

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
 Data File : FC062405.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2022 21:58
 Operator : YP/AJ
 Sample : ALIPHATIC CARTRIDGES CHECK4
 Misc : LOT # M04998 E3445
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ALIPHATIC CARTRIDGES CHECK4

Integration File: autoint1.e
 Quant Time: Dec 13 03:17:41 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			
12) S 1-chlorooctadecane (S...	13.013	4018365	37.701 ug/ml
Spiked Amount 50.000		Recovery =	75.40%
Target Compounds			
1) T n-Nonane (C9)	3.321	2846593	22.133 ug/ml
2) T n-Decane (C10)	4.390	3526879	28.351 ug/ml
4) T n-Dodecane (C12)	6.414	4090895	32.660 ug/ml
6) T n-Tetradecane (C14)	8.213	4223243	34.678 ug/ml
7) T n-Hexadecane (C16)	9.816	4630394	36.891 ug/ml
8) T n-Octadecane (C18)	11.258	4948592	38.736 ug/ml
10) T n-Eicosane (C20)	12.568	4801658	38.601 ug/ml
11) T n-Heneicosane (C21)	13.181	4710497	38.118 ug/ml
13) T n-Docosane (C22)	13.765	4696302	38.661 ug/ml
14) T n-Tetracosane (C24)	14.867	4567719	38.107 ug/ml
15) T n-Hexacosane (C26)	15.887	4394430	37.829 ug/ml
16) T n-Octacosane (C28)	16.837	4196132	36.920 ug/ml
17) T n-Tricontane (C30)	17.724	4079514	36.489 ug/ml
18) T n-Dotriacontane (C32)	18.553	4059404	36.532 ug/ml
19) T n-Tetratriacontane (C34)	19.336	3929718	36.325 ug/ml
20) T n-Hexatriacontane (C36)	20.074	3837857	37.802 ug/ml
21) T n-Octatriacontane (C38)	20.809	3633413	35.514 ug/ml
22) T n-Tetracontane (C40)	21.722	3619997	35.719 ug/ml

(f)=RT Delta > 1/2 Window

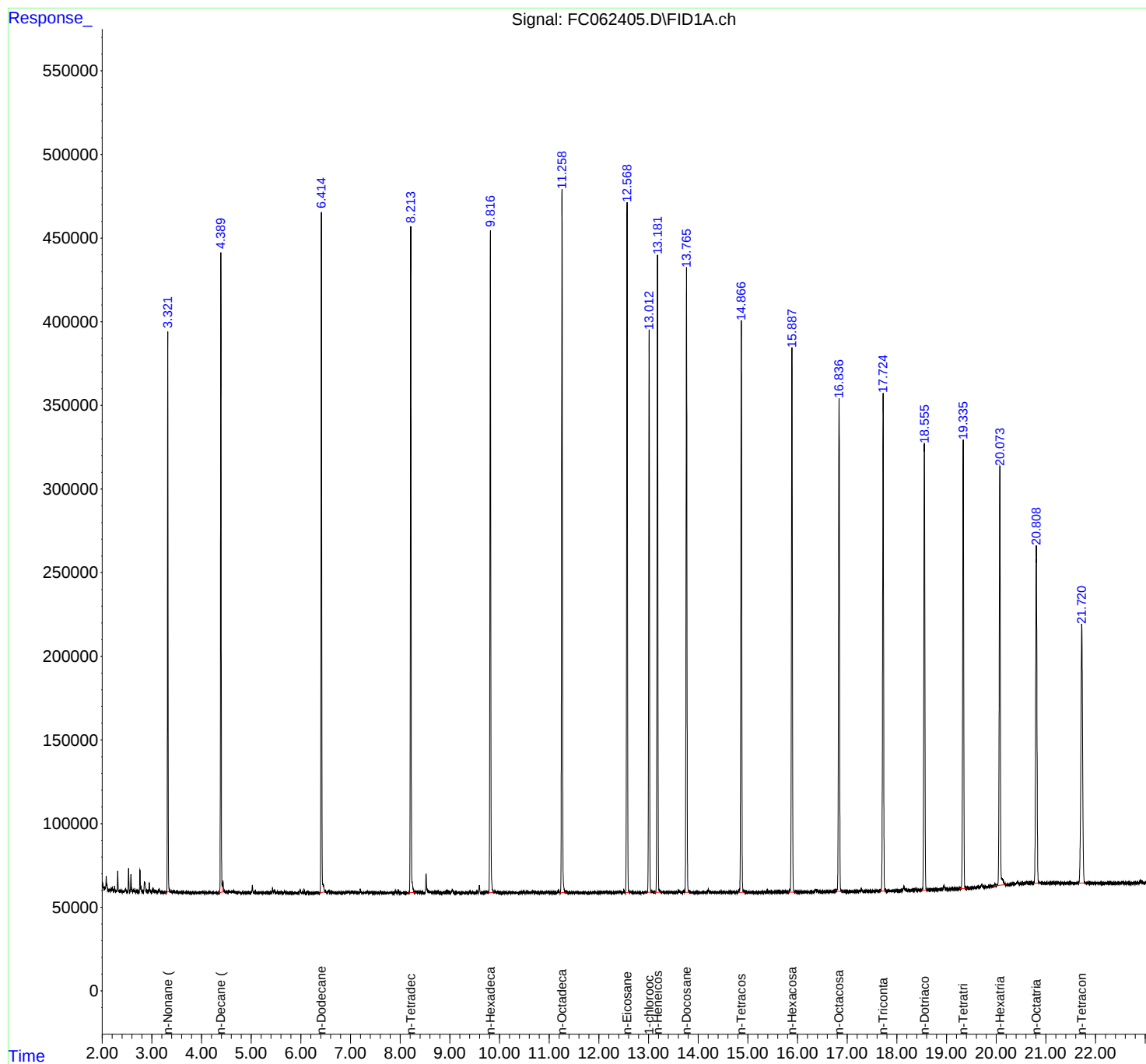
(m)=manual int.

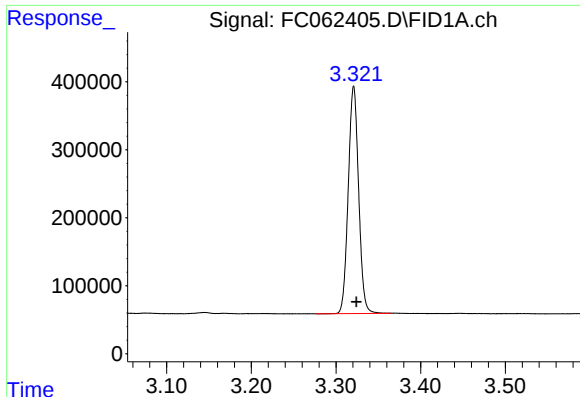
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121222AL\
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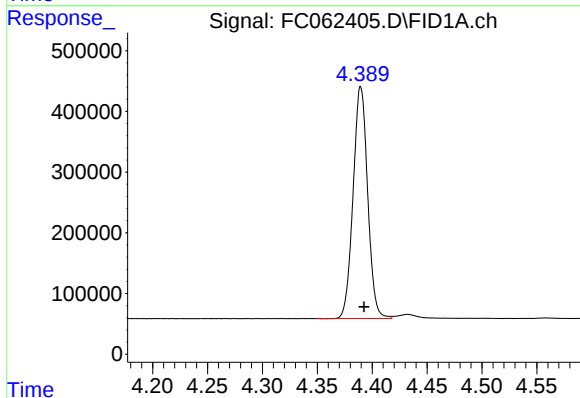




#1 n-Nonane (C9)

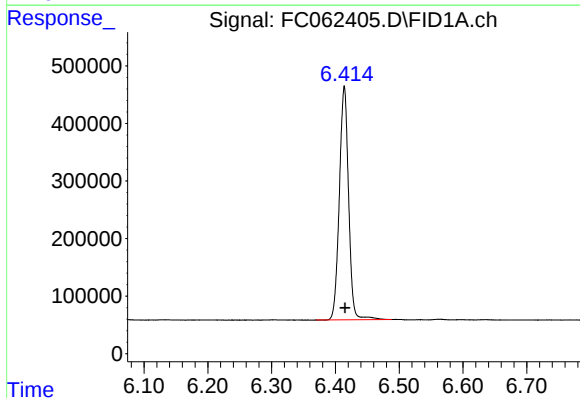
R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 2846593
Conc: 22.13 ug/ml

Instrument :
FID_C
ClientSampleId :
ALIPHATIC CARTRIDGES CHECK4



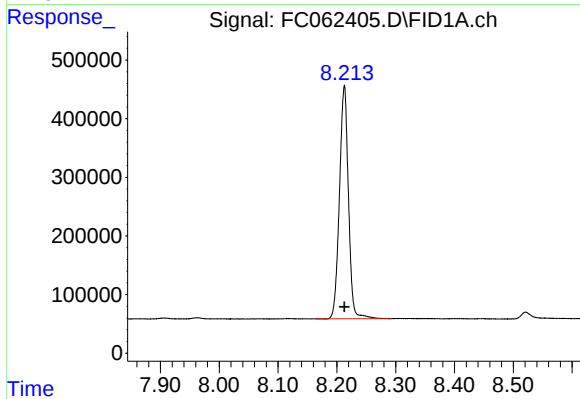
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 3526879
Conc: 28.35 ug/ml



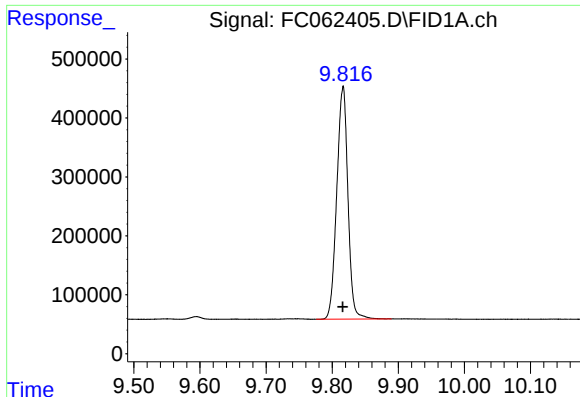
#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 4090895
Conc: 32.66 ug/ml



#6 n-Tetradecane (C14)

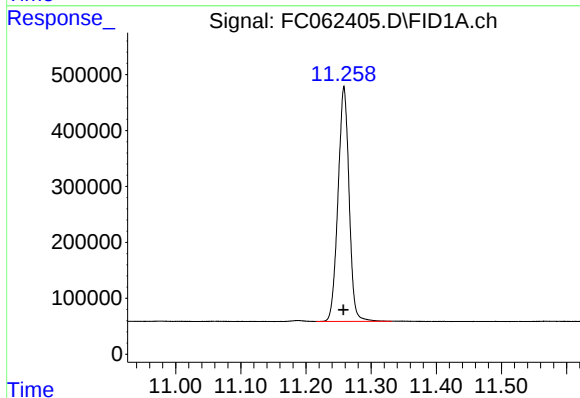
R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 4223243
Conc: 34.68 ug/ml



#7 n-Hexadecane (C16)

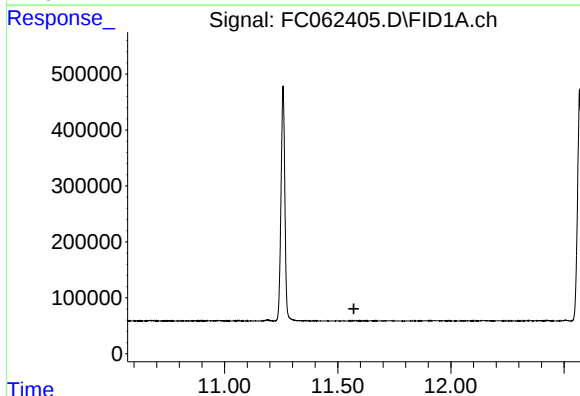
R.T.: 9.816 min
Delta R.T.: 0.000 min
Response: 4630394
Conc: 36.89 ug/ml

Instrument :
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ALIPHATIC CARTRIDGES CHECK4



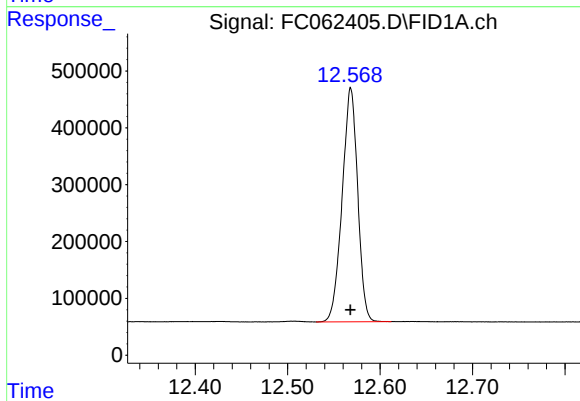
#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 4948592
Conc: 38.74 ug/ml



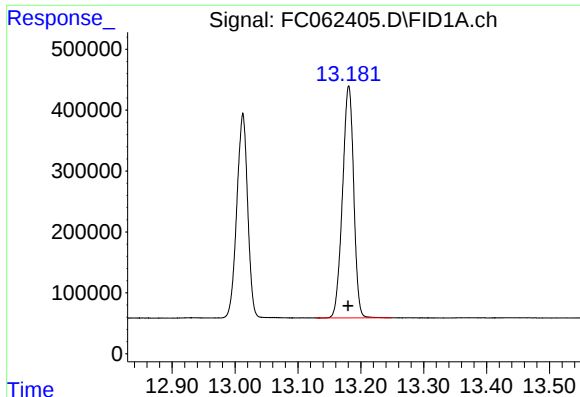
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.571 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

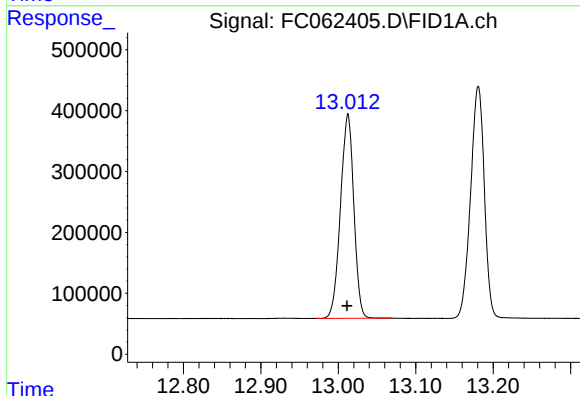
R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 4801658
Conc: 38.60 ug/ml



#11 n-Heneicosane (C21)

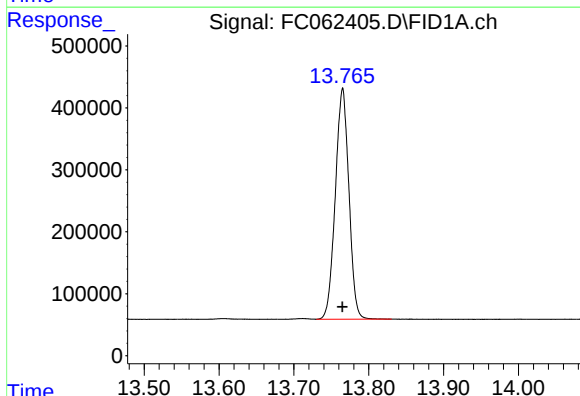
R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 4710497
Conc: 38.12 ug/ml

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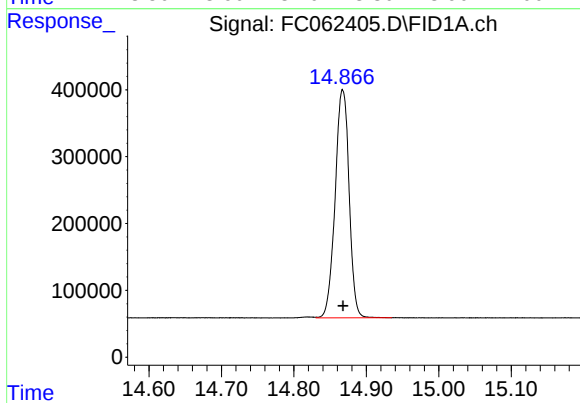
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.001 min
Response: 4018365
Conc: 37.70 ug/ml



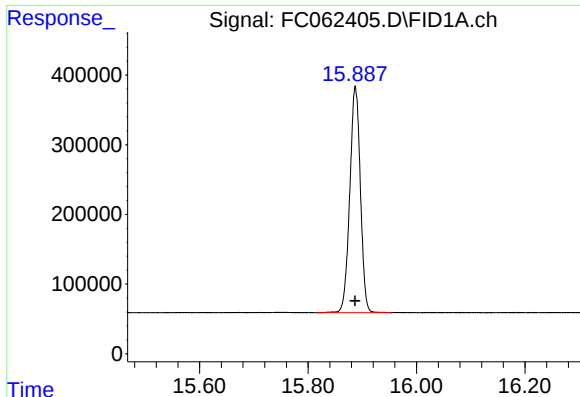
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: 0.000 min
Response: 4696302
Conc: 38.66 ug/ml



#14 n-Tetracosane (C24)

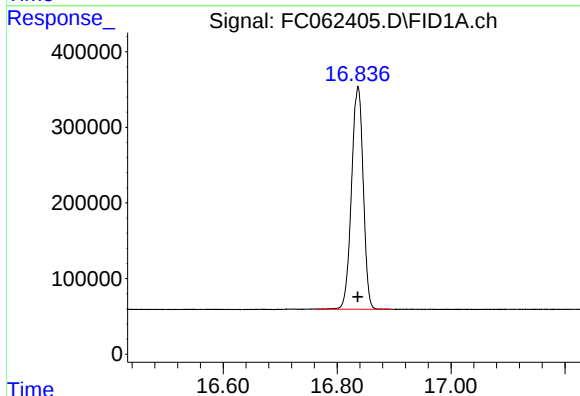
R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 4567719
Conc: 38.11 ug/ml



#15 n-Hexacosane (C26)

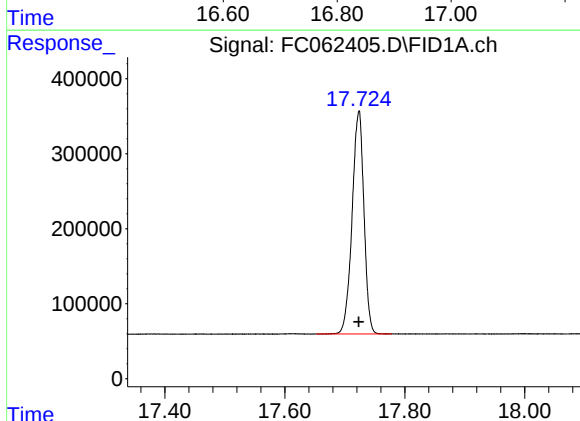
R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 4394430
Conc: 37.83 ug/ml

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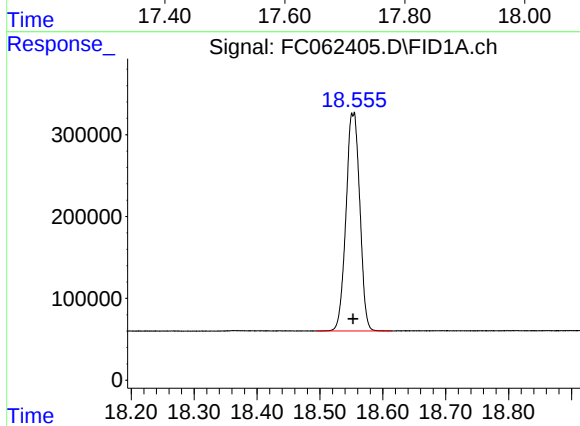
#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: 0.000 min
Response: 4196132
Conc: 36.92 ug/ml



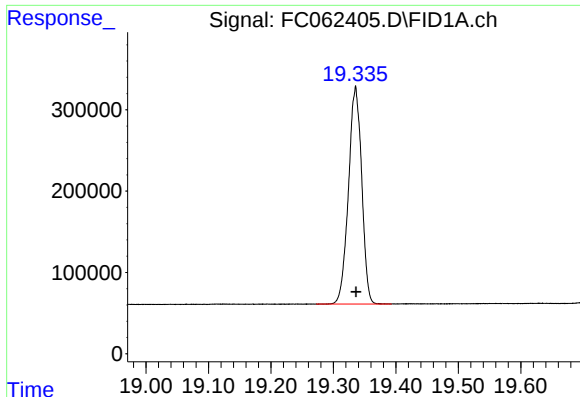
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 4079514
Conc: 36.49 ug/ml



#18 n-Dotriacontane (C32)

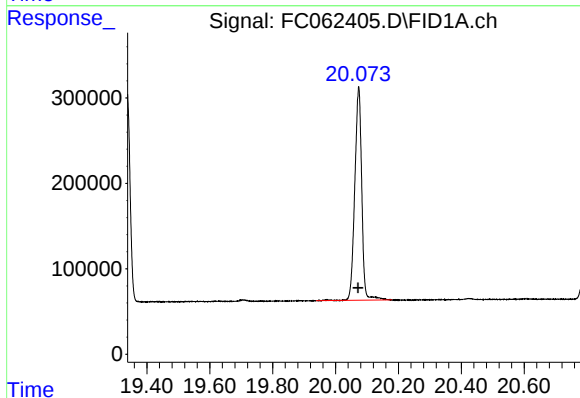
R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 4059404
Conc: 36.53 ug/ml



#19 n-Tetratriacontane (C34)

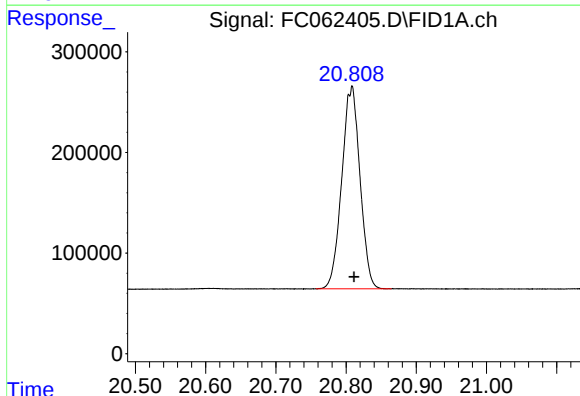
R.T.: 19.336 min
Delta R.T.: 0.000 min
Response: 3929718
Conc: 36.32 ug/ml

Instrument :
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ALIPHATIC CARTRIDGES CHECK4



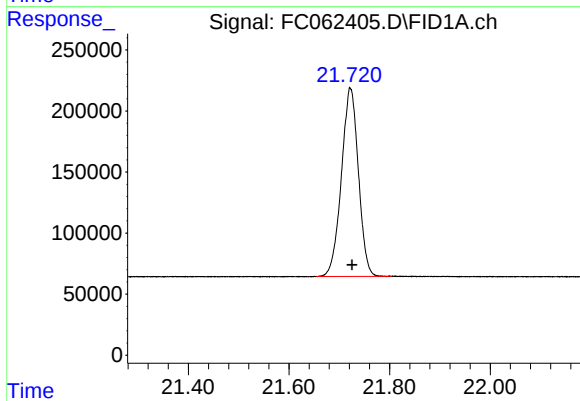
#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.002 min
Response: 3837857
Conc: 37.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.003 min
Response: 3633413
Conc: 35.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.004 min
Response: 3619997
Conc: 35.72 ug/ml