

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066760.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jul 2024 16:14
 Operator : YP/AJ
 Sample : PB162008BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB162008BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 02:52:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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			
9) S ortho-Terphenyl (SURR)	11.527	6071241	35.198 ug/ml
Spiked Amount 50.000		Recovery =	70.40%
12) S 1-chlorooctadecane (S...	12.966	4975978	36.063 ug/ml
Spiked Amount 50.000		Recovery =	72.13%
Target Compounds			
1) T n-Nonane (C9)	3.297	4297517	29.578 ug/ml
2) T n-Decane (C10)	4.360	4702881	31.529 ug/ml
3) T A~Naphthalene (C11.7)	5.939	5618498	34.605 ug/ml
4) T n-Dodecane (C12)	6.375	4910508	32.400 ug/ml
5) T A~2-methylnaphthalene...	6.996	5799124	36.503 ug/ml
6) T n-Tetradecane (C14)	8.171	5349905	35.269 ug/ml
7) T n-Hexadecane (C16)	9.771	5553172	34.667 ug/ml
8) T n-Octadecane (C18)	11.214	5517977	33.256 ug/ml
10) T n-Eicosane (C20)	12.522	5480013	33.709 ug/mlm
11) T n-Heneicosane (C21)	13.134	5272786	32.725 ug/ml
13) T n-Docosane (C22)	13.720	5192869	32.390 ug/ml
14) T n-Tetracosane (C24)	14.822	4935244	31.096 ug/ml
15) T n-Hexacosane (C26)	15.845	4937346	32.335 ug/ml
16) T n-Octacosane (C28)	16.792	4848129	33.610 ug/ml
17) T n-Tricontane (C30)	17.682	4795860	34.326 ug/ml
18) T n-Dotriacontane (C32)	18.512	4748462	35.981 ug/ml
19) T n-Tetratriacontane (C34)	19.296	4693005	37.946 ug/ml
20) T n-Hexatriacontane (C36)	20.036	4644639	38.538 ug/mlm
21) T n-Octatriacontane (C38)	20.765	4588114	40.124 ug/ml
22) T n-Tetracontane (C40)	21.664	4392431	39.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB162008BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

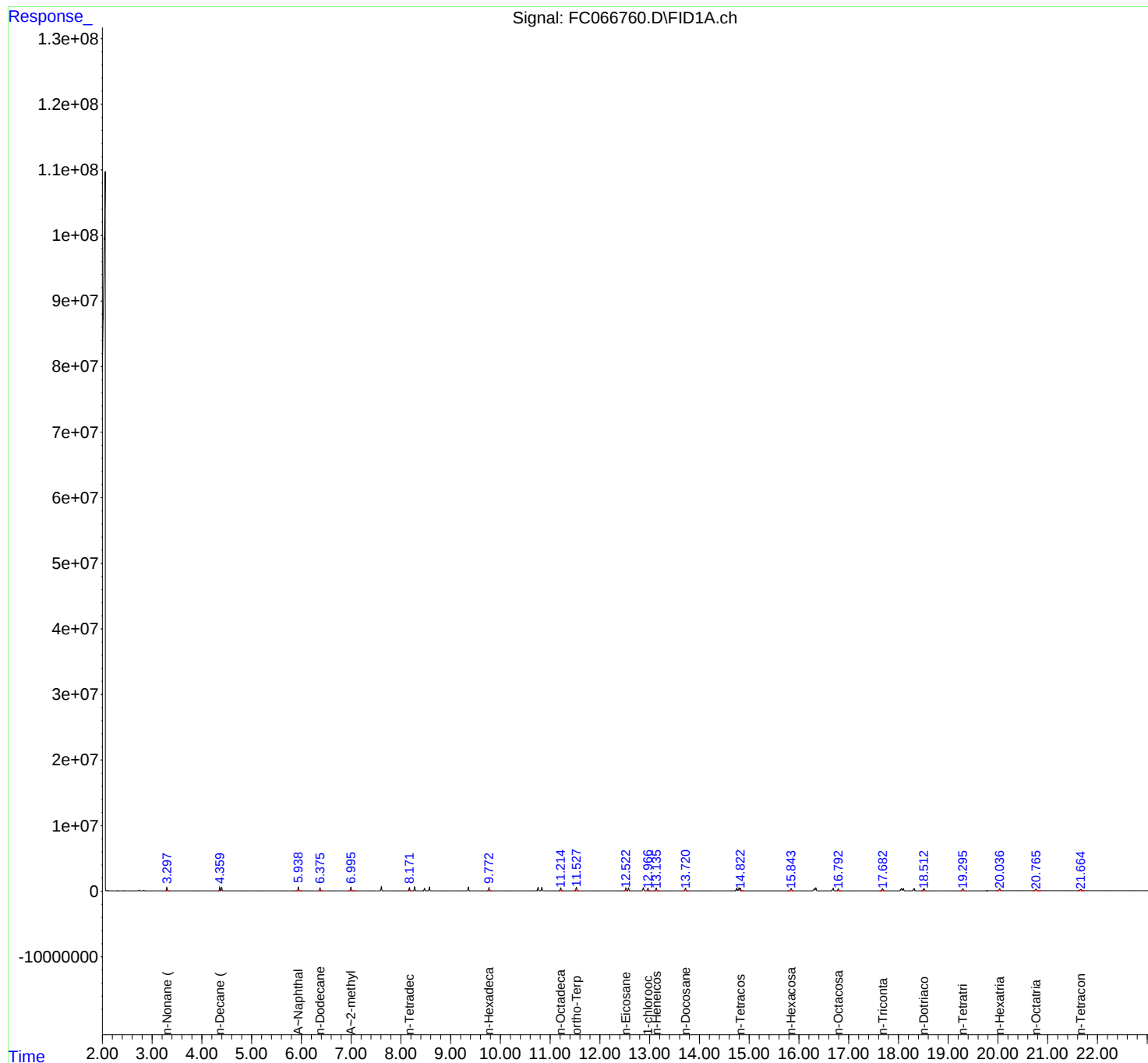
Instrument :
FID_C
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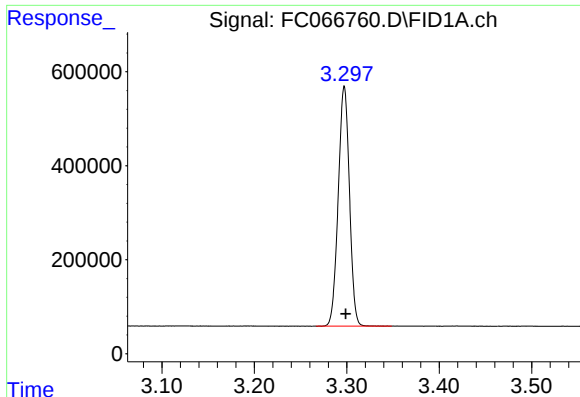
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#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 4297517
Conc: 29.58 ug/ml

Instrument :

FID_C

ClientSampleId :

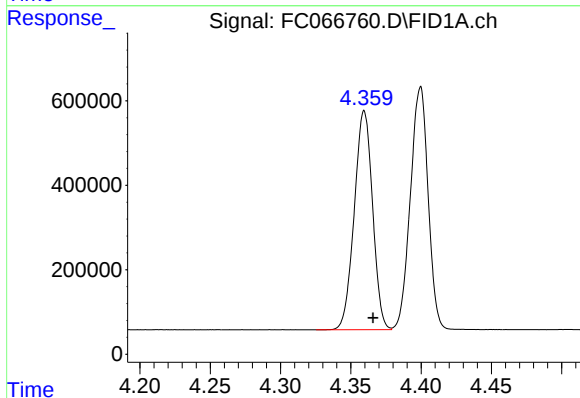
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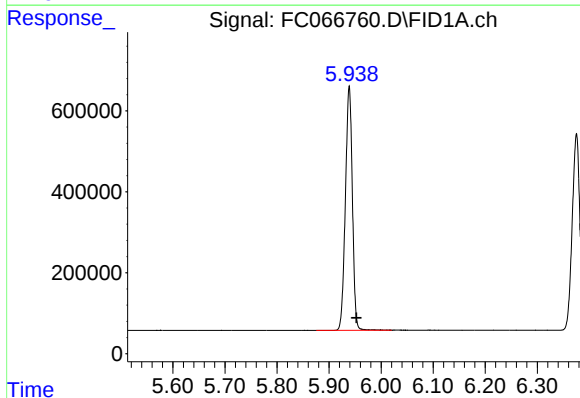
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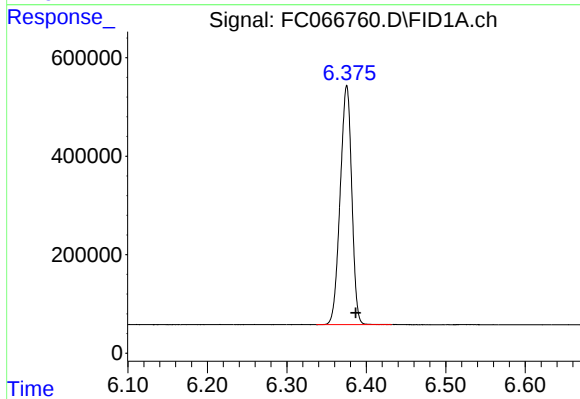
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.006 min
Response: 4702881
Conc: 31.53 ug/ml



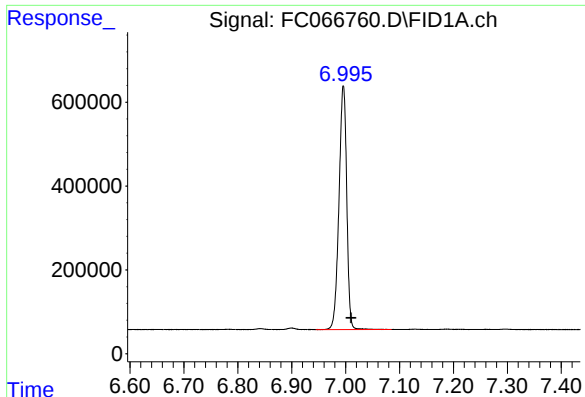
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.014 min
Response: 5618498
Conc: 34.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.012 min
Response: 4910508
Conc: 32.40 ug/ml



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

R.T.: 6.996 min
Delta R.T.: -0.014 min
Response: 5799124
Conc: 36.50 ug/ml

Instrument :

FID_C

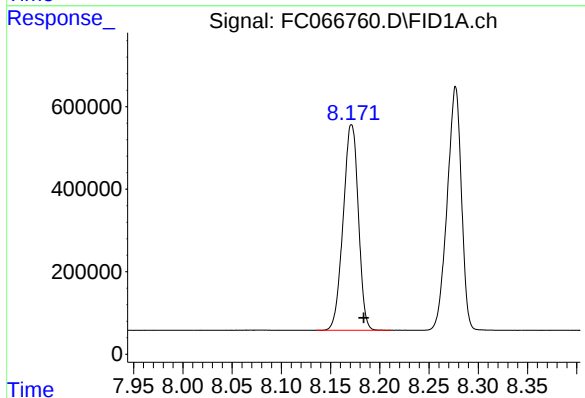
ClientSampleId :

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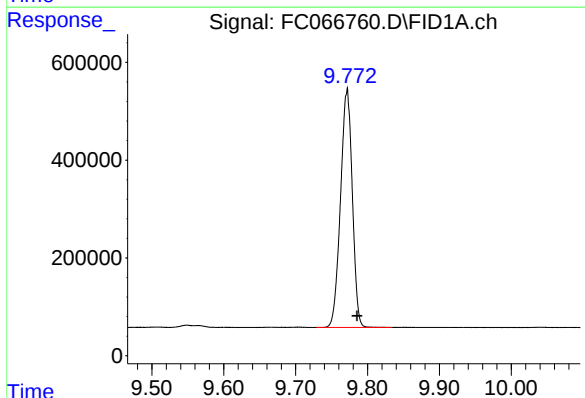
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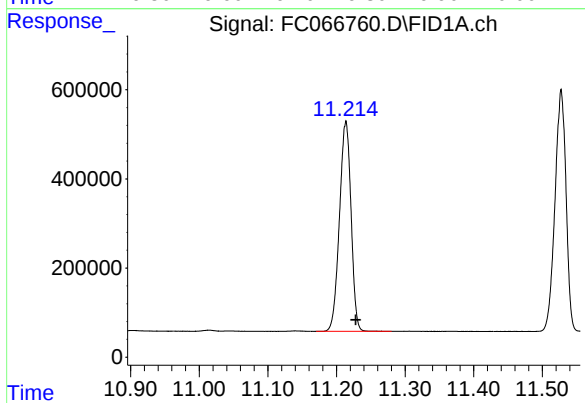
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.012 min
Response: 5349905
Conc: 35.27 ug/ml



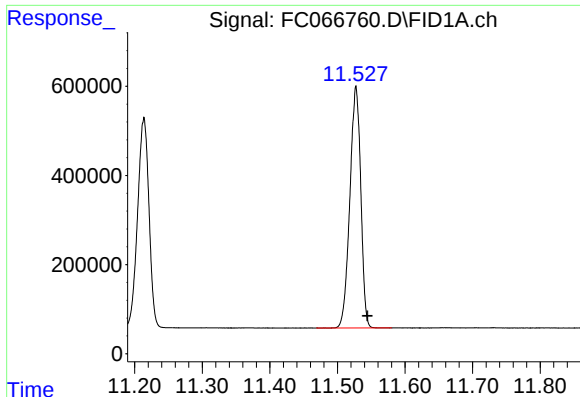
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.014 min
Response: 5553172
Conc: 34.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.015 min
Response: 5517977
Conc: 33.26 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.017 min
Response: 6071241
Conc: 35.20 ug/ml

Instrument :

FID_C

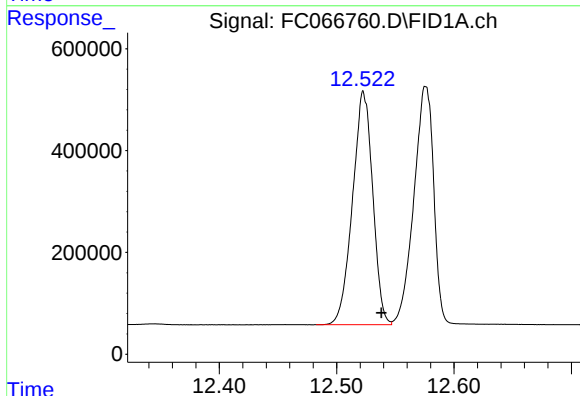
ClientSampleId :

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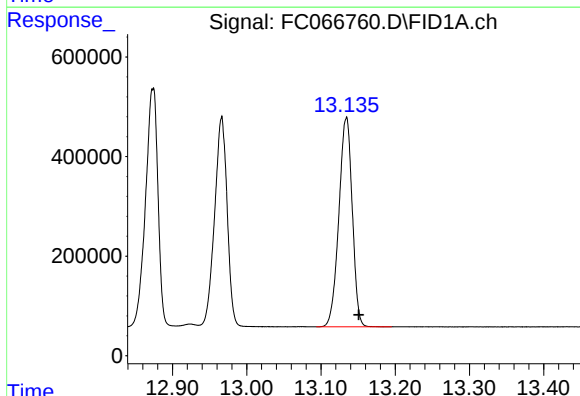
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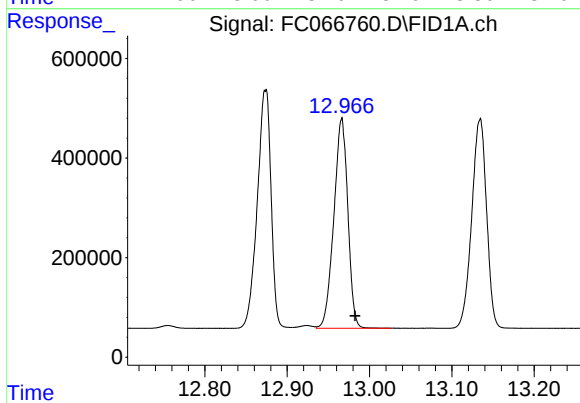
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.016 min
Response: 5480013
Conc: 33.71 ug/ml m



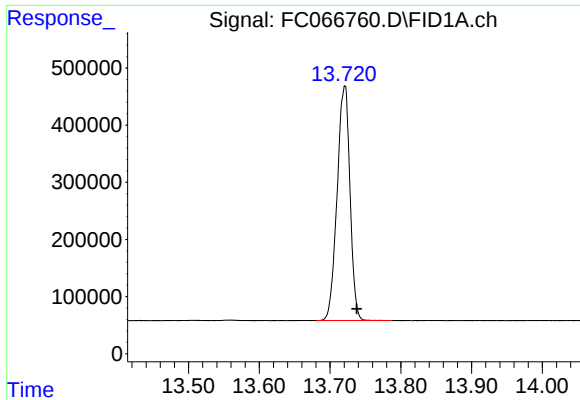
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.017 min
Response: 5272786
Conc: 32.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.016 min
Response: 4975978
Conc: 36.06 ug/ml



#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.018 min
Response: 5192869
Conc: 32.39 ug/ml

Instrument :

FID_C

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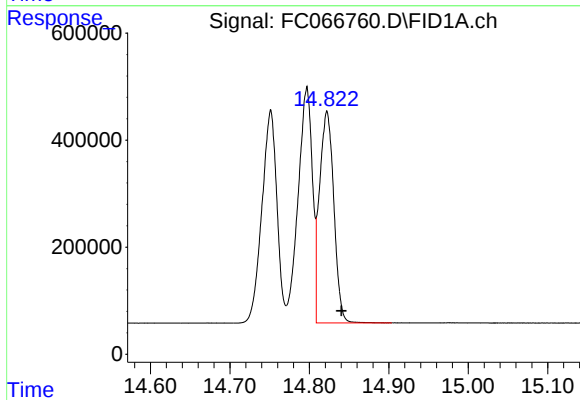
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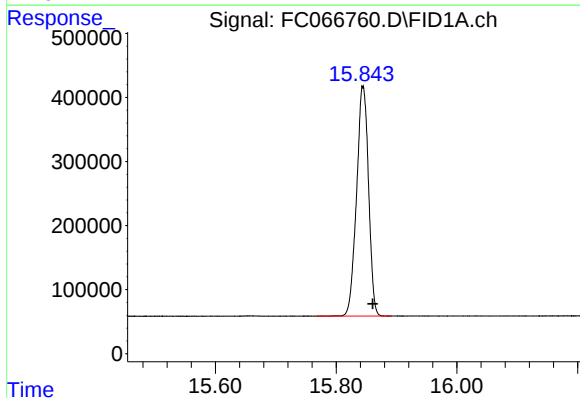
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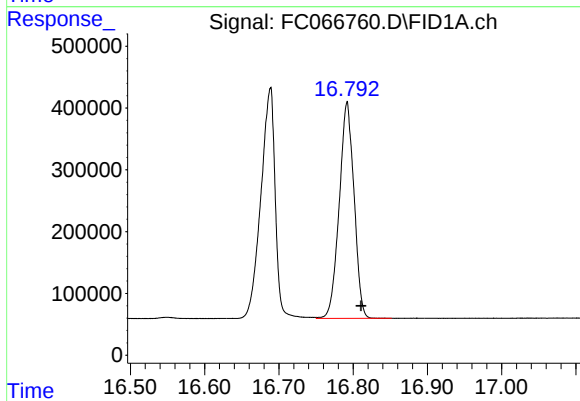
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.018 min
Response: 4935244
Conc: 31.10 ug/ml



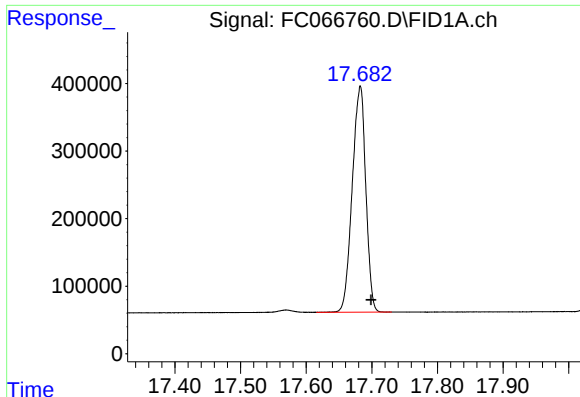
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.016 min
Response: 4937346
Conc: 32.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.792 min
Delta R.T.: -0.019 min
Response: 4848129
Conc: 33.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.682 min
Delta R.T.: -0.017 min
Response: 4795860
Conc: 34.33 ug/ml

Instrument :

FID_C

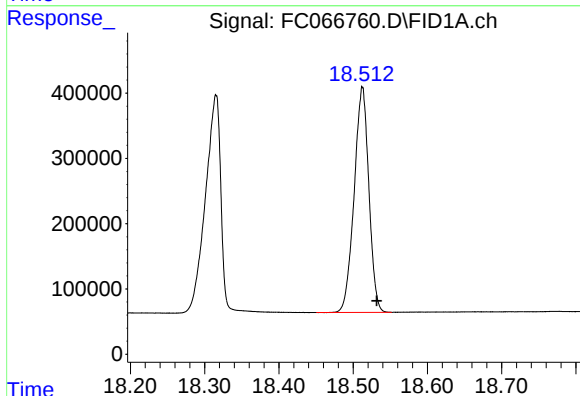
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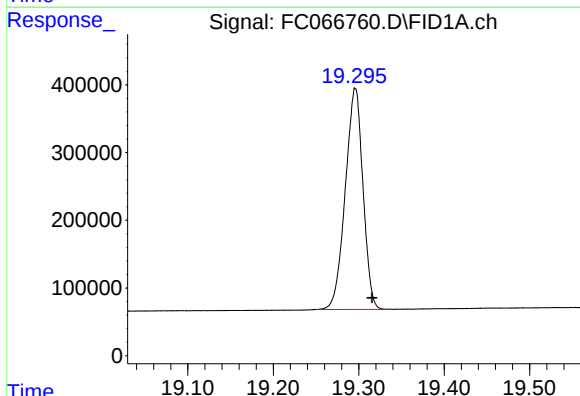
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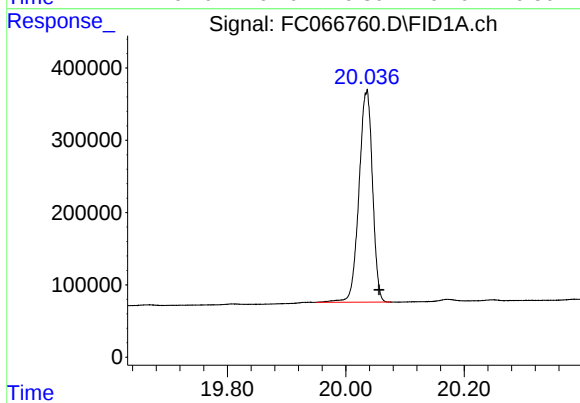
#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.020 min
Response: 4748462
Conc: 35.98 ug/ml



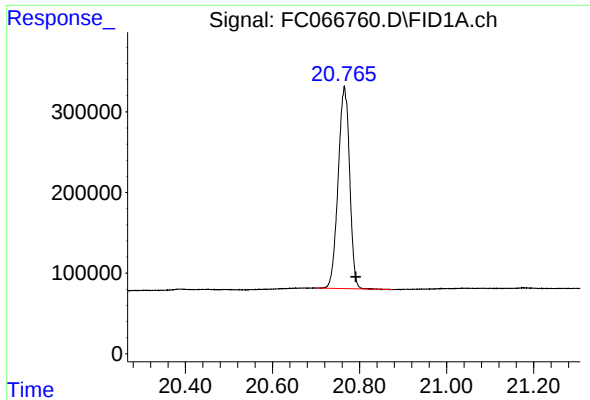
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min
Delta R.T.: -0.020 min
Response: 4693005
Conc: 37.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.036 min
Delta R.T.: -0.020 min
Response: 4644639
Conc: 38.54 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.026 min
Response: 4588114
Conc: 40.12 ug/ml

Instrument :

FID_C

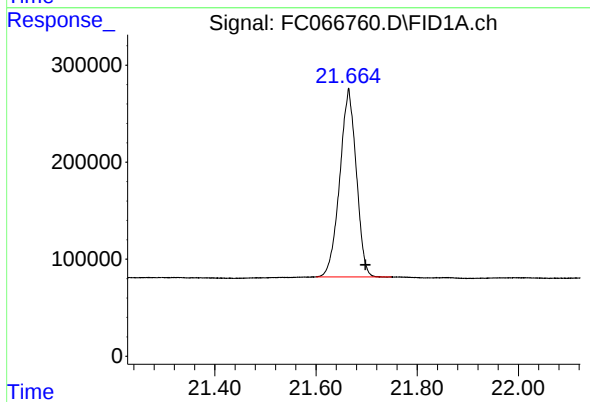
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#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.033 min
Response: 4392431
Conc: 39.11 ug/ml