

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102722AL\
 Data File : FC061966.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2022 17:44
 Operator : YP/AJ
 Sample : PB148589BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148589BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: autoint1.e
 Quant Time: Oct 28 06:14:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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			
9) S ortho-Terphenyl (SURR)	11.592	6597238	44.383 ug/ml
Spiked Amount 50.000		Recovery =	88.77%
12) S 1-chlorooctadecane (S...	13.027	5460360	46.869 ug/ml
Spiked Amount 50.000		Recovery =	93.74%
Target Compounds			
1) T n-Nonane (C9)	3.361	5360046	38.106 ug/ml
2) T n-Decane (C10)	4.423	5655692	39.621 ug/ml
3) T A~Naphthalene (C11.7)	6.005	6499890	42.110 ug/ml
4) T n-Dodecane (C12)	6.435	6371702	43.891 ug/ml
5) T A~2-methylnaphthalene...	7.061	6617875	43.626 ug/ml
6) T n-Tetradecane (C14)	8.233	6753851	46.462 ug/ml
7) T n-Hexadecane (C16)	9.832	6900561	47.386 ug/ml
8) T n-Octadecane (C18)	11.275	7013491	48.523 ug/ml
10) T n-Eicosane (C20)	12.583	6707830	47.527 ug/ml
11) T n-Heneicosane (C21)	13.195	6599109	47.559 ug/ml
13) T n-Docosane (C22)	13.781	6441054	46.984 ug/ml
14) T n-Tetracosane (C24)	14.871	11564235	87.521 ug/ml
15) T n-Hexacosane (C26)	15.906	5859492	46.502 ug/ml
16) T n-Octacosane (C28)	16.853	5652649	46.869 ug/ml
17) T n-Tricontane (C30)	17.741	5410844	45.476 ug/ml
18) T n-Dotriacontane (C32)	18.573	5354475	45.445 ug/ml
19) T n-Tetratriacontane (C34)	19.355	5302900	46.939 ug/ml
20) T n-Hexatriacontane (C36)	20.093	5103905	45.004 ug/ml
21) T n-Octatriacontane (C38)	20.829	5092832	45.262 ug/ml
22) T n-Tetracontane (C40)	21.746	4910643	43.740 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

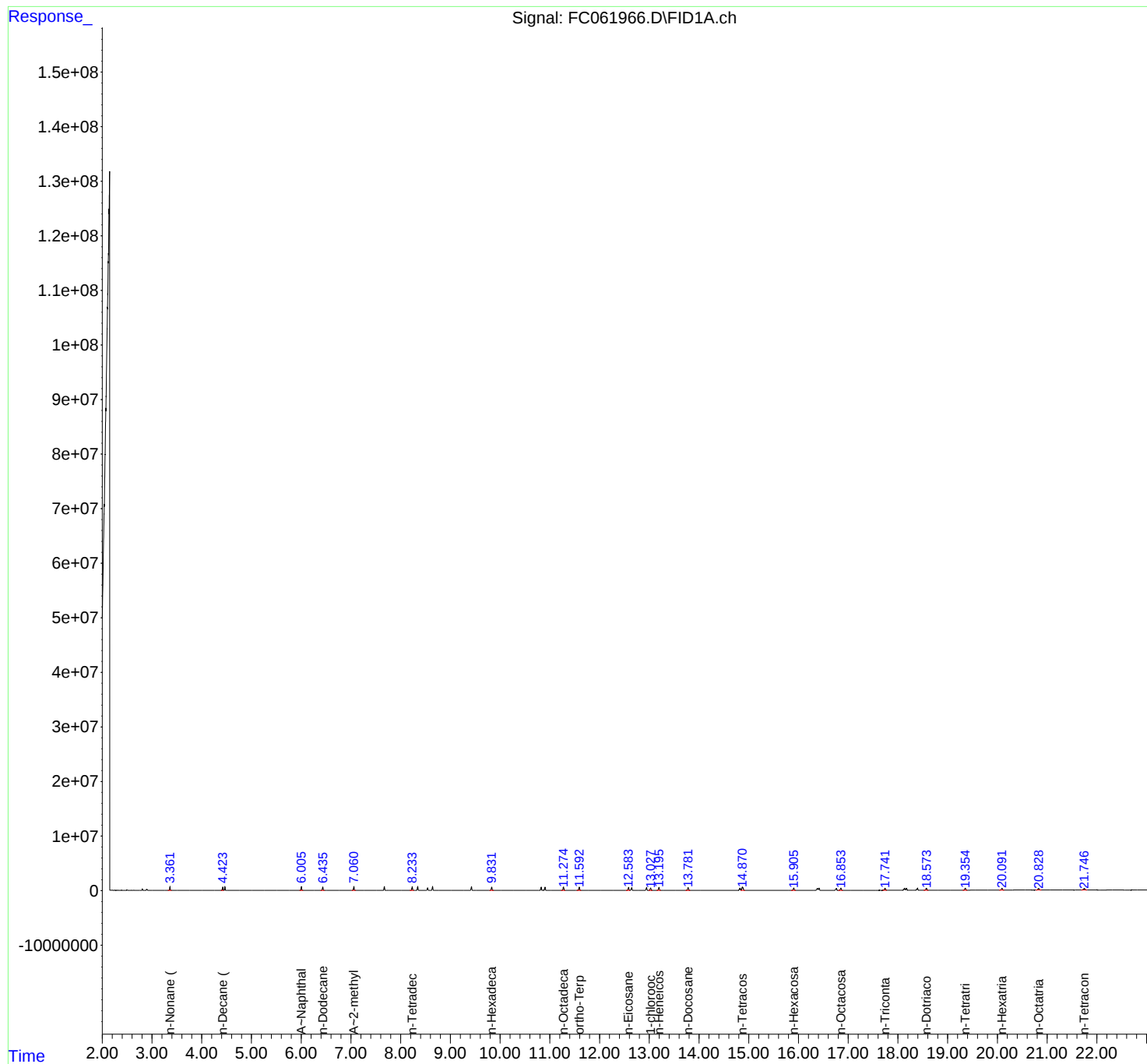
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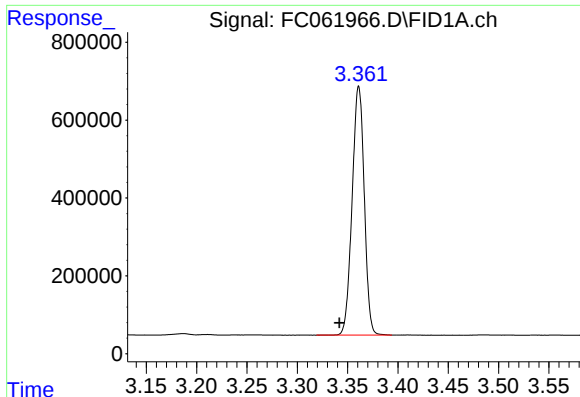
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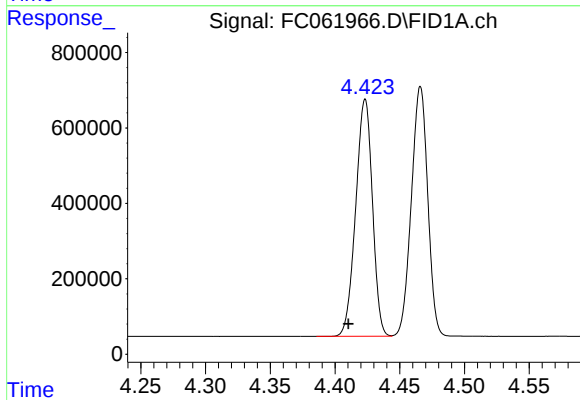
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.019 min
Response: 5360046
Conc: 38.11 ug/ml

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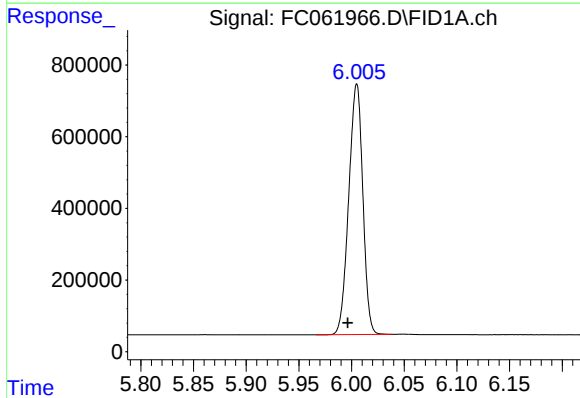
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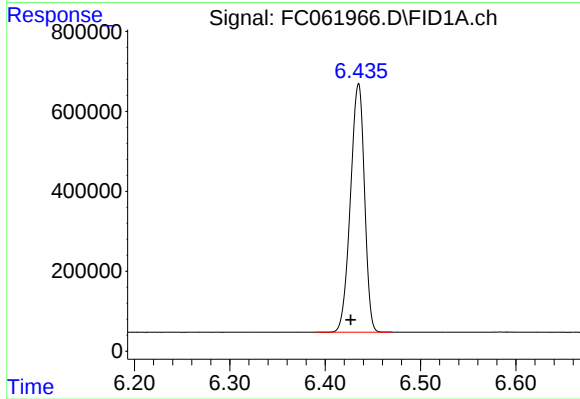
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: 0.013 min
Response: 5655692
Conc: 39.62 ug/ml



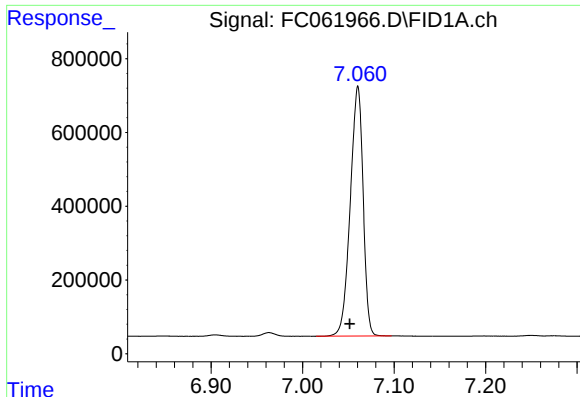
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: 0.008 min
Response: 6499890
Conc: 42.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: 0.008 min
Response: 6371702
Conc: 43.89 ug/ml



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

R.T.: 7.061 min
Delta R.T.: 0.009 min
Response: 6617875
Conc: 43.63 ug/ml

Instrument :

FID_C

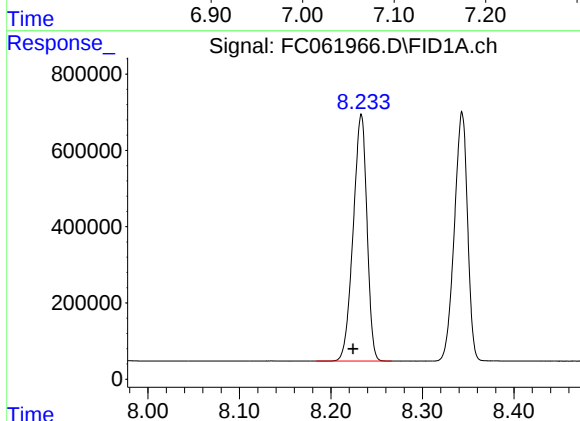
ClientSampleId :

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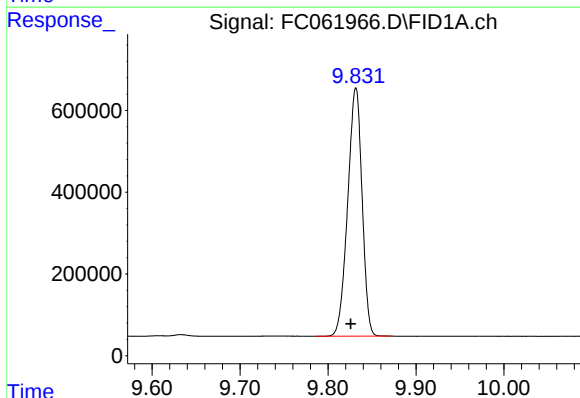
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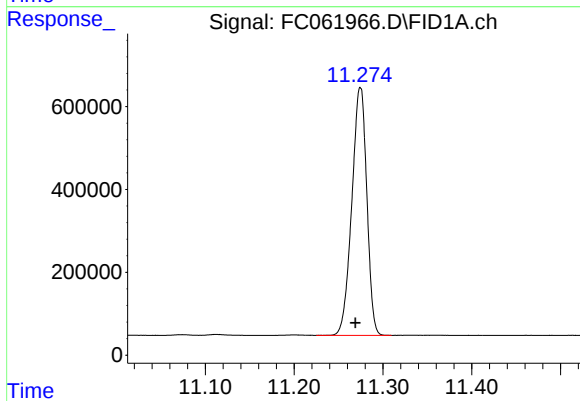
#6 n-Tetradecane (C14)

R.T.: 8.233 min
Delta R.T.: 0.009 min
Response: 6753851
Conc: 46.46 ug/ml



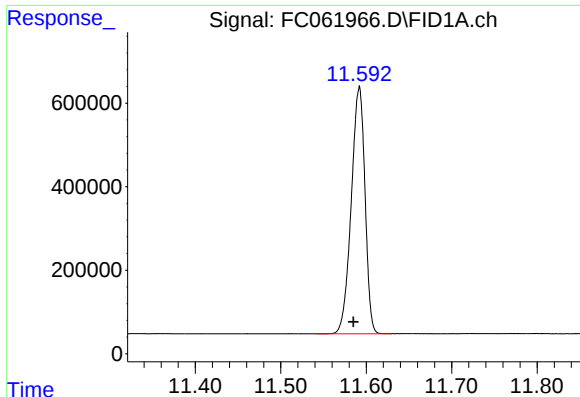
#7 n-Hexadecane (C16)

R.T.: 9.832 min
Delta R.T.: 0.006 min
Response: 6900561
Conc: 47.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: 0.006 min
Response: 7013491
Conc: 48.52 ug/ml



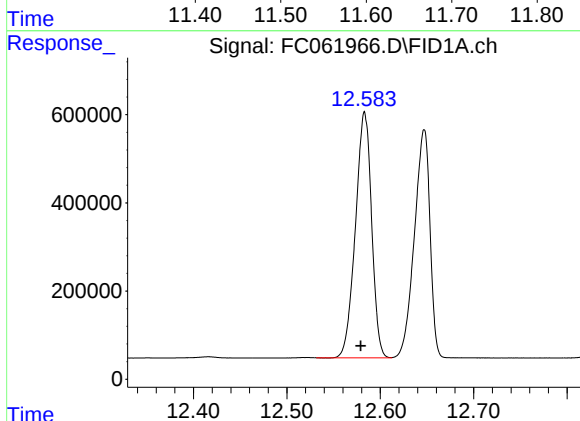
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: 0.007 min
Response: 6597238
Conc: 44.38 ug/ml

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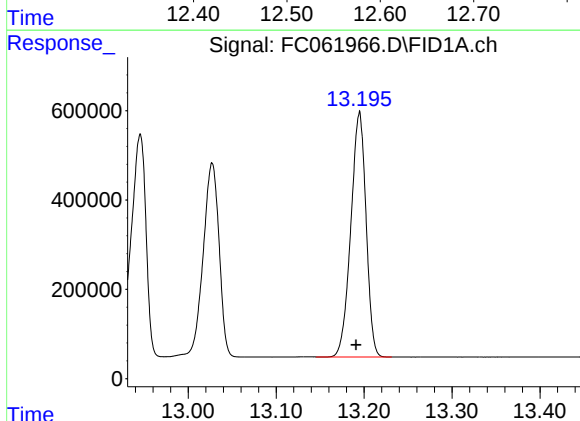
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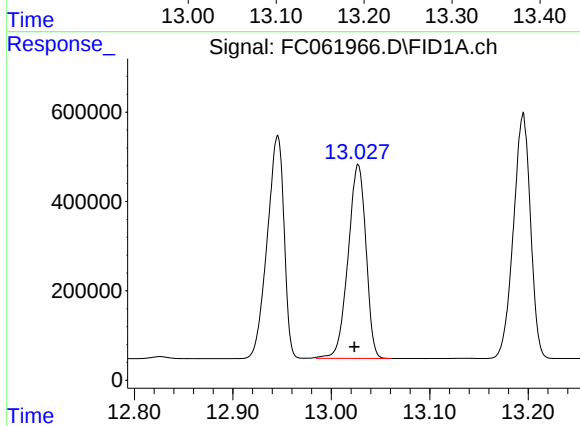
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: 0.004 min
Response: 6707830
Conc: 47.53 ug/ml



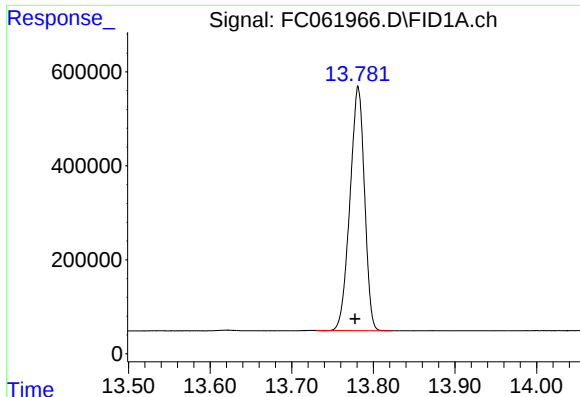
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.004 min
Response: 6599109
Conc: 47.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: 0.004 min
Response: 5460360
Conc: 46.87 ug/ml



#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.004 min
Response: 6441054
Conc: 46.98 ug/ml

Instrument :

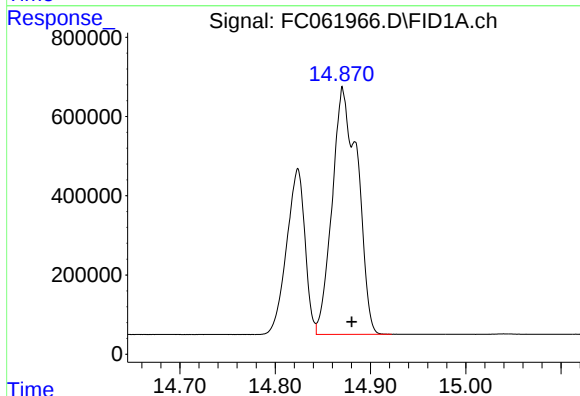
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ClientSampleId :

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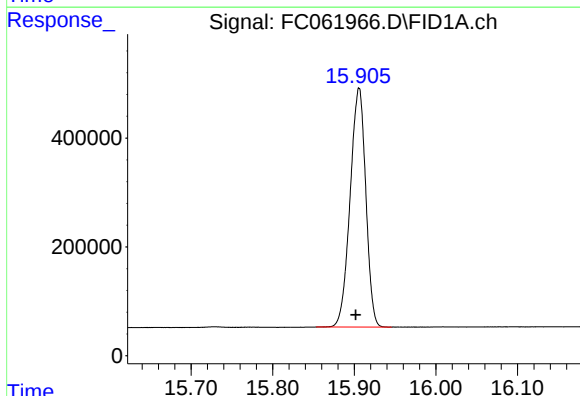
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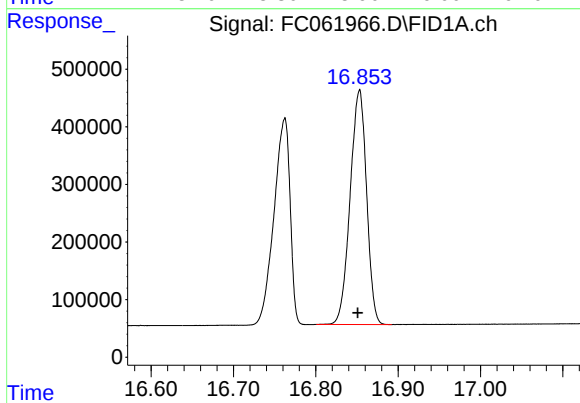
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.010 min
Response: 11564235
Conc: 87.52 ug/ml



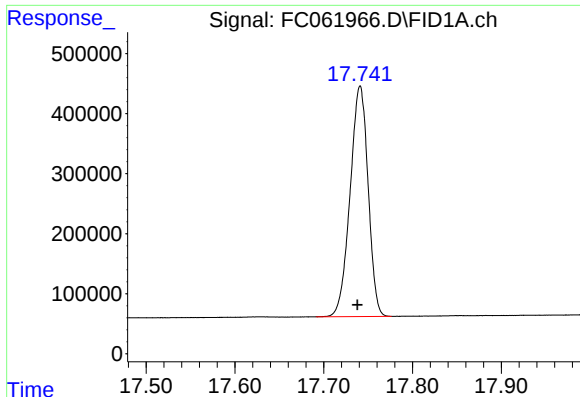
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: 0.004 min
Response: 5859492
Conc: 46.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: 0.002 min
Response: 5652649
Conc: 46.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: 0.003 min
Response: 5410844
Conc: 45.48 ug/ml

Instrument :

FID_C

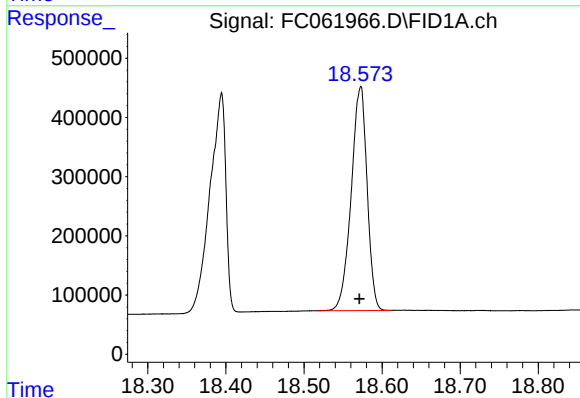
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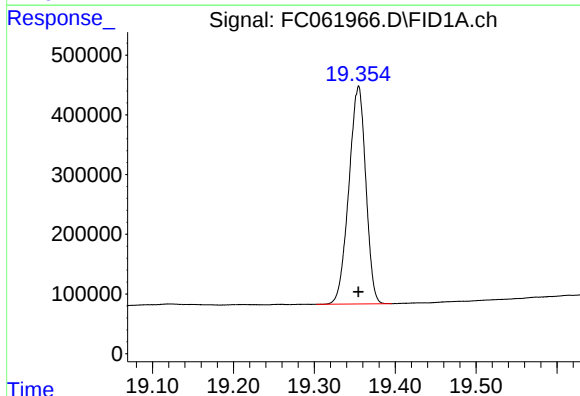
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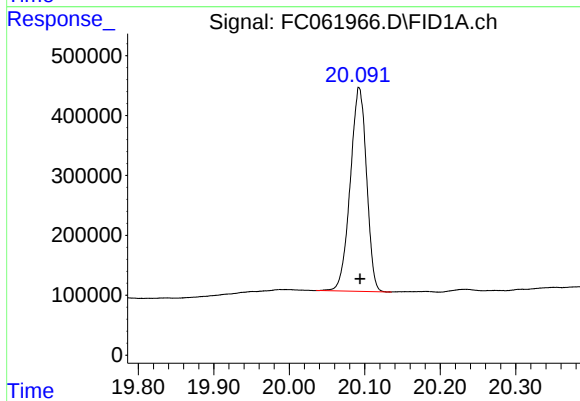
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: 0.002 min
Response: 5354475
Conc: 45.45 ug/ml



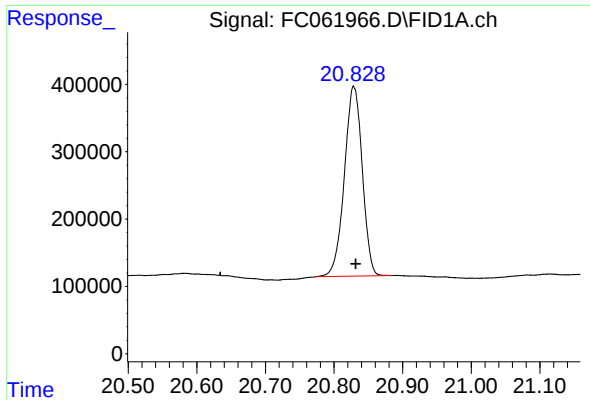
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: 0.000 min
Response: 5302900
Conc: 46.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.001 min
Response: 5103905
Conc: 45.00 ug/ml



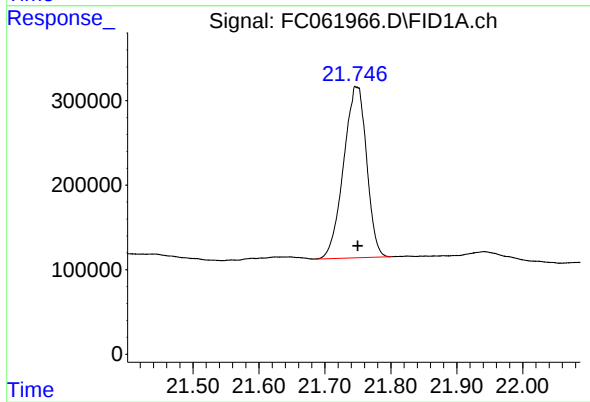
#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.003 min
Response: 5092832
Conc: 45.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: -0.004 min
Response: 4910643
Conc: 43.74 ug/ml m