

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081321AL\
 Data File : FC055187.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2021 23:16
 Operator : AJ\MA
 Sample : M3407-26MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 29NMSD

Manual Integrations
 APPROVED

mohammad
 8/17/2021 11:44:57 AM

Integration File: autoint1.e
 Quant Time: Aug 14 04:11:12 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)	11.308	4464159	35.458 ug/ml
Spiked Amount 50.000		Recovery =	70.92%
12) S 1-chlorooctadecane (S...	12.748	3929516	39.649 ug/ml
Spiked Amount 50.000		Recovery =	79.30%
Target Compounds			
1) T n-Nonane (C9)	3.146	3571180	34.152 ug/ml
2) T n-Decane (C10)	4.194	4204033	39.922 ug/ml
3) T A~Naphthalene (C11.7)	5.755	4804124	44.213 ug/ml
4) T n-Dodecane (C12)	6.192	4822516	44.410 ug/ml
5) T A~2-methylnaphthalene...	6.805	4909861	44.987 ug/ml
6) T n-Tetradecane (C14)	7.978	5417417	48.527 ug/ml
7) T n-Hexadecane (C16)	9.570	5679166	49.794 ug/ml
8) T n-Octadecane (C18)	11.006	6113414	51.843 ug/ml
10) T n-Eicosane (C20)	12.310	5907759	50.320 ug/ml
11) T n-Heneicosane (C21)	12.918	5899034	49.960 ug/ml
13) T n-Docosane (C22)	13.503	5727668	49.040 ug/mlm
14) T n-Tetracosane (C24)	14.600	5477056	47.318 ug/mlm
15) T n-Hexacosane (C26)	15.619	5265267	46.981 ug/ml
16) T n-Octacosane (C28)	16.563	5252834	48.381 ug/ml
17) T n-Tricontane (C30)	17.451	4798364	45.957 ug/ml
18) T n-Dotriacontane (C32)	18.278	4591710	46.365 ug/ml
19) T n-Tetratriacontane (C34)	19.059	4236736	44.701 ug/ml
20) T n-Hexatriacontane (C36)	19.797	3953289	43.748 ug/mlm
21) T n-Octatriacontane (C38)	20.497	3776979	43.713 ug/ml
22) T n-Tetracontane (C40)	21.303	3879690	43.565 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

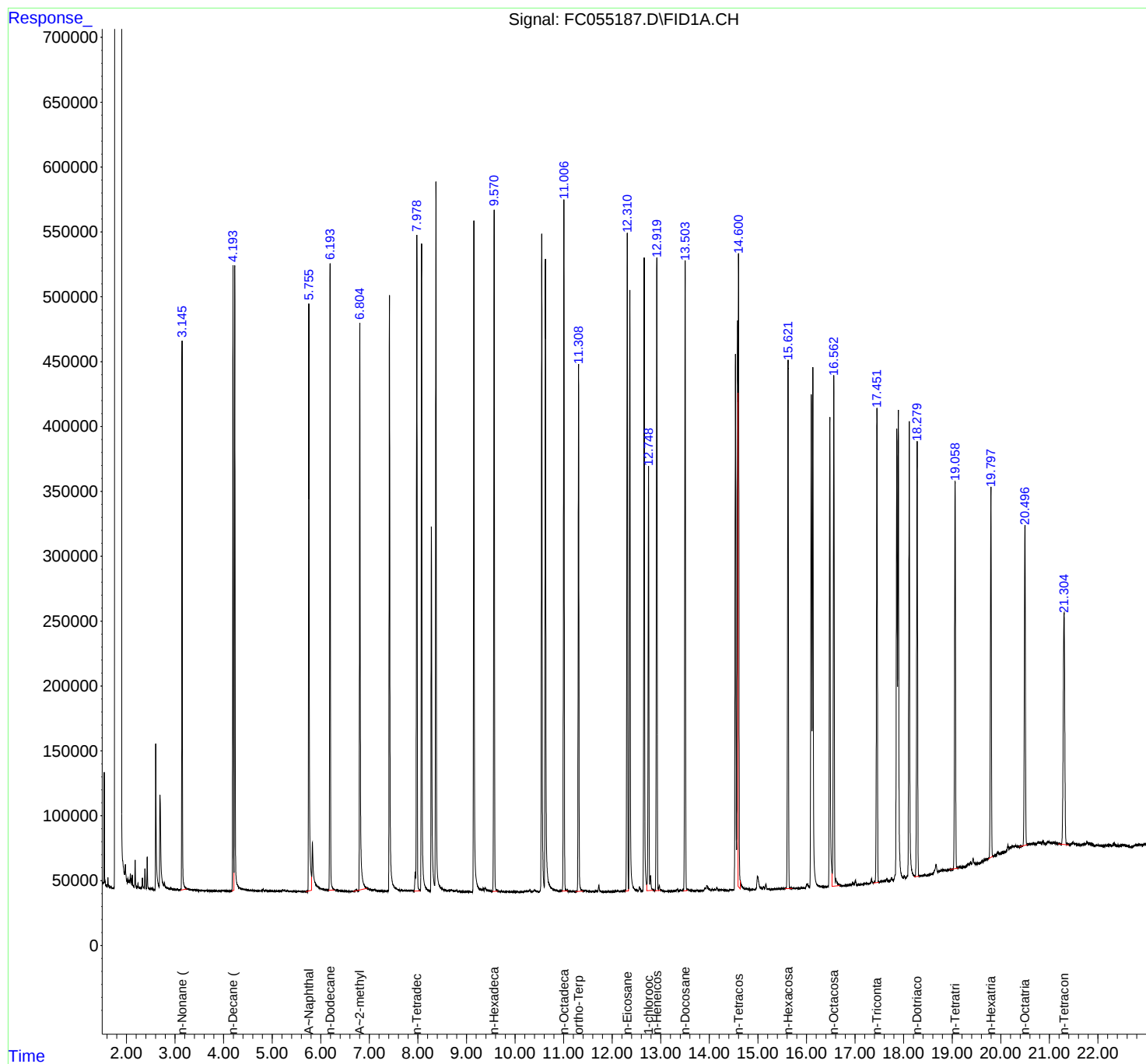
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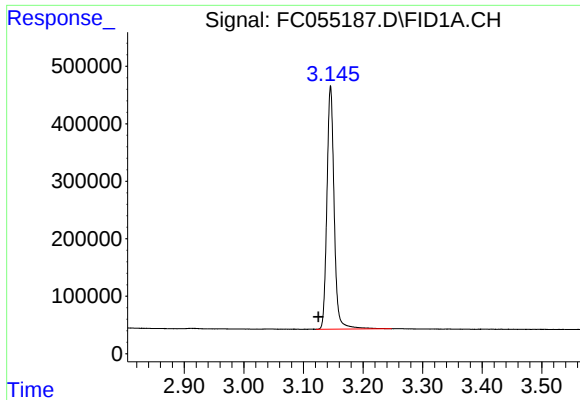
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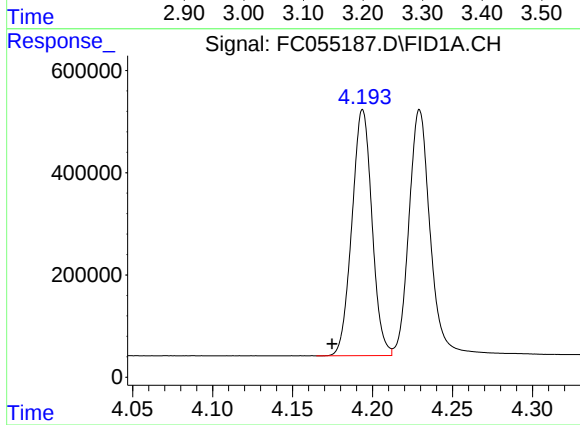
#1 n-Nonane (C9)

R.T.: 3.146 min
Delta R.T.: 0.021 min
Response: 3571180
Conc: 34.15 ug/ml

Instrument :
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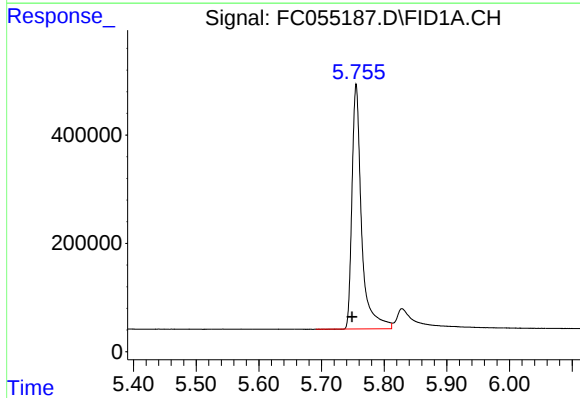
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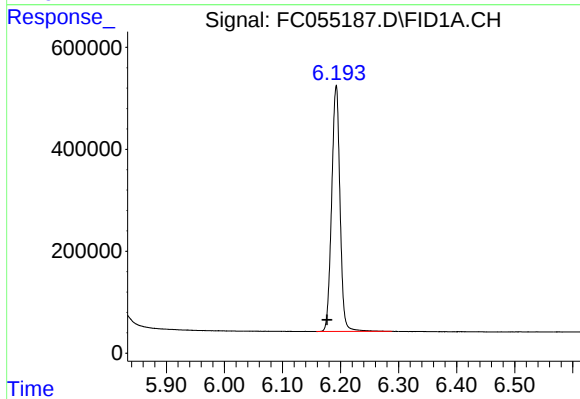
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.019 min
Response: 4204033
Conc: 39.92 ug/ml



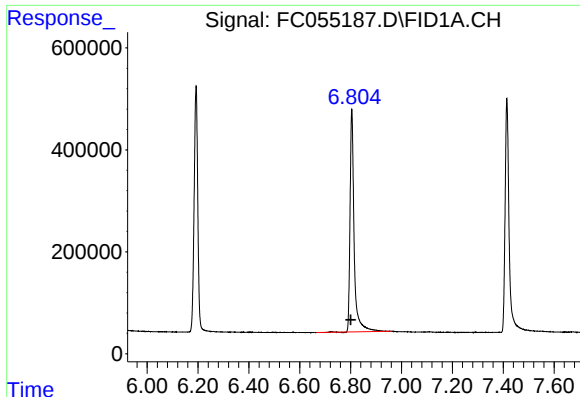
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: 0.007 min
Response: 4804124
Conc: 44.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 4822516
Conc: 44.41 ug/ml



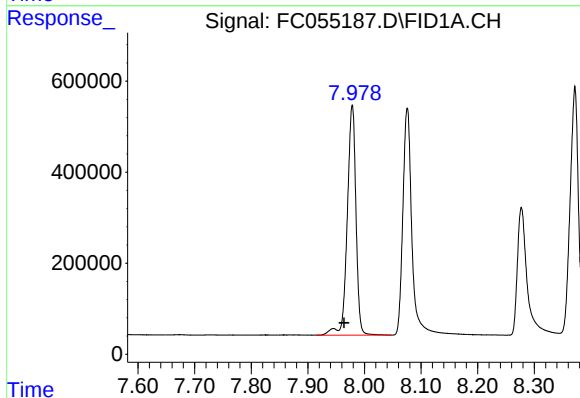
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 4909861
Conc: 44.99 ug/ml

Instrument :
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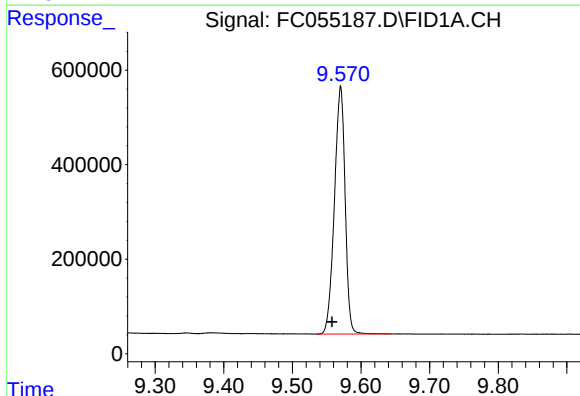
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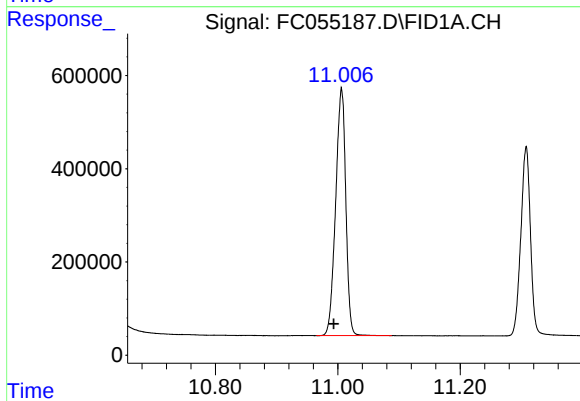
#6 n-Tetradecane (C14)

R.T.: 7.978 min
Delta R.T.: 0.014 min
Response: 5417417
Conc: 48.53 ug/ml



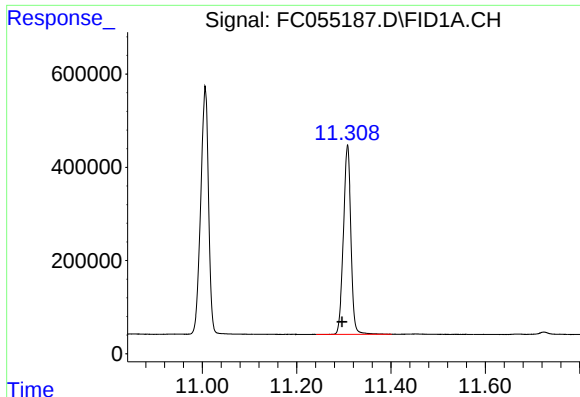
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: 0.012 min
Response: 5679166
Conc: 49.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: 0.012 min
Response: 6113414
Conc: 51.84 ug/ml



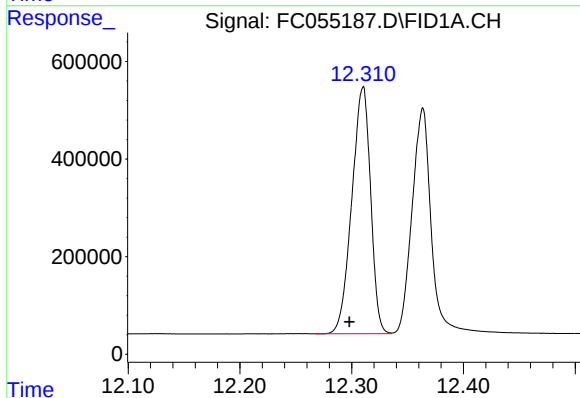
#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.011 min
Response: 4464159
Conc: 35.46 ug/ml

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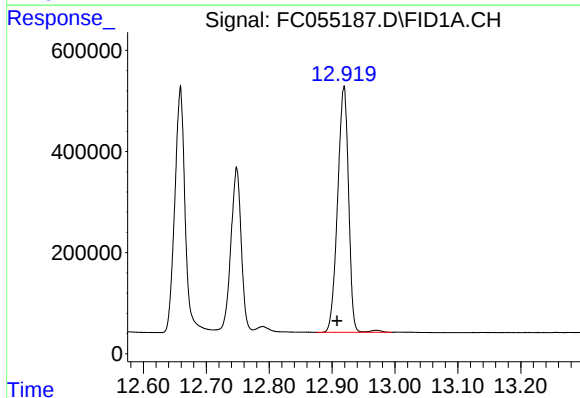
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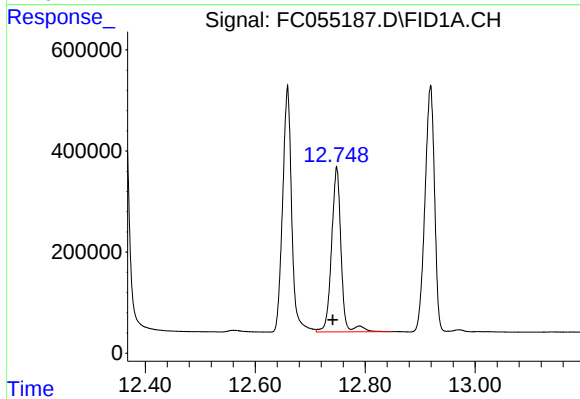
#10 n-Eicosane (C20)

R.T.: 12.310 min
Delta R.T.: 0.012 min
Response: 5907759
Conc: 50.32 ug/ml



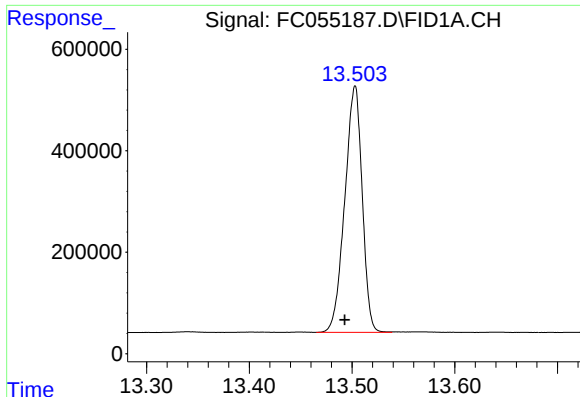
#11 n-Heneicosane (C21)

R.T.: 12.918 min
Delta R.T.: 0.010 min
Response: 5899034
Conc: 49.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.748 min
Delta R.T.: 0.007 min
Response: 3929516
Conc: 39.65 ug/ml



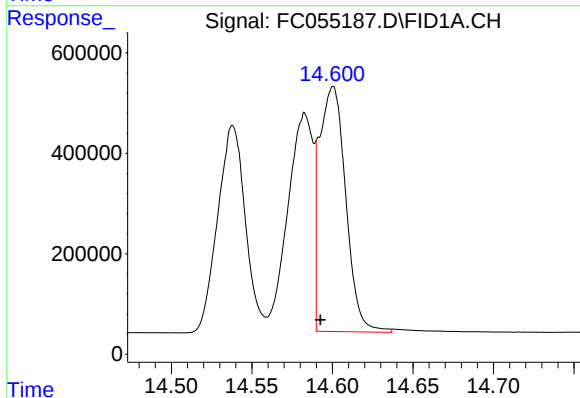
#13 n-Docosane (C22)

R.T.: 13.503 min
Delta R.T.: 0.010 min
Response: 5727668
Conc: 49.04 ug/ml m

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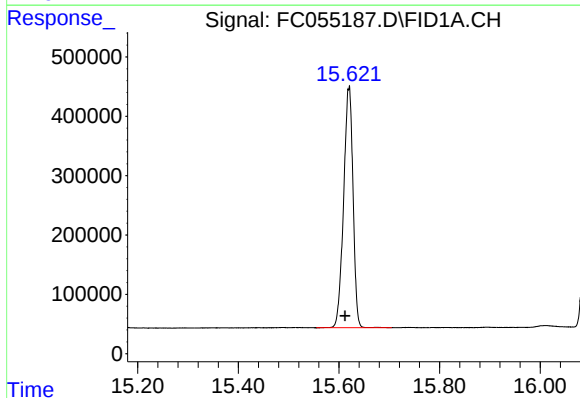
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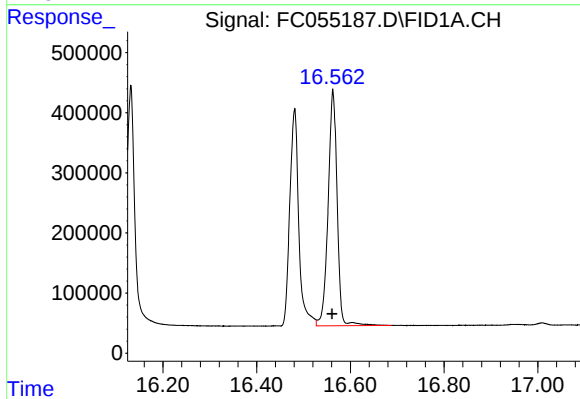
#14 n-Tetracosane (C24)

R.T.: 14.600 min
Delta R.T.: 0.008 min
Response: 5477056
Conc: 47.32 ug/ml m



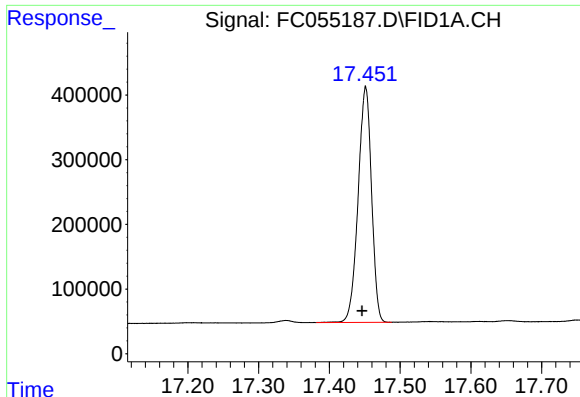
#15 n-Hexacosane (C26)

R.T.: 15.619 min
Delta R.T.: 0.008 min
Response: 5265267
Conc: 46.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.563 min
Delta R.T.: 0.002 min
Response: 5252834
Conc: 48.38 ug/ml



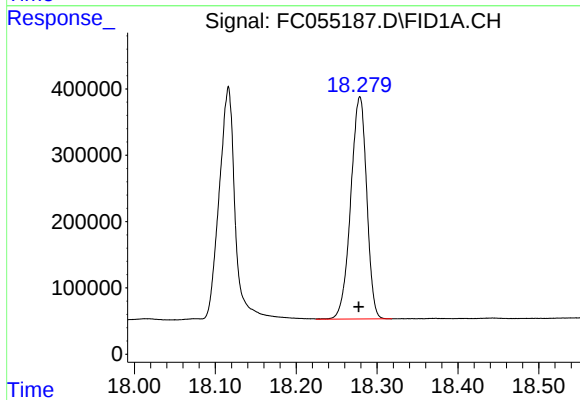
#17 n-Tricontane (C30)

R.T.: 17.451 min
Delta R.T.: 0.005 min
Response: 4798364
Conc: 45.96 ug/ml

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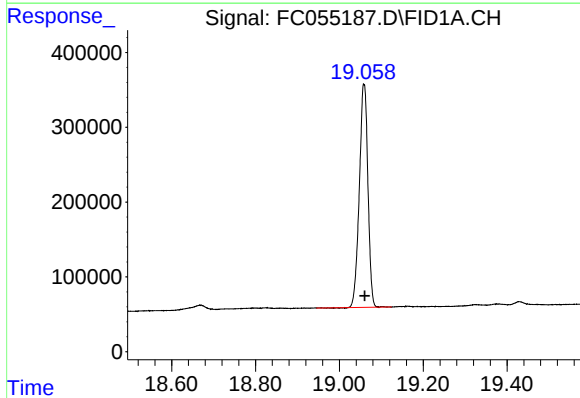
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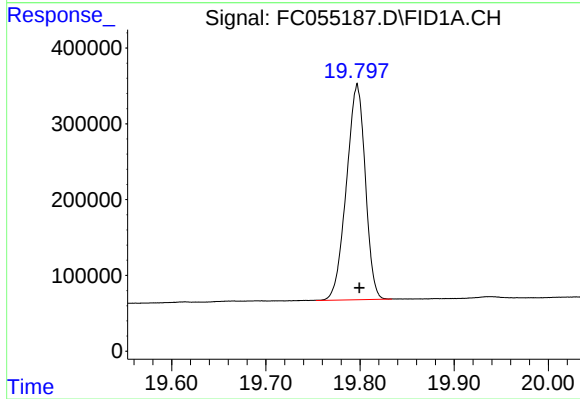
#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.000 min
Response: 4591710
Conc: 46.37 ug/ml



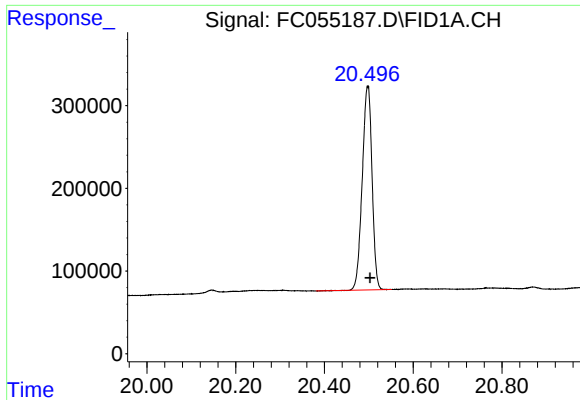
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: -0.002 min
Response: 4236736
Conc: 44.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.797 min
Delta R.T.: -0.003 min
Response: 3953289
Conc: 43.75 ug/ml m



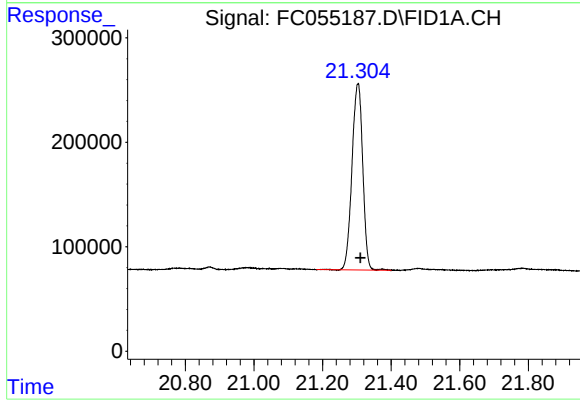
#21 n-Octatriacontane (C38)

R.T.: 20.497 min
Delta R.T.: -0.006 min
Response: 3776979
Conc: 43.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.303 min
Delta R.T.: -0.008 min
Response: 3879690
Conc: 43.57 ug/ml