

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123024AL\
 Data File : FG015032.D
 Signal(s) : FID1A.ch
 Acq On : 30 Dec 2024 13:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 31 01:18:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:57 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)	11.948	3331495	21.118 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
12) S 1-chlorooctadecane (S...	13.393	2628907	20.804 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	3.288	2739190	21.426 ug/ml
2) T n-Decane (C10)	4.548	2799564	21.481 ug/ml
3) T A~Naphthalene (C11.7)	6.259	3080385	21.459 ug/ml
4) T n-Dodecane (C12)	6.728	2856346	21.618 ug/ml
5) T A~2-methylnaphthalene...	7.361	3013875	21.502 ug/ml
6) T n-Tetradecane (C14)	8.565	2887037	21.642 ug/ml
7) T n-Hexadecane (C16)	10.181	3045902	21.578 ug/ml
8) T n-Octadecane (C18)	11.632	3131945	21.378 ug/ml
10) T n-Eicosane (C20)	12.947	3053344	21.042 ug/ml
11) T n-Heneicosane (C21)	13.561	3020589	20.844 ug/ml
13) T n-Docosane (C22)	14.150	3012796	20.614 ug/ml
14) T n-Tetracosane (C24)	15.257	2998924	20.083 ug/ml
15) T n-Hexacosane (C26)	16.284	2930982	19.531 ug/ml
16) T n-Octacosane (C28)	17.237	2830079	18.905 ug/ml
17) T n-Tricontane (C30)	18.128	2817850	18.358 ug/ml
18) T n-Dotriacontane (C32)	18.963	2650426	17.964 ug/ml
19) T n-Tetratriacontane (C34)	19.748	2287627	17.925 ug/ml
20) T n-Hexatriacontane (C36)	20.491	1950170	18.078 ug/ml
21) T n-Octatriacontane (C38)	21.240	1819864	18.156 ug/ml
22) T n-Tetracontane (C40)	22.182	1751663	18.648 ug/ml

(f)=RT Delta > 1/2 Window

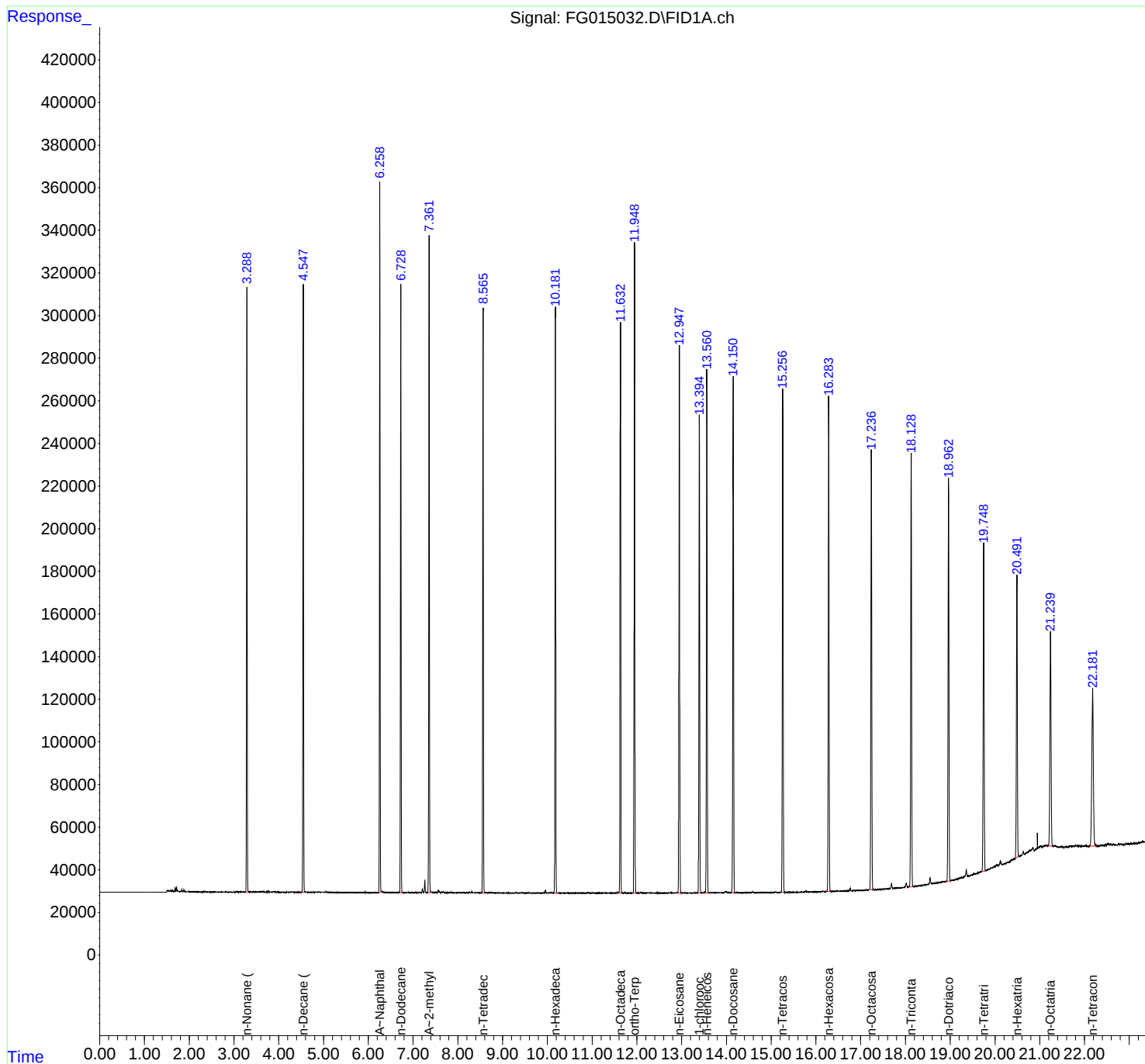
(m)=manual int.

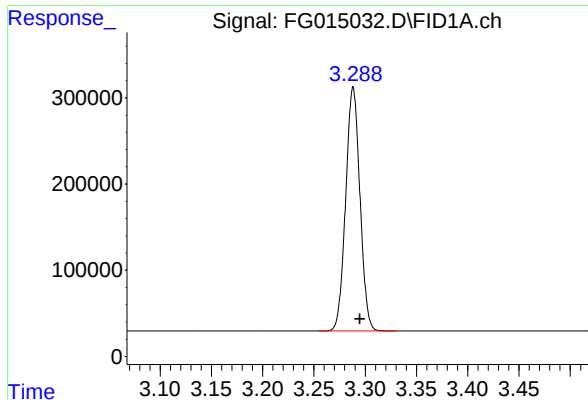
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123024AL\
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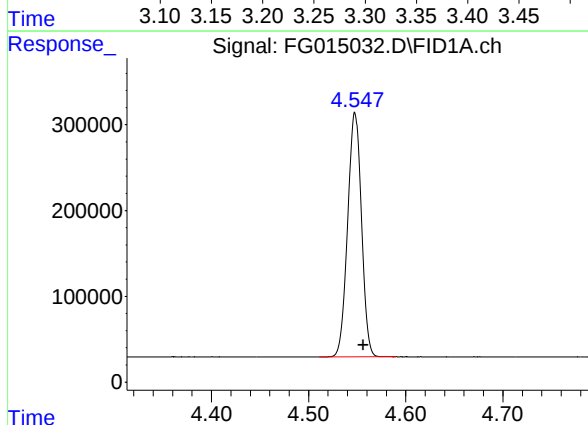




#1 n-Nonane (C9)

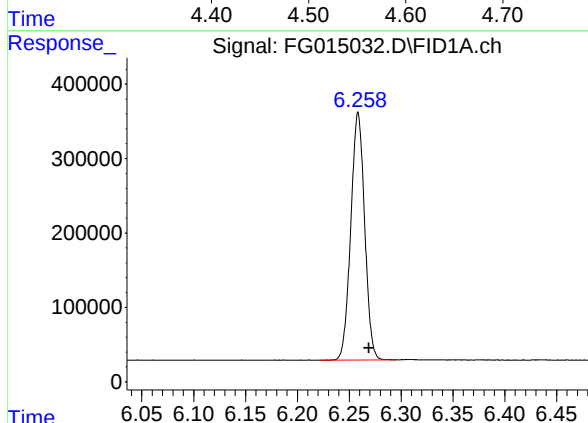
R.T.: 3.288 min
Delta R.T.: -0.007 min
Response: 2739190
Conc: 21.43 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



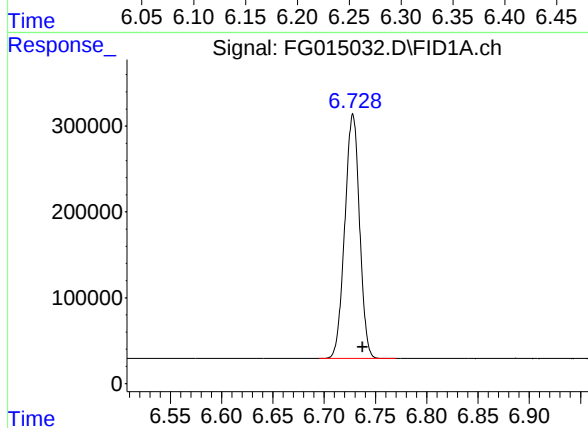
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.008 min
Response: 2799564
Conc: 21.48 ug/ml



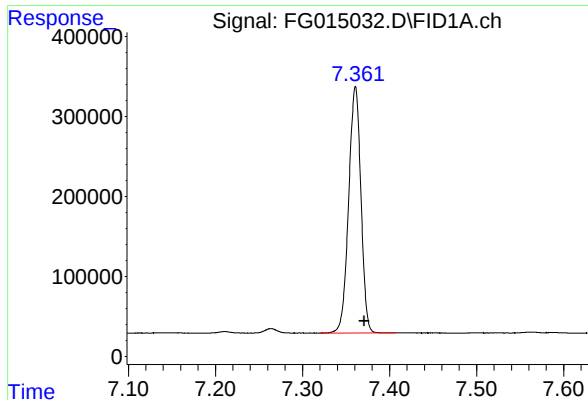
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.010 min
Response: 3080385
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

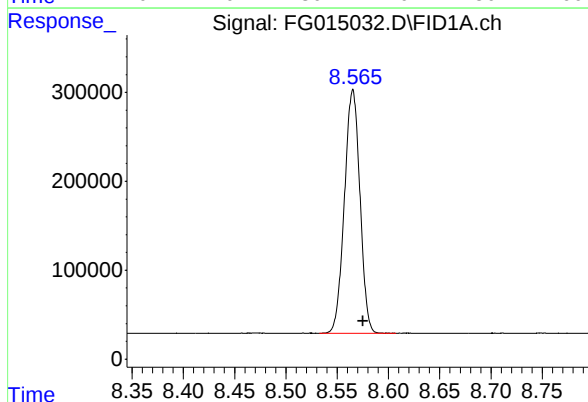
R.T.: 6.728 min
Delta R.T.: -0.009 min
Response: 2856346
Conc: 21.62 ug/ml



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

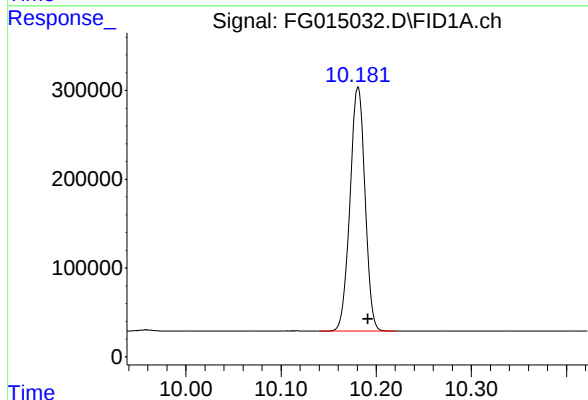
R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 3013875
Conc: 21.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



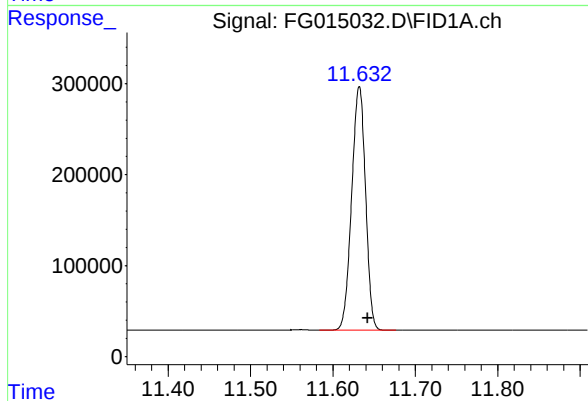
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.010 min
Response: 2887037
Conc: 21.64 ug/ml



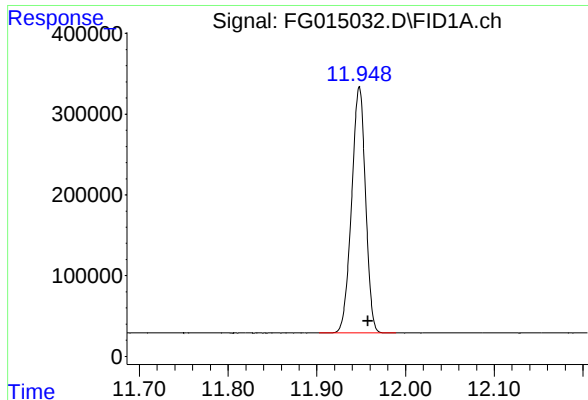
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.010 min
Response: 3045902
Conc: 21.58 ug/ml



#8 n-Octadecane (C18)

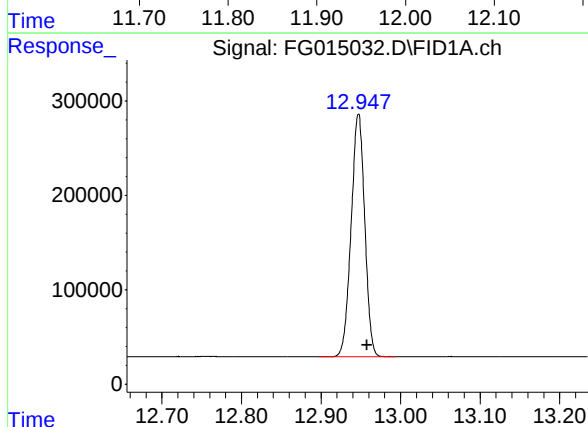
R.T.: 11.632 min
Delta R.T.: -0.010 min
Response: 3131945
Conc: 21.38 ug/ml



#9 ortho-Terphenyl (SURR)

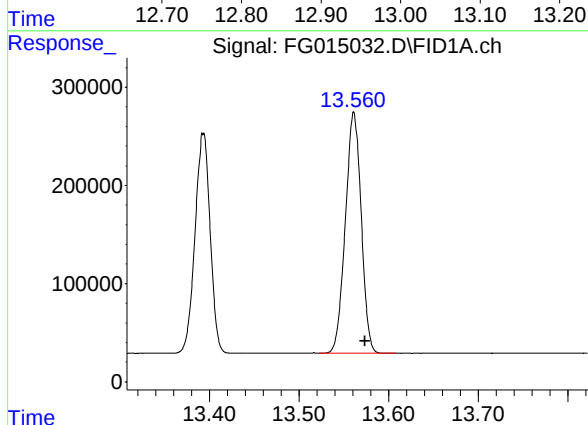
R.T.: 11.948 min
Delta R.T.: -0.010 min
Response: 3331495
Conc: 21.12 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



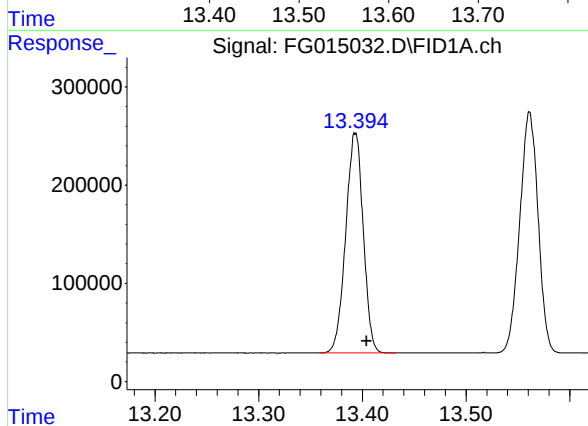
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.011 min
Response: 3053344
Conc: 21.04 ug/ml



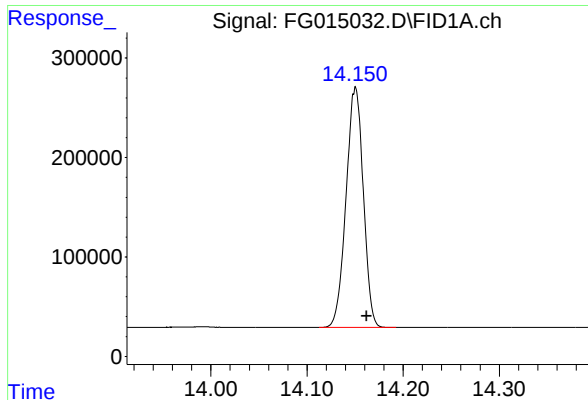
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.012 min
Response: 3020589
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

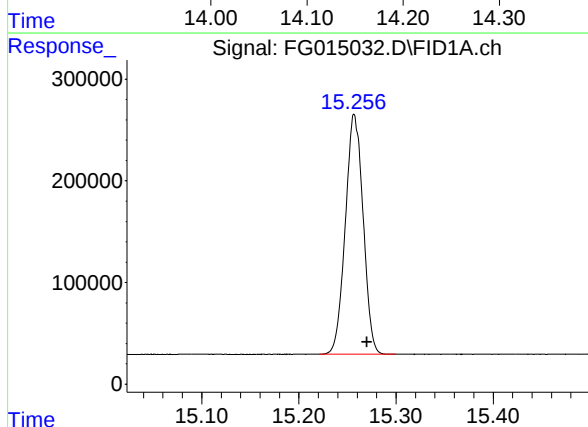
R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 2628907
Conc: 20.80 ug/ml



#13 n-Docosane (C22)

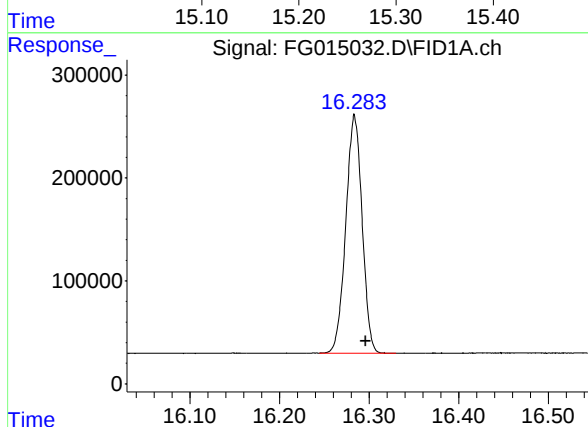
R.T.: 14.150 min
Delta R.T.: -0.012 min
Response: 3012796
Conc: 20.61 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



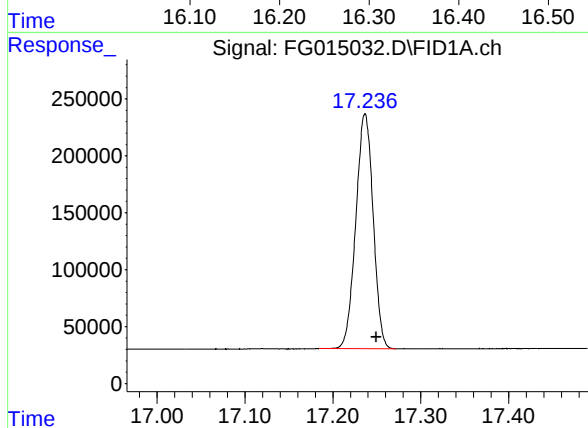
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.013 min
Response: 2998924
Conc: 20.08 ug/ml



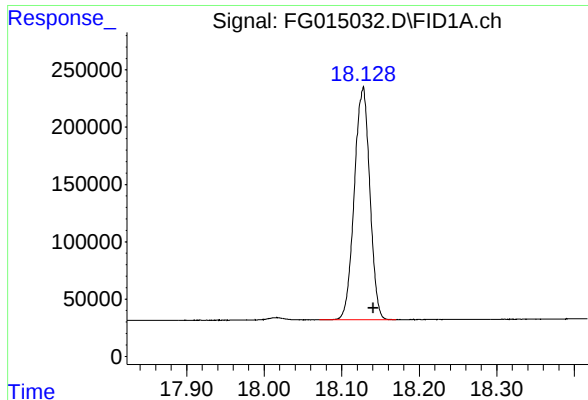
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.013 min
Response: 2930982
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

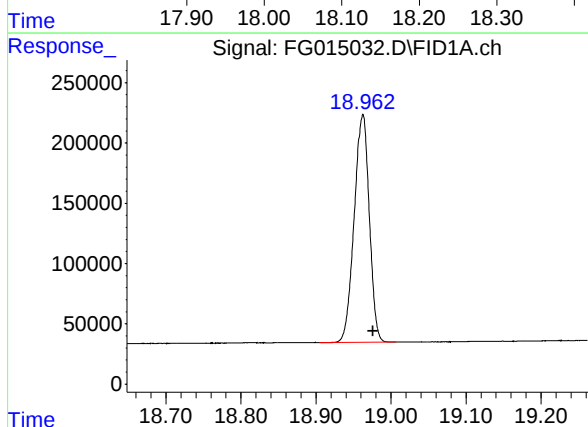
R.T.: 17.237 min
Delta R.T.: -0.013 min
Response: 2830079
Conc: 18.90 ug/ml



#17 n-Tricontane (C30)

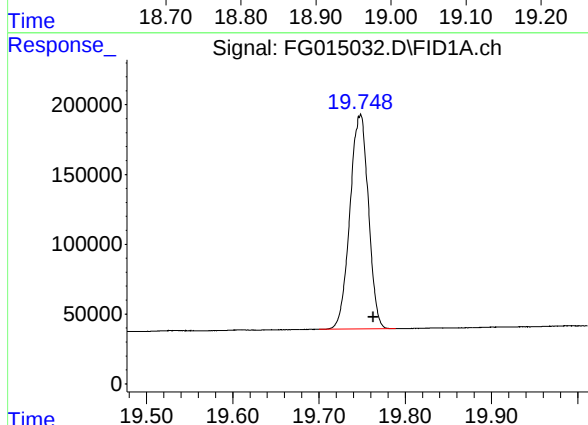
R.T.: 18.128 min
Delta R.T.: -0.013 min
Response: 2817850
Conc: 18.36 ug/ml

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20 PPM ALIPHATIC HC STD



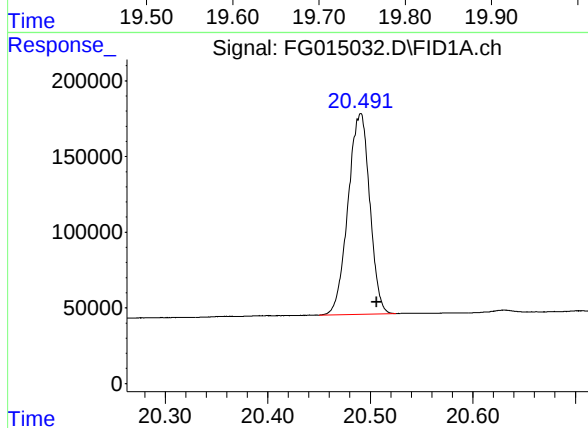
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: -0.013 min
Response: 2650426
Conc: 17.96 ug/ml



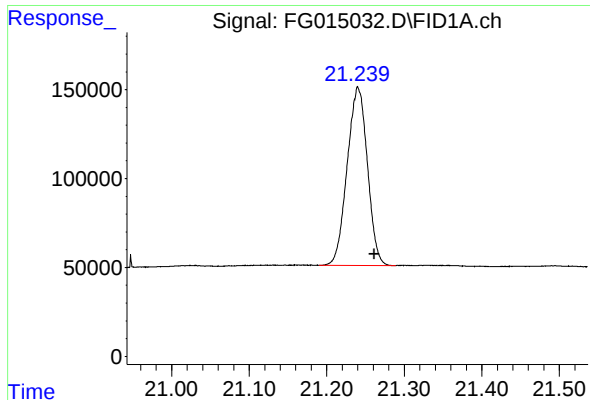
#19 n-Tetatriacontane (C34)

R.T.: 19.748 min
Delta R.T.: -0.015 min
Response: 2287627
Conc: 17.93 ug/ml



#20 n-Hexatriacontane (C36)

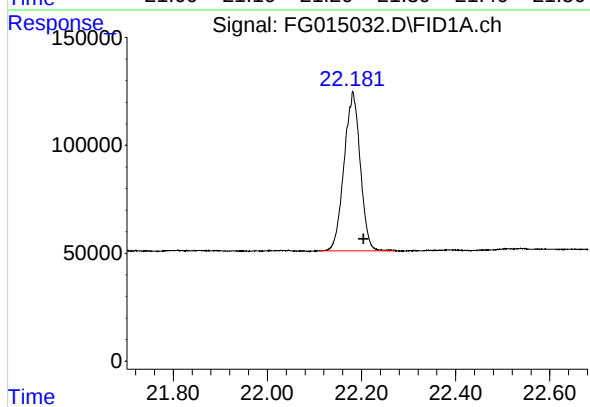
R.T.: 20.491 min
Delta R.T.: -0.016 min
Response: 1950170
Conc: 18.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.021 min
Response: 1819864
Conc: 18.16 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: -0.023 min
Response: 1751663
Conc: 18.65 ug/ml