

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055243.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2021 23:28
 Operator : AJ\MA
 Sample : PB138453BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138453BSD

Manual Integrations
 APPROVED

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Integration File: sample.E
 Quant Time: Aug 18 05:43:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.745	2746232	27.710 ug/ml
Spiked Amount 50.000		Recovery =	55.42%
Target Compounds			
1) T n-Nonane (C9)	3.141	3032707	29.003 ug/ml
2) T n-Decane (C10)	4.191	4129355	39.213 ug/ml
4) T n-Dodecane (C12)	6.191	5082951	46.808 ug/ml
6) T n-Tetradecane (C14)	7.975	5299413	47.470 ug/ml
7) T n-Hexadecane (C16)	9.567	5489165	48.128 ug/ml
8) T n-Octadecane (C18)	11.003	5799520	49.181 ug/ml
10) T n-Eicosane (C20)	12.306	5600656	47.704 ug/ml
11) T n-Heneicosane (C21)	12.915	5575316	47.218 ug/ml
13) T n-Docosane (C22)	13.499	5440270	46.579 ug/ml
14) T n-Tetracosane (C24)	14.597	5269894	45.528 ug/ml
15) T n-Hexacosane (C26)	15.613	5023656	44.826 ug/ml
16) T n-Octacosane (C28)	16.560	4844047	44.616 ug/ml
17) T n-Tricontane (C30)	17.444	4698286	44.998 ug/ml
18) T n-Dotriacontane (C32)	18.274	4564797	46.093 ug/mlm
19) T n-Tetratriacontane (C34)	19.054	4388406	46.302 ug/ml
20) T n-Hexatriacontane (C36)	19.792	4181132	46.269 ug/mlm
21) T n-Octatriacontane (C38)	20.492	3961034	45.843 ug/ml
22) T n-Tetracontane (C40)	21.295	4015583	45.091 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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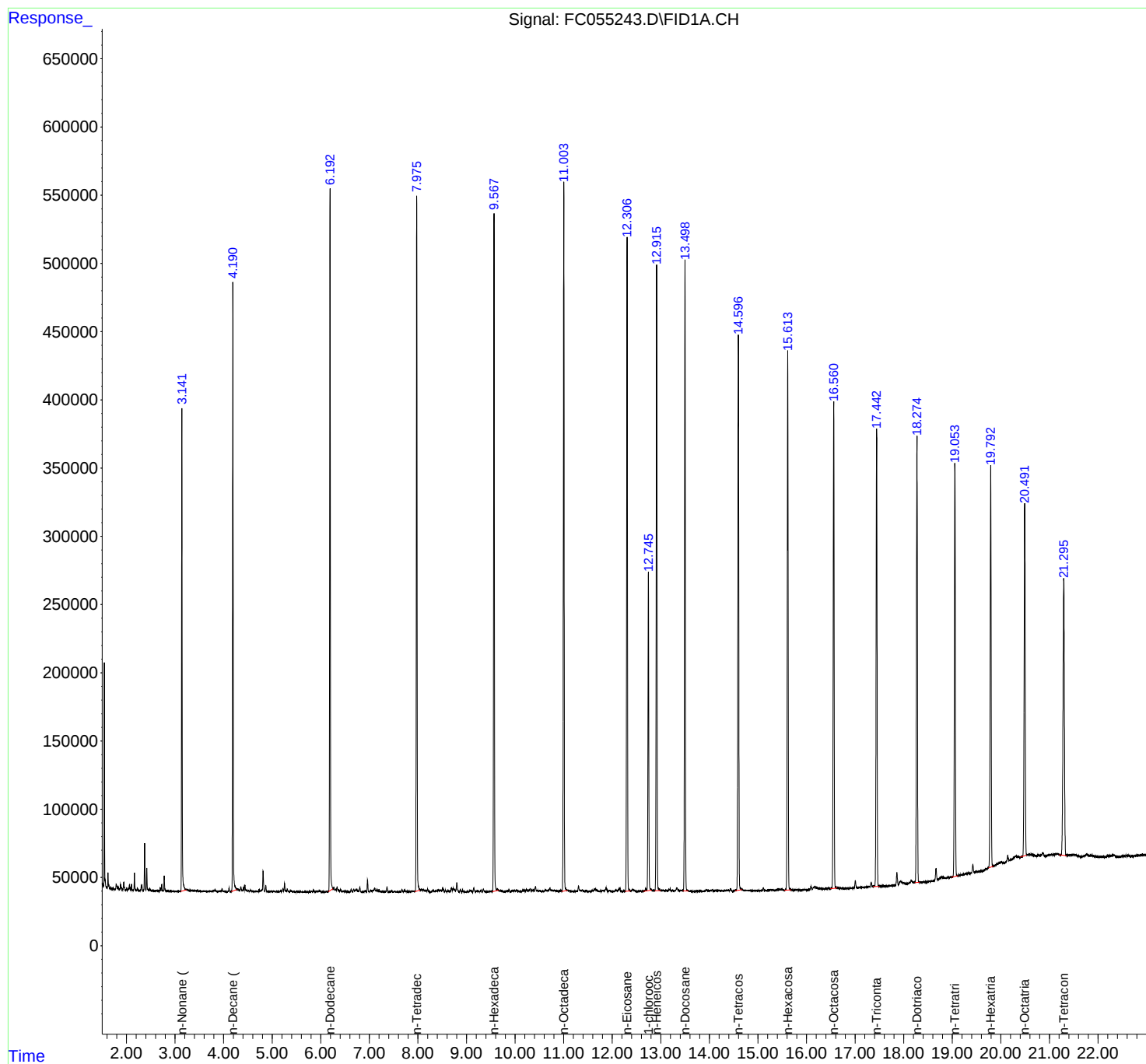
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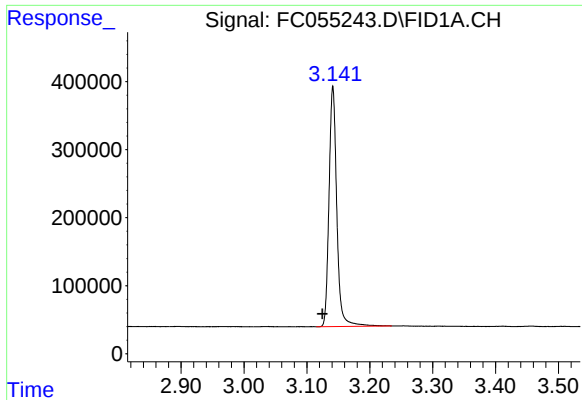
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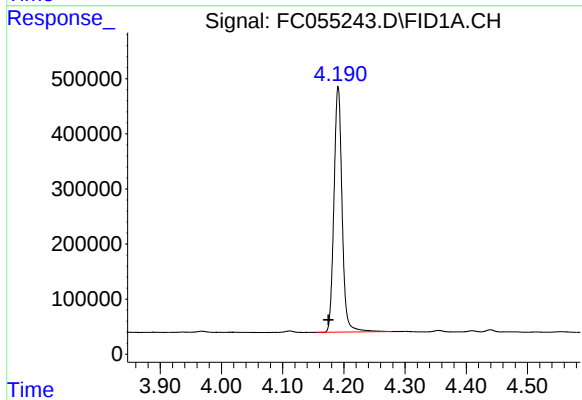
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: 0.016 min
Response: 3032707
Conc: 29.00 ug/ml

Instrument :
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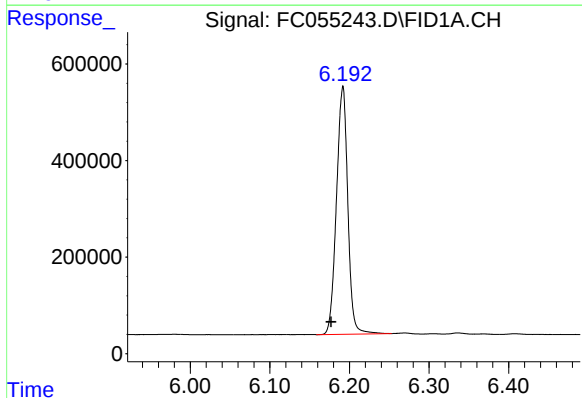
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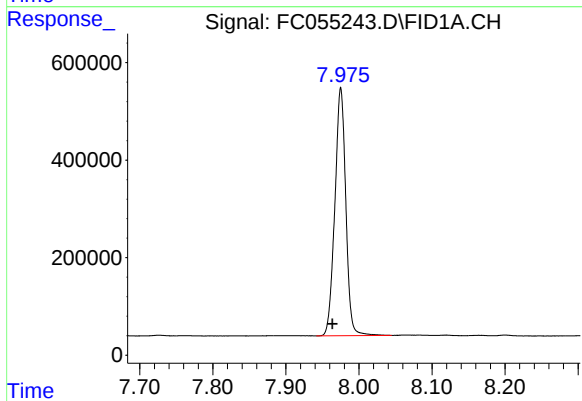
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.016 min
Response: 4129355
Conc: 39.21 ug/ml



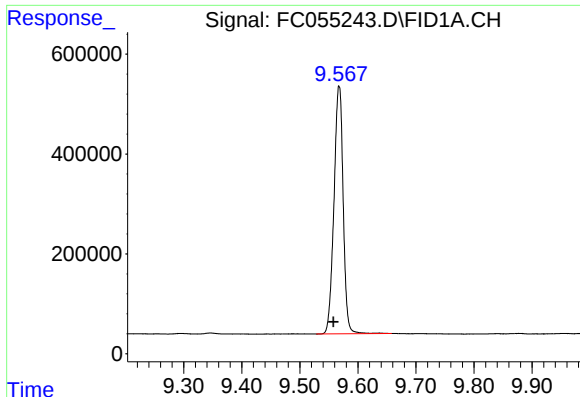
#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.014 min
Response: 5082951
Conc: 46.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.975 min
Delta R.T.: 0.011 min
Response: 5299413
Conc: 47.47 ug/ml



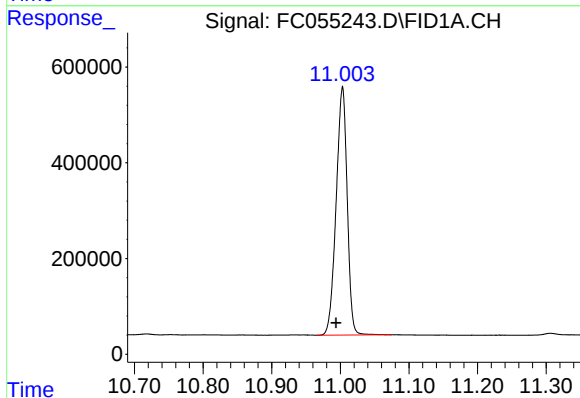
#7 n-Hexadecane (C16)

R.T.: 9.567 min
Delta R.T.: 0.010 min
Response: 5489165
Conc: 48.13 ug/ml

Instrument :
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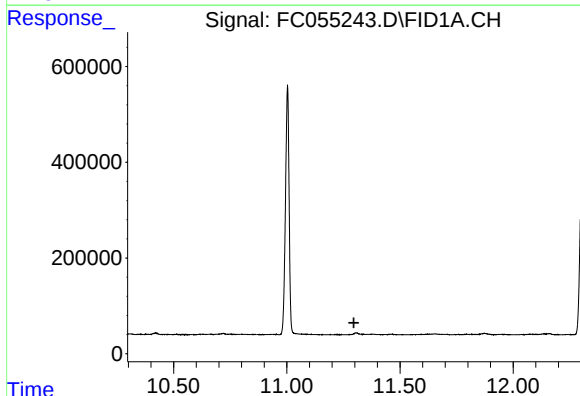
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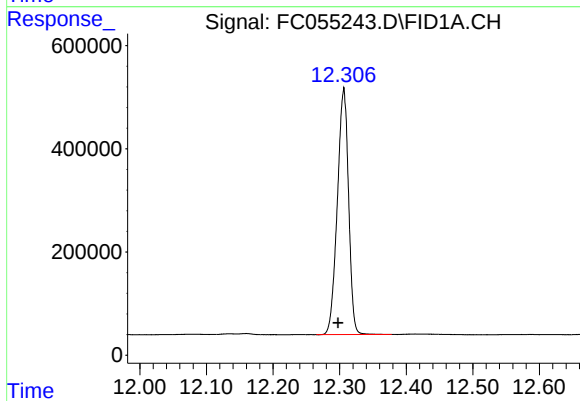
#8 n-Octadecane (C18)

R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 5799520
Conc: 49.18 ug/ml



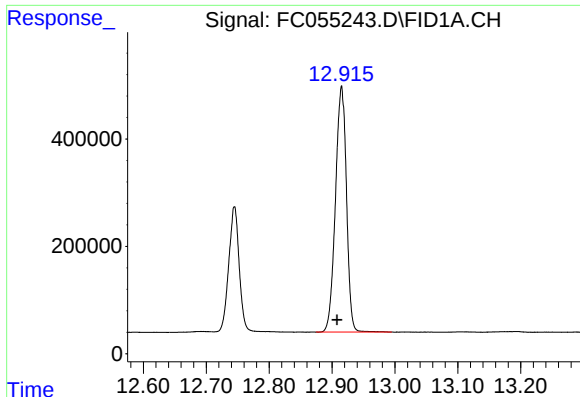
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.296 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 5600656
Conc: 47.70 ug/ml



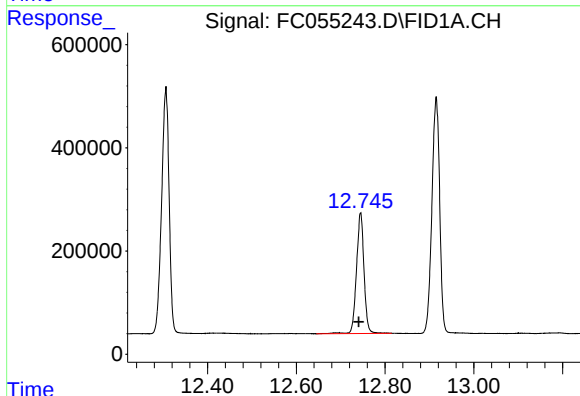
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 5575316
Conc: 47.22 ug/ml

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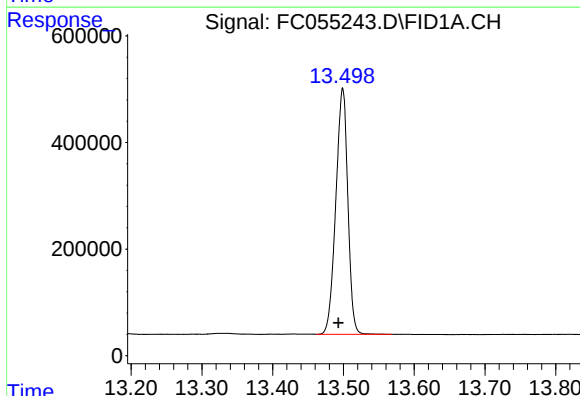
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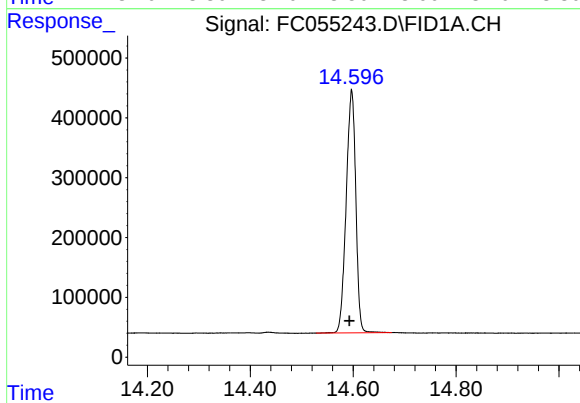
#12 1-chlorooctadecane (SURR)

R.T.: 12.745 min
Delta R.T.: 0.004 min
Response: 2746232
Conc: 27.71 ug/ml



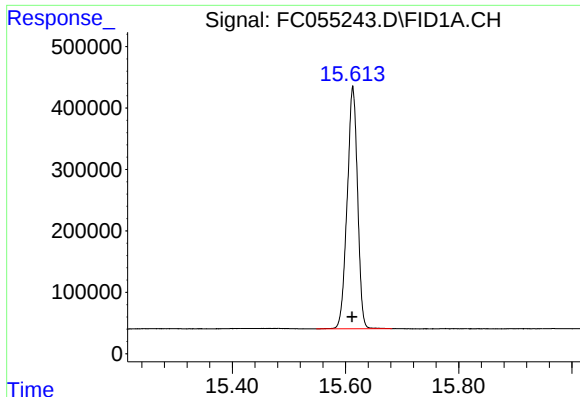
#13 n-Docosane (C22)

R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 5440270
Conc: 46.58 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.597 min
Delta R.T.: 0.005 min
Response: 5269894
Conc: 45.53 ug/ml



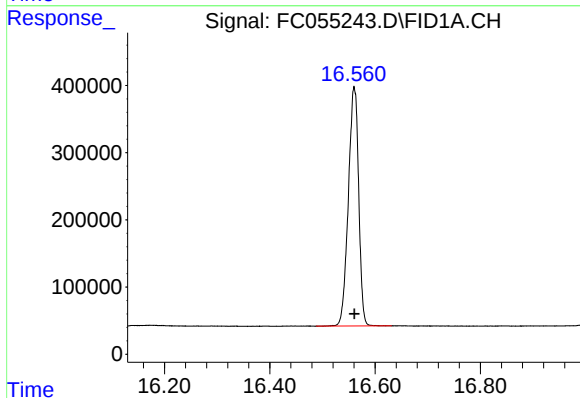
#15 n-Hexacosane (C26)

R.T.: 15.613 min
Delta R.T.: 0.001 min
Response: 5023656
Conc: 44.83 ug/ml

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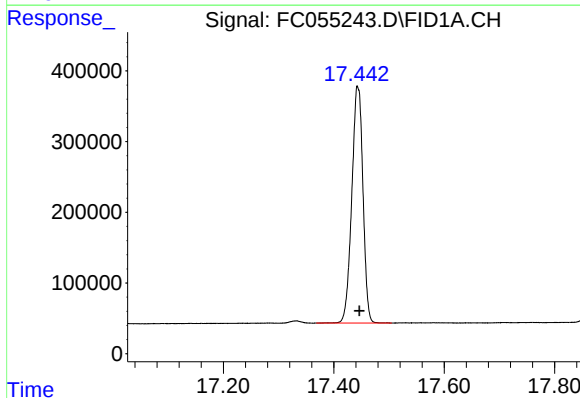
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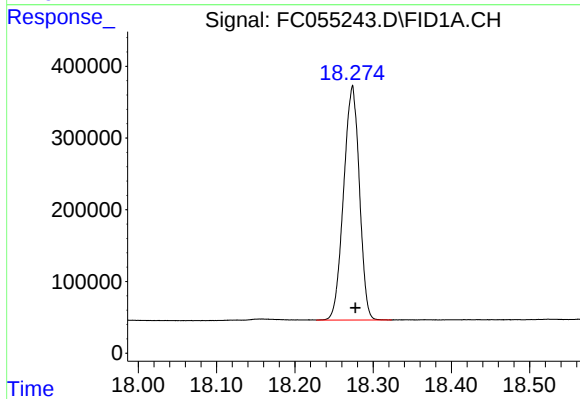
#16 n-Octacosane (C28)

R.T.: 16.560 min
Delta R.T.: 0.000 min
Response: 4844047
Conc: 44.62 ug/ml



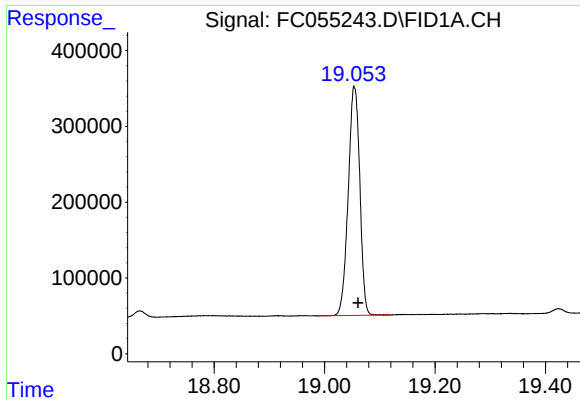
#17 n-Tricontane (C30)

R.T.: 17.444 min
Delta R.T.: -0.003 min
Response: 4698286
Conc: 45.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.274 min
Delta R.T.: -0.004 min
Response: 4564797
Conc: 46.09 ug/ml m



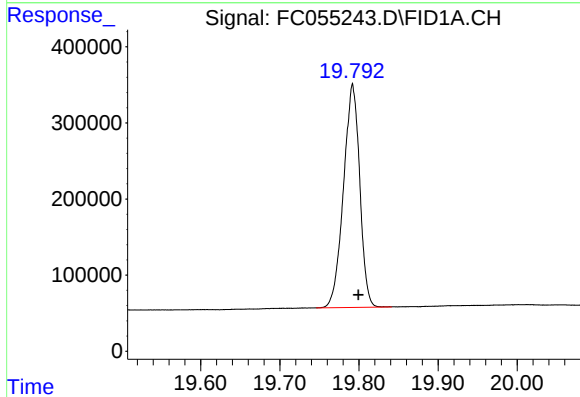
#19 n-Tetratriacontane (C34)

R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 4388406
Conc: 46.30 ug/ml

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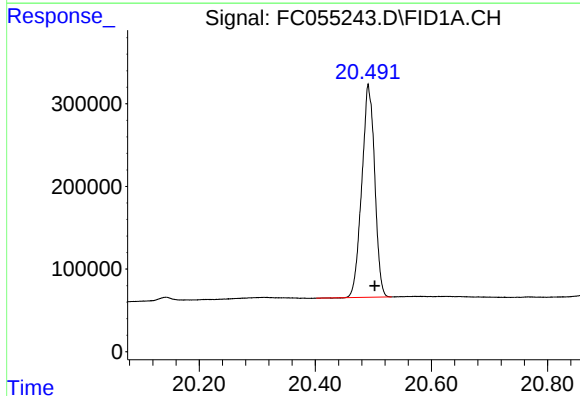
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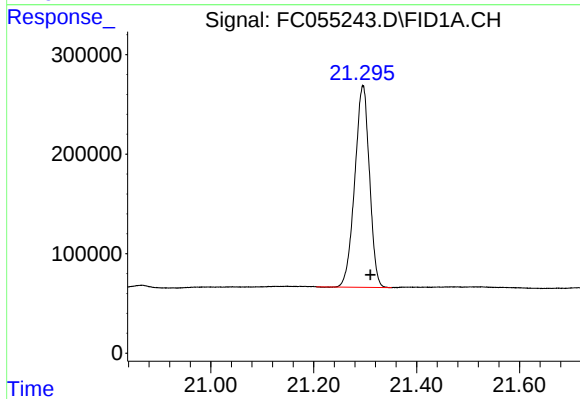
#20 n-Hexatriacontane (C36)

R.T.: 19.792 min
Delta R.T.: -0.008 min
Response: 4181132
Conc: 46.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.492 min
Delta R.T.: -0.011 min
Response: 3961034
Conc: 45.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.295 min
Delta R.T.: -0.015 min
Response: 4015583
Conc: 45.09 ug/ml