

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092222AL\
 Data File : FC061598.D
 Signal(s) : FID1A.ch
 Acq On : 22 Sep 2022 10:36
 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: autoint1.e
 Quant Time: Sep 22 13:10:14 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)	11.571	3360641	19.665 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
12) S 1-chlorooctadecane (S...	13.010	2675453	19.585 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.319	2879942	19.294 ug/ml
2) T n-Decane (C10)	4.390	2944831	19.523 ug/ml
3) T A~Naphthalene (C11.7)	5.976	3242835	19.555 ug/ml
4) T n-Dodecane (C12)	6.411	2973832	19.557 ug/ml
5) T A~2-methylnaphthalene...	7.033	3219183	19.570 ug/ml
6) T n-Tetradecane (C14)	8.210	2987098	19.593 ug/ml
7) T n-Hexadecane (C16)	9.812	3035505	19.631 ug/ml
8) T n-Octadecane (C18)	11.255	3103193	19.685 ug/ml
10) T n-Eicosane (C20)	12.565	3131478	19.651 ug/ml
11) T n-Heneicosane (C21)	13.178	3147937	19.621 ug/ml
13) T n-Docosane (C22)	13.765	3148639	19.598 ug/ml
14) T n-Tetracosane (C24)	14.868	3130774	19.544 ug/ml
15) T n-Hexacosane (C26)	15.889	3084951	19.460 ug/ml
16) T n-Octacosane (C28)	16.838	2999519	19.352 ug/ml
17) T n-Tricontane (C30)	17.725	2953004	19.189 ug/ml
18) T n-Dotriacontane (C32)	18.558	2904142	19.207 ug/ml
19) T n-Tetratriacontane (C34)	19.341	2741137	19.332 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2646093	19.167 ug/ml
21) T n-Octatriacontane (C38)	20.813	2420526	18.690 ug/ml
22) T n-Tetracontane (C40)	21.723	2313374	18.930 ug/ml

(f)=RT Delta > 1/2 Window

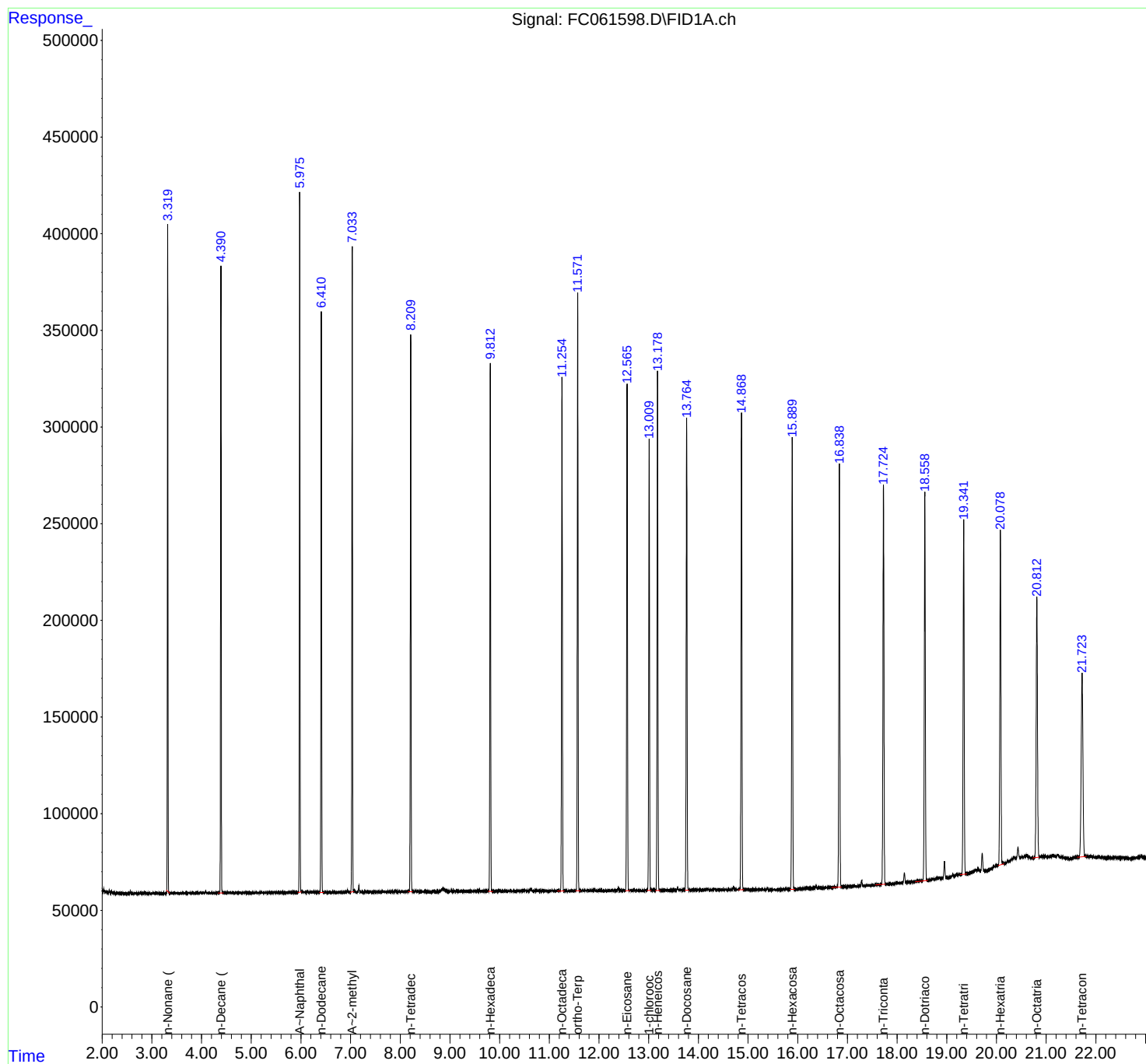
(m)=manual int.

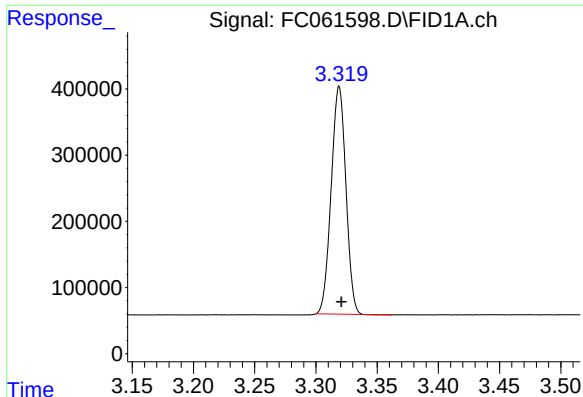
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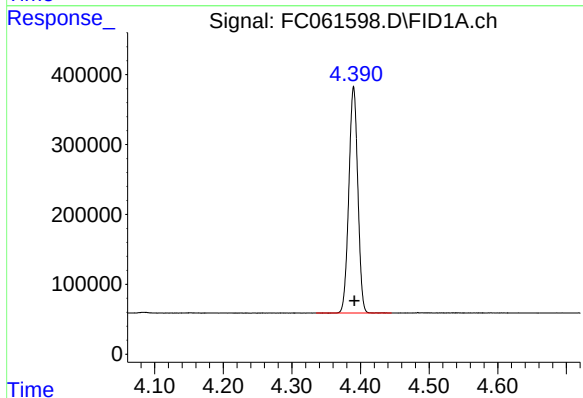




#1 n-Nonane (C9)

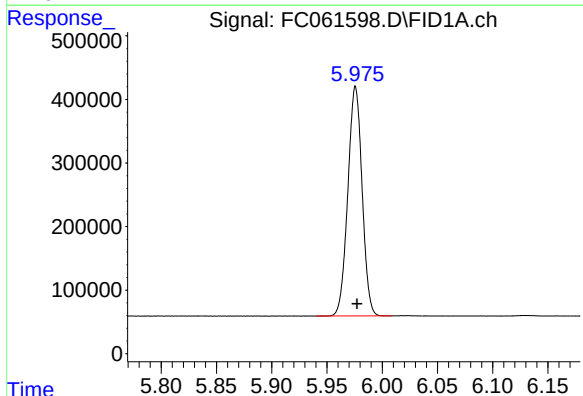
R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 2879942
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



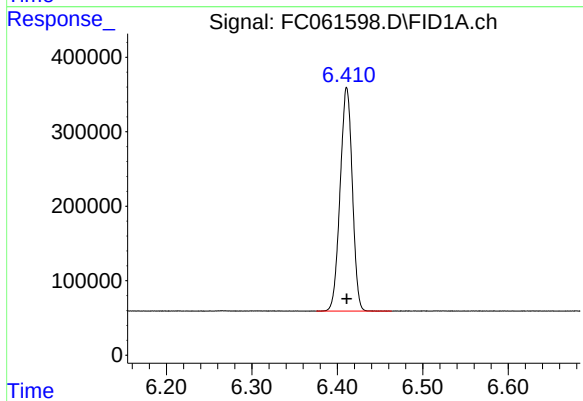
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.001 min
Response: 2944831
Conc: 19.52 ug/ml



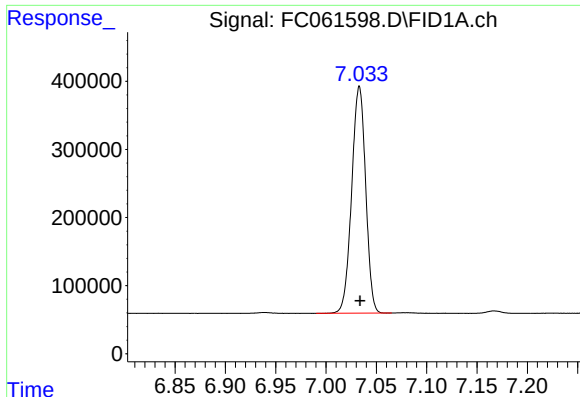
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 3242835
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

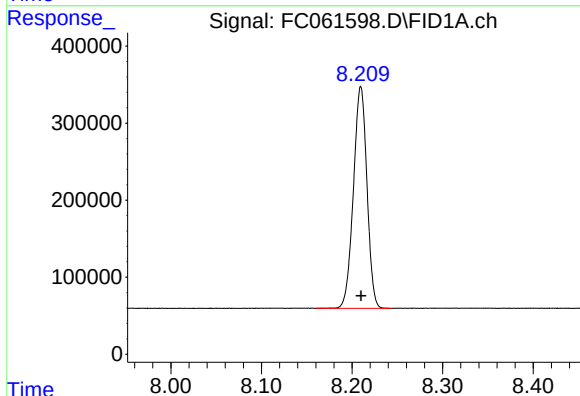
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 2973832
Conc: 19.56 ug/ml



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

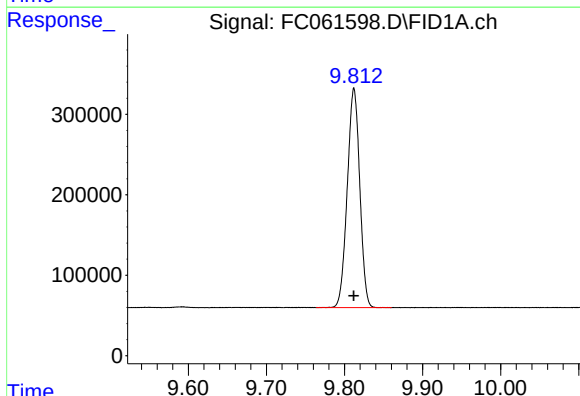
R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 3219183
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



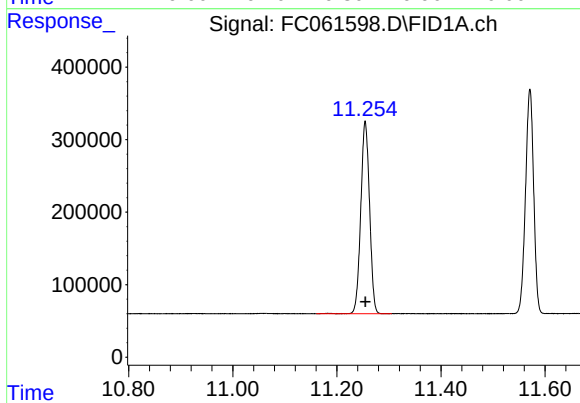
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2987098
Conc: 19.59 ug/ml



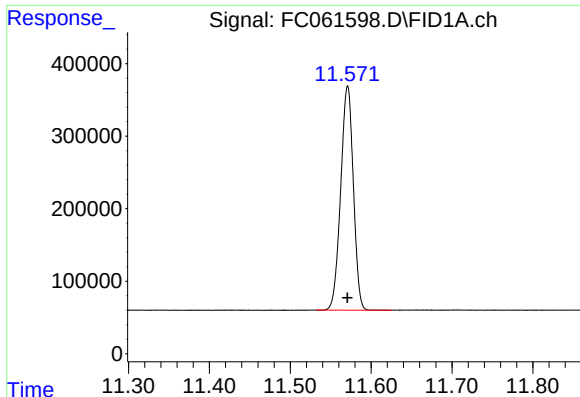
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 3035505
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

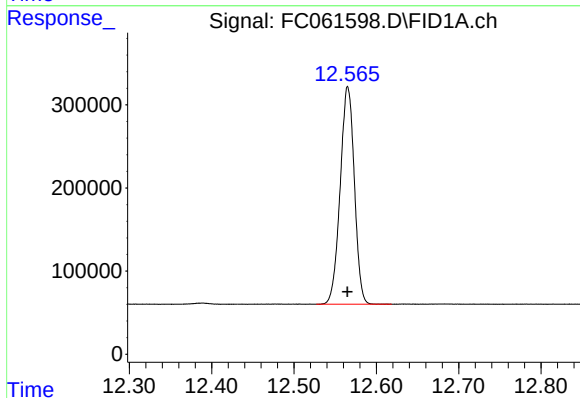
R.T.: 11.255 min
Delta R.T.: 0.000 min
Response: 3103193
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

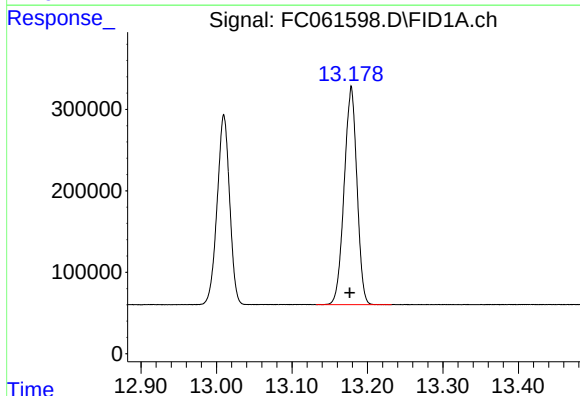
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 3360641
Conc: 19.66 ug/ml

Instrument :
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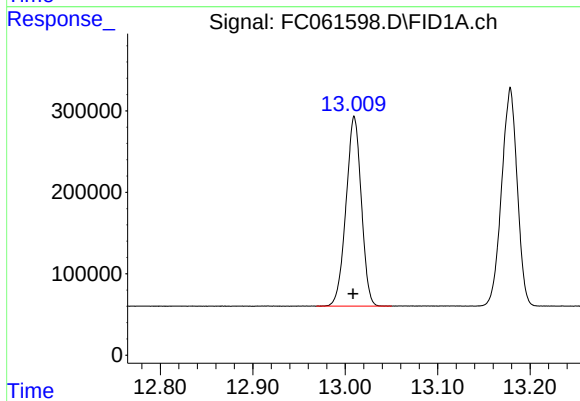
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 3131478
Conc: 19.65 ug/ml



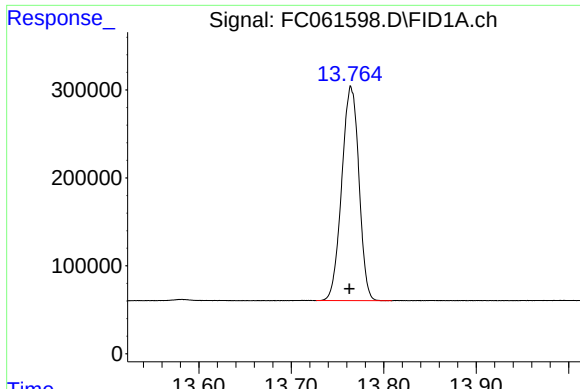
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: 0.002 min
Response: 3147937
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

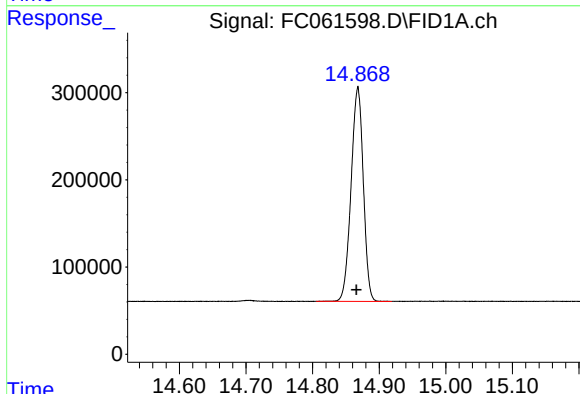
R.T.: 13.010 min
Delta R.T.: 0.002 min
Response: 2675453
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

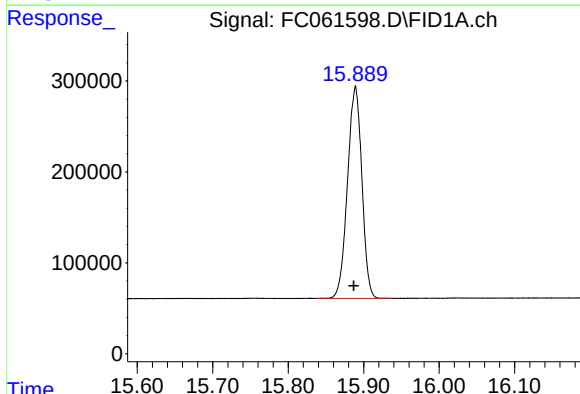
R.T.: 13.765 min
Delta R.T.: 0.002 min
Response: 3148639
Conc: 19.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



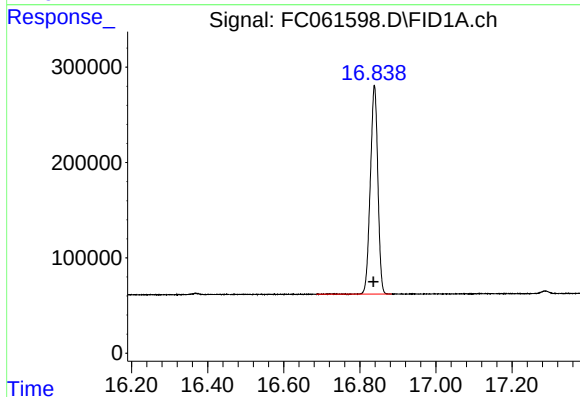
#14 n-Tetracosane (C24)

R.T.: 14.868 min
Delta R.T.: 0.002 min
Response: 3130774
Conc: 19.54 ug/ml



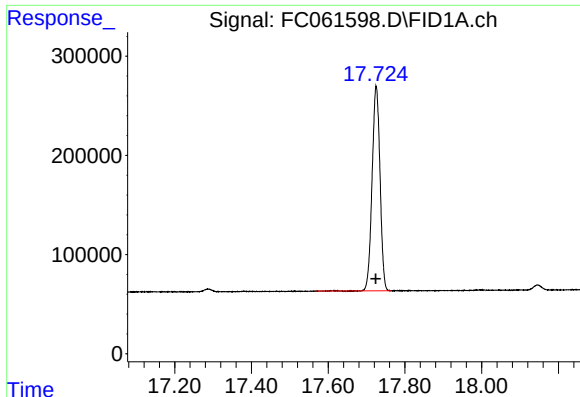
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.002 min
Response: 3084951
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

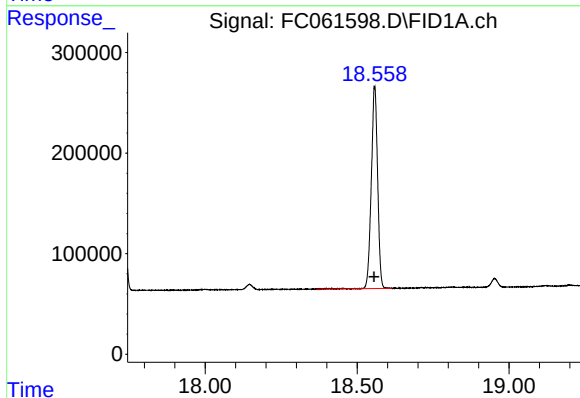
R.T.: 16.838 min
Delta R.T.: 0.002 min
Response: 2999519
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

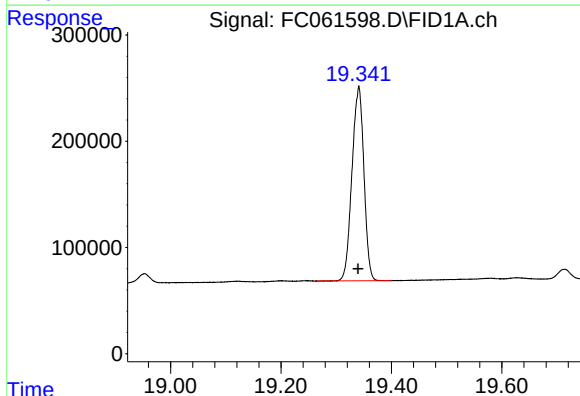
R.T.: 17.725 min
Delta R.T.: 0.001 min
Response: 2953004
Conc: 19.19 ug/ml

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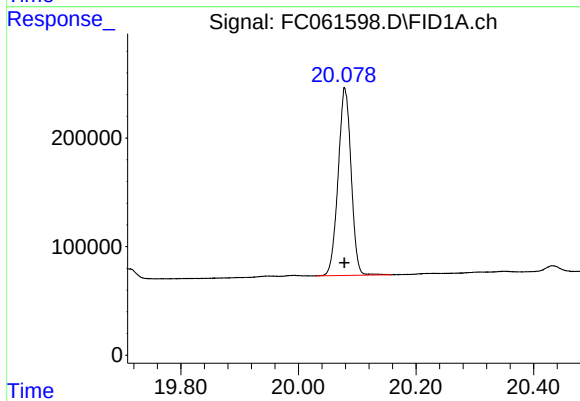
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.002 min
Response: 2904142
Conc: 19.21 ug/ml



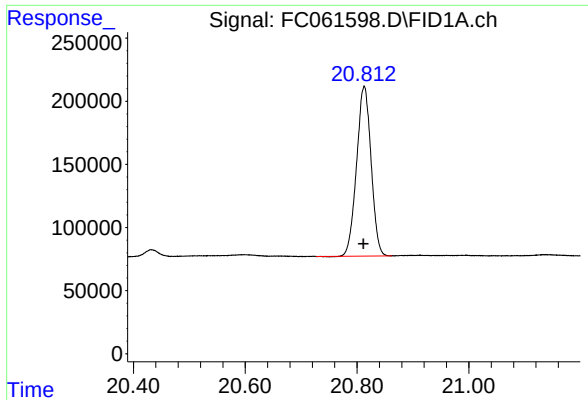
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: 0.000 min
Response: 2741137
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

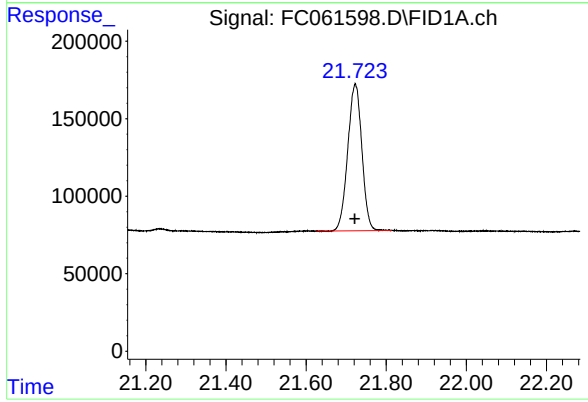
R.T.: 20.079 min
Delta R.T.: 0.001 min
Response: 2646093
Conc: 19.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.001 min
Response: 2420526
Conc: 18.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: 0.002 min
Response: 2313374
Conc: 18.93 ug/ml