

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AL\
 Data File : FG017183.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2025 20:59
 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 17 04:40:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 04:37:43 2025
 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)	12.030	1592375	10.758 ug/ml
Spiked Amount 50.000		Recovery =	21.52%
12) S 1-chlorooctadecane (S...	13.476	1200793	10.578 ug/ml
Spiked Amount 50.000		Recovery =	21.16%
Target Compounds			
1) T n-Nonane (C9)	3.354	1205233	10.784 ug/ml
2) T n-Decane (C10)	4.615	1211160	10.718 ug/ml
3) T A~Naphthalene (C11.7)	6.336	1245989	10.426 ug/ml
4) T n-Dodecane (C12)	6.797	1224076	10.700 ug/ml
5) T A~2-methylnaphthalene...	7.439	1205503	10.279 ug/ml
6) T n-Tetradecane (C14)	8.636	1205491	10.659 ug/ml
7) T n-Hexadecane (C16)	10.254	1223817	10.613 ug/ml
8) T n-Octadecane (C18)	11.708	1259187	10.598 ug/ml
10) T n-Eicosane (C20)	13.026	1294336	10.697 ug/ml
11) T n-Heneicosane (C21)	13.643	1300821	10.682 ug/ml
13) T n-Docosane (C22)	14.234	1312308	10.720 ug/ml
14) T n-Tetracosane (C24)	15.344	1329834	10.752 ug/ml
15) T n-Hexacosane (C26)	16.373	1346850	10.803 ug/ml
16) T n-Octacosane (C28)	17.330	1387784	11.030 ug/ml
17) T n-Tricontane (C30)	18.223	1434186	11.240 ug/ml
18) T n-Dotriacontane (C32)	19.062	1383661	11.273 ug/ml
19) T n-Tetratriacontane (C34)	19.850	1232094	10.899 ug/ml
20) T n-Hexatriacontane (C36)	20.595	1158951	11.023 ug/ml
21) T n-Octatriacontane (C38)	21.369	1119963	11.403 ug/ml
22) T n-Tetracontane (C40)	22.350	1023772	10.894 ug/ml

(f)=RT Delta > 1/2 Window

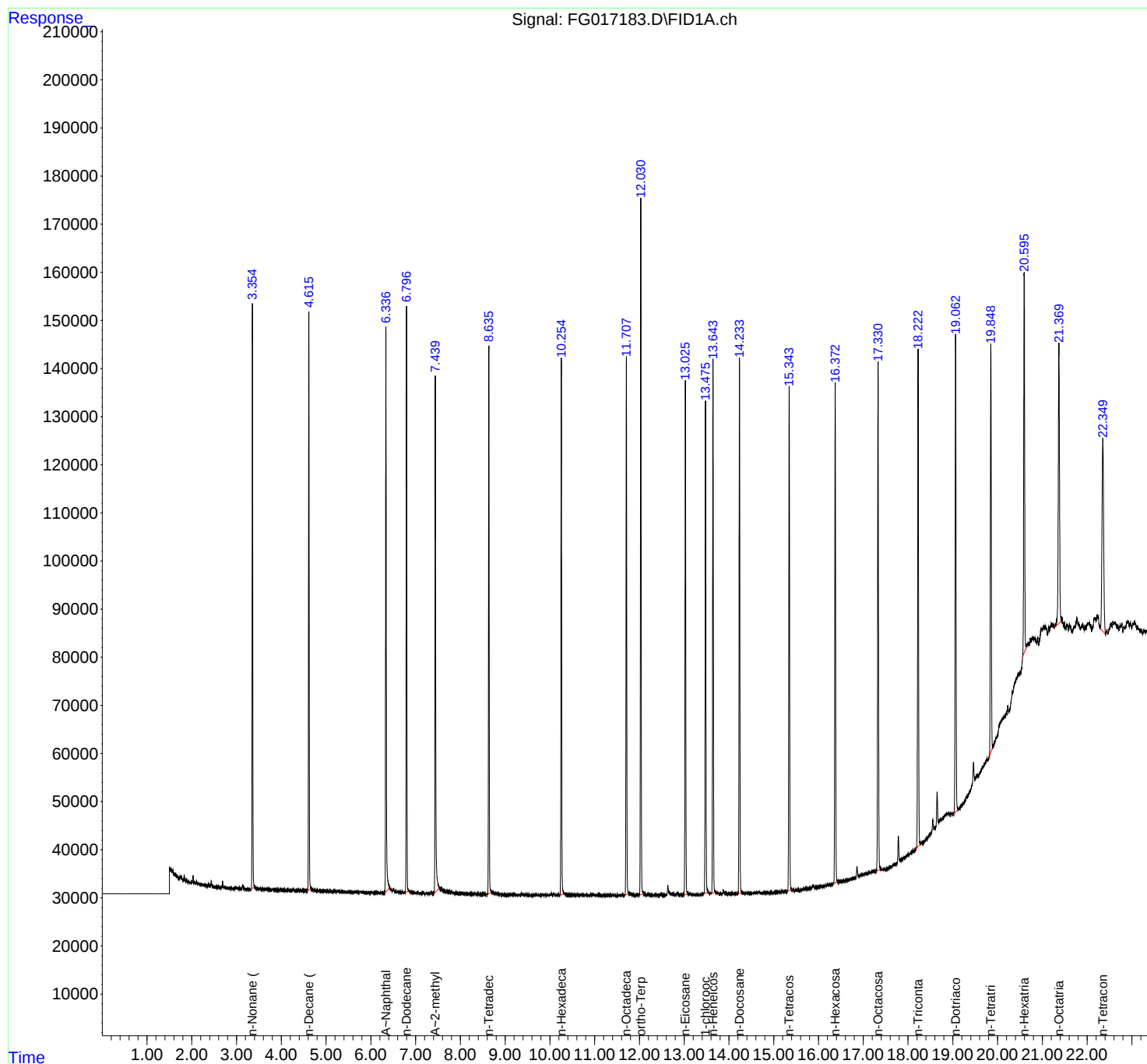
(m)=manual int.

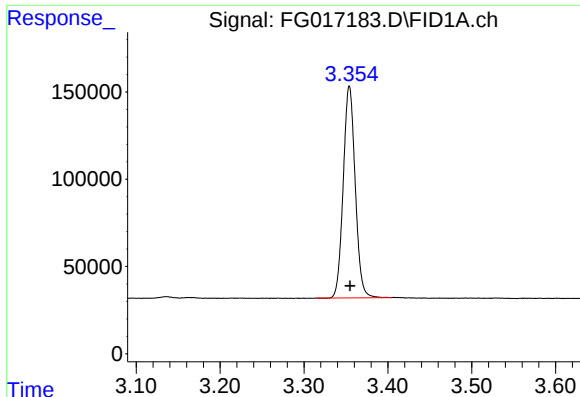
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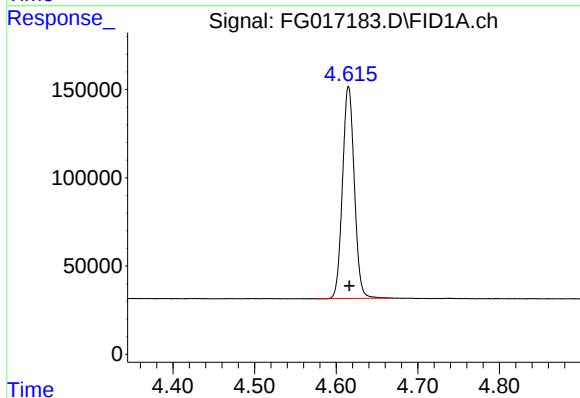




#1 n-Nonane (C9)

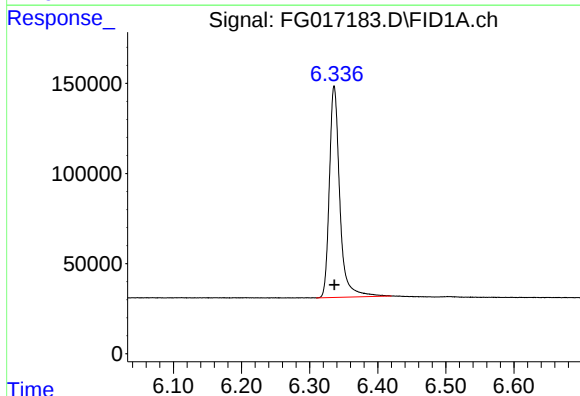
R.T.: 3.354 min
Delta R.T.: 0.000 min
Response: 1205233
Conc: 10.78 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



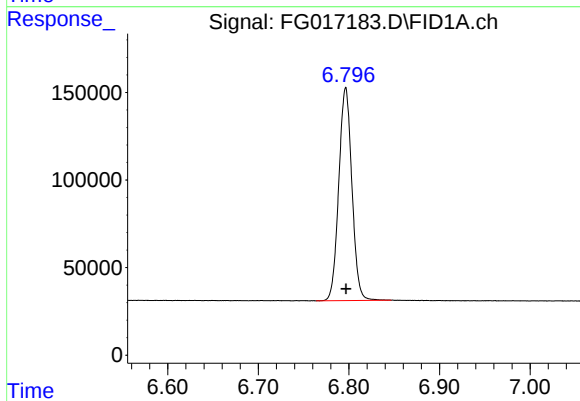
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.001 min
Response: 1211160
Conc: 10.72 ug/ml



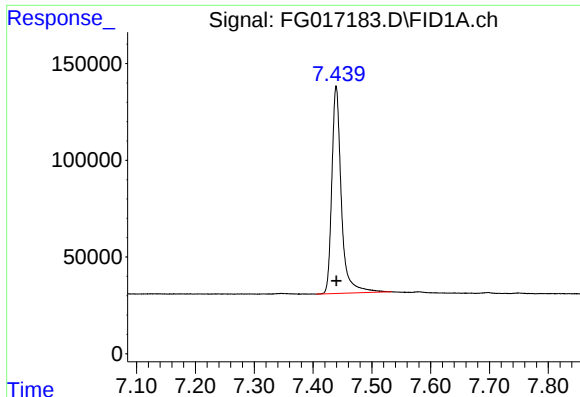
#3 A~Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 1245989
Conc: 10.43 ug/ml



#4 n-Dodecane (C12)

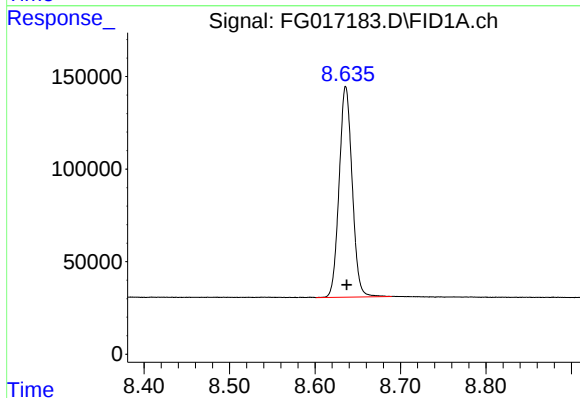
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 1224076
Conc: 10.70 ug/ml



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

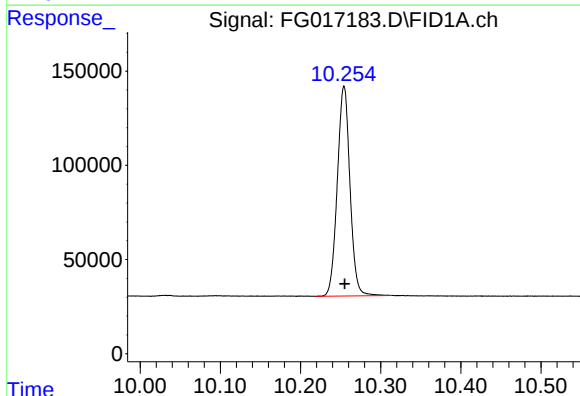
R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 1205503
Conc: 10.28 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



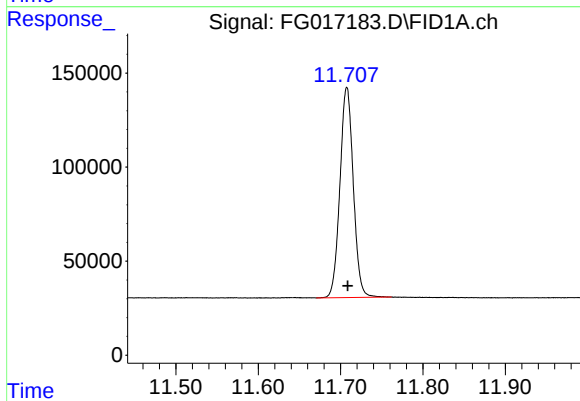
#6 n-Tetradecane (C14)

R.T.: 8.636 min
Delta R.T.: -0.001 min
Response: 1205491
Conc: 10.66 ug/ml



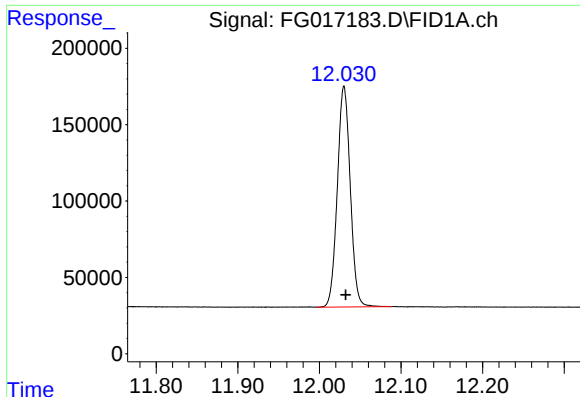
#7 n-Hexadecane (C16)

R.T.: 10.254 min
Delta R.T.: 0.000 min
Response: 1223817
Conc: 10.61 ug/ml



#8 n-Octadecane (C18)

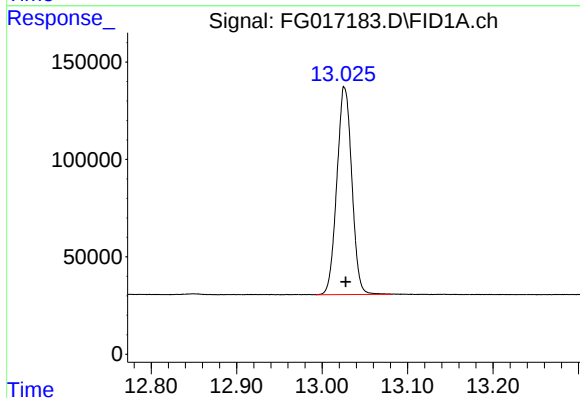
R.T.: 11.708 min
Delta R.T.: -0.001 min
Response: 1259187
Conc: 10.60 ug/ml



#9 ortho-Terphenyl (SURR)

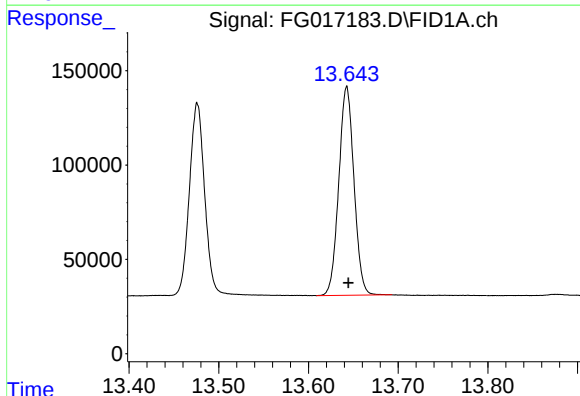
R.T.: 12.030 min
Delta R.T.: -0.002 min
Response: 1592375
Conc: 10.76 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



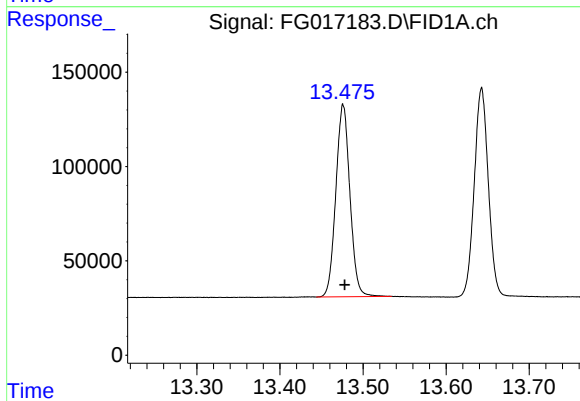
#10 n-Eicosane (C20)

R.T.: 13.026 min
Delta R.T.: -0.001 min
Response: 1294336
Conc: 10.70 ug/ml



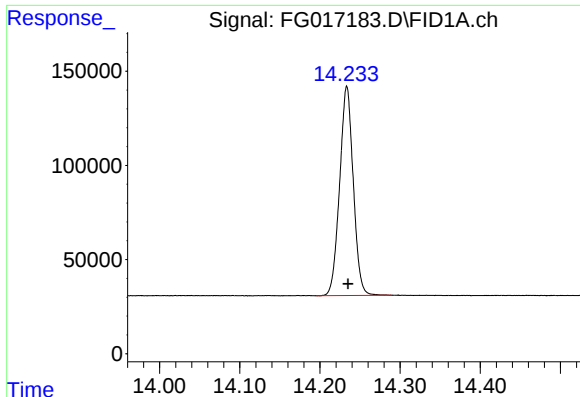
#11 n-Heneicosane (C21)

R.T.: 13.643 min
Delta R.T.: -0.002 min
Response: 1300821
Conc: 10.68 ug/ml



#12 1-chlorooctadecane (SURR)

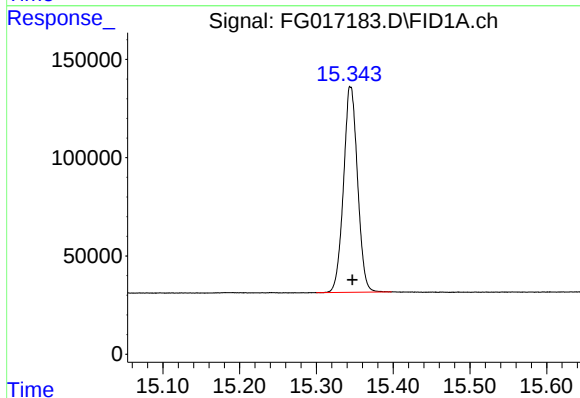
R.T.: 13.476 min
Delta R.T.: -0.002 min
Response: 1200793
Conc: 10.58 ug/ml



#13 n-Docosane (C22)

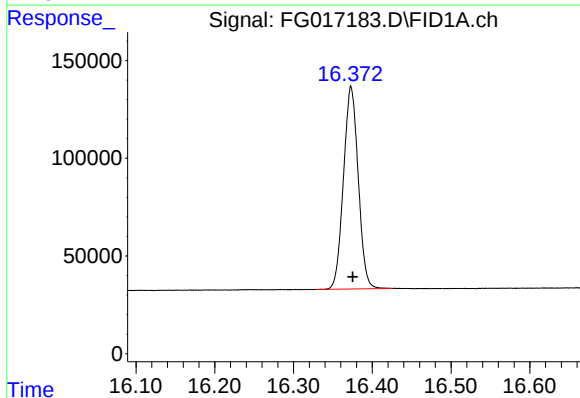
R.T.: 14.234 min
Delta R.T.: -0.001 min
Response: 1312308
Conc: 10.72 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



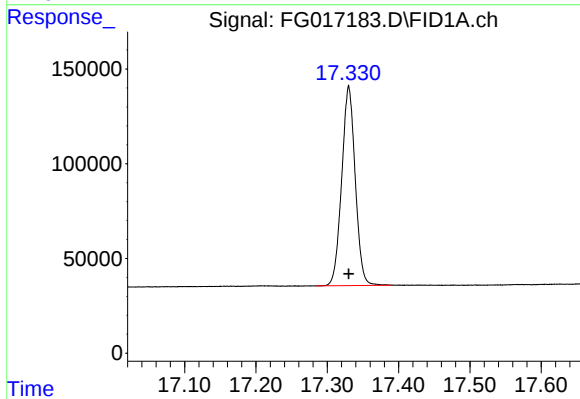
#14 n-Tetracosane (C24)

R.T.: 15.344 min
Delta R.T.: -0.002 min
Response: 1329834
Conc: 10.75 ug/ml



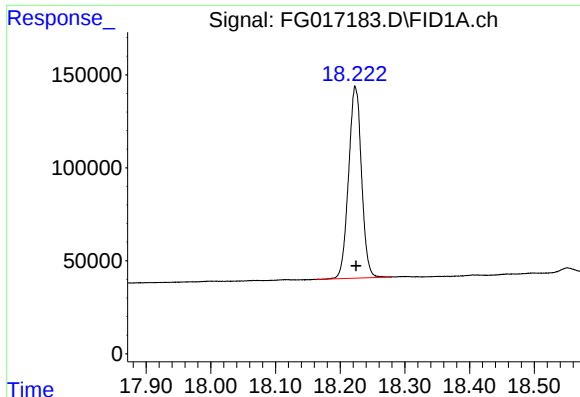
#15 n-Hexacosane (C26)

R.T.: 16.373 min
Delta R.T.: -0.002 min
Response: 1346850
Conc: 10.80 ug/ml



#16 n-Octacosane (C28)

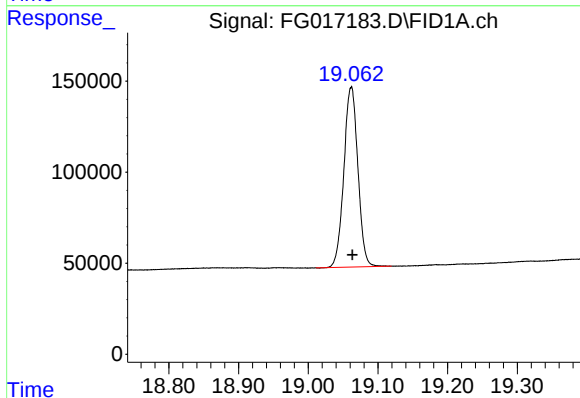
R.T.: 17.330 min
Delta R.T.: 0.000 min
Response: 1387784
Conc: 11.03 ug/ml



#17 n-Tricontane (C30)

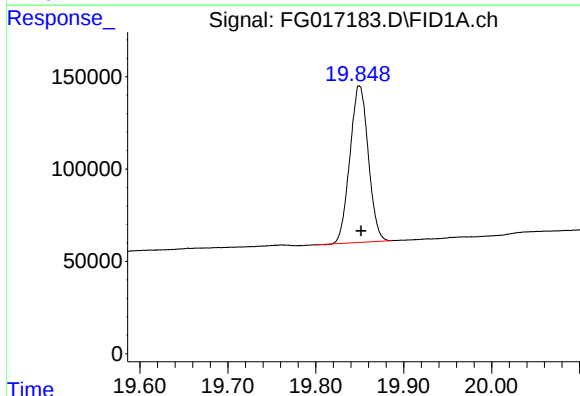
R.T.: 18.223 min
Delta R.T.: -0.001 min
Response: 1434186
Conc: 11.24 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



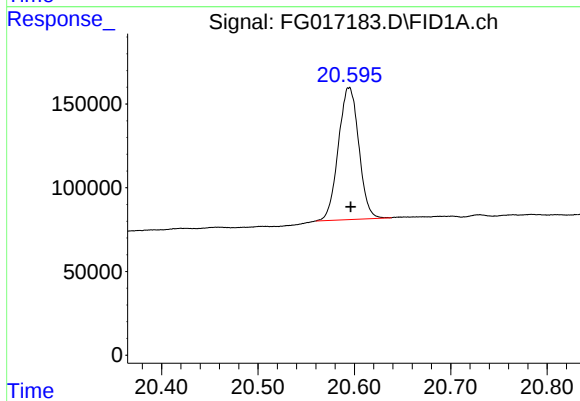
#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: -0.001 min
Response: 1383661
Conc: 11.27 ug/ml



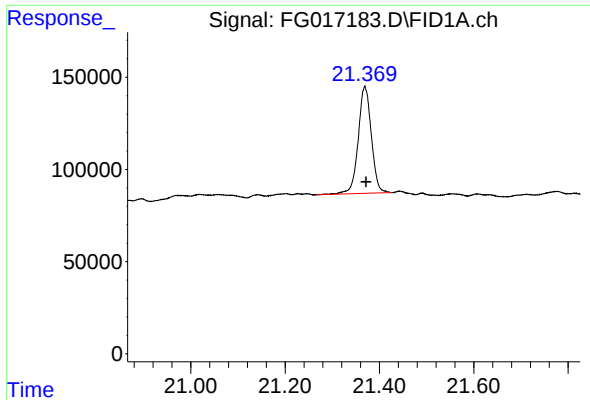
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.002 min
Response: 1232094
Conc: 10.90 ug/ml



#20 n-Hexatriacontane (C36)

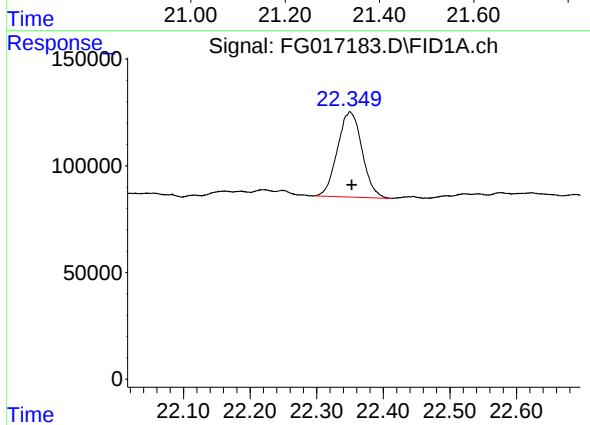
R.T.: 20.595 min
Delta R.T.: -0.002 min
Response: 1158951
Conc: 11.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.003 min
Response: 1119963
Conc: 11.40 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.350 min
Delta R.T.: -0.003 min
Response: 1023772
Conc: 10.89 ug/ml