

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082922AL\
 Data File : FC061325.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2022 10:48
 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: Aug 30 04:56:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.640	3012951	17.020 ug/ml
Spiked Amount 50.000		Recovery =	34.04%
12) S 1-chlorooctadecane (S...	13.070	2409268	17.203 ug/ml
Spiked Amount 50.000		Recovery =	34.41%
Target Compounds			
1) T n-Nonane (C9)	3.410	2672211	17.675 ug/ml
2) T n-Decane (C10)	4.478	2690635	17.732 ug/ml
3) T A~Naphthalene (C11.7)	6.063	3022680	17.462 ug/ml
4) T n-Dodecane (C12)	6.490	2719483	17.559 ug/ml
5) T A~2-methylnaphthalene...	7.116	3038134	17.254 ug/ml
6) T n-Tetradecane (C14)	8.282	2726639	17.432 ug/ml
7) T n-Hexadecane (C16)	9.881	2744375	17.521 ug/ml
8) T n-Octadecane (C18)	11.320	2760501	17.497 ug/ml
10) T n-Eicosane (C20)	12.626	2704671	17.398 ug/ml
11) T n-Heneicosane (C21)	13.236	2689344	17.193 ug/ml
13) T n-Docosane (C22)	13.822	2685942	17.309 ug/ml
14) T n-Tetracosane (C24)	14.921	2694959	17.420 ug/ml
15) T n-Hexacosane (C26)	15.941	2611945	17.355 ug/ml
16) T n-Octacosane (C28)	16.888	2550448	17.267 ug/ml
17) T n-Tricontane (C30)	17.774	2461063	17.819 ug/ml
18) T n-Dotriacontane (C32)	18.604	2018143	18.386 ug/ml
19) T n-Tetratriacontane (C34)	19.386	1476616	19.130 ug/ml
20) T n-Hexatriacontane (C36)	20.125	1120733	19.851 ug/ml
21) T n-Octatriacontane (C38)	20.865	964055	20.781 ug/ml
22) T n-Tetracontane (C40)	21.795	833364	19.869 ug/ml

(f)=RT Delta > 1/2 Window

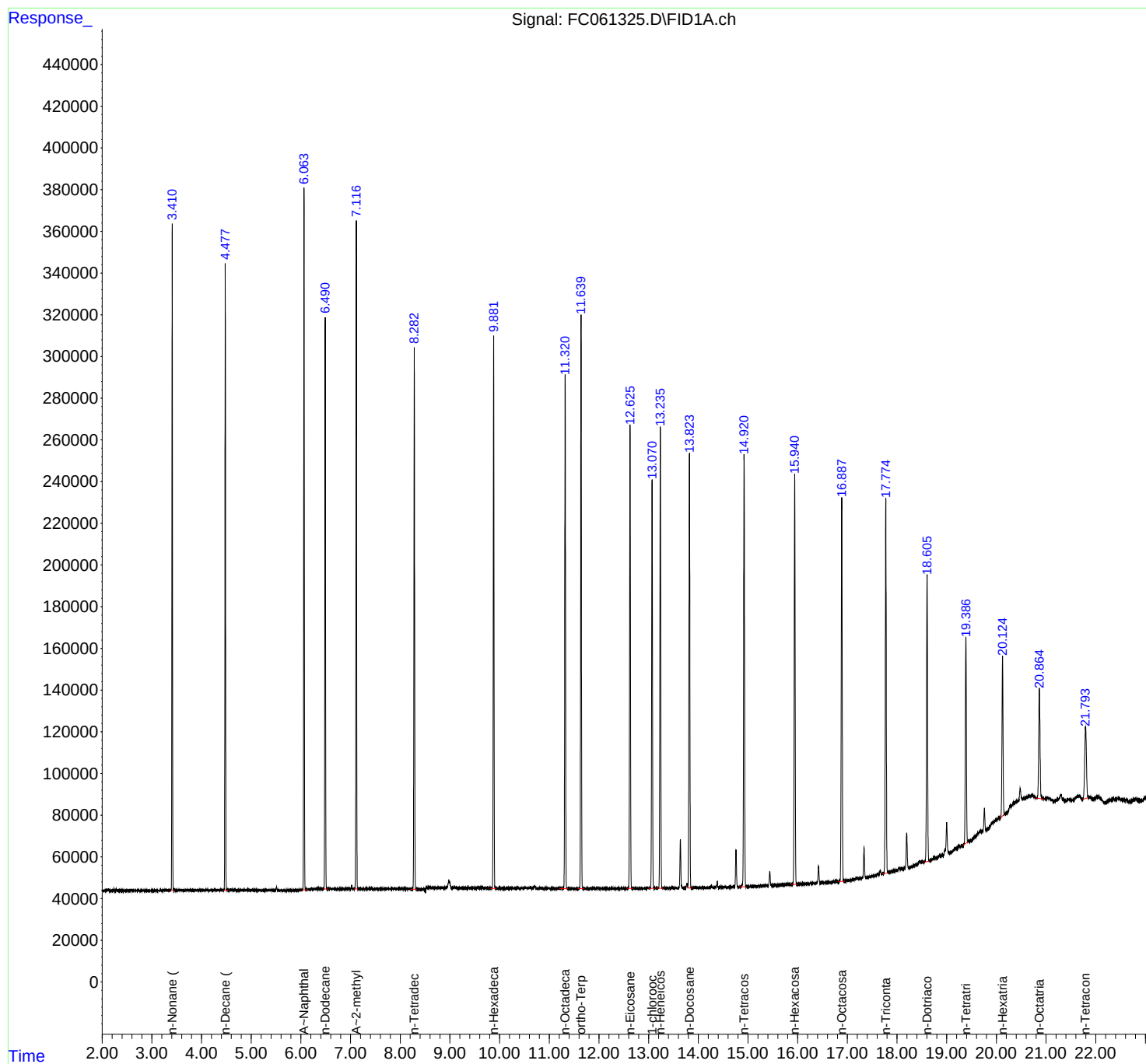
(m)=manual int.

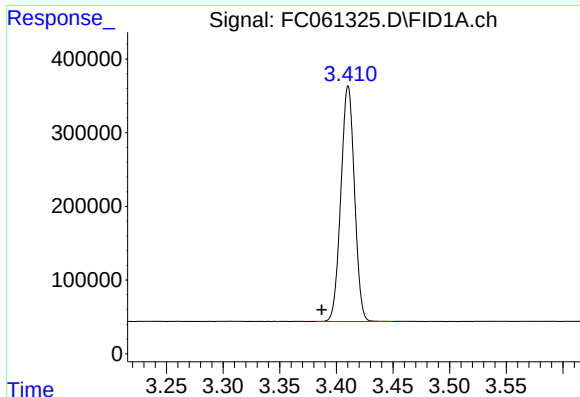
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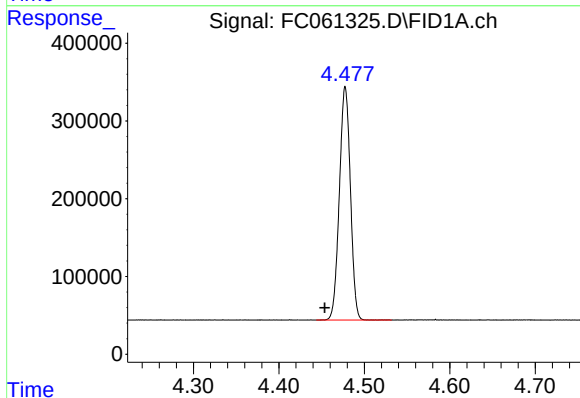




#1 n-Nonane (C9)

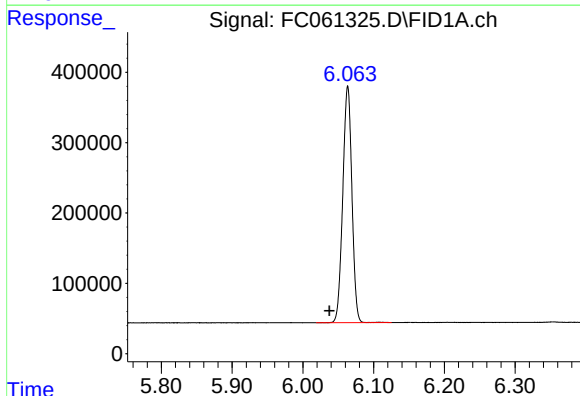
R.T.: 3.410 min
Delta R.T.: 0.023 min
Response: 2672211
Conc: 17.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



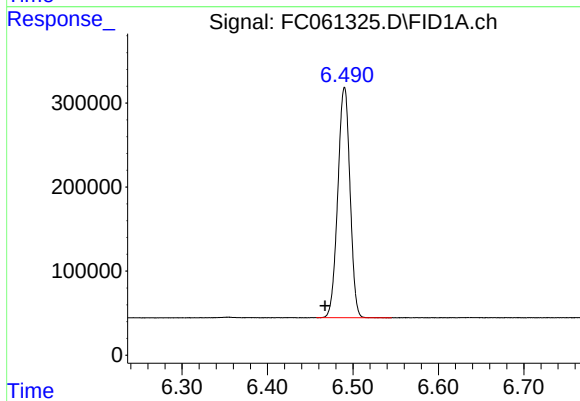
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.024 min
Response: 2690635
Conc: 17.73 ug/ml



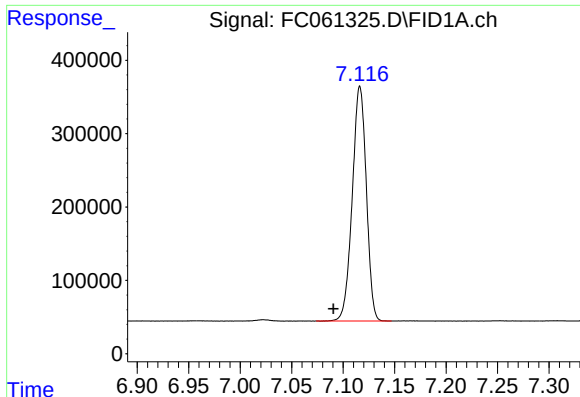
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.026 min
Response: 3022680
Conc: 17.46 ug/ml



#4 n-Dodecane (C12)

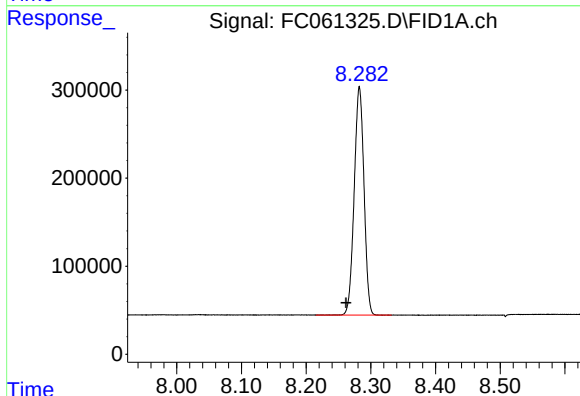
R.T.: 6.490 min
Delta R.T.: 0.023 min
Response: 2719483
Conc: 17.56 ug/ml



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

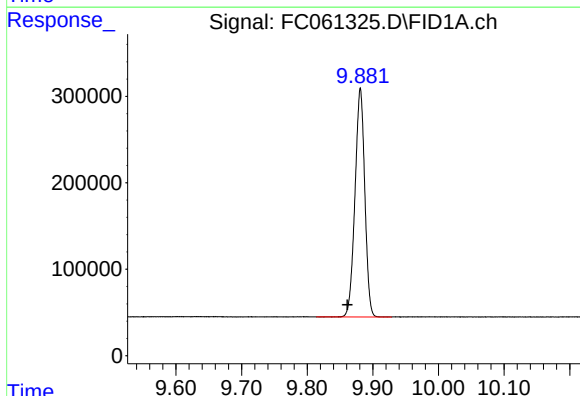
R.T.: 7.116 min
Delta R.T.: 0.026 min
Response: 3038134
Conc: 17.25 ug/ml

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20 PPM ALIPHATIC HC STD



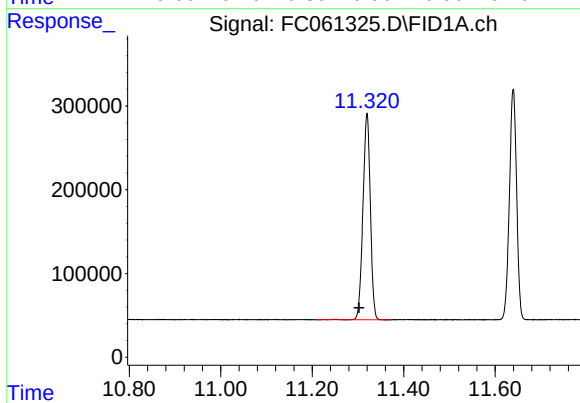
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: 0.021 min
Response: 2726639
Conc: 17.43 ug/ml



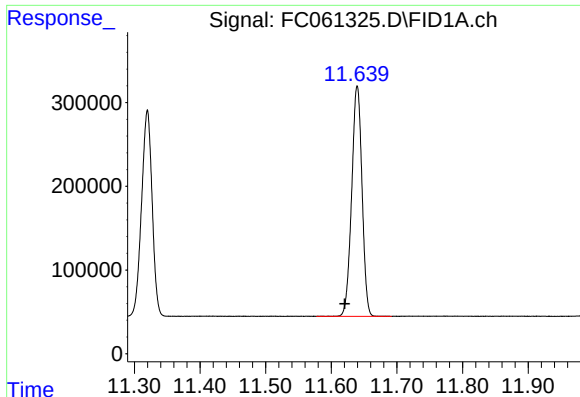
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: 0.020 min
Response: 2744375
Conc: 17.52 ug/ml



#8 n-Octadecane (C18)

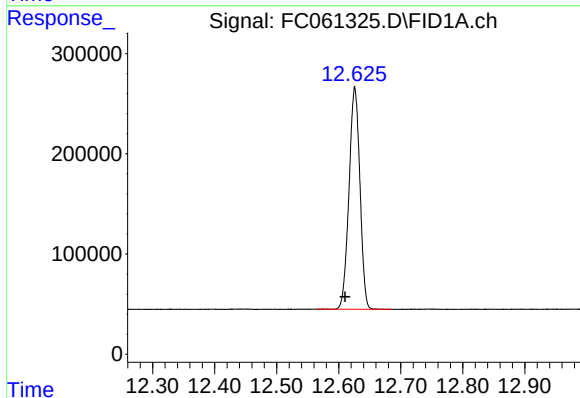
R.T.: 11.320 min
Delta R.T.: 0.017 min
Response: 2760501
Conc: 17.50 ug/ml



#9 ortho-Terphenyl (SURR)

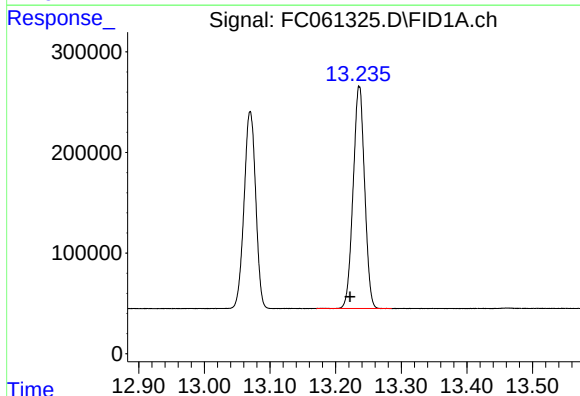
R.T.: 11.640 min
Delta R.T.: 0.019 min
Response: 3012951
Conc: 17.02 ug/ml

Instrument :
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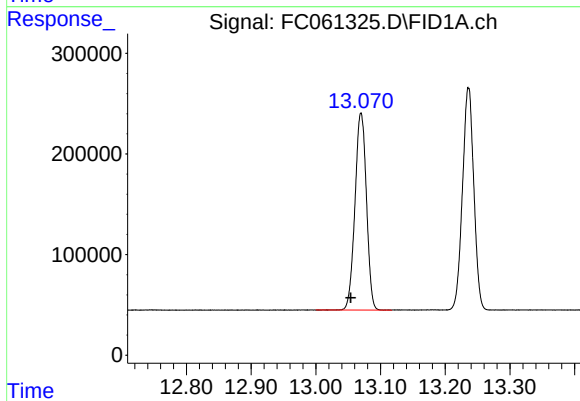
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: 0.016 min
Response: 2704671
Conc: 17.40 ug/ml



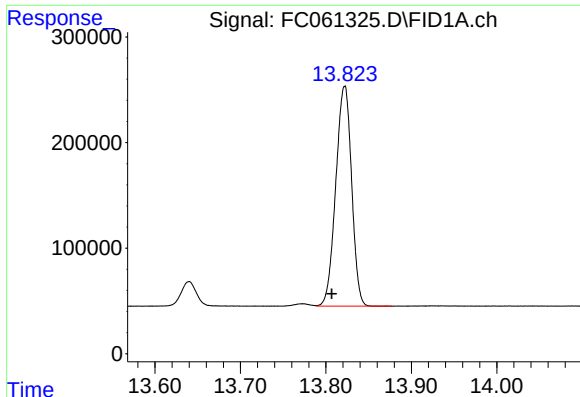
#11 n-Heneicosane (C21)

R.T.: 13.236 min
Delta R.T.: 0.014 min
Response: 2689344
Conc: 17.19 ug/ml



#12 1-chlorooctadecane (SURR)

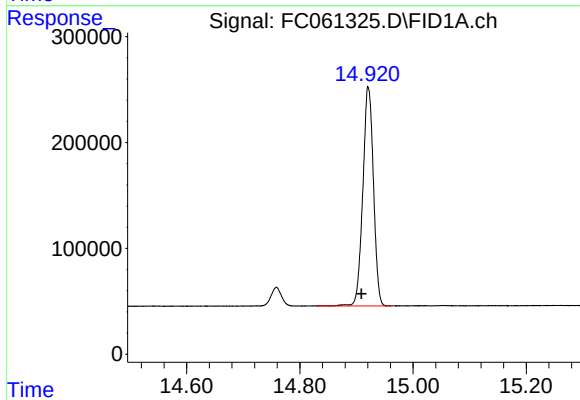
R.T.: 13.070 min
Delta R.T.: 0.016 min
Response: 2409268
Conc: 17.20 ug/ml



#13 n-Docosane (C22)

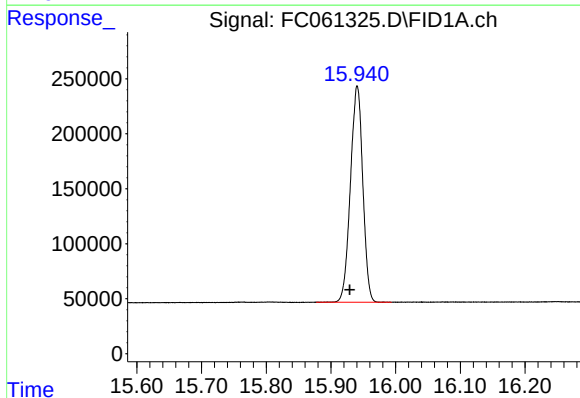
R.T.: 13.822 min
Delta R.T.: 0.015 min
Response: 2685942
Conc: 17.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



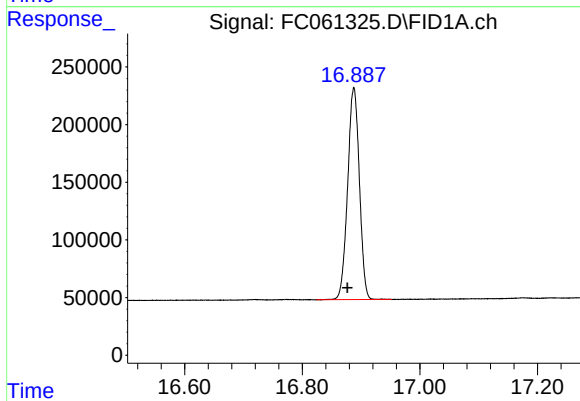
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: 0.012 min
Response: 2694959
Conc: 17.42 ug/ml



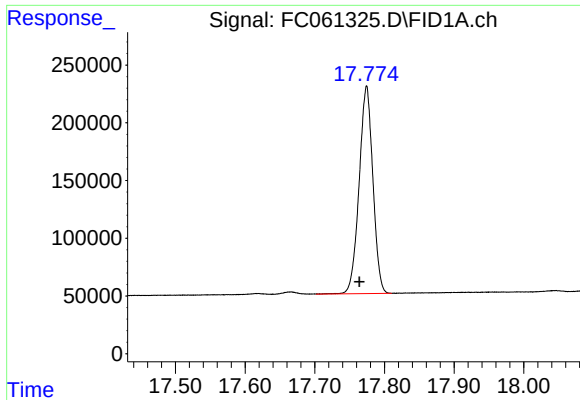
#15 n-Hexacosane (C26)

R.T.: 15.941 min
Delta R.T.: 0.012 min
Response: 2611945
Conc: 17.35 ug/ml



#16 n-Octacosane (C28)

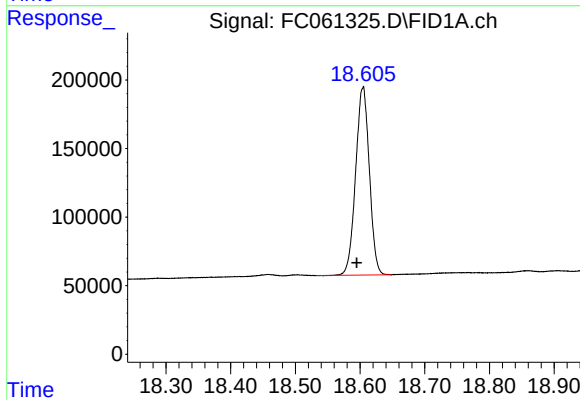
R.T.: 16.888 min
Delta R.T.: 0.011 min
Response: 2550448
Conc: 17.27 ug/ml



#17 n-Tricontane (C30)

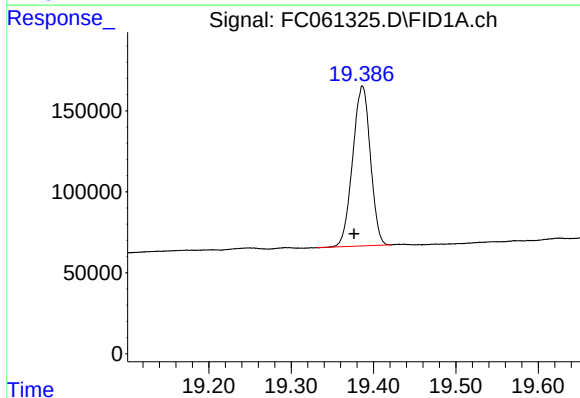
R.T.: 17.774 min
Delta R.T.: 0.010 min
Response: 2461063
Conc: 17.82 ug/ml

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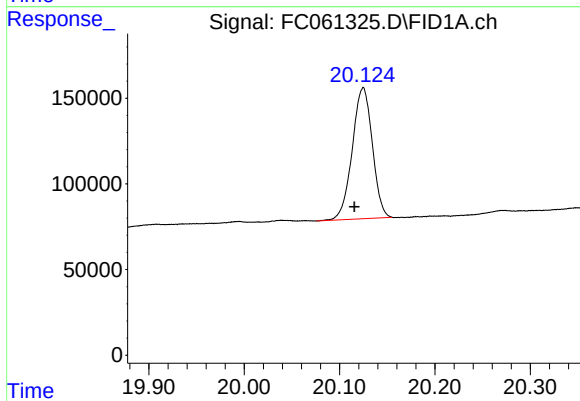
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: 0.010 min
Response: 2018143
Conc: 18.39 ug/ml



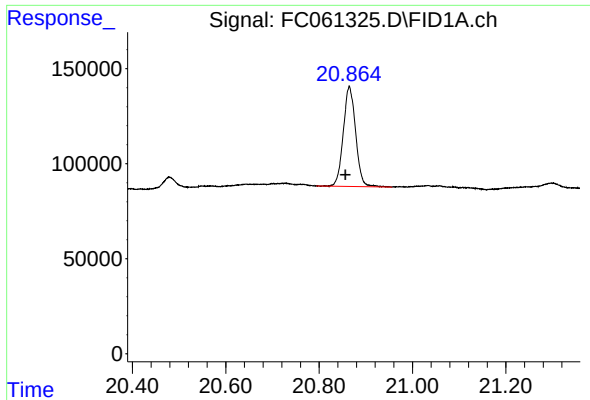
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min
Delta R.T.: 0.010 min
Response: 1476616
Conc: 19.13 ug/ml



#20 n-Hexatriacontane (C36)

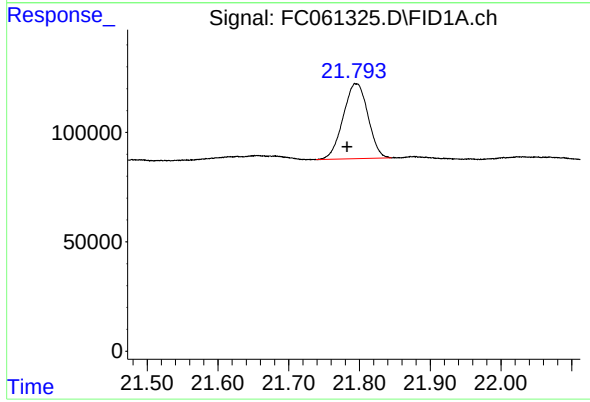
R.T.: 20.125 min
Delta R.T.: 0.009 min
Response: 1120733
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: 0.009 min
Response: 964055
Conc: 20.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.795 min
Delta R.T.: 0.013 min
Response: 833364
Conc: 19.87 ug/ml