

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055139.D
 Signal(s) : FID1A.CH
 Acq On : 11 Aug 2021 22:21
 Operator : AJ\MA
 Sample : PB138325BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138325BS

Manual Integrations
 APPROVED

mohammad
 8/12/2021 12:01:42 PM

Integration File: autoint1.e
 Quant Time: Aug 12 02:12:39 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)	11.312	5560605	44.167 ug/ml
Spiked Amount 50.000		Recovery =	88.33%
12) S 1-chlorooctadecane (S...	12.752	4521519	45.623 ug/ml
Spiked Amount 50.000		Recovery =	91.25%
Target Compounds			
1) T n-Nonane (C9)	3.175f	7338700	70.182 ug/ml
2) T n-Decane (C10)	4.211	7760045	73.690 ug/ml
3) T A~Naphthalene (C11.7)	5.763	8654150	79.645 ug/ml
4) T n-Dodecane (C12)	6.199	8138074	74.942 ug/ml
5) T A~2-methylnaphthalene...	6.812	8153625	74.708 ug/ml
6) T n-Tetradecane (C14)	7.984	8114213	72.684 ug/ml
7) T n-Hexadecane (C16)	9.575	7966621	69.850 ug/ml
8) T n-Octadecane (C18)	11.011	7985238	67.716 ug/ml
10) T n-Eicosane (C20)	12.314	7477581	63.691 ug/ml
11) T n-Heneicosane (C21)	12.922	7336297	62.132 ug/ml
13) T n-Docosane (C22)	13.506	7074606	60.572 ug/ml
14) T n-Tetracosane (C24)	14.604	6505746	56.205 ug/mlm
15) T n-Hexacosane (C26)	15.625	6436980	57.436 ug/ml
16) T n-Octacosane (C28)	16.568	6308876	58.107 ug/ml
17) T n-Tricontane (C30)	17.457	6154573	58.946 ug/ml
18) T n-Dotriacontane (C32)	18.283	6111614	61.713 ug/ml
19) T n-Tetratriacontane (C34)	19.064	5938089	62.652 ug/ml
20) T n-Hexatriacontane (C36)	19.801	5497163	60.833 ug/ml
21) T n-Octatriacontane (C38)	20.502	4944001	57.220 ug/ml
22) T n-Tetracontane (C40)	21.310	4646443	52.175 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB138325BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

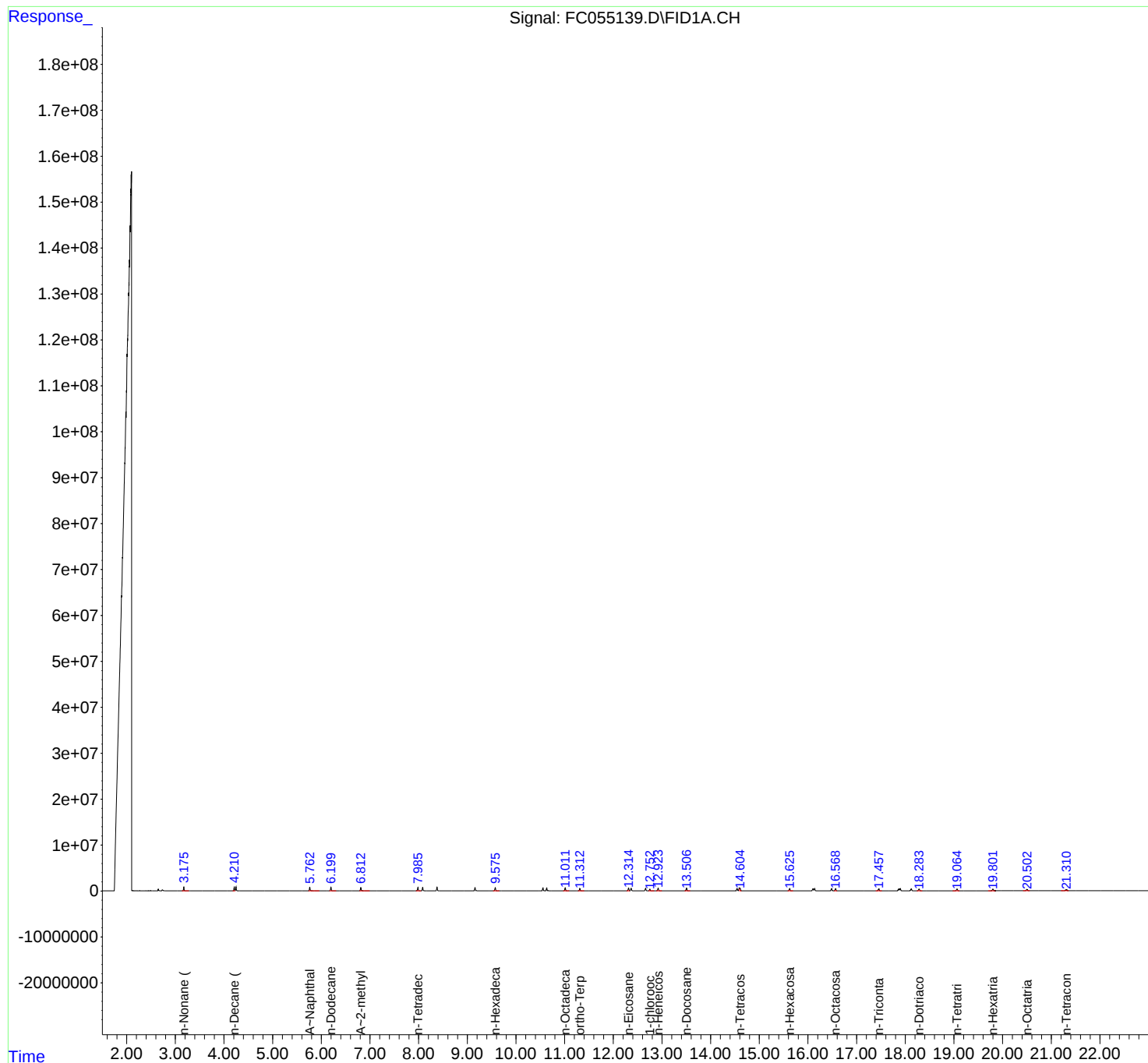
Instrument :
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PB138325BS

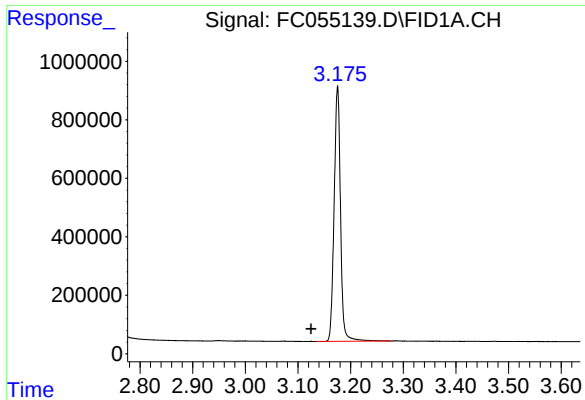
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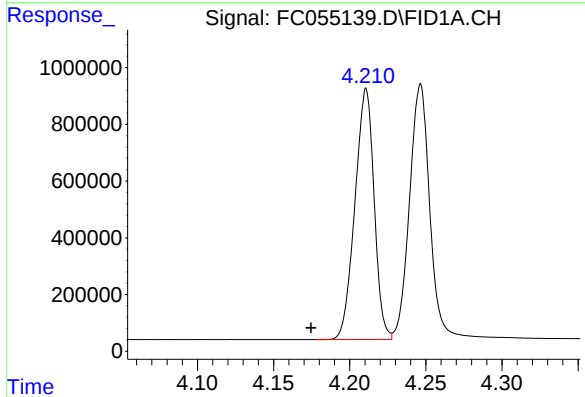
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: 0.050 min
Response: 7338700
Conc: 70.18 ug/ml

Instrument :
FID_C
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PB138325BS

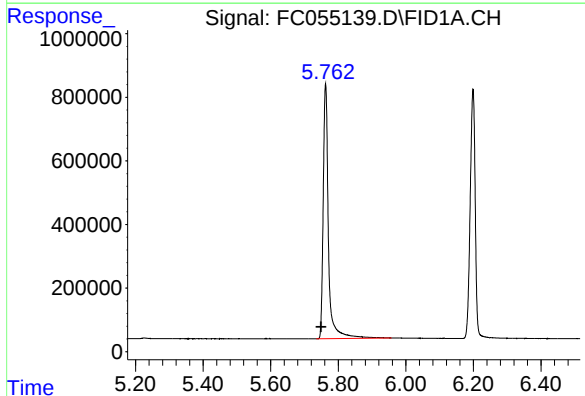
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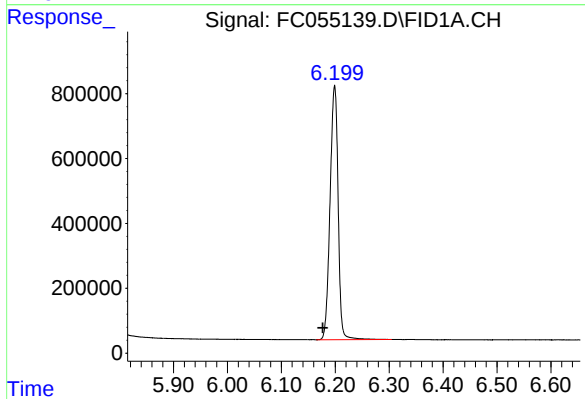
#2 n-Decane (C10)

R.T.: 4.211 min
Delta R.T.: 0.036 min
Response: 7760045
Conc: 73.69 ug/ml



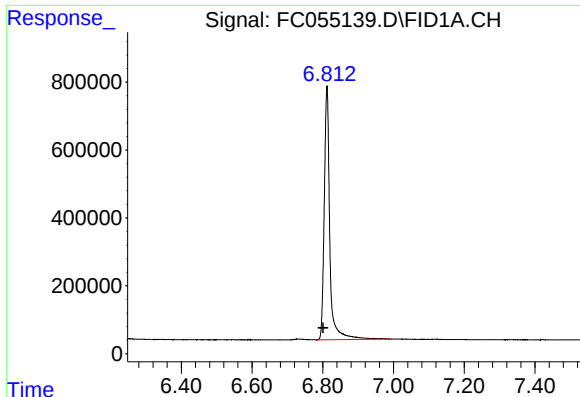
#3 A~Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: 0.014 min
Response: 8654150
Conc: 79.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.199 min
Delta R.T.: 0.022 min
Response: 8138074
Conc: 74.94 ug/ml



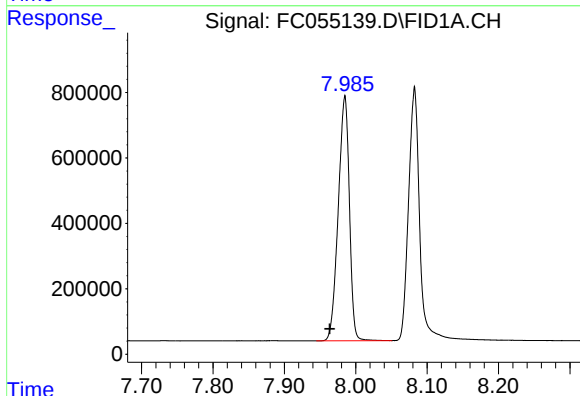
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: 0.011 min
Response: 8153625
Conc: 74.71 ug/ml

Instrument :
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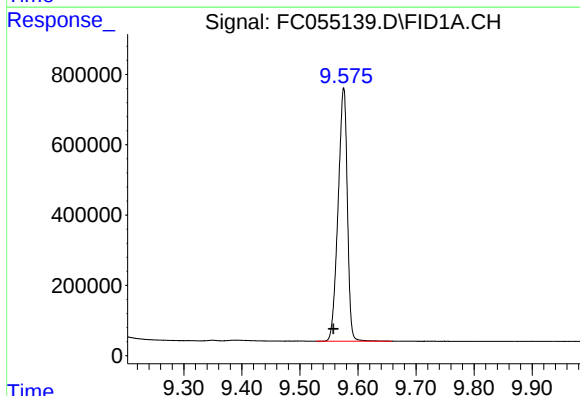
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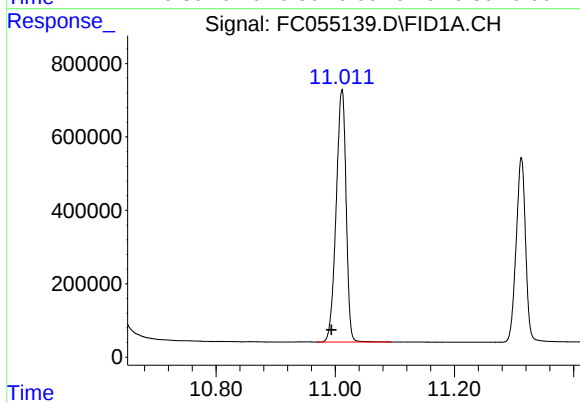
#6 n-Tetradecane (C14)

R.T.: 7.984 min
Delta R.T.: 0.021 min
Response: 8114213
Conc: 72.68 ug/ml



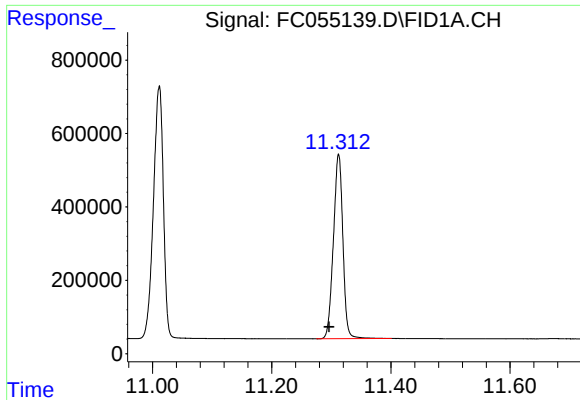
#7 n-Hexadecane (C16)

R.T.: 9.575 min
Delta R.T.: 0.017 min
Response: 7966621
Conc: 69.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.011 min
Delta R.T.: 0.017 min
Response: 7985238
Conc: 67.72 ug/ml



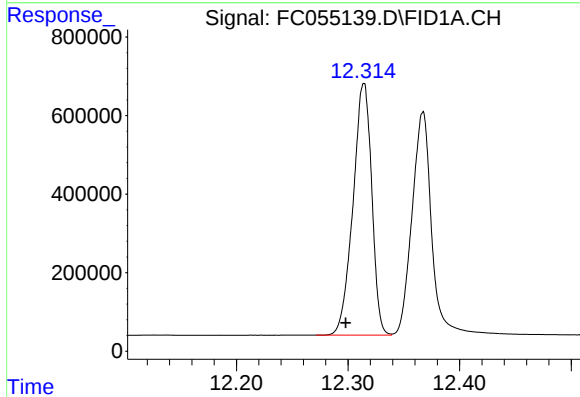
#9 ortho-Terphenyl (SURR)

R.T.: 11.312 min
Delta R.T.: 0.016 min
Response: 5560605
Conc: 44.17 ug/ml

Instrument :
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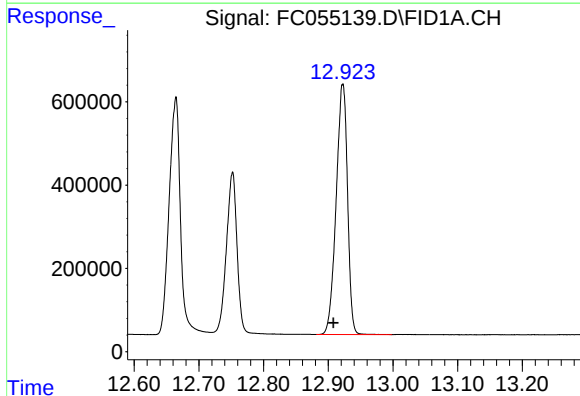
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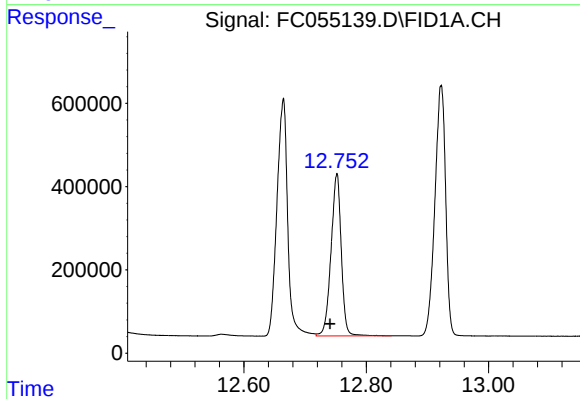
#10 n-Eicosane (C20)

R.T.: 12.314 min
Delta R.T.: 0.016 min
Response: 7477581
Conc: 63.69 ug/ml



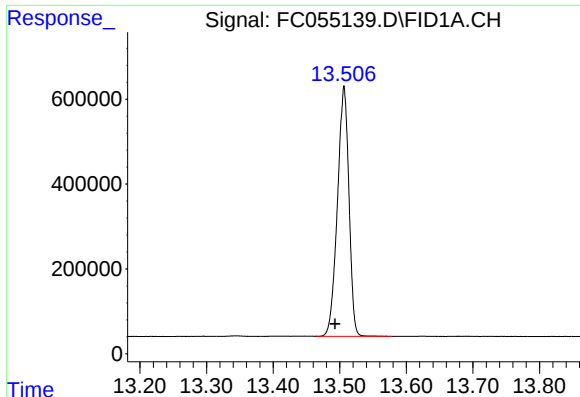
#11 n-Heneicosane (C21)

R.T.: 12.922 min
Delta R.T.: 0.014 min
Response: 7336297
Conc: 62.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.752 min
Delta R.T.: 0.011 min
Response: 4521519
Conc: 45.62 ug/ml



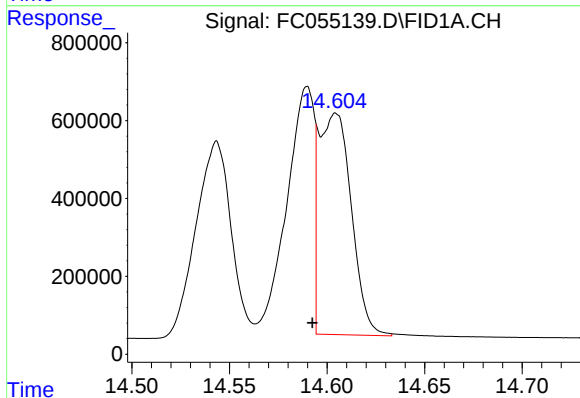
#13 n-Docosane (C22)

R.T.: 13.506 min
Delta R.T.: 0.013 min
Response: 7074606
Conc: 60.57 ug/ml

Instrument :
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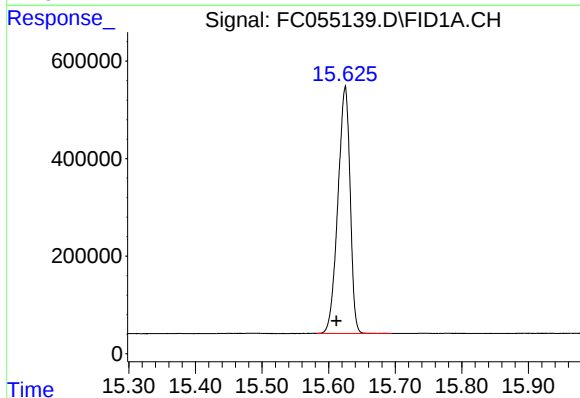
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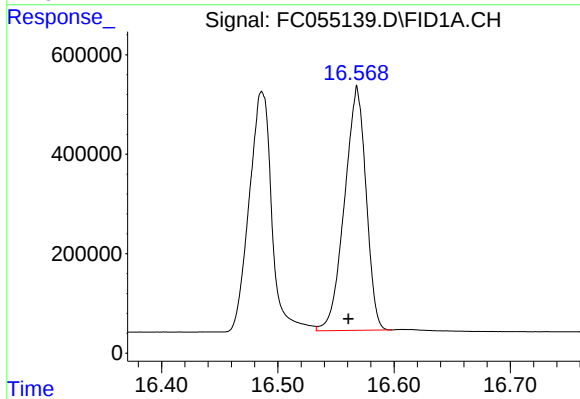
#14 n-Tetracosane (C24)

R.T.: 14.604 min
Delta R.T.: 0.011 min
Response: 6505746
Conc: 56.21 ug/ml m



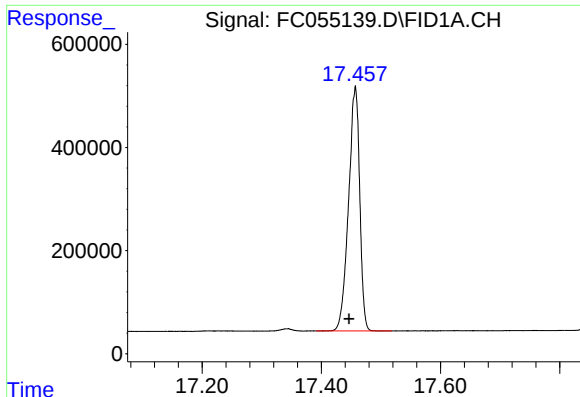
#15 n-Hexacosane (C26)

R.T.: 15.625 min
Delta R.T.: 0.013 min
Response: 6436980
Conc: 57.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.568 min
Delta R.T.: 0.007 min
Response: 6308876
Conc: 58.11 ug/ml



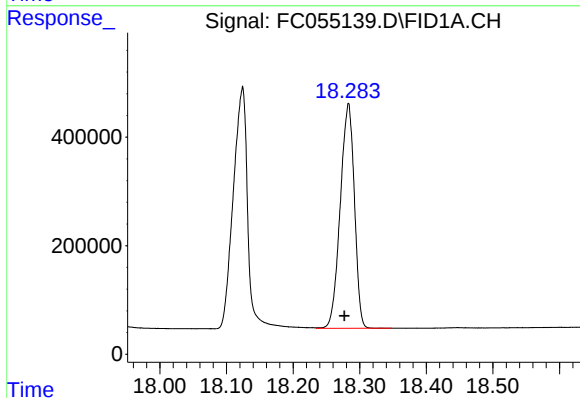
#17 n-Tricontane (C30)

R.T.: 17.457 min
Delta R.T.: 0.010 min
Response: 6154573
Conc: 58.95 ug/ml

Instrument :
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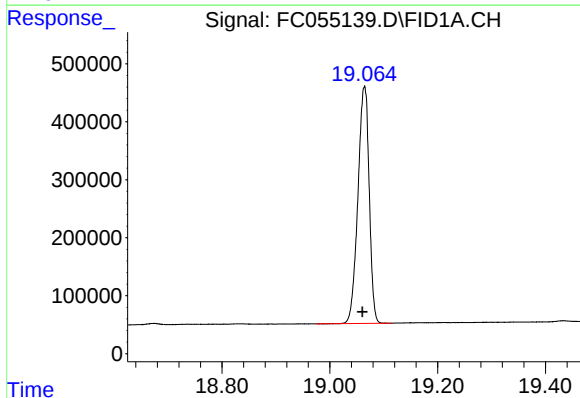
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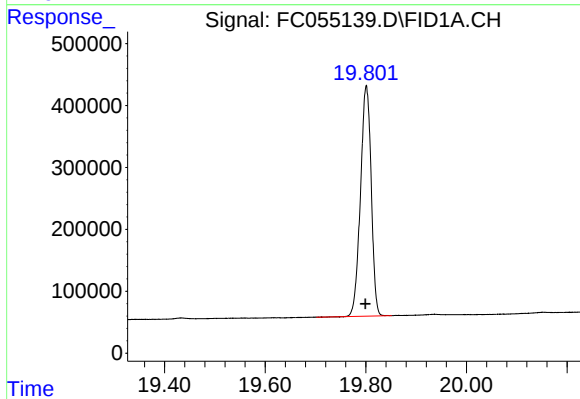
#18 n-Dotriacontane (C32)

R.T.: 18.283 min
Delta R.T.: 0.006 min
Response: 6111614
Conc: 61.71 ug/ml



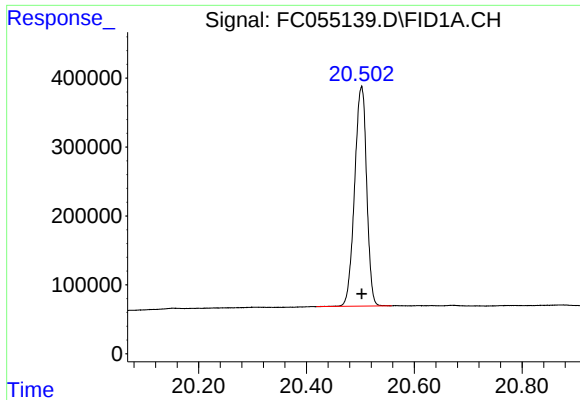
#19 n-Tetratriacontane (C34)

R.T.: 19.064 min
Delta R.T.: 0.003 min
Response: 5938089
Conc: 62.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.801 min
Delta R.T.: 0.001 min
Response: 5497163
Conc: 60.83 ug/ml



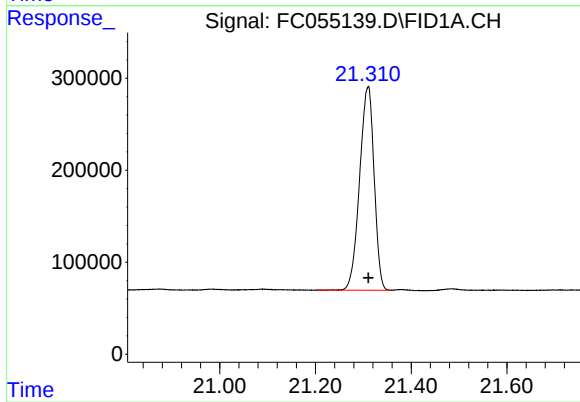
#21 n-Octatriacontane (C38)

R.T.: 20.502 min
Delta R.T.: 0.000 min
Response: 4944001
Conc: 57.22 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.310 min
Delta R.T.: 0.000 min
Response: 4646443
Conc: 52.18 ug/ml