

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055151.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 6:25
 Operator : AJ\MA
 Sample : PB138325BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138325BS

Manual Integrations
 APPROVED

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 8/12/2021 12:01:56 PM

Integration File: autoint1.e
 Quant Time: Aug 12 07:36:54 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			
9) S ortho-Terphenyl (SURR)	11.311	5803805	46.099 ug/ml
Spiked Amount 50.000		Recovery =	92.20%
12) S 1-chlorooctadecane (S...	12.750	4846479	48.902 ug/ml
Spiked Amount 50.000		Recovery =	97.80%
Target Compounds			
1) T n-Nonane (C9)	3.145	4350932	41.609 ug/ml
2) T n-Decane (C10)	4.195	5511441	52.337 ug/ml
3) T A~Naphthalene (C11.7)	5.757	6664902	61.338 ug/ml
4) T n-Dodecane (C12)	6.194	6248960	57.546 ug/ml
5) T A~2-methylnaphthalene...	6.808	6405139	58.688 ug/ml
6) T n-Tetradecane (C14)	7.982	6592323	59.052 ug/ml
7) T n-Hexadecane (C16)	9.572	7026025	61.603 ug/ml
8) T n-Octadecane (C18)	11.008	7515426	63.732 ug/ml
10) T n-Eicosane (C20)	12.312	7199610	61.324 ug/ml
11) T n-Heneicosane (C21)	12.921	7119734	60.298 ug/ml
13) T n-Docosane (C22)	13.504	6881036	58.915 ug/ml
14) T n-Tetracosane (C24)	14.603	5298225	45.773 ug/mlm
15) T n-Hexacosane (C26)	15.621	6316821	56.364 ug/ml
16) T n-Octacosane (C28)	16.566	6343467	58.426 ug/ml
17) T n-Tricontane (C30)	17.453	6019804	57.655 ug/ml
18) T n-Dotriacontane (C32)	18.280	5907809	59.655 ug/ml
19) T n-Tetratriacontane (C34)	19.061	5666448	59.786 ug/ml
20) T n-Hexatriacontane (C36)	19.798	5397124	59.726 ug/mlm
21) T n-Octatriacontane (C38)	20.499	5093540	58.950 ug/ml
22) T n-Tetracontane (C40)	21.307	5074784	56.985 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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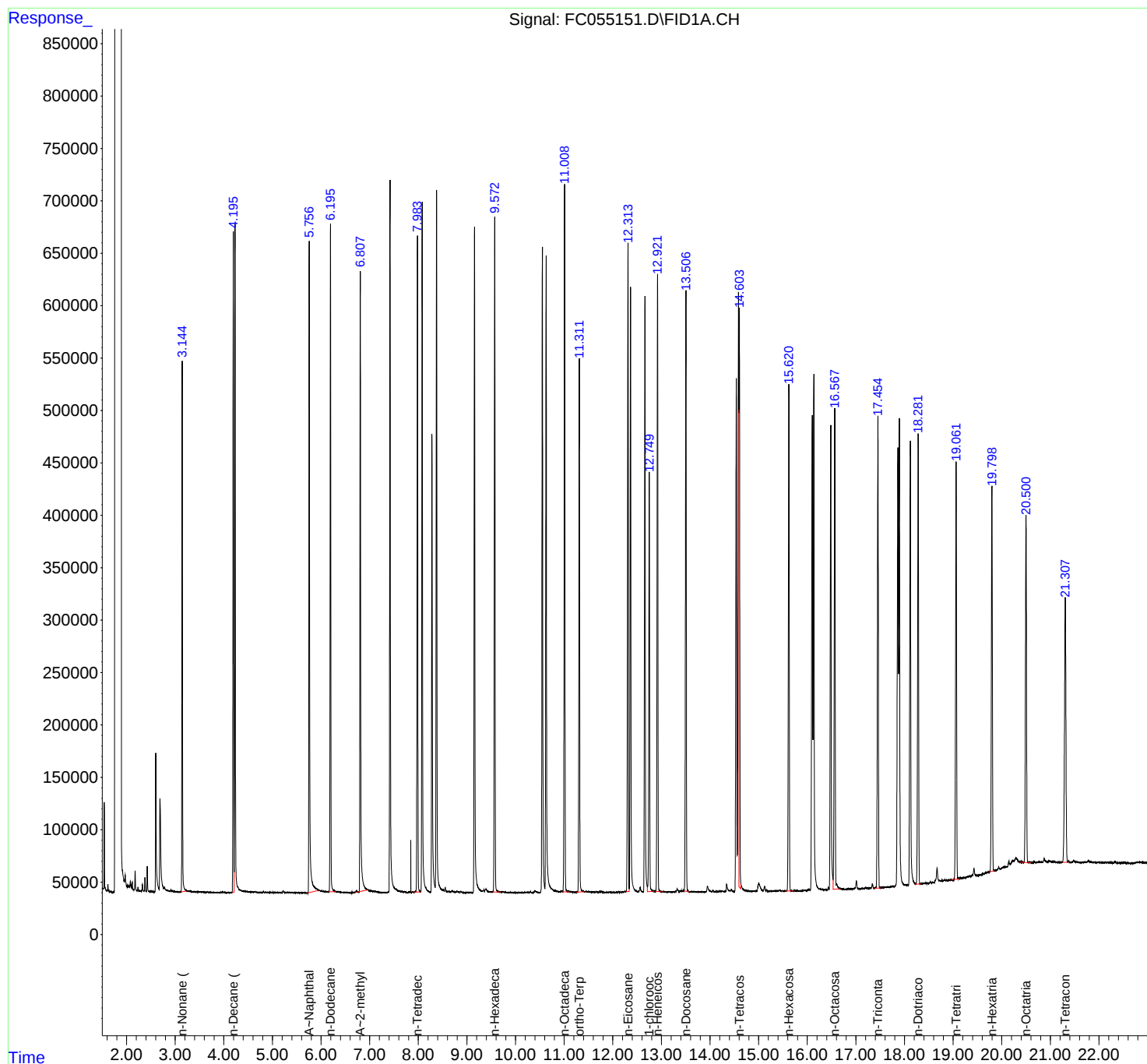
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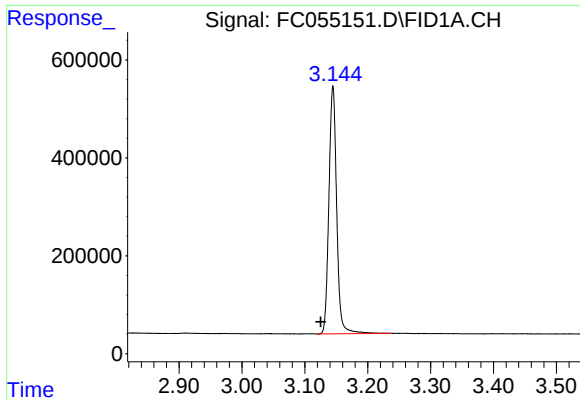
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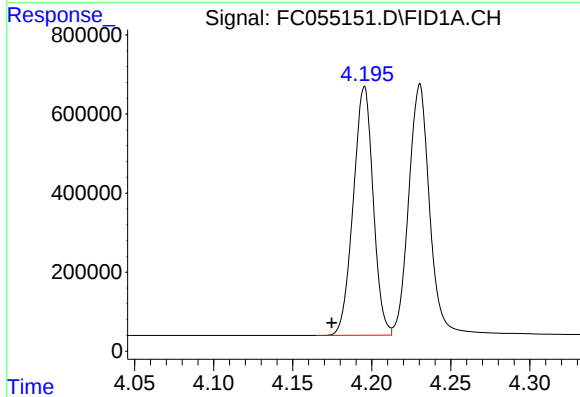
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 4350932
Conc: 41.61 ug/ml

Instrument :
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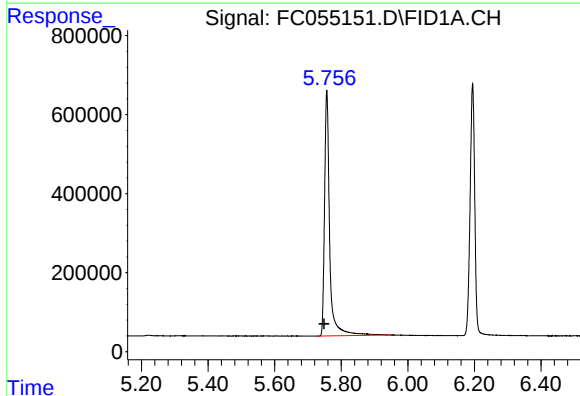
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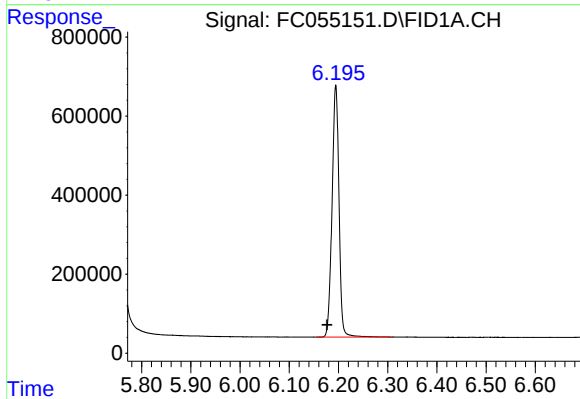
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: 0.021 min
Response: 5511441
Conc: 52.34 ug/ml



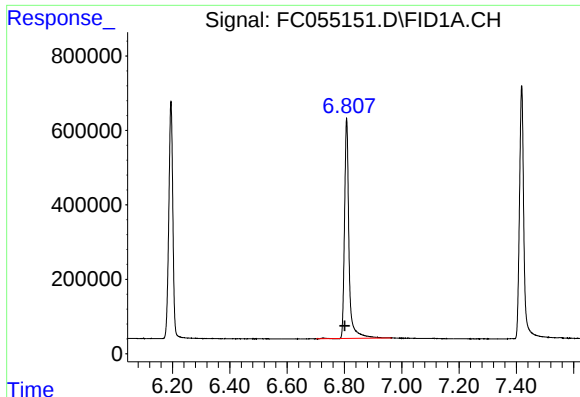
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 6664902
Conc: 61.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.194 min
Delta R.T.: 0.017 min
Response: 6248960
Conc: 57.55 ug/ml



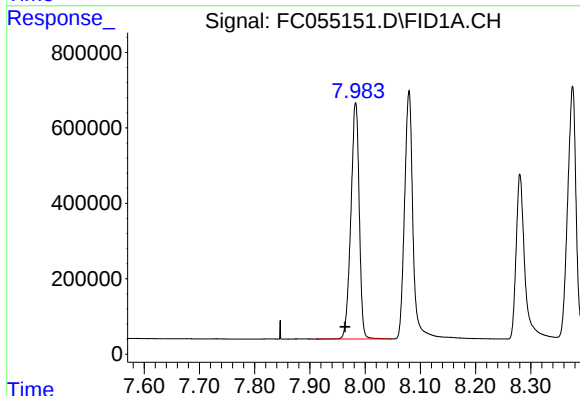
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: 0.007 min
Response: 6405139
Conc: 58.69 ug/ml

Instrument :
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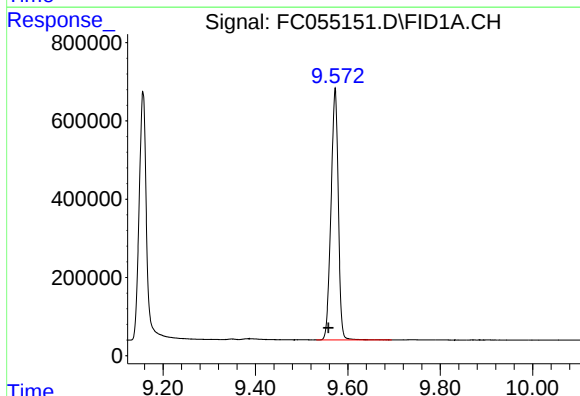
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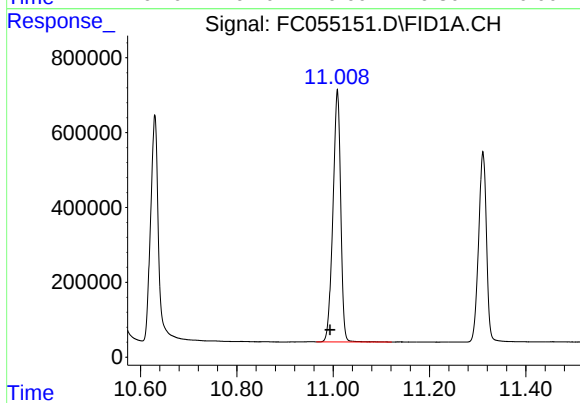
#6 n-Tetradecane (C14)

R.T.: 7.982 min
Delta R.T.: 0.018 min
Response: 6592323
Conc: 59.05 ug/ml



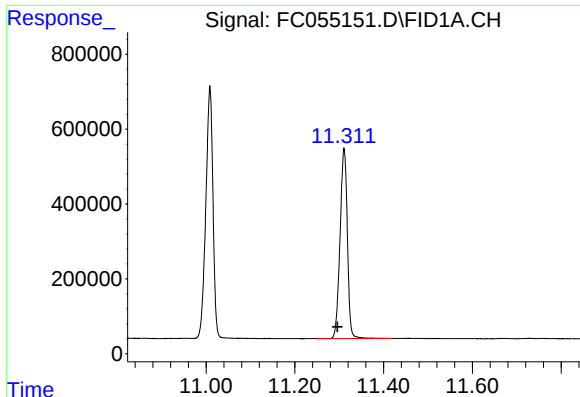
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.014 min
Response: 7026025
Conc: 61.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.008 min
Delta R.T.: 0.014 min
Response: 7515426
Conc: 63.73 ug/ml



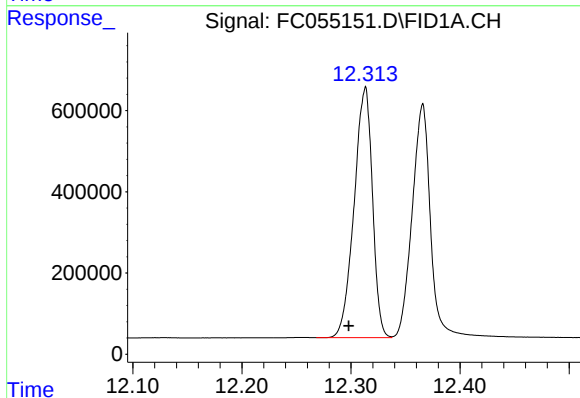
#9 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: 0.014 min
Response: 5803805
Conc: 46.10 ug/ml

Instrument :
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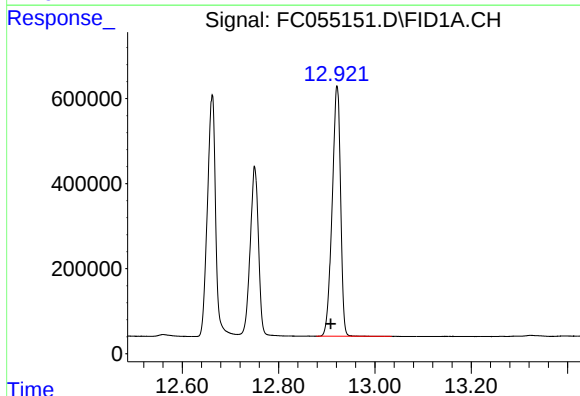
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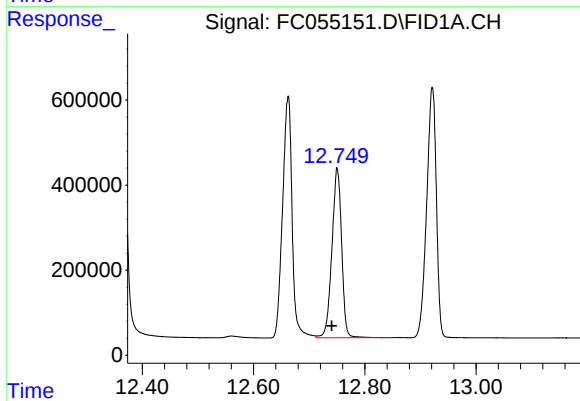
#10 n-Eicosane (C20)

R.T.: 12.312 min
Delta R.T.: 0.014 min
Response: 7199610
Conc: 61.32 ug/ml



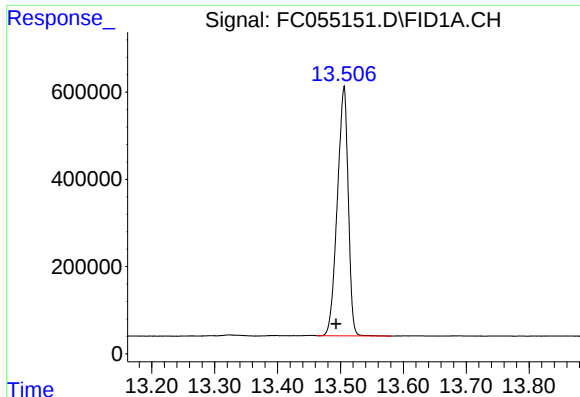
#11 n-Heneicosane (C21)

R.T.: 12.921 min
Delta R.T.: 0.013 min
Response: 7119734
Conc: 60.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.750 min
Delta R.T.: 0.009 min
Response: 4846479
Conc: 48.90 ug/ml



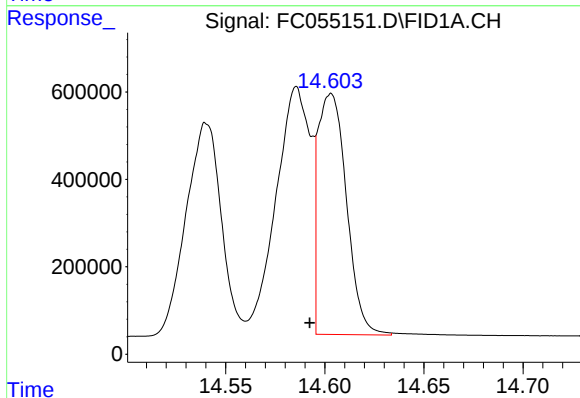
#13 n-Docosane (C22)

R.T.: 13.504 min
Delta R.T.: 0.011 min
Response: 6881036
Conc: 58.91 ug/ml

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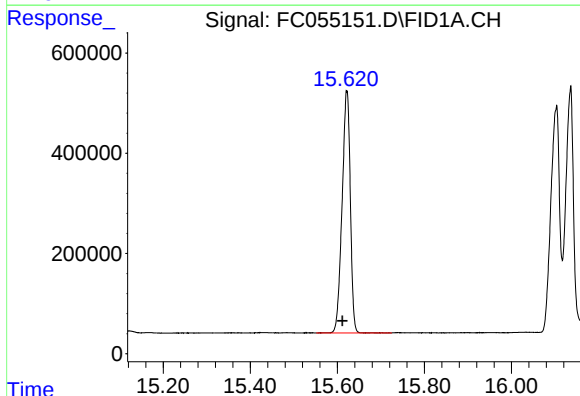
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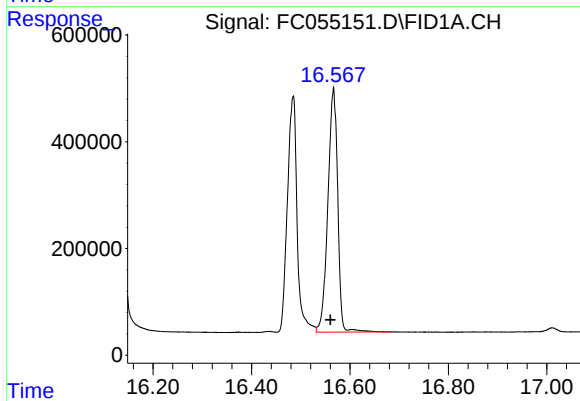
#14 n-Tetracosane (C24)

R.T.: 14.603 min
Delta R.T.: 0.010 min
Response: 5298225
Conc: 45.77 ug/ml m



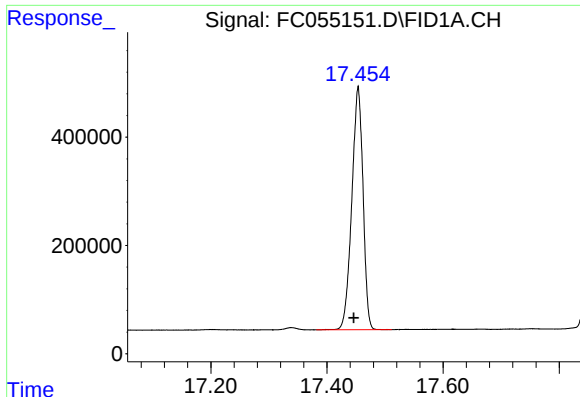
#15 n-Hexacosane (C26)

R.T.: 15.621 min
Delta R.T.: 0.009 min
Response: 6316821
Conc: 56.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.566 min
Delta R.T.: 0.005 min
Response: 6343467
Conc: 58.43 ug/ml



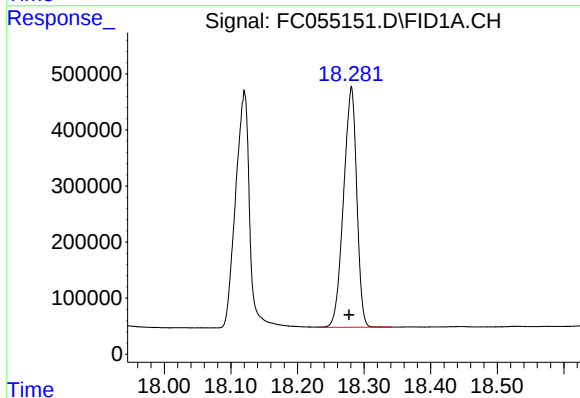
#17 n-Tricontane (C30)

R.T.: 17.453 min
Delta R.T.: 0.007 min
Response: 6019804
Conc: 57.66 ug/ml

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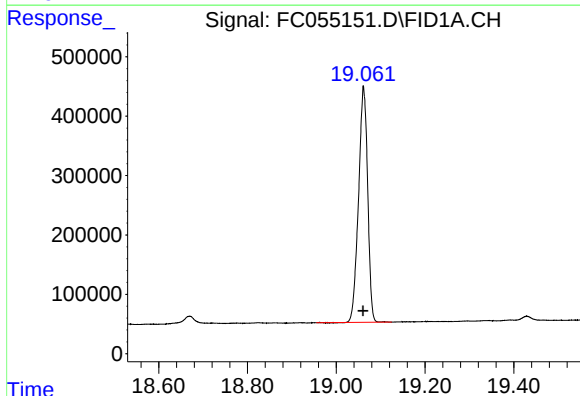
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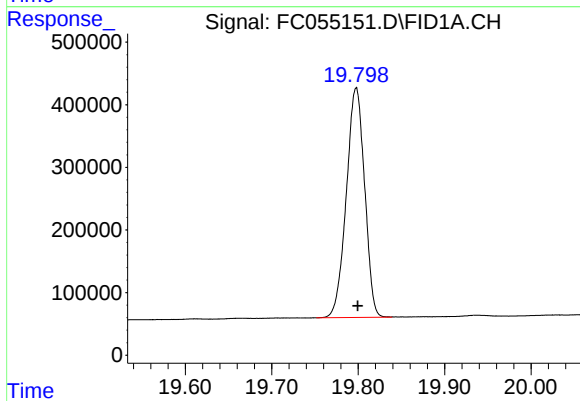
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 5907809
Conc: 59.65 ug/ml



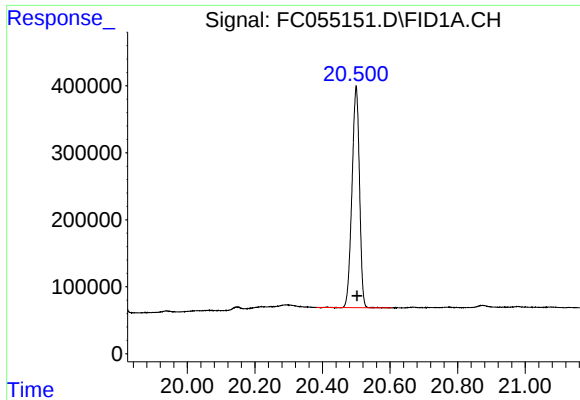
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 5666448
Conc: 59.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.798 min
Delta R.T.: -0.002 min
Response: 5397124
Conc: 59.73 ug/ml m



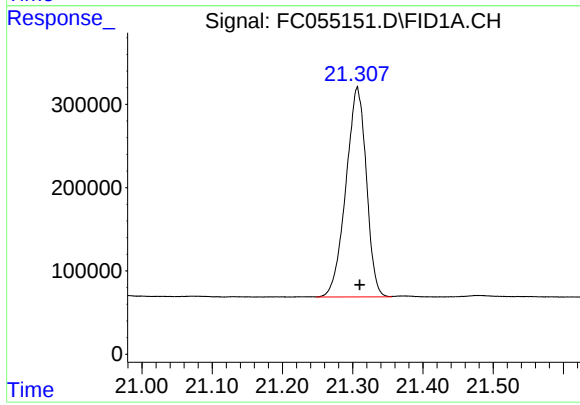
#21 n-Octatriacontane (C38)

R.T.: 20.499 min
Delta R.T.: -0.003 min
Response: 5093540
Conc: 58.95 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.307 min
Delta R.T.: -0.004 min
Response: 5074784
Conc: 56.99 ug/ml m