

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081221AL\
 Data File : FC055161.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 19:38
 Operator : AJ\MA
 Sample : M3375-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 T-8MS

Manual Integrations
 APPROVED

mohammad
 8/13/2021 10:09:37 AM

Integration File: autoint1.e
 Quant Time: Aug 13 01:40:36 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)	11.309	4552490	36.160 ug/ml
Spiked Amount 50.000		Recovery =	72.32%
12) S 1-chlorooctadecane (S...	12.749	3543745	35.757 ug/ml
Spiked Amount 50.000		Recovery =	71.51%
Target Compounds			
1) T n-Nonane (C9)	3.143	3271469	31.286 ug/ml
2) T n-Decane (C10)	4.193	3771569	35.815 ug/ml
3) T A~Naphthalene (C11.7)	5.756	4108957	37.815 ug/ml
4) T n-Dodecane (C12)	6.194	4409181	40.604 ug/ml
5) T A~2-methylnaphthalene...	6.806	4502597	41.255 ug/ml
6) T n-Tetradecane (C14)	7.981	4919142	44.064 ug/ml
7) T n-Hexadecane (C16)	9.570	5276390	46.263 ug/ml
8) T n-Octadecane (C18)	11.006	5480537	46.476 ug/ml
10) T n-Eicosane (C20)	12.310	5194903	44.248 ug/ml
11) T n-Heneicosane (C21)	12.919	5122285	43.381 ug/ml
13) T n-Docosane (C22)	13.502	5049189	43.231 ug/ml
14) T n-Tetracosane (C24)	14.601	4870563	42.079 ug/mlm
15) T n-Hexacosane (C26)	15.619	4595159	41.002 ug/ml
16) T n-Octacosane (C28)	16.564	4593406	42.307 ug/ml
17) T n-Tricontane (C30)	17.450	4306423	41.245 ug/ml
18) T n-Dotriacontane (C32)	18.278	4175016	42.158 ug/ml
19) T n-Tetratriacontane (C34)	19.060	3899853	41.147 ug/ml
20) T n-Hexatriacontane (C36)	19.797	3625726	40.123 ug/ml
21) T n-Octatriacontane (C38)	20.497	3490619	40.399 ug/ml
22) T n-Tetracontane (C40)	21.303	3573400	40.126 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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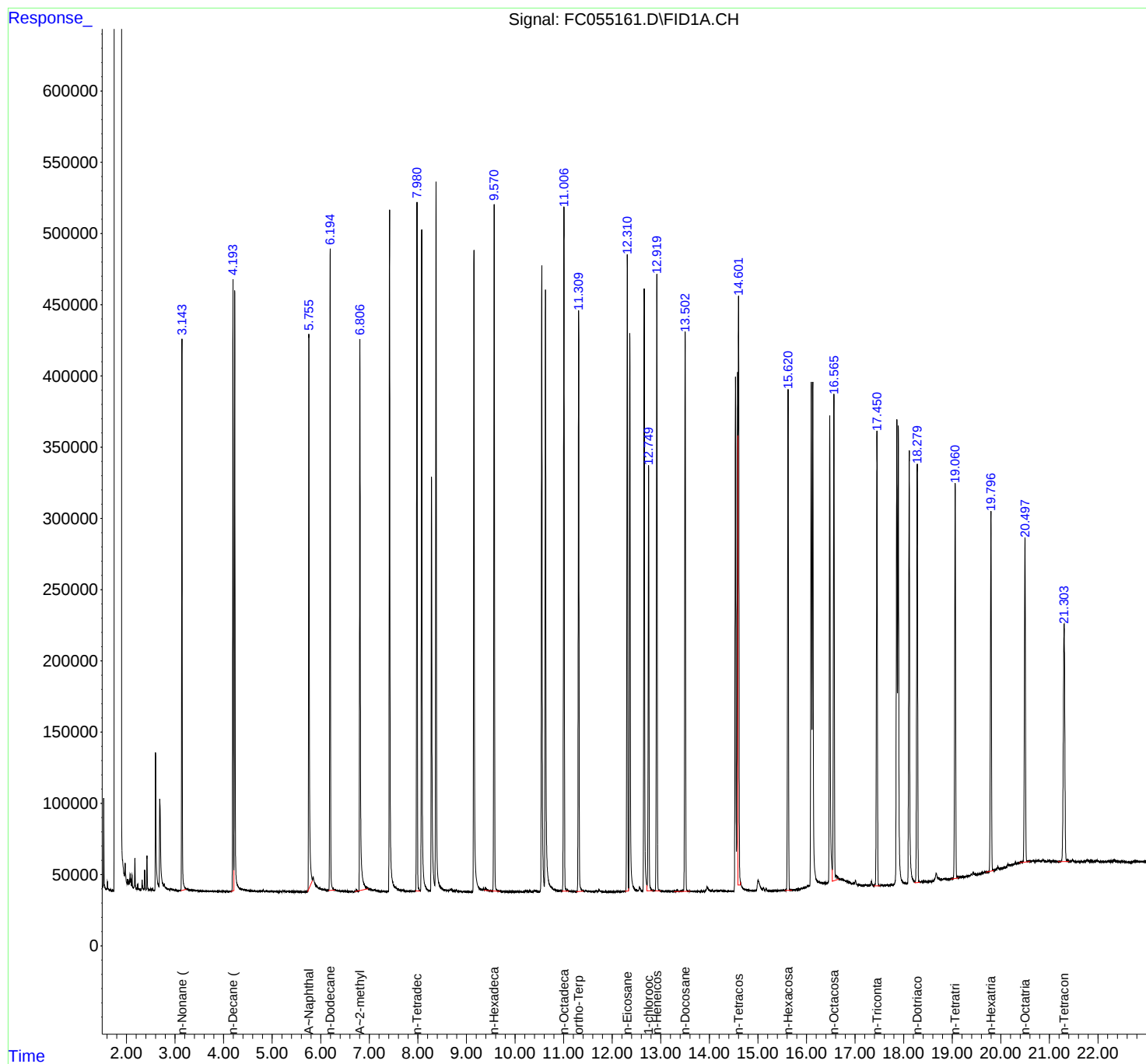
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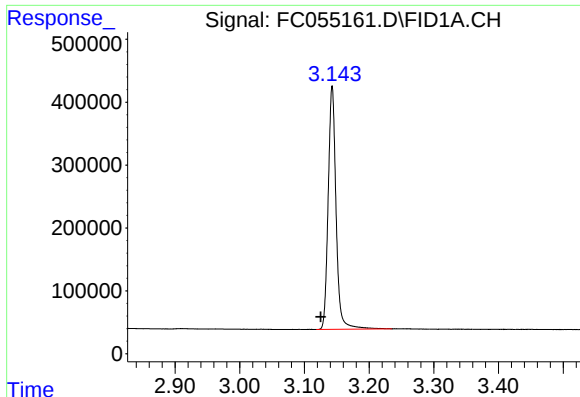
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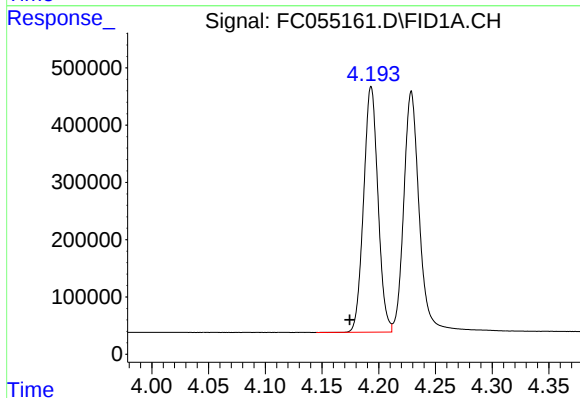
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.018 min
Response: 3271469
Conc: 31.29 ug/ml

Instrument :
FID_C
ClientSampleId :
T-8MS

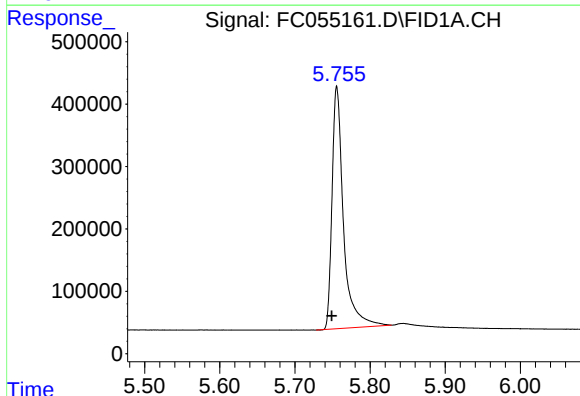
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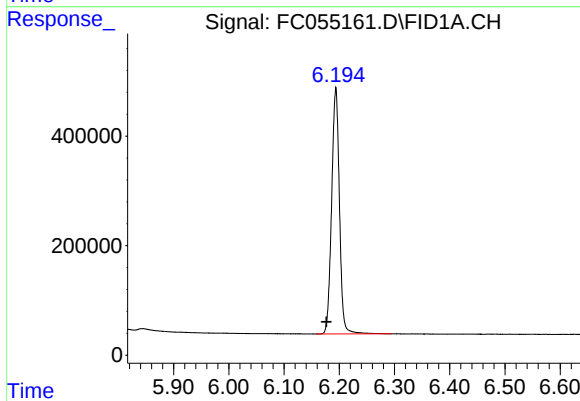
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.019 min
Response: 3771569
Conc: 35.82 ug/ml



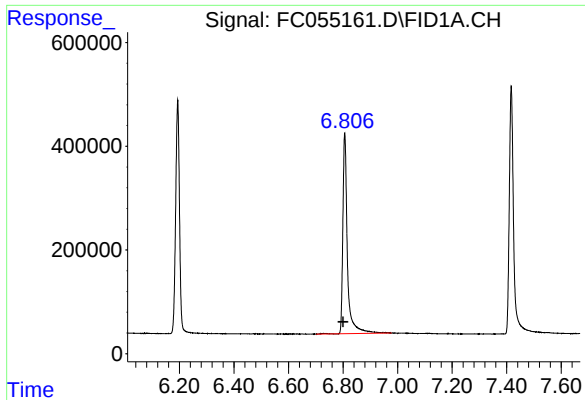
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 4108957
Conc: 37.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.194 min
Delta R.T.: 0.017 min
Response: 4409181
Conc: 40.60 ug/ml



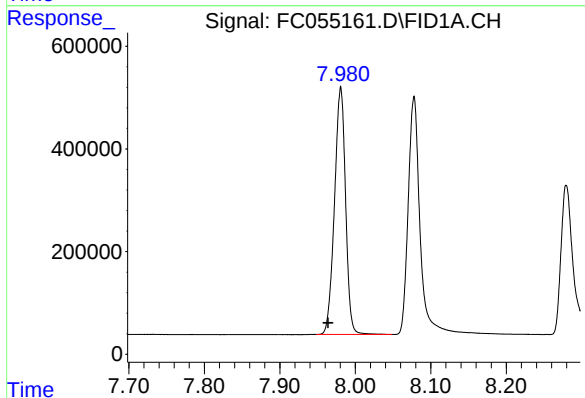
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: 0.006 min
Response: 4502597
Conc: 41.26 ug/ml

Instrument :
FID_C
ClientSampleId :
T-8MS

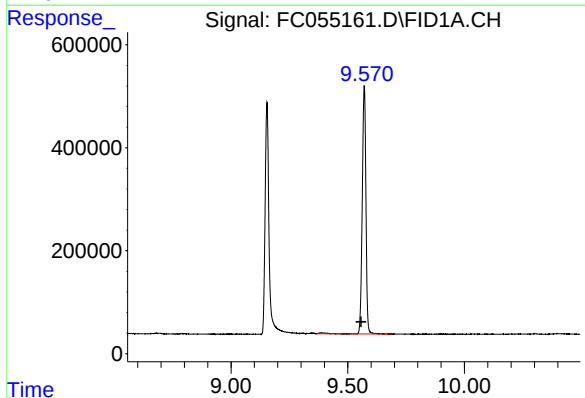
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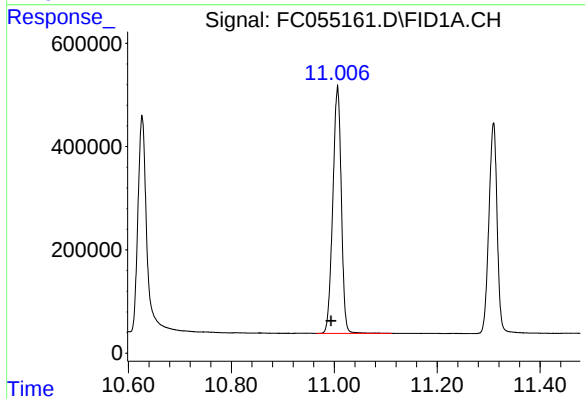
#6 n-Tetradecane (C14)

R.T.: 7.981 min
Delta R.T.: 0.017 min
Response: 4919142
Conc: 44.06 ug/ml



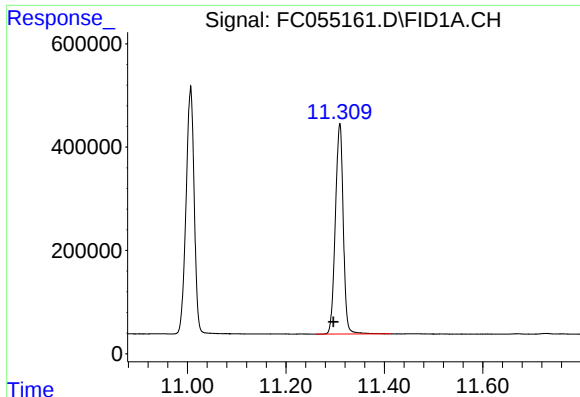
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: 0.012 min
Response: 5276390
Conc: 46.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: 0.012 min
Response: 5480537
Conc: 46.48 ug/ml



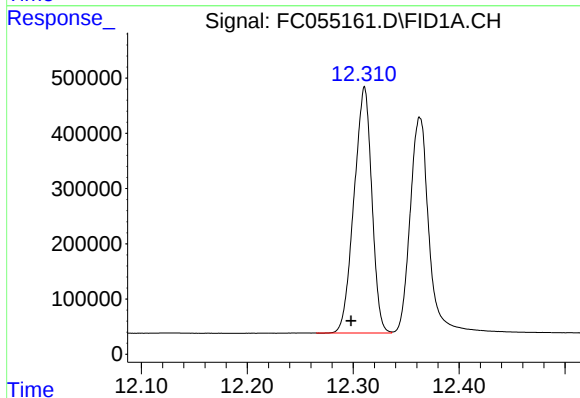
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: 0.012 min
Response: 4552490
Conc: 36.16 ug/ml

Instrument :
FID_C
ClientSampleId :
T-8MS

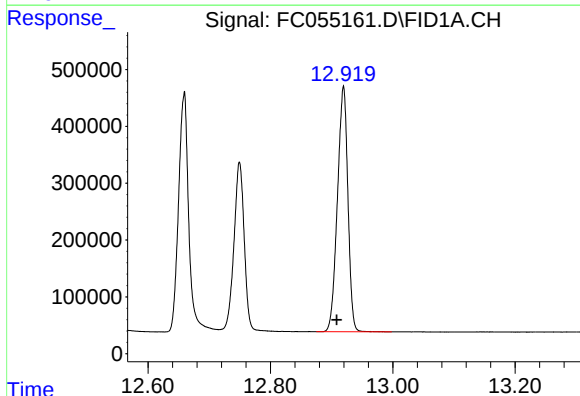
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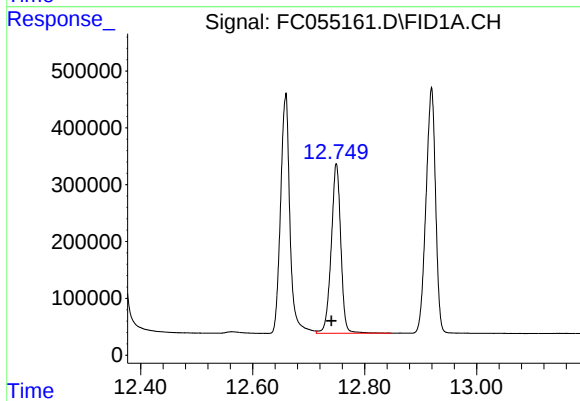
#10 n-Eicosane (C20)

R.T.: 12.310 min
Delta R.T.: 0.012 min
Response: 5194903
Conc: 44.25 ug/ml



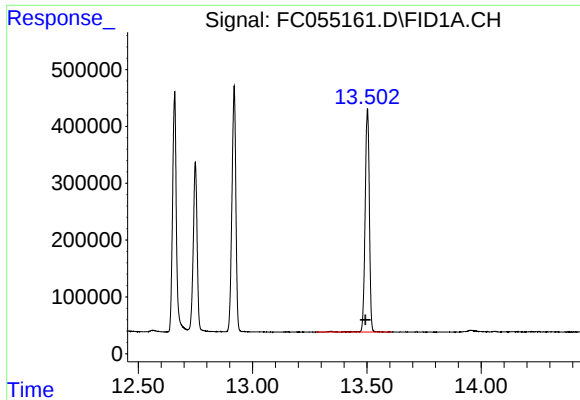
#11 n-Heneicosane (C21)

R.T.: 12.919 min
Delta R.T.: 0.011 min
Response: 5122285
Conc: 43.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.749 min
Delta R.T.: 0.009 min
Response: 3543745
Conc: 35.76 ug/ml



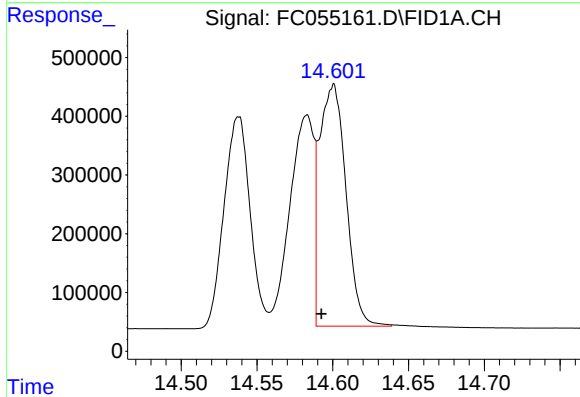
#13 n-Docosane (C22)

R.T.: 13.502 min
Delta R.T.: 0.009 min
Response: 5049189
Conc: 43.23 ug/ml

Instrument :
FID_C
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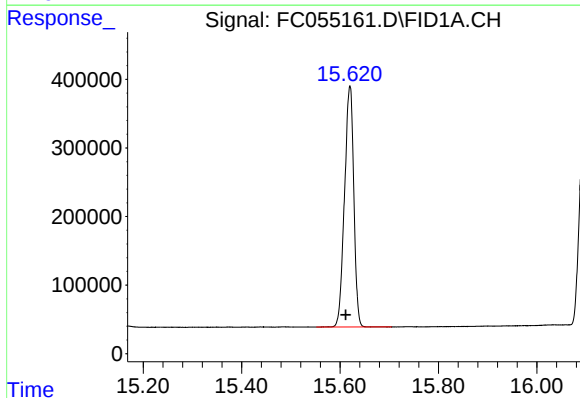
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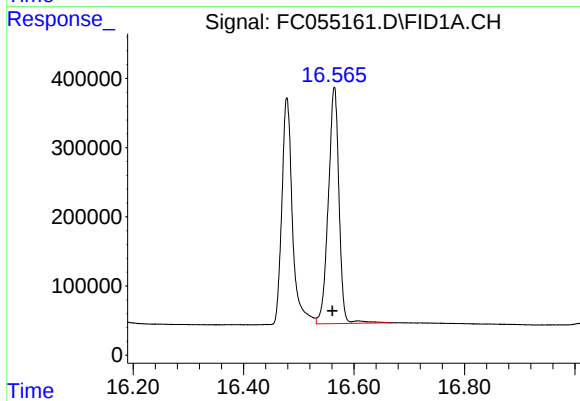
#14 n-Tetracosane (C24)

R.T.: 14.601 min
Delta R.T.: 0.008 min
Response: 4870563
Conc: 42.08 ug/ml m



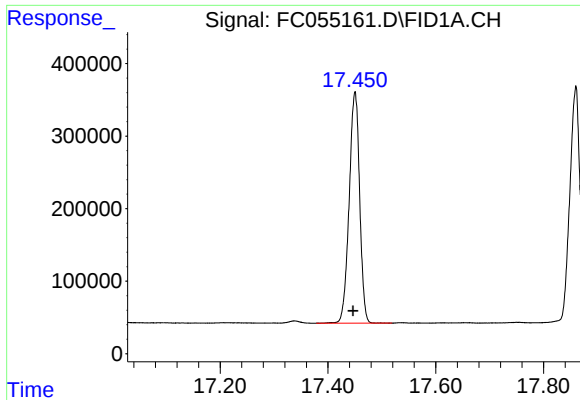
#15 n-Hexacosane (C26)

R.T.: 15.619 min
Delta R.T.: 0.007 min
Response: 4595159
Conc: 41.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.564 min
Delta R.T.: 0.003 min
Response: 4593406
Conc: 42.31 ug/ml



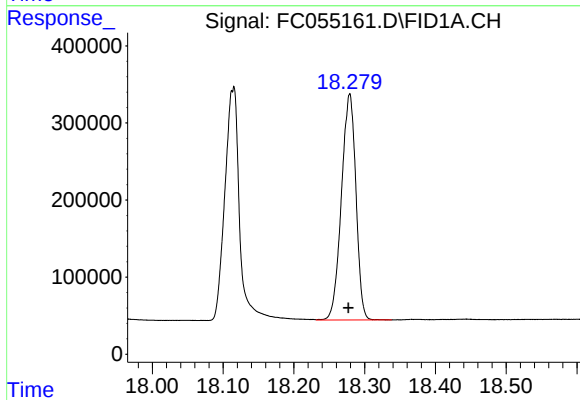
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.003 min
Response: 4306423
Conc: 41.25 ug/ml

Instrument :
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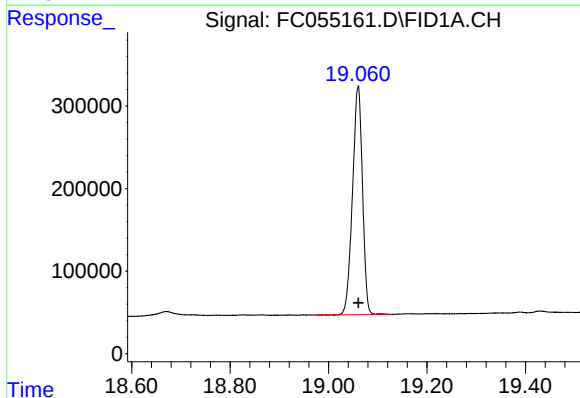
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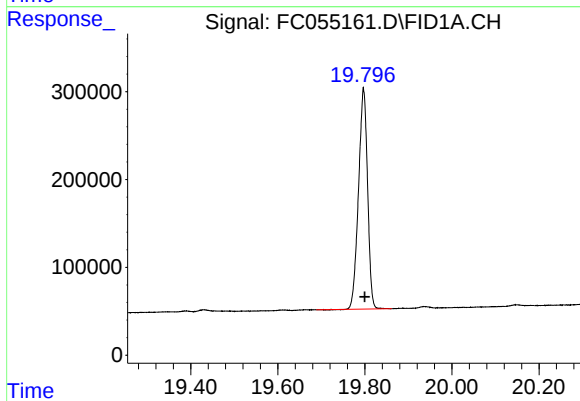
#18 n-Dotriacontane (C32)

R.T.: 18.278 min
Delta R.T.: 0.000 min
Response: 4175016
Conc: 42.16 ug/ml



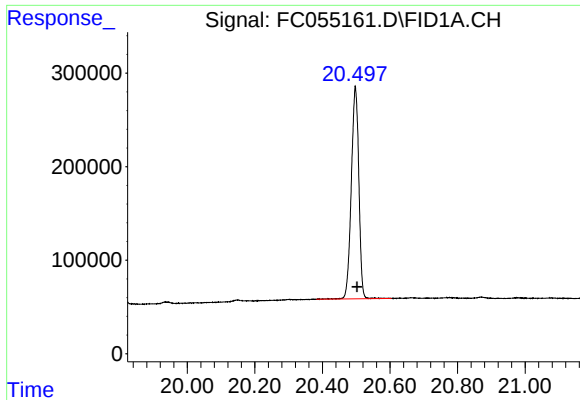
#19 n-Tetratriacontane (C34)

R.T.: 19.060 min
Delta R.T.: -0.001 min
Response: 3899853
Conc: 41.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.797 min
Delta R.T.: -0.003 min
Response: 3625726
Conc: 40.12 ug/ml



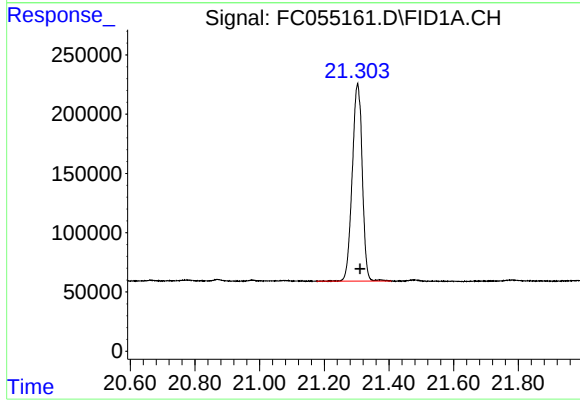
#21 n-Octatriacontane (C38)

R.T.: 20.497 min
Delta R.T.: -0.005 min
Response: 3490619
Conc: 40.40 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.303 min
Delta R.T.: -0.007 min
Response: 3573400
Conc: 40.13 ug/ml