

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016907.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 11:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 04:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.038	3099392	19.625 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
12) S 1-chlorooctadecane (S...	13.484	2343032	19.455 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.361	2487915	19.969 ug/ml
2) T n-Decane (C10)	4.623	2578568	20.141 ug/ml
3) T A~Naphthalene (C11.7)	6.341	2678368	20.470 ug/ml
4) T n-Dodecane (C12)	6.804	2625010	20.133 ug/ml
5) T A~2-methylnaphthalene...	7.444	2516631	20.913 ug/ml
6) T n-Tetradecane (C14)	8.644	2594883	20.311 ug/ml
7) T n-Hexadecane (C16)	10.261	2681724	20.295 ug/ml
8) T n-Octadecane (C18)	11.714	2776442	19.923 ug/ml
10) T n-Eicosane (C20)	13.034	2728525	19.520 ug/ml
11) T n-Heneicosane (C21)	13.651	2706280	19.465 ug/ml
13) T n-Docosane (C22)	14.241	2701303	19.093 ug/ml
14) T n-Tetracosane (C24)	15.353	2727349	18.550 ug/ml
15) T n-Hexacosane (C26)	16.381	2673018	18.220 ug/ml
16) T n-Octacosane (C28)	17.338	2624857	17.831 ug/ml
17) T n-Tricontane (C30)	18.232	2703429	17.866 ug/ml
18) T n-Dotriacontane (C32)	19.070	2638268	17.898 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2351595	18.248 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1974738	19.079 ug/ml
21) T n-Octatriacontane (C38)	21.380	1768130	20.056 ug/ml
22) T n-Tetracontane (C40)	22.364	1648739	21.057 ug/ml

(f)=RT Delta > 1/2 Window

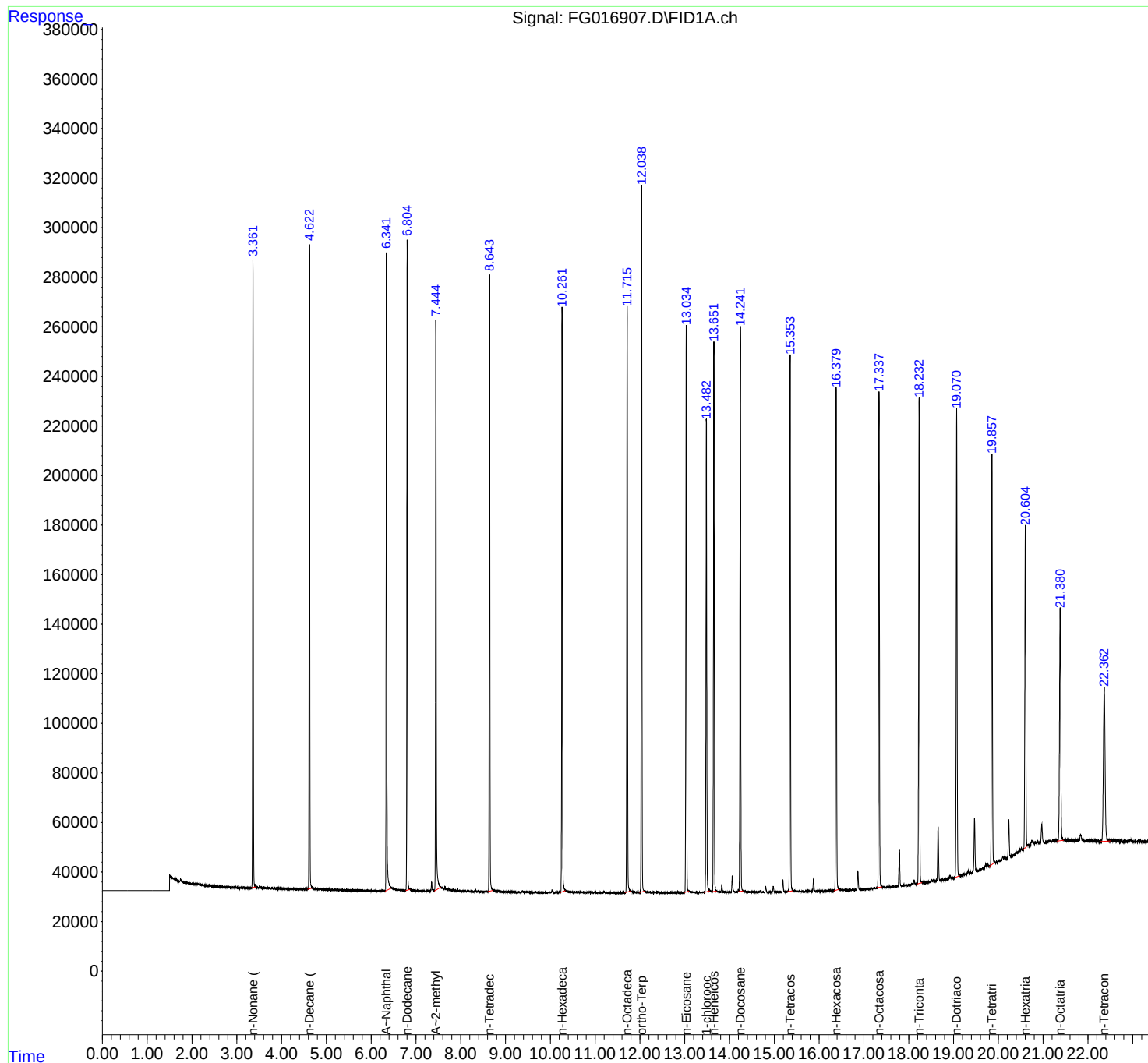
(m)=manual int.

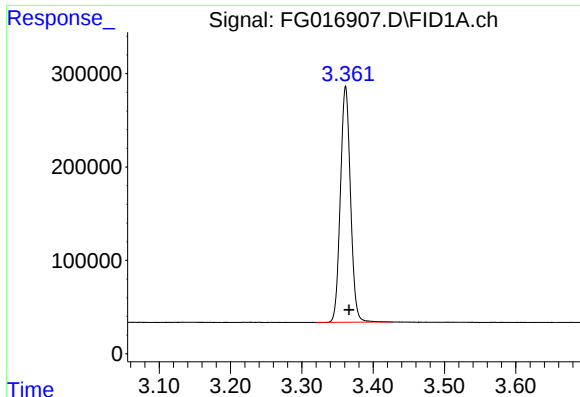
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
Data File : FG016907.D
Signal(s) : FID1A.ch
Acq On : 13 Nov 2025 11:57
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Nov 14 04:27:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
Quant Title : GC Extractables
QLast Update : Wed Oct 29 16:21:47 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

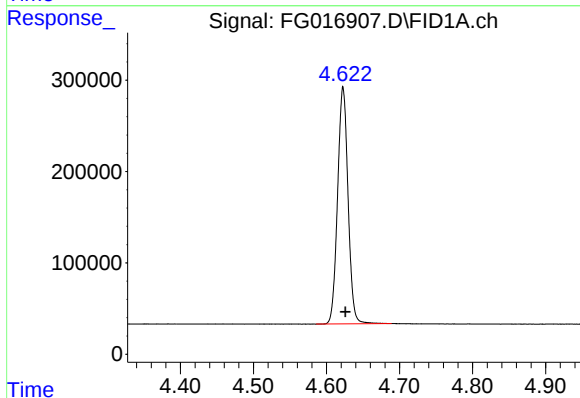




#1 n-Nonane (C9)

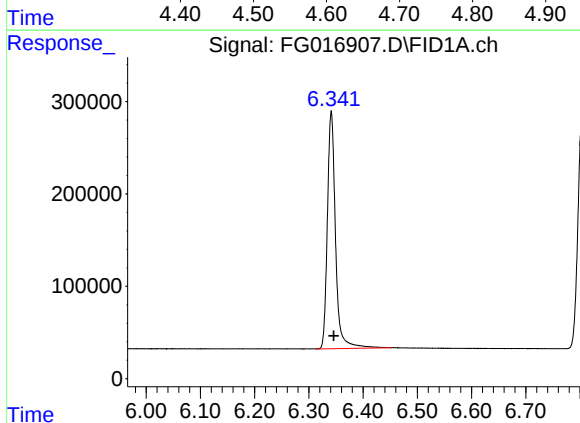
R.T.: 3.361 min
Delta R.T.: -0.005 min
Response: 2487915
Conc: 19.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



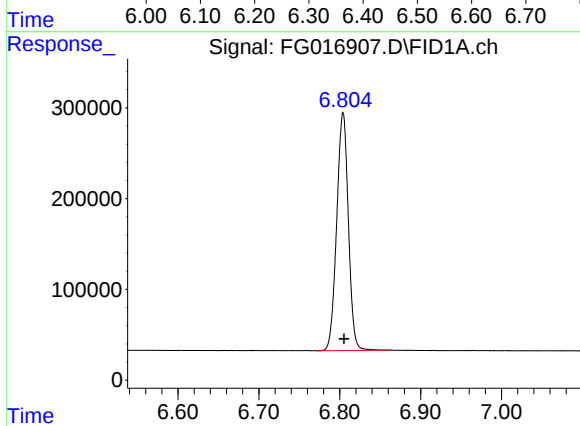
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 2578568
Conc: 20.14 ug/ml



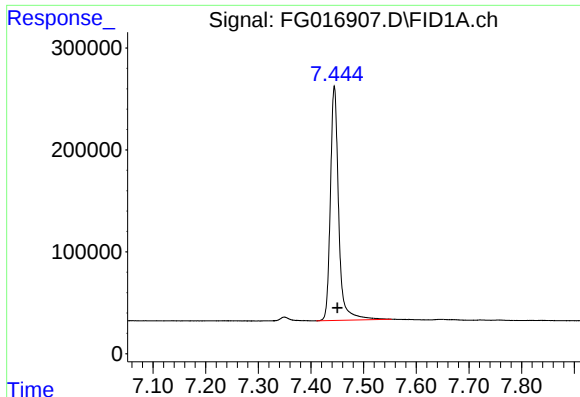
#3 A~Naphthalene (C11.7)

R.T.: 6.341 min
Delta R.T.: -0.005 min
Response: 2678368
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

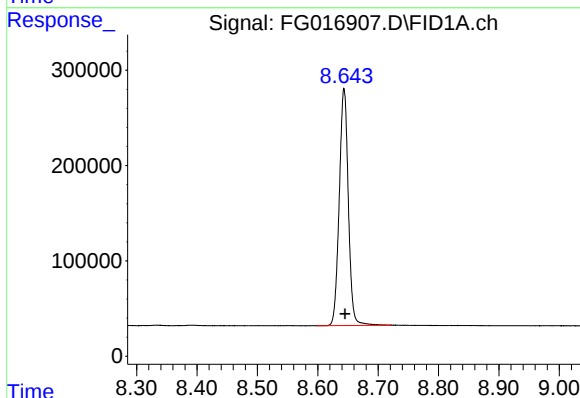
R.T.: 6.804 min
Delta R.T.: -0.001 min
Response: 2625010
Conc: 20.13 ug/ml



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

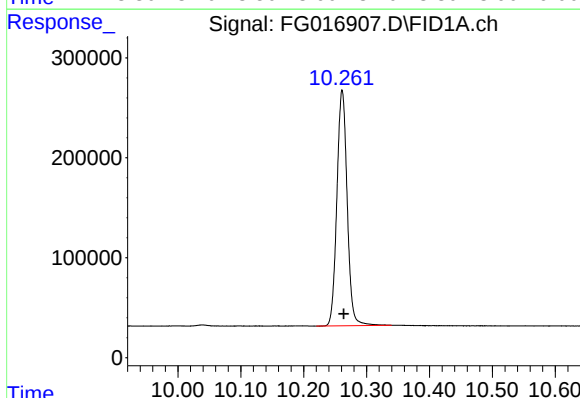
R.T.: 7.444 min
Delta R.T.: -0.005 min
Response: 2516631
Conc: 20.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



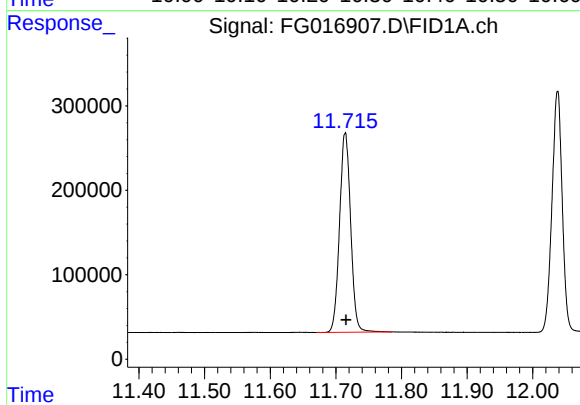
#6 n-Tetradecane (C14)

R.T.: 8.644 min
Delta R.T.: -0.002 min
Response: 2594883
Conc: 20.31 ug/ml



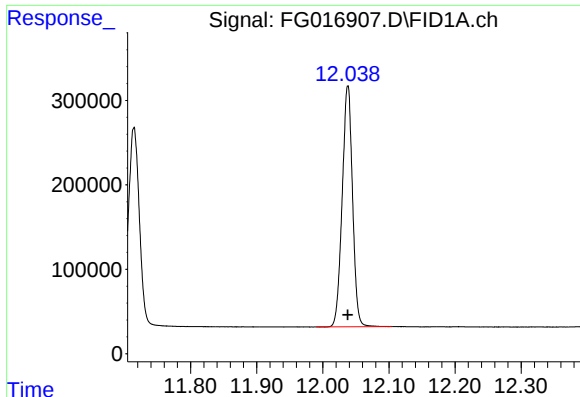
#7 n-Hexadecane (C16)

R.T.: 10.261 min
Delta R.T.: -0.002 min
Response: 2681724
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

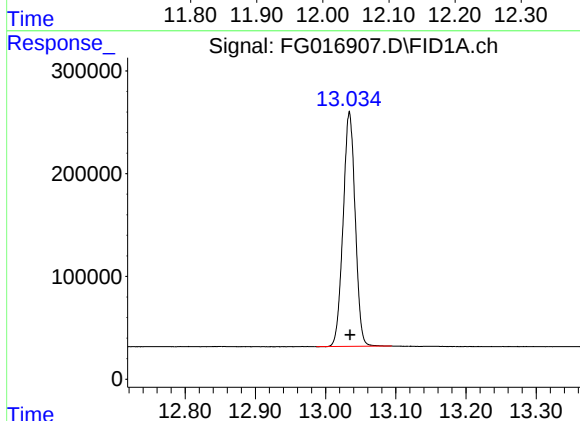
R.T.: 11.714 min
Delta R.T.: -0.001 min
Response: 2776442
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

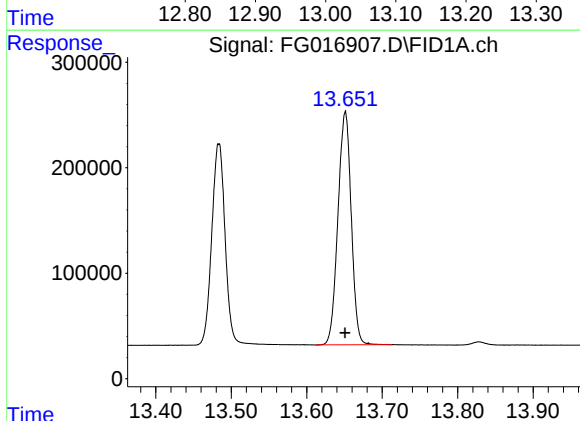
R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 3099392
Conc: 19.63 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



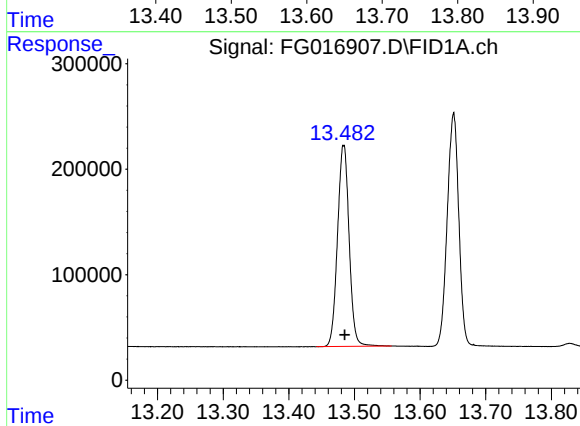
#10 n-Eicosane (C20)

R.T.: 13.034 min
Delta R.T.: 0.000 min
Response: 2728525
Conc: 19.52 ug/ml



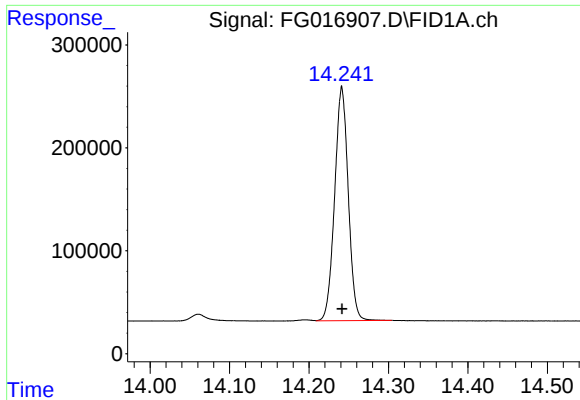
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: 0.000 min
Response: 2706280
Conc: 19.46 ug/ml



#12 1-chlorooctadecane (SURR)

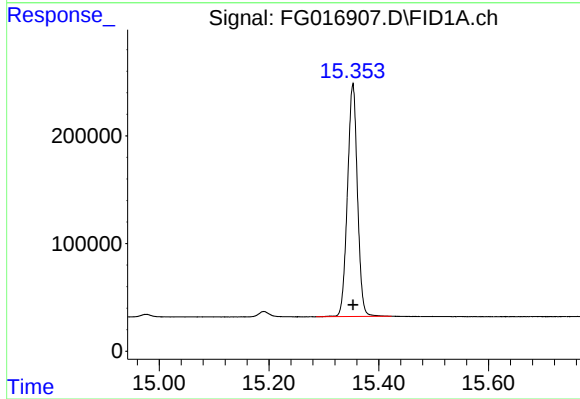
R.T.: 13.484 min
Delta R.T.: -0.001 min
Response: 2343032
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

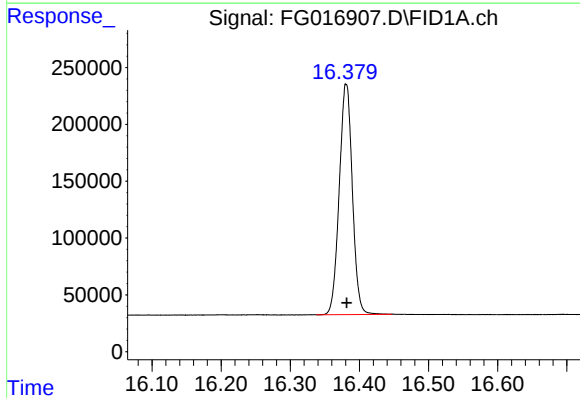
R.T.: 14.241 min
Delta R.T.: 0.000 min
Response: 2701303
Conc: 19.09 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



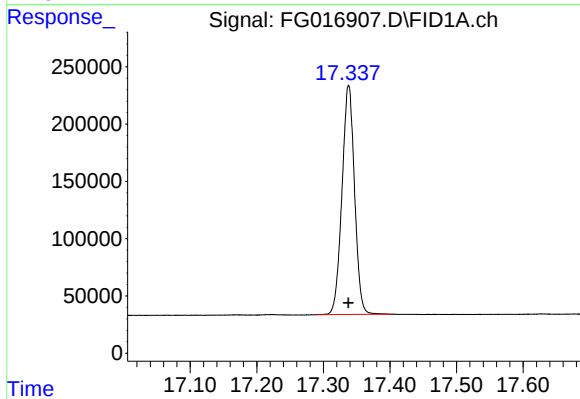
#14 n-Tetracosane (C24)

R.T.: 15.353 min
Delta R.T.: 0.000 min
Response: 2727349
Conc: 18.55 ug/ml



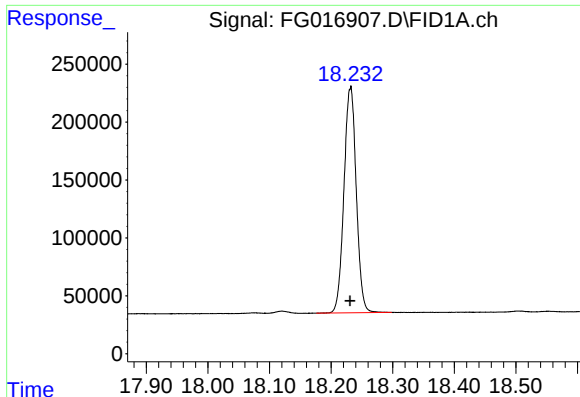
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: 0.000 min
Response: 2673018
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

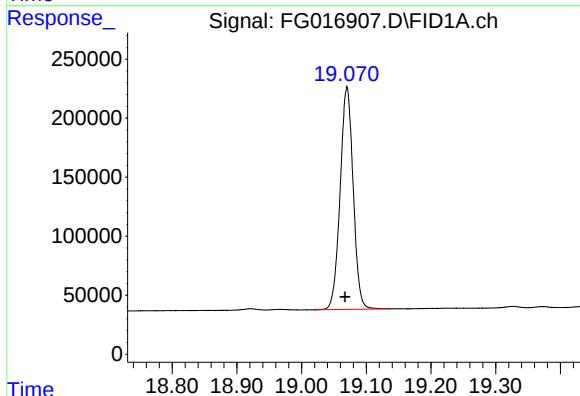
R.T.: 17.338 min
Delta R.T.: 0.000 min
Response: 2624857
Conc: 17.83 ug/ml



#17 n-Tricontane (C30)

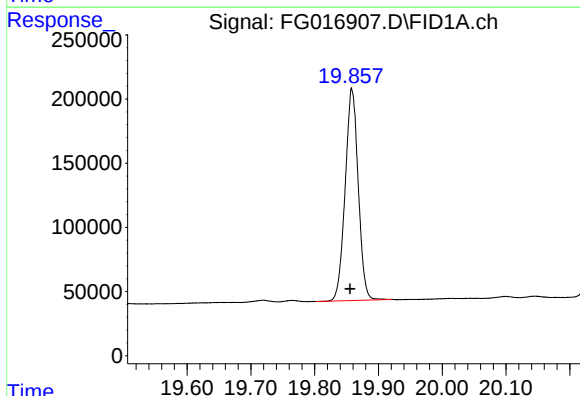
R.T.: 18.232 min
Delta R.T.: 0.000 min
Response: 2703429
Conc: 17.87 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



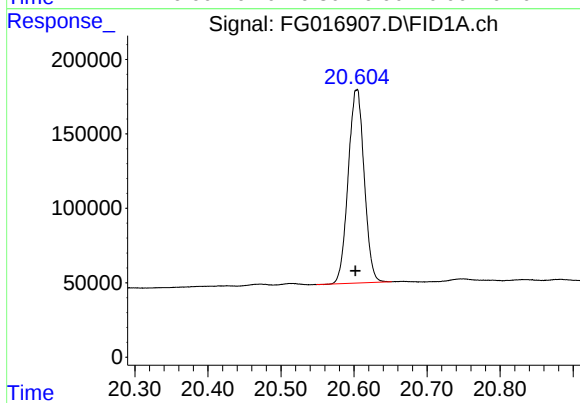
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.003 min
Response: 2638268
Conc: 17.90 ug/ml



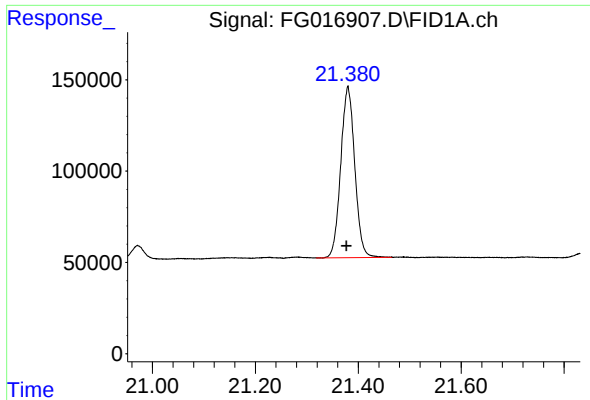
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.003 min
Response: 2351595
Conc: 18.25 ug/ml



#20 n-Hexatriacontane (C36)

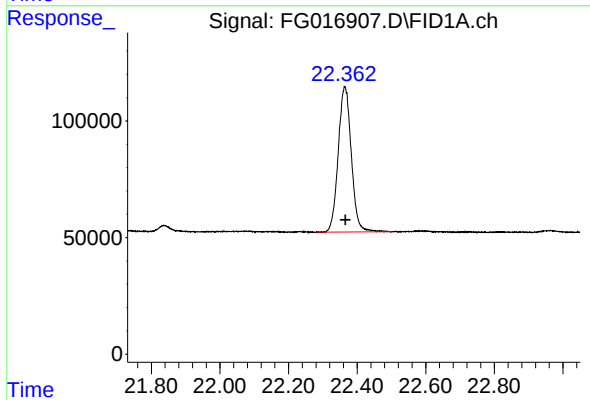
R.T.: 20.604 min
Delta R.T.: 0.002 min
Response: 1974738
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: 0.003 min
Response: 1768130
Conc: 20.06 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: -0.002 min
Response: 1648739
Conc: 21.06 ug/ml