

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012427.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jul 2023 16:58
 Operator : YP\AJ
 Sample : PB154259BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB154259BS

Integration File: autoint1.e
 Quant Time: Jul 19 03:23:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.888	6622021	42.379 ug/ml
Spiked Amount 50.000		Recovery =	84.76%
12) S 1-chlorooctadecane (S...	12.325	5165685	44.570 ug/ml
Spiked Amount 50.000		Recovery =	89.14%
Target Compounds			
1) T n-Nonane (C9)	2.743	5642059	45.358 ug/ml
2) T n-Decane (C10)	3.748	6092754	47.921 ug/ml
3) T A~Naphthalene (C11.7)	5.309	7303217	52.764 ug/ml
4) T n-Dodecane (C12)	5.734	6740355	52.392 ug/ml
5) T A~2-methylnaphthalene...	6.359	7219992	55.294 ug/ml
6) T n-Tetradecane (C14)	7.528	6940543	54.348 ug/ml
7) T n-Hexadecane (C16)	9.128	7056850	52.927 ug/ml
8) T n-Octadecane (C18)	10.572	7326120	52.755 ug/ml
10) T n-Eicosane (C20)	11.883	7126153	52.710 ug/ml
11) T n-Heneicosane (C21)	12.495	7023048	52.938 ug/ml
13) T n-Docosane (C22)	13.081	6925378	52.531 ug/ml
14) T n-Tetracosane (C24)	14.178	13297320	94.677 ug/ml
15) T n-Hexacosane (C26)	15.209	6500001	51.492 ug/ml
16) T n-Octacosane (C28)	16.158	6456640	51.361 ug/ml
17) T n-Tricontane (C30)	17.048	6175169	46.731 ug/ml
18) T n-Dotriacontane (C32)	17.881	6227368	46.802 ug/ml
19) T n-Tetratriacontane (C34)	18.663	5839441	45.575 ug/ml
20) T n-Hexatriacontane (C36)	19.406	5550890	44.921 ug/ml
21) T n-Octatriacontane (C38)	20.140	5291072	44.299 ug/ml
22) T n-Tetracontane (C40)	21.048	5173628	44.649 ug/ml

(f)=RT Delta > 1/2 Window

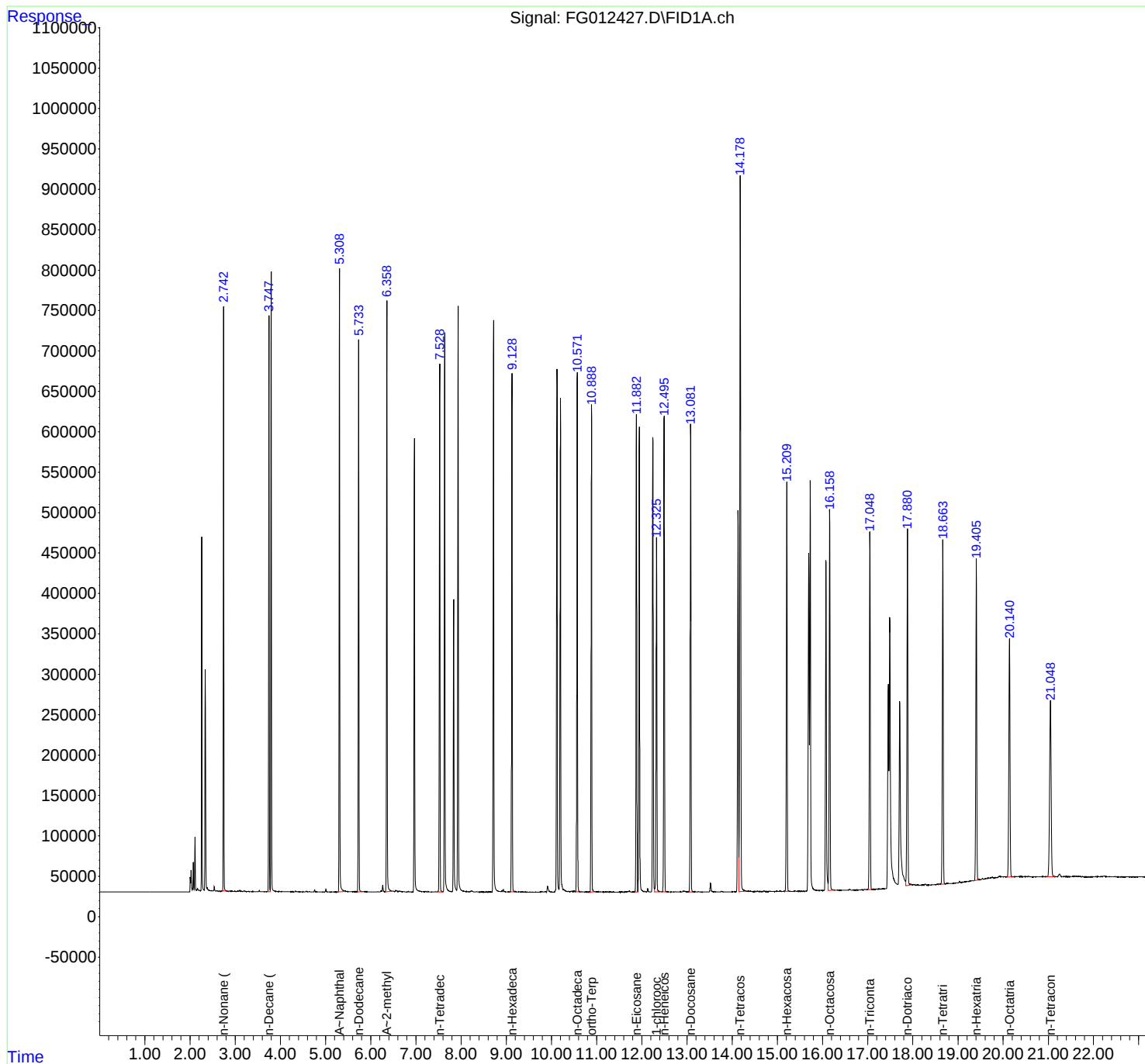
(m)=manual int.

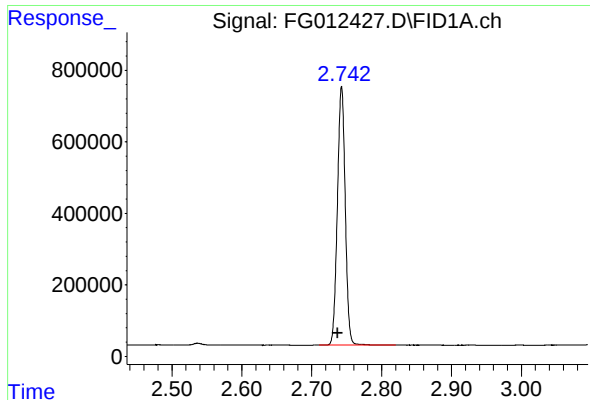
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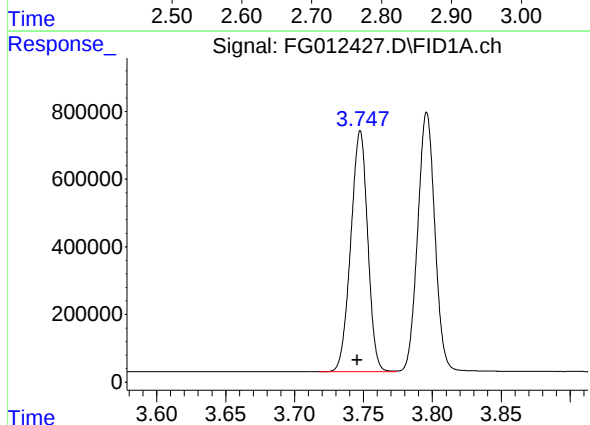




#1 n-Nonane (C9)

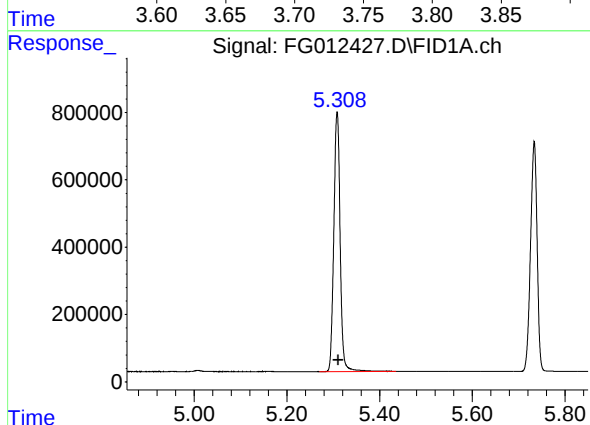
R.T.: 2.743 min
Delta R.T.: 0.006 min
Response: 5642059
Conc: 45.36 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154259BS



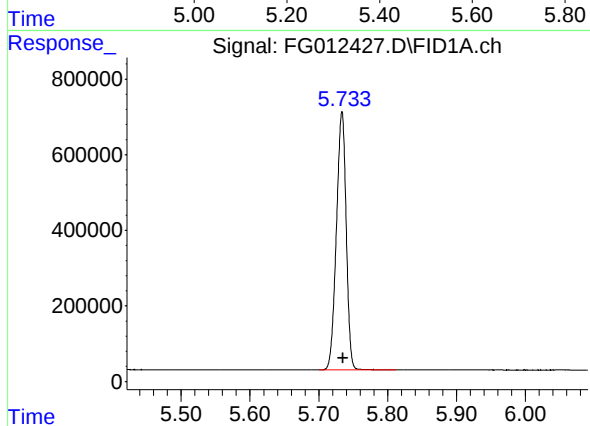
#2 n-Decane (C10)

R.T.: 3.748 min
Delta R.T.: 0.002 min
Response: 6092754
Conc: 47.92 ug/ml



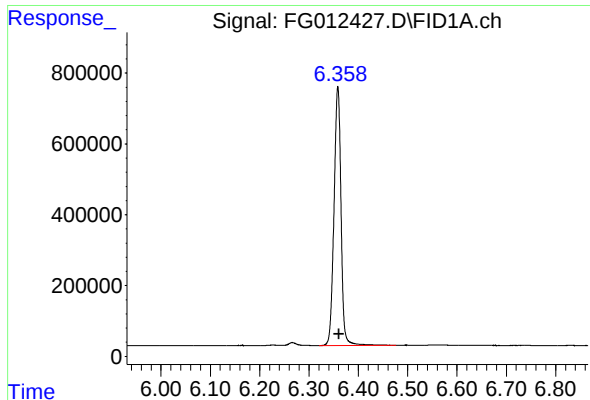
#3 A~Naphthalene (C11.7)

R.T.: 5.309 min
Delta R.T.: -0.002 min
Response: 7303217
Conc: 52.76 ug/ml



#4 n-Dodecane (C12)

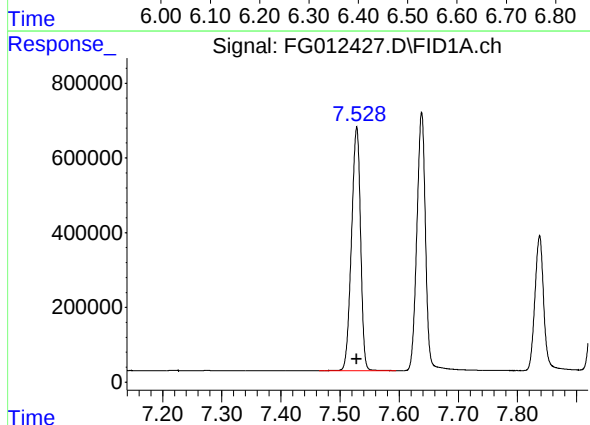
R.T.: 5.734 min
Delta R.T.: -0.001 min
Response: 6740355
Conc: 52.39 ug/ml



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

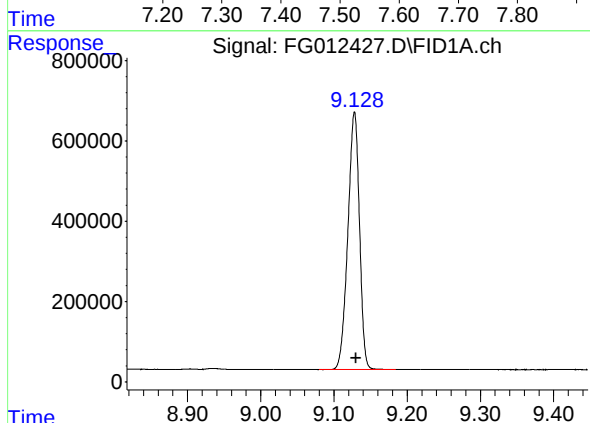
R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 7219992
Conc: 55.29 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154259BS



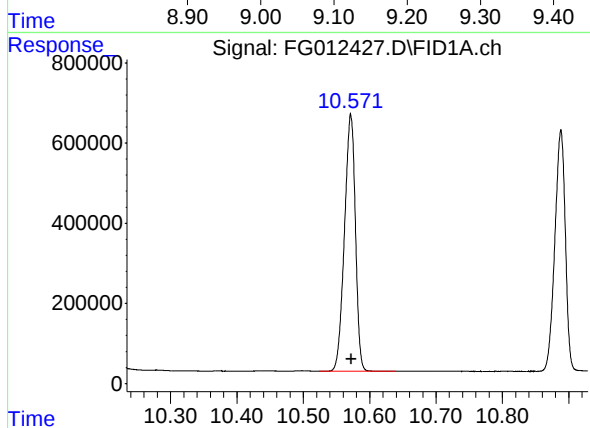
#6 n-Tetradecane (C14)

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 6940543
Conc: 54.35 ug/ml



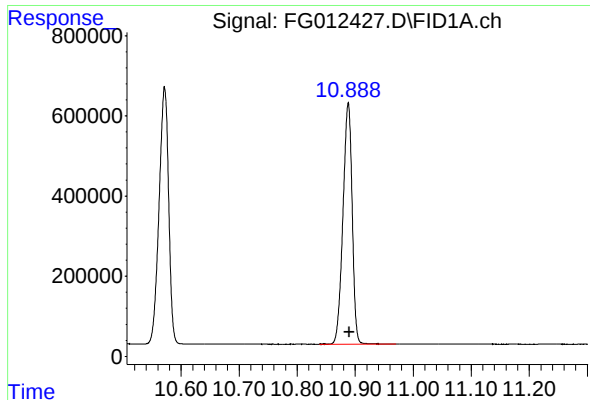
#7 n-Hexadecane (C16)

R.T.: 9.128 min
Delta R.T.: -0.002 min
Response: 7056850
Conc: 52.93 ug/ml



#8 n-Octadecane (C18)

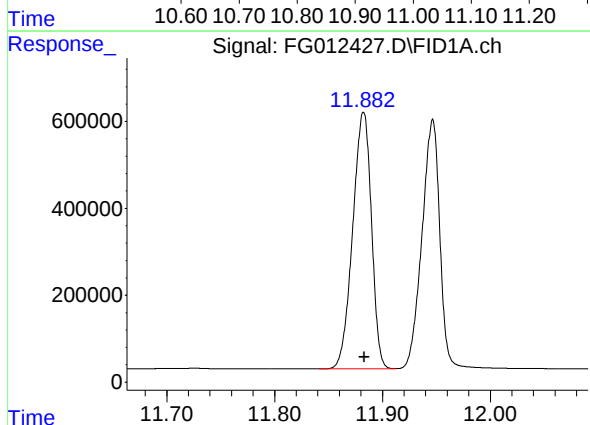
R.T.: 10.572 min
Delta R.T.: -0.001 min
Response: 7326120
Conc: 52.75 ug/ml



#9 ortho-Terphenyl (SURR)

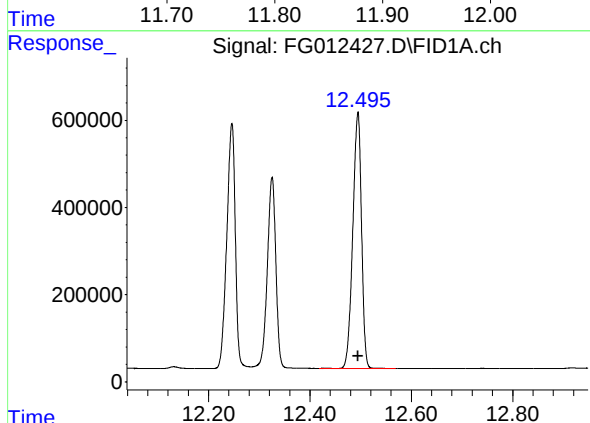
R.T.: 10.888 min
Delta R.T.: -0.002 min
Response: 6622021
Conc: 42.38 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154259BS



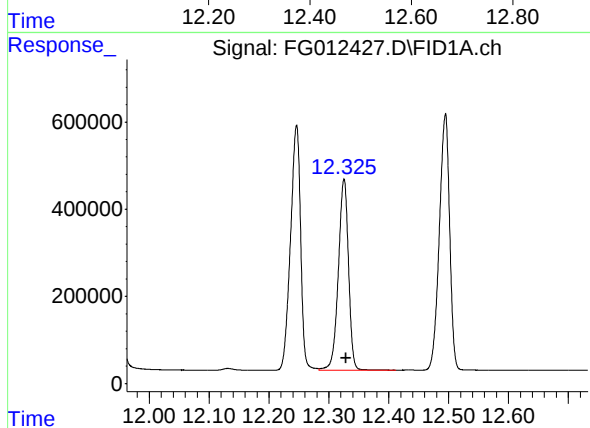
#10 n-Eicosane (C20)

R.T.: 11.883 min
Delta R.T.: 0.000 min
Response: 7126153
Conc: 52.71 ug/ml



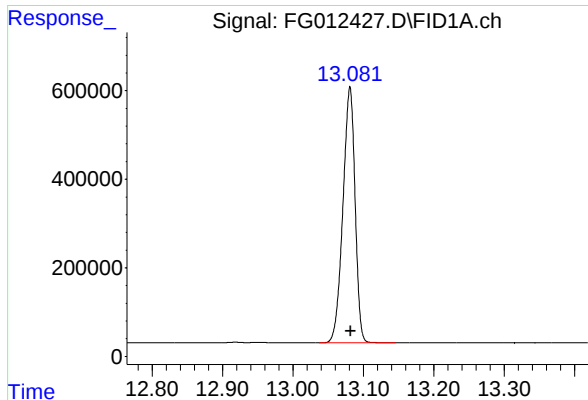
#11 n-Heneicosane (C21)

R.T.: 12.495 min
Delta R.T.: 0.000 min
Response: 7023048
Conc: 52.94 ug/ml



#12 1-chlorooctadecane (SURR)

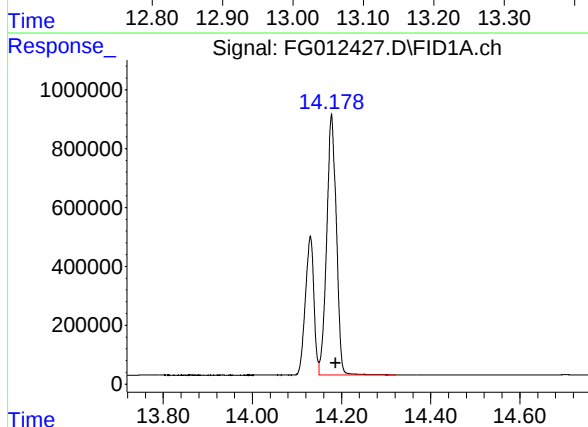
R.T.: 12.325 min
Delta R.T.: -0.003 min
Response: 5165685
Conc: 44.57 ug/ml



#13 n-Docosane (C22)

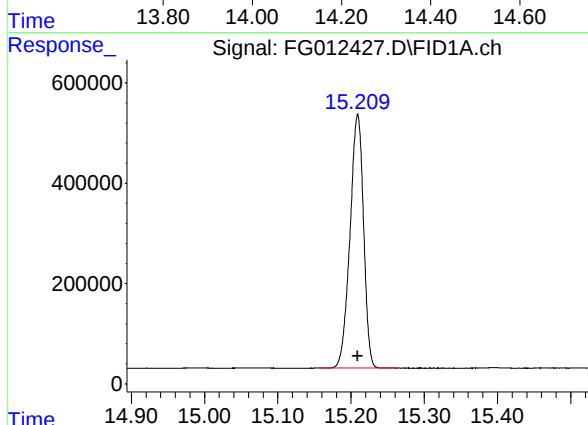
R.T.: 13.081 min
Delta R.T.: 0.000 min
Response: 6925378
Conc: 52.53 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154259BS



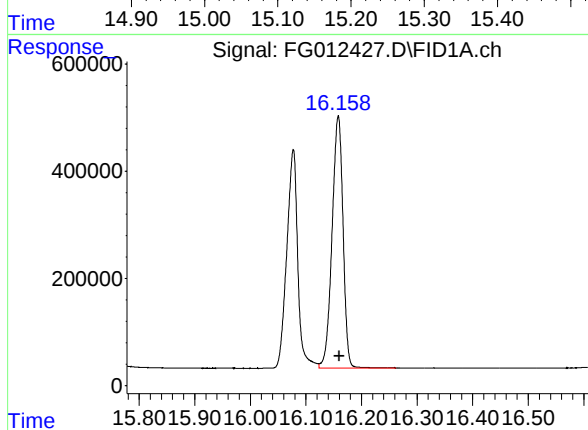
#14 n-Tetracosane (C24)

R.T.: 14.178 min
Delta R.T.: -0.009 min
Response: 13297320
Conc: 94.68 ug/ml



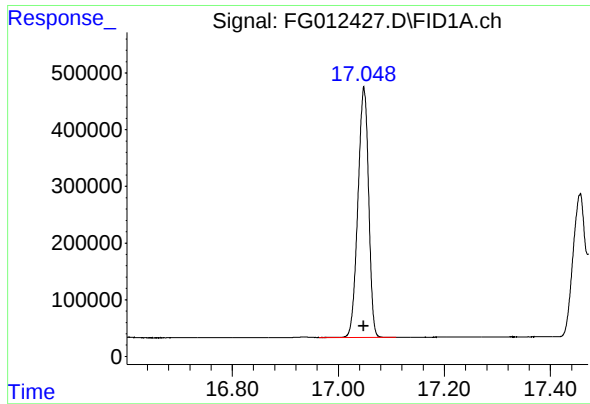
#15 n-Hexacosane (C26)

R.T.: 15.209 min
Delta R.T.: 0.000 min
Response: 6500001
Conc: 51.49 ug/ml



#16 n-Octacosane (C28)

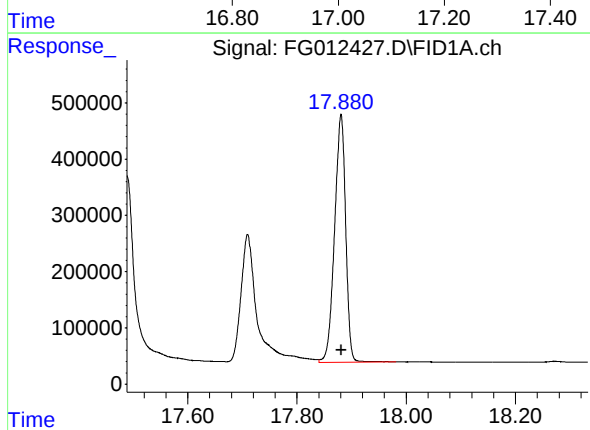
R.T.: 16.158 min
Delta R.T.: -0.002 min
Response: 6456640
Conc: 51.36 ug/ml



#17 n-Tricontane (C30)

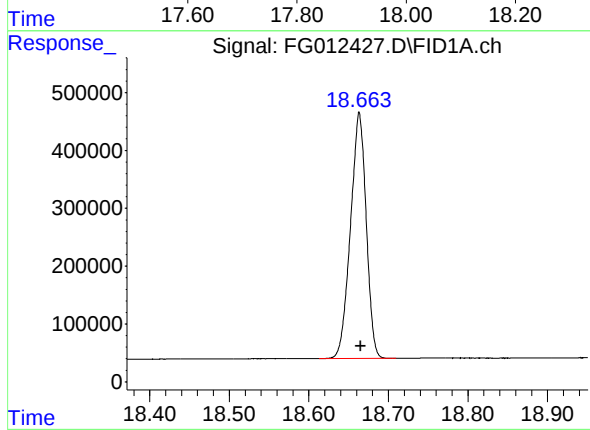
R.T.: 17.048 min
Delta R.T.: 0.000 min
Response: 6175169
Conc: 46.73 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154259BS



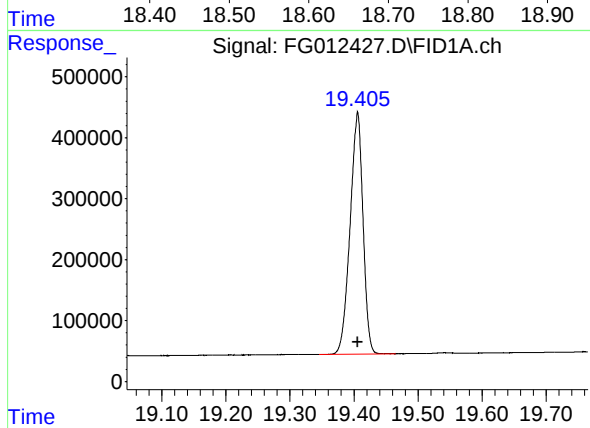
#18 n-Dotriacontane (C32)

R.T.: 17.881 min
Delta R.T.: 0.000 min
Response: 6227368
Conc: 46.80 ug/ml



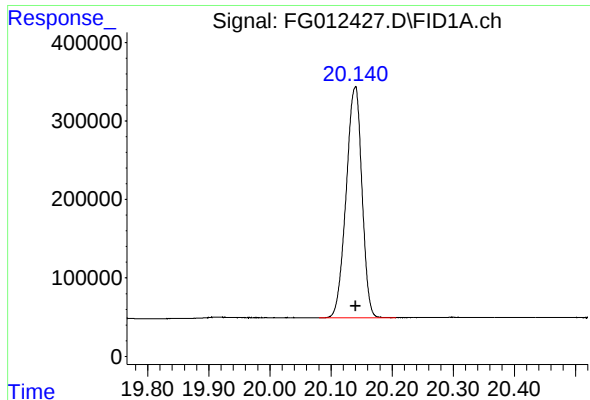
#19 n-Tetatriacontane (C34)

R.T.: 18.663 min
Delta R.T.: -0.002 min
Response: 5839441
Conc: 45.58 ug/ml



#20 n-Hexatriacontane (C36)

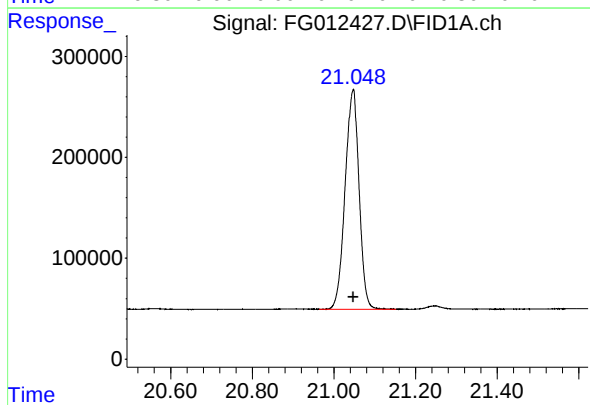
R.T.: 19.406 min
Delta R.T.: 0.000 min
Response: 5550890
Conc: 44.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.140 min
Delta R.T.: 0.000 min
Response: 5291072
Conc: 44.30 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154259BS



#22 n-Tetracontane (C40)

R.T.: 21.048 min
Delta R.T.: 0.000 min
Response: 5173628
Conc: 44.65 ug/ml