

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066520.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 16:47
 Operator : YP/AJ
 Sample : PB161255BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161255BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 04:08:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.561	6396386	42.083 ug/ml
Spiked Amount 50.000		Recovery =	84.17%
12) S 1-chlorooctadecane (S...	12.999	5089369	44.538 ug/ml
Spiked Amount 50.000		Recovery =	89.08%
Target Compounds			
1) T n-Nonane (C9)	3.324	5286391	37.772 ug/ml
2) T n-Decane (C10)	4.387	5654911	39.302 ug/ml
3) T A~Naphthalene (C11.7)	5.967	6909118	43.358 ug/ml
4) T n-Dodecane (C12)	6.403	5880028	40.835 ug/ml
5) T A~2-methylnaphthalene...	7.025	7169858	46.750 ug/ml
6) T n-Tetradecane (C14)	8.202	6472664	45.849 ug/ml
7) T n-Hexadecane (C16)	9.802	6694635	46.583 ug/ml
8) T n-Octadecane (C18)	11.246	6663073	46.560 ug/ml
10) T n-Eicosane (C20)	12.556	6668944	49.013 ug/ml
11) T n-Heneicosane (C21)	13.167	6428352	48.223 ug/ml
13) T n-Docosane (C22)	13.754	6361734	48.269 ug/ml
14) T n-Tetracosane (C24)	14.857	5281451	40.572 ug/ml
15) T n-Hexacosane (C26)	15.880	6160301	48.438 ug/ml
16) T n-Octacosane (C28)	16.828	6093457	49.082 ug/ml
17) T n-Tricontane (C30)	17.719	6067451	48.144 ug/ml
18) T n-Dotriacontane (C32)	18.549	6045540	49.119 ug/ml
19) T n-Tetratriacontane (C34)	19.334	6060949	50.540 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	5844525	48.240 ug/ml
21) T n-Octatriacontane (C38)	20.809	5888243	50.900 ug/ml
22) T n-Tetracontane (C40)	21.722	5737663	46.840 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB161255BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

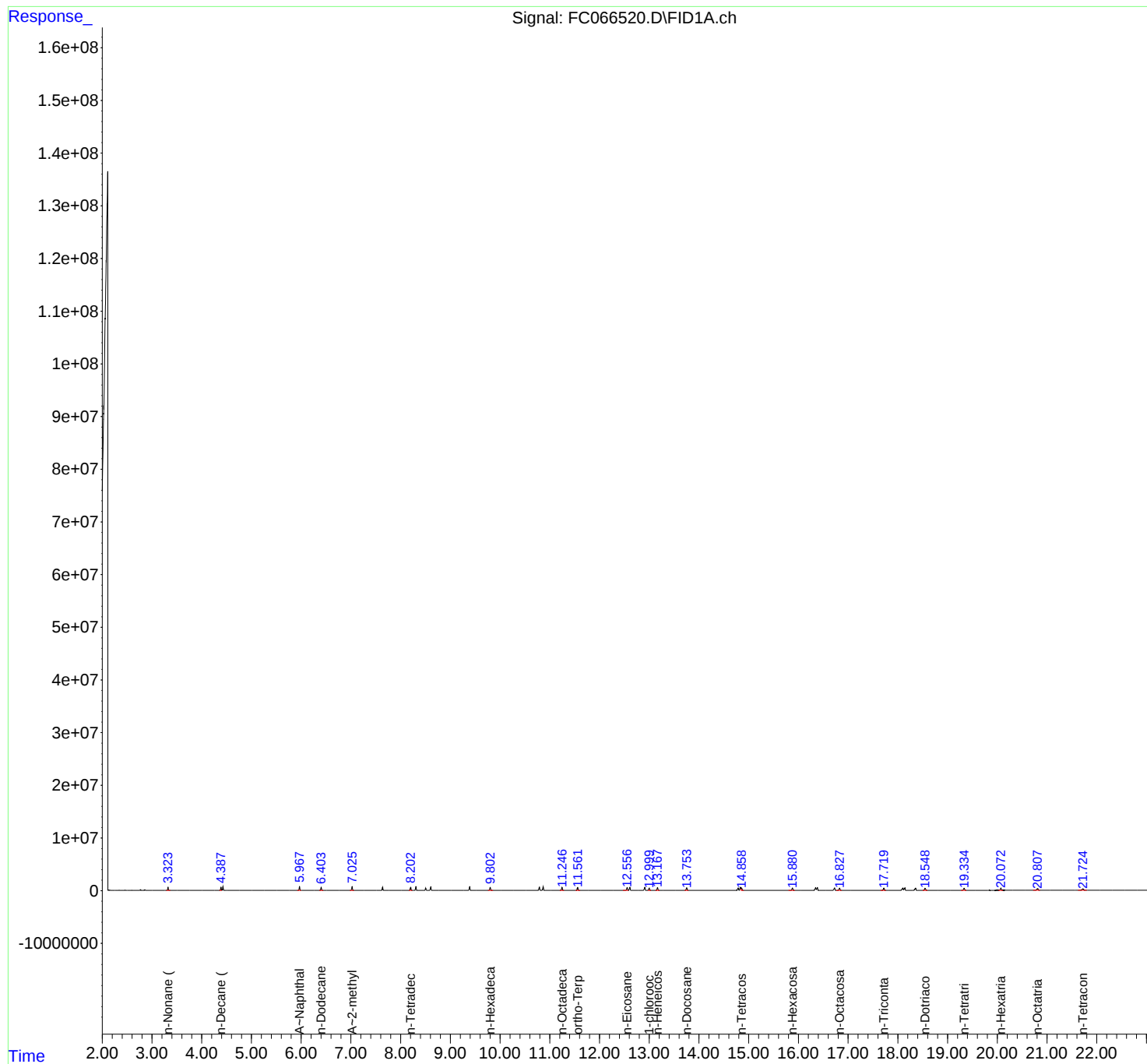
Instrument :
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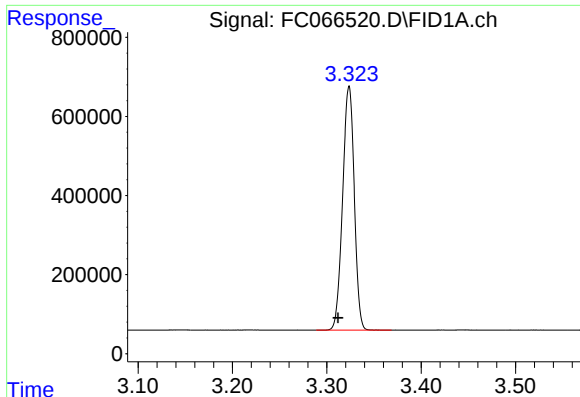
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: 0.012 min
Response: 5286391
Conc: 37.77 ug/ml

Instrument :

FID_C

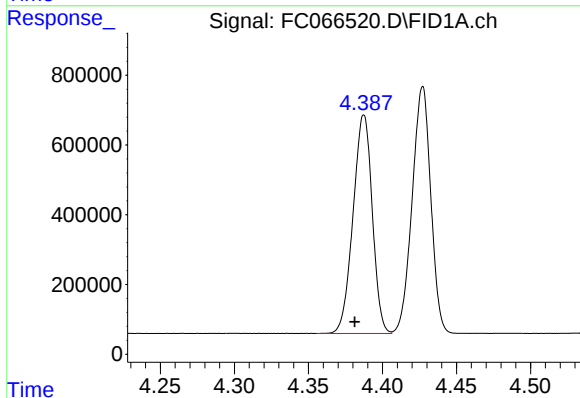
ClientSampleId :

PB161255BS

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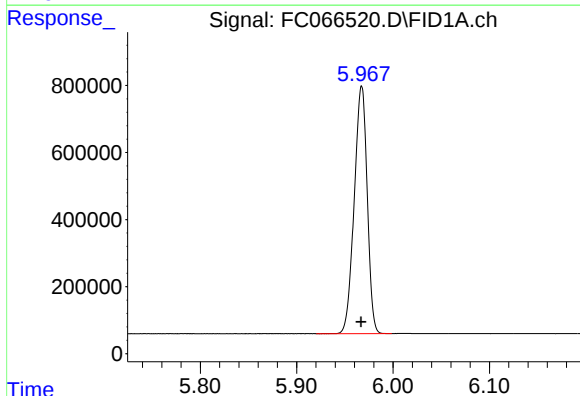
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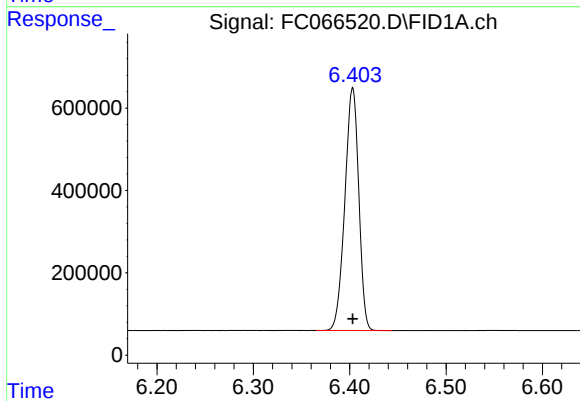
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: 0.006 min
Response: 5654911
Conc: 39.30 ug/ml



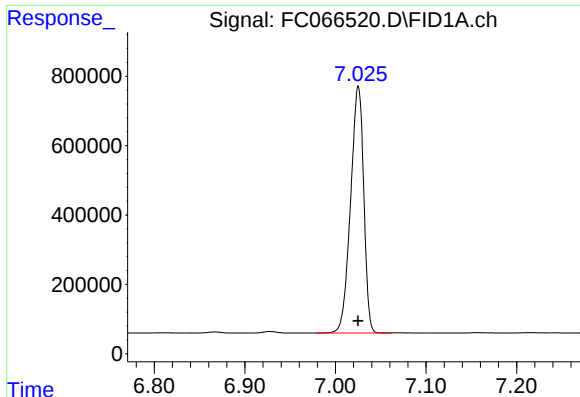
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 6909118
Conc: 43.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 5880028
Conc: 40.84 ug/ml



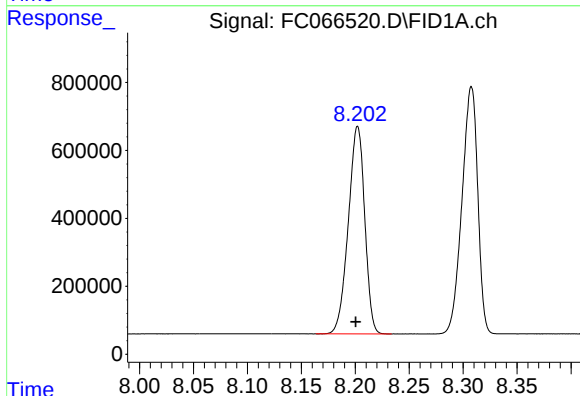
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 7169858
Conc: 46.75 ug/ml

Instrument :
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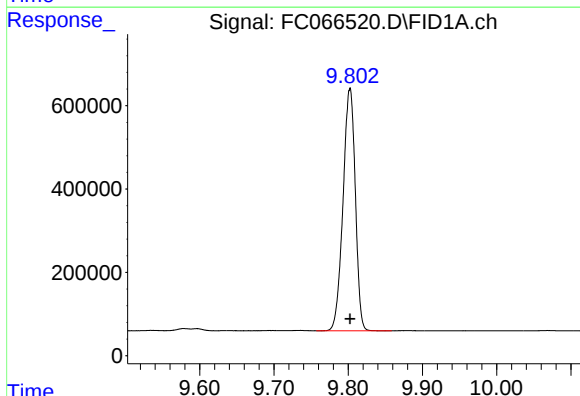
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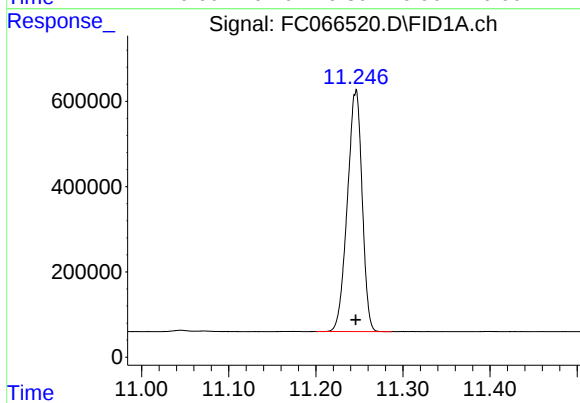
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.002 min
Response: 6472664
Conc: 45.85 ug/ml



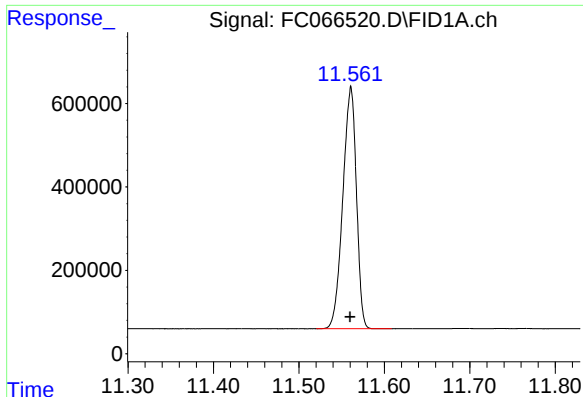
#7 n-Hexadecane (C16)

R.T.: 9.802 min
Delta R.T.: 0.000 min
Response: 6694635
Conc: 46.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 6663073
Conc: 46.56 ug/ml



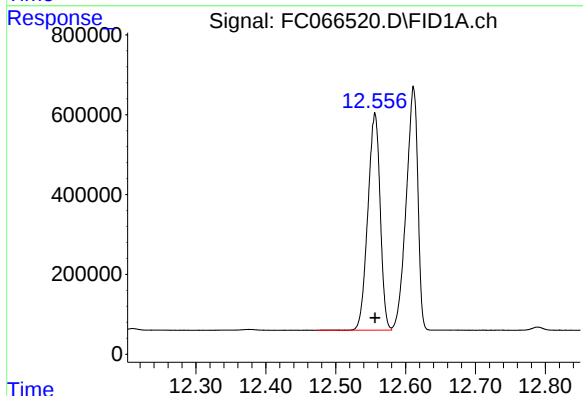
#9 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: 0.000 min
Response: 6396386
Conc: 42.08 ug/ml

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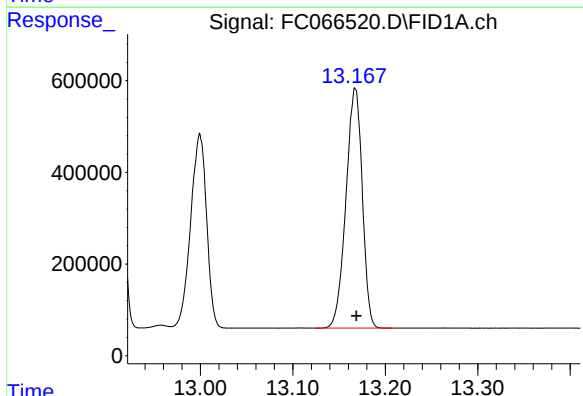
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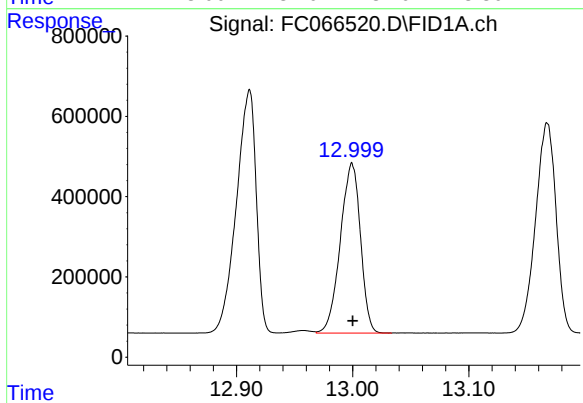
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.000 min
Response: 6668944
Conc: 49.01 ug/ml



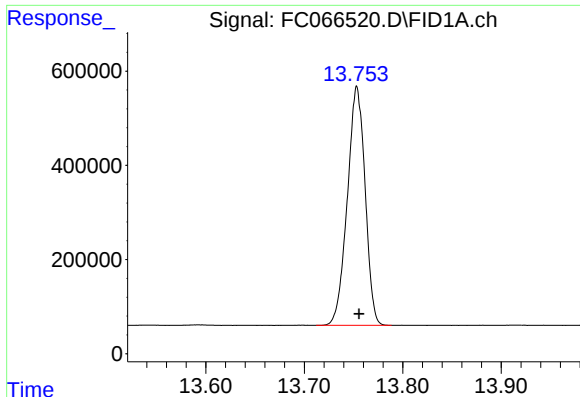
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.001 min
Response: 6428352
Conc: 48.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: 0.000 min
Response: 5089369
Conc: 44.54 ug/ml



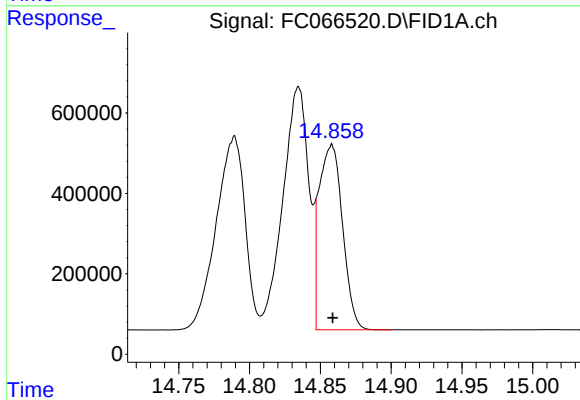
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.002 min
Response: 6361734
Conc: 48.27 ug/ml

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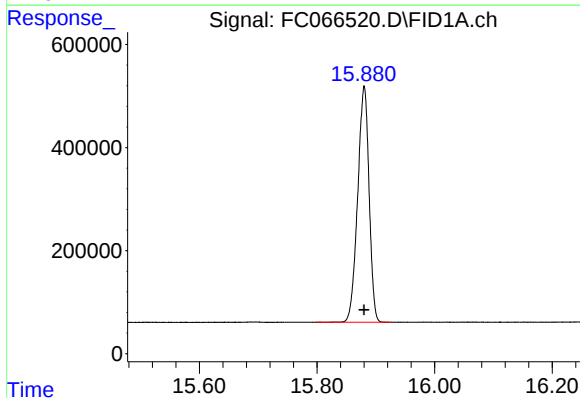
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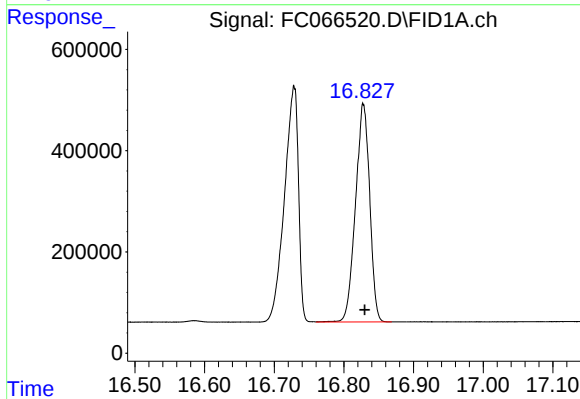
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.001 min
Response: 5281451
Conc: 40.57 ug/ml



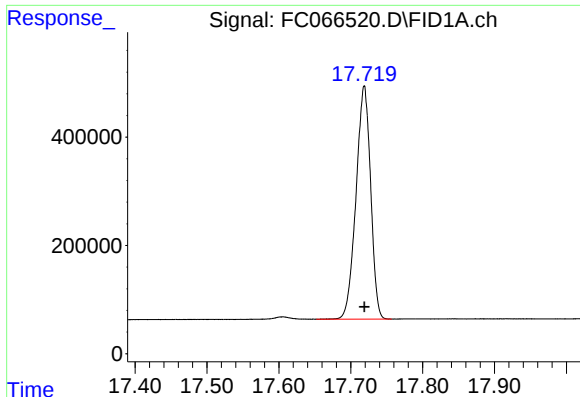
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 6160301
Conc: 48.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.002 min
Response: 6093457
Conc: 49.08 ug/ml



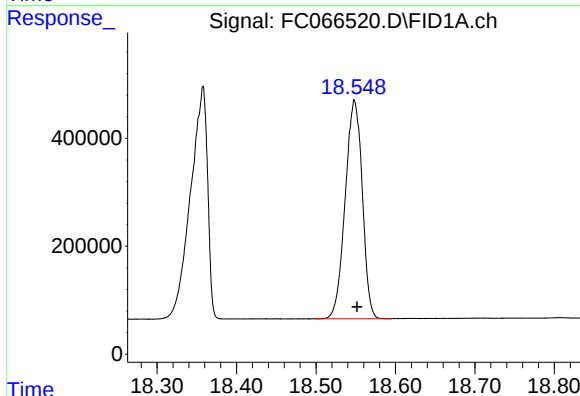
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 6067451
Conc: 48.14 ug/ml

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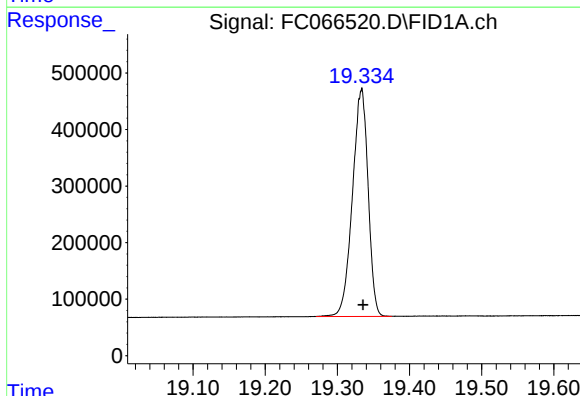
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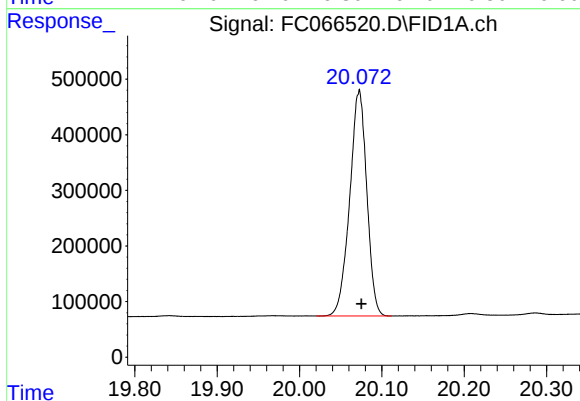
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: -0.003 min
Response: 6045540
Conc: 49.12 ug/ml



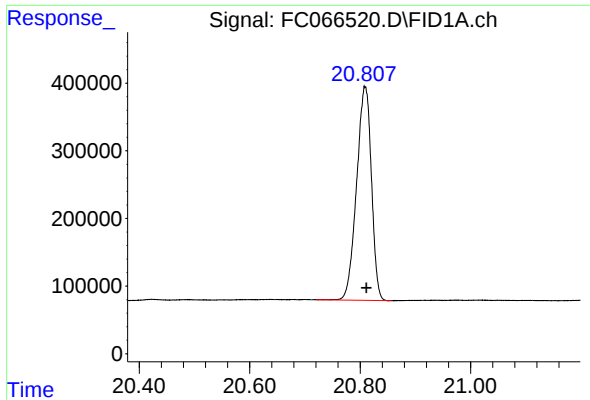
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.002 min
Response: 6060949
Conc: 50.54 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: -0.003 min
Response: 5844525
Conc: 48.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.003 min
Response: 5888243
Conc: 50.90 ug/ml

Instrument :

FID_C

ClientSampleId :

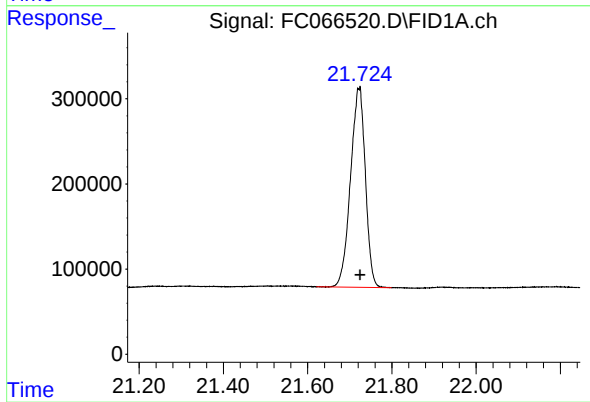
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#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 5737663
Conc: 46.84 ug/ml