

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070721AL\
 Data File : FC054575.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jul 2021 1:30
 Operator : DD\AJ
 Sample : M2933-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 4MSD

Manual Integrations
 APPROVED

mohammad
 7/9/2021 11:40:45 AM

Integration File: sample.E
 Quant Time: Jul 08 02:42:26 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	3098614	27.796 ug/ml
Spiked Amount 50.000		Recovery =	55.59%
Target Compounds			
1) T n-Nonane (C9)	3.147	4001895	34.031 ug/ml
2) T n-Decane (C10)	4.202	5269666	44.379 ug/ml
4) T n-Dodecane (C12)	6.209	6772782	56.508 ug/ml
6) T n-Tetradecane (C14)	7.998	7416248	60.870 ug/ml
7) T n-Hexadecane (C16)	9.593	7783103	62.484 ug/ml
8) T n-Octadecane (C18)	11.031	8214382	63.599 ug/ml
10) T n-Eicosane (C20)	12.338	8041405	61.800 ug/ml
11) T n-Heneicosane (C21)	12.949	8116459	61.132 ug/ml
13) T n-Docosane (C22)	13.534	7978897	60.227 ug/ml
14) T n-Tetracosane (C24)	14.635	7899211	58.353 ug/ml
15) T n-Hexacosane (C26)	15.654	7741587	57.131 ug/ml
16) T n-Octacosane (C28)	16.603	7579263	55.220 ug/ml
17) T n-Tricontane (C30)	17.487	7251486	52.355 ug/ml
18) T n-Dotriacontane (C32)	18.320	6880450	50.291 ug/ml
19) T n-Tetratriacontane (C34)	19.100	6619631	48.992 ug/mlm
20) T n-Hexatriacontane (C36)	19.840	6289272	50.950 ug/ml
21) T n-Octatriacontane (C38)	20.546	6196756	54.782 ug/mlm
22) T n-Tetracontane (C40)	21.370	6755906	59.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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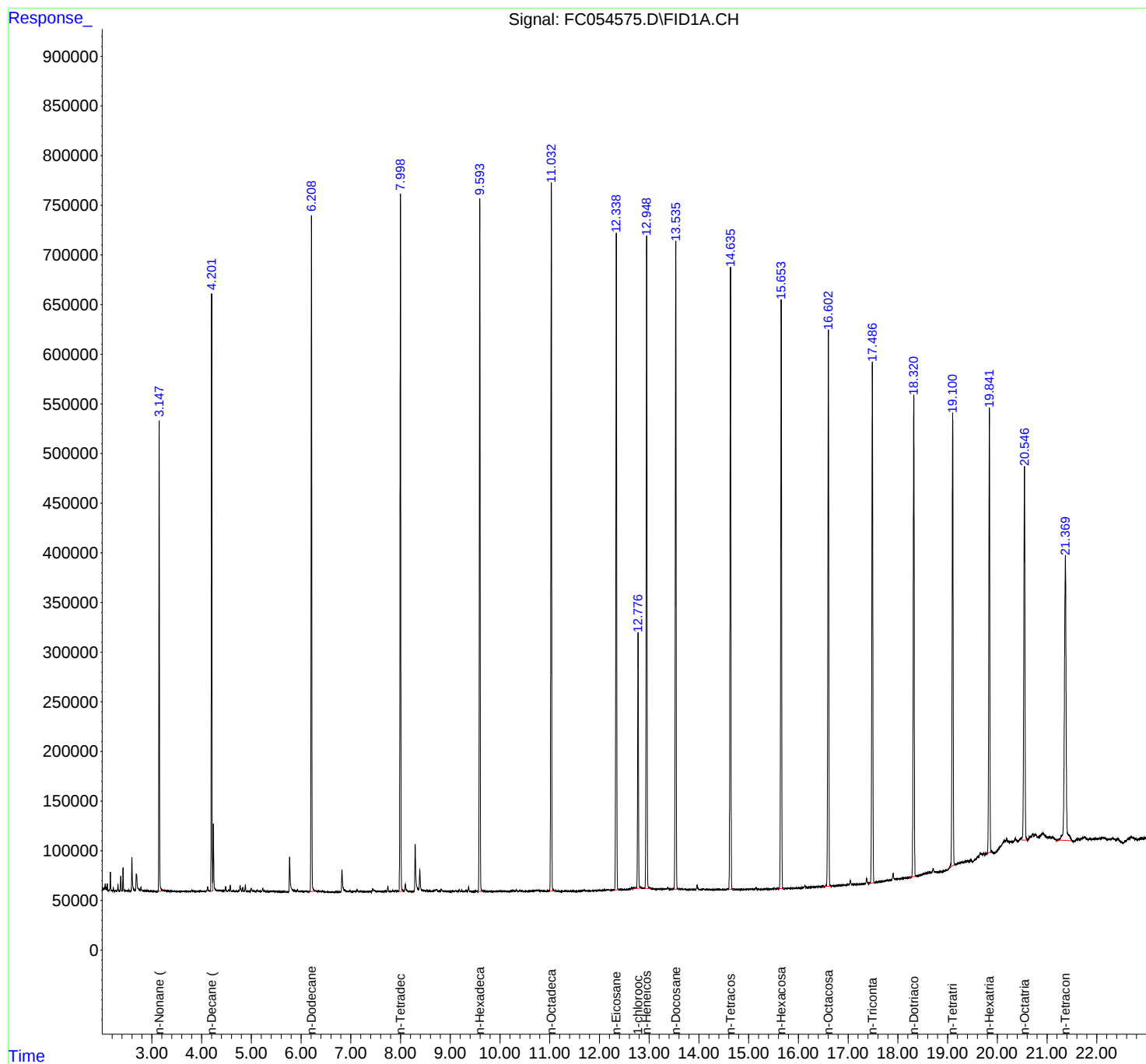
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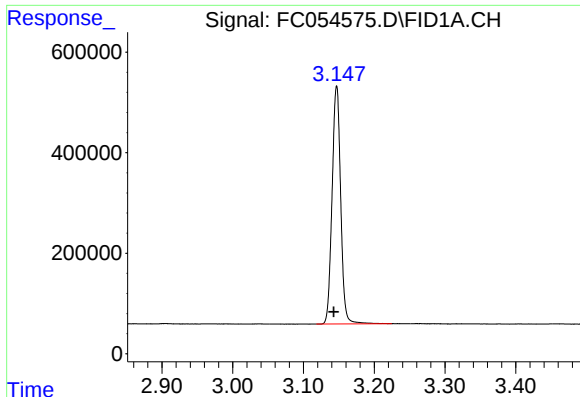
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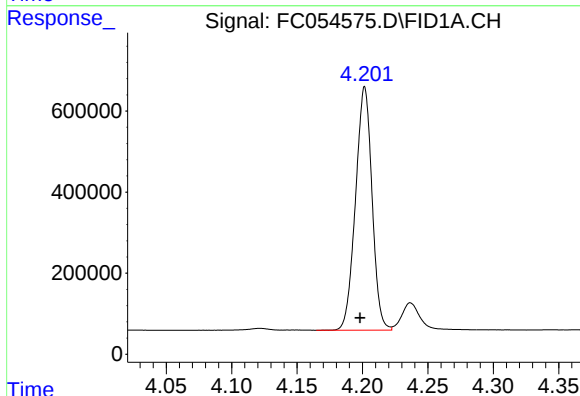
#1 n-Nonane (C9)

R.T.: 3.147 min
Delta R.T.: 0.004 min
Response: 4001895
Conc: 34.03 ug/ml

Instrument :
FID_C
ClientSampleId :
4MSD

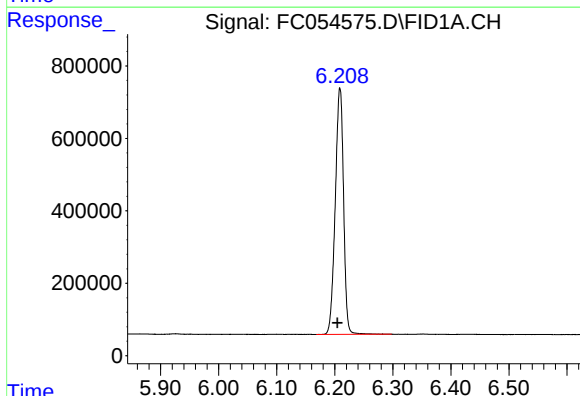
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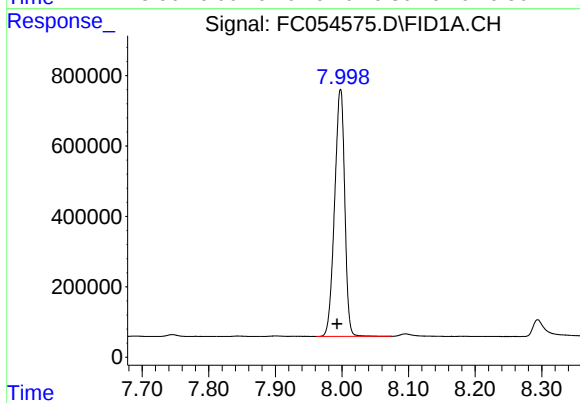
#2 n-Decane (C10)

R.T.: 4.202 min
Delta R.T.: 0.003 min
Response: 5269666
Conc: 44.38 ug/ml



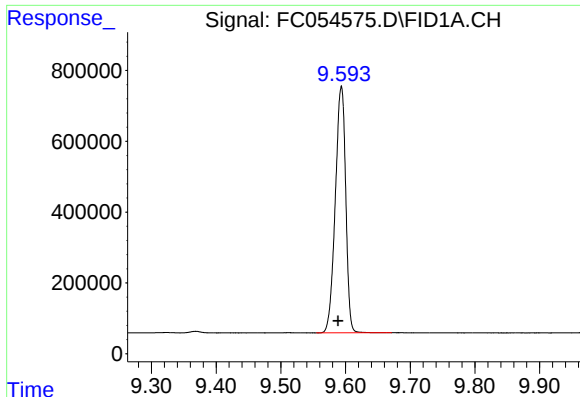
#4 n-Dodecane (C12)

R.T.: 6.209 min
Delta R.T.: 0.004 min
Response: 6772782
Conc: 56.51 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.998 min
Delta R.T.: 0.004 min
Response: 7416248
Conc: 60.87 ug/ml



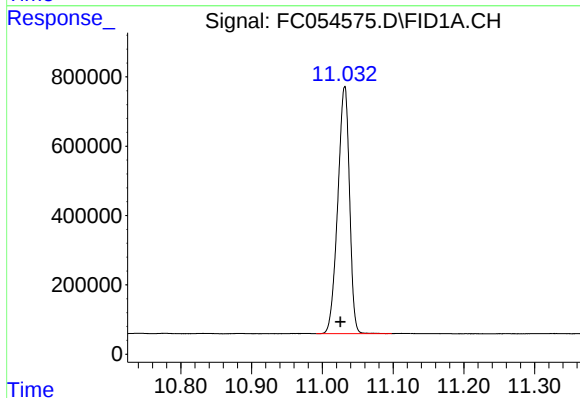
#7 n-Hexadecane (C16)

R.T.: 9.593 min
Delta R.T.: 0.005 min
Response: 7783103
Conc: 62.48 ug/ml

Instrument :
FID_C
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4MSD

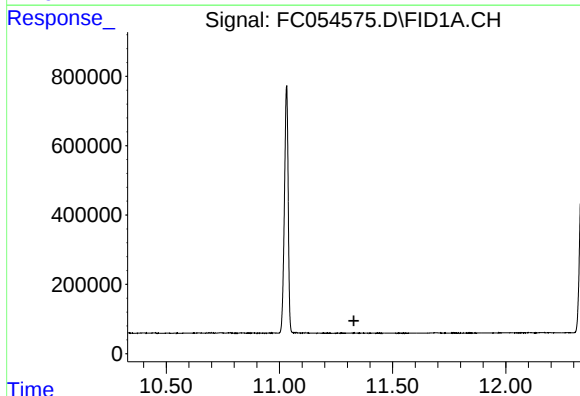
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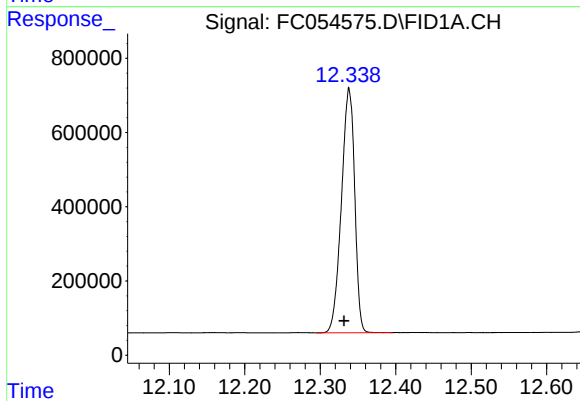
#8 n-Octadecane (C18)

R.T.: 11.031 min
Delta R.T.: 0.006 min
Response: 8214382
Conc: 63.60 ug/ml



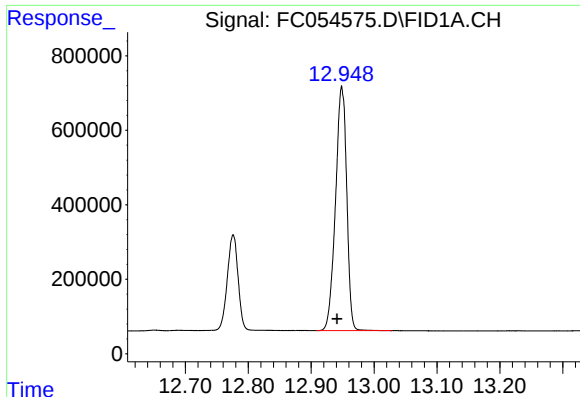
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.338 min
Delta R.T.: 0.006 min
Response: 8041405
Conc: 61.80 ug/ml



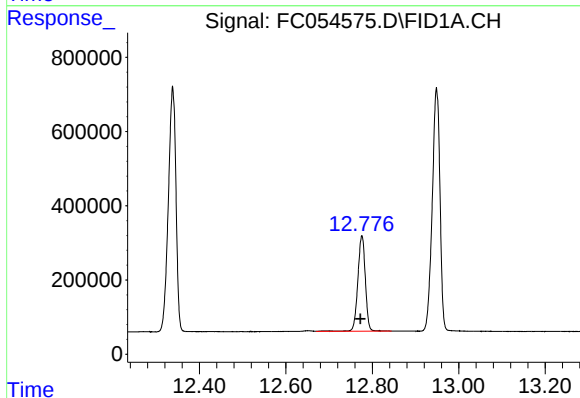
#11 n-Heneicosane (C21)

R.T.: 12.949 min
Delta R.T.: 0.007 min
Response: 8116459
Conc: 61.13 ug/ml

Instrument :
FID_C
ClientSampleId :
4MSD

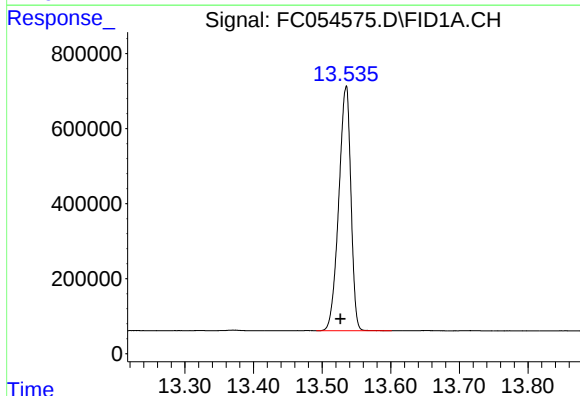
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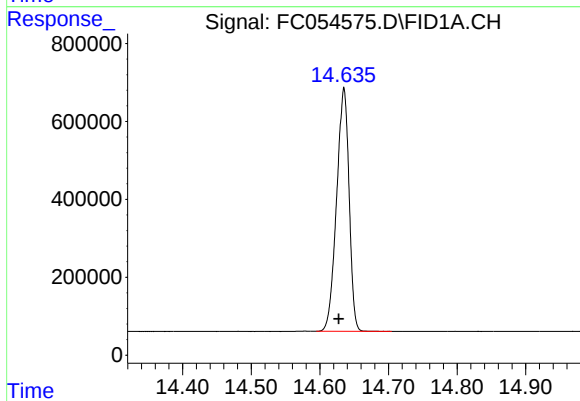
#12 1-chlorooctadecane (SURR)

R.T.: 12.776 min
Delta R.T.: 0.003 min
Response: 3098614
Conc: 27.80 ug/ml



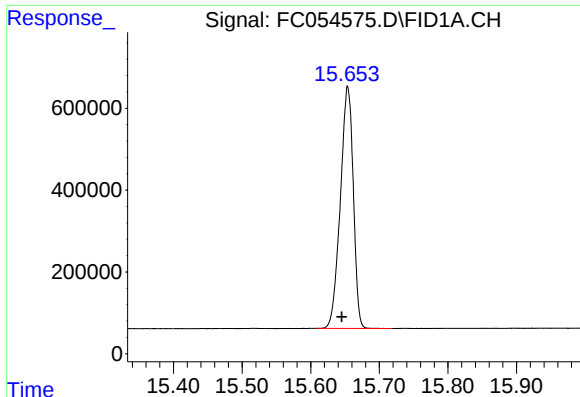
#13 n-Docosane (C22)

R.T.: 13.534 min
Delta R.T.: 0.008 min
Response: 7978897
Conc: 60.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.635 min
Delta R.T.: 0.007 min
Response: 7899211
Conc: 58.35 ug/ml



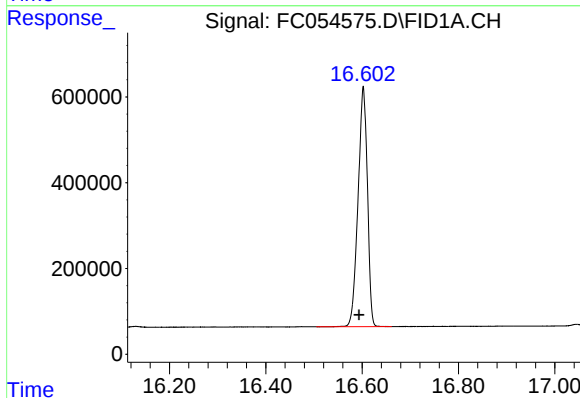
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: 0.009 min
Response: 7741587
Conc: 57.13 ug/ml

Instrument :
FID_C
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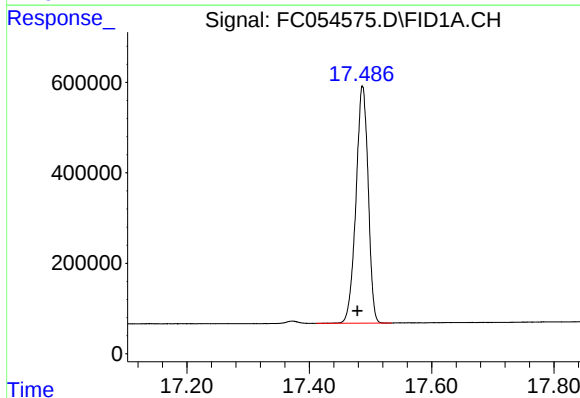
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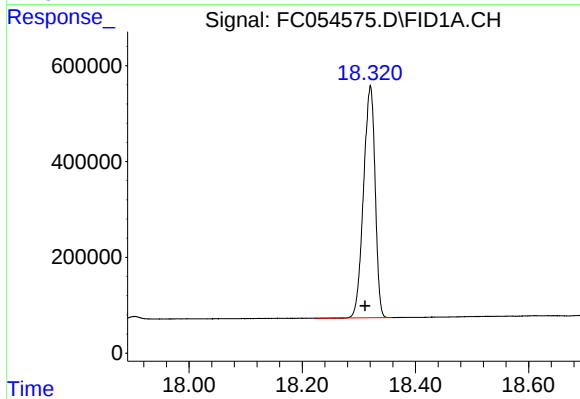
#16 n-Octacosane (C28)

R.T.: 16.603 min
Delta R.T.: 0.009 min
Response: 7579263
Conc: 55.22 ug/ml



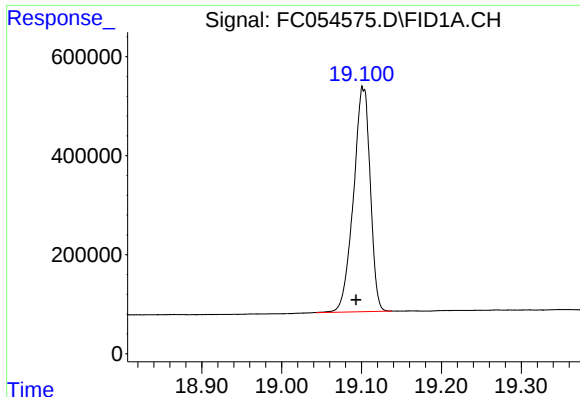
#17 n-Tricontane (C30)

R.T.: 17.487 min
Delta R.T.: 0.008 min
Response: 7251486
Conc: 52.36 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.320 min
Delta R.T.: 0.009 min
Response: 6880450
Conc: 50.29 ug/ml



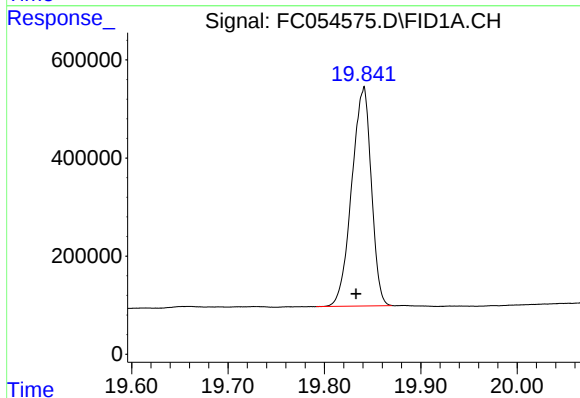
#19 n-Tetratriacontane (C34)

R.T.: 19.100 min
Delta R.T.: 0.007 min
Response: 6619631
Conc: 48.99 ug/ml m

Instrument :
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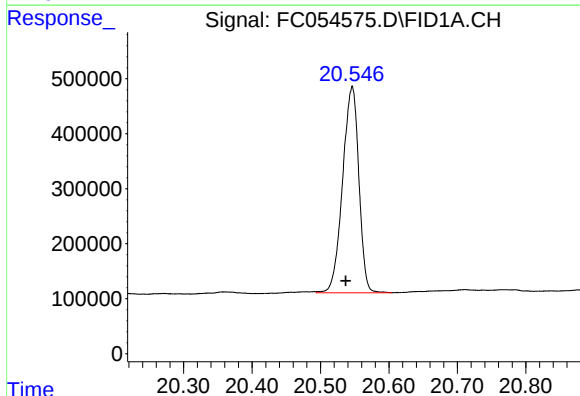
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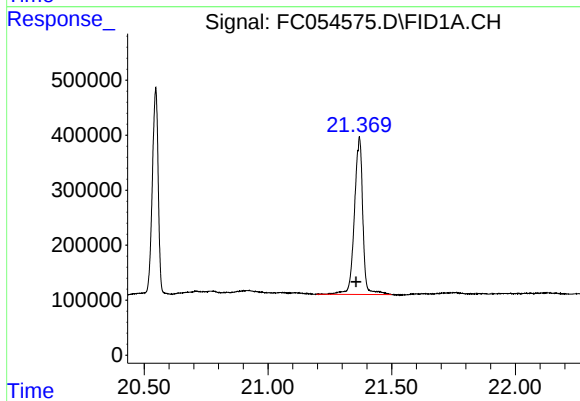
#20 n-Hexatriacontane (C36)

R.T.: 19.840 min
Delta R.T.: 0.007 min
Response: 6289272
Conc: 50.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.546 min
Delta R.T.: 0.009 min
Response: 6196756
Conc: 54.78 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.370 min
Delta R.T.: 0.013 min
Response: 6755906
Conc: 59.77 ug/ml