

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060921AL\
 Data File : FC054169.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2021 5:37
 Operator : DD\AJ
 Sample : M2651-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 17-B6(4-8)MS

Manual Integrations
 APPROVED

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 6/10/2021 3:16:13 PM

Integration File: autoint1.e
 Quant Time: Jun 10 06:46:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.359	6768886	48.479 ug/ml
Spiked Amount 50.000		Recovery =	96.96%
12) S 1-chlorooctadecane (S...	12.801	5306176	47.327 ug/ml
Spiked Amount 50.000		Recovery =	94.65%
Target Compounds			
1) T n-Nonane (C9)	3.164	4664137	39.478 ug/ml
2) T n-Decane (C10)	4.223	5670767	47.577 ug/ml
3) T A~Naphthalene (C11.7)	5.788	7414866	56.695 ug/mlm
4) T n-Dodecane (C12)	6.231	7274969	59.261 ug/ml
5) T A~2-methylnaphthalene...	6.843	7894541	59.138 ug/mlm
6) T n-Tetradecane (C14)	8.023	8177581	65.927 ug/ml
7) T n-Hexadecane (C16)	9.617	8481816	68.077 ug/ml
8) T n-Octadecane (C18)	11.056	8738734	66.345 ug/ml
10) T n-Eicosane (C20)	12.363	8378484	62.508 ug/ml
11) T n-Heneicosane (C21)	12.972	8273581	61.686 ug/ml
13) T n-Docosane (C22)	13.557	8074598	60.077 ug/ml
14) T n-Tetracosane (C24)	14.658	7453466	55.512 ug/ml
15) T n-Hexacosane (C26)	15.681	7627092	57.547 ug/ml
16) T n-Octacosane (C28)	16.627	7667296	58.069 ug/ml
17) T n-Tricontane (C30)	17.517	7452094	56.834 ug/ml
18) T n-Dotriacontane (C32)	18.347	7366244	57.102 ug/ml
19) T n-Tetratriacontane (C34)	19.130	7356043	60.298 ug/ml
20) T n-Hexatriacontane (C36)	19.870	7354554	65.143 ug/ml
21) T n-Octatriacontane (C38)	20.576	7271149	72.112 ug/mlm
22) T n-Tetracontane (C40)	21.411	7487610	74.192 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 22 Sample Multiplier: 1

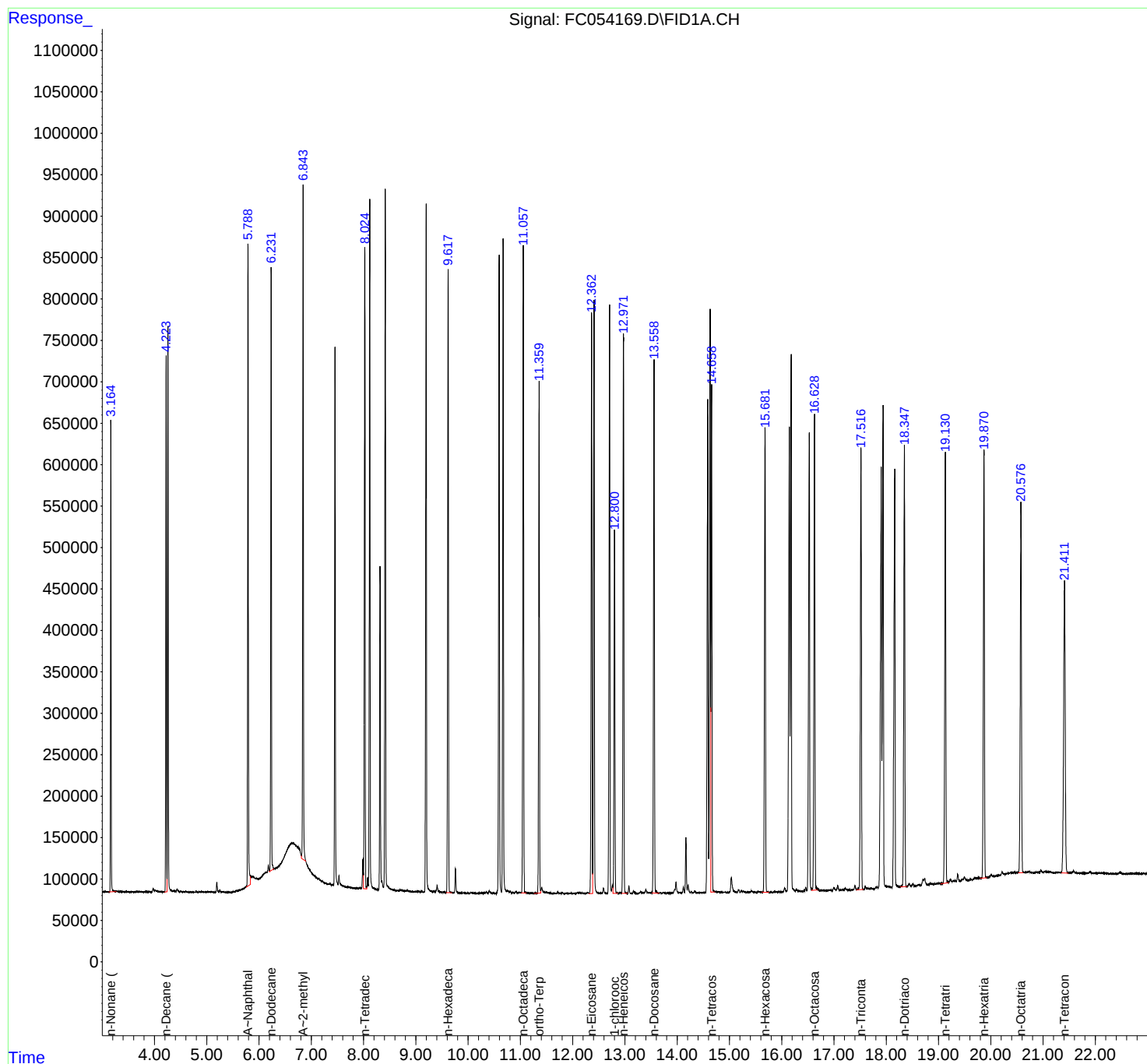
Instrument :
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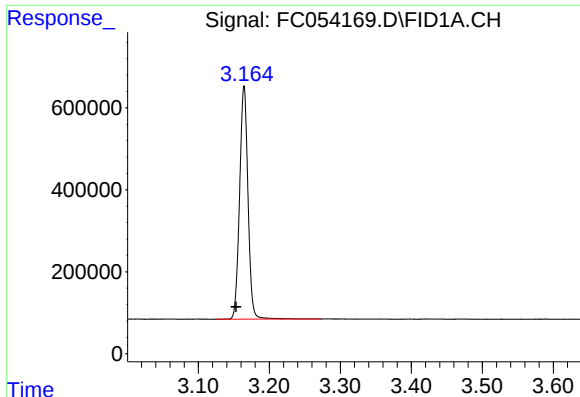
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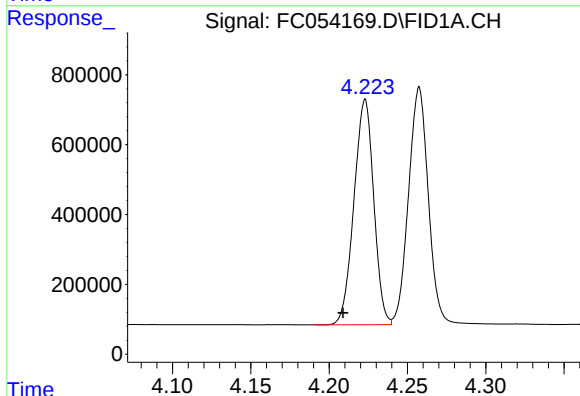
#1 n-Nonane (C9)

R.T.: 3.164 min
Delta R.T.: 0.011 min
Response: 4664137
Conc: 39.48 ug/ml

Instrument :
FID_C
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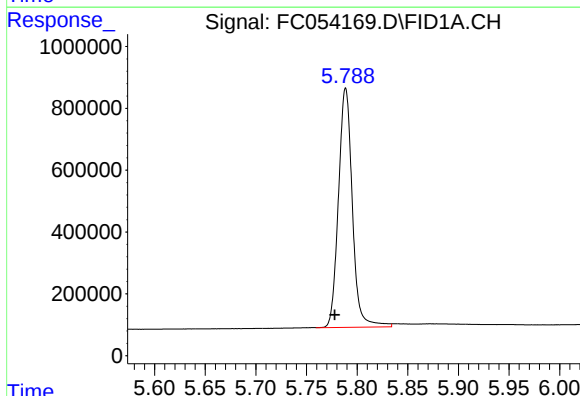
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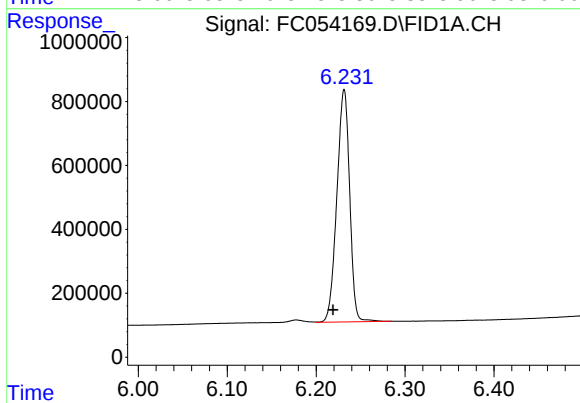
#2 n-Decane (C10)

R.T.: 4.223 min
Delta R.T.: 0.014 min
Response: 5670767
Conc: 47.58 ug/ml



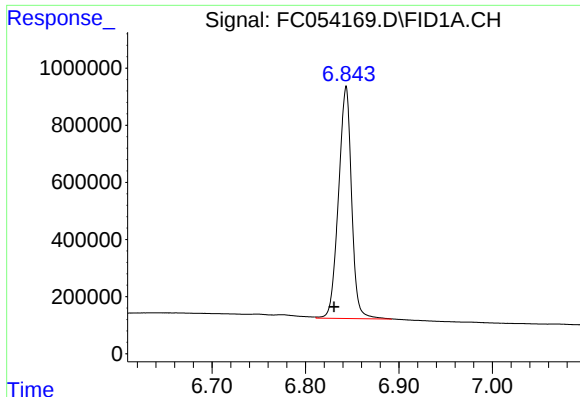
#3 A~Naphthalene (C11.7)

R.T.: 5.788 min
Delta R.T.: 0.010 min
Response: 7414866
Conc: 56.69 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.231 min
Delta R.T.: 0.012 min
Response: 7274969
Conc: 59.26 ug/ml



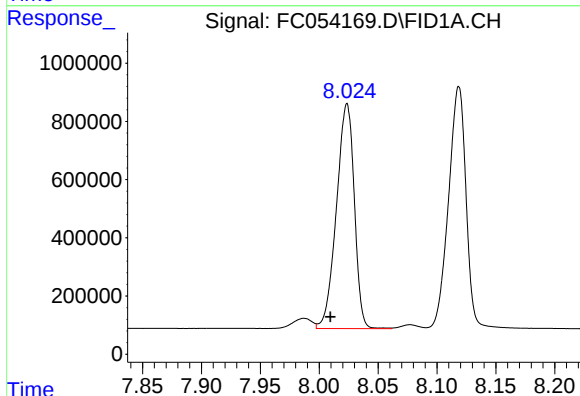
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: 0.013 min
Response: 7894541
Conc: 59.14 ug/ml m

Instrument :
FID_C
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17-B6(4-8)MS

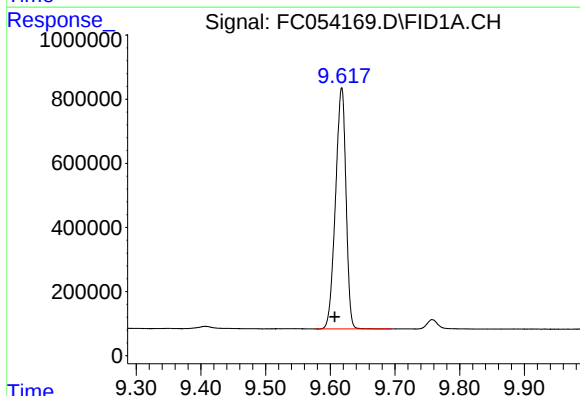
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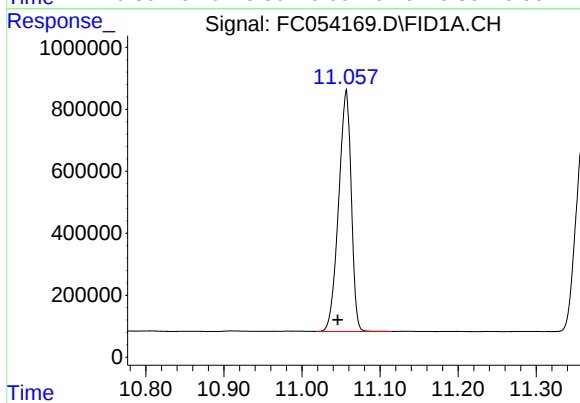
#6 n-Tetradecane (C14)

R.T.: 8.023 min
Delta R.T.: 0.014 min
Response: 8177581
Conc: 65.93 ug/ml



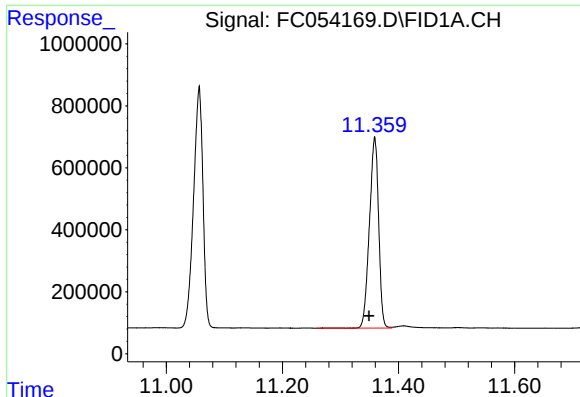
#7 n-Hexadecane (C16)

R.T.: 9.617 min
Delta R.T.: 0.010 min
Response: 8481816
Conc: 68.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.056 min
Delta R.T.: 0.010 min
Response: 8738734
Conc: 66.34 ug/ml



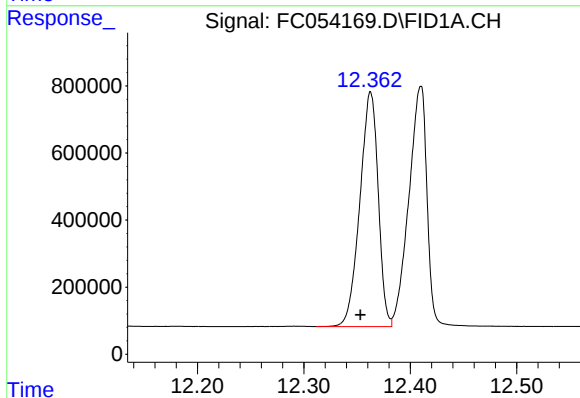
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.010 min
Response: 6768886
Conc: 48.48 ug/ml

Instrument :
FID_C
ClientSampleId :
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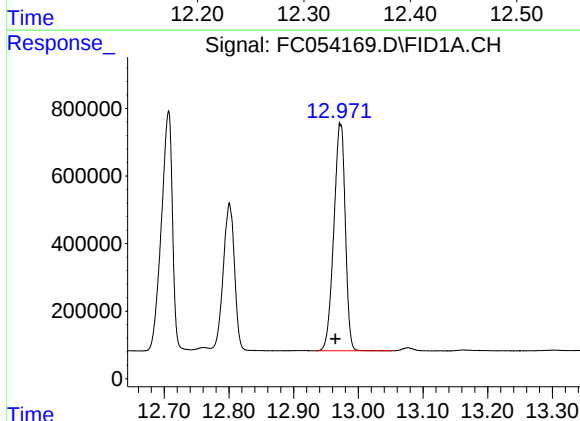
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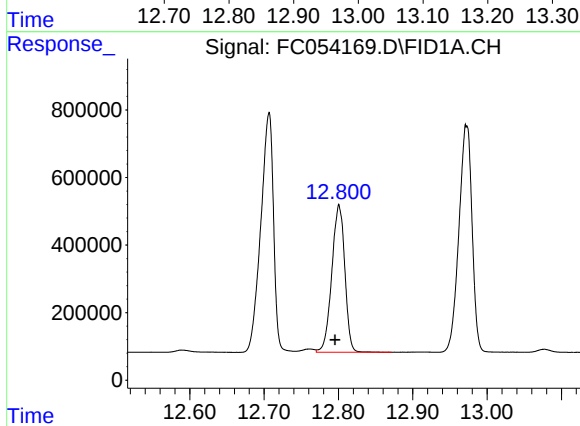
#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: 0.009 min
Response: 8378484
Conc: 62.51 ug/ml



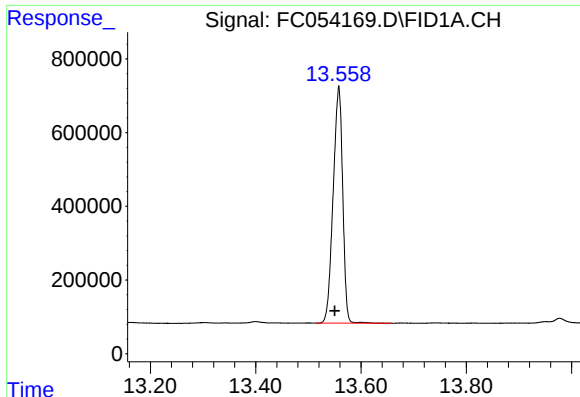
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: 0.007 min
Response: 8273581
Conc: 61.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: 0.005 min
Response: 5306176
Conc: 47.33 ug/ml



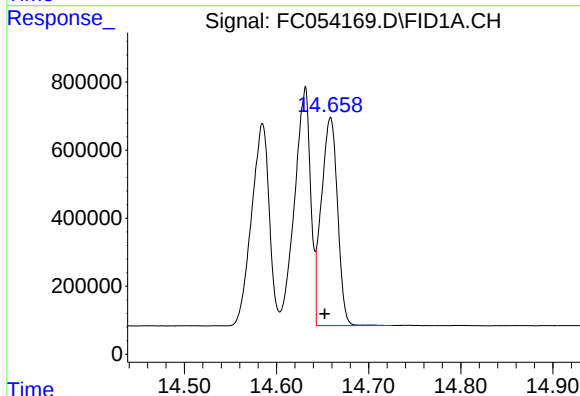
#13 n-Docosane (C22)

R.T.: 13.557 min
Delta R.T.: 0.007 min
Response: 8074598
Conc: 60.08 ug/ml

Instrument :
FID_C
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17-B6(4-8)MS

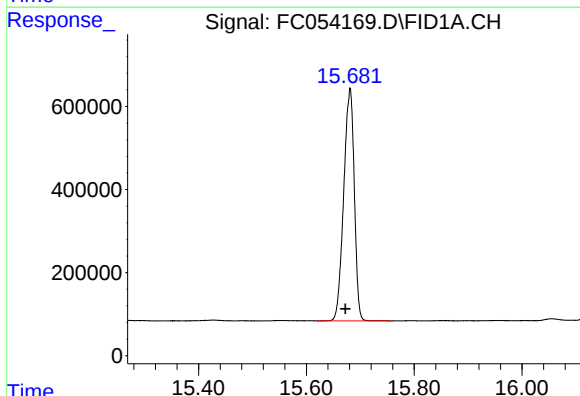
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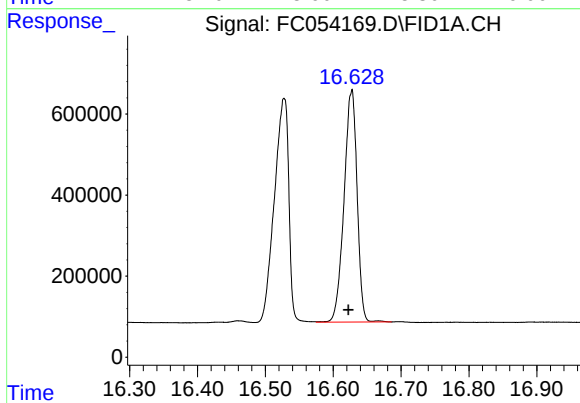
#14 n-Tetracosane (C24)

R.T.: 14.658 min
Delta R.T.: 0.006 min
Response: 7453466
Conc: 55.51 ug/ml



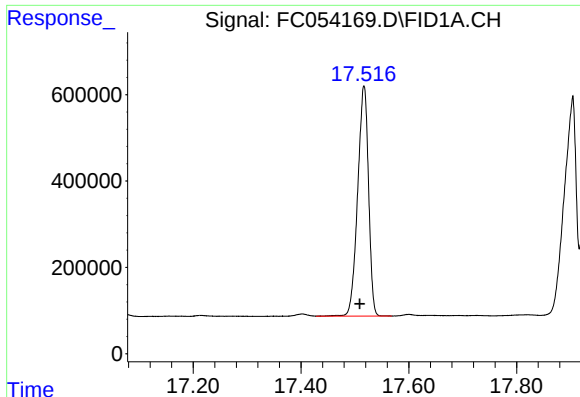
#15 n-Hexacosane (C26)

R.T.: 15.681 min
Delta R.T.: 0.008 min
Response: 7627092
Conc: 57.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: 0.005 min
Response: 7667296
Conc: 58.07 ug/ml



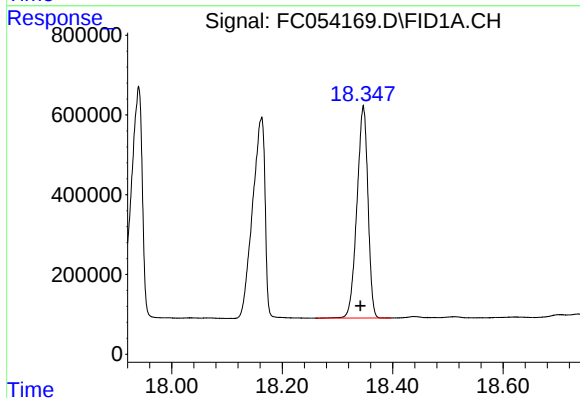
#17 n-Tricontane (C30)

R.T.: 17.517 min
Delta R.T.: 0.008 min
Response: 7452094
Conc: 56.83 ug/ml

Instrument :
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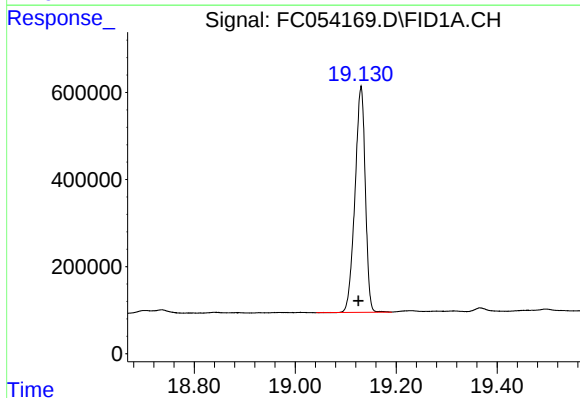
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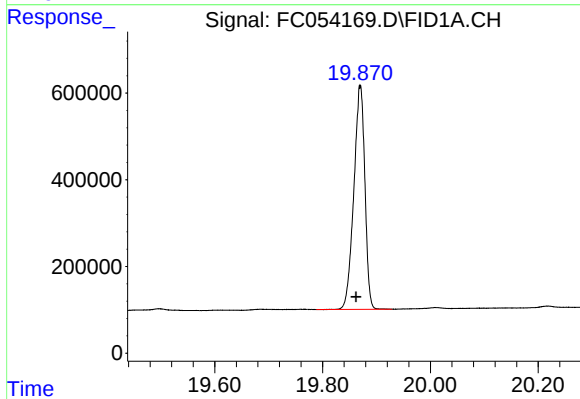
#18 n-Dotriacontane (C32)

R.T.: 18.347 min
Delta R.T.: 0.005 min
Response: 7366244
Conc: 57.10 ug/ml



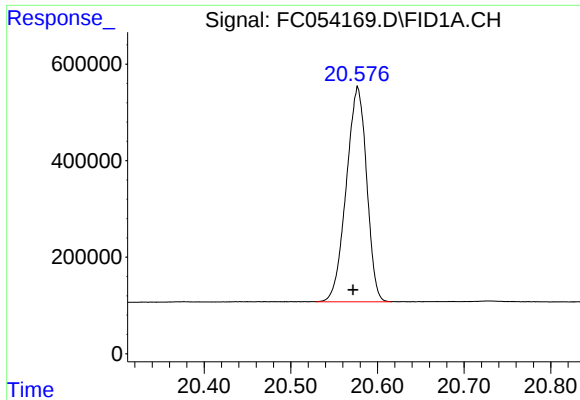
#19 n-Tetratriacontane (C34)

R.T.: 19.130 min
Delta R.T.: 0.005 min
Response: 7356043
Conc: 60.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.870 min
Delta R.T.: 0.008 min
Response: 7354554
Conc: 65.14 ug/ml



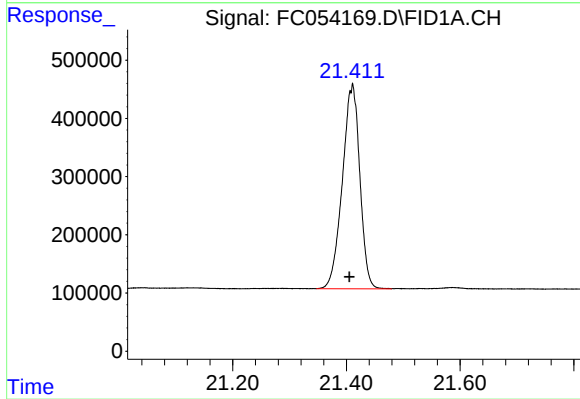
#21 n-Octatriacontane (C38)

R.T.: 20.576 min
Delta R.T.: 0.005 min
Response: 7271149
Conc: 72.11 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.411 min
Delta R.T.: 0.005 min
Response: 7487610
Conc: 74.19 ug/ml m