

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066089.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2024 01:49
 Operator : YP/AJ
 Sample : PB159706BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159706BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 03:11:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 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...	12.898	5066074	34.749 ug/ml
Spiked Amount 50.000		Recovery =	69.50%
Target Compounds			
1) T n-Nonane (C9)	3.276	3628774	21.720 ug/mlm
2) T n-Decane (C10)	4.336	4452967	25.675 ug/ml
4) T n-Dodecane (C12)	6.345	5178303	29.385 ug/ml
6) T n-Tetradecane (C14)	8.132	5327856	30.638 ug/ml
7) T n-Hexadecane (C16)	9.724	5771510	32.306 ug/ml
8) T n-Octadecane (C18)	11.157	6390269	35.157 ug/ml
10) T n-Eicosane (C20)	12.457	6830874	39.120 ug/ml
11) T n-Heneicosane (C21)	13.064	6851220	39.516 ug/ml
13) T n-Docosane (C22)	13.647	6852180	39.842 ug/ml
14) T n-Tetracosane (C24)	14.740	6880660	40.286 ug/ml
15) T n-Hexacosane (C26)	15.754	6931250	41.162 ug/ml
16) T n-Octacosane (C28)	16.697	6962395	41.876 ug/ml
17) T n-Tricontane (C30)	17.579	7096161	41.561 ug/ml
18) T n-Dotriacontane (C32)	18.403	7104757	42.146 ug/mlm
19) T n-Tetratriacontane (C34)	19.182	7088912	43.253 ug/ml
20) T n-Hexatriacontane (C36)	19.915	6901867	43.409 ug/mlm
21) T n-Octatriacontane (C38)	20.626	6919246	44.173 ug/ml
22) T n-Tetracontane (C40)	21.479	6801700	43.011 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB159706BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

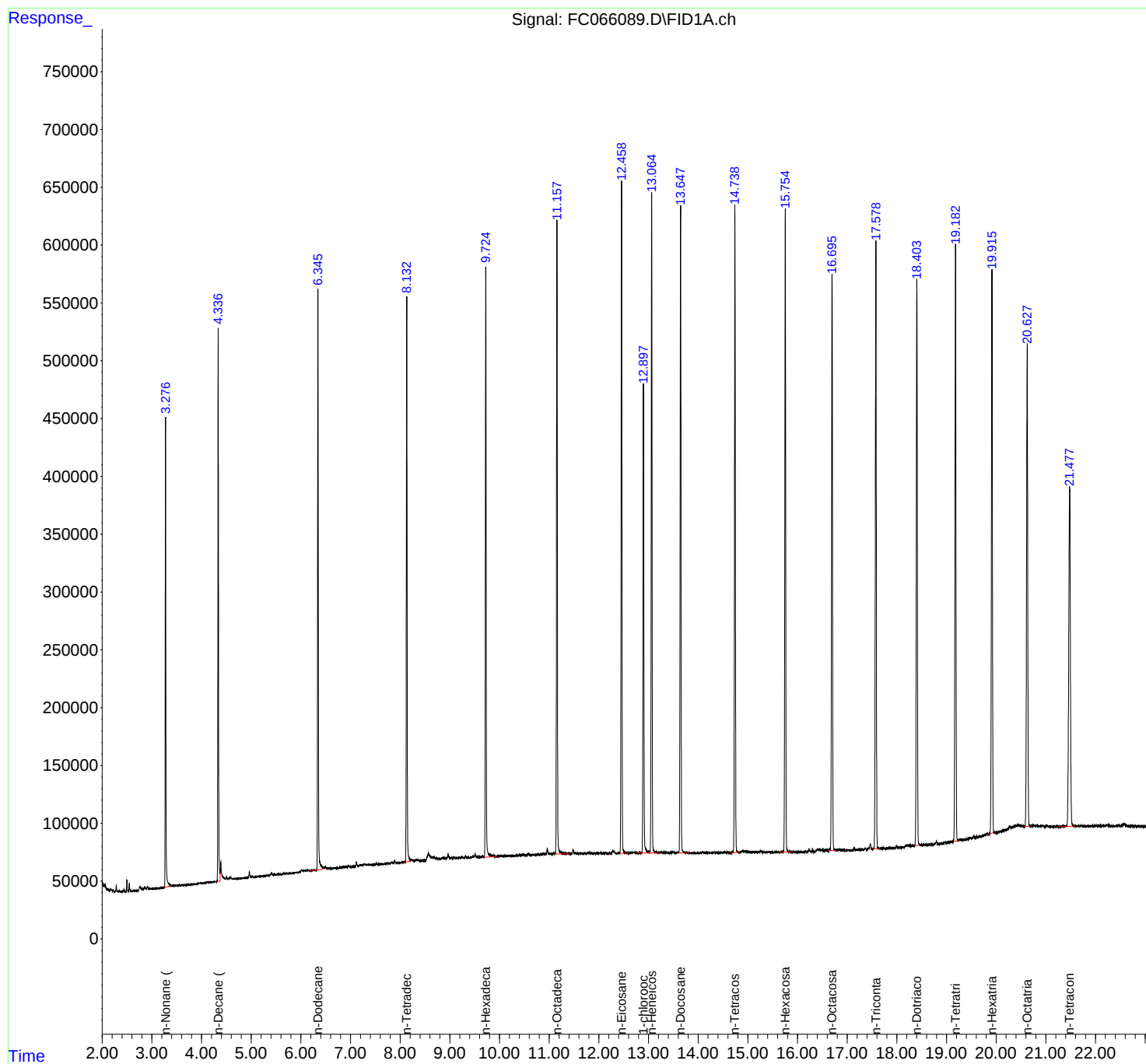
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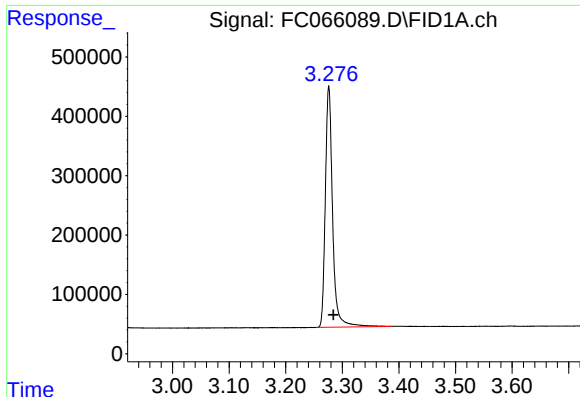
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.008 min
Response: 3628774
Conc: 21.72 ug/ml

Instrument :

FID_C

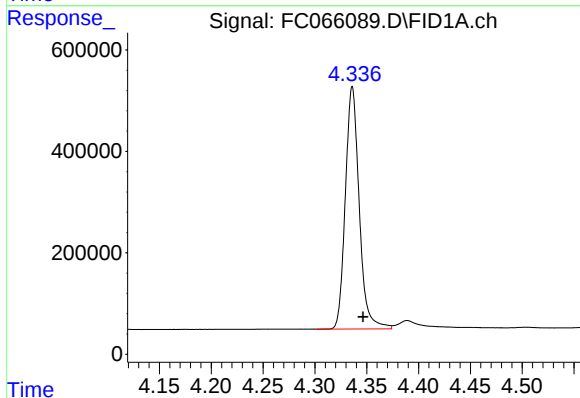
ClientSampleId :

PB159706BS

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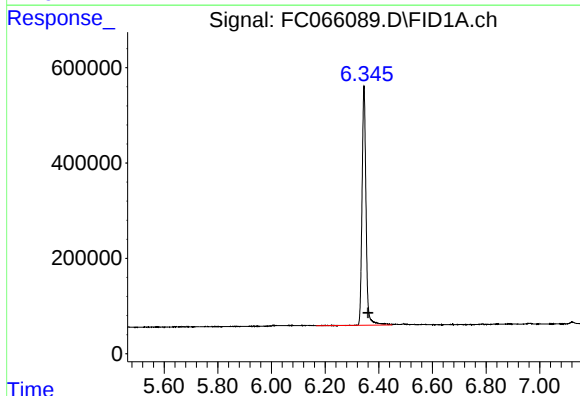
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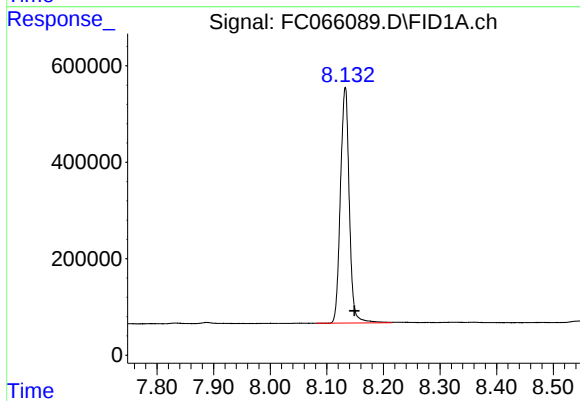
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 4452967
Conc: 25.68 ug/ml



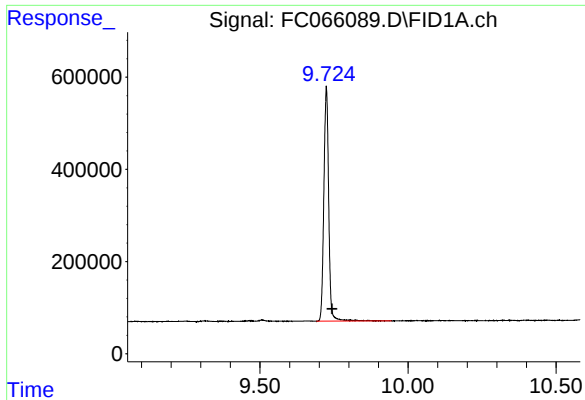
#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: -0.015 min
Response: 5178303
Conc: 29.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 5327856
Conc: 30.64 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.020 min
Response: 5771510
Conc: 32.31 ug/ml

Instrument :

FID_C

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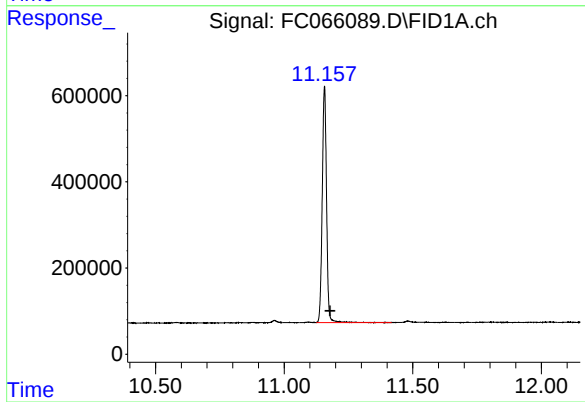
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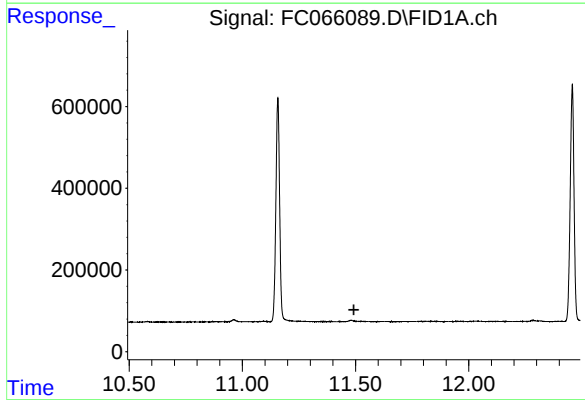
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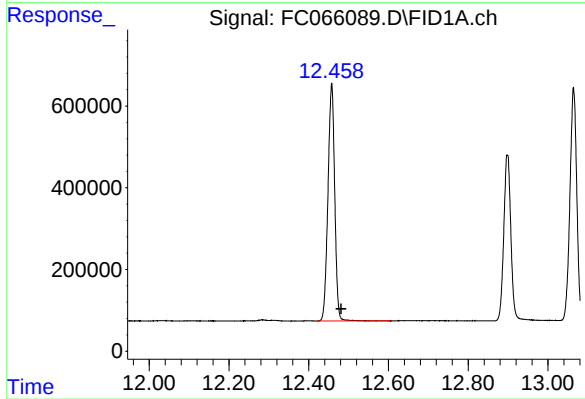
#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: -0.022 min
Response: 6390269
Conc: 35.16 ug/ml



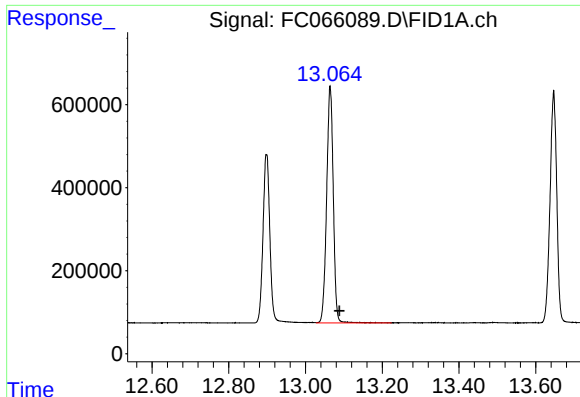
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.493 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: -0.023 min
Response: 6830874
Conc: 39.12 ug/ml



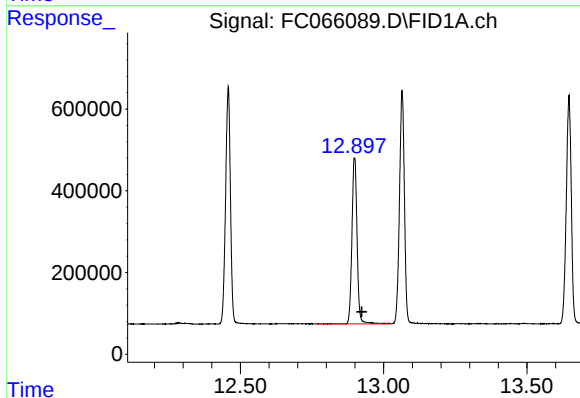
#11 n-Heneicosane (C21)

R.T.: 13.064 min
Delta R.T.: -0.024 min
Response: 6851220
Conc: 39.52 ug/ml

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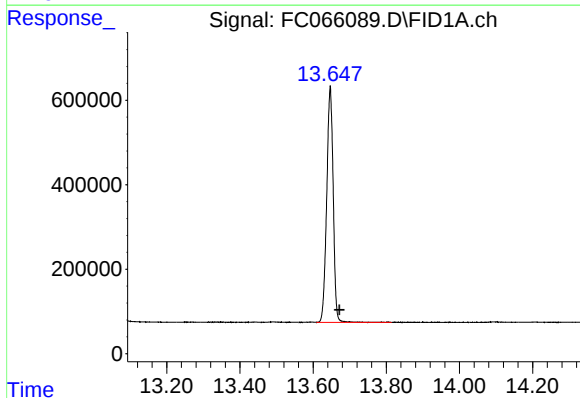
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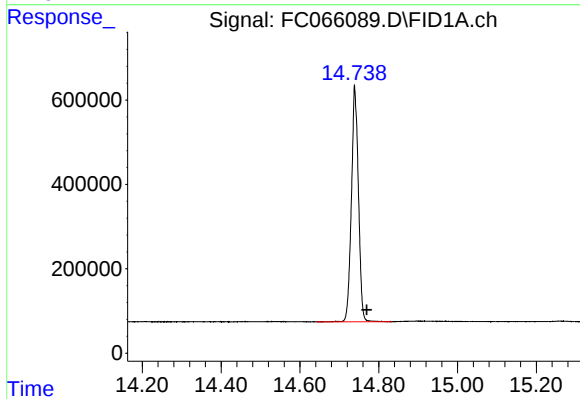
#12 1-chlorooctadecane (SURR)

R.T.: 12.898 min
Delta R.T.: -0.025 min
Response: 5066074
Conc: 34.75 ug/ml



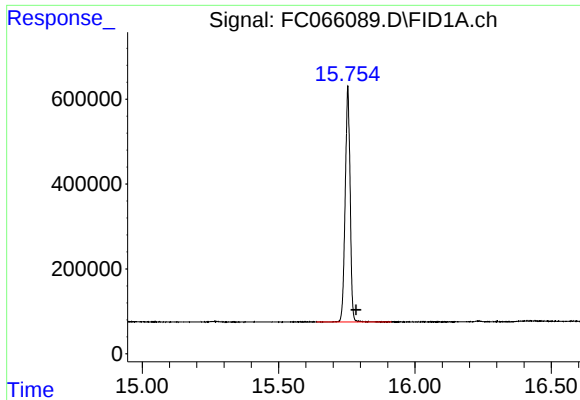
#13 n-Docosane (C22)

R.T.: 13.647 min
Delta R.T.: -0.025 min
Response: 6852180
Conc: 39.84 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.030 min
Response: 6880660
Conc: 40.29 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.754 min
Delta R.T.: -0.030 min
Response: 6931250
Conc: 41.16 ug/ml

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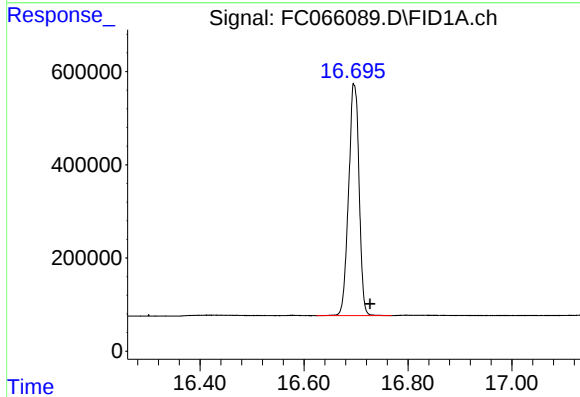
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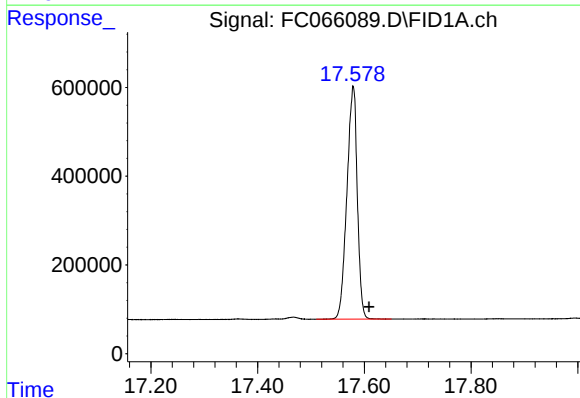
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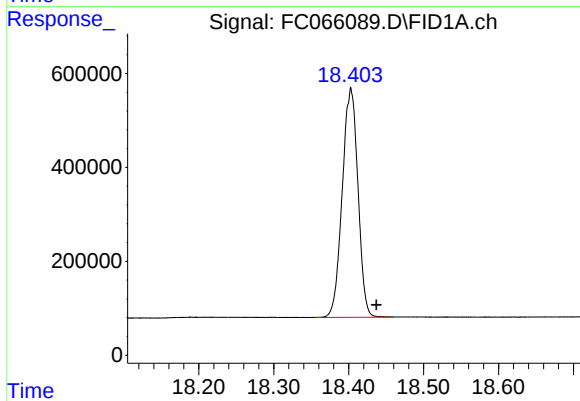
#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: -0.030 min
Response: 6962395
Conc: 41.88 ug/ml



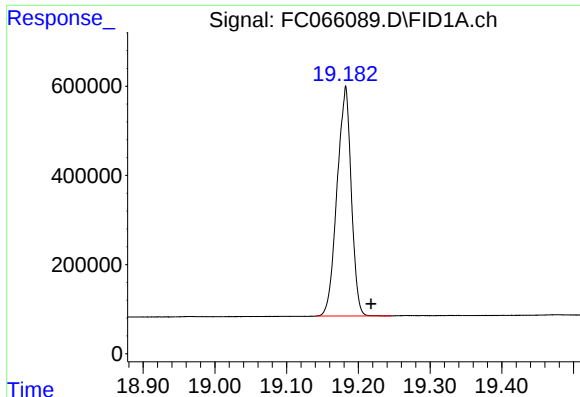
#17 n-Tricontane (C30)

R.T.: 17.579 min
Delta R.T.: -0.030 min
Response: 7096161
Conc: 41.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.403 min
Delta R.T.: -0.034 min
Response: 7104757
Conc: 42.15 ug/ml m



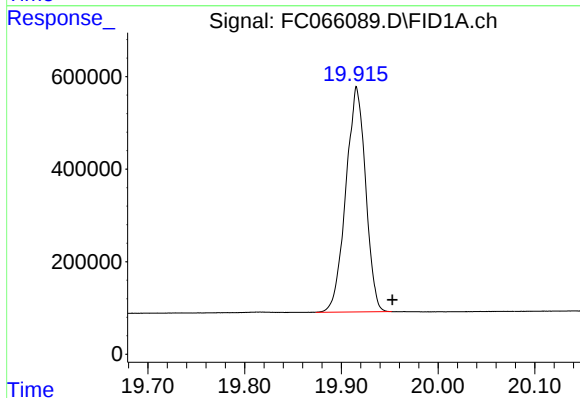
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.036 min
Response: 7088912
Conc: 43.25 ug/ml

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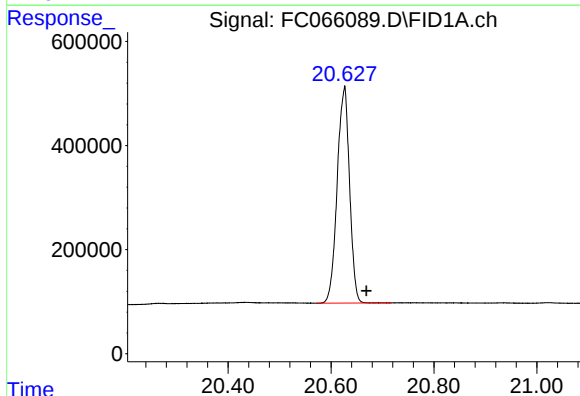
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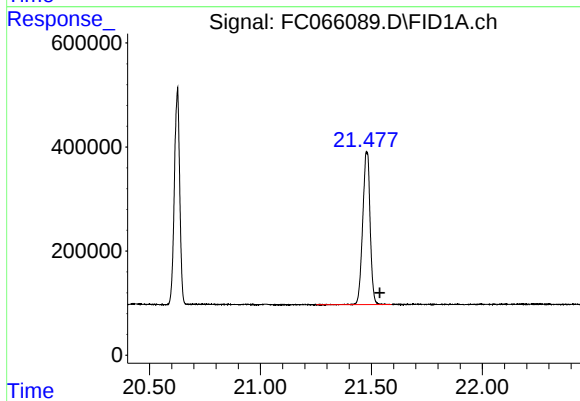
#20 n-Hexatriacontane (C36)

R.T.: 19.915 min
Delta R.T.: -0.038 min
Response: 6901867
Conc: 43.41 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: -0.043 min
Response: 6919246
Conc: 44.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.058 min
Response: 6801700
Conc: 43.01 ug/ml