

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091222AL\
 Data File : FC061472.D
 Signal(s) : FID1A.ch
 Acq On : 12 Sep 2022 11:59
 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 13 06:16:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.575	3092611	17.470 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
12) S 1-chlorooctadecane (S...	13.013	2446195	17.467 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
Target Compounds			
1) T n-Nonane (C9)	3.331	2722626	18.008 ug/ml
2) T n-Decane (C10)	4.399	2865830	18.887 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3217316	18.586 ug/ml
4) T n-Dodecane (C12)	6.417	2905903	18.763 ug/ml
5) T A~2-methylnaphthalene...	7.040	3258227	18.504 ug/ml
6) T n-Tetradecane (C14)	8.215	2910213	18.606 ug/ml
7) T n-Hexadecane (C16)	9.817	2893433	18.473 ug/ml
8) T n-Octadecane (C18)	11.259	2878720	18.247 ug/ml
10) T n-Eicosane (C20)	12.569	2790040	17.947 ug/ml
11) T n-Heneicosane (C21)	13.180	2744716	17.547 ug/ml
13) T n-Docosane (C22)	13.766	2729087	17.587 ug/ml
14) T n-Tetracosane (C24)	14.869	2725531	17.618 ug/ml
15) T n-Hexacosane (C26)	15.889	2637962	17.528 ug/ml
16) T n-Octacosane (C28)	16.839	2671119	18.084 ug/ml
17) T n-Tricontane (C30)	17.725	2794549	20.233 ug/ml
18) T n-Dotriacontane (C32)	18.557	2489707	22.682 ug/ml
19) T n-Tetratriacontane (C34)	19.340	1846113	23.917 ug/ml
20) T n-Hexatriacontane (C36)	20.080	1374570	24.347 ug/ml
21) T n-Octatriacontane (C38)	20.813	1145469	24.691 ug/ml
22) T n-Tetracontane (C40)	21.723	1033300	24.635 ug/ml

(f)=RT Delta > 1/2 Window

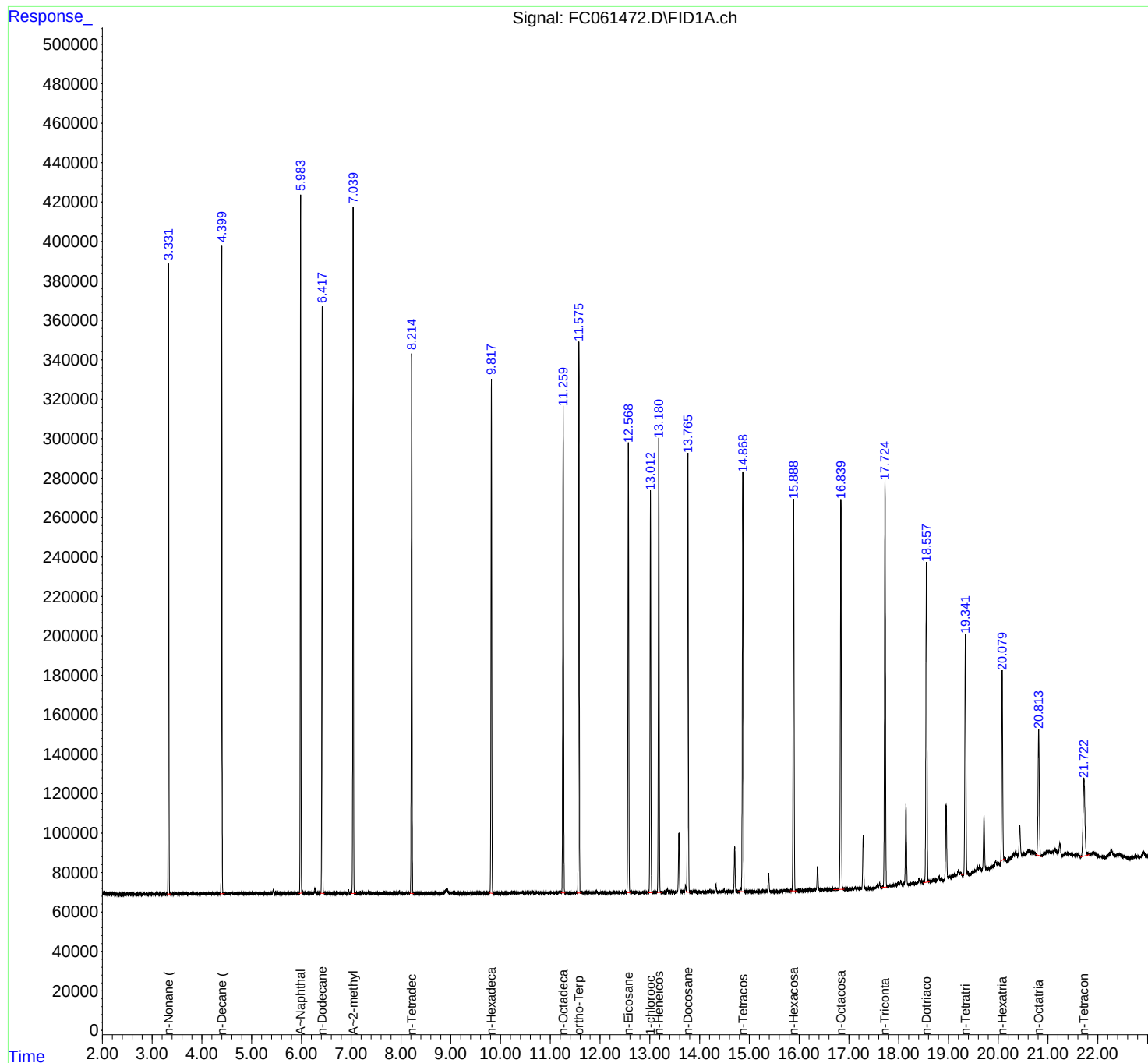
(m)=manual int.

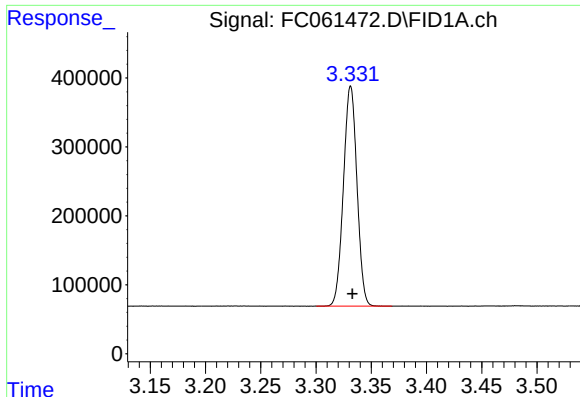
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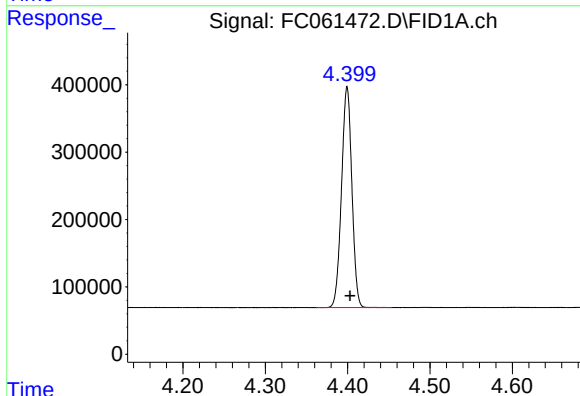




#1 n-Nonane (C9)

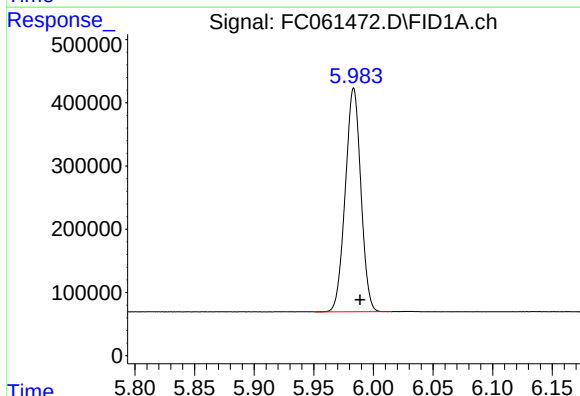
R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 2722626
Conc: 18.01 ug/ml

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20 PPM ALIPHATIC HC STD



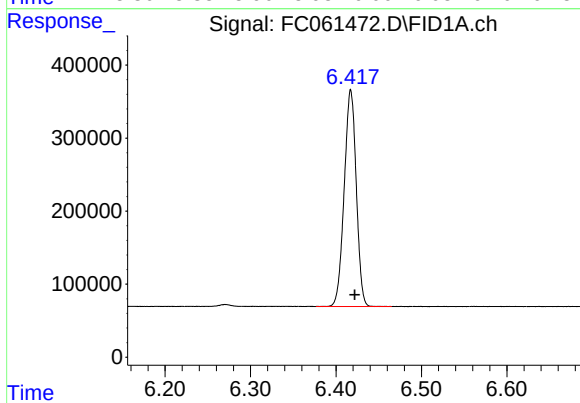
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.004 min
Response: 2865830
Conc: 18.89 ug/ml



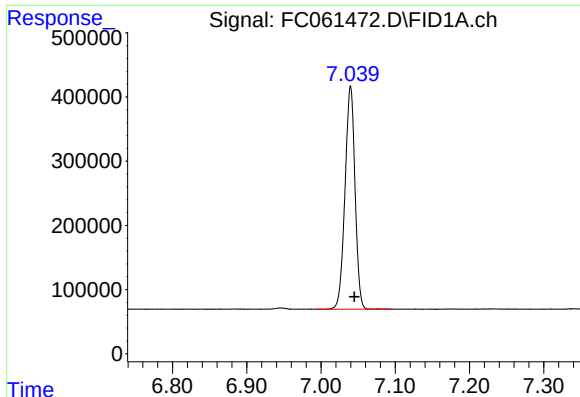
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.005 min
Response: 3217316
Conc: 18.59 ug/ml



#4 n-Dodecane (C12)

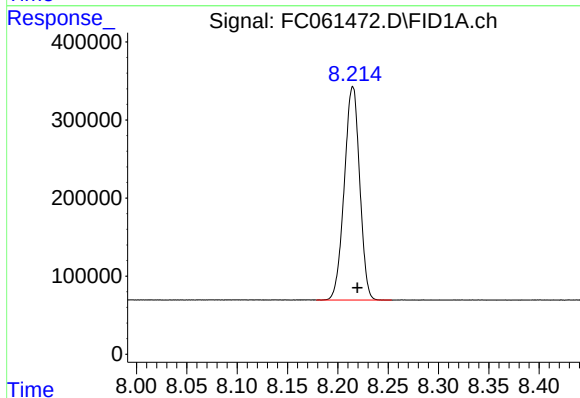
R.T.: 6.417 min
Delta R.T.: -0.005 min
Response: 2905903
Conc: 18.76 ug/ml



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

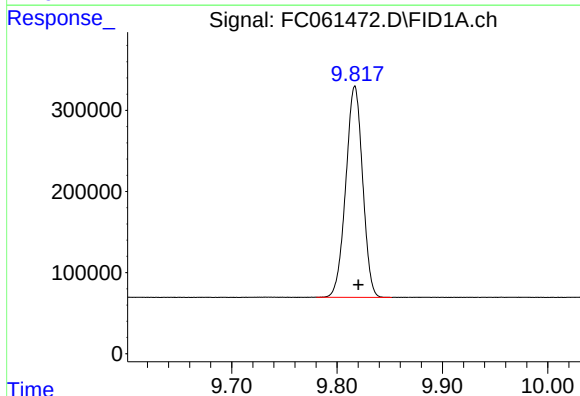
R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 3258227
Conc: 18.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



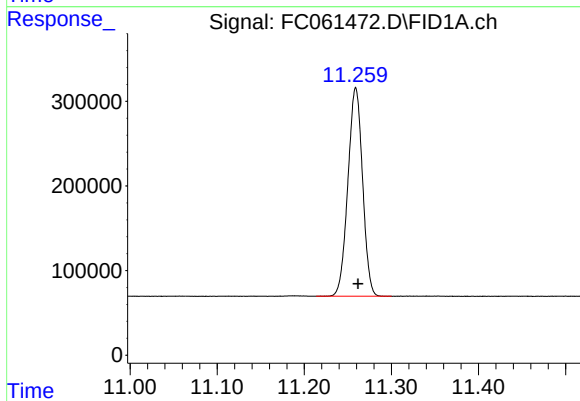
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 2910213
Conc: 18.61 ug/ml



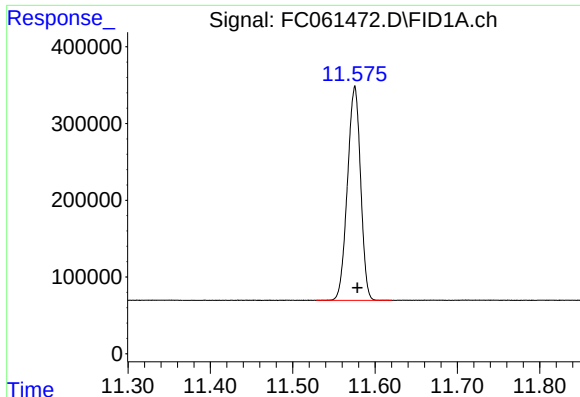
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.003 min
Response: 2893433
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

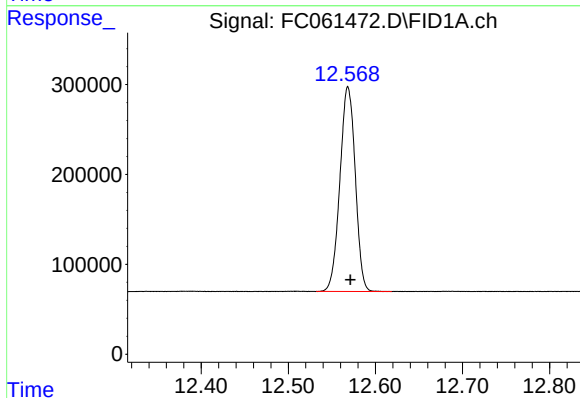
R.T.: 11.259 min
Delta R.T.: -0.003 min
Response: 2878720
Conc: 18.25 ug/ml



#9 ortho-Terphenyl (SURR)

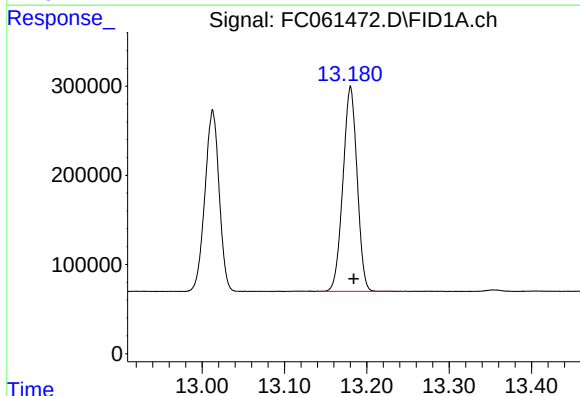
R.T.: 11.575 min
Delta R.T.: -0.003 min
Response: 3092611
Conc: 17.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



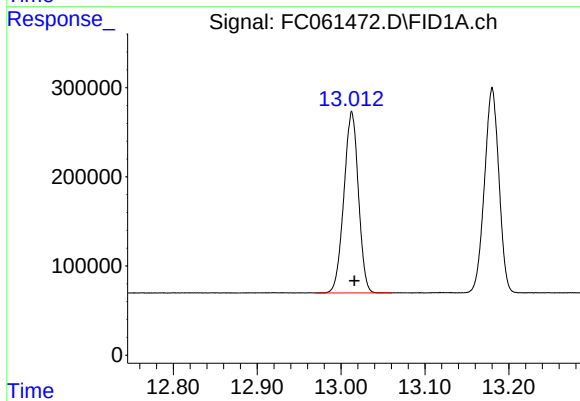
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.003 min
Response: 2790040
Conc: 17.95 ug/ml



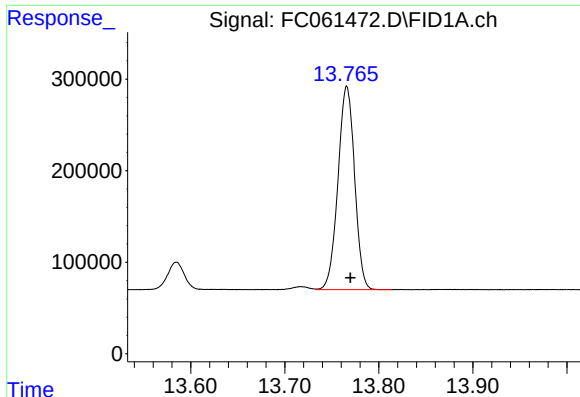
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.004 min
Response: 2744716
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

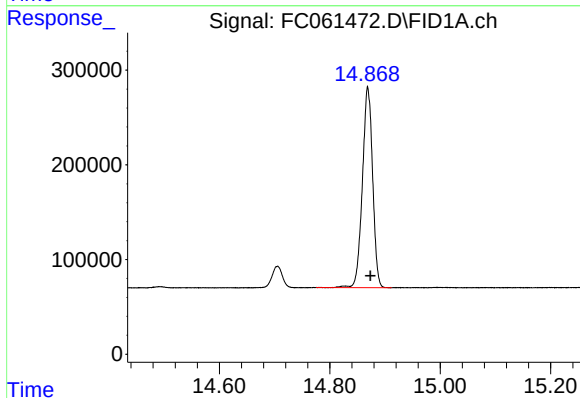
R.T.: 13.013 min
Delta R.T.: -0.003 min
Response: 2446195
Conc: 17.47 ug/ml



#13 n-Docosane (C22)

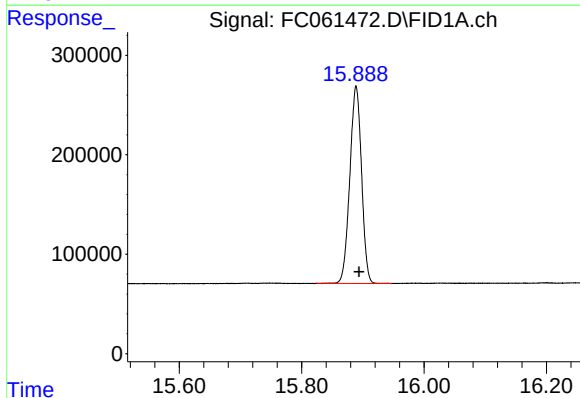
R.T.: 13.766 min
Delta R.T.: -0.004 min
Response: 2729087
Conc: 17.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



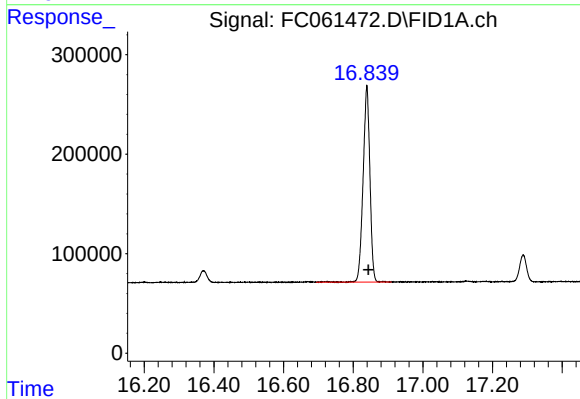
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: -0.005 min
Response: 2725531
Conc: 17.62 ug/ml



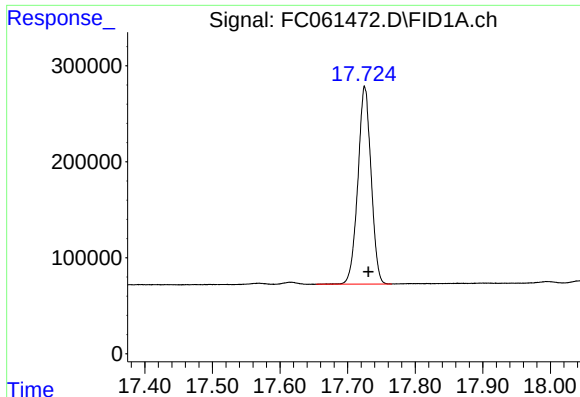
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: -0.005 min
Response: 2637962
Conc: 17.53 ug/ml



#16 n-Octacosane (C28)

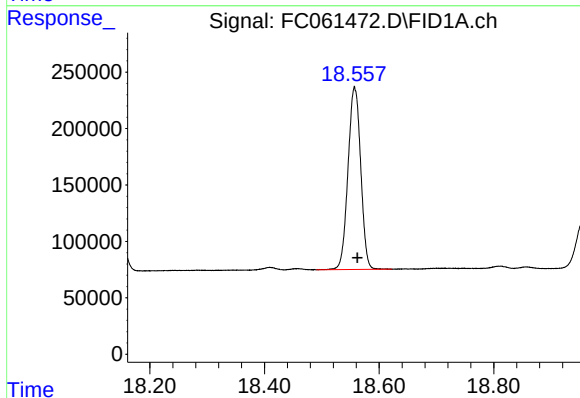
R.T.: 16.839 min
Delta R.T.: -0.004 min
Response: 2671119
Conc: 18.08 ug/ml



#17 n-Tricontane (C30)

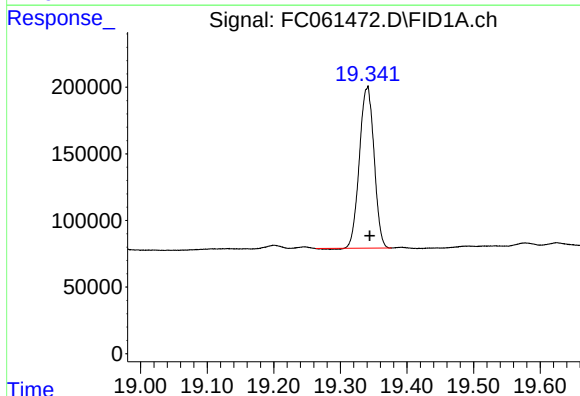
R.T.: 17.725 min
Delta R.T.: -0.005 min
Response: 2794549
Conc: 20.23 ug/ml

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20 PPM ALIPHATIC HC STD



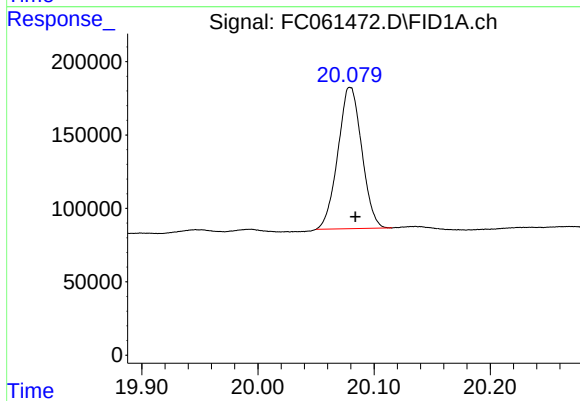
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: -0.005 min
Response: 2489707
Conc: 22.68 ug/ml



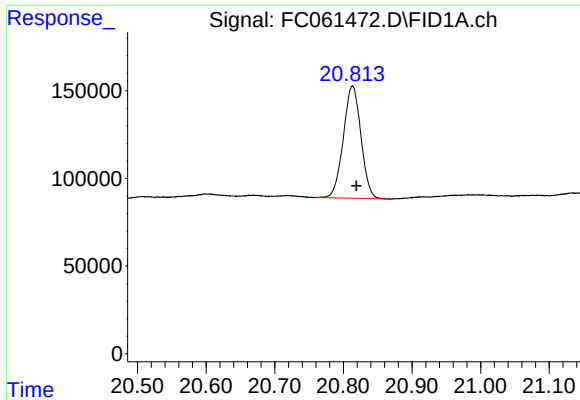
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.004 min
Response: 1846113
Conc: 23.92 ug/ml



#20 n-Hexatriacontane (C36)

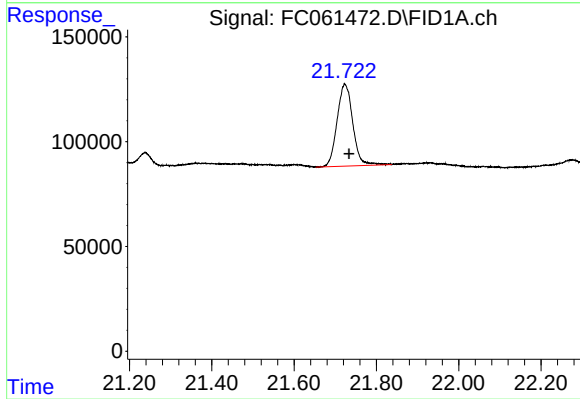
R.T.: 20.080 min
Delta R.T.: -0.004 min
Response: 1374570
Conc: 24.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: -0.006 min
Response: 1145469
Conc: 24.69 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.010 min
Response: 1033300
Conc: 24.64 ug/ml