

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091125AL\
 Data File : FG016594.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2025 12:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 12 02:43:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.063	2703399	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.508	1995382	19.823 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T n-Nonane (C9)	3.383	2321939	20.525 ug/ml
2) T n-Decane (C10)	4.645	2366421	20.558 ug/ml
3) T A~Naphthalene (C11.7)	6.365	2505676	20.178 ug/ml
4) T n-Dodecane (C12)	6.826	2372217	20.449 ug/ml
5) T A~2-methylnaphthalene...	7.468	2376966	19.927 ug/ml
6) T n-Tetradecane (C14)	8.667	2356663	20.425 ug/ml
7) T n-Hexadecane (C16)	10.286	2425631	20.321 ug/ml
8) T n-Octadecane (C18)	11.740	2462393	20.380 ug/ml
10) T n-Eicosane (C20)	13.060	2375003	20.359 ug/ml
11) T n-Heneicosane (C21)	13.676	2332484	20.293 ug/ml
13) T n-Docosane (C22)	14.267	2333668	20.424 ug/ml
14) T n-Tetracosane (C24)	15.378	2363916	20.782 ug/ml
15) T n-Hexacosane (C26)	16.407	2308393	20.789 ug/ml
16) T n-Octacosane (C28)	17.363	2254944	20.859 ug/ml
17) T n-Tricontane (C30)	18.257	2294284	21.006 ug/ml
18) T n-Dotriacontane (C32)	19.096	2236027	21.268 ug/ml
19) T n-Tetratriacontane (C34)	19.885	2015532	20.988 ug/ml
20) T n-Hexatriacontane (C36)	20.627	1728529	20.670 ug/ml
21) T n-Octatriacontane (C38)	21.411	1527675	19.841 ug/ml
22) T n-Tetracontane (C40)	22.406	1358784	18.289 ug/ml

(f)=RT Delta > 1/2 Window

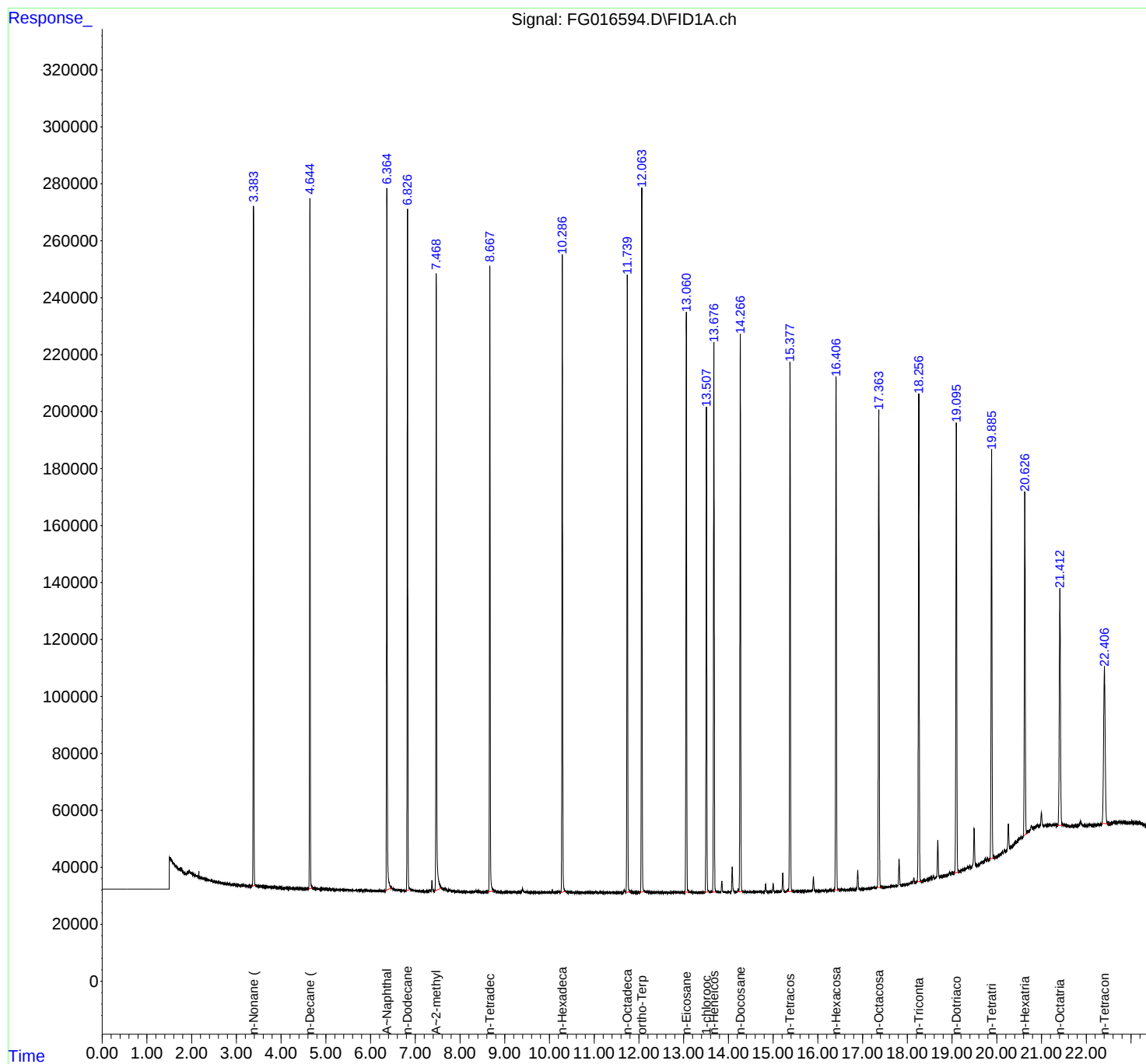
(m)=manual int.

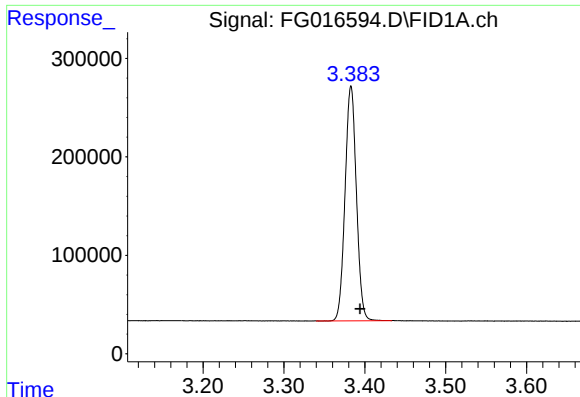
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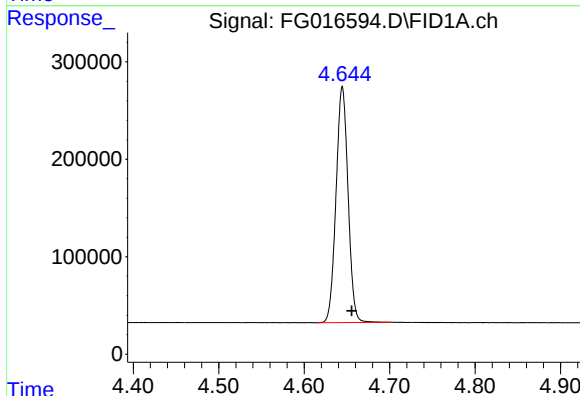




#1 n-Nonane (C9)

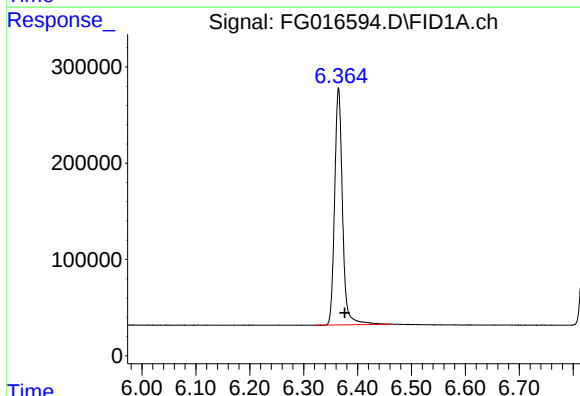
R.T.: 3.383 min
Delta R.T.: -0.011 min
Response: 2321939
Conc: 20.52 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



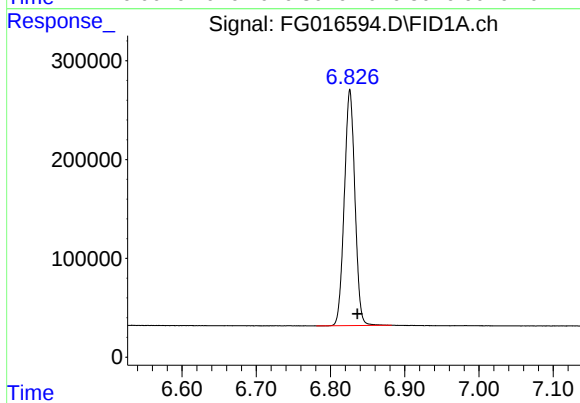
#2 n-Decane (C10)

R.T.: 4.645 min
Delta R.T.: -0.011 min
Response: 2366421
Conc: 20.56 ug/ml



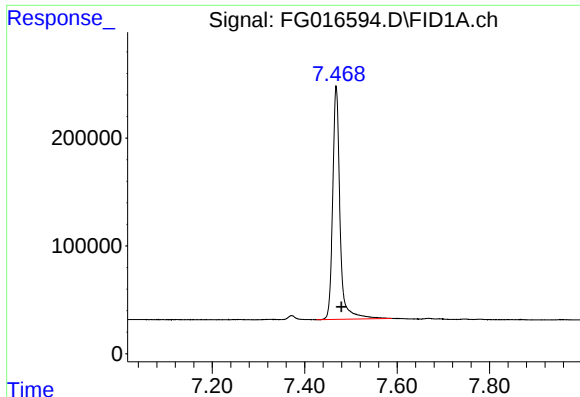
#3 A~Naphthalene (C11.7)

R.T.: 6.365 min
Delta R.T.: -0.012 min
Response: 2505676
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

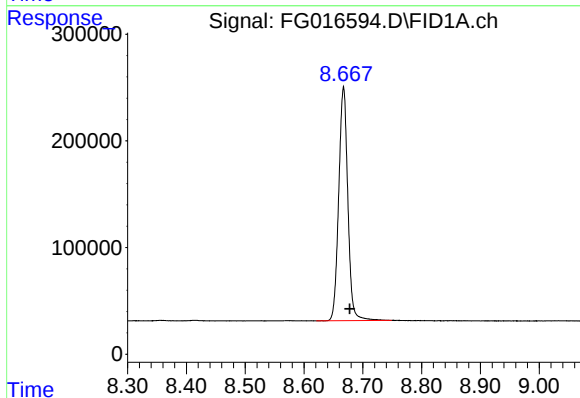
R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 2372217
Conc: 20.45 ug/ml



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

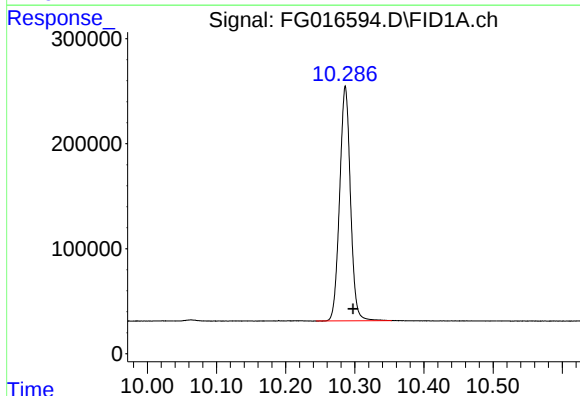
R.T.: 7.468 min
Delta R.T.: -0.011 min
Response: 2376966
Conc: 19.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



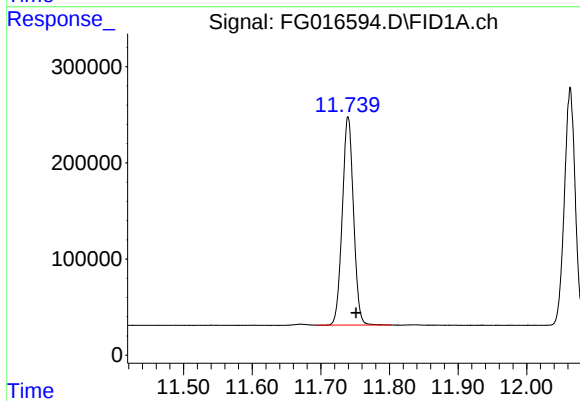
#6 n-Tetradecane (C14)

R.T.: 8.667 min
Delta R.T.: -0.011 min
Response: 2356663
Conc: 20.42 ug/ml



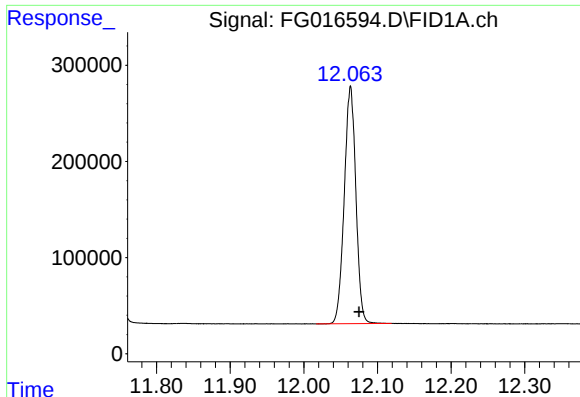
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.011 min
Response: 2425631
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

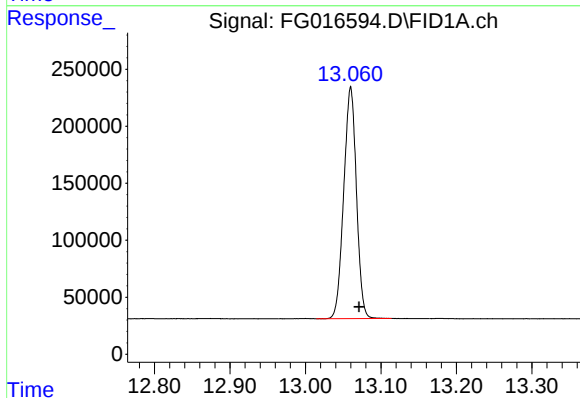
R.T.: 11.740 min
Delta R.T.: -0.012 min
Response: 2462393
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

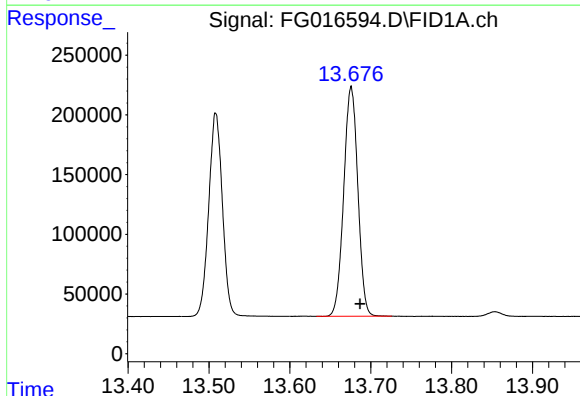
R.T.: 12.063 min
Delta R.T.: -0.012 min
Response: 2703399
Conc: 20.42 ug/ml

Instrument :
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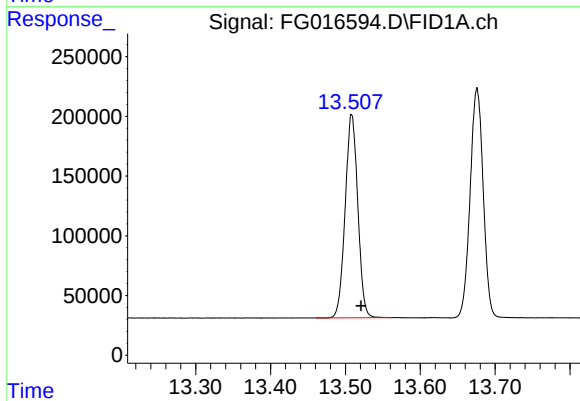
#10 n-Eicosane (C20)

R.T.: 13.060 min
Delta R.T.: -0.011 min
Response: 2375003
Conc: 20.36 ug/ml



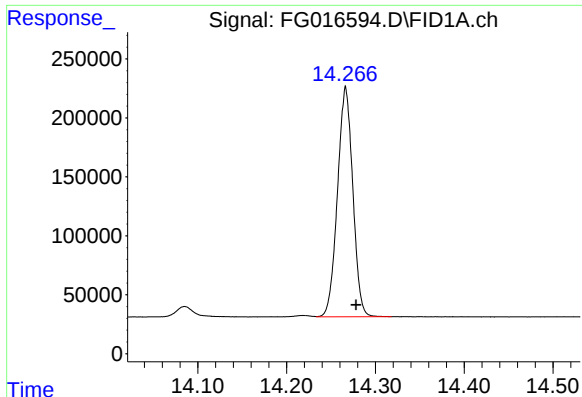
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.011 min
Response: 2332484
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

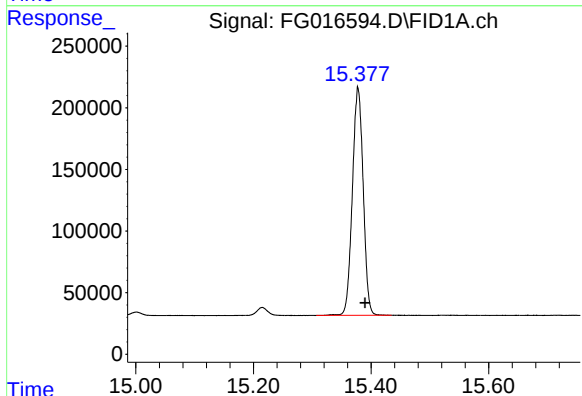
R.T.: 13.508 min
Delta R.T.: -0.012 min
Response: 1995382
Conc: 19.82 ug/ml



#13 n-Docosane (C22)

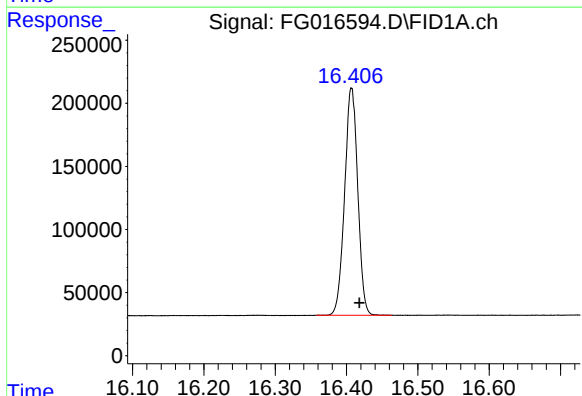
R.T.: 14.267 min
Delta R.T.: -0.012 min
Response: 2333668
Conc: 20.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



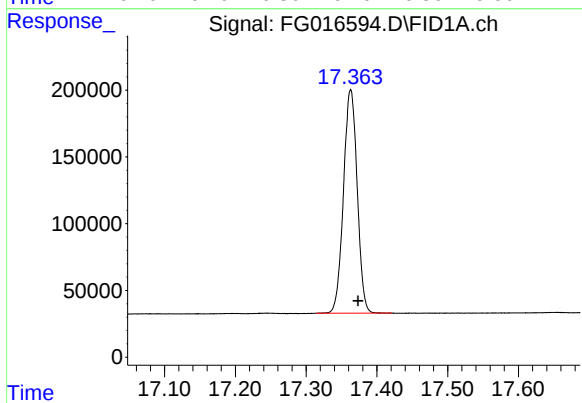
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.012 min
Response: 2363916
Conc: 20.78 ug/ml



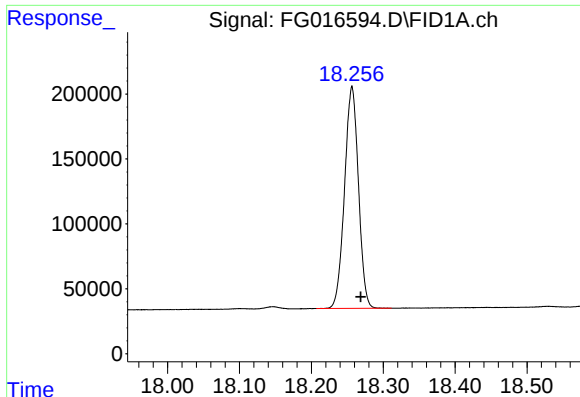
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: -0.011 min
Response: 2308393
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

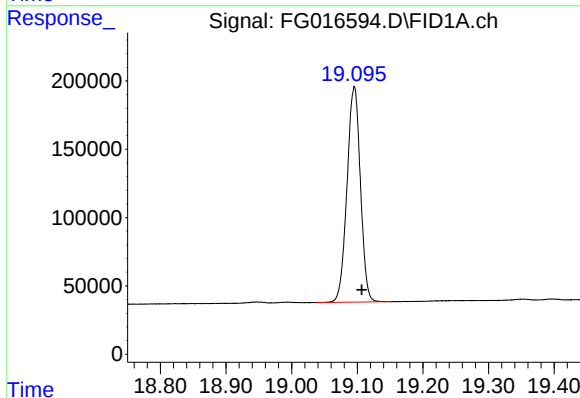
R.T.: 17.363 min
Delta R.T.: -0.011 min
Response: 2254944
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

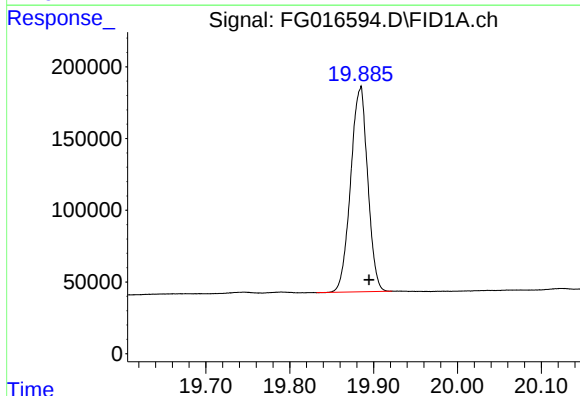
R.T.: 18.257 min
Delta R.T.: -0.012 min
Response: 2294284
Conc: 21.01 ug/ml

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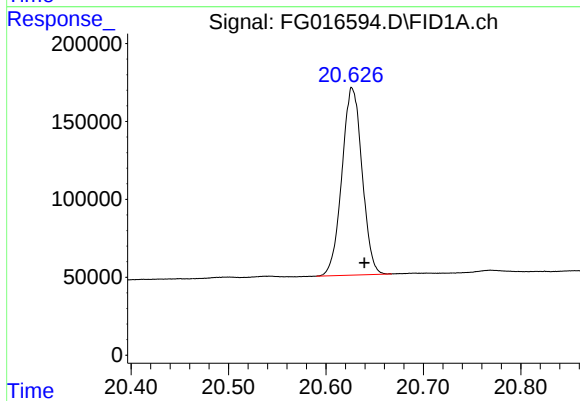
#18 n-Dotriacontane (C32)

R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 2236027
Conc: 21.27 ug/ml



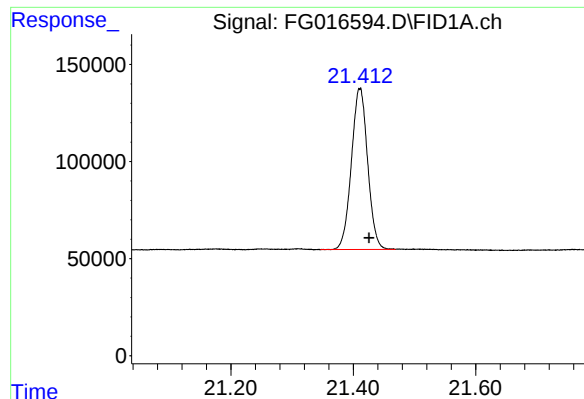
#19 n-Tetratriacontane (C34)

R.T.: 19.885 min
Delta R.T.: -0.010 min
Response: 2015532
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

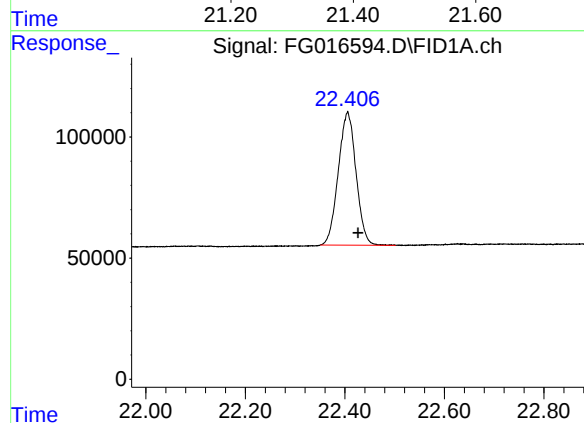
R.T.: 20.627 min
Delta R.T.: -0.012 min
Response: 1728529
Conc: 20.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.411 min
Delta R.T.: -0.015 min
Response: 1527675
Conc: 19.84 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.406 min
Delta R.T.: -0.021 min
Response: 1358784
Conc: 18.29 ug/ml