

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066078.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2024 17:20
 Operator : YP/AJ
 Sample : PB159705BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159705BSD

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 01:11:41 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...	12.900	5511254	37.803 ug/ml
Spiked Amount 50.000		Recovery =	75.61%
Target Compounds			
1) T n-Nonane (C9)	3.277	4053047	24.259 ug/ml
2) T n-Decane (C10)	4.338	5009925	28.887 ug/ml
4) T n-Dodecane (C12)	6.347	5823404	33.046 ug/ml
6) T n-Tetradecane (C14)	8.133	6064572	34.875 ug/ml
7) T n-Hexadecane (C16)	9.726	6469982	36.216 ug/ml
8) T n-Octadecane (C18)	11.158	7044301	38.755 ug/ml
10) T n-Eicosane (C20)	12.459	7302974	41.823 ug/ml
11) T n-Heneicosane (C21)	13.066	7211311	41.593 ug/ml
13) T n-Docosane (C22)	13.648	7203564	41.885 ug/ml
14) T n-Tetracosane (C24)	14.743	7208550	42.205 ug/ml
15) T n-Hexacosane (C26)	15.757	7278368	43.224 ug/ml
16) T n-Octacosane (C28)	16.699	7325648	44.061 ug/ml
17) T n-Tricontane (C30)	17.582	7471890	43.762 ug/ml
18) T n-Dotriacontane (C32)	18.408	7453627	44.216 ug/mlm
19) T n-Tetratriacontane (C34)	19.186	7467913	45.565 ug/ml
20) T n-Hexatriacontane (C36)	19.921	7275802	45.761 ug/mlm
21) T n-Octatriacontane (C38)	20.630	7292430	46.556 ug/ml
22) T n-Tetracontane (C40)	21.486	7161775	45.288 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB159705BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

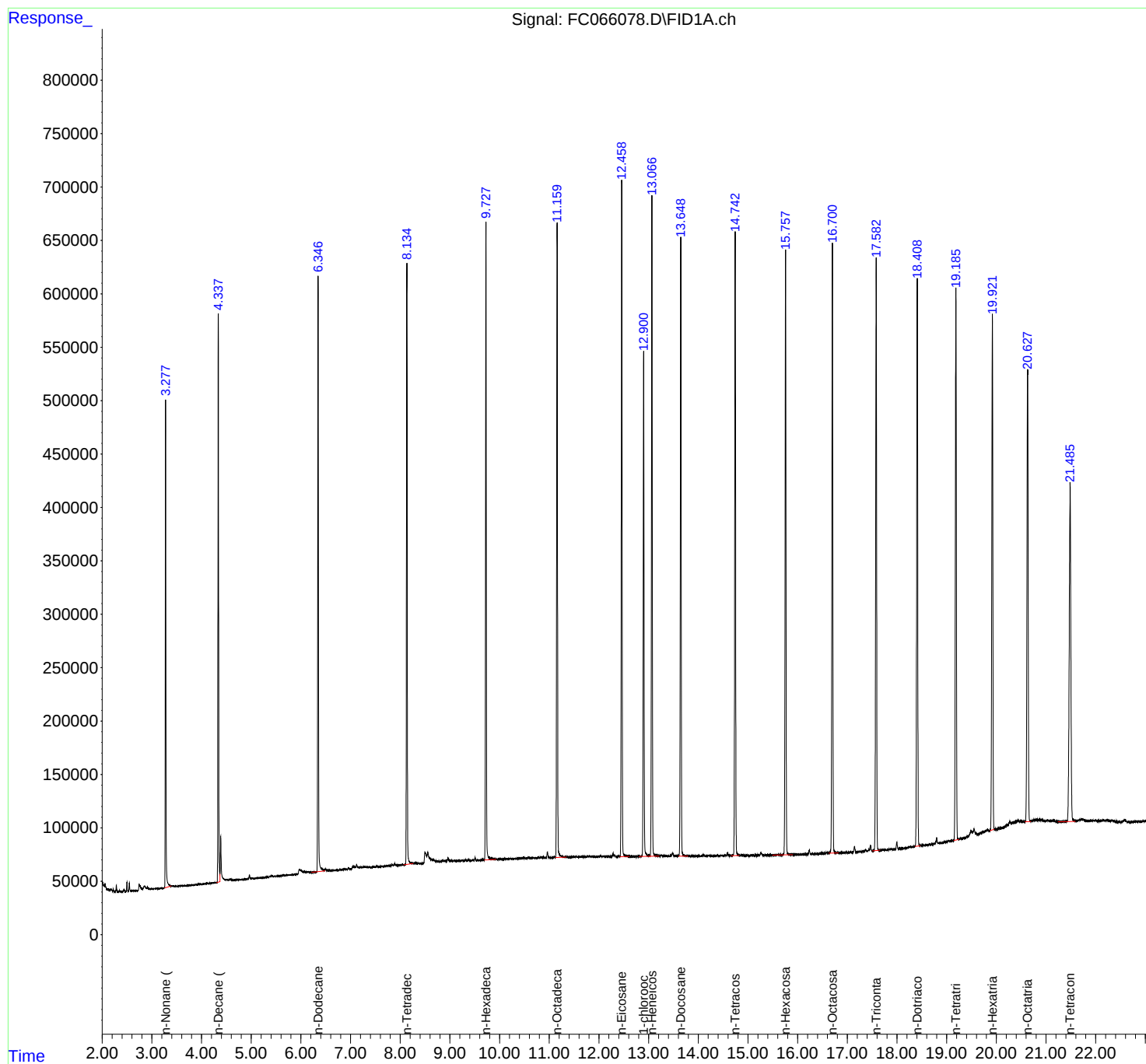
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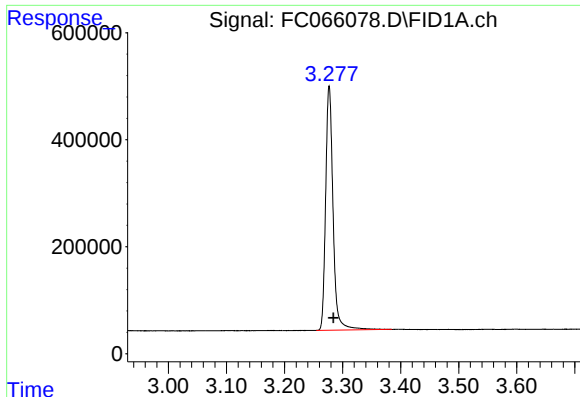
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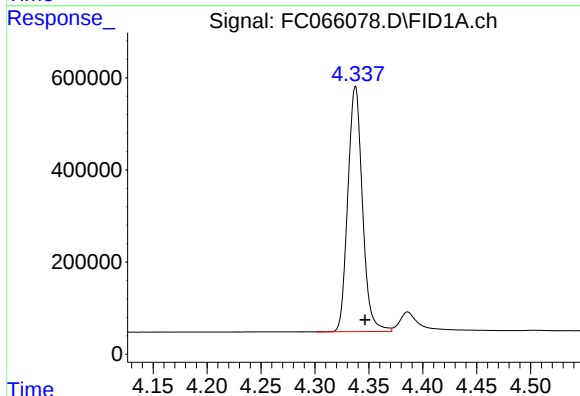
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.007 min
Response: 4053047
Conc: 24.26 ug/ml

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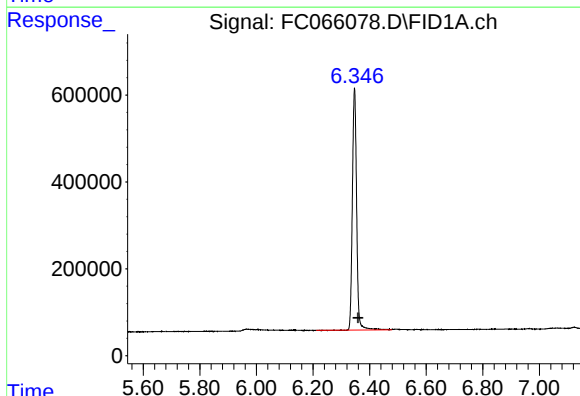
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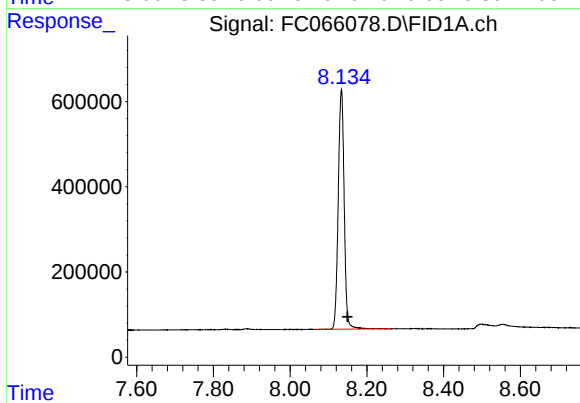
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.009 min
Response: 5009925
Conc: 28.89 ug/ml



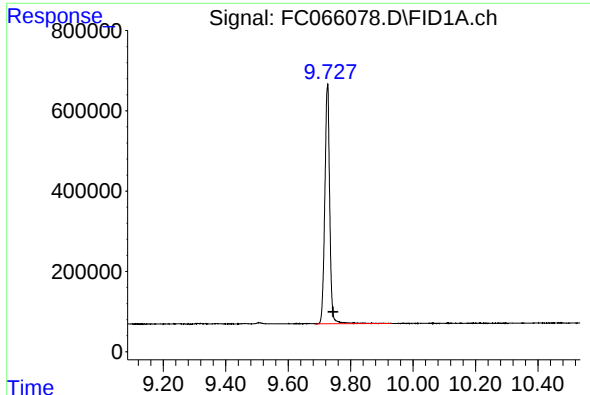
#4 n-Dodecane (C12)

R.T.: 6.347 min
Delta R.T.: -0.013 min
Response: 5823404
Conc: 33.05 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.015 min
Response: 6064572
Conc: 34.88 ug/ml



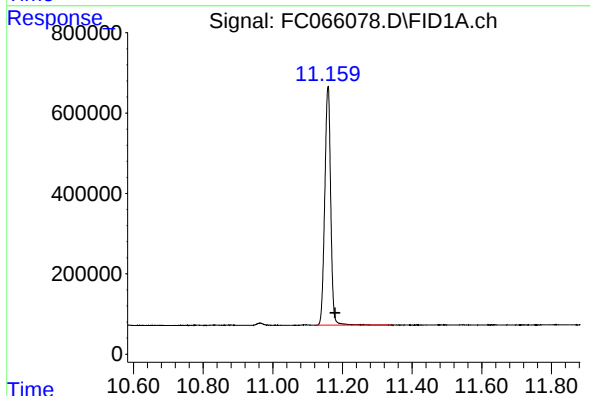
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.018 min
Response: 6469982
Conc: 36.22 ug/ml

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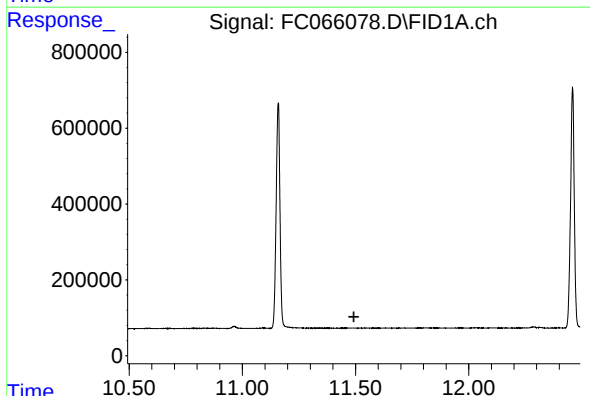
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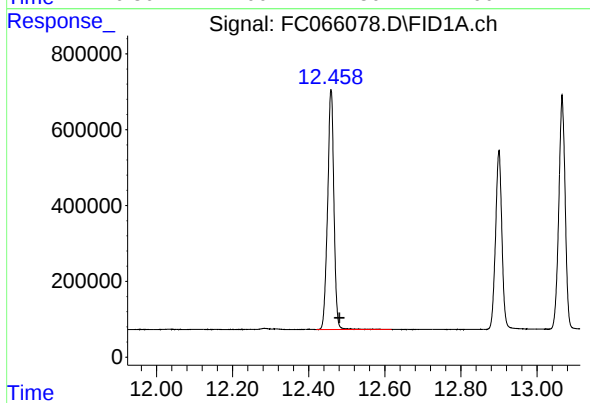
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: -0.021 min
Response: 7044301
Conc: 38.76 ug/ml



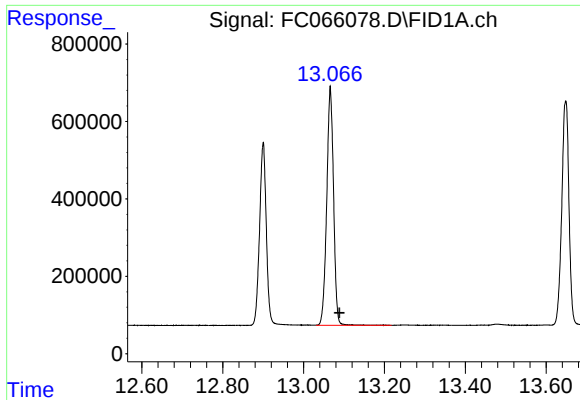
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.022 min
Response: 7302974
Conc: 41.82 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: -0.022 min
Response: 7211311
Conc: 41.59 ug/ml

Instrument :

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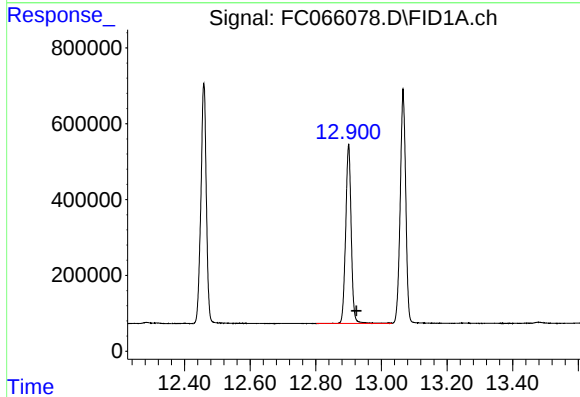
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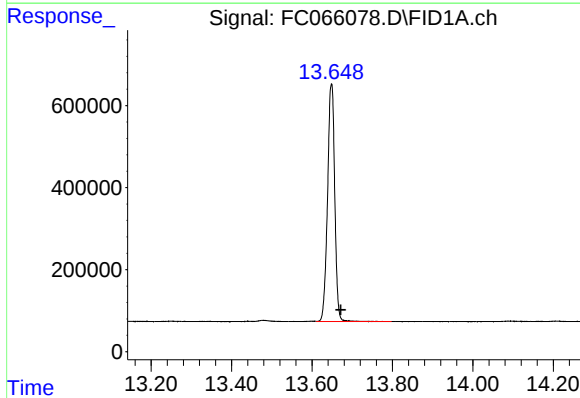
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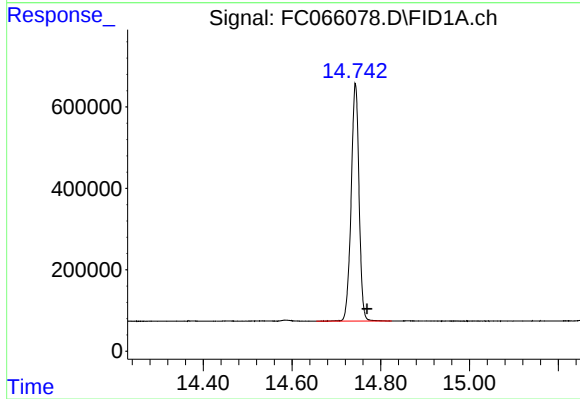
#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: -0.024 min
Response: 5511254
Conc: 37.80 ug/ml



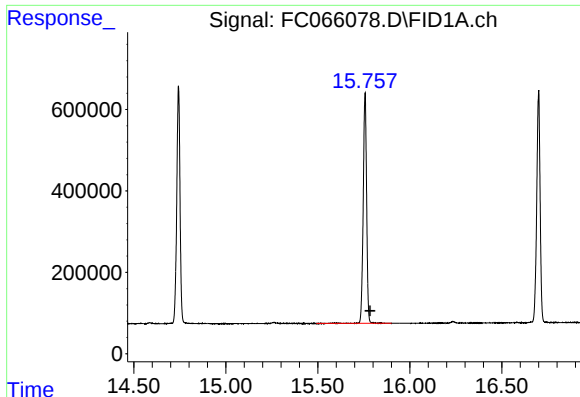
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.023 min
Response: 7203564
Conc: 41.89 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.026 min
Response: 7208550
Conc: 42.21 ug/ml



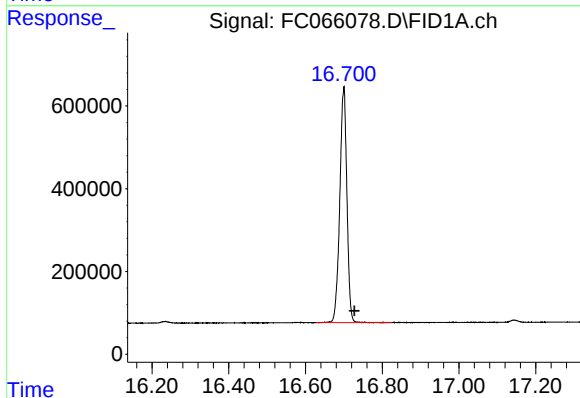
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: -0.028 min
Response: 7278368
Conc: 43.22 ug/ml

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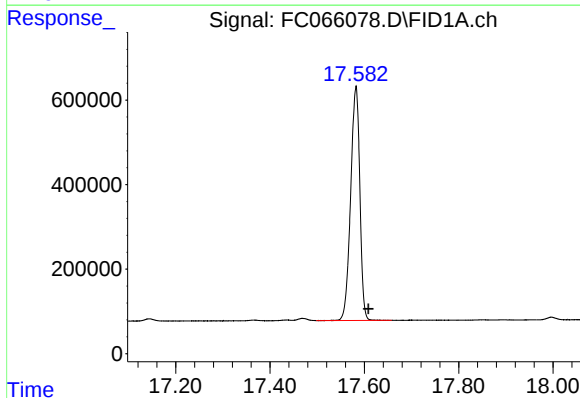
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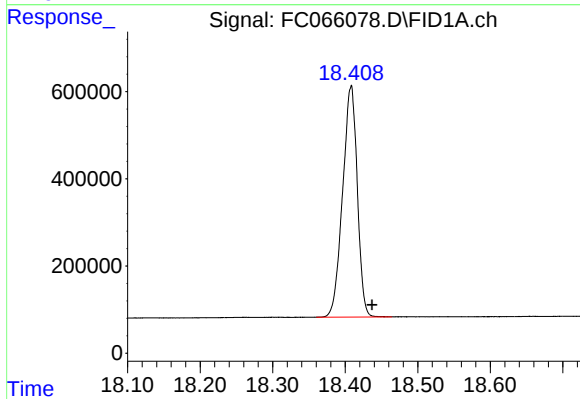
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.028 min
Response: 7325648
Conc: 44.06 ug/ml



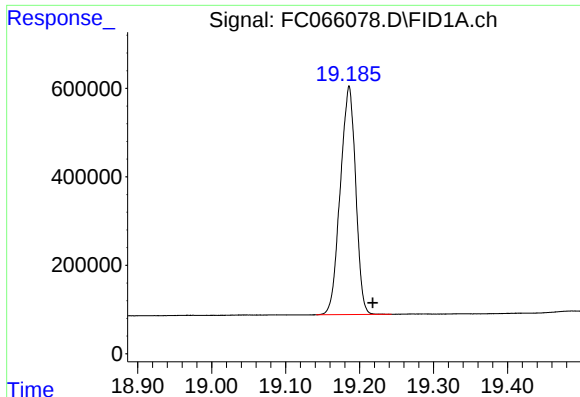
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.027 min
Response: 7471890
Conc: 43.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.408 min
Delta R.T.: -0.028 min
Response: 7453627
Conc: 44.22 ug/ml m



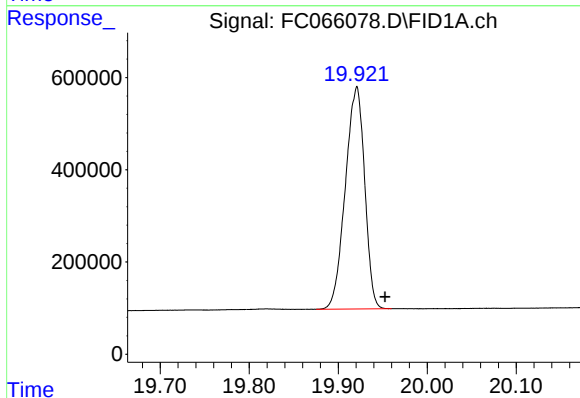
#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.032 min
Response: 7467913
Conc: 45.56 ug/ml

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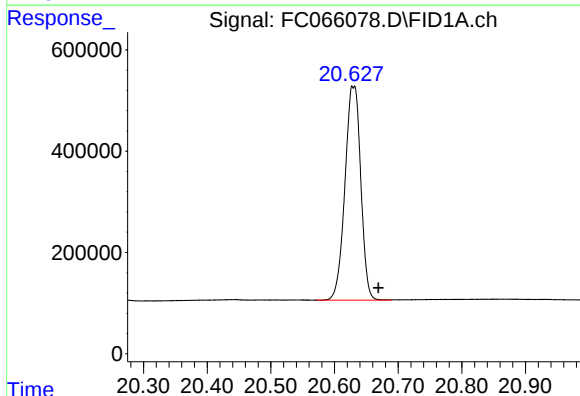
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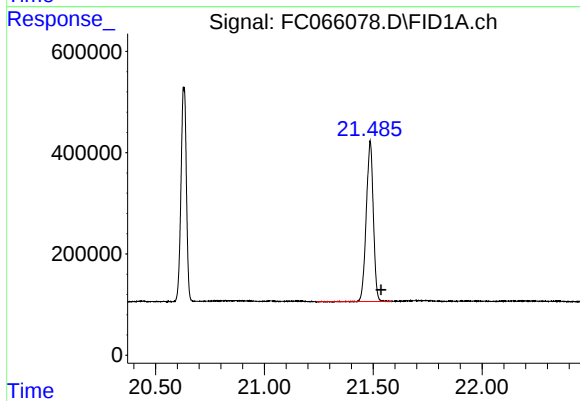
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min
Delta R.T.: -0.032 min
Response: 7275802
Conc: 45.76 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.630 min
Delta R.T.: -0.039 min
Response: 7292430
Conc: 46.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.486 min
Delta R.T.: -0.051 min
Response: 7161775
Conc: 45.29 ug/ml