

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120922AL\
 Data File : FC062388.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2022 21:35
 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: Dec 11 03:53:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 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	2875884	20.387 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.011	2150222	20.174 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.323	2635714	20.493 ug/ml
2) T n-Decane (C10)	4.391	2581137	20.749 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2945191	20.755 ug/ml
4) T n-Dodecane (C12)	6.414	2587169	20.655 ug/ml
5) T A~2-methylnaphthalene...	7.037	2754429	21.422 ug/ml
6) T n-Tetradecane (C14)	8.212	2575261	21.146 ug/ml
7) T n-Hexadecane (C16)	9.813	2602650	20.736 ug/ml
8) T n-Octadecane (C18)	11.258	2620848	20.515 ug/ml
10) T n-Eicosane (C20)	12.567	2516605	20.231 ug/ml
11) T n-Heneicosane (C21)	13.178	2511695	20.325 ug/ml
13) T n-Docosane (C22)	13.765	2473433	20.362 ug/ml
14) T n-Tetracosane (C24)	14.867	2430368	20.276 ug/ml
15) T n-Hexacosane (C26)	15.886	2366013	20.367 ug/ml
16) T n-Octacosane (C28)	16.836	2320654	20.418 ug/ml
17) T n-Tricontane (C30)	17.721	2292202	20.503 ug/ml
18) T n-Dotriacontane (C32)	18.552	2285788	20.571 ug/ml
19) T n-Tetratriacontane (C34)	19.333	2226495	20.581 ug/ml
20) T n-Hexatriacontane (C36)	20.073	2104408	20.728 ug/ml
21) T n-Octatriacontane (C38)	20.809	2090965	20.438 ug/ml
22) T n-Tetracontane (C40)	21.720	2073650	20.461 ug/ml

(f)=RT Delta > 1/2 Window

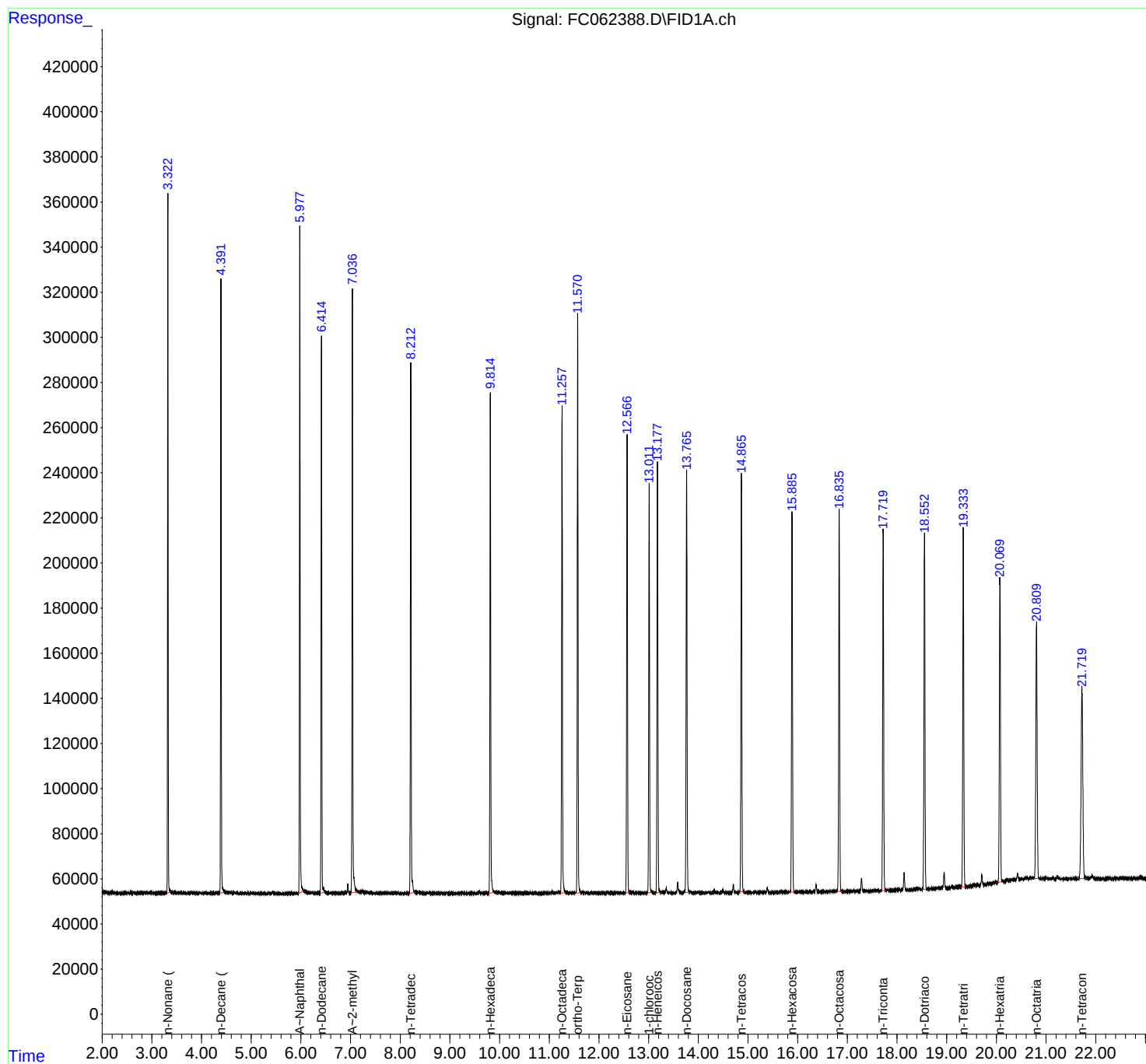
(m)=manual int.

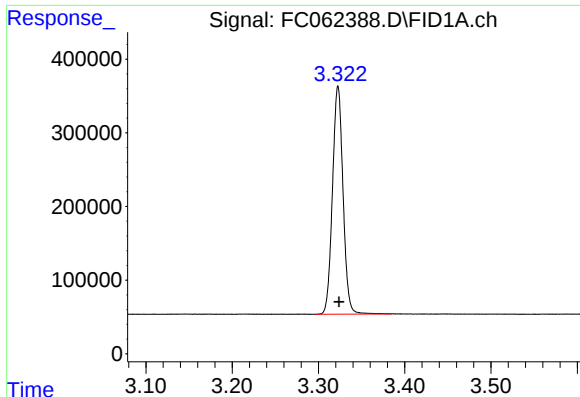
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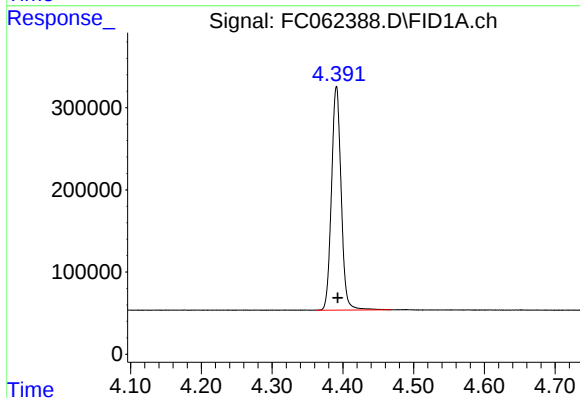




#1 n-Nonane (C9)

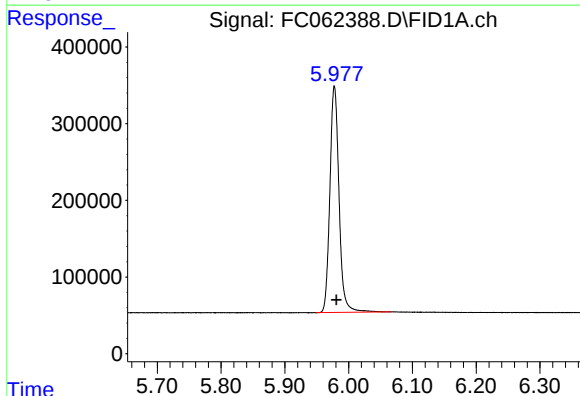
R.T.: 3.323 min
Delta R.T.: -0.001 min
Response: 2635714
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



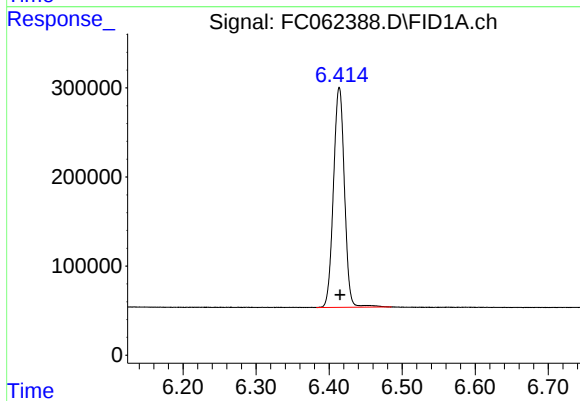
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 2581137
Conc: 20.75 ug/ml



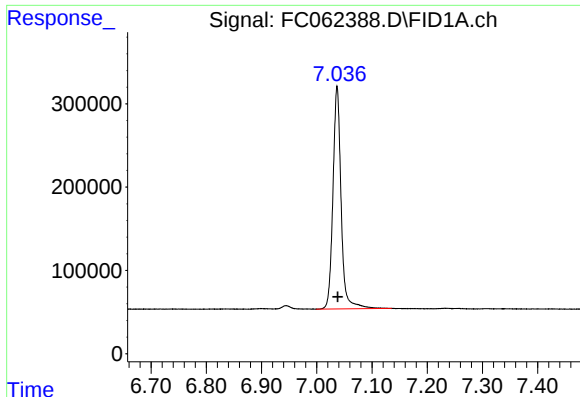
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2945191
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

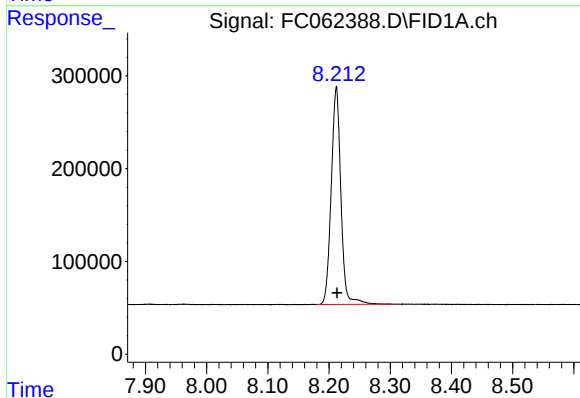
R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 2587169
Conc: 20.65 ug/ml



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

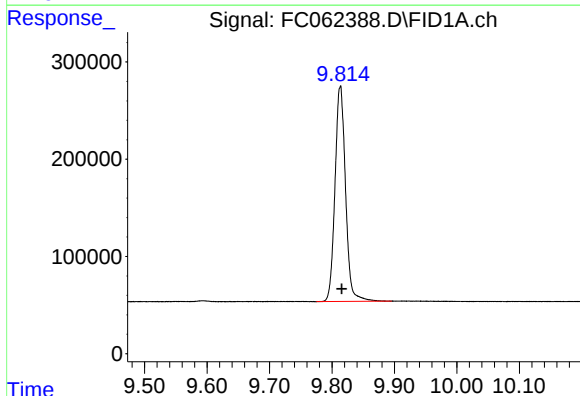
R.T.: 7.037 min
Delta R.T.: -0.001 min
Response: 2754429
Conc: 21.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



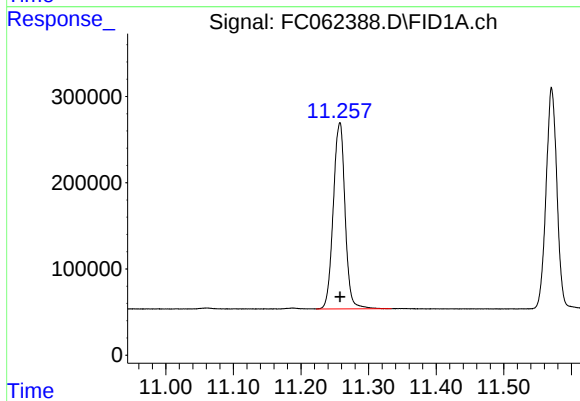
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 2575261
Conc: 21.15 ug/ml



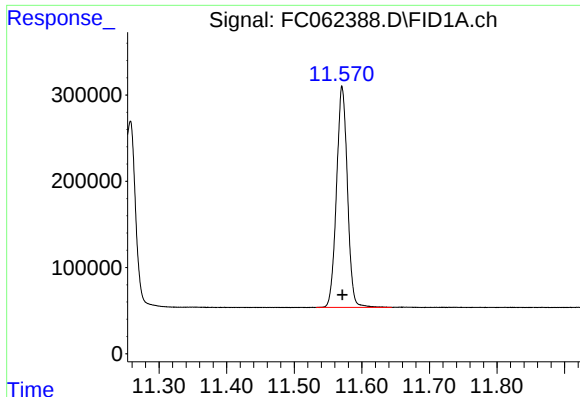
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.003 min
Response: 2602650
Conc: 20.74 ug/ml



#8 n-Octadecane (C18)

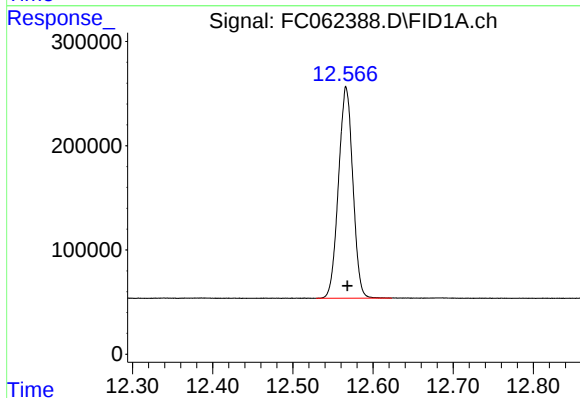
R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 2620848
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

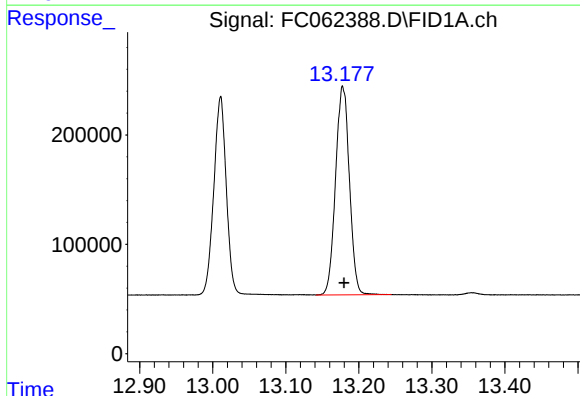
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 2875884
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



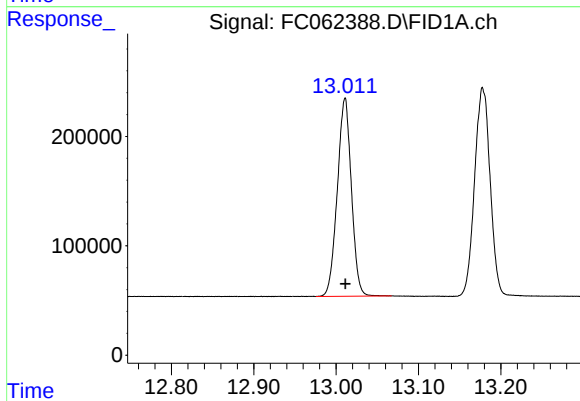
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.001 min
Response: 2516605
Conc: 20.23 ug/ml



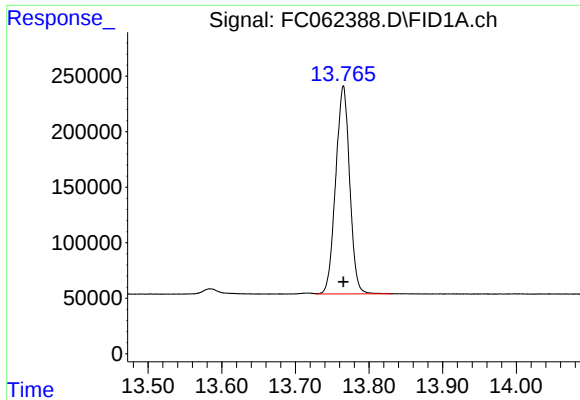
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.002 min
Response: 2511695
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

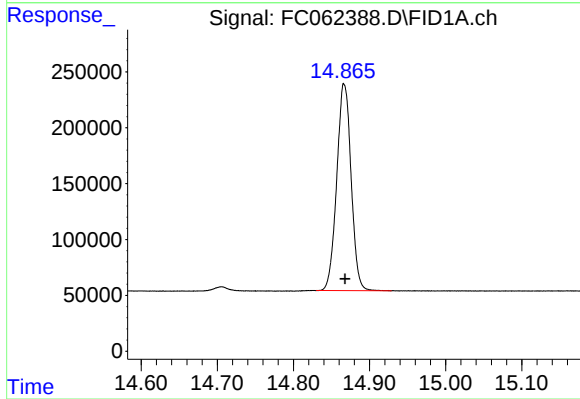
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2150222
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

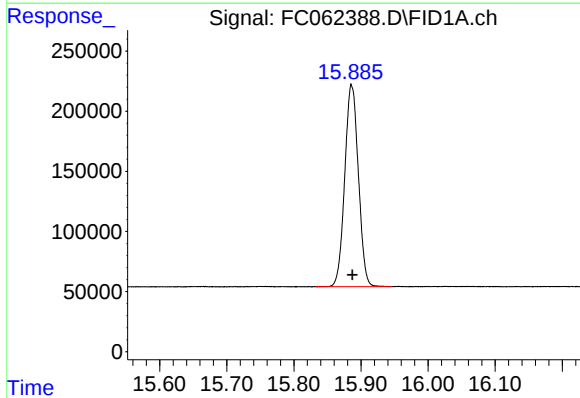
R.T.: 13.765 min
Delta R.T.: 0.000 min
Response: 2473433
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



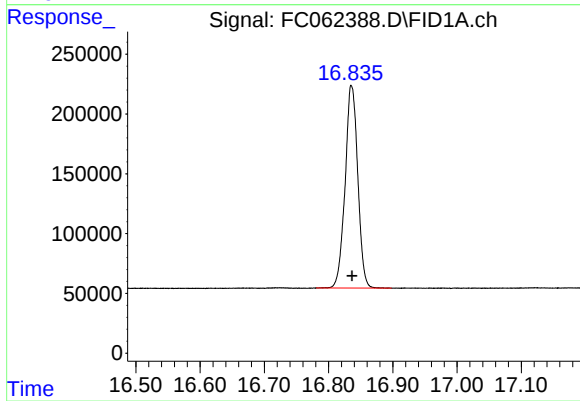
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.001 min
Response: 2430368
Conc: 20.28 ug/ml



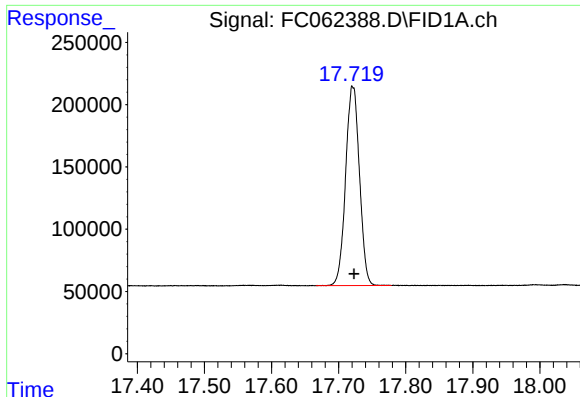
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.000 min
Response: 2366013
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

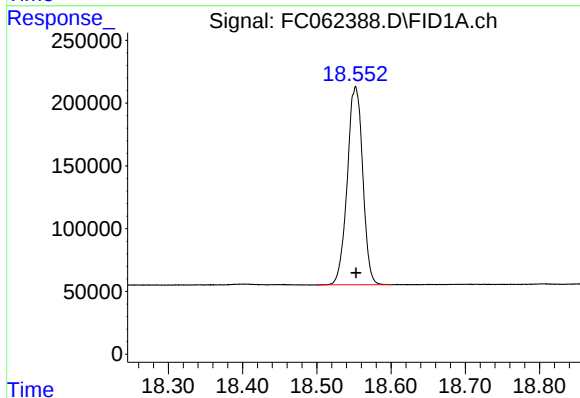
R.T.: 16.836 min
Delta R.T.: 0.000 min
Response: 2320654
Conc: 20.42 ug/ml



#17 n-Tricontane (C30)

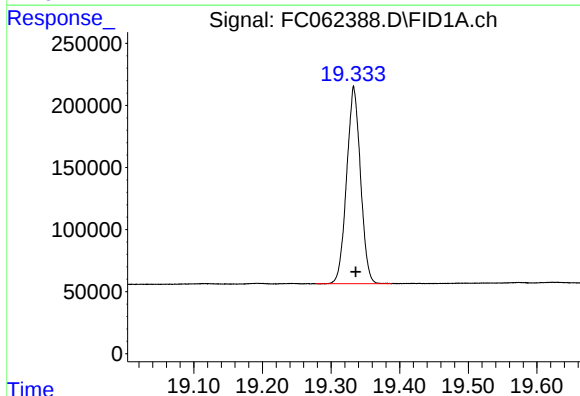
R.T.: 17.721 min
Delta R.T.: -0.002 min
Response: 2292202
Conc: 20.50 ug/ml

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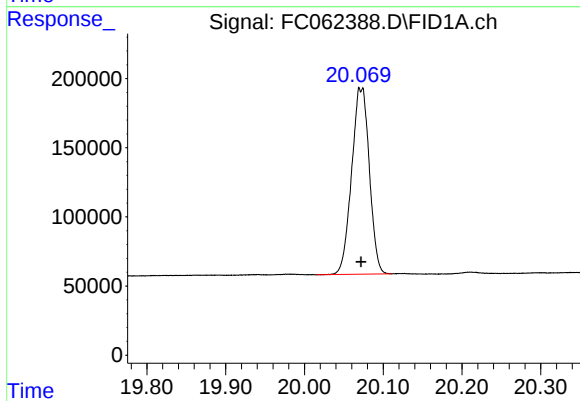
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.000 min
Response: 2285788
Conc: 20.57 ug/ml



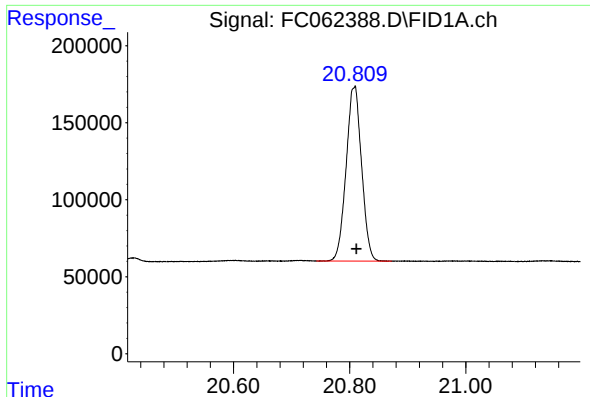
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.003 min
Response: 2226495
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

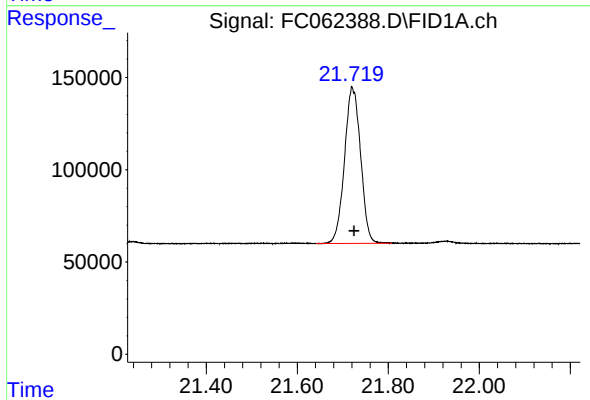
R.T.: 20.073 min
Delta R.T.: 0.000 min
Response: 2104408
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.003 min
Response: 2090965
Conc: 20.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.005 min
Response: 2073650
Conc: 20.46 ug/ml