Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
Data File : FG012157.D
Signal(s) : FID1A.ch
Acq On : 12 Jun 2023 14:13
Operator : YP\AJ
Sample : 02213-01
Misc : 4 PPM SOIL LOD
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 13 01:18:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
Quant Title : GC Extractables
QLast Update : Fri May 19 12:59:06 2023
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)	10.910	377123	2.409 ug/ml
Spiked Amount	50.000		Recovery =	4.82%
12) S	1-chlorooctadecane (S...	12.353	4988052	42.064 ug/ml
Spiked Amount	50.000		Recovery =	84.13%
	Target Compounds			
1) T	n-Nonane (C9)	2.751	236620	2.055 ug/ml
2) T	n-Decane (C10)	3.761	299123	2.536 ug/ml
4) T	n-Dodecane (C12)	5.752	377824	3.150 ug/ml
6) T	n-Tetradecane (C14)	7.547	338008	2.783 ug/ml
7) T	n-Hexadecane (C16)	9.149	363682	2.801 ug/ml
8) T	n-Octadecane (C18)	10.593	428707	3.150 ug/ml
10) T	n-Eicosane (C20)	11.904	446467	3.308 ug/ml
11) T	n-Heneicosane (C21)	12.517	427895	3.184 ug/ml
13) T	n-Docosane (C22)	13.105	444251	3.288 ug/ml
14) T	n-Tetracosane (C24)	14.211	442621	3.252 ug/ml
15) T	n-Hexacosane (C26)	15.233	422682	3.160 ug/ml
16) T	n-Octacosane (C28)	16.186	418958	3.209 ug/ml
17) T	n-Tricontane (C30)	17.074	453534	3.439 ug/ml
18) T	n-Dotriacontane (C32)	17.908	471091	3.667 ug/ml
19) T	n-Tetratriacontane (C34)	18.694	452645	3.694 ug/ml
20) T	n-Hexatriacontane (C36)	19.435	404154	3.474 ug/ml
21) T	n-Octatriacontane (C38)	20.175	389813	3.469 ug/ml
22) T	n-Tetracontane (C40)	21.095	352675	3.273 ug/ml

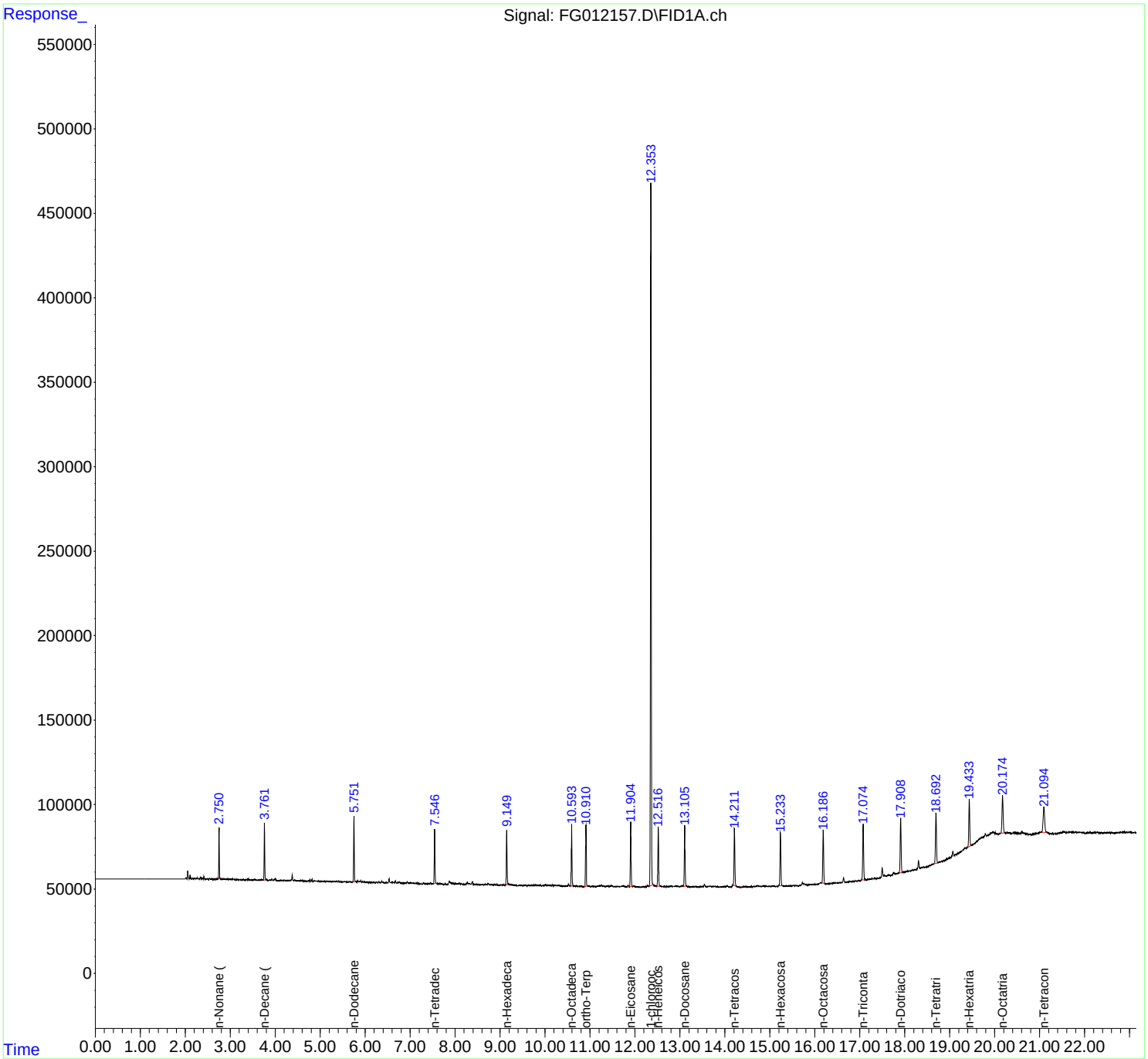
(f)=RT Delta > 1/2 Window (m)=manual int.

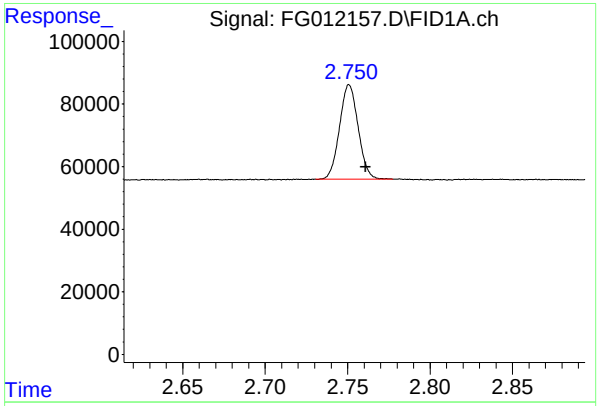
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
Data File : FG012157.D
Signal(s) : FID1A.ch
Acq On : 12 Jun 2023 14:13
Operator : YP\AJ
Sample : 02213-01
Misc : 4 PPM SOIL LOD
ALS Vial : 64 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 13 01:18:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
Quant Title : GC Extractables
QLast Update : Fri May 19 12:59:06 2023
Response via : Initial Calibration
Integrator: ChemStation

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

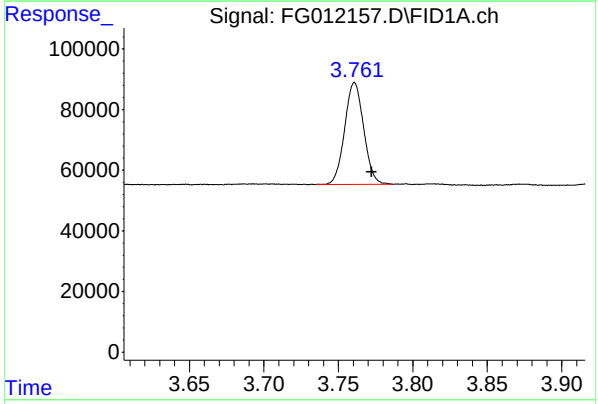




#1 n-Nonane (C9)

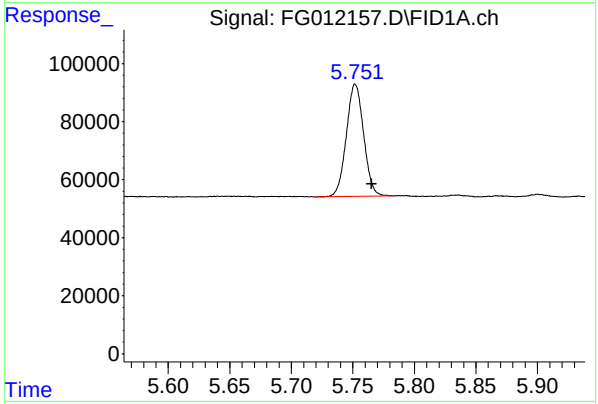
R.T.: 2.751 min
Delta R.T.: -0.010 min
Response: 236620
Conc: 2.06 ug/ml

Instrument :
FID_G
ClientSampleId :



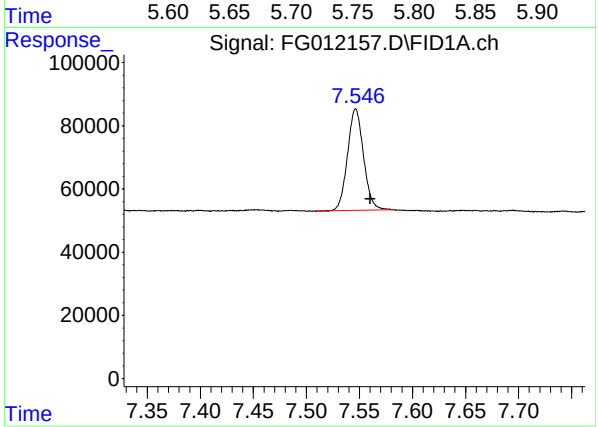
#2 n-Decane (C10)

R.T.: 3.761 min
Delta R.T.: -0.012 min
Response: 299123
Conc: 2.54 ug/ml



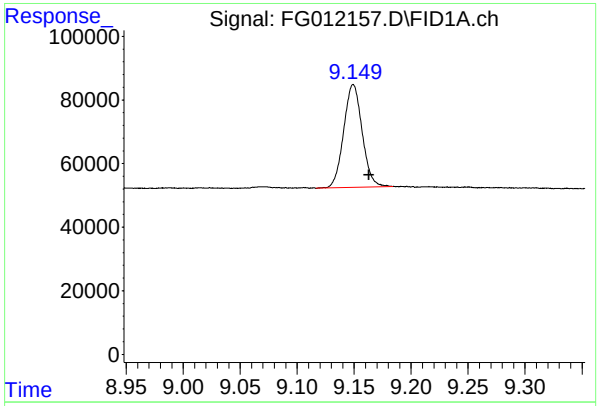
#4 n-Dodecane (C12)

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 377824
Conc: 3.15 ug/ml



#6 n-Tetradecane (C14)

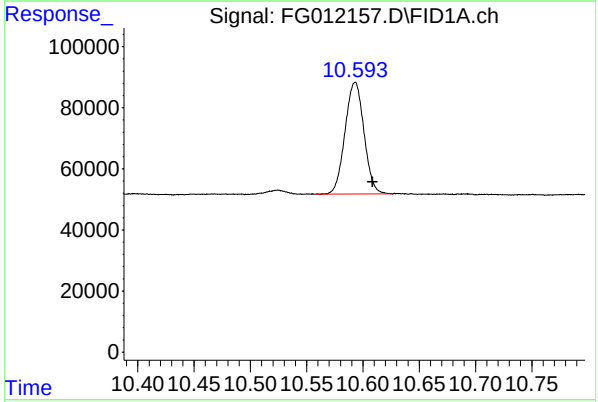
R.T.: 7.547 min
Delta R.T.: -0.014 min
Response: 338008
Conc: 2.78 ug/ml



#7 n-Hexadecane (C16)

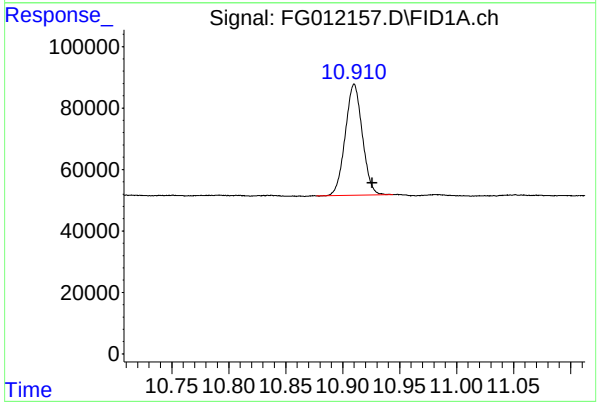
R.T.: 9.149 min
Delta R.T.: -0.014 min
Response: 363682
Conc: 2.80 ug/ml

Instrument :
FID_G
ClientSampleId :



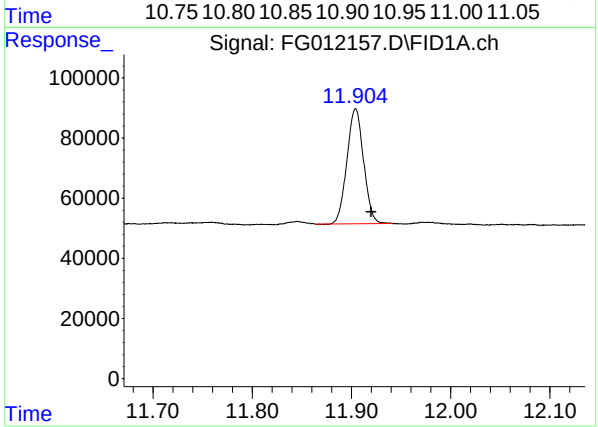
#8 n-Octadecane (C18)

R.T.: 10.593 min
Delta R.T.: -0.015 min
Response: 428707
Conc: 3.15 ug/ml



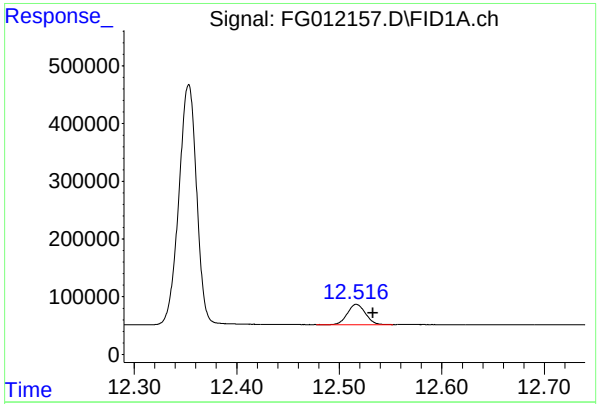
#9 ortho-Terphenyl (SURR)

R.T.: 10.910 min
Delta R.T.: -0.016 min
Response: 377123
Conc: 2.41 ug/ml



#10 n-Eicosane (C20)

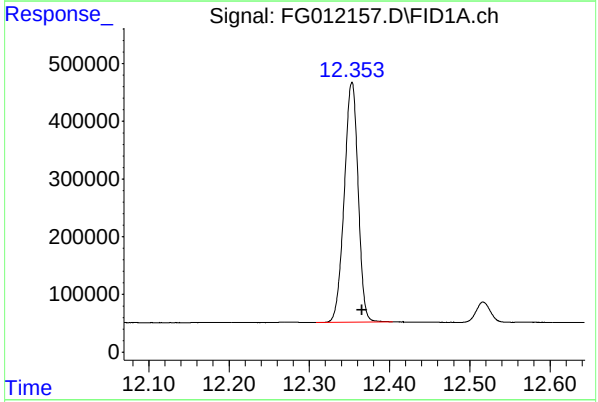
R.T.: 11.904 min
Delta R.T.: -0.016 min
Response: 446467
Conc: 3.31 ug/ml



#11 n-Heneicosane (C21)

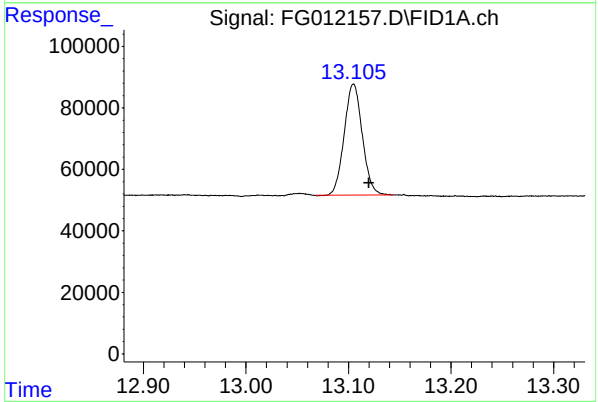
R.T.: 12.517 min
Delta R.T.: -0.016 min
Response: 427895
Conc: 3.18 ug/ml

Instrument :
FID_G
ClientSampleId :



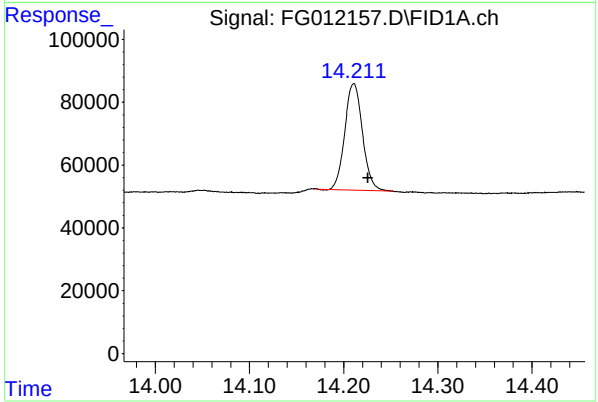
#12 1-chlorooctadecane (SURR)

R.T.: 12.353 min
Delta R.T.: -0.012 min
Response: 4988052
Conc: 42.06 ug/ml



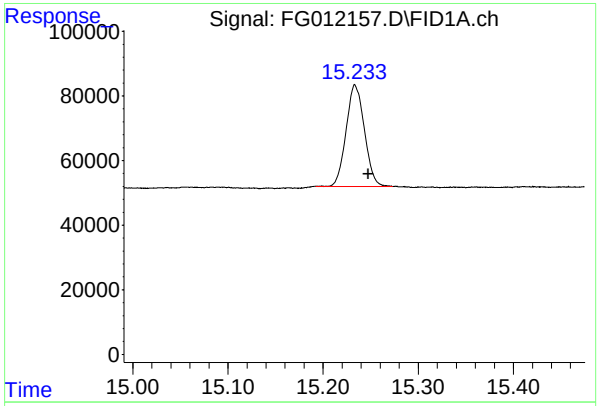
#13 n-Docosane (C22)

R.T.: 13.105 min
Delta R.T.: -0.015 min
Response: 444251
Conc: 3.29 ug/ml



#14 n-Tetracosane (C24)

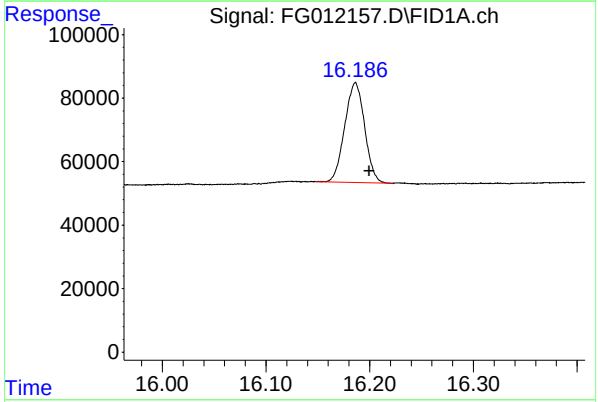
R.T.: 14.211 min
Delta R.T.: -0.015 min
Response: 442621
Conc: 3.25 ug/ml



#15 n-Hexacosane (C26)

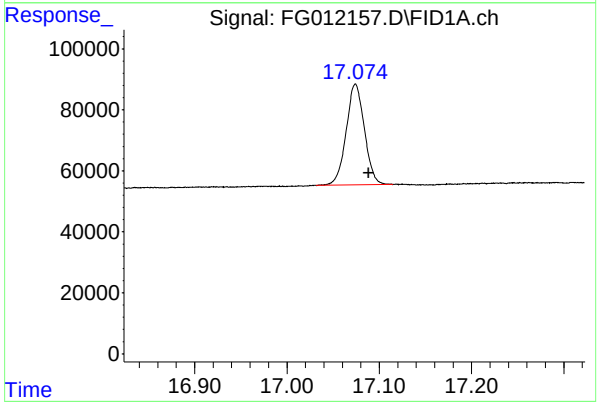
R.T.: 15.233 min
Delta R.T.: -0.014 min
Response: 422682
Conc: 3.16 ug/ml

Instrument :
FID_G
ClientSampleId :



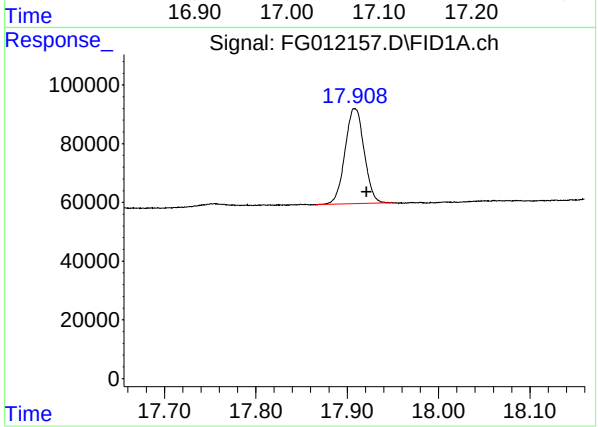
#16 n-Octacosane (C28)

R.T.: 16.186 min
Delta R.T.: -0.013 min
Response: 418958
Conc: 3.21 ug/ml



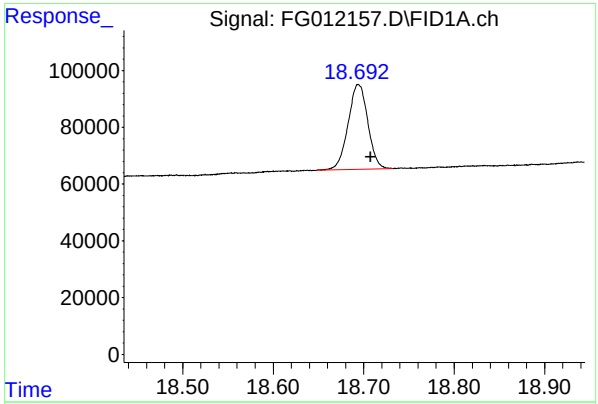
#17 n-Tricontane (C30)

R.T.: 17.074 min
Delta R.T.: -0.014 min
Response: 453534
Conc: 3.44 ug/ml



#18 n-Dotriacontane (C32)

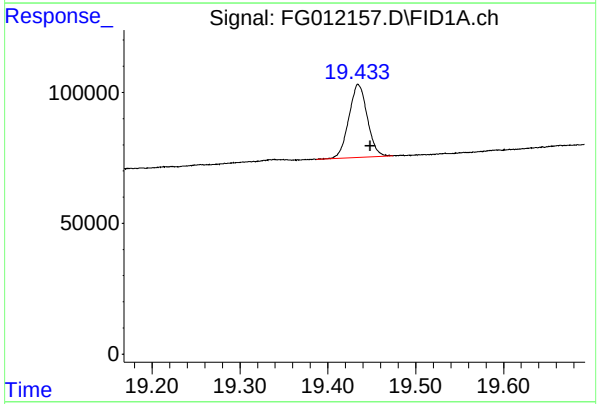
R.T.: 17.908 min
Delta R.T.: -0.013 min
Response: 471091
Conc: 3.67 ug/ml



#19 n-Tetratriacontane (C34)

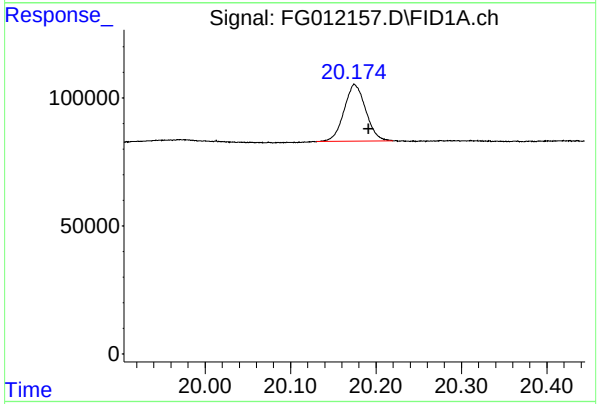
R.T.: 18.694 min
Delta R.T.: -0.014 min
Response: 452645
Conc: 3.69 ug/ml

Instrument :
FID_G
ClientSampleId :



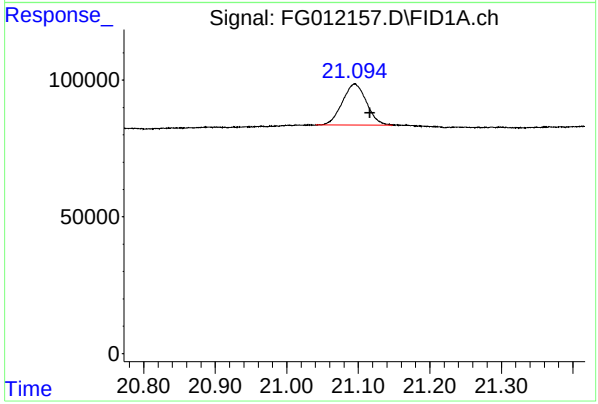
#20 n-Hexatriacontane (C36)

R.T.: 19.435 min
Delta R.T.: -0.014 min
Response: 404154
Conc: 3.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.175 min
Delta R.T.: -0.017 min
Response: 389813
Conc: 3.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.095 min
Delta R.T.: -0.021 min
Response: 352675
Conc: 3.27 ug/ml