

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009712.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 15:17
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 03 16:58:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 14:00:27 2022
 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)	10.835	2996036	19.546 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
12) S 1-chlorooctadecane (S...	12.287	2398905	19.713 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	2.665	2495186	19.659 ug/ml
2) T n-Decane (C10)	3.676	2432631	19.688 ug/ml
3) T A~Naphthalene (C11.7)	5.237	2760843	19.820 ug/ml
4) T n-Dodecane (C12)	5.675	2520348	19.734 ug/ml
5) T A~2-methylnaphthalene...	6.291	2716182	19.738 ug/ml
6) T n-Tetradecane (C14)	7.473	2512520	19.649 ug/ml
7) T n-Hexadecane (C16)	9.080	2586291	19.437 ug/ml
8) T n-Octadecane (C18)	10.527	2716193	19.639 ug/ml
10) T n-Eicosane (C20)	11.841	2730746	19.611 ug/ml
11) T n-Heneicosane (C21)	12.457	2760306	19.581 ug/ml
13) T n-Docosane (C22)	13.045	2779053	19.656 ug/ml
14) T n-Tetracosane (C24)	14.153	2811800	19.730 ug/ml
15) T n-Hexacosane (C26)	15.177	2818689	19.779 ug/ml
16) T n-Octacosane (C28)	16.133	2829135	19.903 ug/ml
17) T n-Tricontane (C30)	17.024	2792250	19.957 ug/ml
18) T n-Dotriacontane (C32)	17.858	2637526	20.024 ug/ml
19) T n-Tetratriacontane (C34)	18.645	2382698	20.309 ug/ml
20) T n-Hexatriacontane (C36)	19.387	2071950	20.716 ug/ml
21) T n-Octatriacontane (C38)	20.126	1789855	20.642 ug/ml
22) T n-Tetracontane (C40)	21.031	1628821	20.419 ug/ml

(f)=RT Delta > 1/2 Window

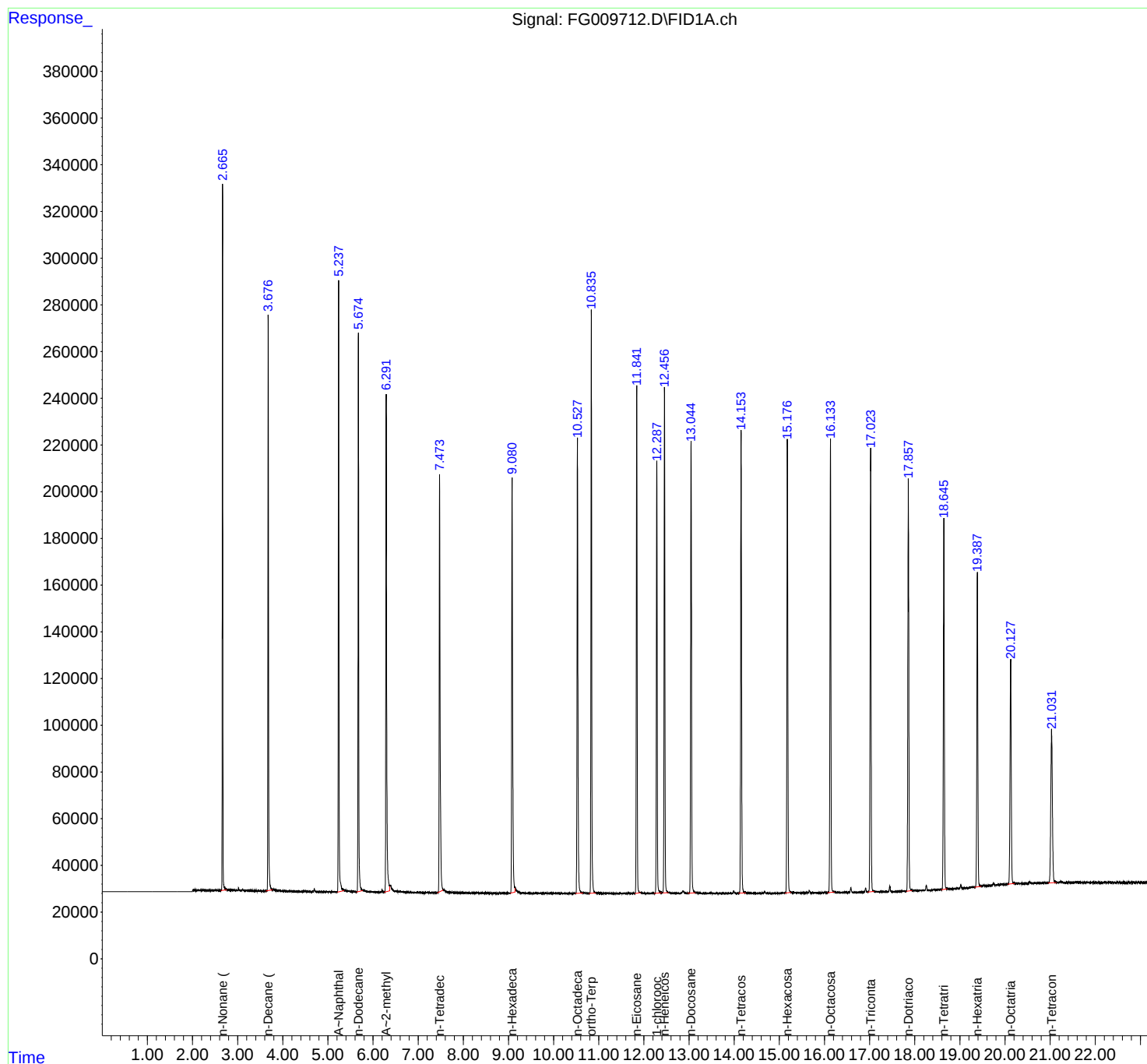
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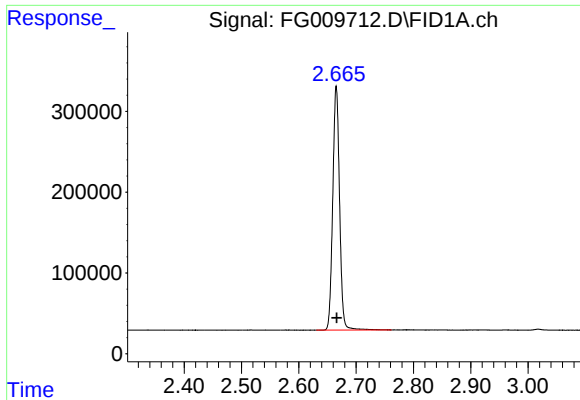
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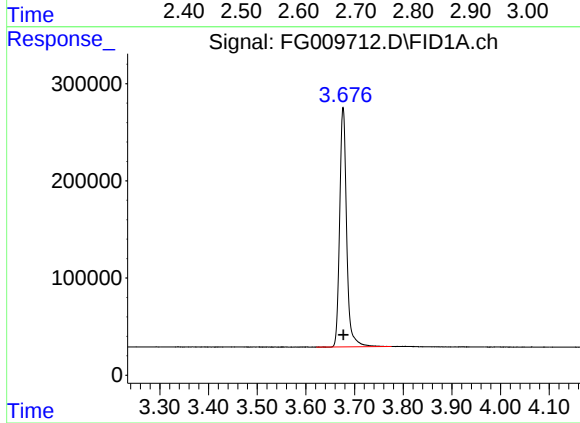




#1 n-Nonane (C9)

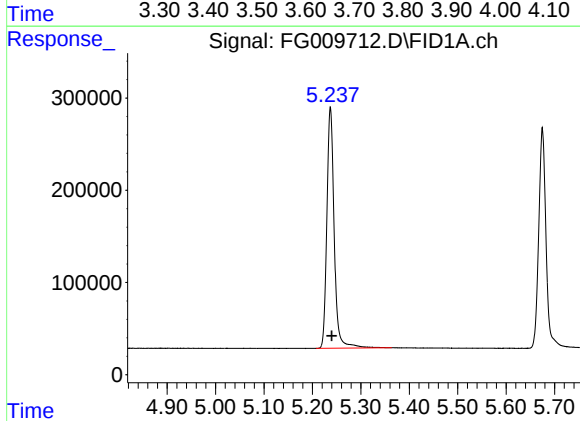
R.T.: 2.665 min
Delta R.T.: 0.000 min
Response: 2495186
Conc: 19.66 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



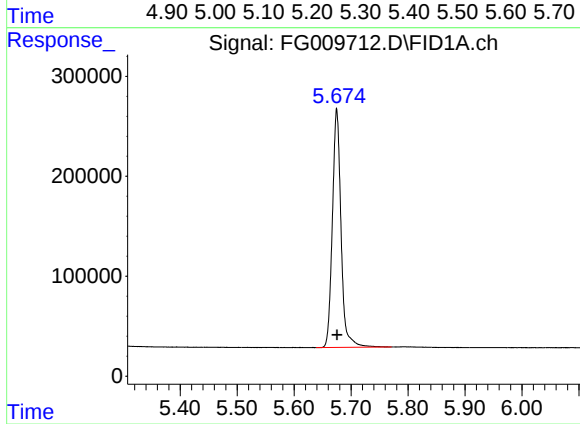
#2 n-Decane (C10)

R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 2432631
Conc: 19.69 ug/ml



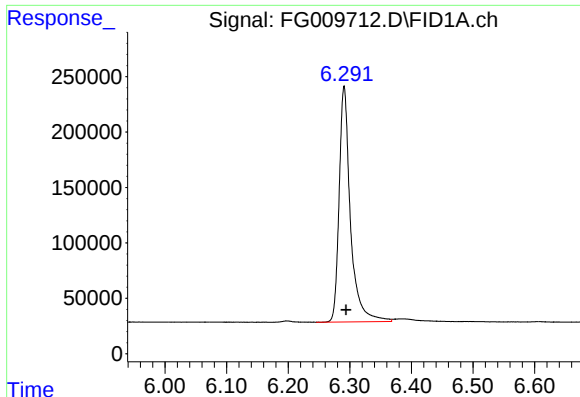
#3 A~Naphthalene (C11.7)

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 2760843
Conc: 19.82 ug/ml



#4 n-Dodecane (C12)

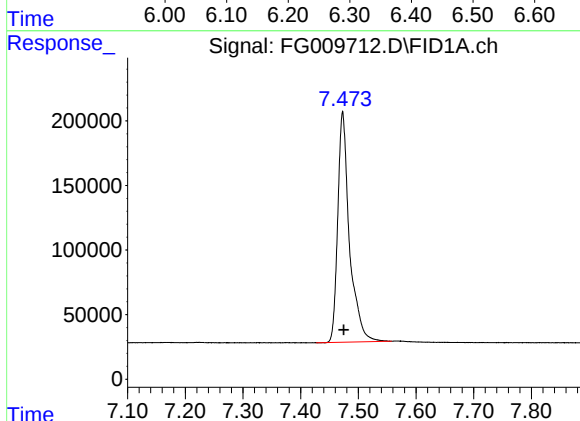
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 2520348
Conc: 19.73 ug/ml



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

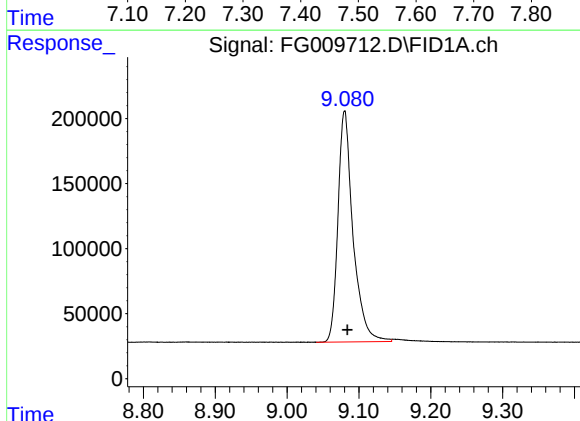
R.T.: 6.291 min
Delta R.T.: -0.003 min
Response: 2716182
Conc: 19.74 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



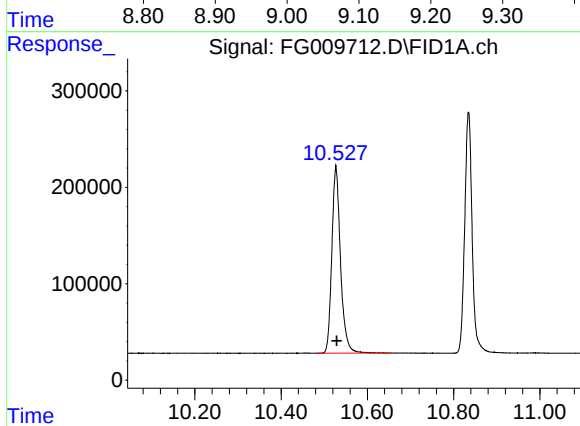
#6 n-Tetradecane (C14)

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 2512520
Conc: 19.65 ug/ml



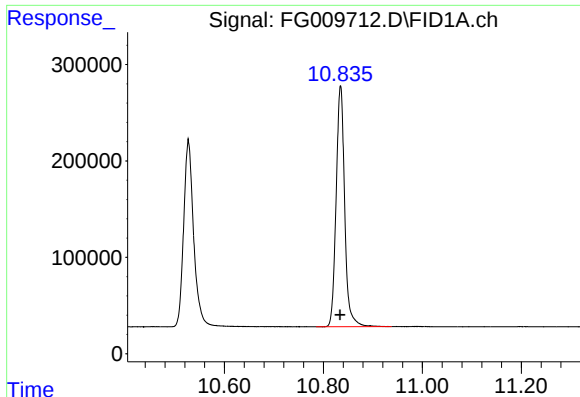
#7 n-Hexadecane (C16)

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 2586291
Conc: 19.44 ug/ml



#8 n-Octadecane (C18)

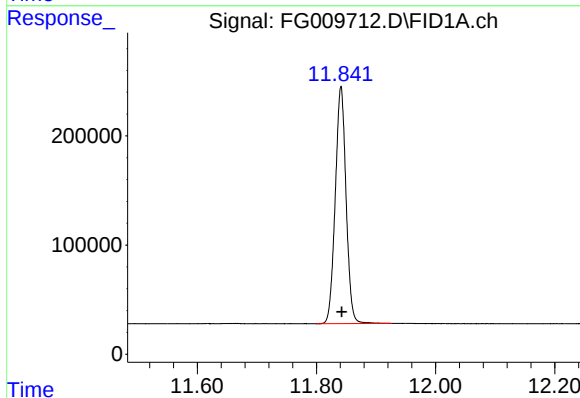
R.T.: 10.527 min
Delta R.T.: -0.001 min
Response: 2716193
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

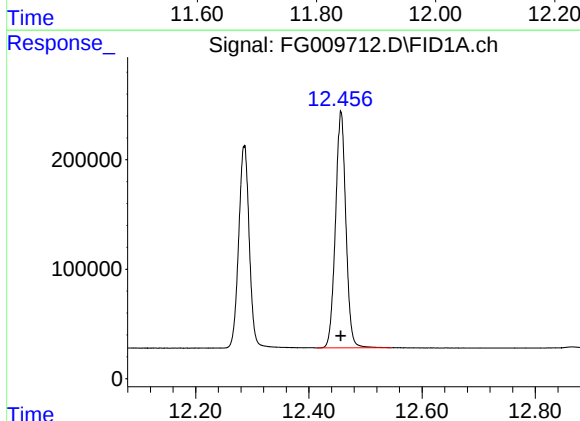
R.T.: 10.835 min
Delta R.T.: 0.001 min
Response: 2996036
Conc: 19.55 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



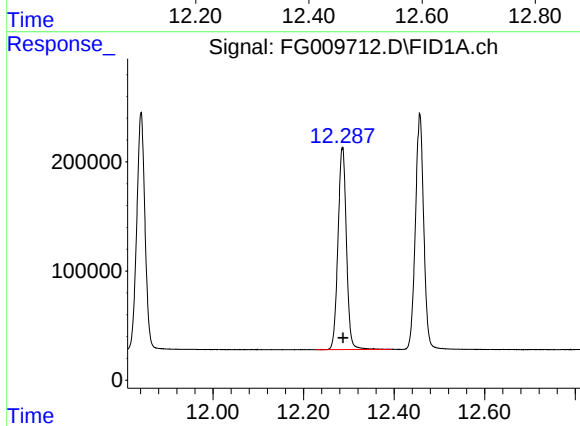
#10 n-Eicosane (C20)

R.T.: 11.841 min
Delta R.T.: -0.001 min
Response: 2730746
Conc: 19.61 ug/ml



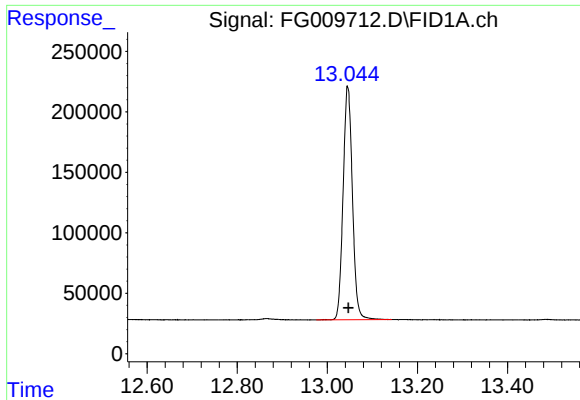
#11 n-Heneicosane (C21)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 2760306
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

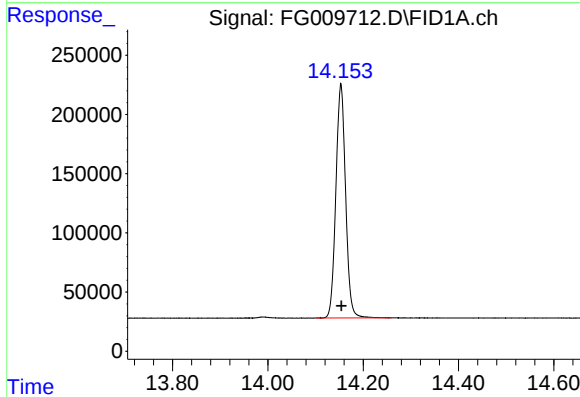
R.T.: 12.287 min
Delta R.T.: 0.000 min
Response: 2398905
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

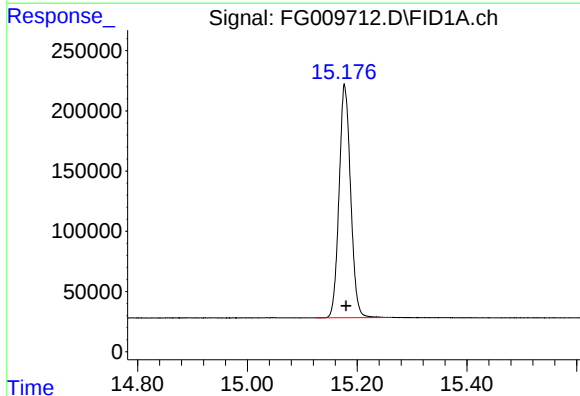
R.T.: 13.045 min
Delta R.T.: -0.002 min
Response: 2779053
Conc: 19.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



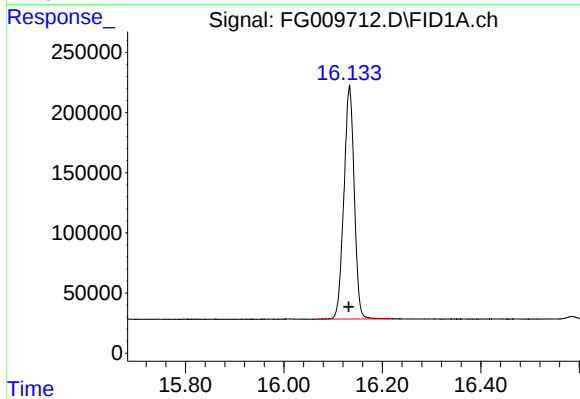
#14 n-Tetracosane (C24)

R.T.: 14.153 min
Delta R.T.: -0.001 min
Response: 2811800
Conc: 19.73 ug/ml



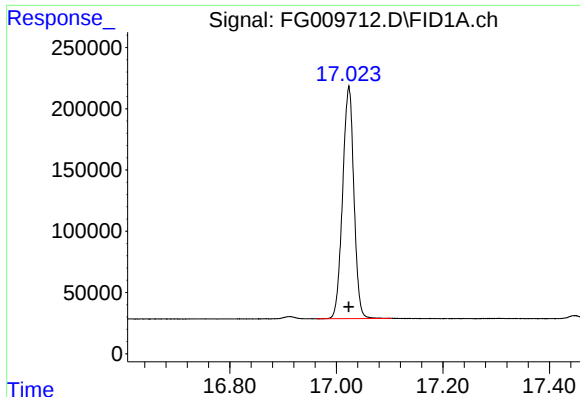
#15 n-Hexacosane (C26)

R.T.: 15.177 min
Delta R.T.: -0.003 min
Response: 2818689
Conc: 19.78 ug/ml



#16 n-Octacosane (C28)

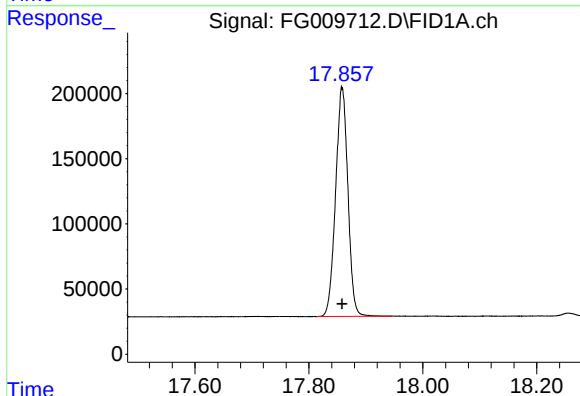
R.T.: 16.133 min
Delta R.T.: 0.002 min
Response: 2829135
Conc: 19.90 ug/ml



#17 n-Tricontane (C30)

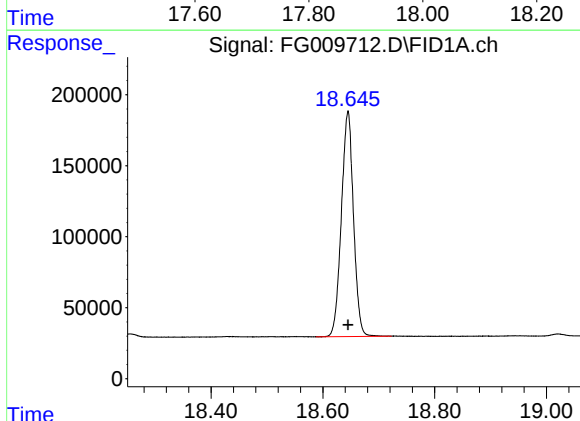
R.T.: 17.024 min
Delta R.T.: 0.000 min
Response: 2792250
Conc: 19.96 ug/ml

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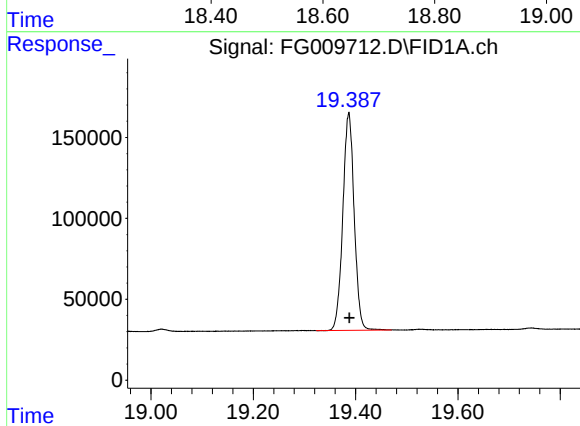
#18 n-Dotriacontane (C32)

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 2637526
Conc: 20.02 ug/ml



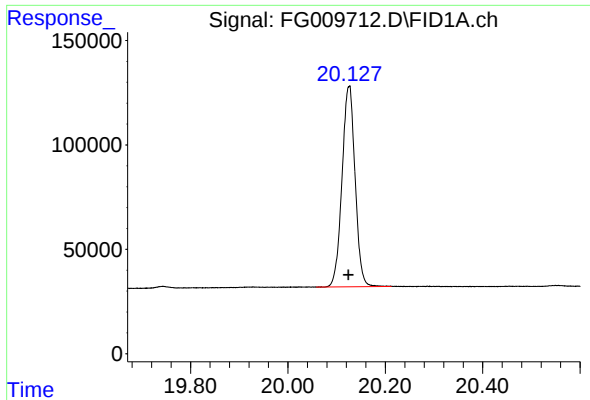
#19 n-Tetratriacontane (C34)

R.T.: 18.645 min
Delta R.T.: 0.000 min
Response: 2382698
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

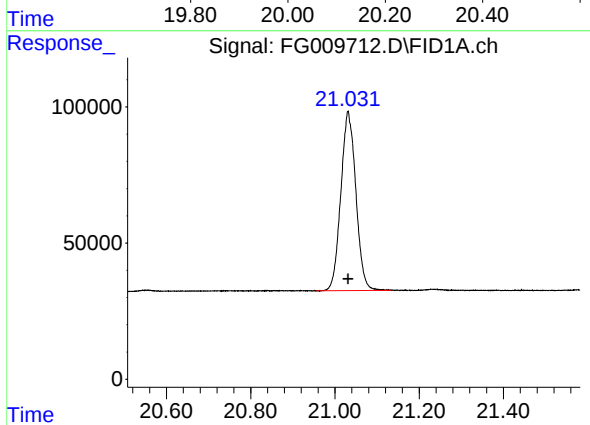
R.T.: 19.387 min
Delta R.T.: -0.002 min
Response: 2071950
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.126 min
Delta R.T.: 0.002 min
Response: 1789855
Conc: 20.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.031 min
Delta R.T.: 0.000 min
Response: 1628821
Conc: 20.42 ug/ml