

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013493.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 16:21
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2024
 Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e
 Quant Time: Feb 12 22:39:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:39:20 2024
 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)	11.964	740006	5.144 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
12) S 1-chlorooctadecane (S...	13.406	559004	5.124 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
Target Compounds			
1) T n-Nonane (C9)	3.328	665220	5.142 ug/mlm
2) T n-Decane (C10)	4.582	679185	5.136 ug/ml
3) T A~Naphthalene (C11.7)	6.287	744503	5.139 ug/ml
4) T n-Dodecane (C12)	6.751	688510	5.140 ug/ml
5) T A~2-methylnaphthalene...	7.385	719765	5.130 ug/ml
6) T n-Tetradecane (C14)	8.584	685130	5.145 ug/ml
7) T n-Hexadecane (C16)	10.197	708146	5.153 ug/ml
8) T n-Octadecane (C18)	11.645	712721	5.149 ug/ml
10) T n-Eicosane (C20)	12.960	680895	5.150 ug/ml
11) T n-Heneicosane (C21)	13.574	667346	5.150 ug/ml
13) T n-Docosane (C22)	14.163	661276	5.153 ug/ml
14) T n-Tetracosane (C24)	15.271	648530	5.148 ug/ml
15) T n-Hexacosane (C26)	16.296	628454	5.149 ug/ml
16) T n-Octacosane (C28)	17.249	605259	5.149 ug/ml
17) T n-Tricontane (C30)	18.139	609180	5.192 ug/ml
18) T n-Dotriacontane (C32)	18.975	587789	5.194 ug/ml
19) T n-Tetratriacontane (C34)	19.762	563135	5.183 ug/ml
20) T n-Hexatriacontane (C36)	20.504	536248	5.158 ug/ml
21) T n-Octatriacontane (C38)	21.259	533373	5.156 ug/ml
22) T n-Tetracontane (C40)	22.203	521121	5.102 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
Data File : FG013493.D
Signal(s) : FID1A.ch
Acq On : 12 Feb 2024 16:21
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

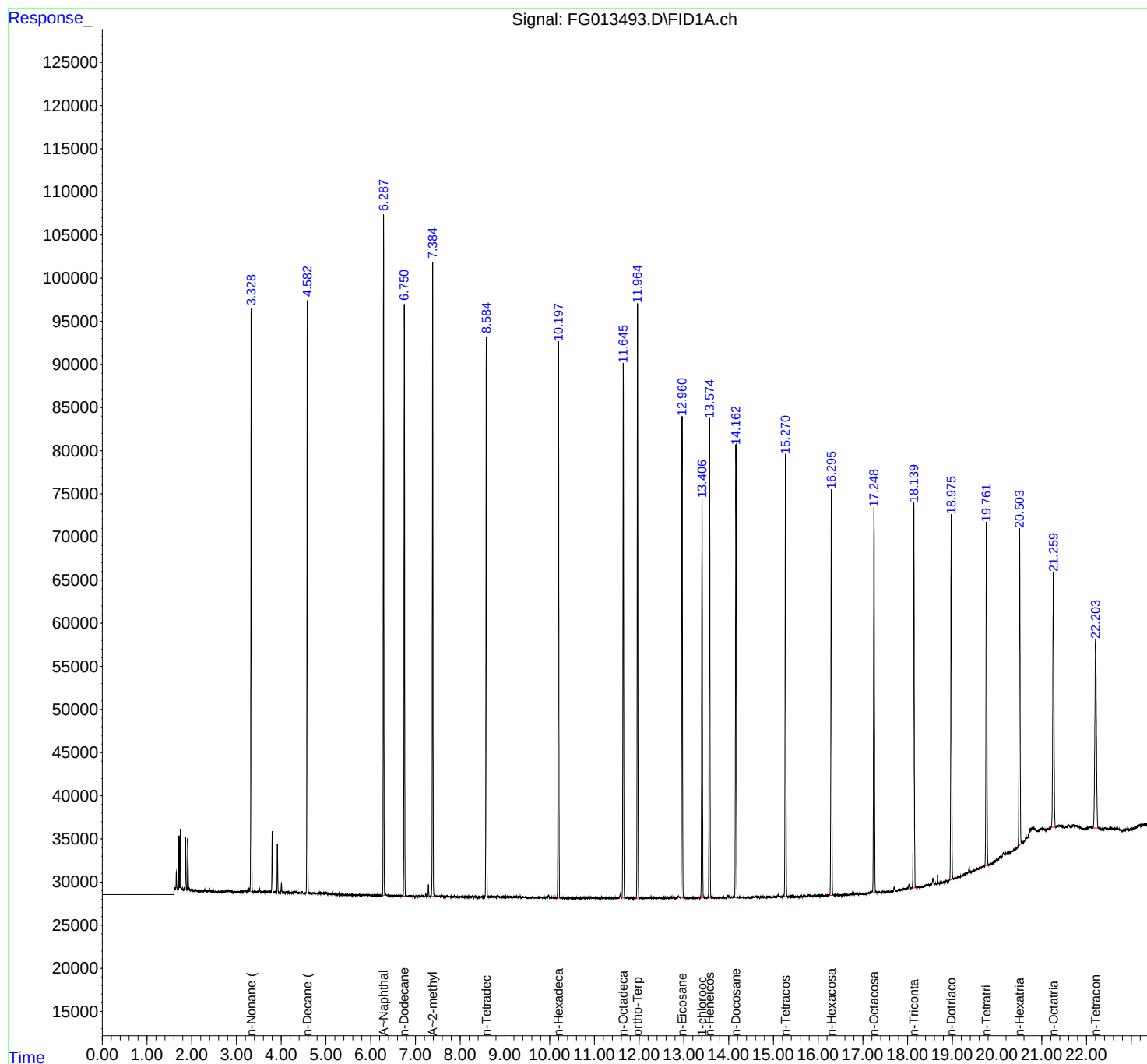
Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

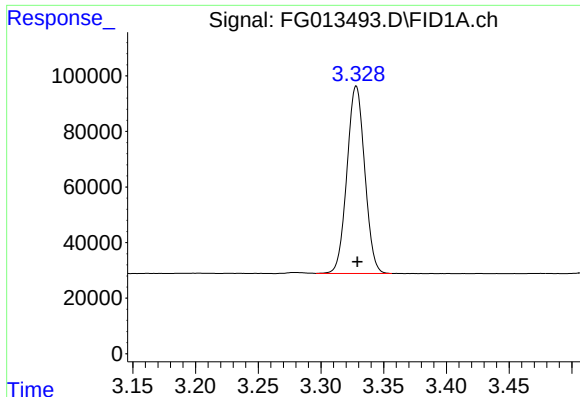
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Integration File: autoint1.e
Quant Time: Feb 12 22:39:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 22:39:20 2024
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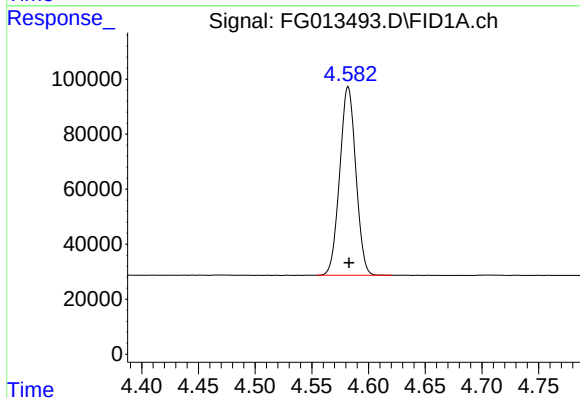
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 665220
Conc: 5.14 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

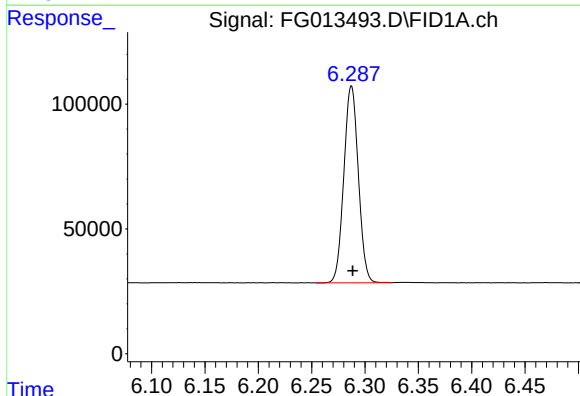
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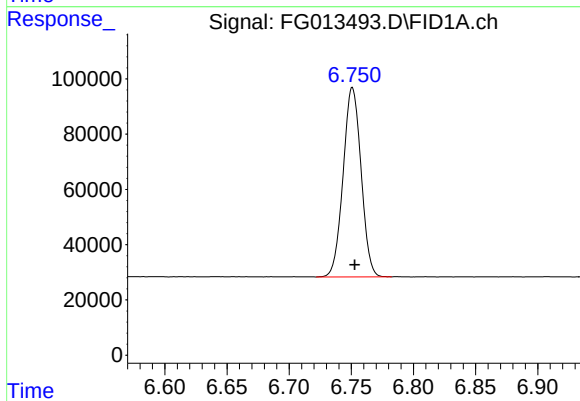
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 679185
Conc: 5.14 ug/ml



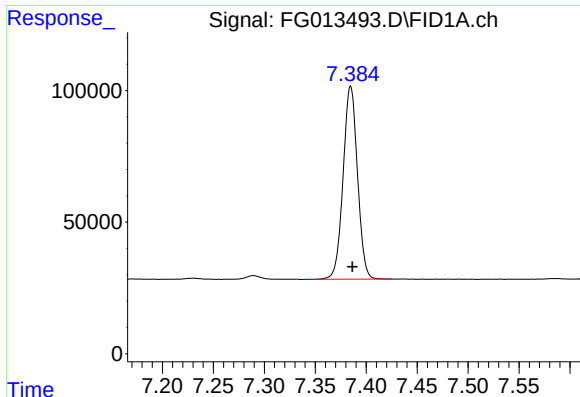
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.001 min
Response: 744503
Conc: 5.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 688510
Conc: 5.14 ug/ml



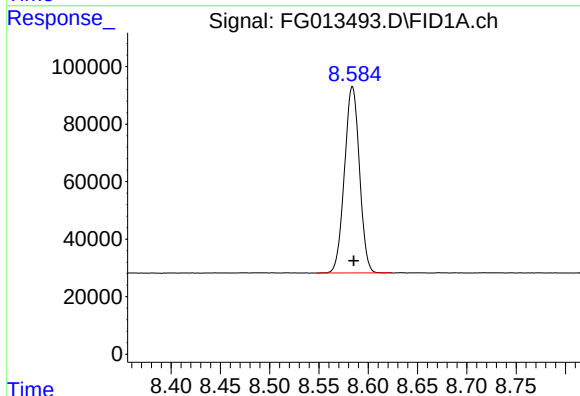
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 719765
Conc: 5.13 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

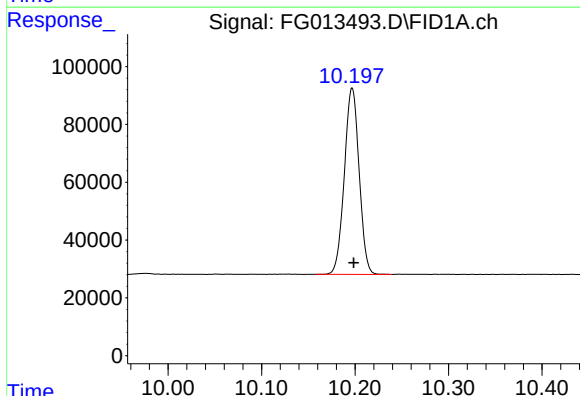
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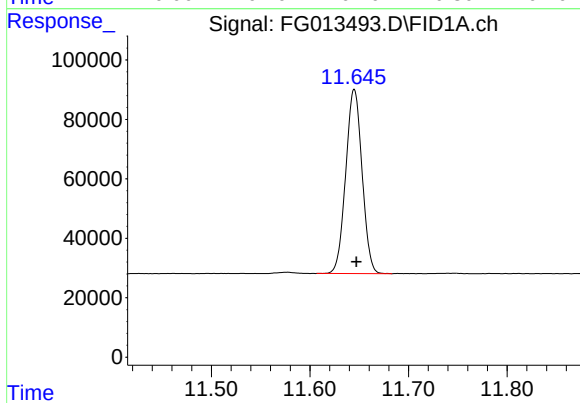
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 685130
Conc: 5.15 ug/ml



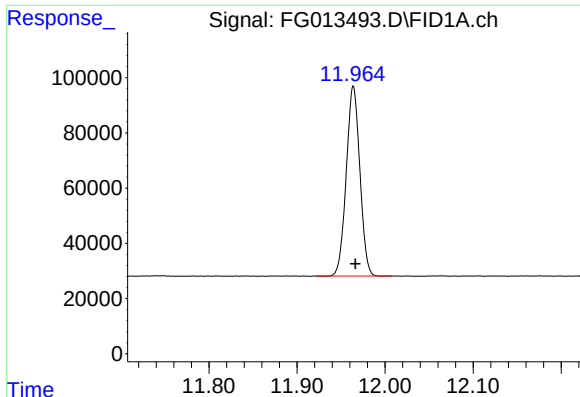
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.002 min
Response: 708146
Conc: 5.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.002 min
Response: 712721
Conc: 5.15 ug/ml



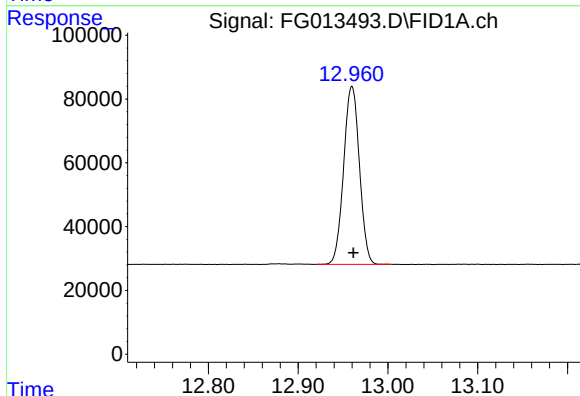
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.002 min
Response: 740006
Conc: 5.14 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

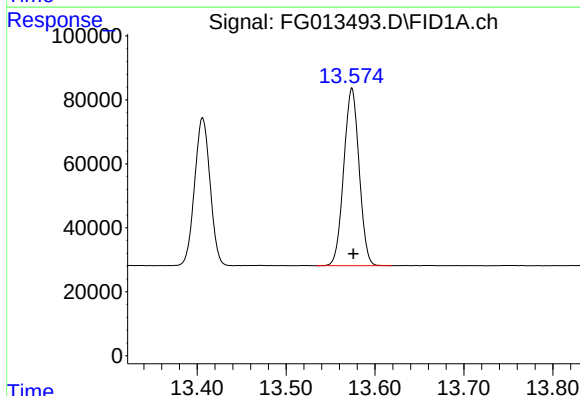
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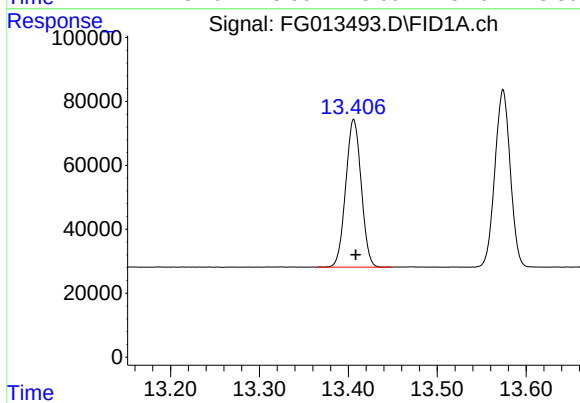
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.002 min
Response: 680895
Conc: 5.15 ug/ml



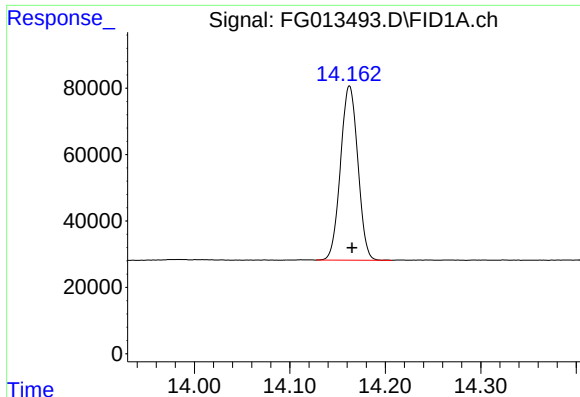
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.001 min
Response: 667346
Conc: 5.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.002 min
Response: 559004
Conc: 5.12 ug/ml



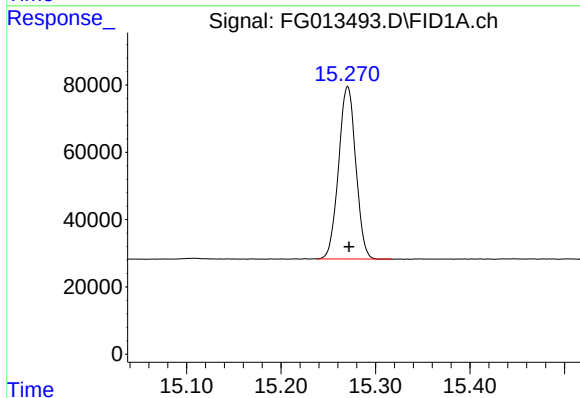
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 661276
Conc: 5.15 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

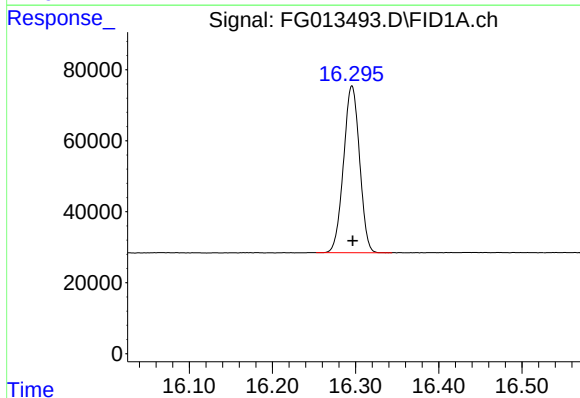
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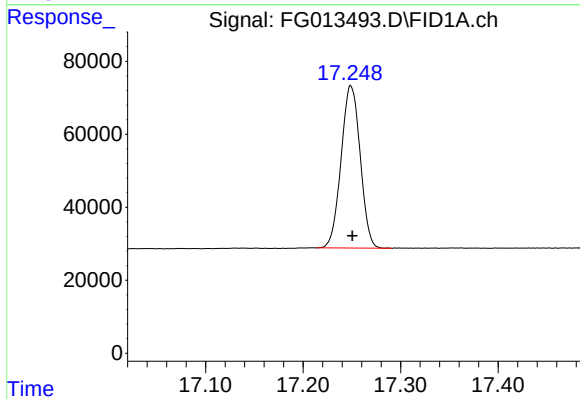
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.001 min
Response: 648530
Conc: 5.15 ug/ml



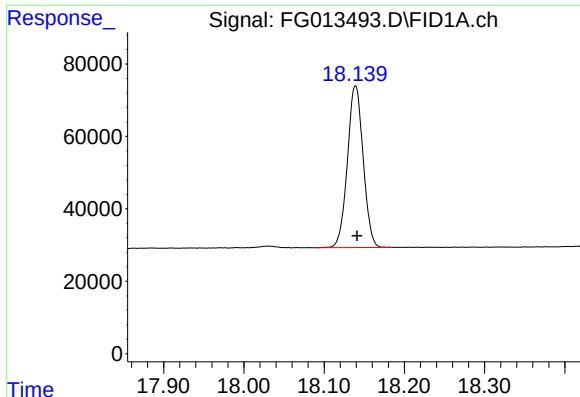
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.000 min
Response: 628454
Conc: 5.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: -0.001 min
Response: 605259
Conc: 5.15 ug/ml



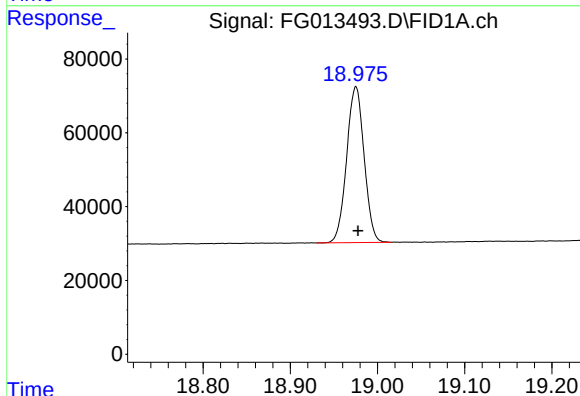
#17 n-Tricontane (C30)

R.T.: 18.139 min
Delta R.T.: -0.002 min
Response: 609180
Conc: 5.19 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

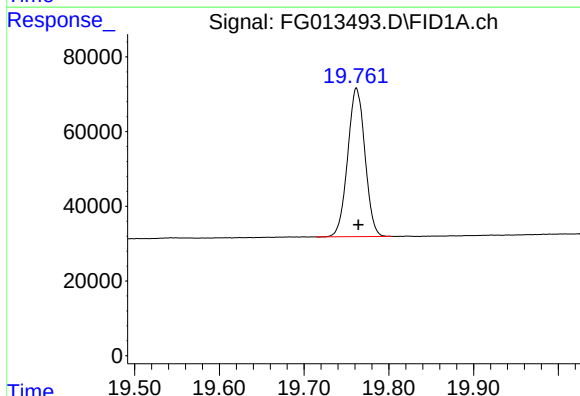
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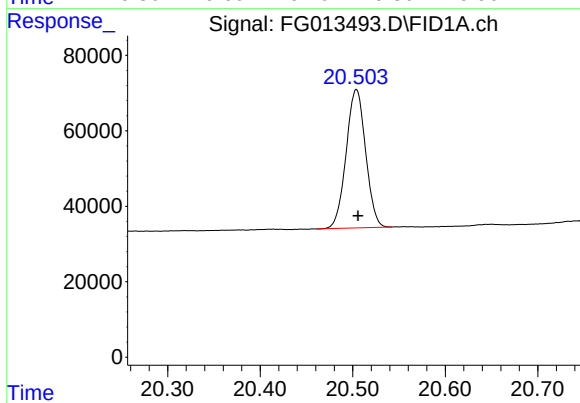
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: -0.002 min
Response: 587789
Conc: 5.19 ug/ml



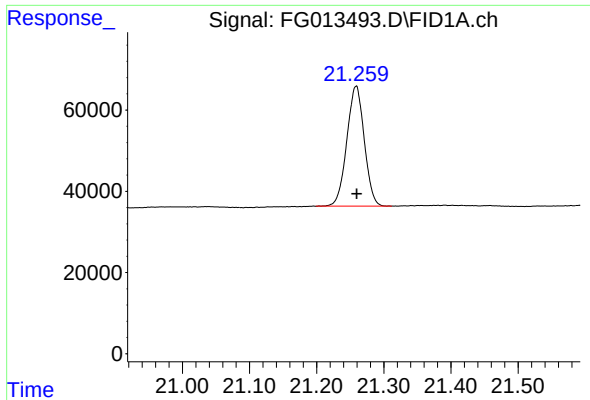
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: -0.002 min
Response: 563135
Conc: 5.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.504 min
Delta R.T.: -0.002 min
Response: 536248
Conc: 5.16 ug/ml



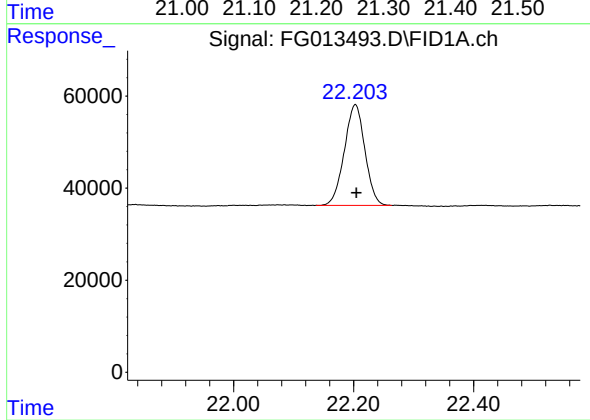
#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 533373
Conc: 5.16 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.203 min
Delta R.T.: -0.002 min
Response: 521121
Conc: 5.10 ug/ml