

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
 Data File : FG015494.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 13:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 17 13:20:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:20:26 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)	11.920	3391576	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.365	2730345	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.266	2646102	20.000 ug/ml
2) T n-Decane (C10)	4.526	2708467	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.237	2965617	20.000 ug/ml
4) T n-Dodecane (C12)	6.706	2778119	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.339	2881774	20.000 ug/ml
6) T n-Tetradecane (C14)	8.542	2817823	20.000 ug/ml
7) T n-Hexadecane (C16)	10.156	2988160	20.000 ug/ml
8) T n-Octadecane (C18)	11.605	3100397	20.000 ug/ml
10) T n-Eicosane (C20)	12.919	3075411	20.000 ug/ml
11) T n-Heneicosane (C21)	13.532	3058970	20.000 ug/ml
13) T n-Docosane (C22)	14.121	3091737	20.000 ug/ml
14) T n-Tetracosane (C24)	15.229	3180621	20.000 ug/ml
15) T n-Hexacosane (C26)	16.252	3191107	20.000 ug/ml
16) T n-Octacosane (C28)	17.205	3199748	20.000 ug/ml
17) T n-Tricontane (C30)	18.094	3316140	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.928	3173619	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2772288	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2312343	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.196	2012770	20.000 ug/ml
22) T n-Tetracontane (C40)	22.124	1845930	20.000 ug/ml

(f)=RT Delta > 1/2 Window

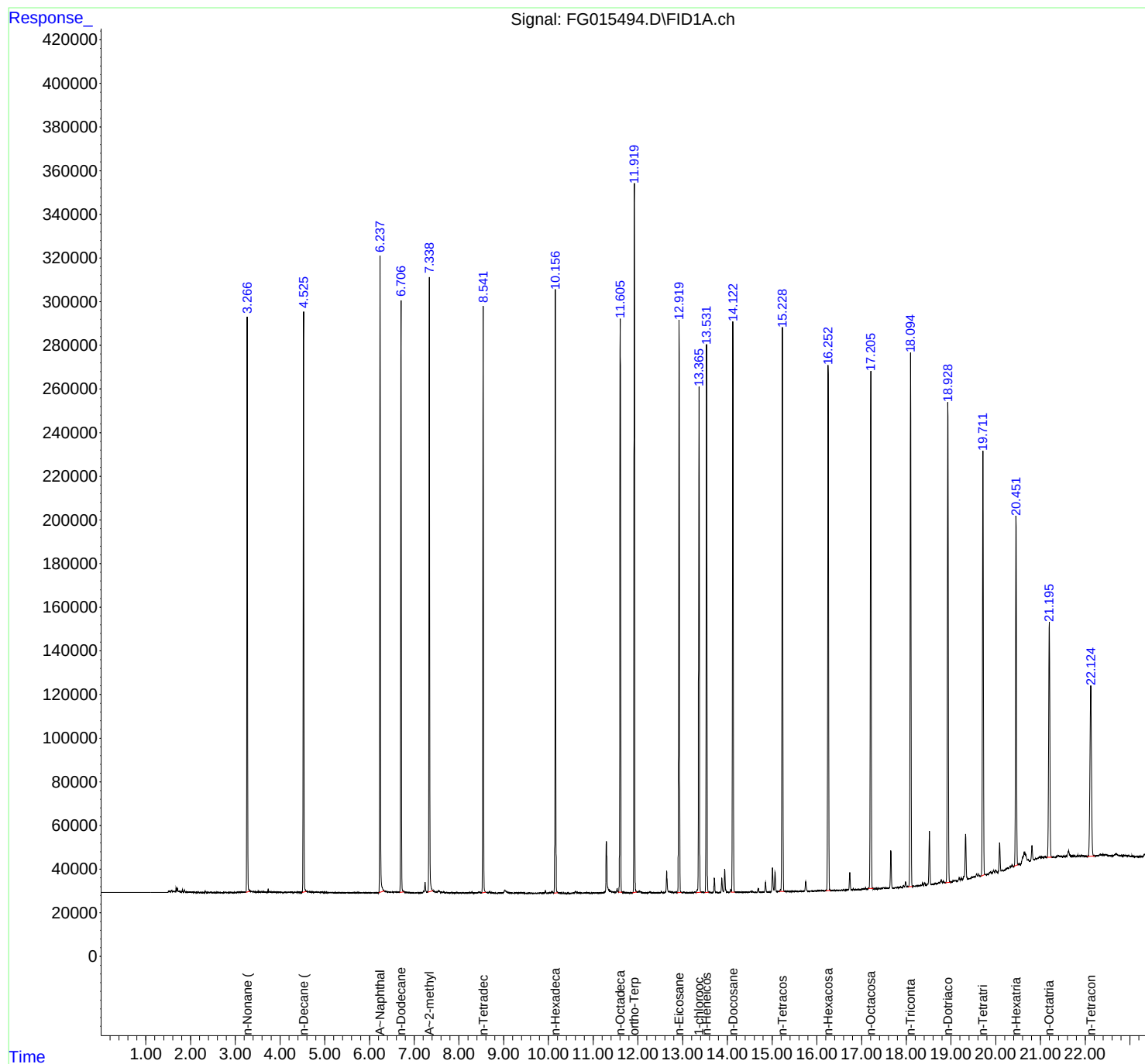
(m)=manual int.

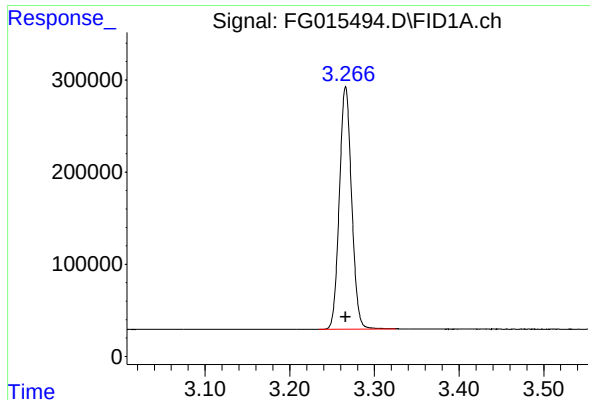
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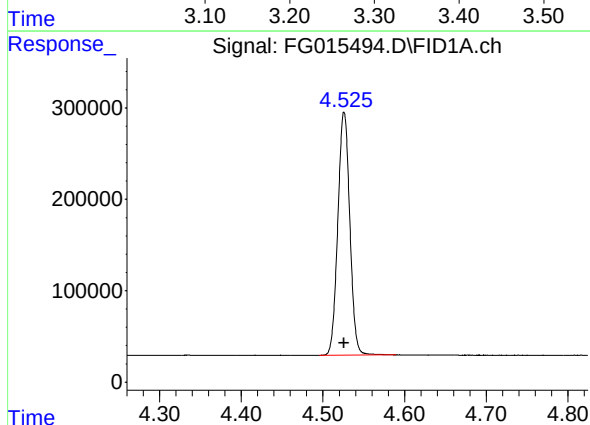




#1 n-Nonane (C9)

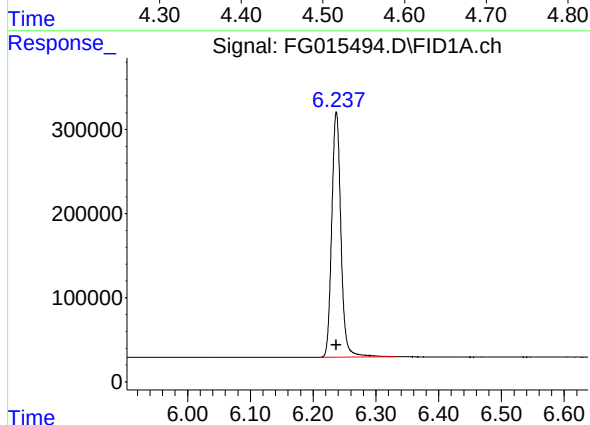
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 2646102
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



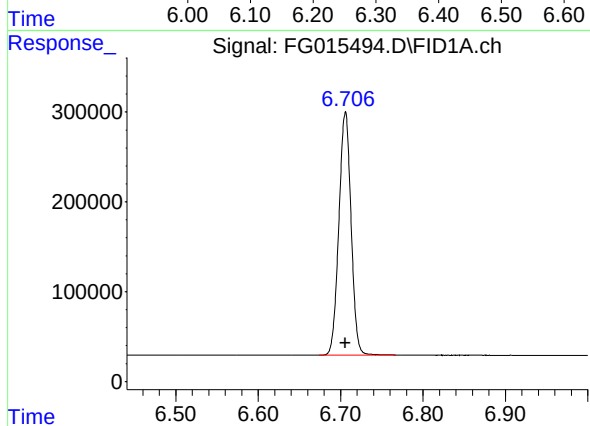
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 2708467
Conc: 20.00 ug/ml



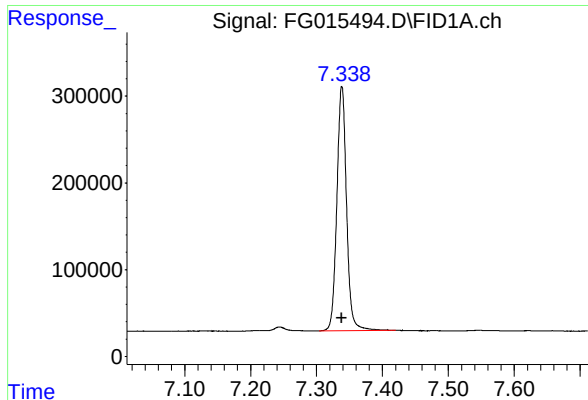
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 2965617
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

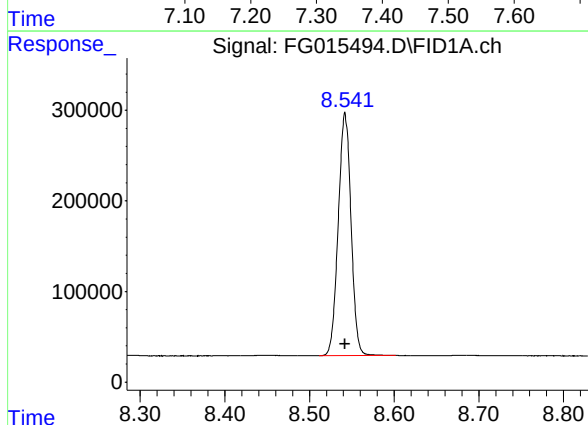
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2778119
Conc: 20.00 ug/ml



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

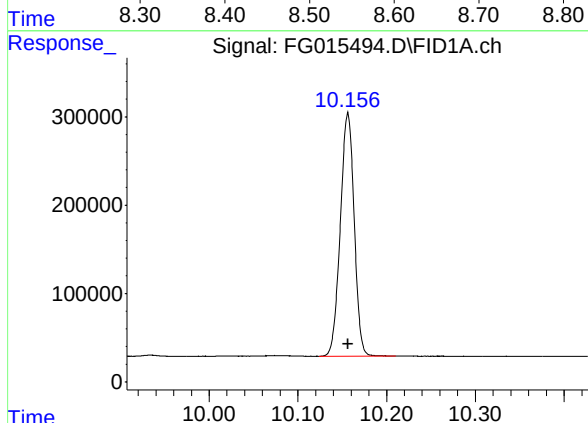
R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 2881774
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



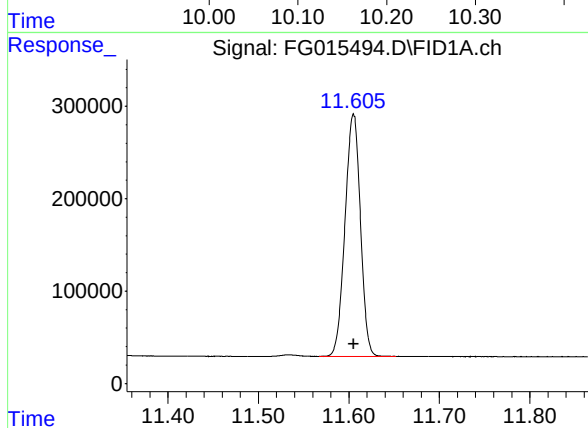
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 2817823
Conc: 20.00 ug/ml



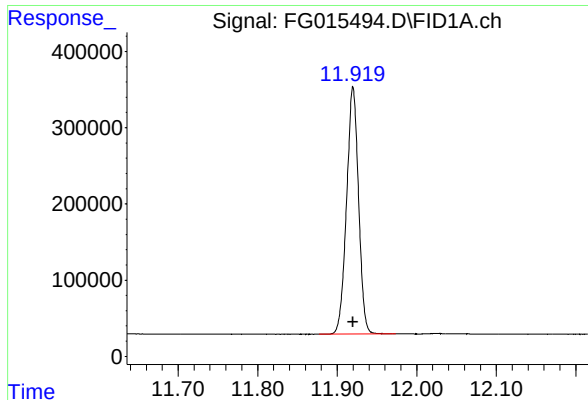
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 2988160
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

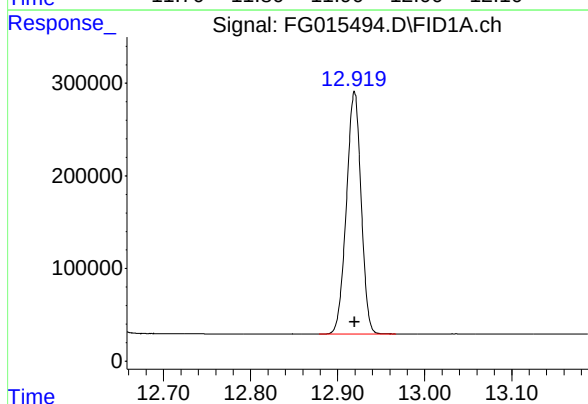
R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 3100397
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

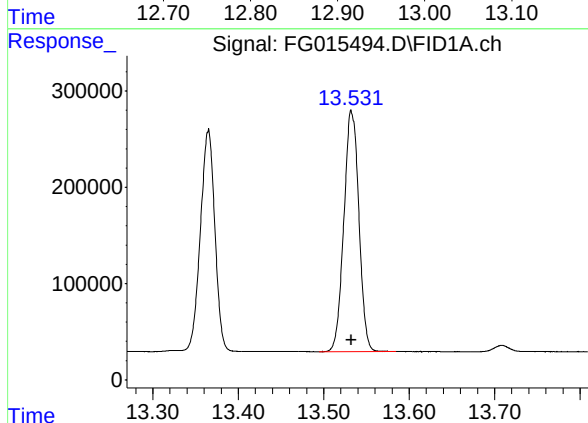
R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 3391576
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



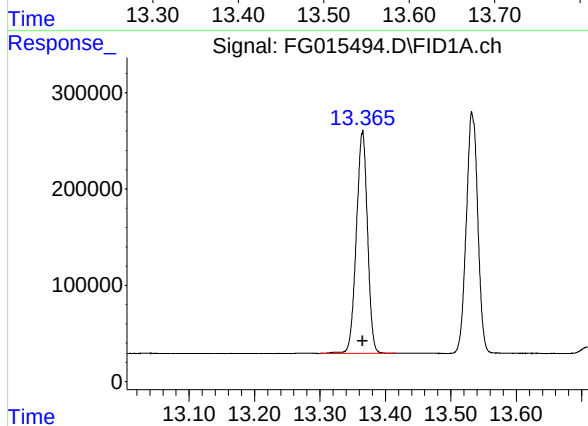
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 3075411
Conc: 20.00 ug/ml



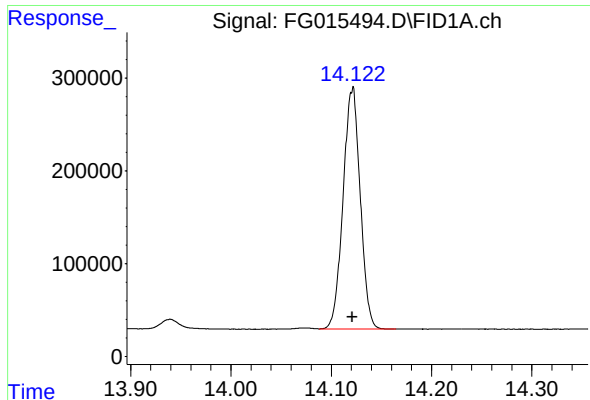
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 3058970
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

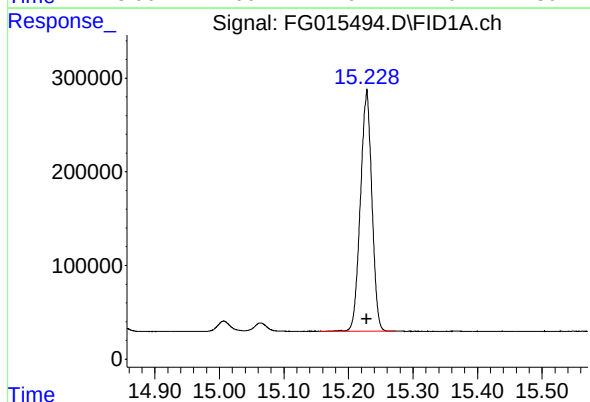
R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 2730345
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

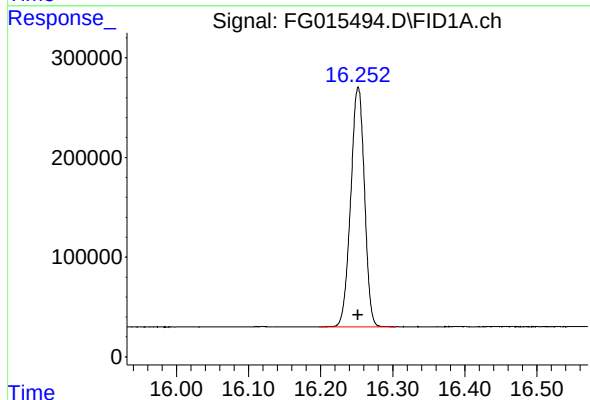
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 3091737
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



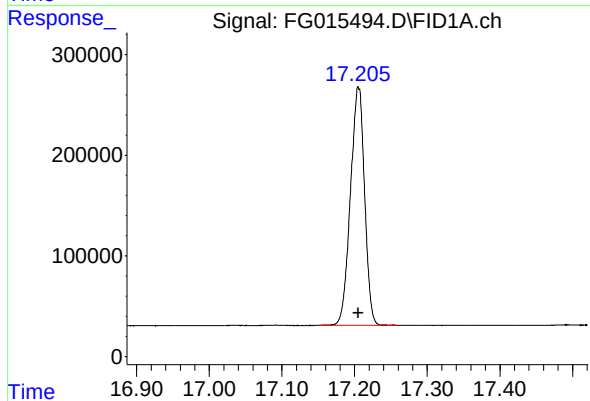
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: 0.000 min
Response: 3180621
Conc: 20.00 ug/ml



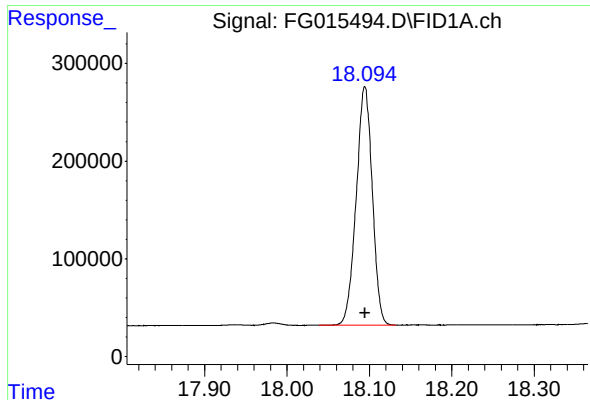
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: 0.000 min
Response: 3191107
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

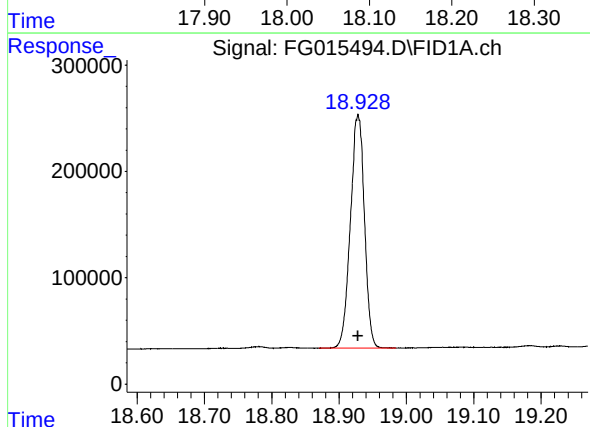
R.T.: 17.205 min
Delta R.T.: 0.000 min
Response: 3199748
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

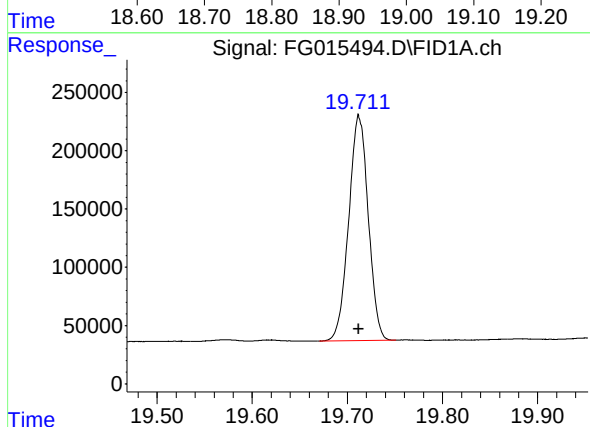
R.T.: 18.094 min
Delta R.T.: 0.000 min
Response: 3316140
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



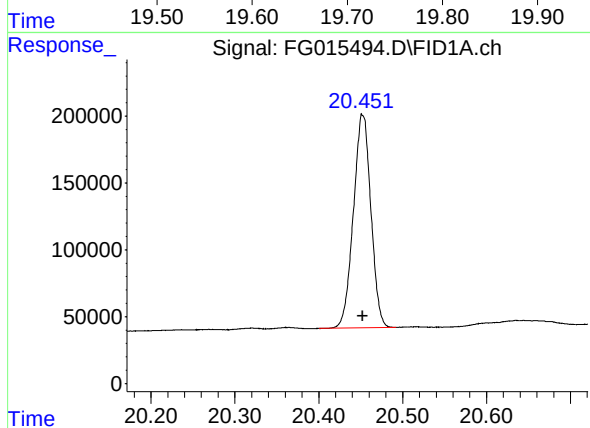
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.000 min
Response: 3173619
Conc: 20.00 ug/ml



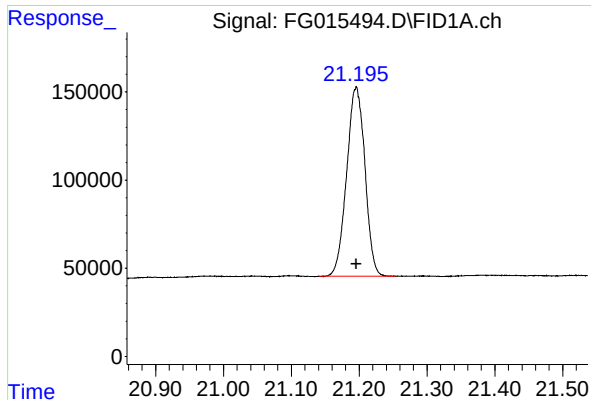
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: 0.000 min
Response: 2772288
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

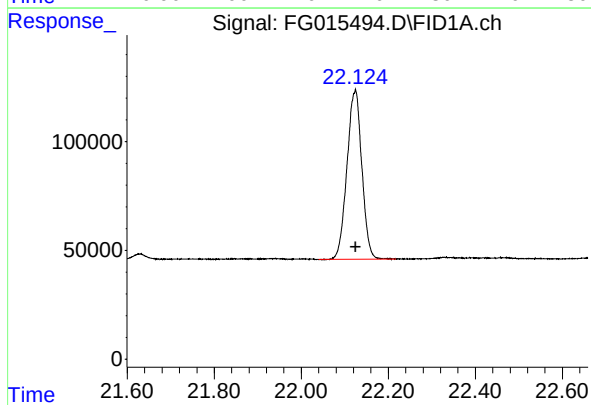
R.T.: 20.452 min
Delta R.T.: 0.000 min
Response: 2312343
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.000 min
Response: 2012770
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.000 min
Response: 1845930
Conc: 20.00 ug/ml