

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015860.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 19:50
 Operator : YP\AJ
 Sample : PB168029BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168029BSD

Integration File: autoint1.e
 Quant Time: May 17 00:45:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.891	5977611	40.148 ug/ml
Spiked Amount 50.000		Recovery =	80.30%
12) S 1-chlorooctadecane (S...	13.335	4894076	42.483 ug/ml
Spiked Amount 50.000		Recovery =	84.97%
Target Compounds			
1) T n-Nonane (C9)	3.248	3325586	29.641 ug/ml
2) T n-Decane (C10)	4.501	3520964	31.120 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3829061	32.752 ug/ml
4) T n-Dodecane (C12)	6.676	3669202	31.842 ug/ml
5) T A~2-methylnaphthalene...	7.311	3462123	30.311 ug/ml
6) T n-Tetradecane (C14)	8.512	3668357	31.848 ug/ml
7) T n-Hexadecane (C16)	10.125	3743125	31.650 ug/ml
8) T n-Octadecane (C18)	11.574	3766069	30.982 ug/ml
10) T n-Eicosane (C20)	12.888	3931797	32.082 ug/ml
11) T n-Heneicosane (C21)	13.502	3768013	30.763 ug/ml
13) T n-Docosane (C22)	14.090	3739381	30.692 ug/ml
14) T n-Tetracosane (C24)	15.188	7640681	63.081 ug/ml
15) T n-Hexacosane (C26)	16.222	3686957	30.800 ug/ml
16) T n-Octacosane (C28)	17.174	3751913	31.820 ug/ml
17) T n-Tricontane (C30)	18.065	3614738	30.420 ug/ml
18) T n-Dotriacontane (C32)	18.898	3296111	27.905 ug/ml
19) T n-Tetratriacontane (C34)	19.682	2260730	20.245 ug/ml
20) T n-Hexatriacontane (C36)	20.422	1156631	10.696 ug/ml
21) T n-Octatriacontane (C38)	21.160	603865	5.813 ug/ml
22) T n-Tetracontane (C40)	22.082	384408	3.770 ug/ml

(f)=RT Delta > 1/2 Window

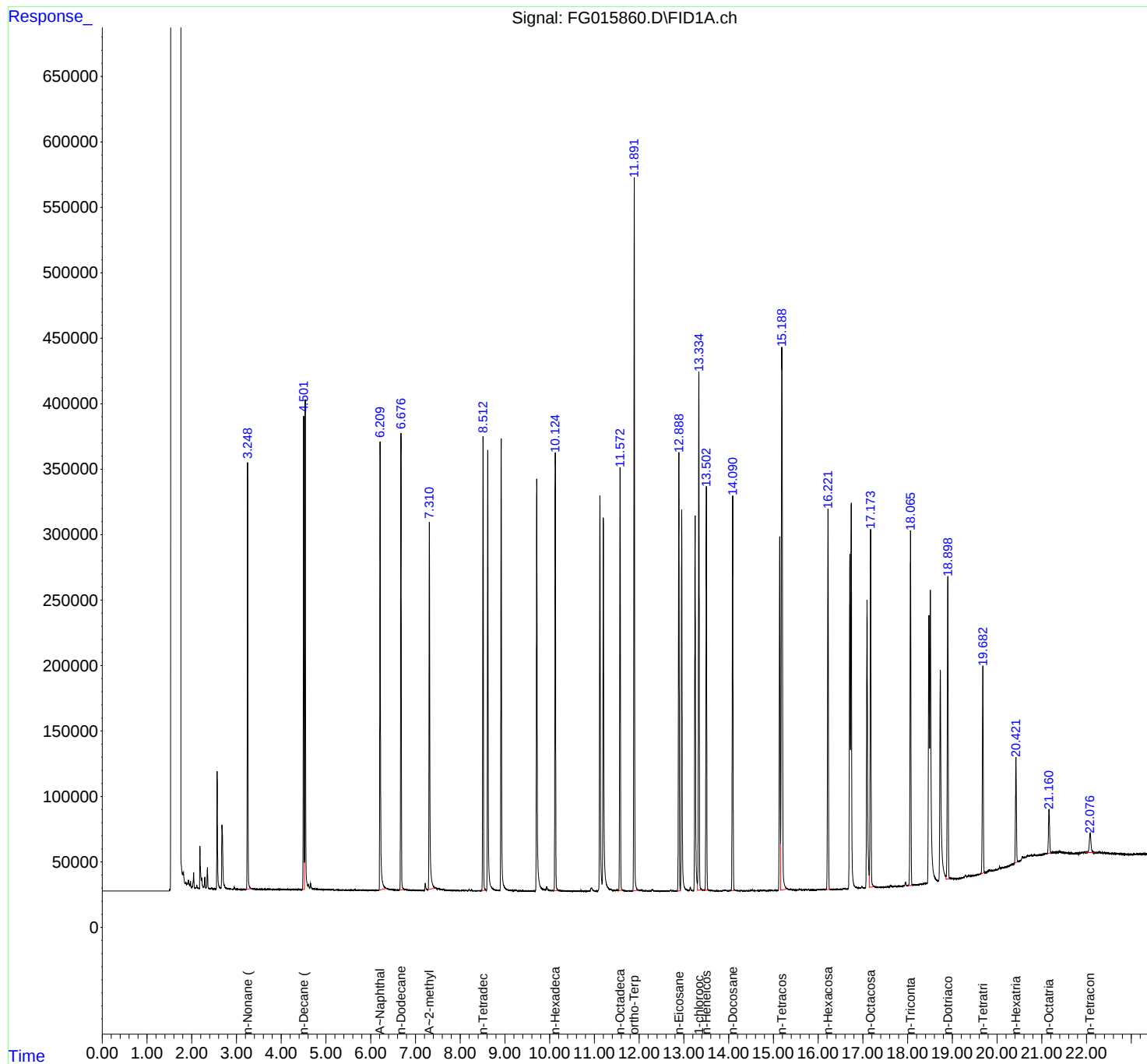
(m)=manual int.

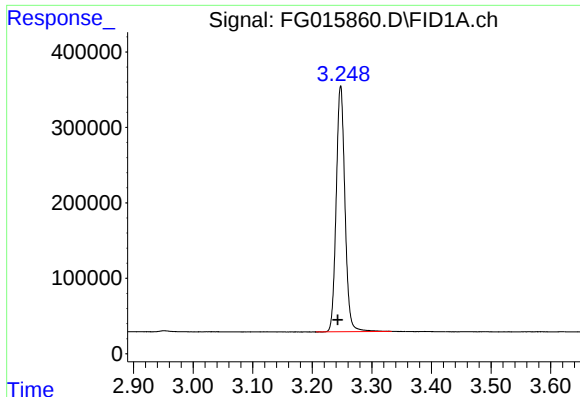
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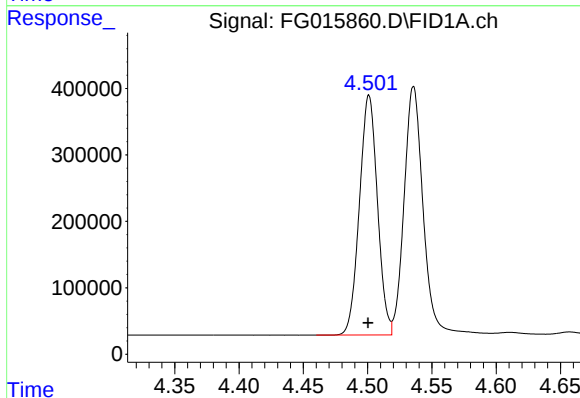




#1 n-Nonane (C9)

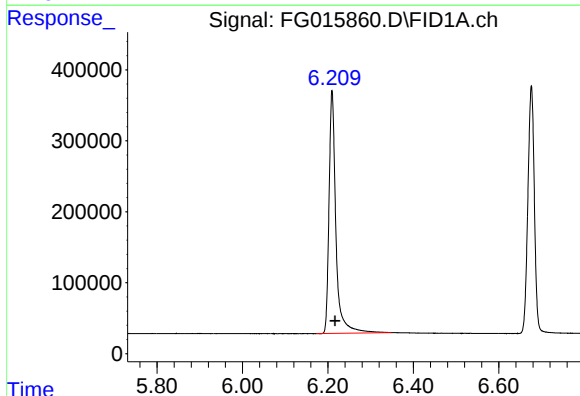
R.T.: 3.248 min
Delta R.T.: 0.005 min
Response: 3325586
Conc: 29.64 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BSD



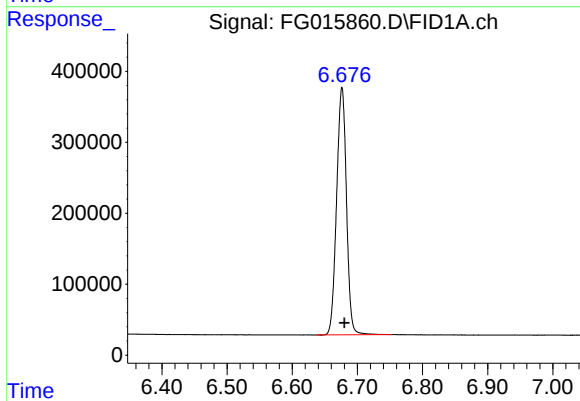
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3520964
Conc: 31.12 ug/ml



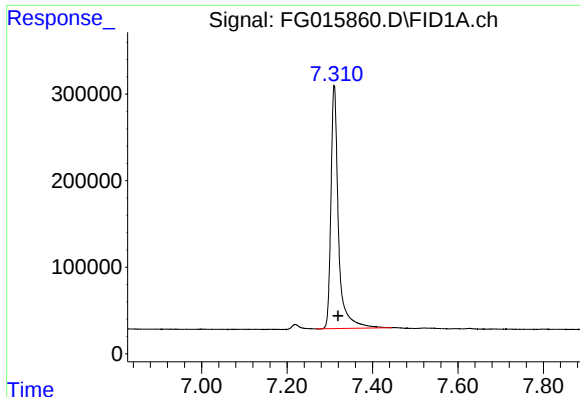
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 3829061
Conc: 32.75 ug/ml



#4 n-Dodecane (C12)

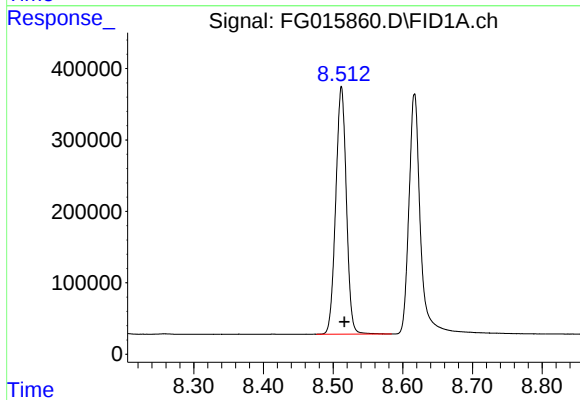
R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 3669202
Conc: 31.84 ug/ml



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

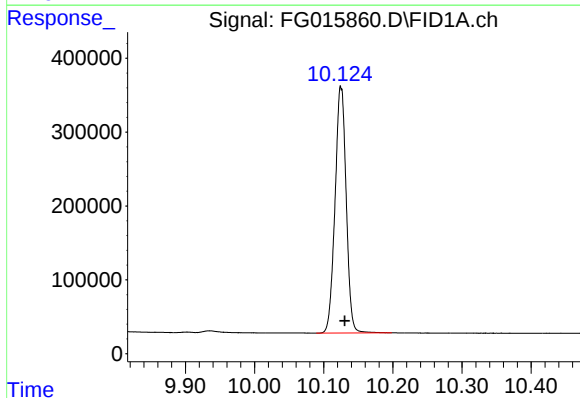
R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 3462123
Conc: 30.31 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BSD



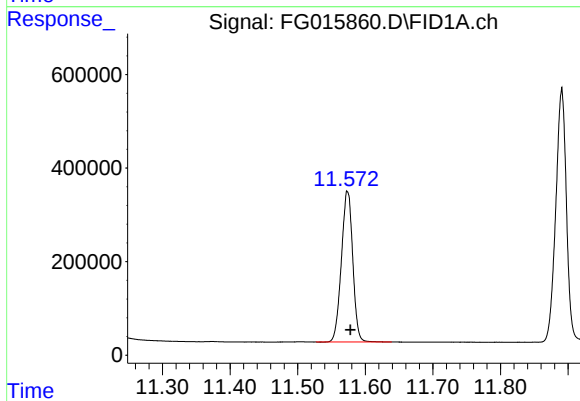
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 3668357
Conc: 31.85 ug/ml



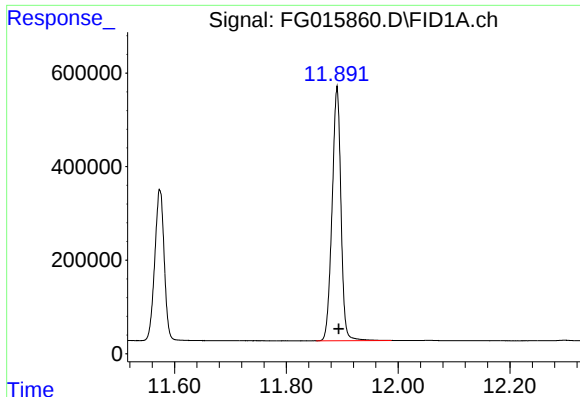
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.005 min
Response: 3743125
Conc: 31.65 ug/ml



#8 n-Octadecane (C18)

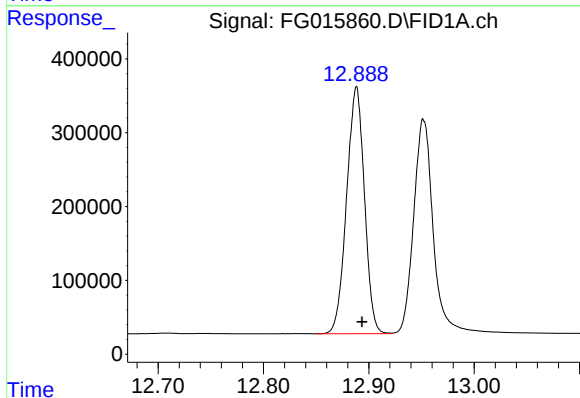
R.T.: 11.574 min
Delta R.T.: -0.004 min
Response: 3766069
Conc: 30.98 ug/ml



#9 ortho-Terphenyl (SURR)

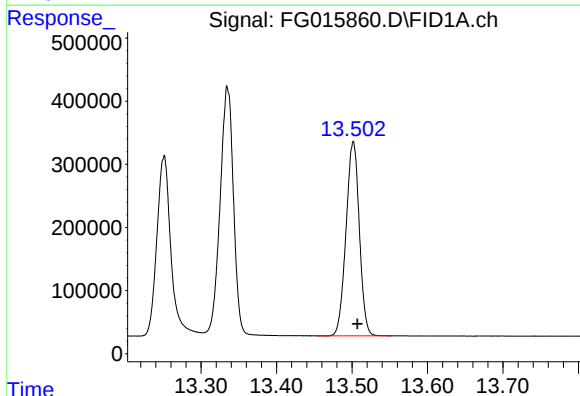
R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5977611
Conc: 40.15 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BSD



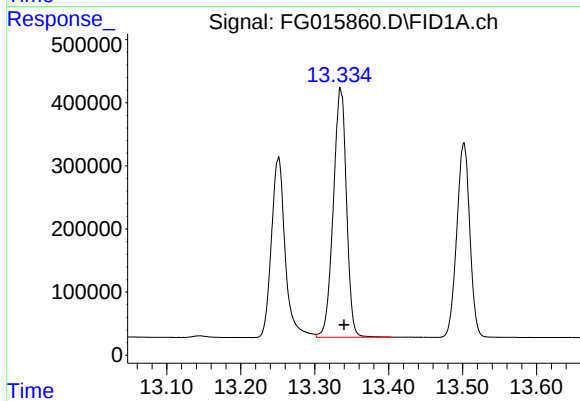
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.005 min
Response: 3931797
Conc: 32.08 ug/ml



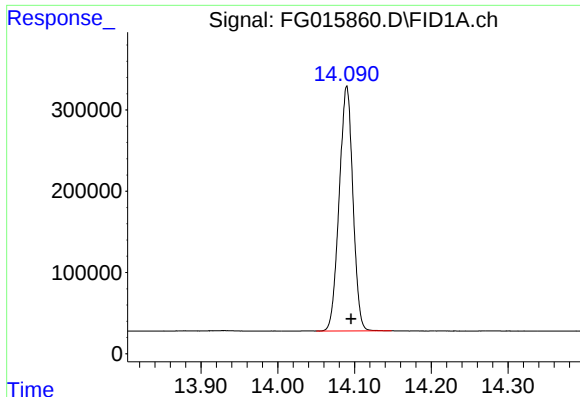
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: -0.005 min
Response: 3768013
Conc: 30.76 ug/ml



#12 1-chlorooctadecane (SURR)

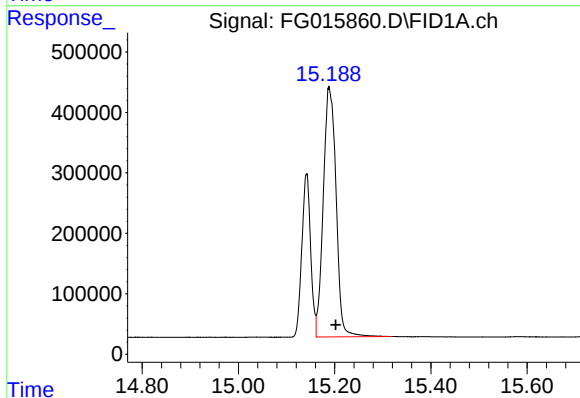
R.T.: 13.335 min
Delta R.T.: -0.004 min
Response: 4894076
Conc: 42.48 ug/ml



#13 n-Docosane (C22)

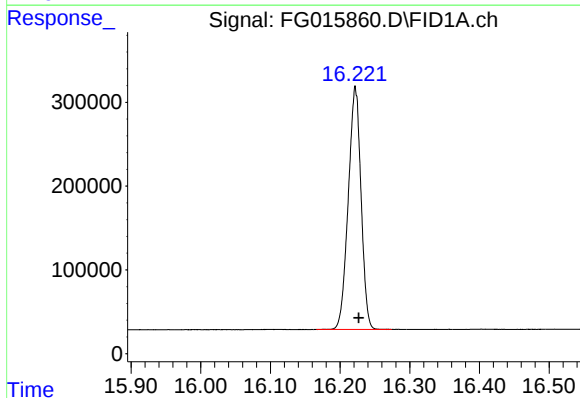
R.T.: 14.090 min
Delta R.T.: -0.006 min
Response: 3739381
Conc: 30.69 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BSD



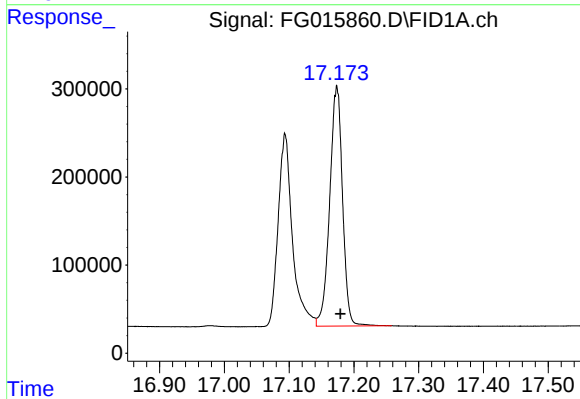
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.014 min
Response: 7640681
Conc: 63.08 ug/ml



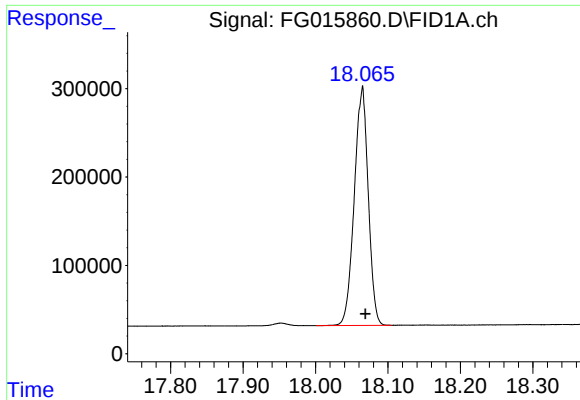
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.005 min
Response: 3686957
Conc: 30.80 ug/ml



#16 n-Octacosane (C28)

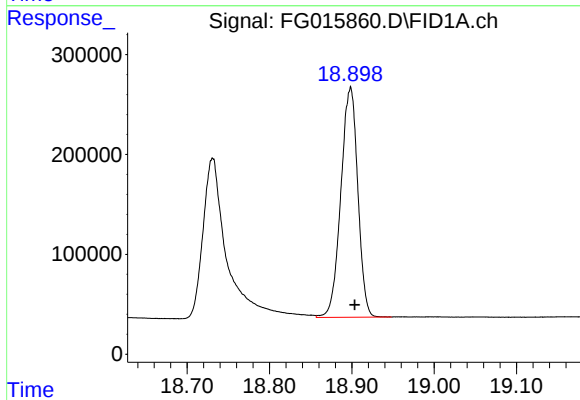
R.T.: 17.174 min
Delta R.T.: -0.005 min
Response: 3751913
Conc: 31.82 ug/ml



#17 n-Tricontane (C30)

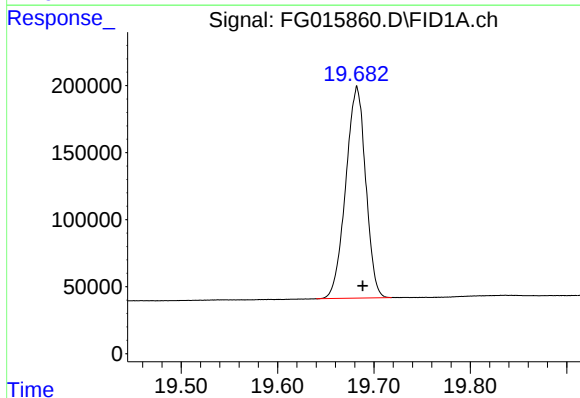
R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 3614738
Conc: 30.42 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BSD



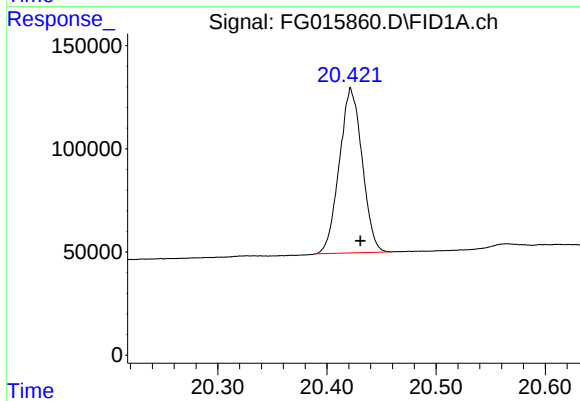
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.005 min
Response: 3296111
Conc: 27.91 ug/ml



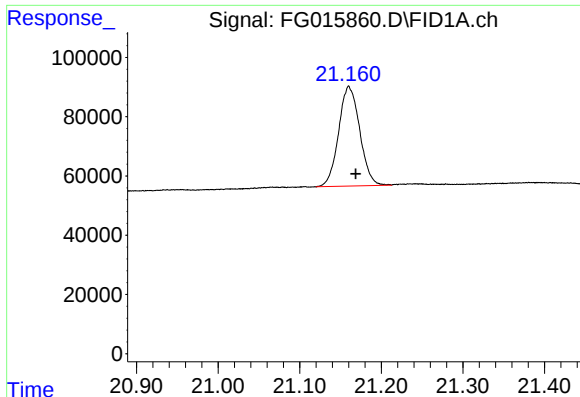
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.006 min
Response: 2260730
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

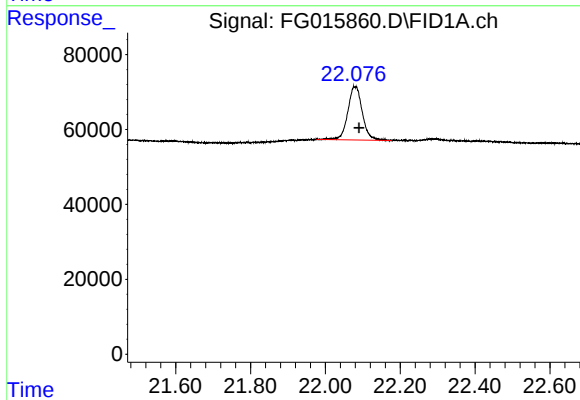
R.T.: 20.422 min
Delta R.T.: -0.009 min
Response: 1156631
Conc: 10.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.008 min
Response: 603865
Conc: 5.81 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BSD



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.008 min
Response: 384408
Conc: 3.77 ug/ml