

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009278.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2021 15:20
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 16 00:10:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:39:19 2021
 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)	10.747	3052735	20.155 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	12.192	2441493	20.551 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
Target Compounds			
1) T n-Nonane (C9)	2.605	2579996	20.230 ug/ml
2) T n-Decane (C10)	3.607	2589948	20.425 ug/ml
3) T A~Naphthalene (C11.7)	5.168	2811129	21.762 ug/ml
4) T n-Dodecane (C12)	5.597	2601145	20.250 ug/ml
5) T A~2-methylnaphthalene...	6.219	2834573	22.647 ug/ml
6) T n-Tetradecane (C14)	7.392	2614565	20.307 ug/ml
7) T n-Hexadecane (C16)	8.994	2673423	20.322 ug/ml
8) T n-Octadecane (C18)	10.437	2805786	20.313 ug/ml
10) T n-Eicosane (C20)	11.749	2841518	20.418 ug/ml
11) T n-Heneicosane (C21)	12.361	2899353	20.081 ug/ml
13) T n-Docosane (C22)	12.948	2897085	20.106 ug/ml
14) T n-Tetracosane (C24)	14.053	2925676	19.833 ug/ml
15) T n-Hexacosane (C26)	15.075	2884680	19.544 ug/ml
16) T n-Octacosane (C28)	16.026	2859874	19.353 ug/ml
17) T n-Tricontane (C30)	16.913	2799116	19.407 ug/ml
18) T n-Dotriacontane (C32)	17.747	2667956	19.647 ug/ml
19) T n-Tetratriacontane (C34)	18.529	2577435	20.078 ug/mlm
20) T n-Hexatriacontane (C36)	19.268	2437294	20.059 ug/mlm
21) T n-Octatriacontane (C38)	19.984	2334292	19.949 ug/mlm
22) T n-Tetracontane (C40)	20.843	2355022	21.030 ug/mlm

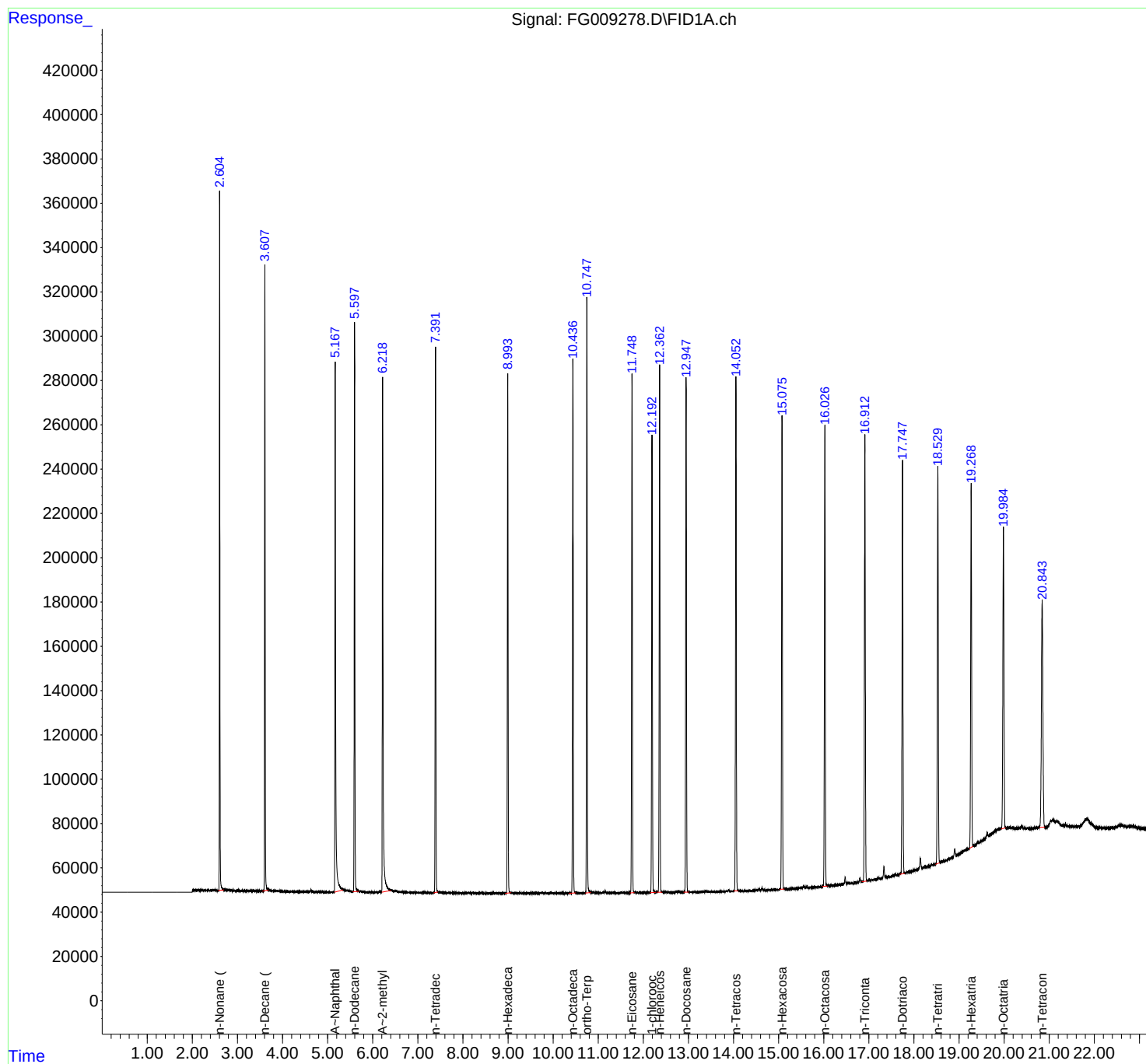
(f)=RT Delta > 1/2 Window

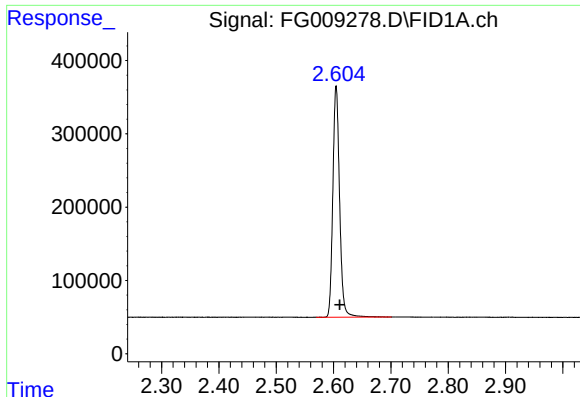
(m)=manual int.

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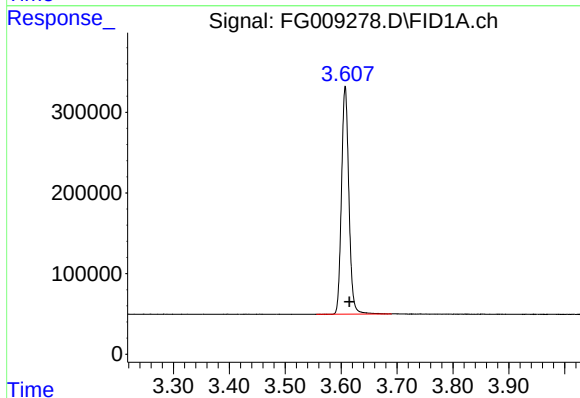
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





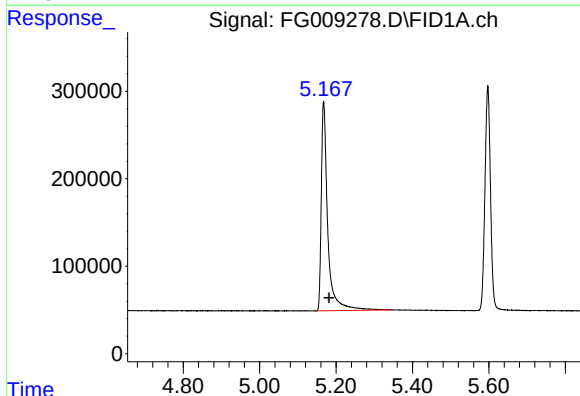
#1 n-Nonane (C9)

R.T.: 2.605 min
Delta R.T.: -0.006 min
Response: 2579996
Conc: 20.23 ug/ml



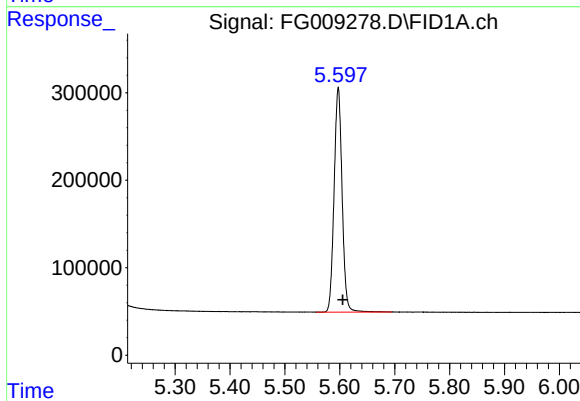
#2 n-Decane (C10)

R.T.: 3.607 min
Delta R.T.: -0.008 min
Response: 2589948
Conc: 20.42 ug/ml



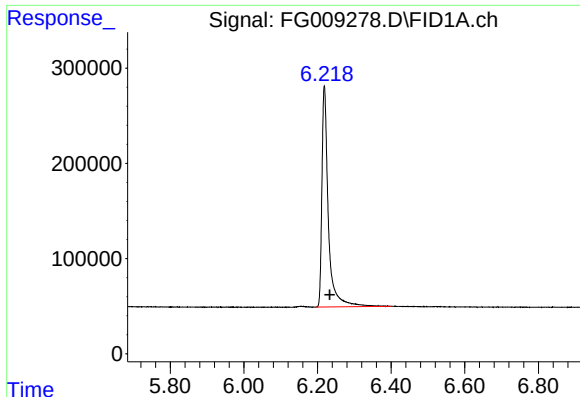
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.014 min
Response: 2811129
Conc: 21.76 ug/ml



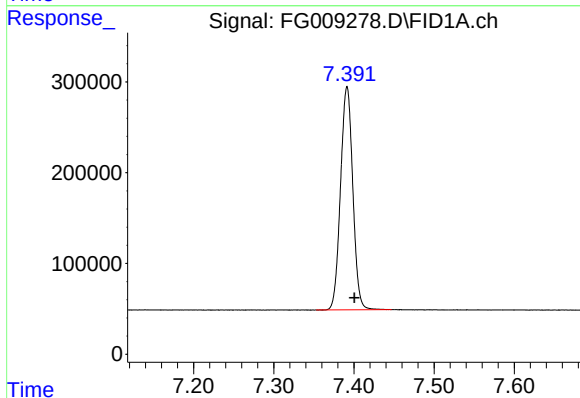
#4 n-Dodecane (C12)

R.T.: 5.597 min
Delta R.T.: -0.008 min
Response: 2601145
Conc: 20.25 ug/ml



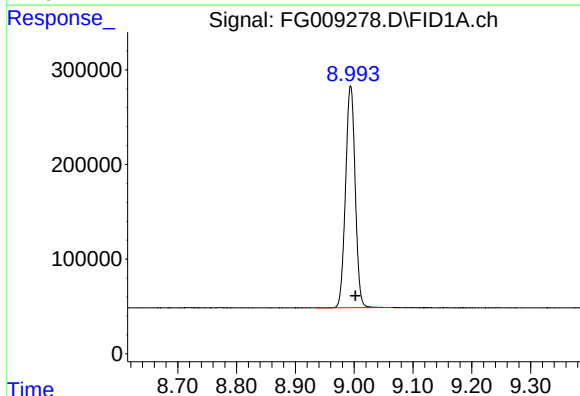
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.219 min
Delta R.T.: -0.015 min
Response: 2834573
Conc: 22.65 ug/ml



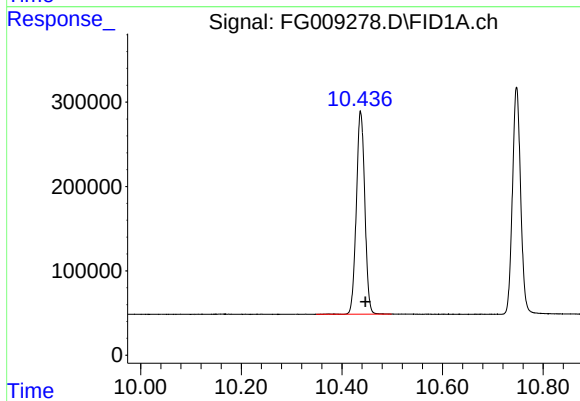
#6 n-Tetradecane (C14)

R.T.: 7.392 min
Delta R.T.: -0.009 min
Response: 2614565
Conc: 20.31 ug/ml



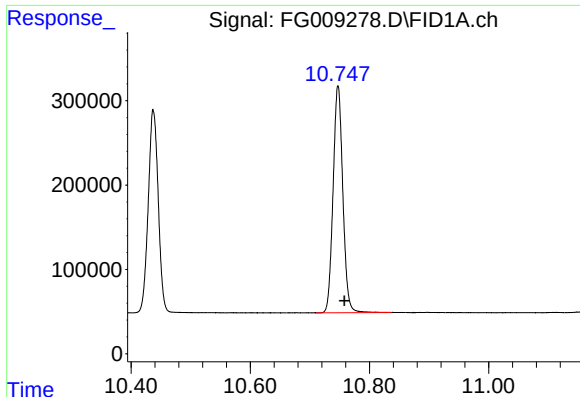
#7 n-Hexadecane (C16)

R.T.: 8.994 min
Delta R.T.: -0.008 min
Response: 2673423
Conc: 20.32 ug/ml



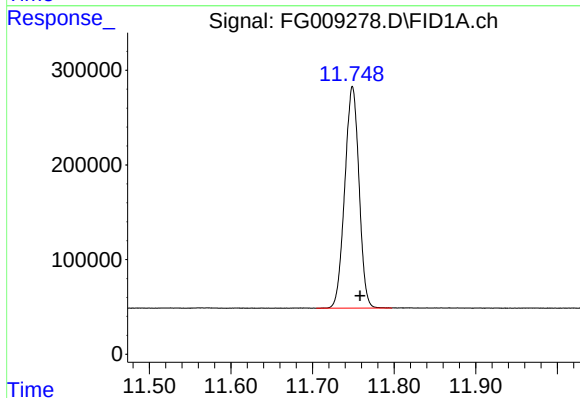
#8 n-Octadecane (C18)

R.T.: 10.437 min
Delta R.T.: -0.009 min
Response: 2805786
Conc: 20.31 ug/ml



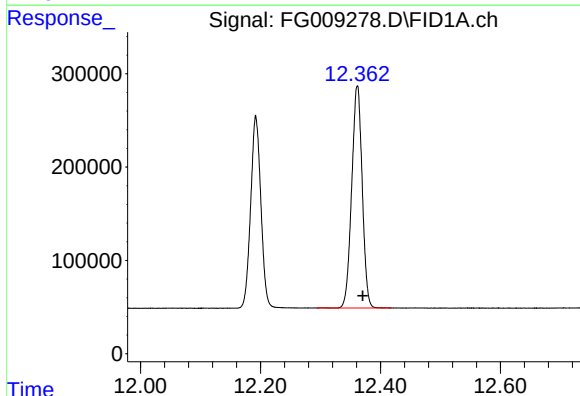
#9 ortho-Terphenyl (SURR)

R.T.: 10.747 min
Delta R.T.: -0.011 min
Response: 3052735
Conc: 20.16 ug/ml



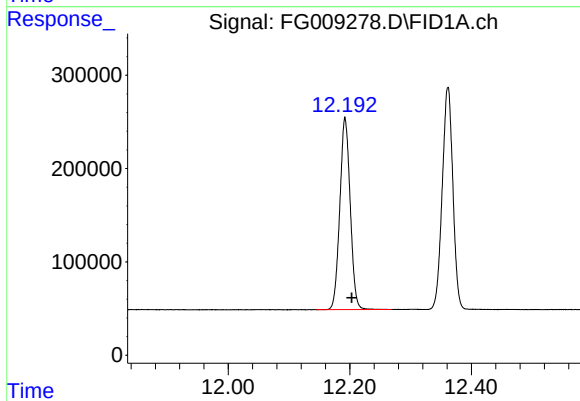
#10 n-Eicosane (C20)

R.T.: 11.749 min
Delta R.T.: -0.009 min
Response: 2841518
Conc: 20.42 ug/ml



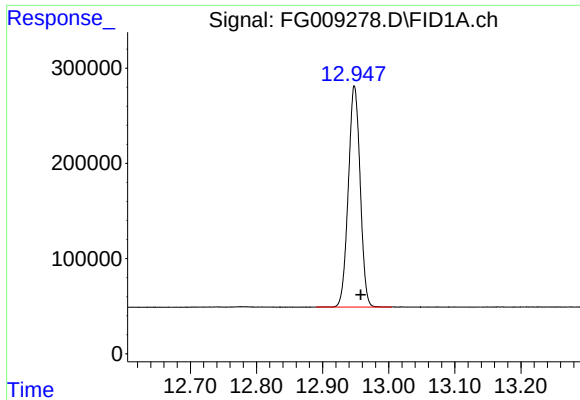
#11 n-Heneicosane (C21)

R.T.: 12.361 min
Delta R.T.: -0.009 min
Response: 2899353
Conc: 20.08 ug/ml



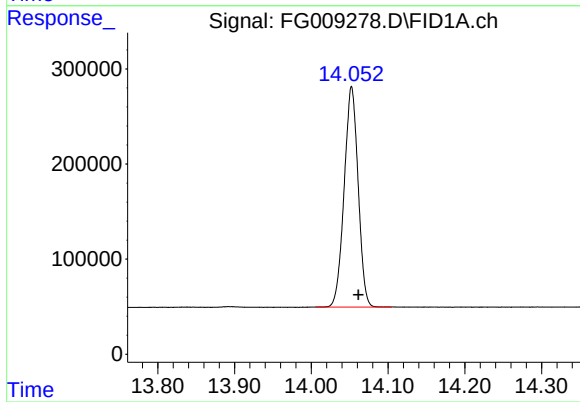
#12 1-chlorooctadecane (SURR)

R.T.: 12.192 min
Delta R.T.: -0.011 min
Response: 2441493
Conc: 20.55 ug/ml



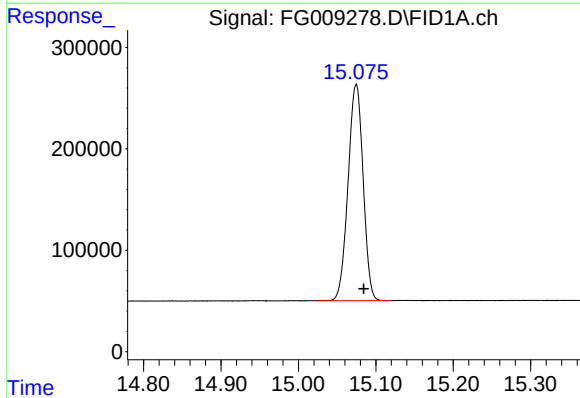
#13 n-Docosane (C22)

R.T.: 12.948 min
Delta R.T.: -0.009 min
Response: 2897085
Conc: 20.11 ug/ml



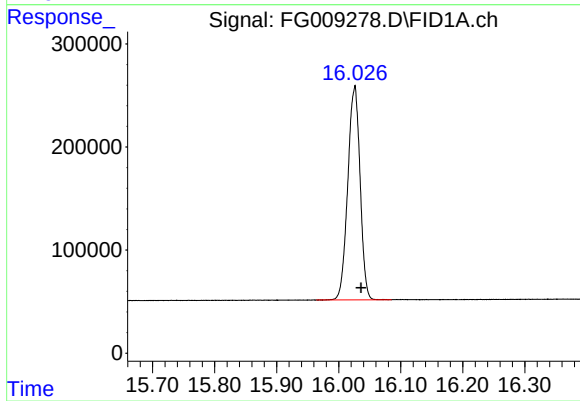
#14 n-Tetracosane (C24)

R.T.: 14.053 min
Delta R.T.: -0.009 min
Response: 2925676
Conc: 19.83 ug/ml



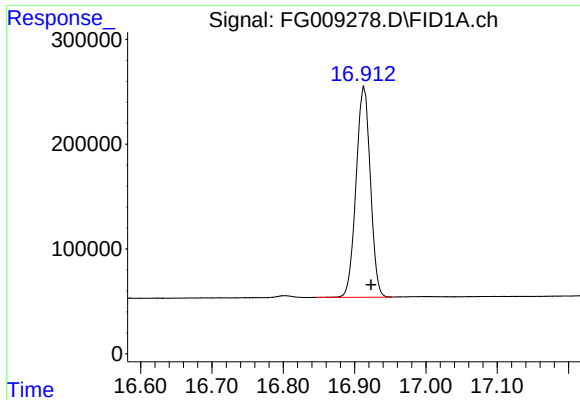
#15 n-Hexacosane (C26)

R.T.: 15.075 min
Delta R.T.: -0.010 min
Response: 2884680
Conc: 19.54 ug/ml



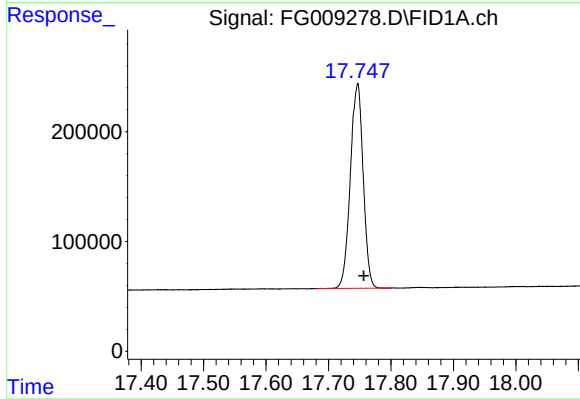
#16 n-Octacosane (C28)

R.T.: 16.026 min
Delta R.T.: -0.010 min
Response: 2859874
Conc: 19.35 ug/ml



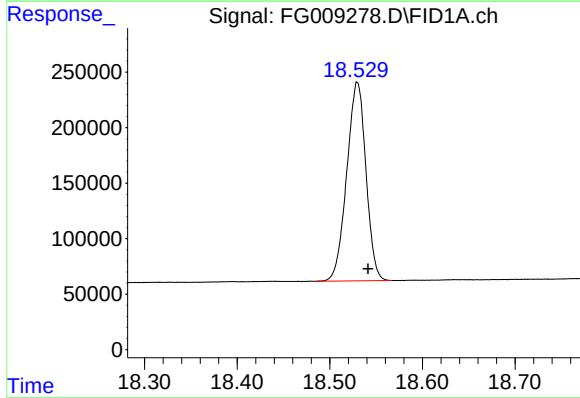
#17 n-Tricontane (C30)

R.T.: 16.913 min
Delta R.T.: -0.010 min
Response: 2799116
Conc: 19.41 ug/ml



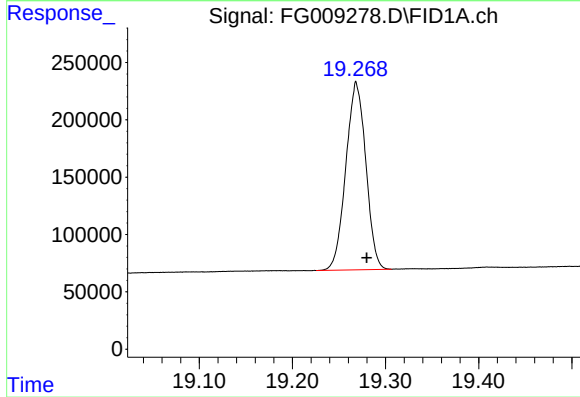
#18 n-Dotriacontane (C32)

R.T.: 17.747 min
Delta R.T.: -0.010 min
Response: 2667956
Conc: 19.65 ug/ml



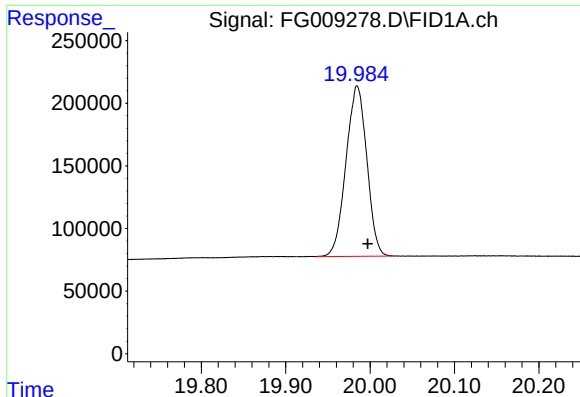
#19 n-Tetratriacontane (C34)

R.T.: 18.529 min
Delta R.T.: -0.013 min
Response: 2577435
Conc: 20.08 ug/ml m



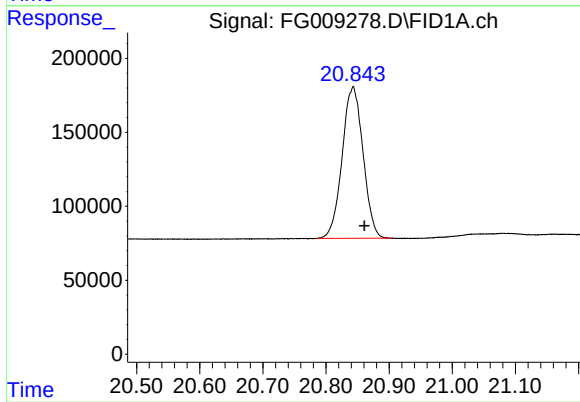
#20 n-Hexatriacontane (C36)

R.T.: 19.268 min
Delta R.T.: -0.012 min
Response: 2437294
Conc: 20.06 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.984 min
Delta R.T.: -0.013 min
Response: 2334292
Conc: 19.95 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.843 min
Delta R.T.: -0.018 min
Response: 2355022
Conc: 21.03 ug/ml m