

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055152.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 7:03
 Operator : AJ\MA
 Sample : PB138325BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138325BSD

Manual Integrations
 APPROVED

mohammad
 8/12/2021 12:01:59 PM

Integration File: autoint1.e
 Quant Time: Aug 12 07:37:05 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)	11.310	5560597	44.167 ug/ml
Spiked Amount 50.000		Recovery =	88.33%
12) S 1-chlorooctadecane (S...	12.750	4640865	46.827 ug/ml
Spiked Amount 50.000		Recovery =	93.65%
Target Compounds			
1) T n-Nonane (C9)	3.145	4118664	39.388 ug/ml
2) T n-Decane (C10)	4.195	5289153	50.226 ug/ml
3) T A~Naphthalene (C11.7)	5.757	6342813	58.374 ug/ml
4) T n-Dodecane (C12)	6.195	6034066	55.567 ug/ml
5) T A~2-methylnaphthalene...	6.807	6237344	57.150 ug/ml
6) T n-Tetradecane (C14)	7.981	6363891	57.005 ug/ml
7) T n-Hexadecane (C16)	9.572	6762312	59.291 ug/ml
8) T n-Octadecane (C18)	11.008	7186045	60.939 ug/ml
10) T n-Eicosane (C20)	12.311	6879699	58.599 ug/ml
11) T n-Heneicosane (C21)	12.920	6796576	57.561 ug/ml
13) T n-Docosane (C22)	13.504	6580702	56.343 ug/ml
14) T n-Tetracosane (C24)	14.601	5558434	48.021 ug/mlm
15) T n-Hexacosane (C26)	15.622	6085778	54.303 ug/ml
16) T n-Octacosane (C28)	16.565	6113135	56.304 ug/ml
17) T n-Tricontane (C30)	17.453	5722104	54.804 ug/ml
18) T n-Dotriacontane (C32)	18.281	5623233	56.781 ug/ml
19) T n-Tetratriacontane (C34)	19.061	5421014	57.196 ug/mlm
20) T n-Hexatriacontane (C36)	19.798	5196146	57.502 ug/mlm
21) T n-Octatriacontane (C38)	20.502	4924206	56.991 ug/mlm
22) T n-Tetracontane (C40)	21.305	4914866	55.189 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 23 Sample Multiplier: 1

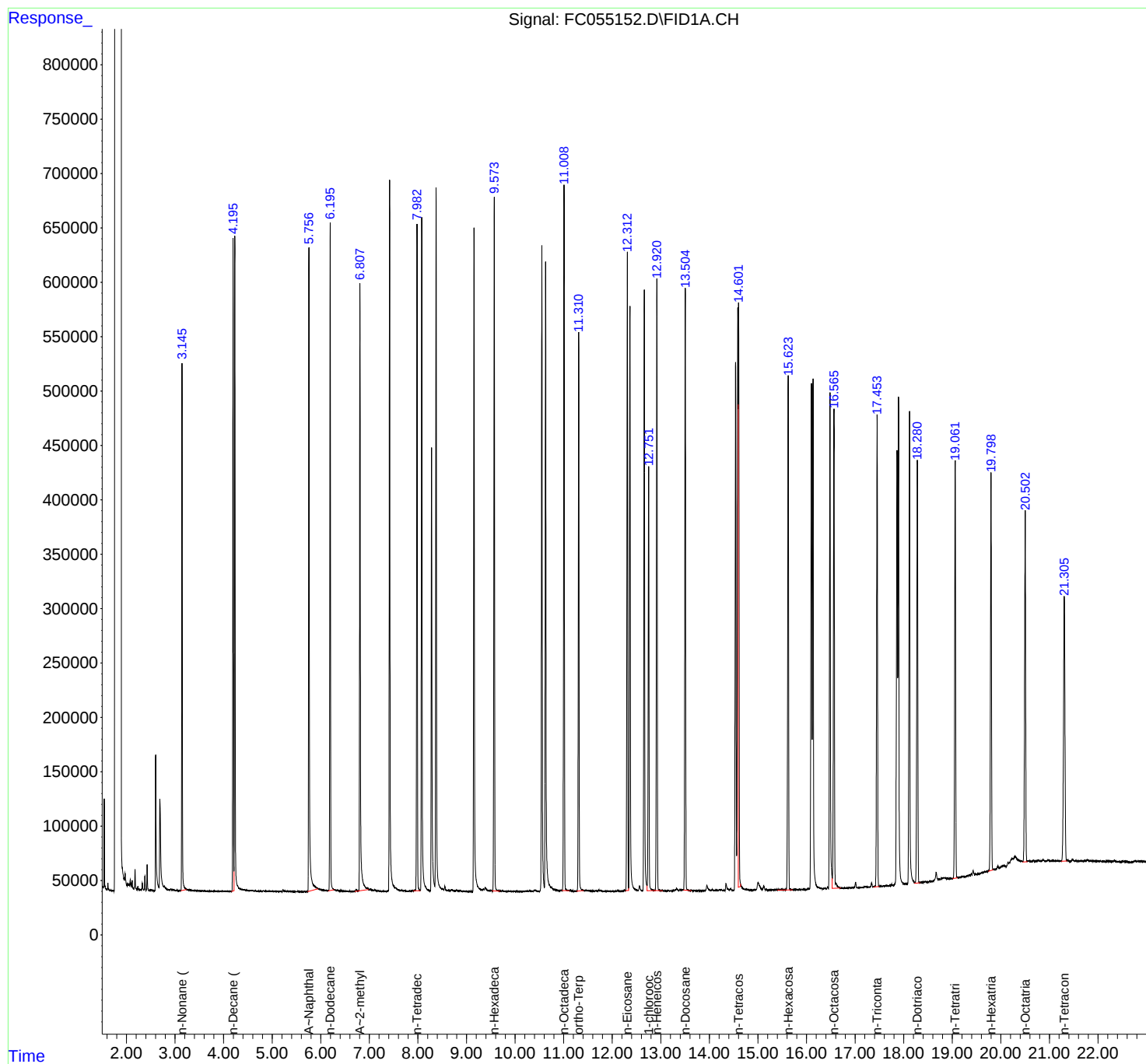
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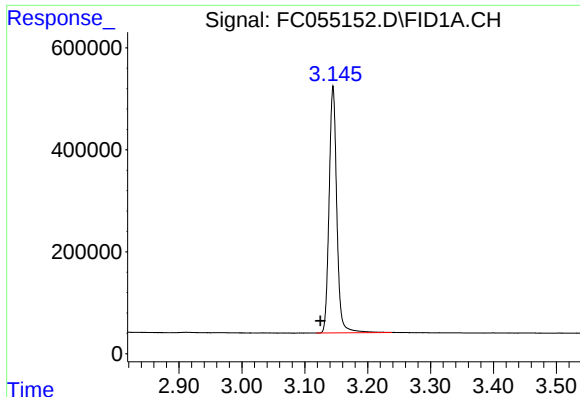
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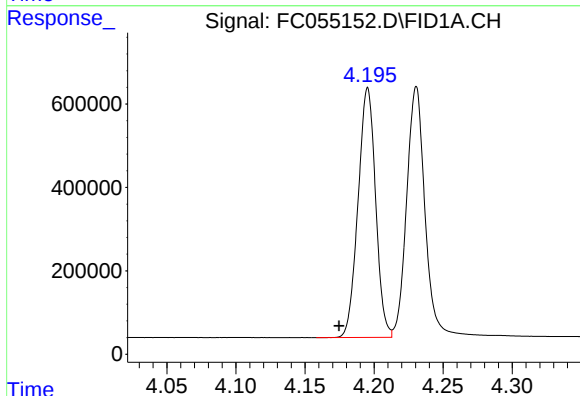
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.020 min
Response: 4118664
Conc: 39.39 ug/ml

Instrument :
FID_C
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PB138325BSD

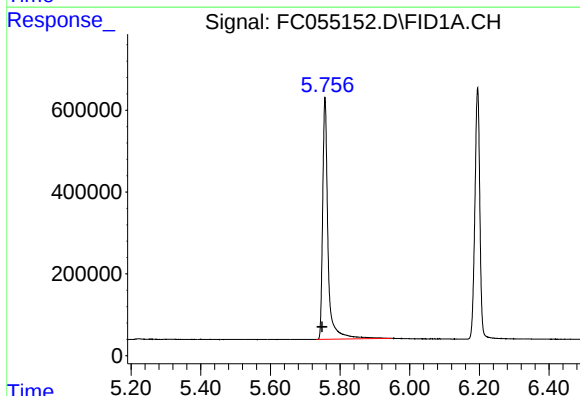
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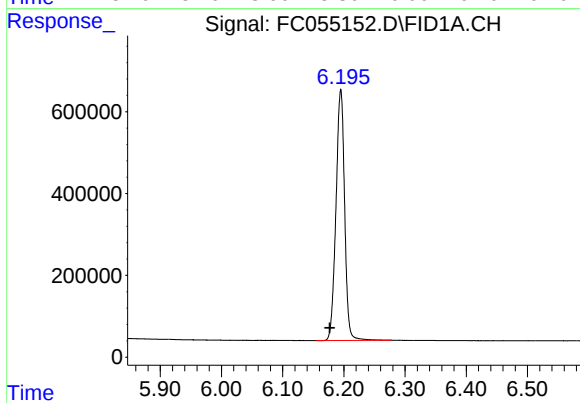
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: 0.021 min
Response: 5289153
Conc: 50.23 ug/ml



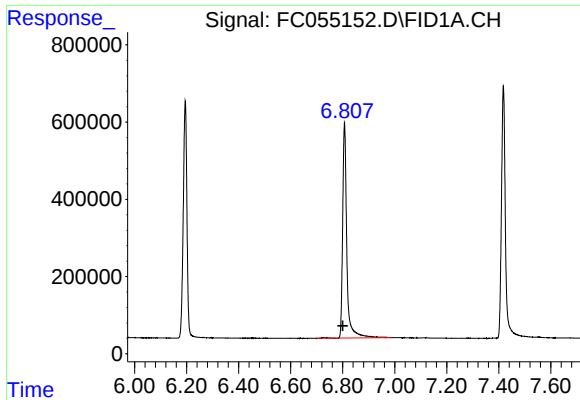
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 6342813
Conc: 58.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.195 min
Delta R.T.: 0.018 min
Response: 6034066
Conc: 55.57 ug/ml



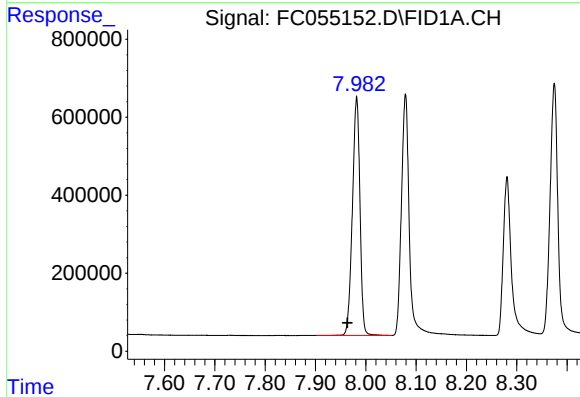
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.007 min
Response: 6237344
Conc: 57.15 ug/ml

Instrument :
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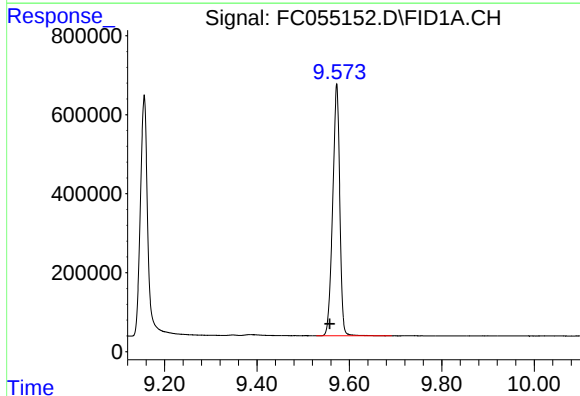
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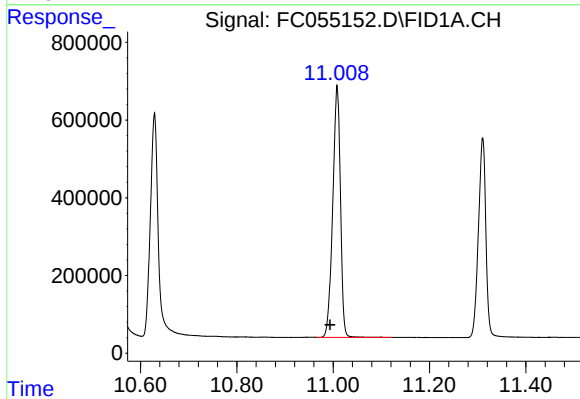
#6 n-Tetradecane (C14)

R.T.: 7.981 min
Delta R.T.: 0.018 min
Response: 6363891
Conc: 57.01 ug/ml



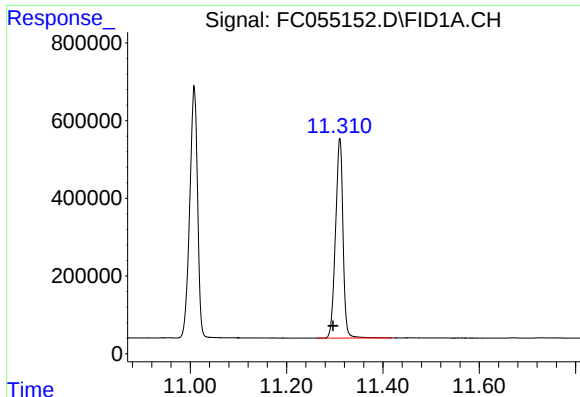
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.014 min
Response: 6762312
Conc: 59.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.008 min
Delta R.T.: 0.014 min
Response: 7186045
Conc: 60.94 ug/ml



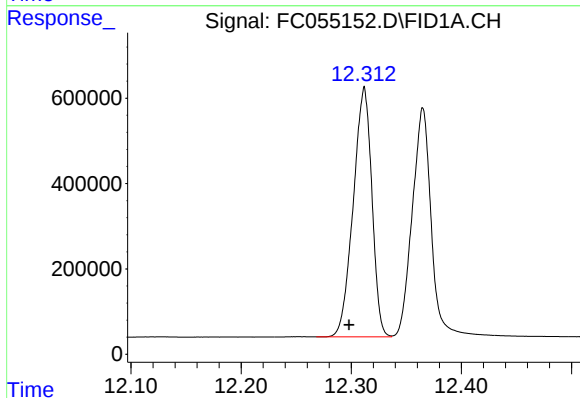
#9 ortho-Terphenyl (SURR)

R.T.: 11.310 min
Delta R.T.: 0.013 min
Response: 5560597
Conc: 44.17 ug/ml

Instrument :
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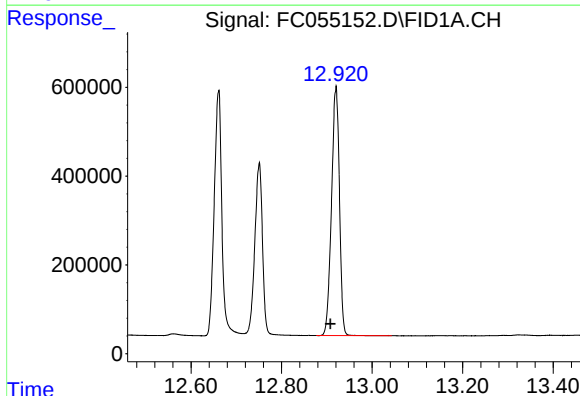
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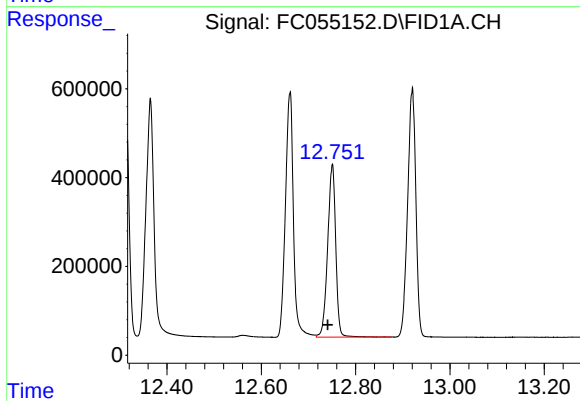
#10 n-Eicosane (C20)

R.T.: 12.311 min
Delta R.T.: 0.013 min
Response: 6879699
Conc: 58.60 ug/ml



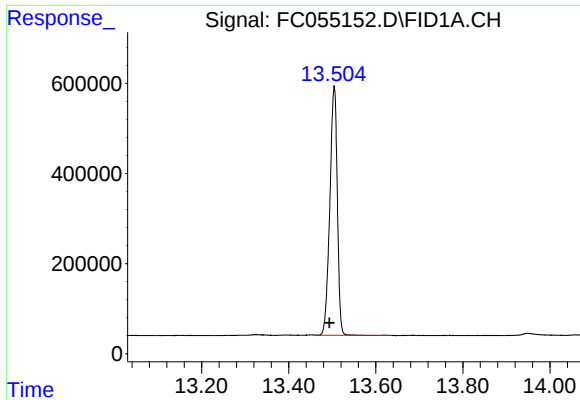
#11 n-Heneicosane (C21)

R.T.: 12.920 min
Delta R.T.: 0.012 min
Response: 6796576
Conc: 57.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.750 min
Delta R.T.: 0.009 min
Response: 4640865
Conc: 46.83 ug/ml



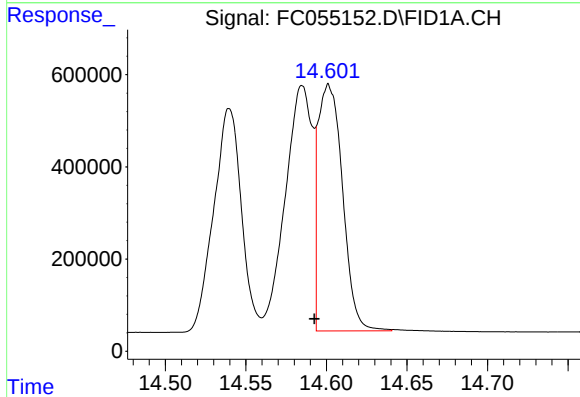
#13 n-Docosane (C22)

R.T.: 13.504 min
Delta R.T.: 0.011 min
Response: 6580702
Conc: 56.34 ug/ml

Instrument :
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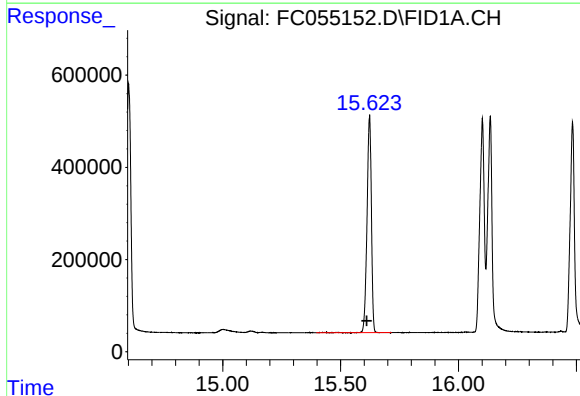
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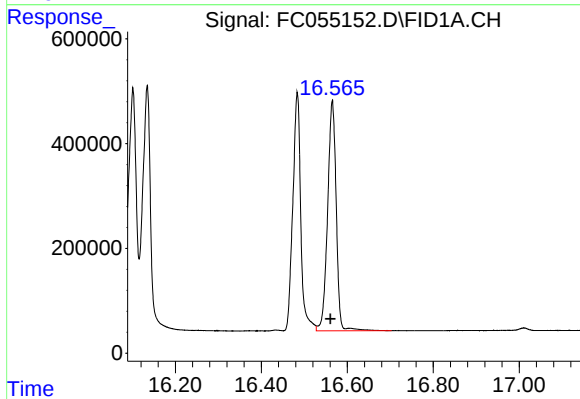
#14 n-Tetracosane (C24)

R.T.: 14.601 min
Delta R.T.: 0.008 min
Response: 5558434
Conc: 48.02 ug/ml m



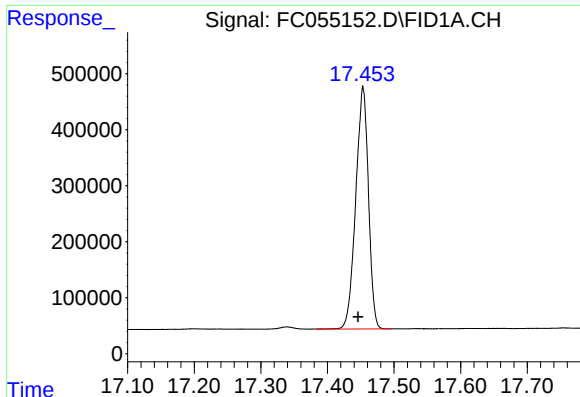
#15 n-Hexacosane (C26)

R.T.: 15.622 min
Delta R.T.: 0.010 min
Response: 6085778
Conc: 54.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.565 min
Delta R.T.: 0.004 min
Response: 6113135
Conc: 56.30 ug/ml



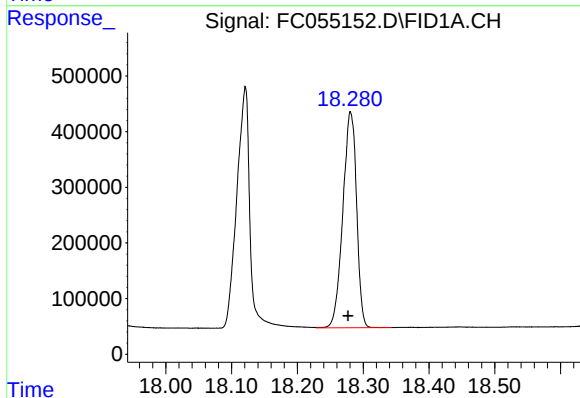
#17 n-Tricontane (C30)

R.T.: 17.453 min
Delta R.T.: 0.007 min
Response: 5722104
Conc: 54.80 ug/ml

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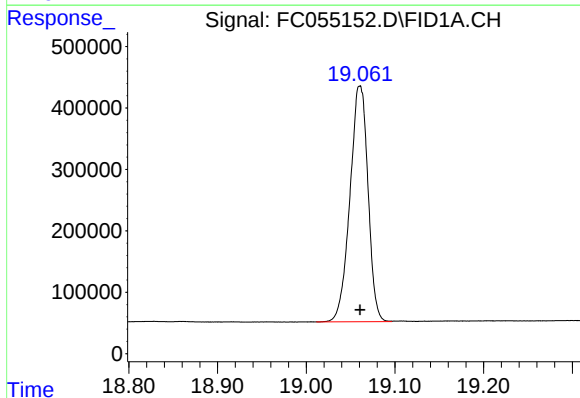
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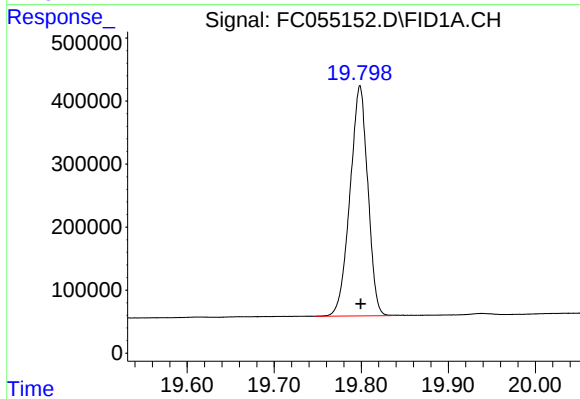
#18 n-Dotriacontane (C32)

R.T.: 18.281 min
Delta R.T.: 0.003 min
Response: 5623233
Conc: 56.78 ug/ml



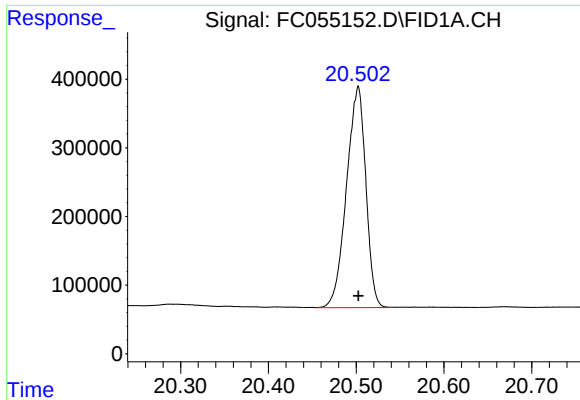
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 5421014
Conc: 57.20 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.798 min
Delta R.T.: -0.001 min
Response: 5196146
Conc: 57.50 ug/ml m



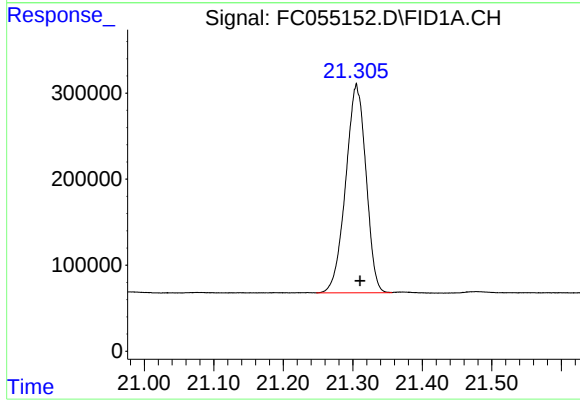
#21 n-Octatriacontane (C38)

R.T.: 20.502 min
Delta R.T.: 0.000 min
Response: 4924206
Conc: 56.99 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.305 min
Delta R.T.: -0.005 min
Response: 4914866
Conc: 55.19 ug/ml m