

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064468.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 18:22
 Operator : YP/AJ
 Sample : PB155245BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB155245BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:17:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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			
12) S 1-chlorooctadecane (S...	12.948	5103638	33.473 ug/ml
Spiked Amount 50.000		Recovery =	66.95%
Target Compounds			
1) T n-Nonane (C9)	3.305	4159833	23.569 ug/ml
2) T n-Decane (C10)	4.366	5219892	29.756 ug/ml
4) T n-Dodecane (C12)	6.378	6193948	34.750 ug/ml
6) T n-Tetradecane (C14)	8.167	6598773	37.825 ug/ml
7) T n-Hexadecane (C16)	9.763	6955346	40.247 ug/ml
8) T n-Octadecane (C18)	11.201	7267905	41.513 ug/ml
10) T n-Eicosane (C20)	12.506	7403424	43.766 ug/ml
11) T n-Heneicosane (C21)	13.116	7098106	42.528 ug/ml
13) T n-Docosane (C22)	13.700	7002130	42.929 ug/ml
14) T n-Tetracosane (C24)	14.797	6790668	42.642 ug/ml
15) T n-Hexacosane (C26)	15.815	6498939	42.065 ug/ml
16) T n-Octacosane (C28)	16.762	6328142	42.743 ug/ml
17) T n-Tricontane (C30)	17.646	6190166	42.379 ug/ml
18) T n-Dotriacontane (C32)	18.475	6004923	42.511 ug/ml
19) T n-Tetratriacontane (C34)	19.255	5559541	41.609 ug/ml
20) T n-Hexatriacontane (C36)	19.993	5021792	39.245 ug/ml
21) T n-Octatriacontane (C38)	20.712	4868724	39.648 ug/mlm
22) T n-Tetracontane (C40)	21.597	4837029	41.651 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB155245BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

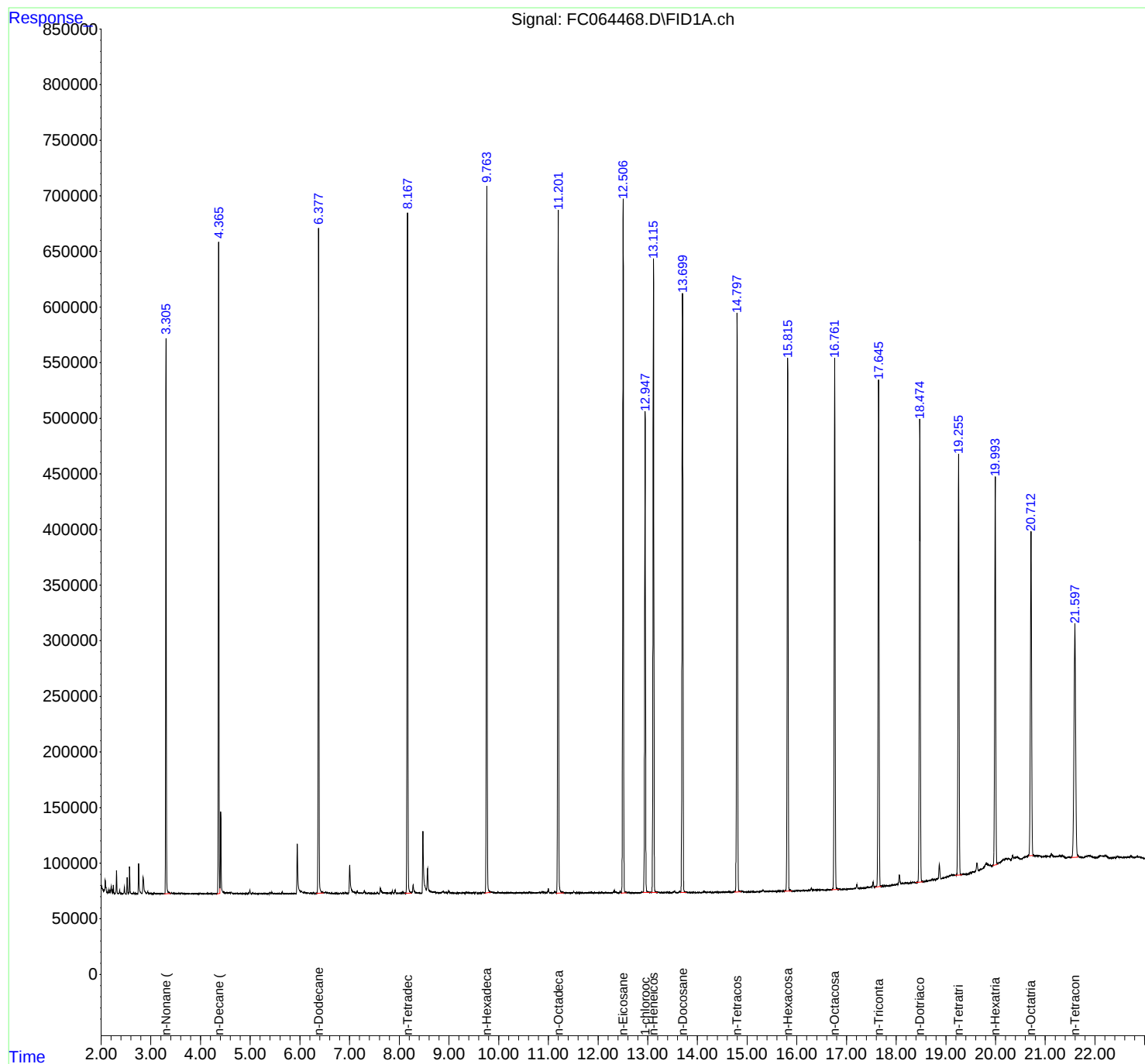
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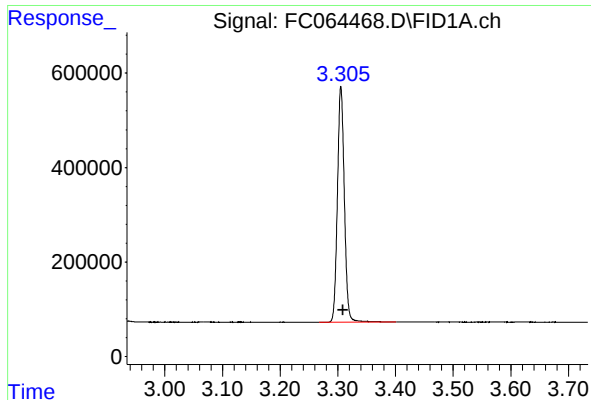
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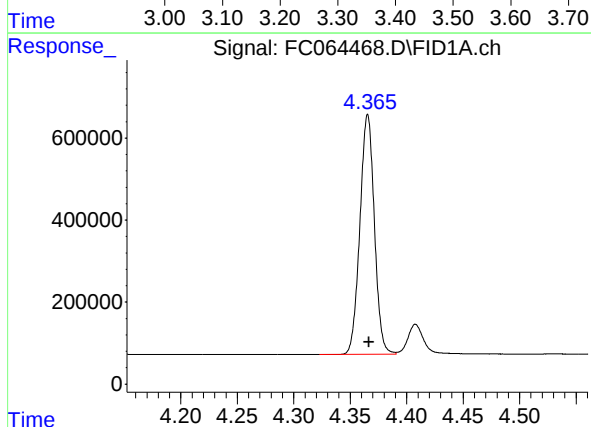
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.004 min
Response: 4159833
Conc: 23.57 ug/ml

Instrument :
FID_C
ClientSampleId :
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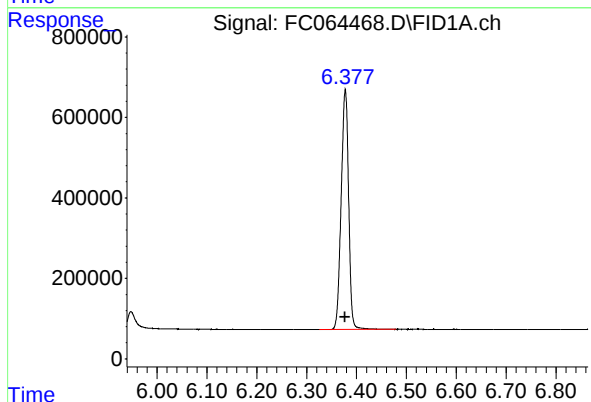
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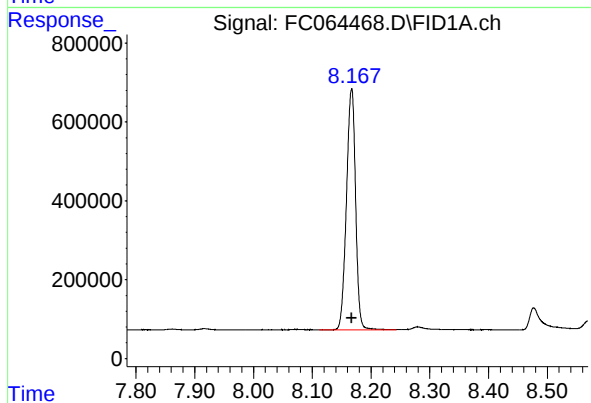
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.001 min
Response: 5219892
Conc: 29.76 ug/ml



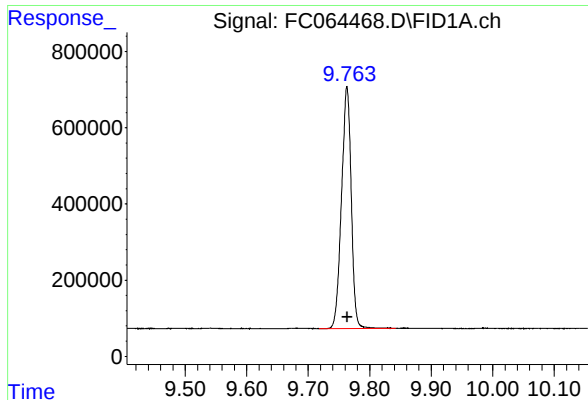
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 6193948
Conc: 34.75 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 6598773
Conc: 37.82 ug/ml



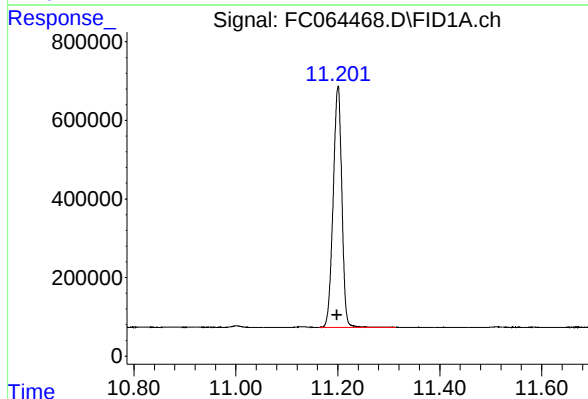
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: 0.000 min
Response: 6955346
Conc: 40.25 ug/ml

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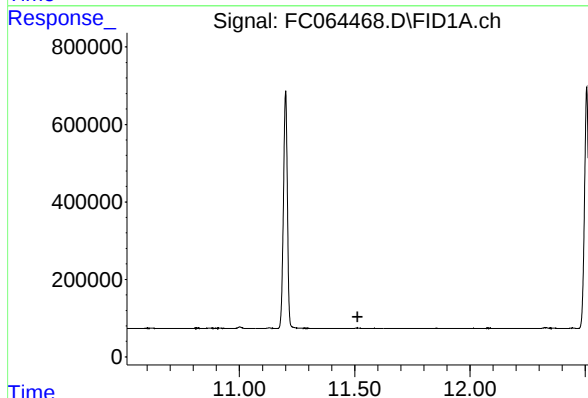
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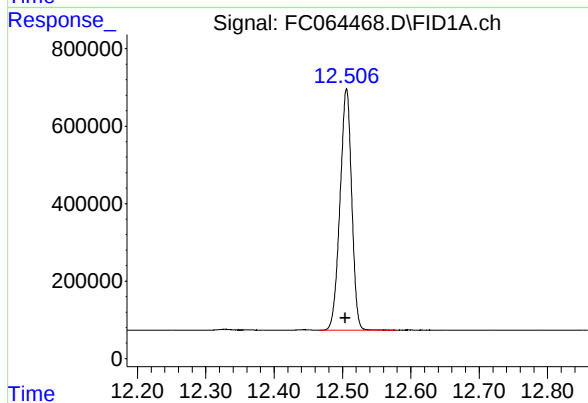
#8 n-Octadecane (C18)

R.T.: 11.201 min
Delta R.T.: 0.002 min
Response: 7267905
Conc: 41.51 ug/ml



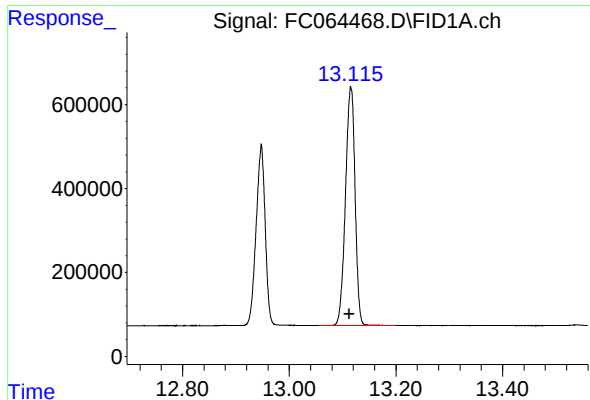
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.512 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.002 min
Response: 7403424
Conc: 43.77 ug/ml



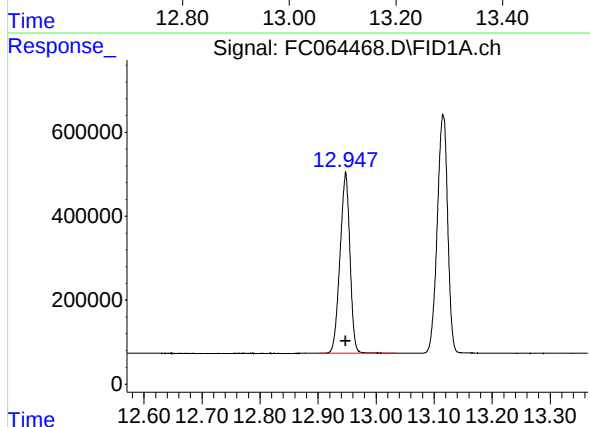
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.003 min
Response: 7098106
Conc: 42.53 ug/ml

Instrument :
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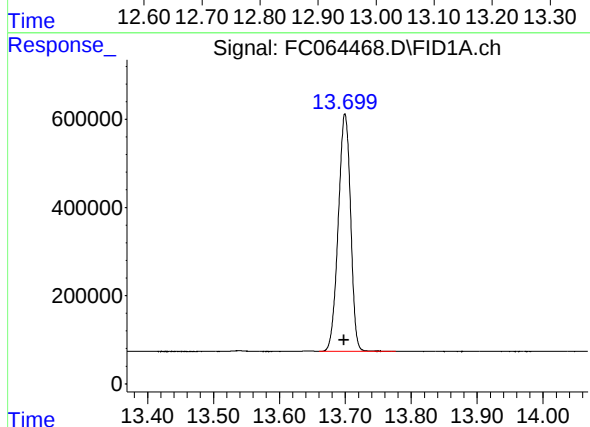
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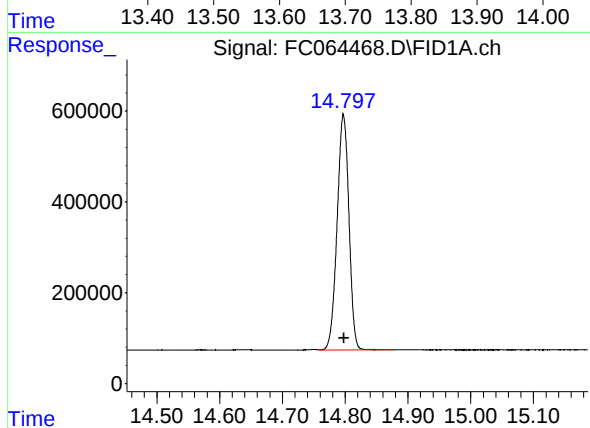
#12 1-chlorooctadecane (SURR)

R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 5103638
Conc: 33.47 ug/ml



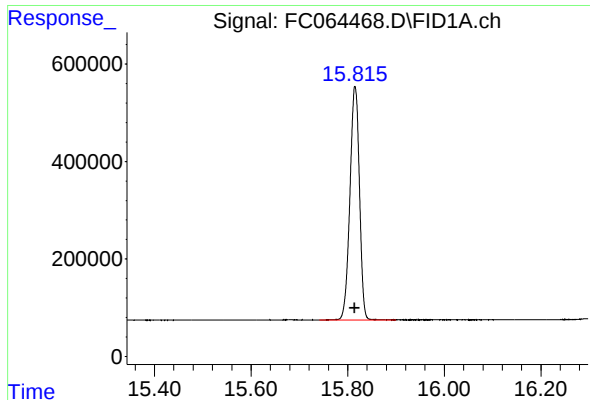
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.001 min
Response: 7002130
Conc: 42.93 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.001 min
Response: 6790668
Conc: 42.64 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.001 min
Response: 6498939
Conc: 42.06 ug/ml

Instrument :

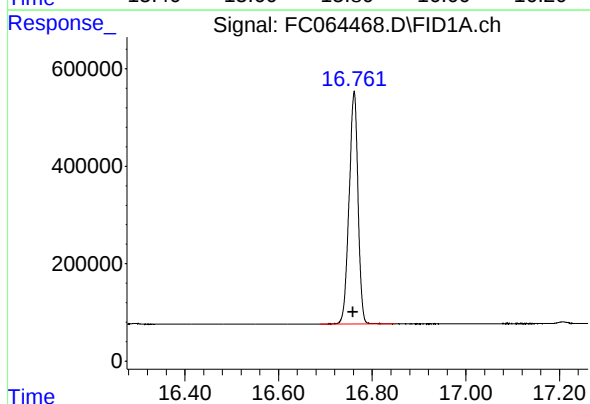
FID_C

ClientSampleId :

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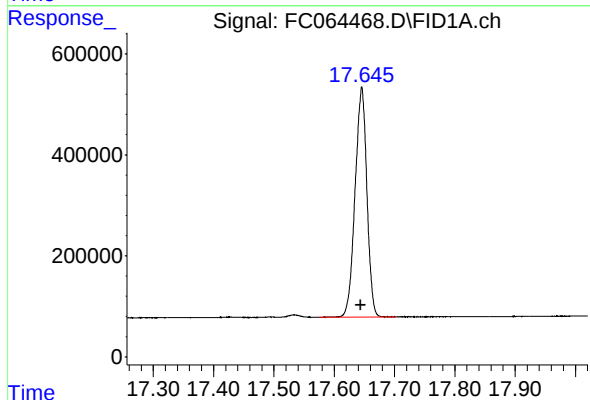
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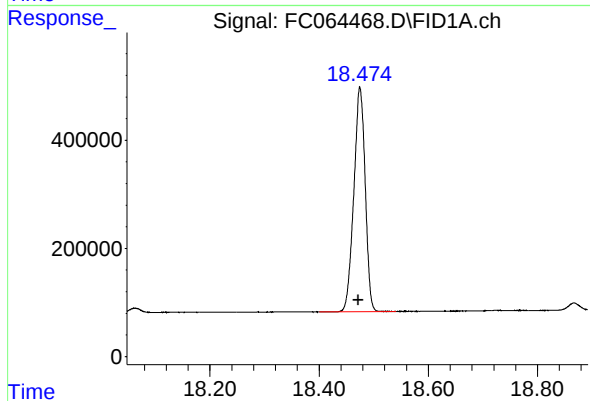
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.003 min
Response: 6328142
Conc: 42.74 ug/ml



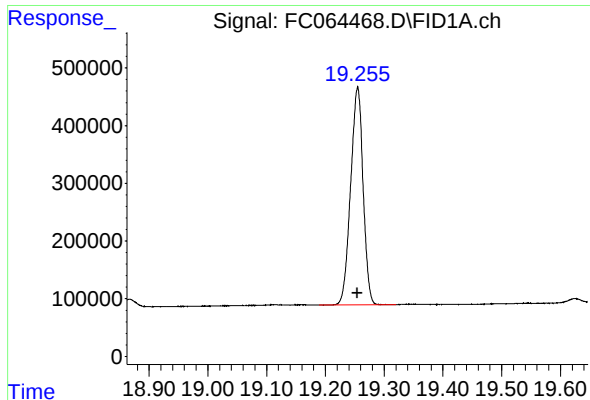
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.002 min
Response: 6190166
Conc: 42.38 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.003 min
Response: 6004923
Conc: 42.51 ug/ml



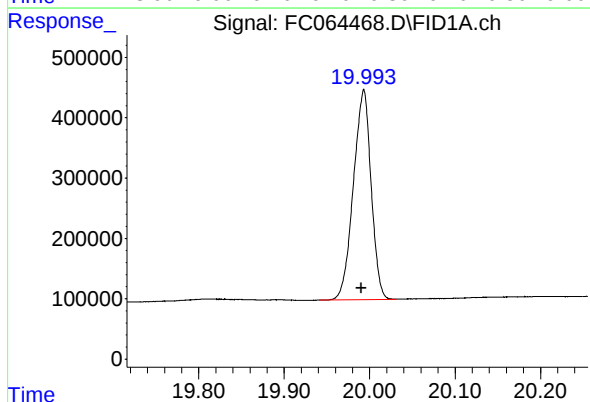
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.001 min
Response: 5559541
Conc: 41.61 ug/ml

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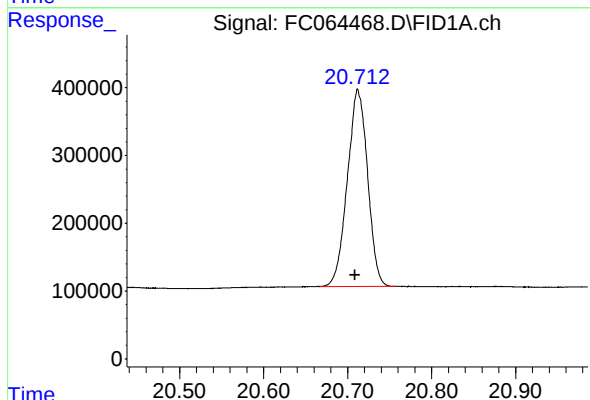
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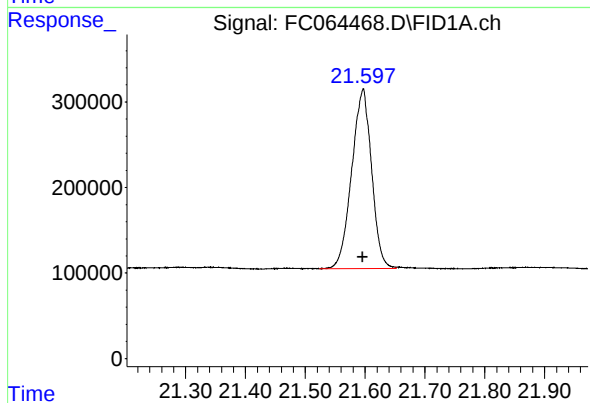
#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: 0.003 min
Response: 5021792
Conc: 39.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: 0.003 min
Response: 4868724
Conc: 39.65 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.001 min
Response: 4837029
Conc: 41.65 ug/ml m