 Window

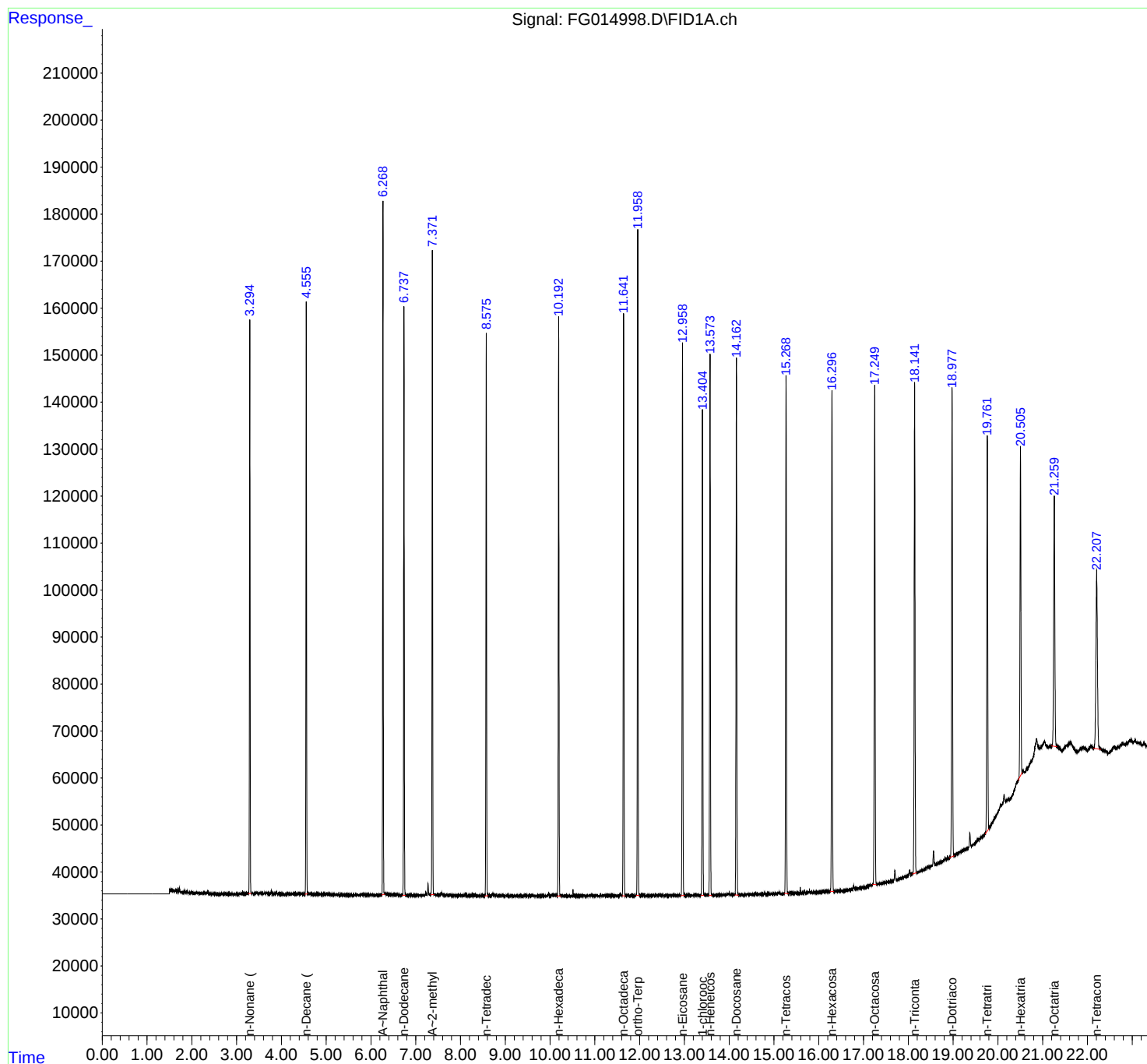
(m)=manual int.

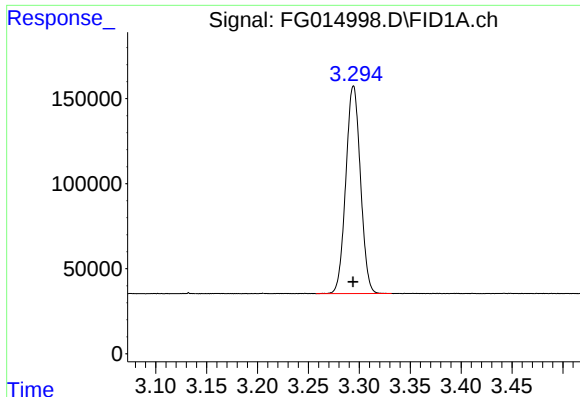
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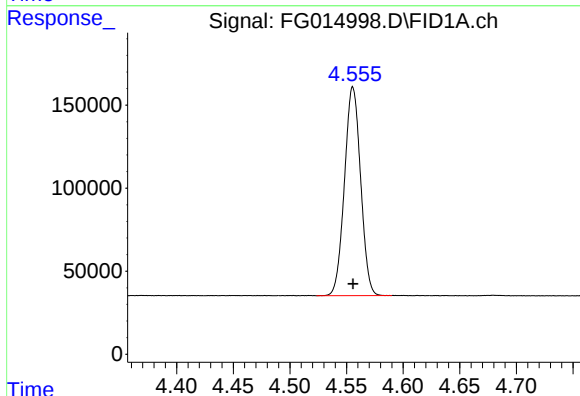




#1 n-Nonane (C9)

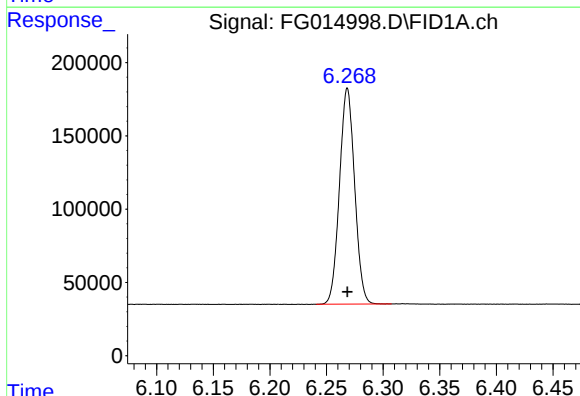
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 1222809
Conc: 9.52 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



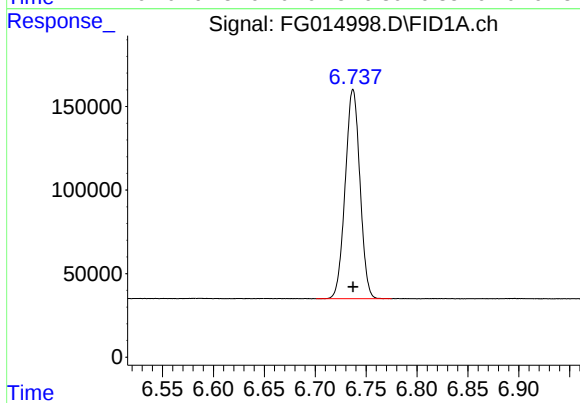
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 1247697
Conc: 9.52 ug/ml



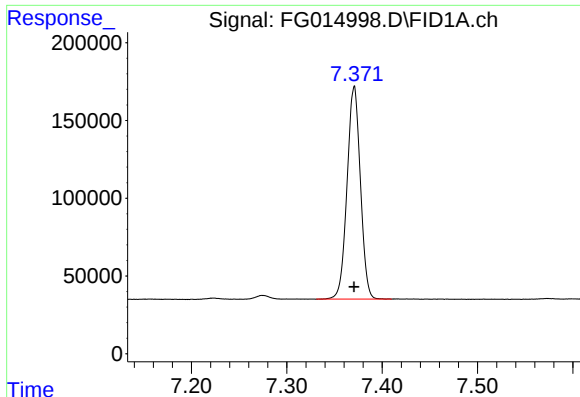
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 1371599
Conc: 9.49 ug/ml



#4 n-Dodecane (C12)

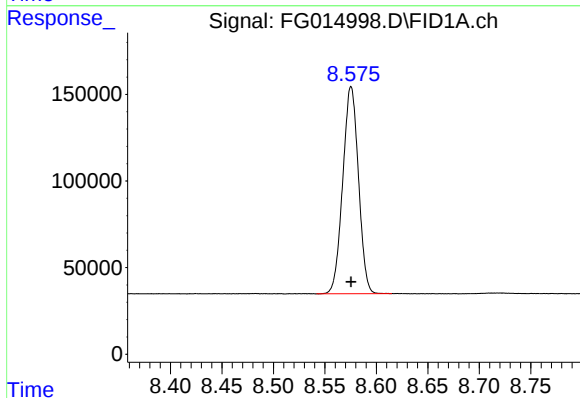
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 1262886
Conc: 9.50 ug/ml



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

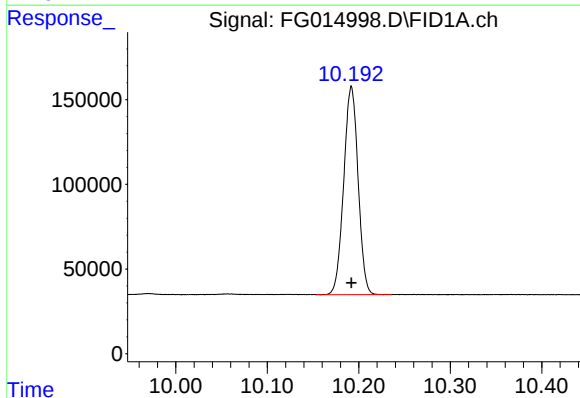
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1336121
Conc: 9.47 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



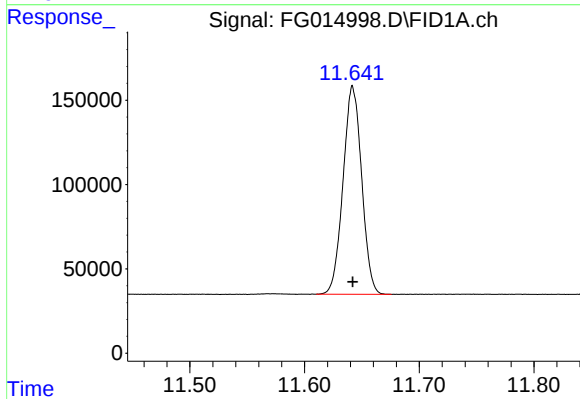
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: 0.000 min
Response: 1271655
Conc: 9.48 ug/ml



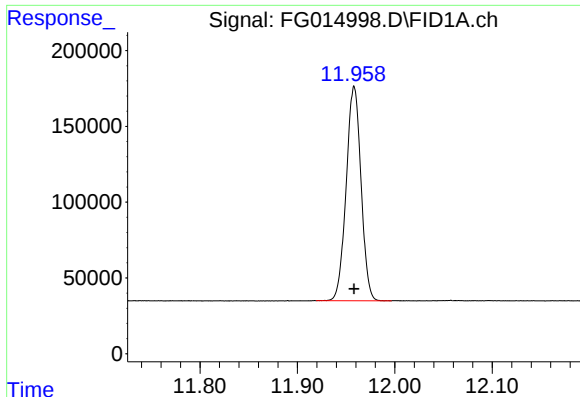
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.000 min
Response: 1342839
Conc: 9.45 ug/ml



#8 n-Octadecane (C18)

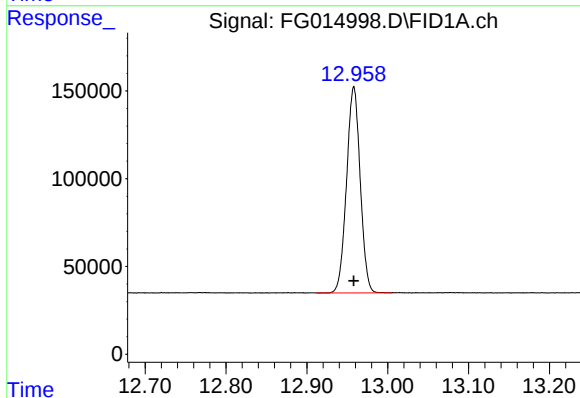
R.T.: 11.642 min
Delta R.T.: 0.000 min
Response: 1393480
Conc: 9.45 ug/ml



#9 ortho-Terphenyl (SURR)

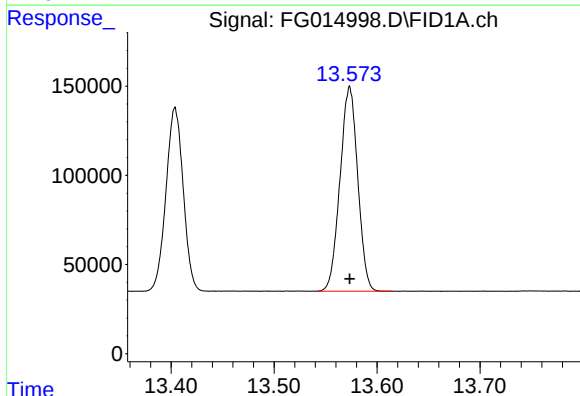
R.T.: 11.958 min
Delta R.T.: 0.000 min
Response: 1497151
Conc: 9.43 ug/ml

Instrument :
FID_G
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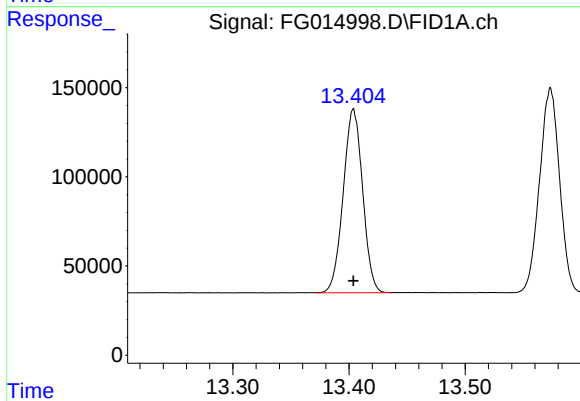
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 1377674
Conc: 9.44 ug/ml



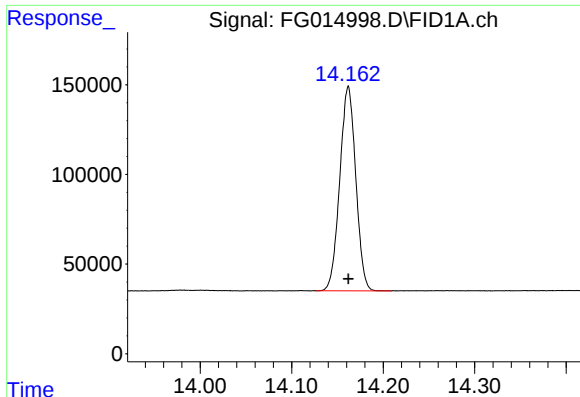
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.000 min
Response: 1374909
Conc: 9.43 ug/ml



#12 1-chlorooctadecane (SURR)

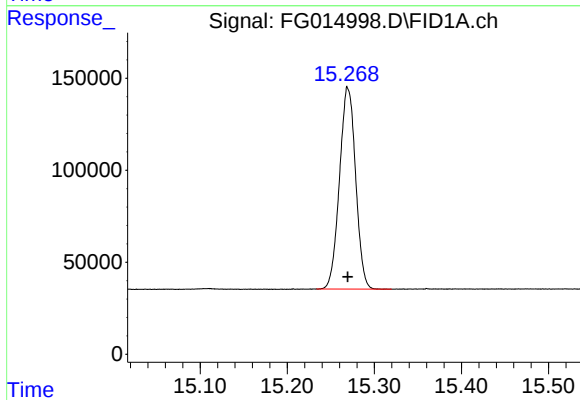
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 1197569
Conc: 9.41 ug/ml



#13 n-Docosane (C22)

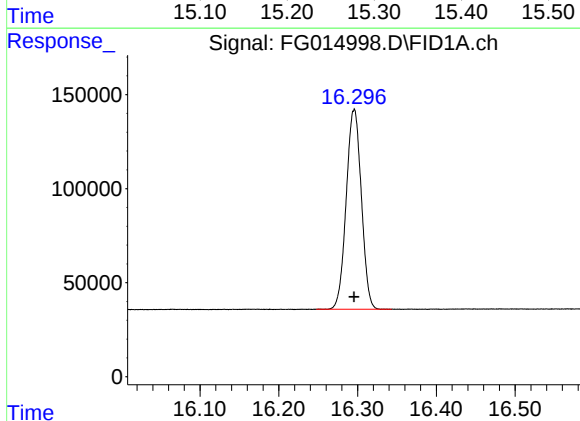
R.T.: 14.162 min
Delta R.T.: 0.000 min
Response: 1386084
Conc: 9.42 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



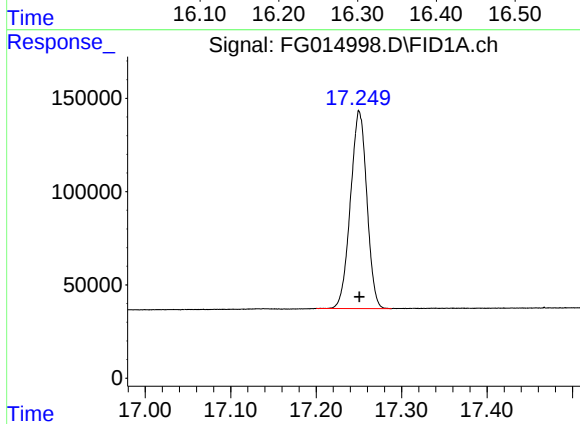
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.000 min
Response: 1411561
Conc: 9.39 ug/ml



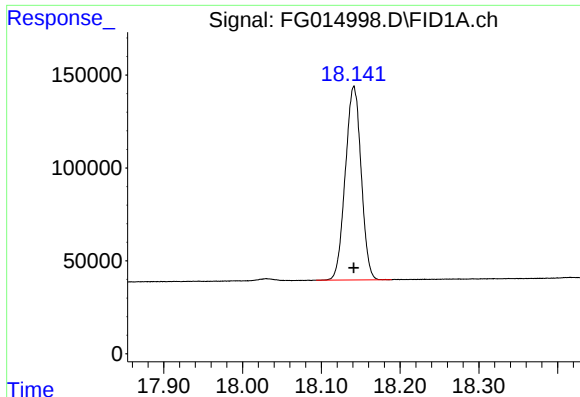
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 1418607
Conc: 9.39 ug/ml



#16 n-Octacosane (C28)

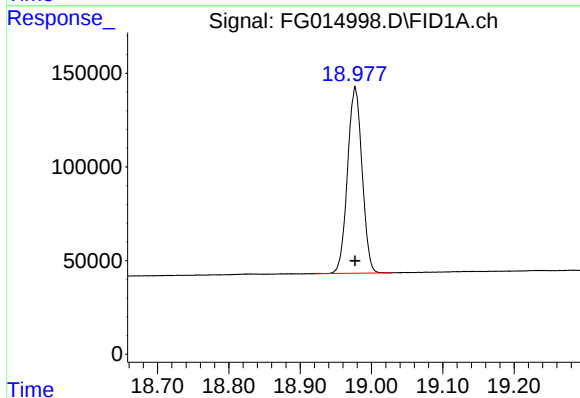
R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 1414660
Conc: 9.39 ug/ml



#17 n-Tricontane (C30)

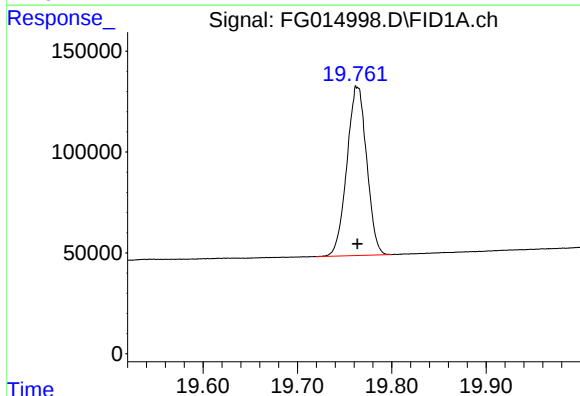
R.T.: 18.141 min
Delta R.T.: 0.000 min
Response: 1454883
Conc: 9.44 ug/ml

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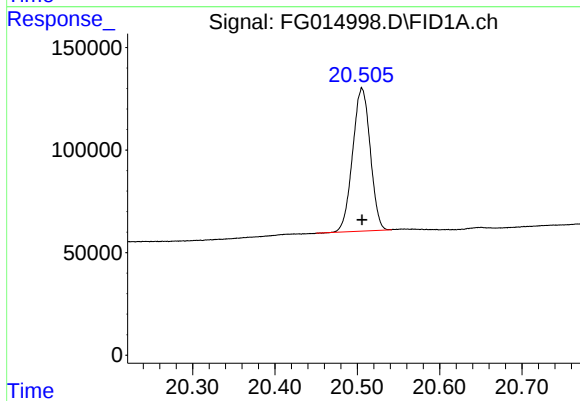
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: 0.000 min
Response: 1408612
Conc: 9.53 ug/ml



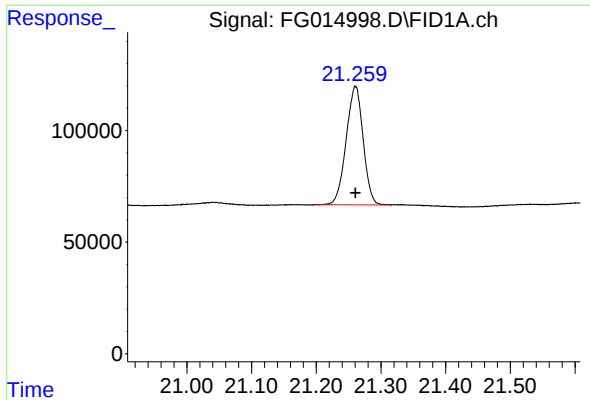
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 1222658
Conc: 9.56 ug/ml



#20 n-Hexatriacontane (C36)

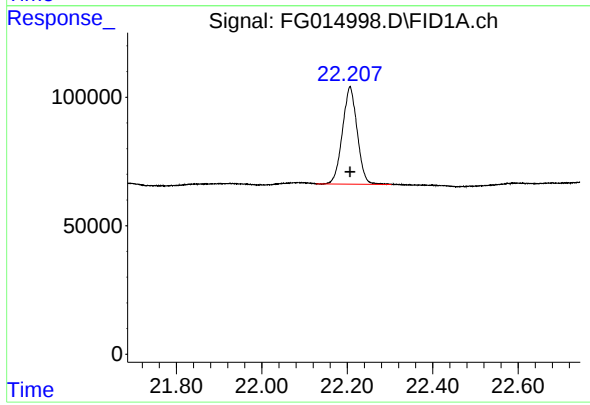
R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 1035063
Conc: 9.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: 0.000 min
Response: 968878
Conc: 9.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.206 min
Delta R.T.: 0.000 min
Response: 907320
Conc: 9.67 ug/ml