

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051723AL\
 Data File : FC063637.D
 Signal(s) : FID1A.ch
 Acq On : 18 May 2023 14:52
 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: May 18 16:35:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 2023
 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)	11.526	3735670	19.938 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	12.961	2638452	20.149 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.304	3305832	20.648 ug/ml
2) T n-Decane (C10)	4.366	3353030	20.721 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3499576	20.612 ug/ml
4) T n-Dodecane (C12)	6.382	3338416	20.508 ug/ml
5) T A~2-methylnaphthalene...	7.004	3340143	20.651 ug/ml
6) T n-Tetradecane (C14)	8.175	3225323	20.422 ug/ml
7) T n-Hexadecane (C16)	9.774	3240469	20.199 ug/ml
8) T n-Octadecane (C18)	11.212	3249400	20.289 ug/ml
10) T n-Eicosane (C20)	12.518	3056189	20.144 ug/ml
11) T n-Heneicosane (C21)	13.129	2975525	20.304 ug/ml
13) T n-Docosane (C22)	13.713	2917753	20.220 ug/ml
14) T n-Tetracosane (C24)	14.813	2847849	20.246 ug/ml
15) T n-Hexacosane (C26)	15.829	2757297	20.190 ug/ml
16) T n-Octacosane (C28)	16.777	2686207	20.309 ug/ml
17) T n-Tricontane (C30)	17.660	2768414	20.589 ug/ml
18) T n-Dotriacontane (C32)	18.490	2741726	20.534 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2663047	20.515 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2539998	20.511 ug/ml
21) T n-Octatriacontane (C38)	20.734	2549620	20.404 ug/ml
22) T n-Tetracontane (C40)	21.625	2528245	20.566 ug/ml

(f)=RT Delta > 1/2 Window

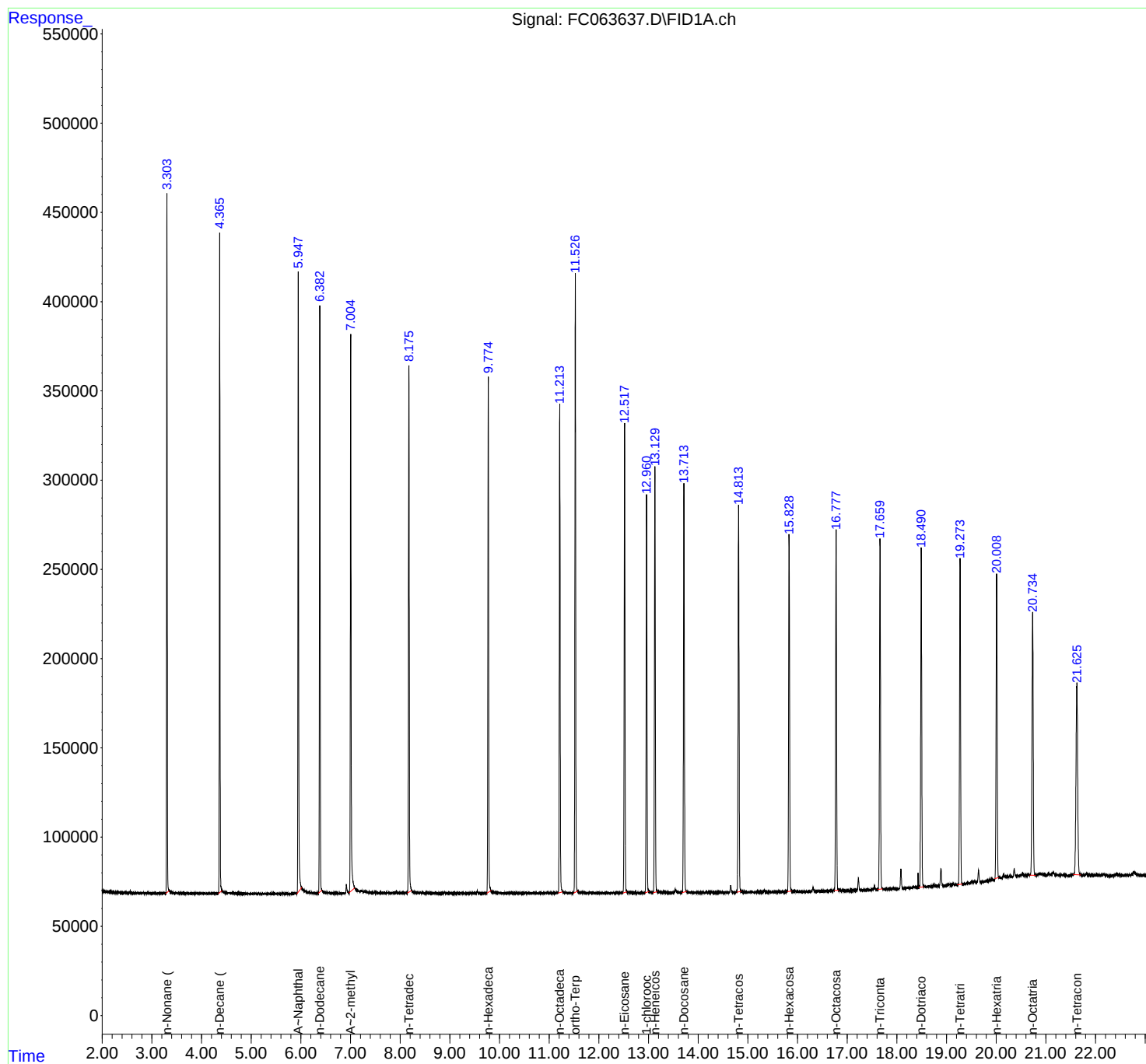
(m)=manual int.

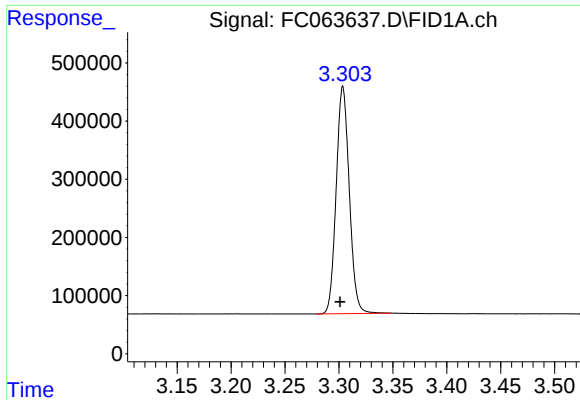
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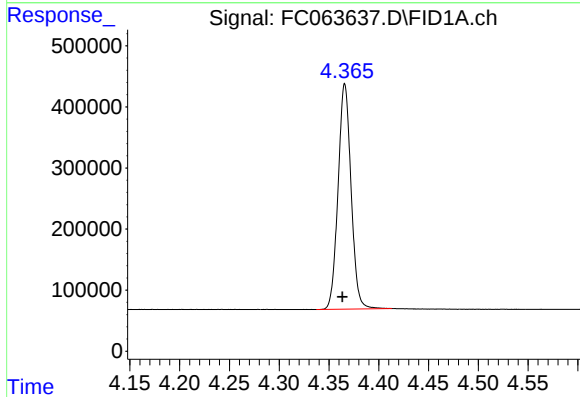




#1 n-Nonane (C9)

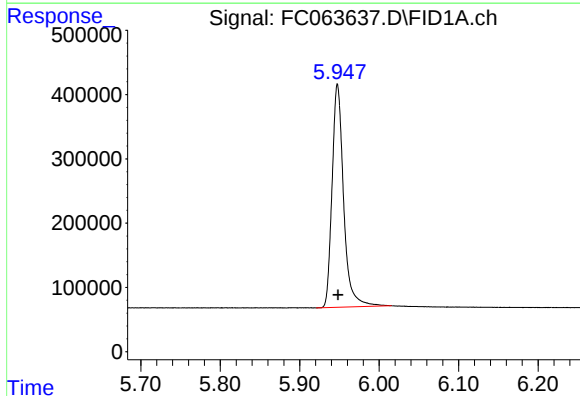
R.T.: 3.304 min
Delta R.T.: 0.003 min
Response: 3305832
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



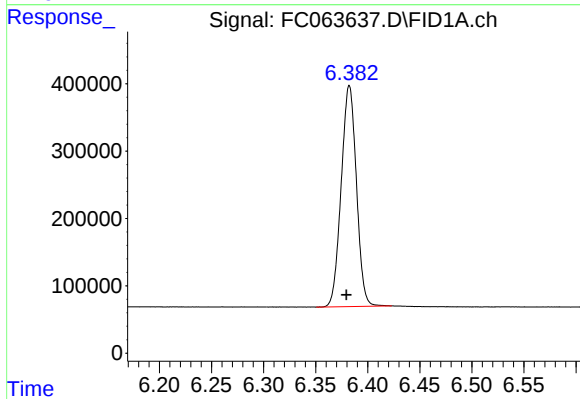
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 3353030
Conc: 20.72 ug/ml



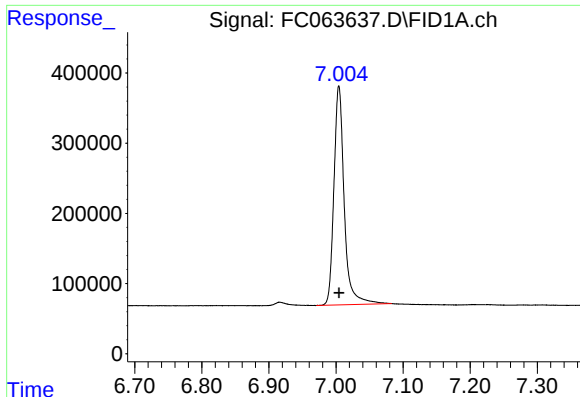
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3499576
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

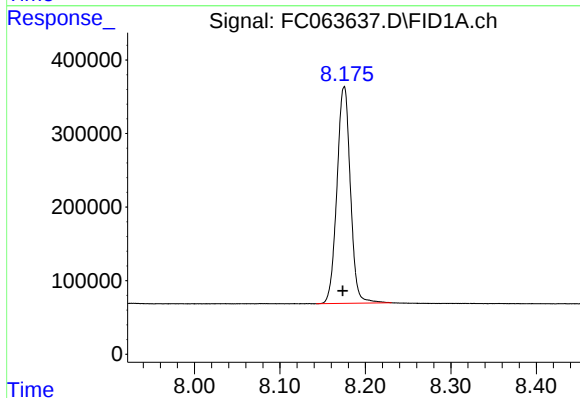
R.T.: 6.382 min
Delta R.T.: 0.003 min
Response: 3338416
Conc: 20.51 ug/ml



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

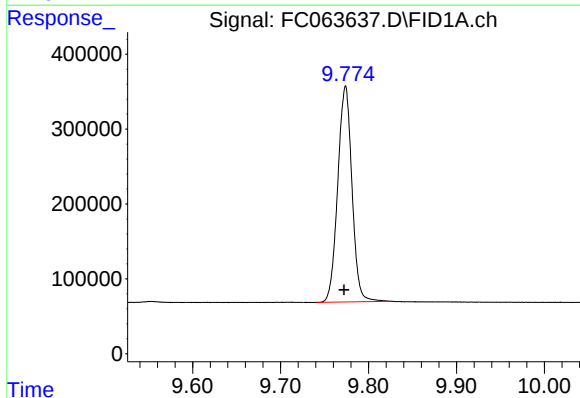
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 3340143
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



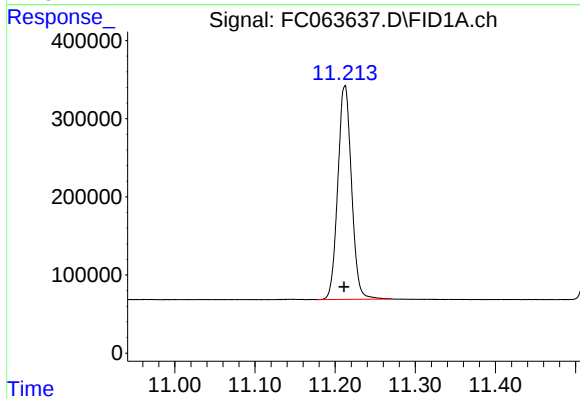
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.002 min
Response: 3225323
Conc: 20.42 ug/ml



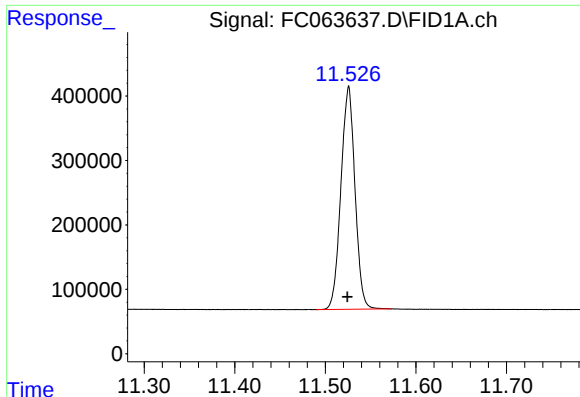
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.002 min
Response: 3240469
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

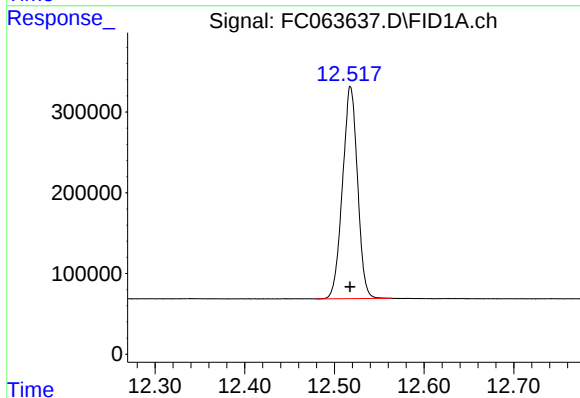
R.T.: 11.212 min
Delta R.T.: 0.001 min
Response: 3249400
Conc: 20.29 ug/ml



#9 ortho-Terphenyl (SURR)

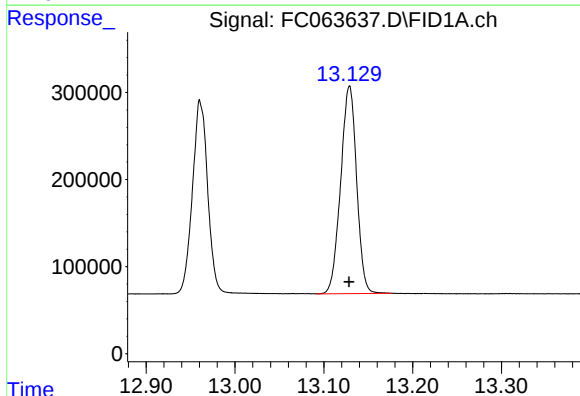
R.T.: 11.526 min
Delta R.T.: 0.001 min
Response: 3735670
Conc: 19.94 ug/ml

Instrument :
FID_C
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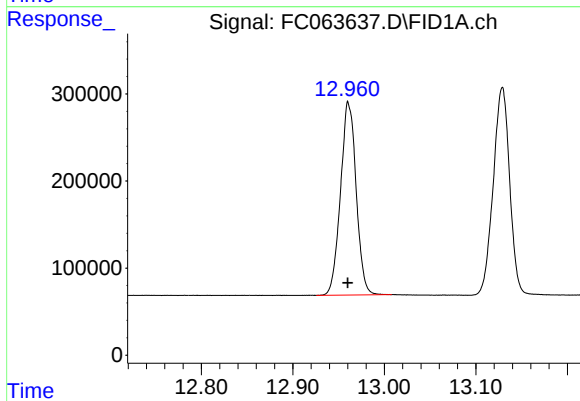
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 3056189
Conc: 20.14 ug/ml



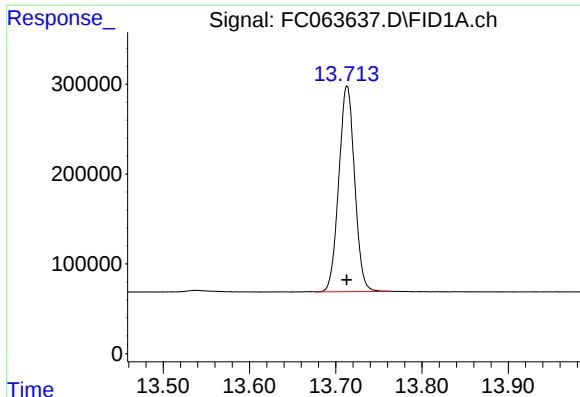
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 2975525
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

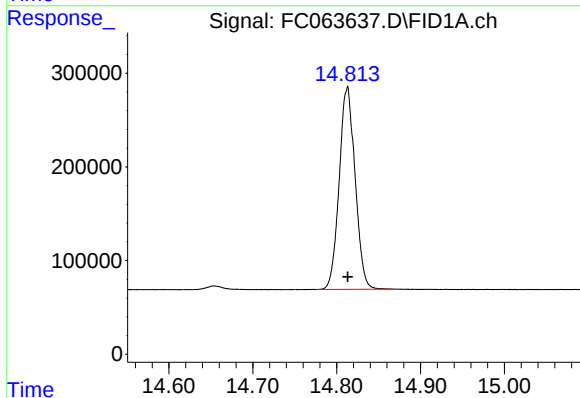
R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2638452
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

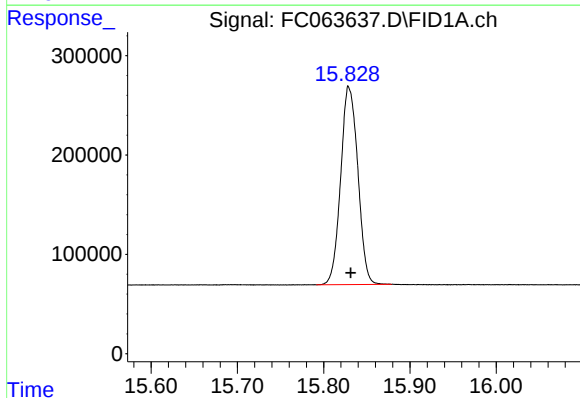
R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 2917753
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



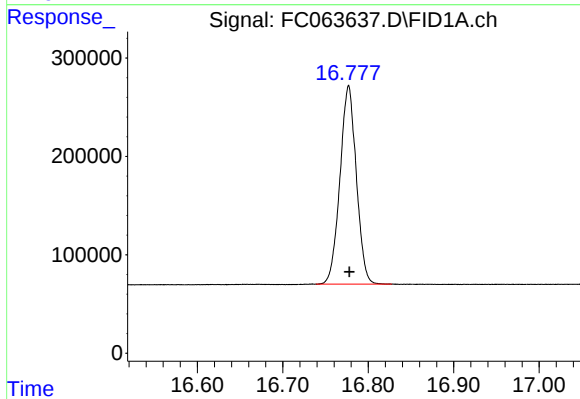
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: 0.000 min
Response: 2847849
Conc: 20.25 ug/ml



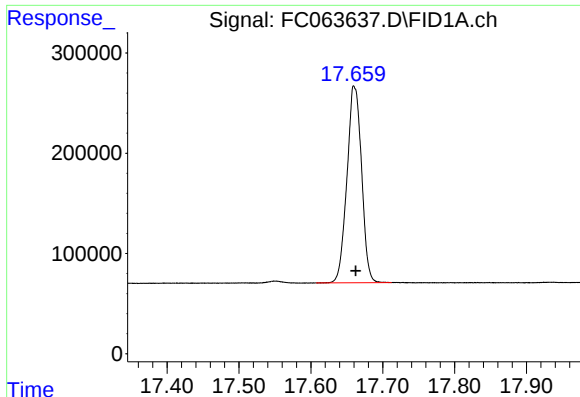
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.002 min
Response: 2757297
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

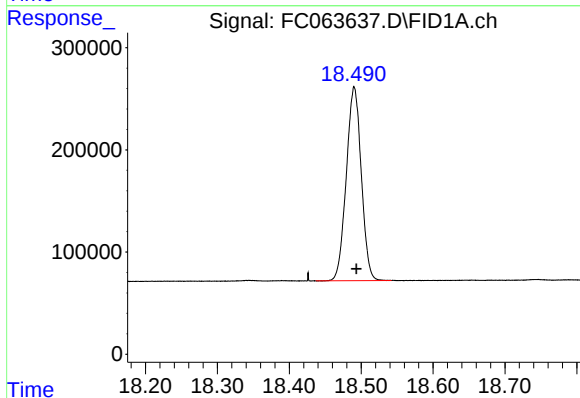
R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 2686207
Conc: 20.31 ug/ml



#17 n-Tricontane (C30)

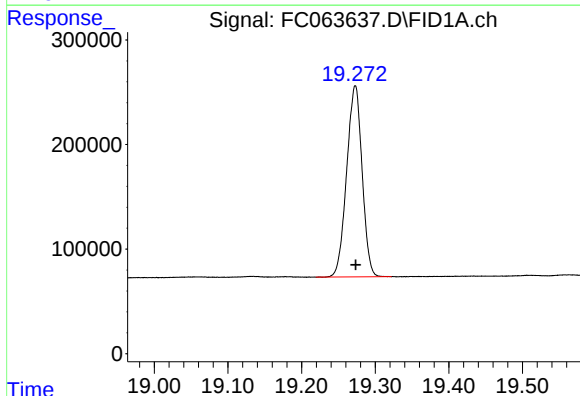
R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 2768414
Conc: 20.59 ug/ml

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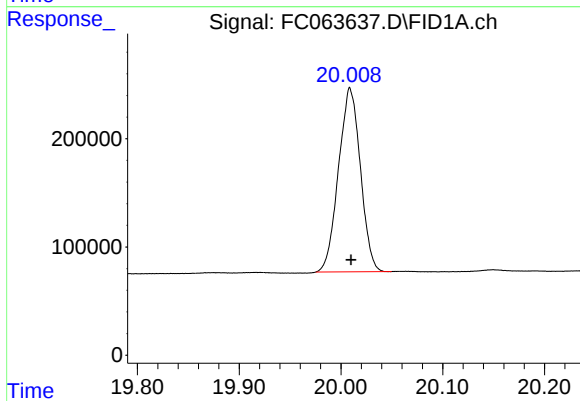
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.003 min
Response: 2741726
Conc: 20.53 ug/ml



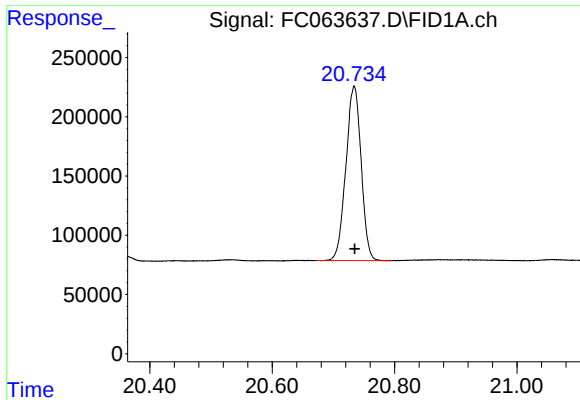
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.000 min
Response: 2663047
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

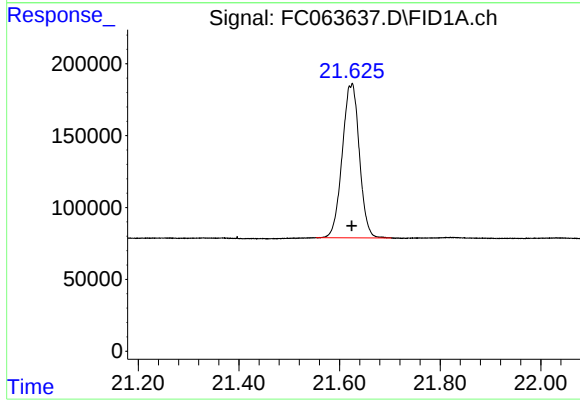
R.T.: 20.009 min
Delta R.T.: -0.001 min
Response: 2539998
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.001 min
Response: 2549620
Conc: 20.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.625 min
Delta R.T.: 0.001 min
Response: 2528245
Conc: 20.57 ug/ml