

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015859.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 19:21
 Operator : YP\AJ
 Sample : PB168029BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168029BS

Integration File: autoint1.e
 Quant Time: May 17 00:45:14 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)	11.892	6187500	41.558 ug/ml
Spiked Amount 50.000		Recovery =	83.12%
12) S 1-chlorooctadecane (S...	13.335	5065498	43.971 ug/ml
Spiked Amount 50.000		Recovery =	87.94%
Target Compounds			
1) T n-Nonane (C9)	3.248	3413359	30.423 ug/ml
2) T n-Decane (C10)	4.501	3657261	32.325 ug/ml
3) T A~Naphthalene (C11.7)	6.210	4021851	34.401 ug/ml
4) T n-Dodecane (C12)	6.676	3822417	33.172 ug/ml
5) T A~2-methylnaphthalene...	7.311	3651659	31.970 ug/ml
6) T n-Tetradecane (C14)	8.512	3823472	33.195 ug/ml
7) T n-Hexadecane (C16)	10.125	3905369	33.022 ug/ml
8) T n-Octadecane (C18)	11.574	3921120	32.257 ug/ml
10) T n-Eicosane (C20)	12.889	4085300	33.335 ug/ml
11) T n-Heneicosane (C21)	13.503	3918285	31.989 ug/ml
13) T n-Docosane (C22)	14.090	3883184	31.872 ug/ml
14) T n-Tetracosane (C24)	15.189	7937069	65.528 ug/ml
15) T n-Hexacosane (C26)	16.222	3824186	31.946 ug/ml
16) T n-Octacosane (C28)	17.174	3884532	32.945 ug/ml
17) T n-Tricontane (C30)	18.065	3748757	31.548 ug/ml
18) T n-Dotriacontane (C32)	18.897	3430682	29.045 ug/ml
19) T n-Tetratriacontane (C34)	19.682	2398196	21.476 ug/ml
20) T n-Hexatriacontane (C36)	20.423	1269749	11.742 ug/ml
21) T n-Octatriacontane (C38)	21.161	680786	6.554 ug/ml
22) T n-Tetracontane (C40)	22.078	424336	4.161 ug/ml

(f)=RT Delta > 1/2 Window

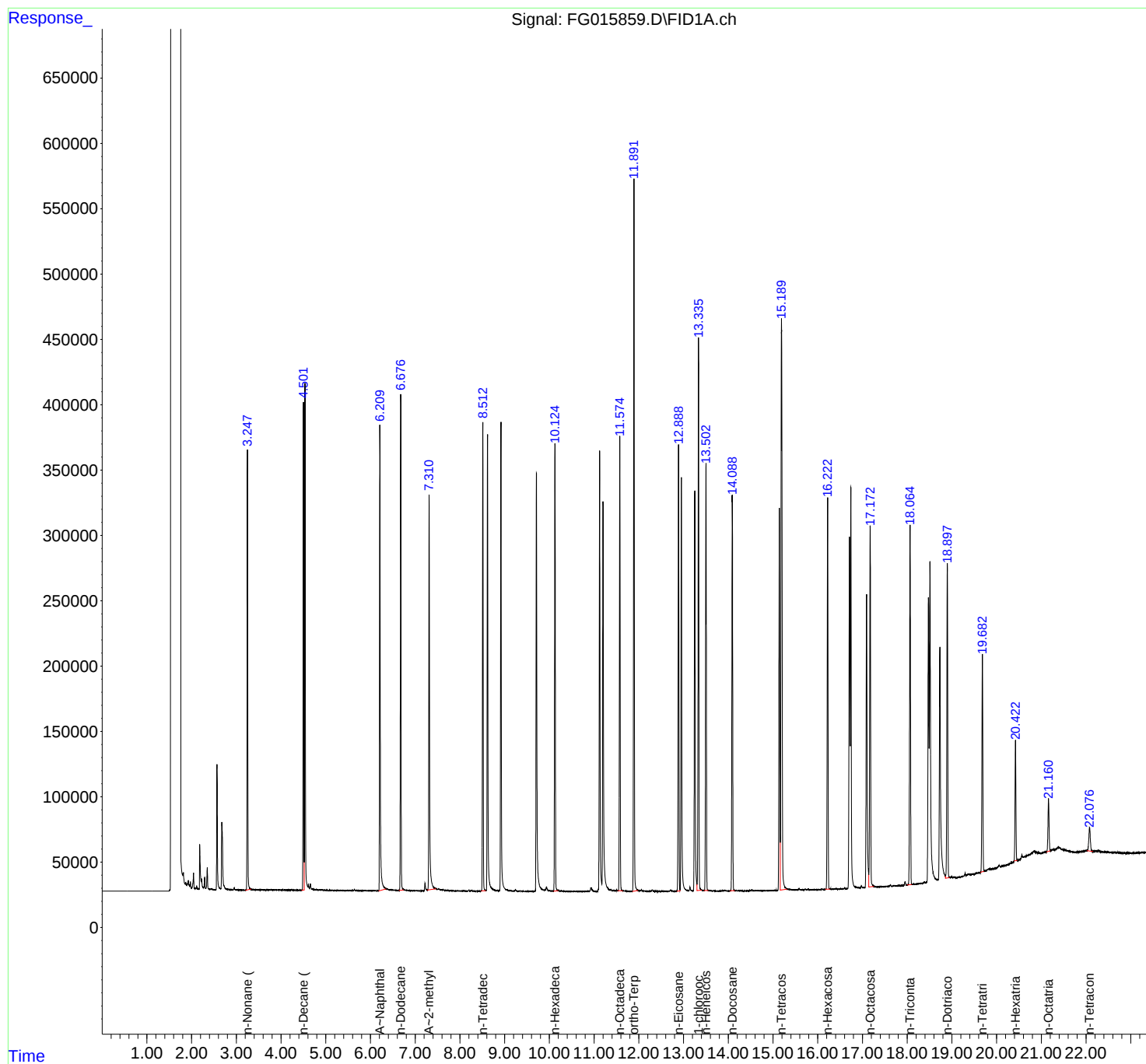
(m)=manual int.

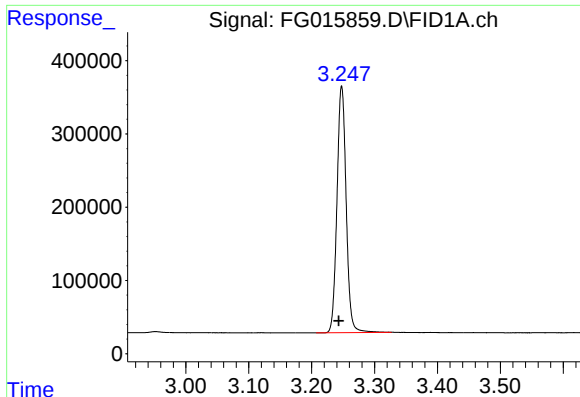
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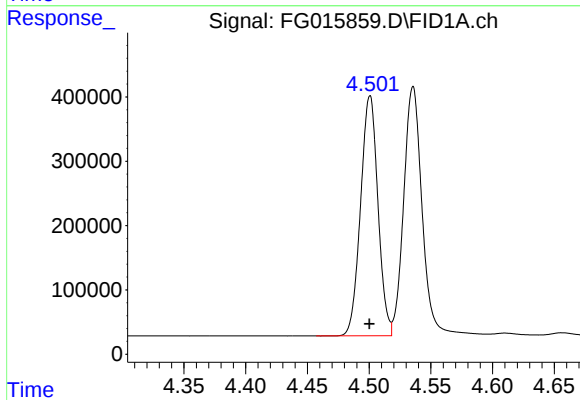




#1 n-Nonane (C9)

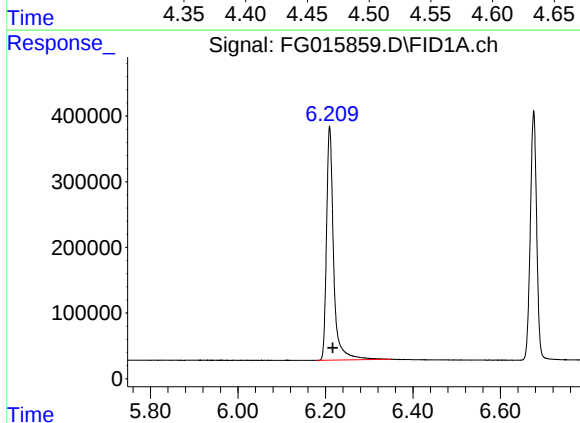
R.T.: 3.248 min
Delta R.T.: 0.005 min
Response: 3413359
Conc: 30.42 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BS



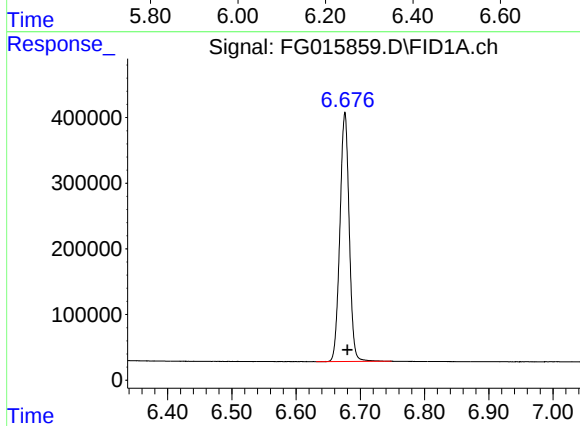
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3657261
Conc: 32.32 ug/ml



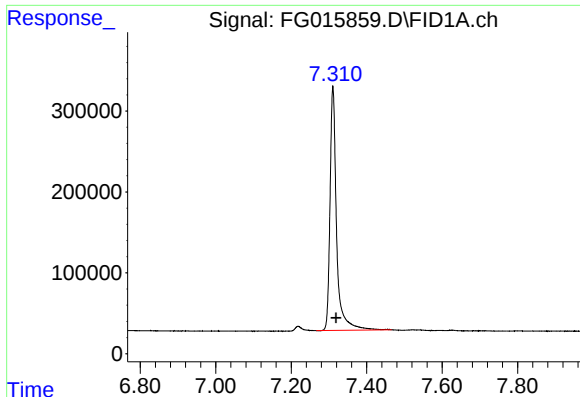
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 4021851
Conc: 34.40 ug/ml



#4 n-Dodecane (C12)

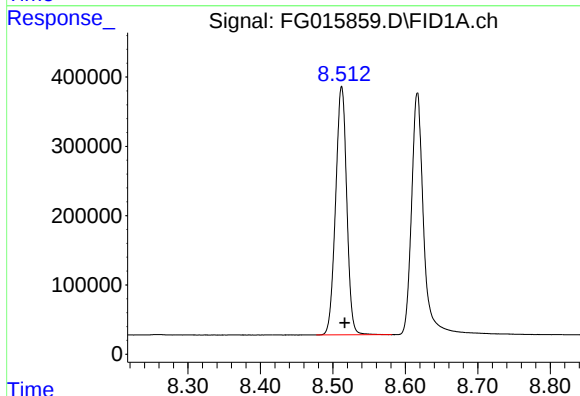
R.T.: 6.676 min
Delta R.T.: -0.004 min
Response: 3822417
Conc: 33.17 ug/ml



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

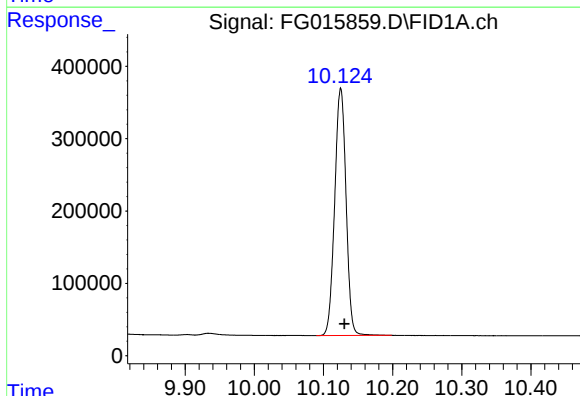
R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 3651659
Conc: 31.97 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BS



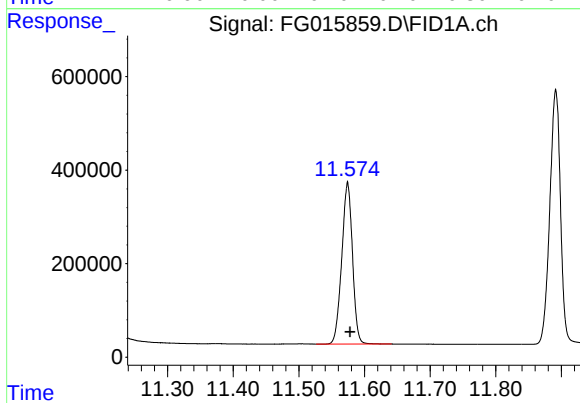
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 3823472
Conc: 33.19 ug/ml



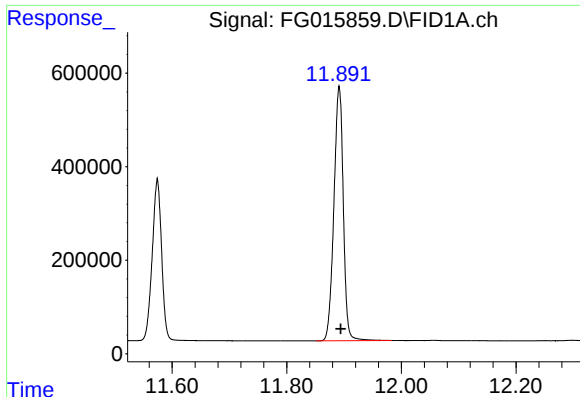
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.005 min
Response: 3905369
Conc: 33.02 ug/ml



#8 n-Octadecane (C18)

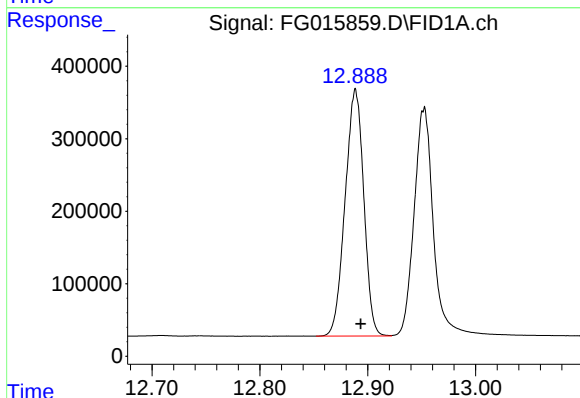
R.T.: 11.574 min
Delta R.T.: -0.004 min
Response: 3921120
Conc: 32.26 ug/ml



#9 ortho-Terphenyl (SURR)

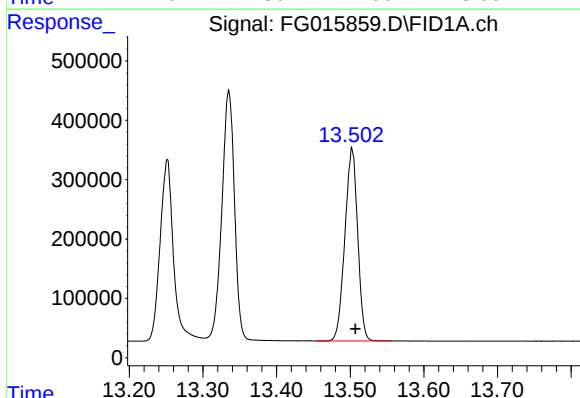
R.T.: 11.892 min
Delta R.T.: -0.002 min
Response: 6187500
Conc: 41.56 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BS



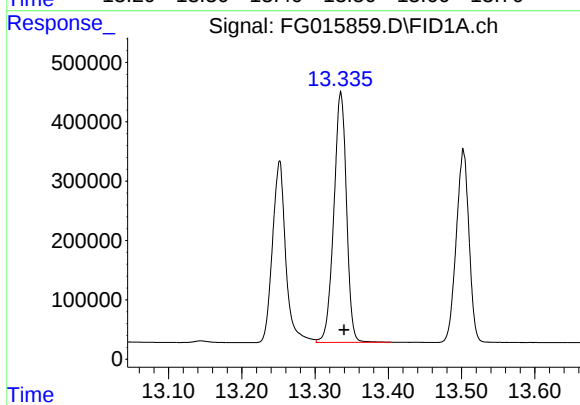
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 4085300
Conc: 33.33 ug/ml



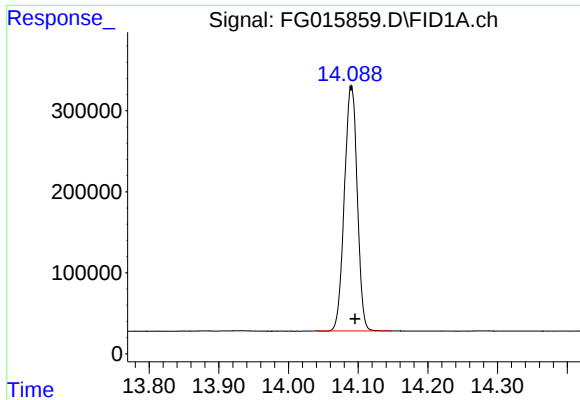
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 3918285
Conc: 31.99 ug/ml



#12 1-chlorooctadecane (SURR)

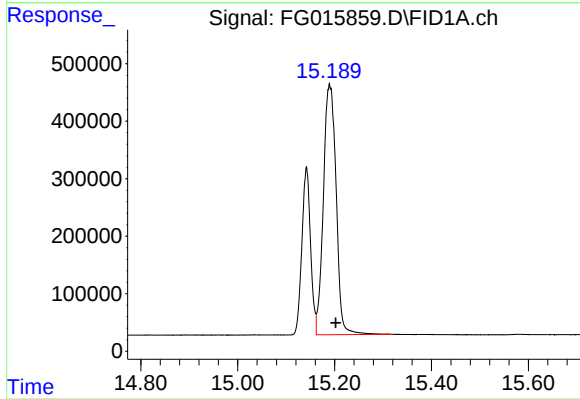
R.T.: 13.335 min
Delta R.T.: -0.004 min
Response: 5065498
Conc: 43.97 ug/ml



#13 n-Docosane (C22)

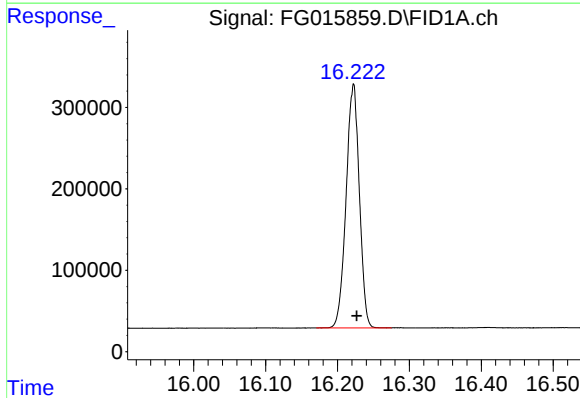
R.T.: 14.090 min
Delta R.T.: -0.006 min
Response: 3883184
Conc: 31.87 ug/ml

Instrument :
FID_G
ClientSampleId :
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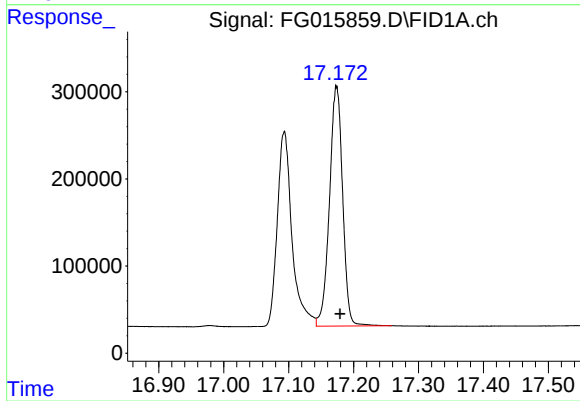
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.013 min
Response: 7937069
Conc: 65.53 ug/ml



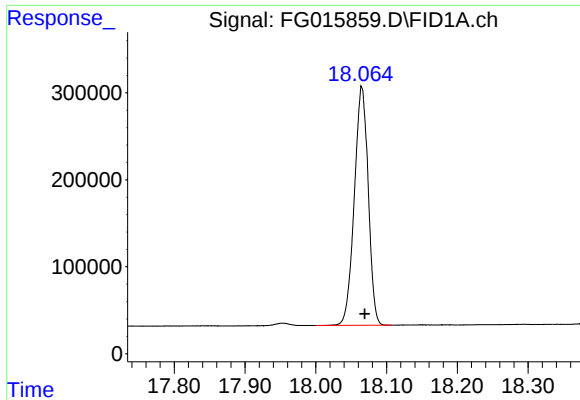
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.004 min
Response: 3824186
Conc: 31.95 ug/ml



#16 n-Octacosane (C28)

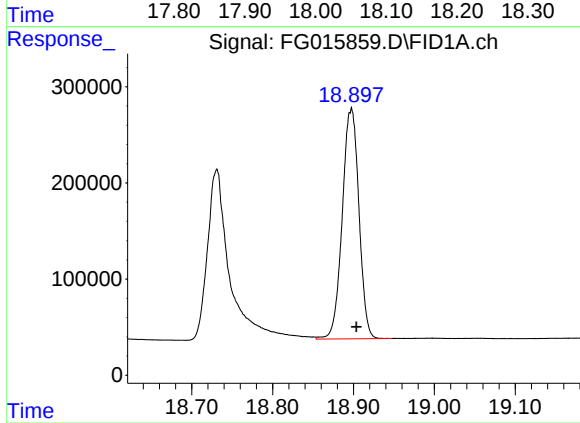
R.T.: 17.174 min
Delta R.T.: -0.005 min
Response: 3884532
Conc: 32.94 ug/ml



#17 n-Tricontane (C30)

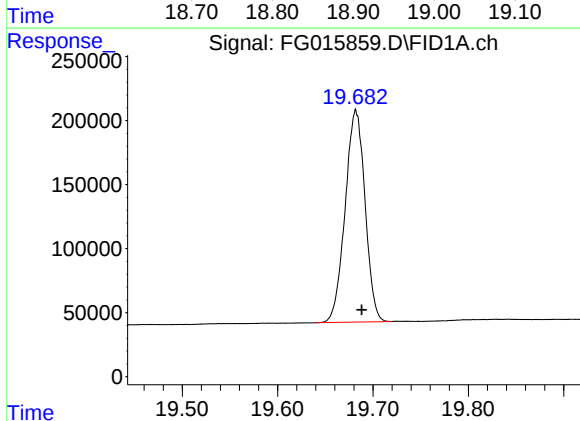
R.T.: 18.065 min
Delta R.T.: -0.004 min
Response: 3748757
Conc: 31.55 ug/ml

Instrument :
FID_G
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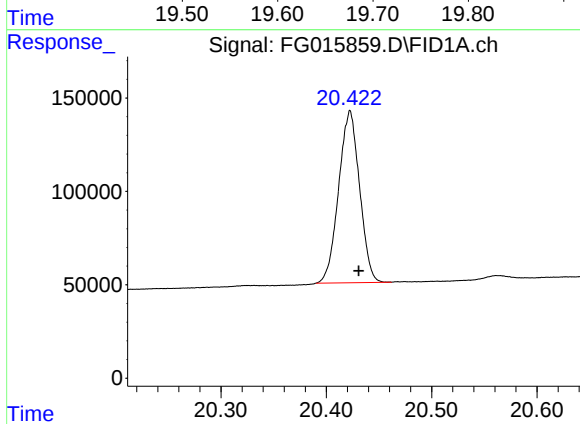
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.006 min
Response: 3430682
Conc: 29.04 ug/ml



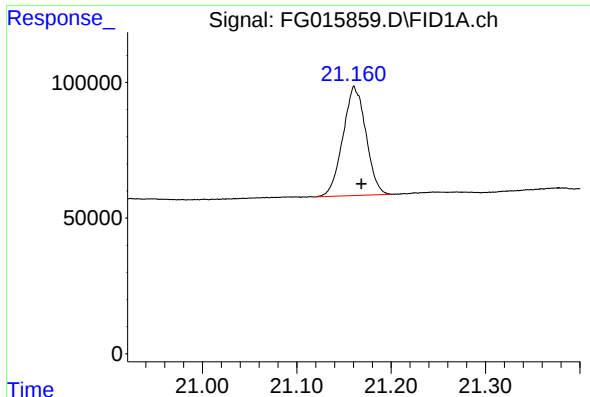
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.006 min
Response: 2398196
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

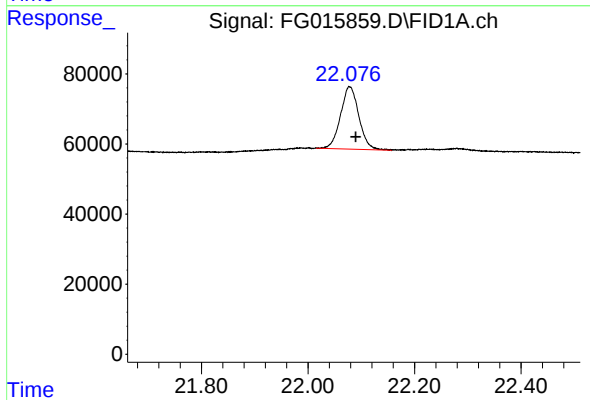
R.T.: 20.423 min
Delta R.T.: -0.008 min
Response: 1269749
Conc: 11.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.008 min
Response: 680786
Conc: 6.55 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BS



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: -0.012 min
Response: 424336
Conc: 4.16 ug/ml