

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092722AL\
 Data File : FC061650.D
 Signal(s) : FID1A.ch
 Acq On : 28 Sep 2022 10:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 28 15:20:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.572	3095115	18.111 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
12) S 1-chlorooctadecane (S...	13.010	2404727	17.603 ug/ml
Spiked Amount 50.000		Recovery =	35.21%
Target Compounds			
1) T n-Nonane (C9)	3.331	2783979	18.651 ug/ml
2) T n-Decane (C10)	4.398	2850221	18.895 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3137755	18.921 ug/ml
4) T n-Dodecane (C12)	6.415	2887018	18.986 ug/ml
5) T A~2-methylnaphthalene...	7.038	3189506	19.390 ug/ml
6) T n-Tetradecane (C14)	8.213	2942114	19.298 ug/ml
7) T n-Hexadecane (C16)	9.814	2936386	18.990 ug/ml
8) T n-Octadecane (C18)	11.256	2905334	18.430 ug/ml
10) T n-Eicosane (C20)	12.565	2851322	17.893 ug/ml
11) T n-Heneicosane (C21)	13.178	2814529	17.543 ug/ml
13) T n-Docosane (C22)	13.764	2785647	17.339 ug/ml
14) T n-Tetracosane (C24)	14.868	2739620	17.102 ug/ml
15) T n-Hexacosane (C26)	15.889	2605619	16.436 ug/ml
16) T n-Octacosane (C28)	16.839	2543257	16.408 ug/ml
17) T n-Tricontane (C30)	17.727	2627561	17.074 ug/ml
18) T n-Dotriacontane (C32)	18.560	2586882	17.109 ug/mlm
19) T n-Tetratriacontane (C34)	19.342	2427566	17.121 ug/mlm
20) T n-Hexatriacontane (C36)	20.082	2361553	17.106 ug/mlm
21) T n-Octatriacontane (C38)	20.819	2320906	17.921 ug/mlm
22) T n-Tetracontane (C40)	21.730	2217452	18.145 ug/mlm

(f)=RT Delta > 1/2 Window

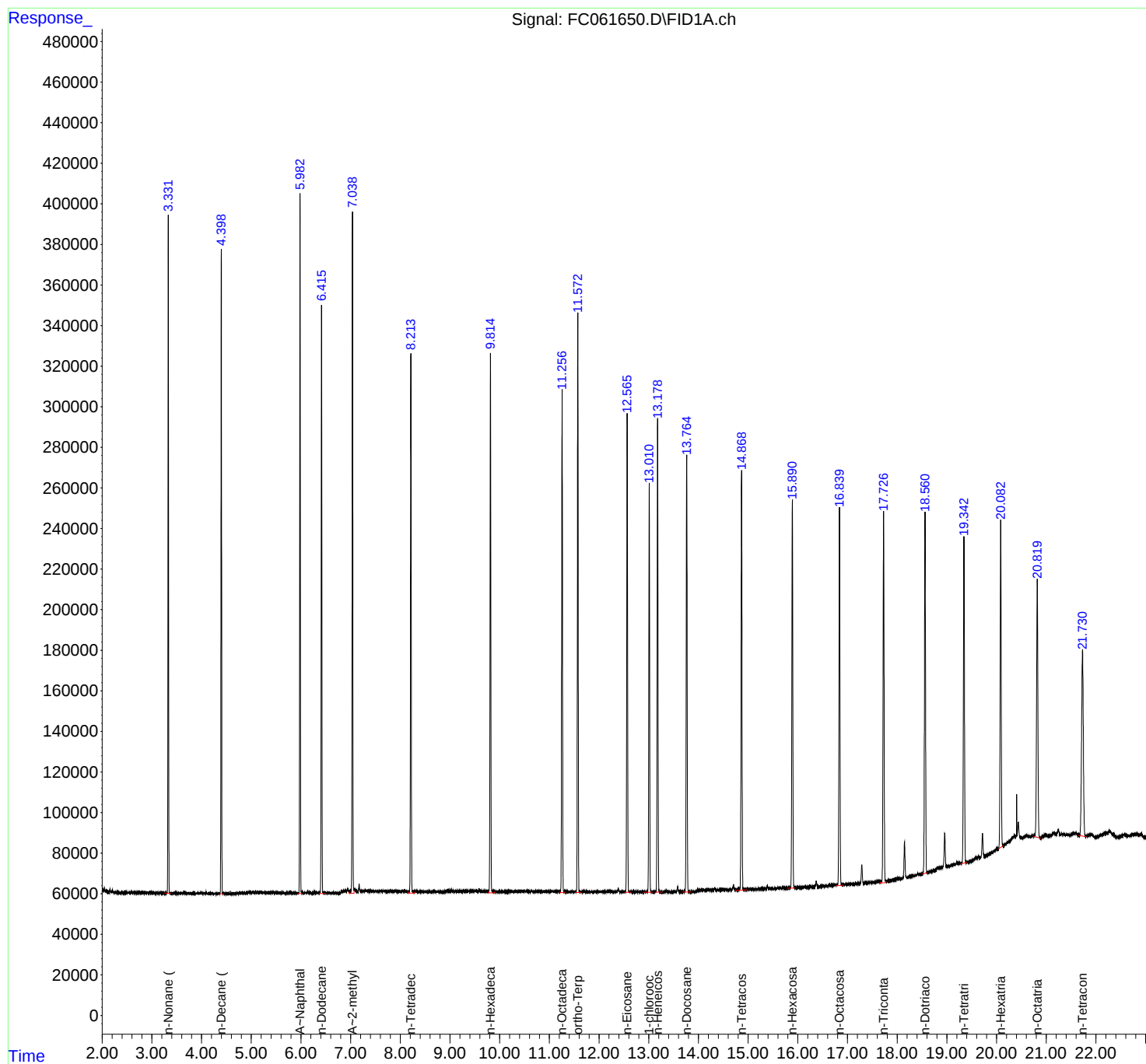
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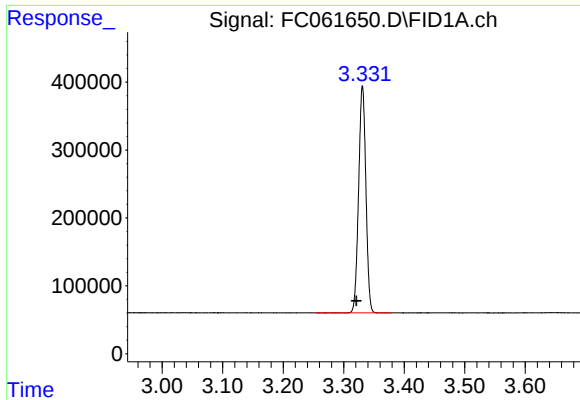
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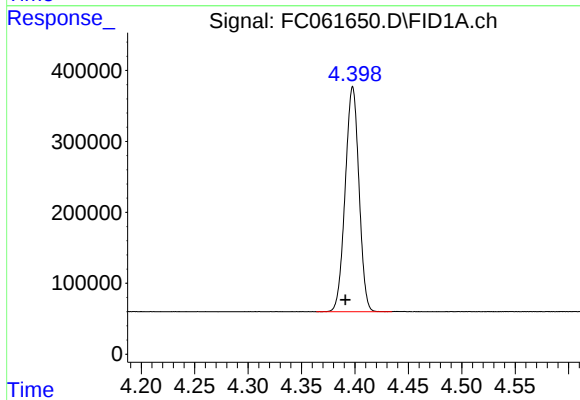




#1 n-Nonane (C9)

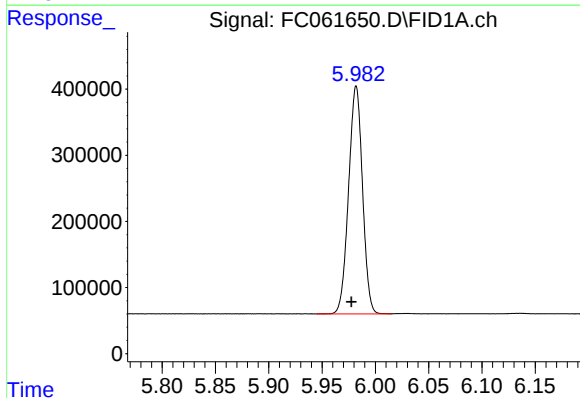
R.T.: 3.331 min
Delta R.T.: 0.010 min
Response: 2783979
Conc: 18.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



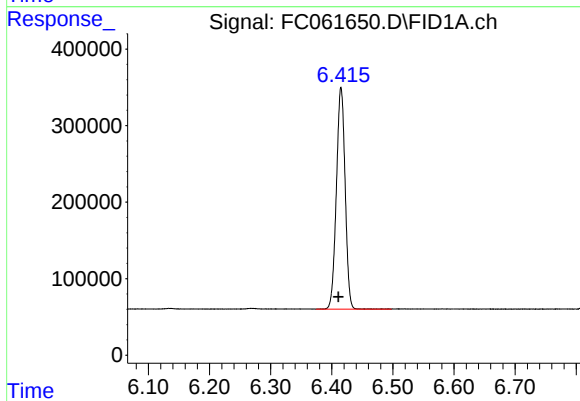
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: 0.007 min
Response: 2850221
Conc: 18.90 ug/ml



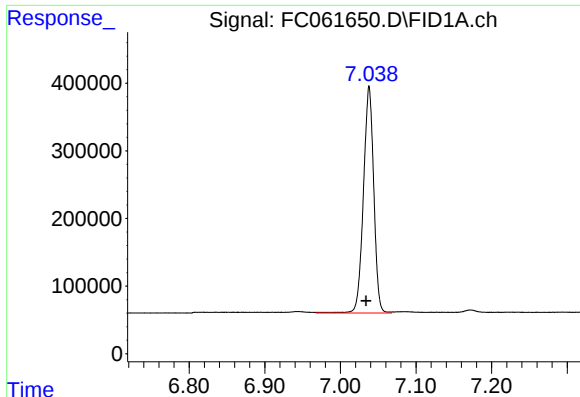
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.004 min
Response: 3137755
Conc: 18.92 ug/ml



#4 n-Dodecane (C12)

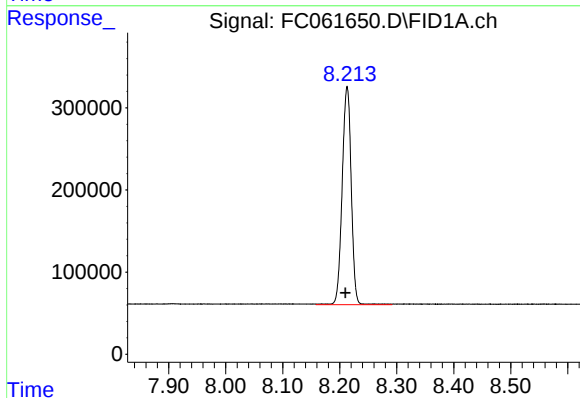
R.T.: 6.415 min
Delta R.T.: 0.004 min
Response: 2887018
Conc: 18.99 ug/ml



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

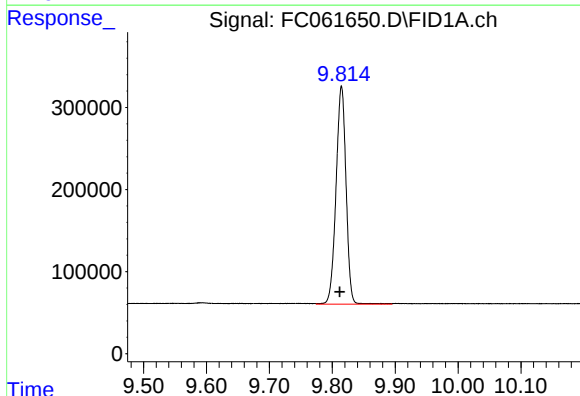
R.T.: 7.038 min
Delta R.T.: 0.004 min
Response: 3189506
Conc: 19.39 ug/ml

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20 PPM ALIPHATIC HC STD



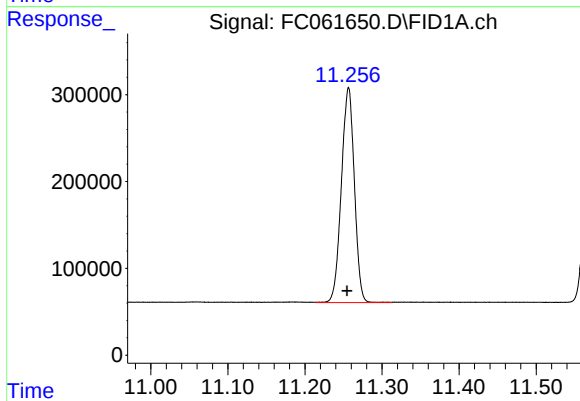
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.003 min
Response: 2942114
Conc: 19.30 ug/ml



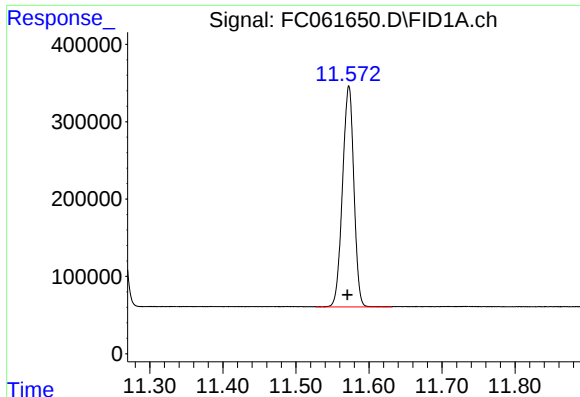
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: 0.002 min
Response: 2936386
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

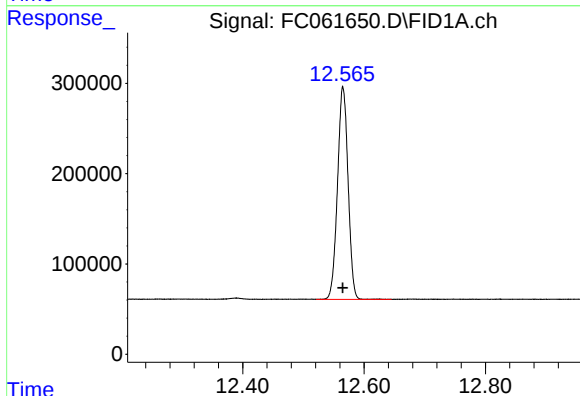
R.T.: 11.256 min
Delta R.T.: 0.001 min
Response: 2905334
Conc: 18.43 ug/ml



#9 ortho-Terphenyl (SURR)

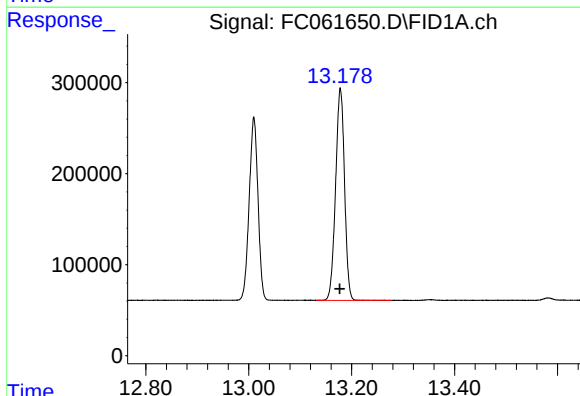
R.T.: 11.572 min
Delta R.T.: 0.001 min
Response: 3095115
Conc: 18.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



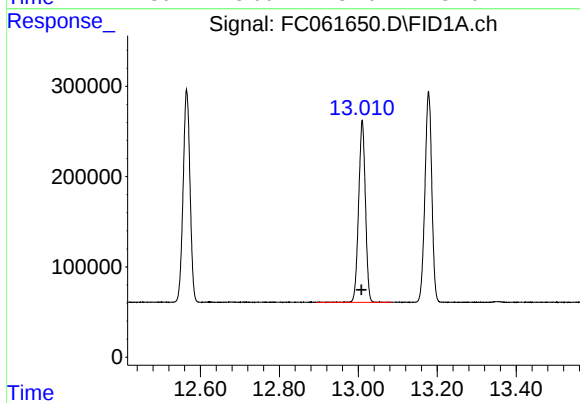
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 2851322
Conc: 17.89 ug/ml



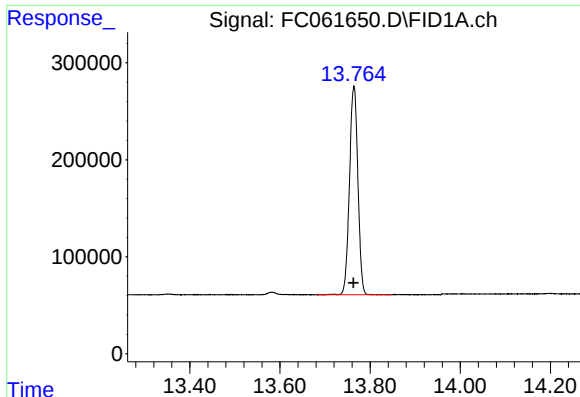
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: 0.001 min
Response: 2814529
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

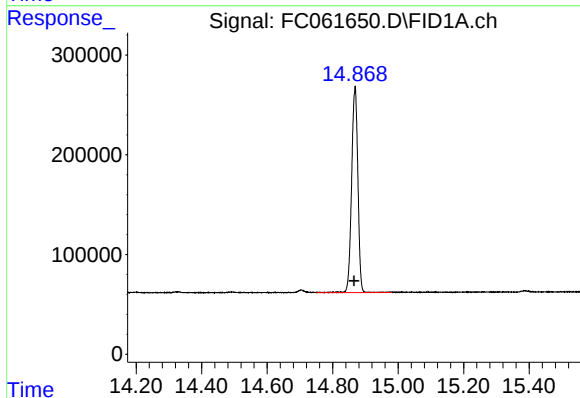
R.T.: 13.010 min
Delta R.T.: 0.002 min
Response: 2404727
Conc: 17.60 ug/ml



#13 n-Docosane (C22)

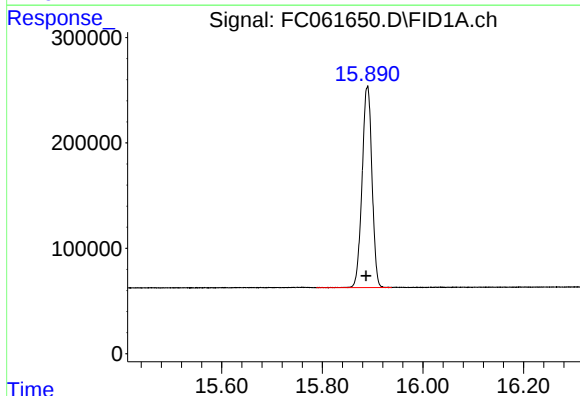
R.T.: 13.764 min
Delta R.T.: 0.001 min
Response: 2785647
Conc: 17.34 ug/ml

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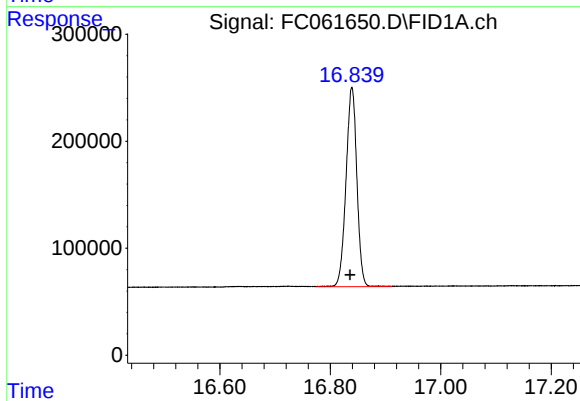
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.002 min
Response: 2739620
Conc: 17.10 ug/ml



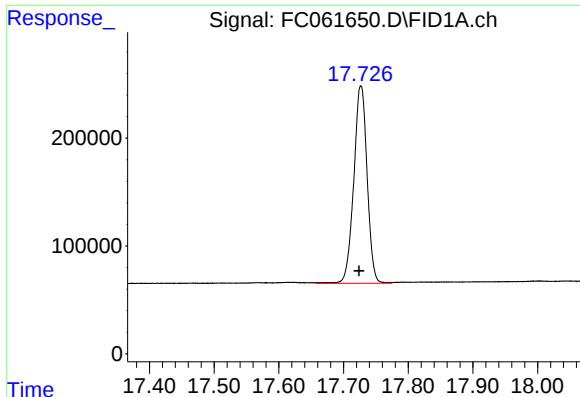
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.003 min
Response: 2605619
Conc: 16.44 ug/ml



#16 n-Octacosane (C28)

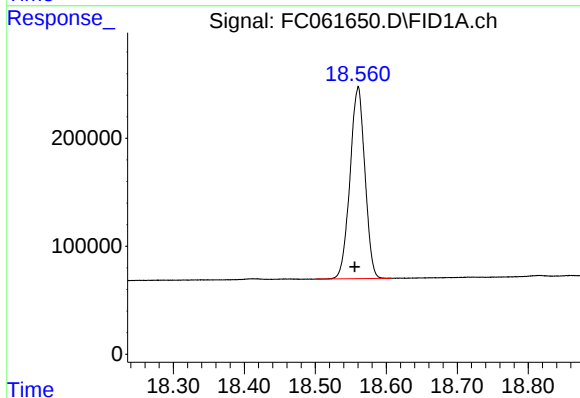
R.T.: 16.839 min
Delta R.T.: 0.003 min
Response: 2543257
Conc: 16.41 ug/ml



#17 n-Tricontane (C30)

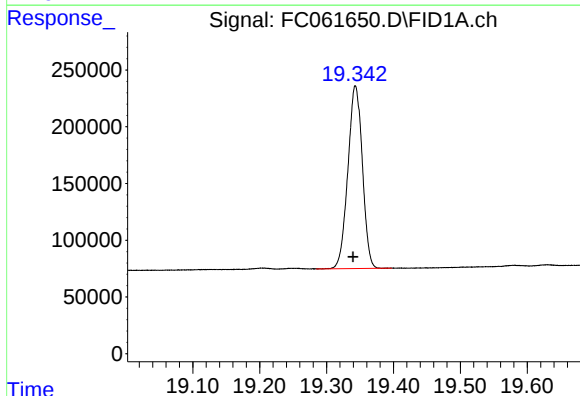
R.T.: 17.727 min
Delta R.T.: 0.003 min
Response: 2627561
Conc: 17.07 ug/ml

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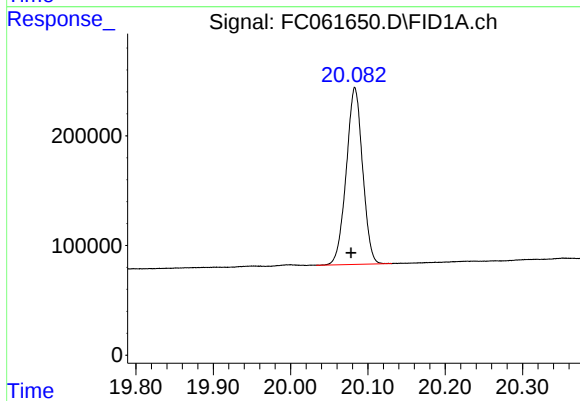
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: 0.005 min
Response: 2586882
Conc: 17.11 ug/ml m



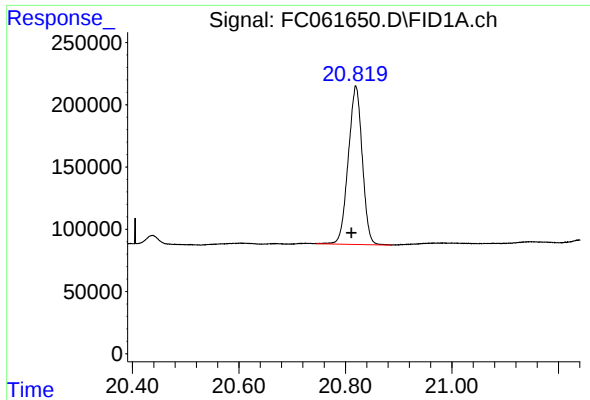
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.002 min
Response: 2427566
Conc: 17.12 ug/ml m



#20 n-Hexatriacontane (C36)

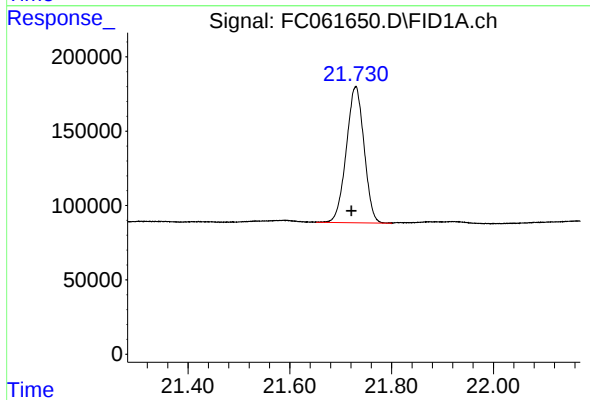
R.T.: 20.082 min
Delta R.T.: 0.004 min
Response: 2361553
Conc: 17.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: 0.007 min
Response: 2320906
Conc: 17.92 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: 0.009 min
Response: 2217452
Conc: 18.15 ug/ml m