

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082622AL\
 Data File : FC061309.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2022 10:19
 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 27 01:53:53 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)	11.639	3171478	17.915 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
12) S 1-chlorooctadecane (S...	13.069	2517398	17.975 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
Target Compounds			
1) T n-Nonane (C9)	3.406	2909433	19.244 ug/ml
2) T n-Decane (C10)	4.474	2912050	19.191 ug/ml
3) T A~Naphthalene (C11.7)	6.060	3253549	18.796 ug/ml
4) T n-Dodecane (C12)	6.488	2930836	18.924 ug/ml
5) T A~2-methylnaphthalene...	7.114	3276548	18.608 ug/ml
6) T n-Tetradecane (C14)	8.281	2937242	18.778 ug/ml
7) T n-Hexadecane (C16)	9.879	2915766	18.615 ug/ml
8) T n-Octadecane (C18)	11.319	2912424	18.460 ug/ml
10) T n-Eicosane (C20)	12.625	2834987	18.236 ug/ml
11) T n-Heneicosane (C21)	13.236	2812983	17.984 ug/ml
13) T n-Docosane (C22)	13.820	2791258	17.987 ug/ml
14) T n-Tetracosane (C24)	14.920	2787016	18.015 ug/ml
15) T n-Hexacosane (C26)	15.940	2696490	17.916 ug/ml
16) T n-Octacosane (C28)	16.888	2633950	17.832 ug/ml
17) T n-Tricontane (C30)	17.774	2540328	18.392 ug/ml
18) T n-Dotriacontane (C32)	18.604	2094804	19.084 ug/ml
19) T n-Tetratriacontane (C34)	19.385	1553552	20.127 ug/ml
20) T n-Hexatriacontane (C36)	20.123	1163098	20.601 ug/ml
21) T n-Octatriacontane (C38)	20.865	1005593	21.676 ug/ml
22) T n-Tetracontane (C40)	21.795	927285	22.108 ug/ml

(f)=RT Delta > 1/2 Window

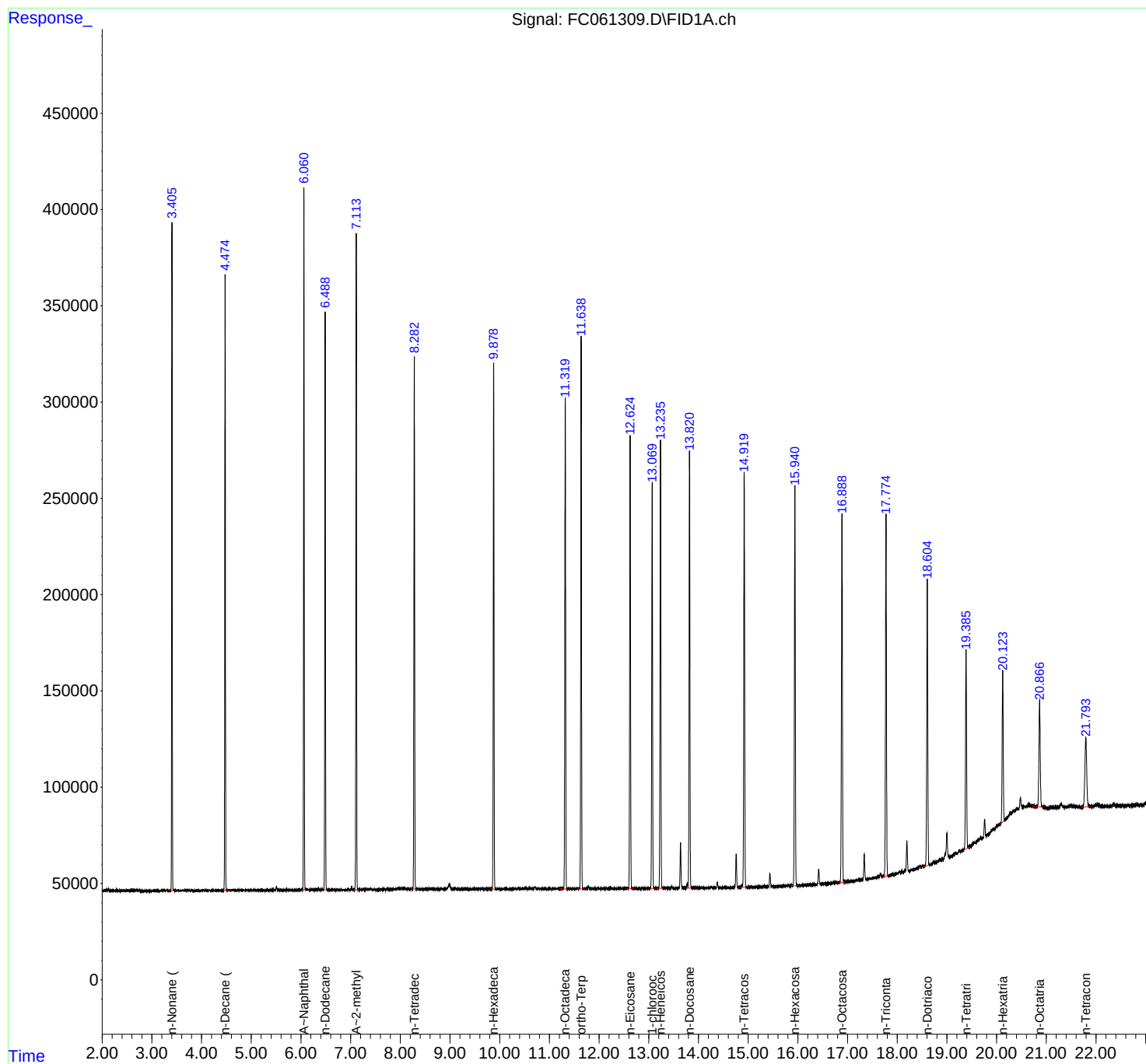
(m)=manual int.

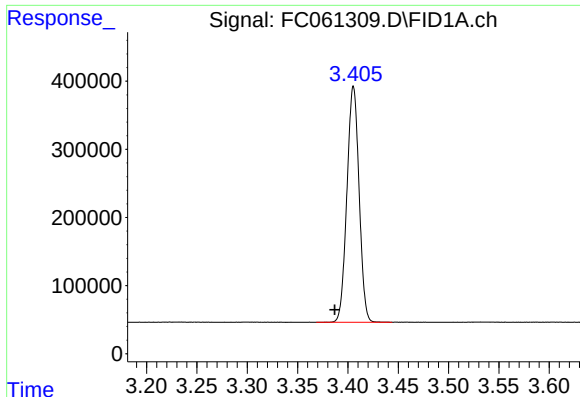
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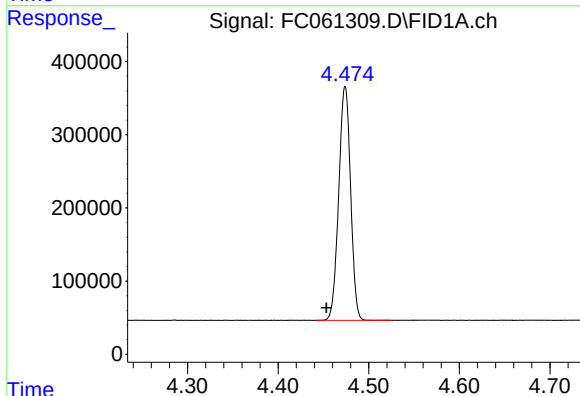




#1 n-Nonane (C9)

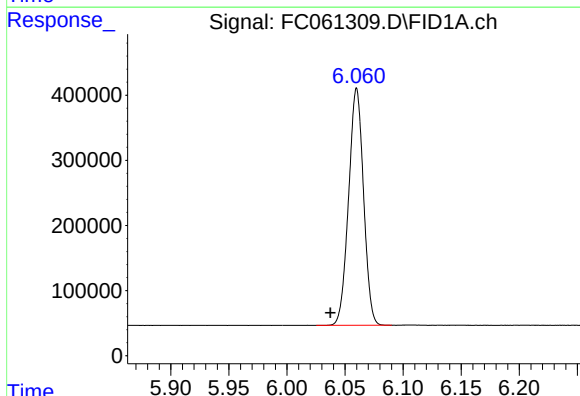
R.T.: 3.406 min
Delta R.T.: 0.018 min
Response: 2909433
Conc: 19.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



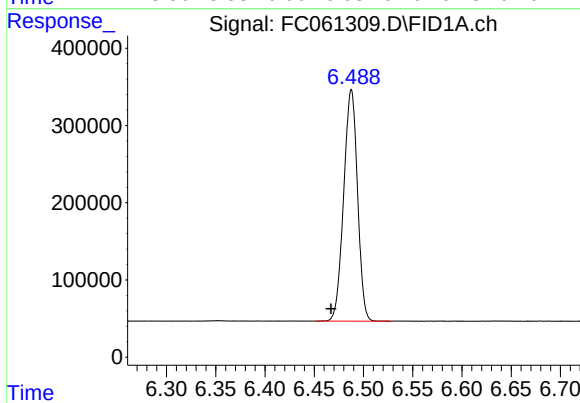
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.021 min
Response: 2912050
Conc: 19.19 ug/ml



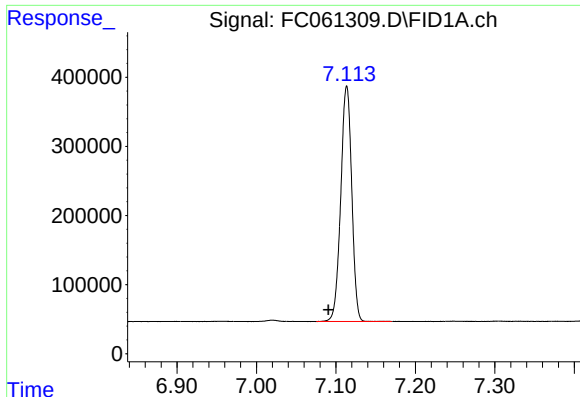
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: 0.022 min
Response: 3253549
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

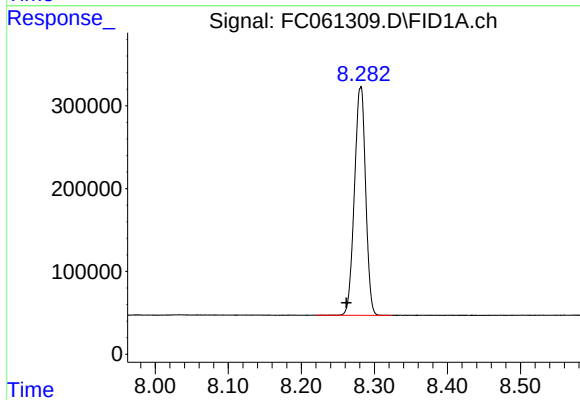
R.T.: 6.488 min
Delta R.T.: 0.020 min
Response: 2930836
Conc: 18.92 ug/ml



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

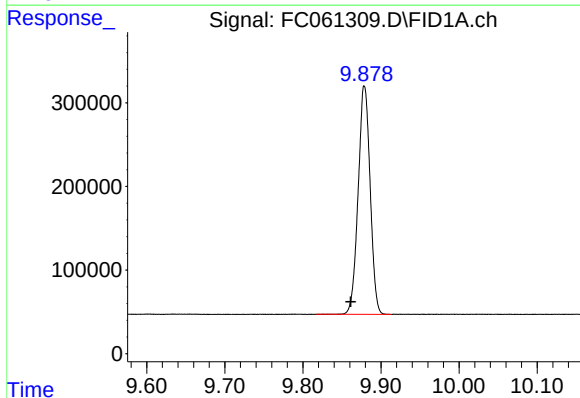
R.T.: 7.114 min
Delta R.T.: 0.023 min
Response: 3276548
Conc: 18.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



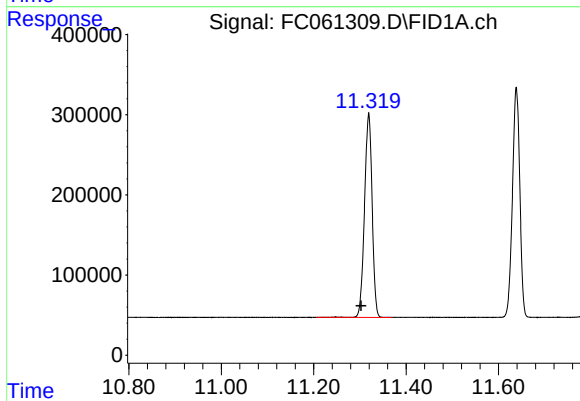
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: 0.019 min
Response: 2937242
Conc: 18.78 ug/ml



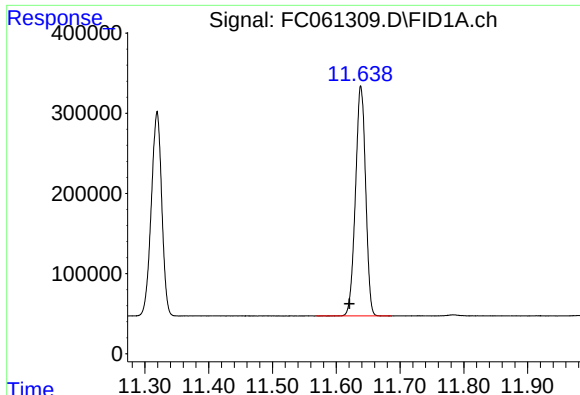
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: 0.018 min
Response: 2915766
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

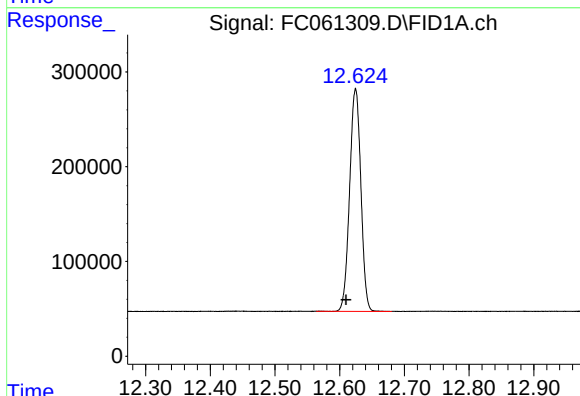
R.T.: 11.319 min
Delta R.T.: 0.017 min
Response: 2912424
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

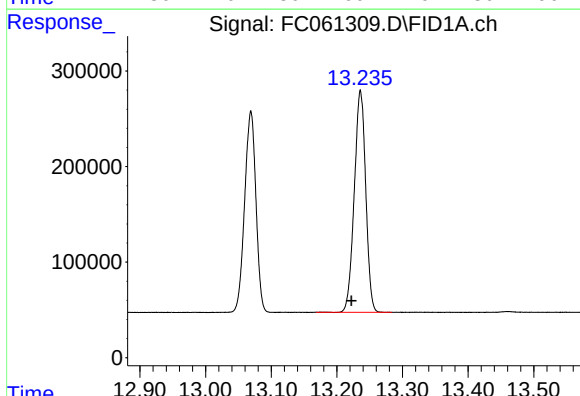
R.T.: 11.639 min
Delta R.T.: 0.018 min
Response: 3171478
Conc: 17.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



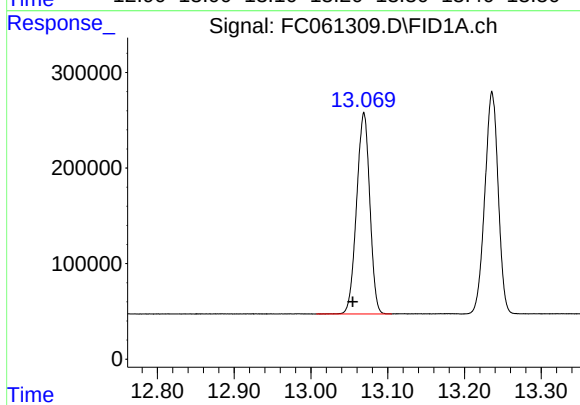
#10 n-Eicosane (C20)

R.T.: 12.625 min
Delta R.T.: 0.014 min
Response: 2834987
Conc: 18.24 ug/ml



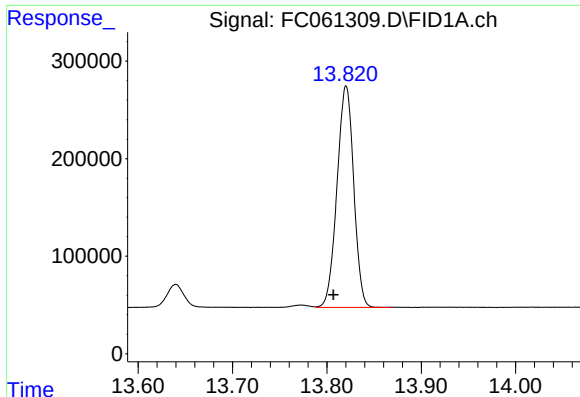
#11 n-Heneicosane (C21)

R.T.: 13.236 min
Delta R.T.: 0.014 min
Response: 2812983
Conc: 17.98 ug/ml



#12 1-chlorooctadecane (SURR)

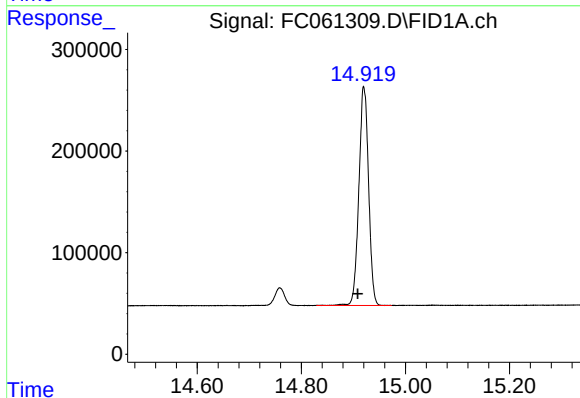
R.T.: 13.069 min
Delta R.T.: 0.015 min
Response: 2517398
Conc: 17.97 ug/ml



#13 n-Docosane (C22)

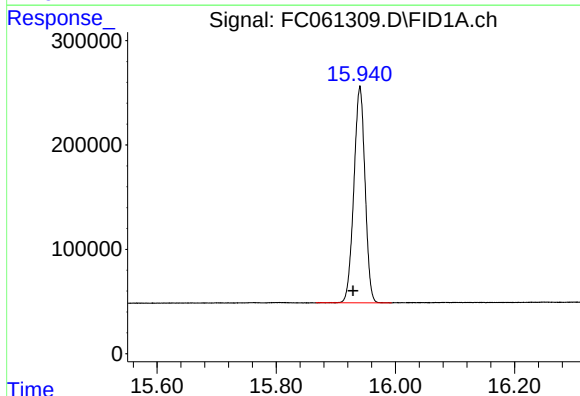
R.T.: 13.820 min
Delta R.T.: 0.013 min
Response: 2791258
Conc: 17.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



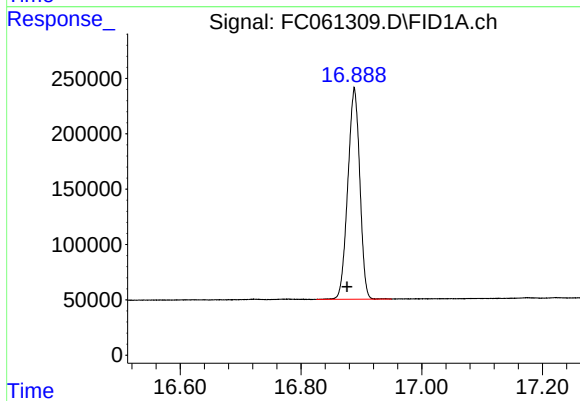
#14 n-Tetracosane (C24)

R.T.: 14.920 min
Delta R.T.: 0.012 min
Response: 2787016
Conc: 18.02 ug/ml



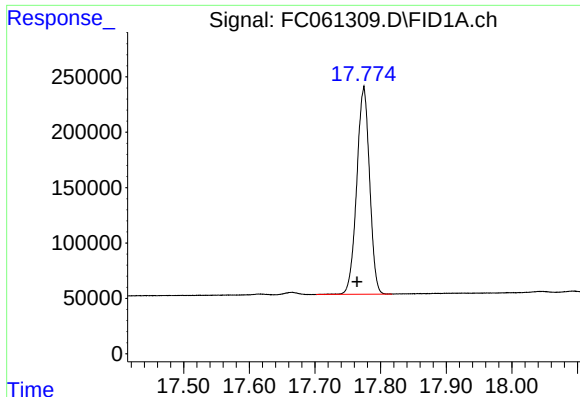
#15 n-Hexacosane (C26)

R.T.: 15.940 min
Delta R.T.: 0.011 min
Response: 2696490
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

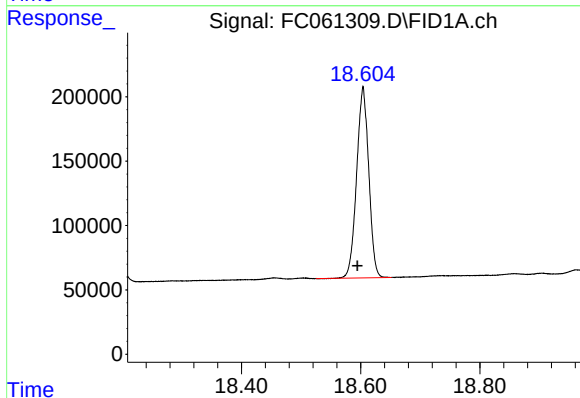
R.T.: 16.888 min
Delta R.T.: 0.012 min
Response: 2633950
Conc: 17.83 ug/ml



#17 n-Tricontane (C30)

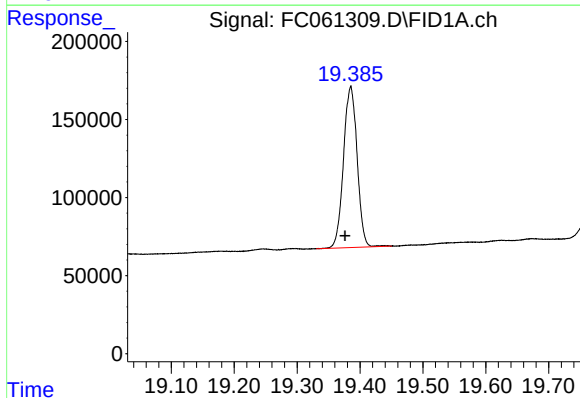
R.T.: 17.774 min
Delta R.T.: 0.010 min
Response: 2540328
Conc: 18.39 ug/ml

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20 PPM ALIPHATIC HC STD



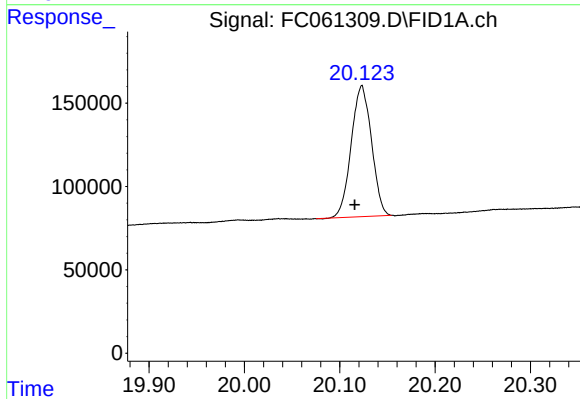
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: 0.009 min
Response: 2094804
Conc: 19.08 ug/ml



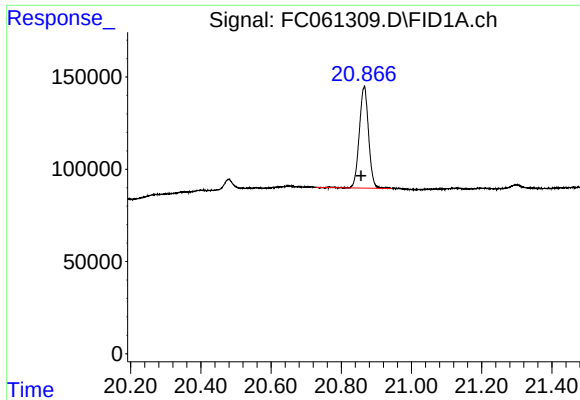
#19 n-Tetratriacontane (C34)

R.T.: 19.385 min
Delta R.T.: 0.009 min
Response: 1553552
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

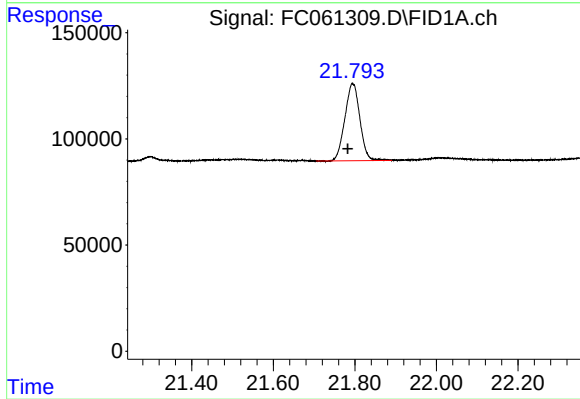
R.T.: 20.123 min
Delta R.T.: 0.007 min
Response: 1163098
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: 0.009 min
Response: 1005593
Conc: 21.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.795 min
Delta R.T.: 0.012 min
Response: 927285
Conc: 22.11 ug/ml