

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054574.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 00:47
 Operator : DD\AJ
 Sample : M2933-04MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 4MS

Manual Integrations
 APPROVED

mohammad
 7/9/2021 11:40:42 AM

Integration File: sample.E
 Quant Time: Jul 08 02:42:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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			
12) S 1-chlorooctadecane (S...	12.776	2943140	26.402 ug/ml
Spiked Amount 50.000		Recovery =	52.80%
Target Compounds			
1) T n-Nonane (C9)	3.148	4352782	37.015 ug/ml
2) T n-Decane (C10)	4.202	5770123	48.594 ug/ml
4) T n-Dodecane (C12)	6.209	7230188	60.325 ug/ml
6) T n-Tetradecane (C14)	7.998	7804156	64.054 ug/ml
7) T n-Hexadecane (C16)	9.595	8363896	67.147 ug/ml
8) T n-Octadecane (C18)	11.033	9114204	70.566 ug/ml
10) T n-Eicosane (C20)	12.340	8984968	69.051 ug/ml
11) T n-Heneicosane (C21)	12.950	9093553	68.492 ug/ml
13) T n-Docosane (C22)	13.536	8948555	67.546 ug/ml
14) T n-Tetracosane (C24)	14.637	8856358	65.423 ug/ml
15) T n-Hexacosane (C26)	15.656	8687564	64.112 ug/ml
16) T n-Octacosane (C28)	16.604	8478173	61.769 ug/ml
17) T n-Tricontane (C30)	17.490	8115323	58.592 ug/ml
18) T n-Dotriacontane (C32)	18.323	7748292	56.635 ug/ml
19) T n-Tetratriacontane (C34)	19.105	7456857	55.188 ug/mlm
20) T n-Hexatriacontane (C36)	19.843	7205895	58.376 ug/mlm
21) T n-Octatriacontane (C38)	20.550	7237953	63.987 ug/ml
22) T n-Tetracontane (C40)	21.373	7333697	64.884 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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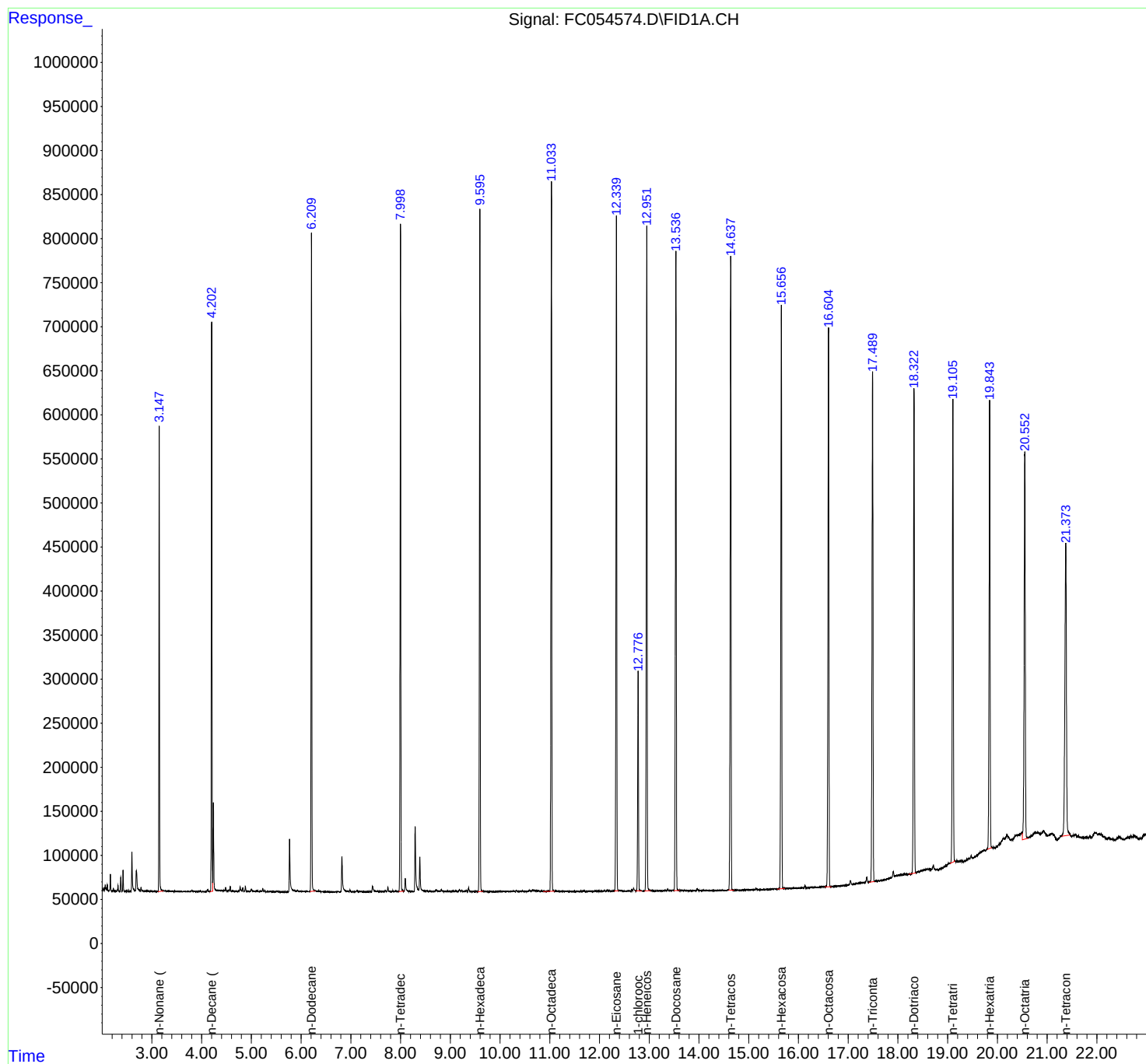
Instrument :
FID_C
ClientSampleId :
4MS

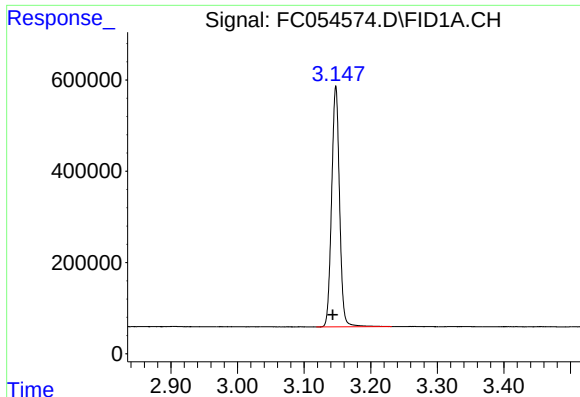
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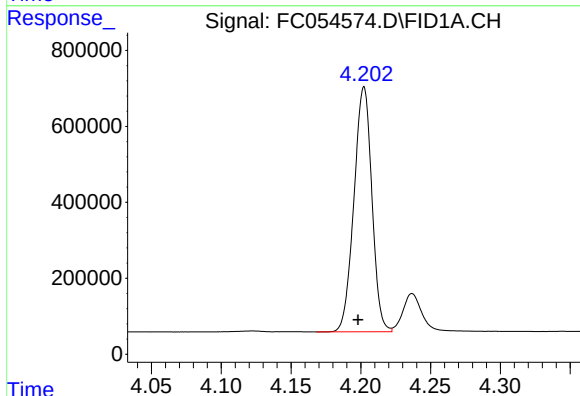
#1 n-Nonane (C9)

R.T.: 3.148 min
Delta R.T.: 0.005 min
Response: 4352782
Conc: 37.02 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

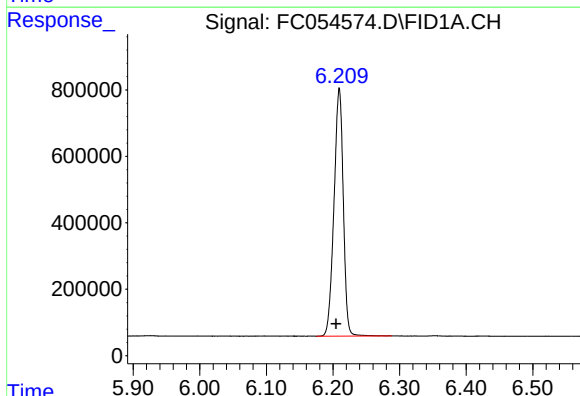
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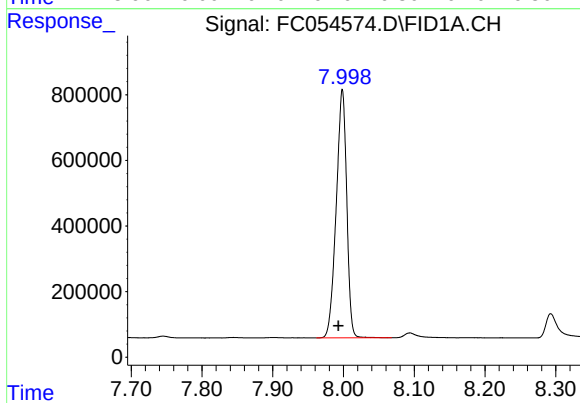
#2 n-Decane (C10)

R.T.: 4.202 min
Delta R.T.: 0.004 min
Response: 5770123
Conc: 48.59 ug/ml



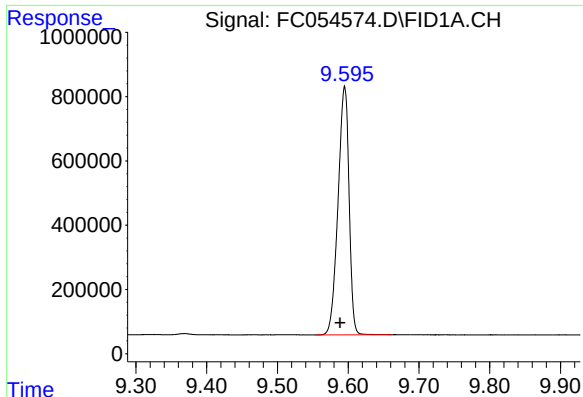
#4 n-Dodecane (C12)

R.T.: 6.209 min
Delta R.T.: 0.005 min
Response: 7230188
Conc: 60.32 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.998 min
Delta R.T.: 0.005 min
Response: 7804156
Conc: 64.05 ug/ml



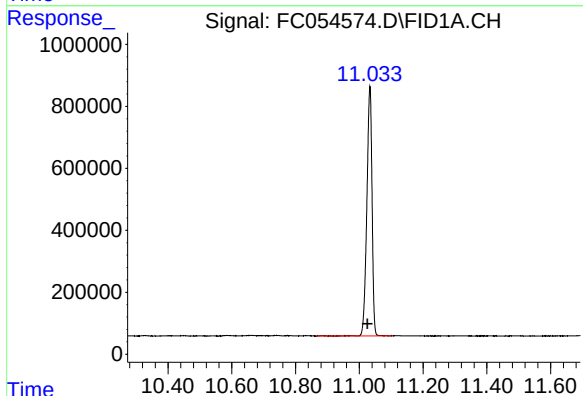
#7 n-Hexadecane (C16)

R.T.: 9.595 min
Delta R.T.: 0.006 min
Response: 8363896
Conc: 67.15 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

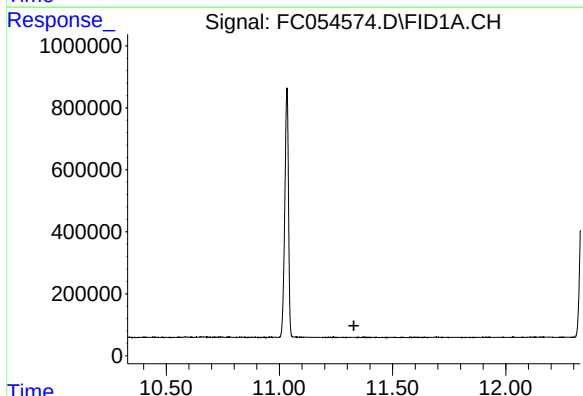
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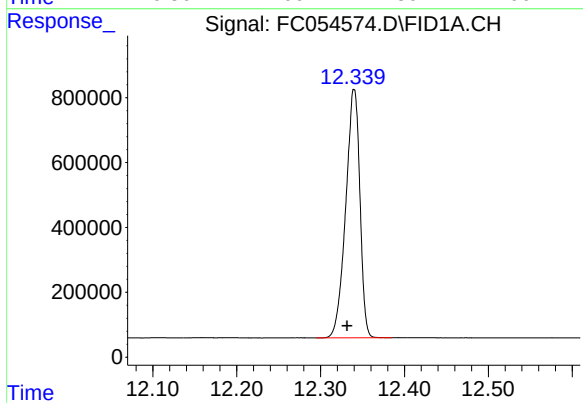
#8 n-Octadecane (C18)

R.T.: 11.033 min
Delta R.T.: 0.007 min
Response: 9114204
Conc: 70.57 ug/ml



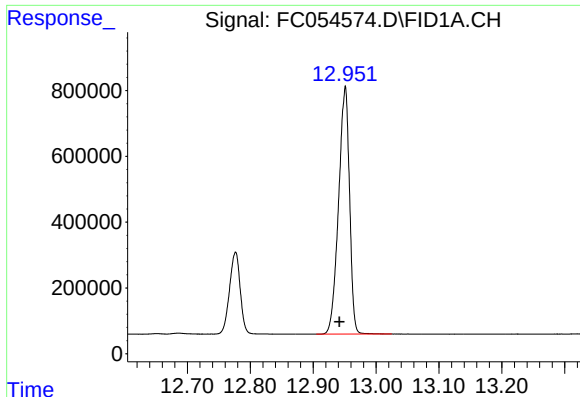
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.329 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.340 min
Delta R.T.: 0.008 min
Response: 8984968
Conc: 69.05 ug/ml



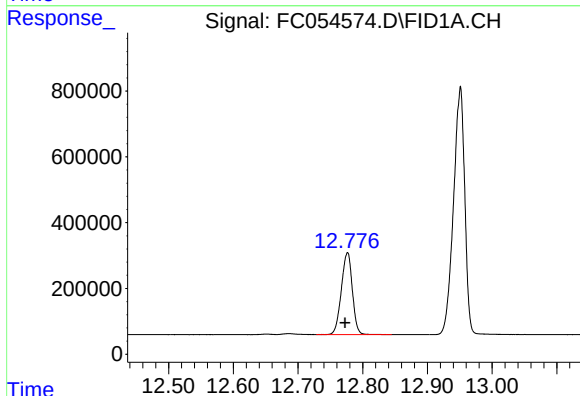
#11 n-Heneicosane (C21)

R.T.: 12.950 min
Delta R.T.: 0.009 min
Response: 9093553
Conc: 68.49 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

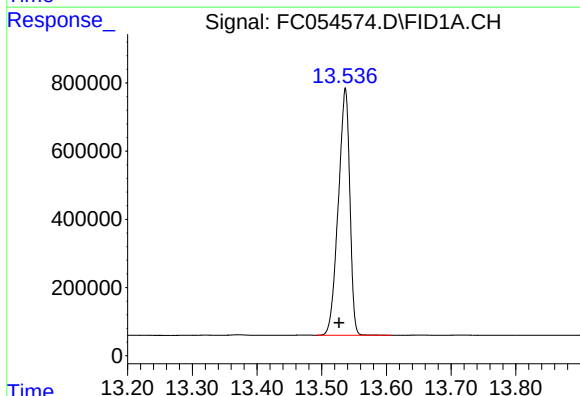
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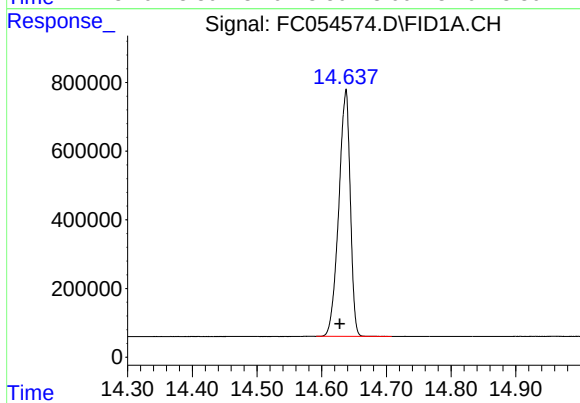
#12 1-chlorooctadecane (SURR)

R.T.: 12.776 min
Delta R.T.: 0.004 min
Response: 2943140
Conc: 26.40 ug/ml



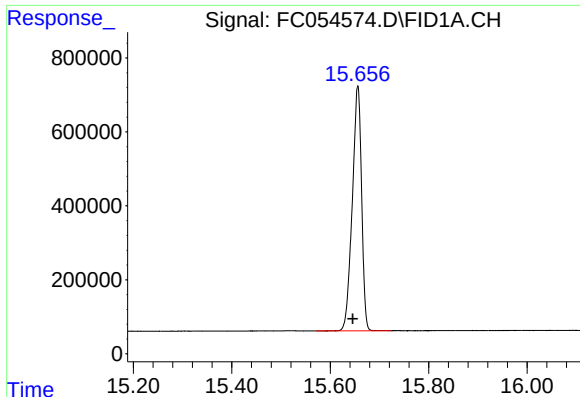
#13 n-Docosane (C22)

R.T.: 13.536 min
Delta R.T.: 0.009 min
Response: 8948555
Conc: 67.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.637 min
Delta R.T.: 0.009 min
Response: 8856358
Conc: 65.42 ug/ml



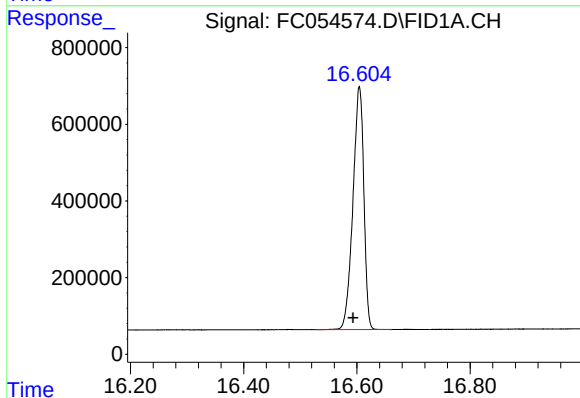
#15 n-Hexacosane (C26)

R.T.: 15.656 min
Delta R.T.: 0.010 min
Response: 8687564
Conc: 64.11 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

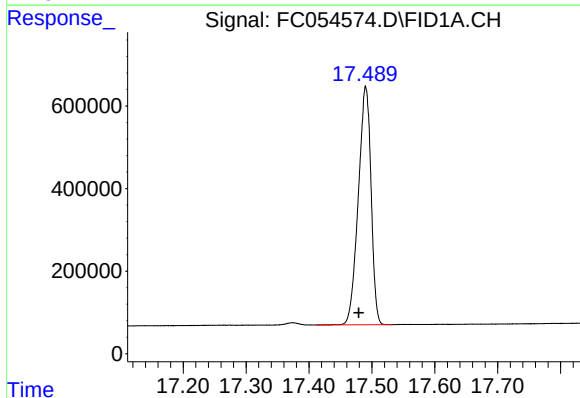
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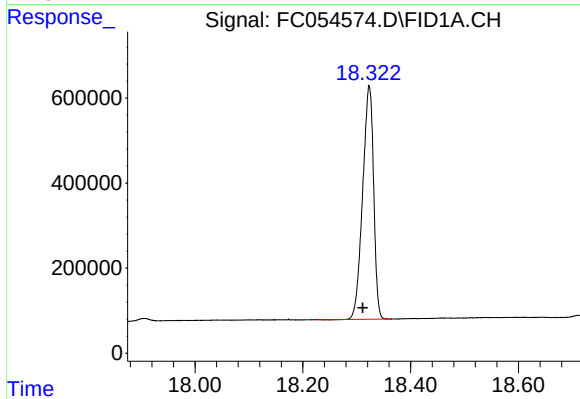
#16 n-Octacosane (C28)

R.T.: 16.604 min
Delta R.T.: 0.011 min
Response: 8478173
Conc: 61.77 ug/ml



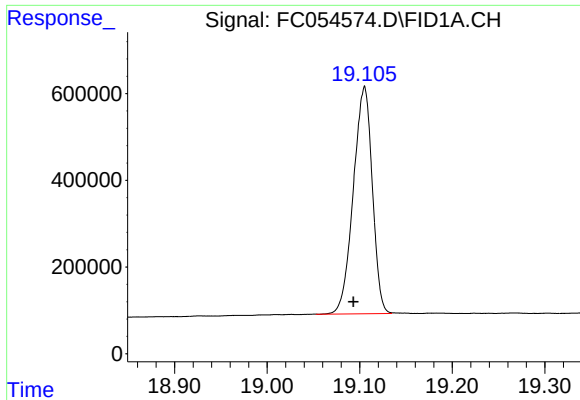
#17 n-Tricontane (C30)

R.T.: 17.490 min
Delta R.T.: 0.011 min
Response: 8115323
Conc: 58.59 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: 0.012 min
Response: 7748292
Conc: 56.63 ug/ml



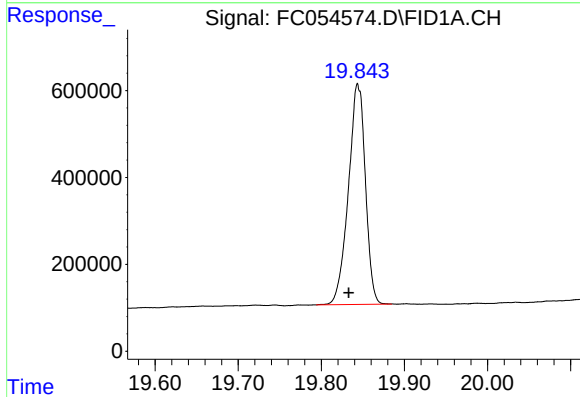
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min
Delta R.T.: 0.012 min
Response: 7456857
Conc: 55.19 ug/ml m

Instrument :
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ClientSampleId :
4MS

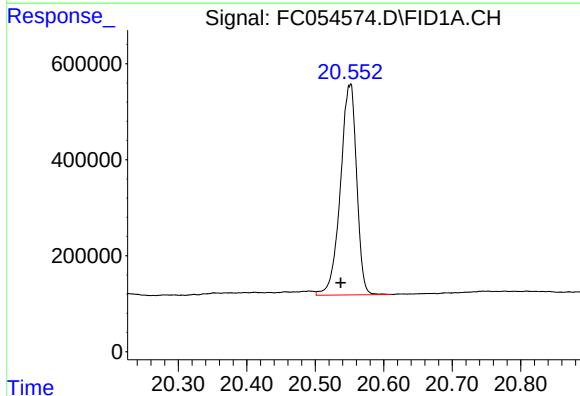
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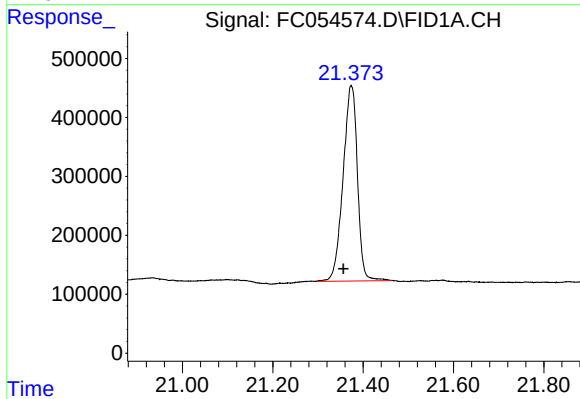
#20 n-Hexatriacontane (C36)

R.T.: 19.843 min
Delta R.T.: 0.010 min
Response: 7205895
Conc: 58.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: 0.013 min
Response: 7237953
Conc: 63.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.373 min
Delta R.T.: 0.017 min
Response: 7333697
Conc: 64.88 ug/ml m