

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081721AL\
 Data File : FC055236.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2021 18:37
 Operator : AJ\MA
 Sample : M3431-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 4MS

Manual Integrations
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Integration File: sample.E
 Quant Time: Aug 18 05:41:47 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			
12) S 1-chlorooctadecane (S...	12.745	3049187	30.767 ug/ml
Spiked Amount 50.000		Recovery =	61.53%
Target Compounds			
1) T n-Nonane (C9)	3.143	2679322	25.623 ug/ml
2) T n-Decane (C10)	4.192	3291050	31.252 ug/ml
4) T n-Dodecane (C12)	6.192	4236897	39.017 ug/ml
6) T n-Tetradecane (C14)	7.976	4911715	43.997 ug/ml
7) T n-Hexadecane (C16)	9.568	5311916	46.574 ug/ml
8) T n-Octadecane (C18)	11.003	5605108	47.532 ug/ml
10) T n-Eicosane (C20)	12.306	5363660	45.686 ug/ml
11) T n-Heneicosane (C21)	12.916	5307084	44.946 ug/ml
13) T n-Docosane (C22)	13.499	5175792	44.315 ug/ml
14) T n-Tetracosane (C24)	14.597	4948381	42.751 ug/ml
15) T n-Hexacosane (C26)	15.614	4766287	42.529 ug/ml
16) T n-Octacosane (C28)	16.560	4583843	42.219 ug/ml
17) T n-Tricontane (C30)	17.445	4457894	42.696 ug/ml
18) T n-Dotriacontane (C32)	18.275	4258729	43.003 ug/ml
19) T n-Tetratriacontane (C34)	19.056	4018362	42.397 ug/ml
20) T n-Hexatriacontane (C36)	19.793	3808590	42.147 ug/mlm
21) T n-Octatriacontane (C38)	20.496	3548862	41.073 ug/ml
22) T n-Tetracontane (C40)	21.299	3764189	42.268 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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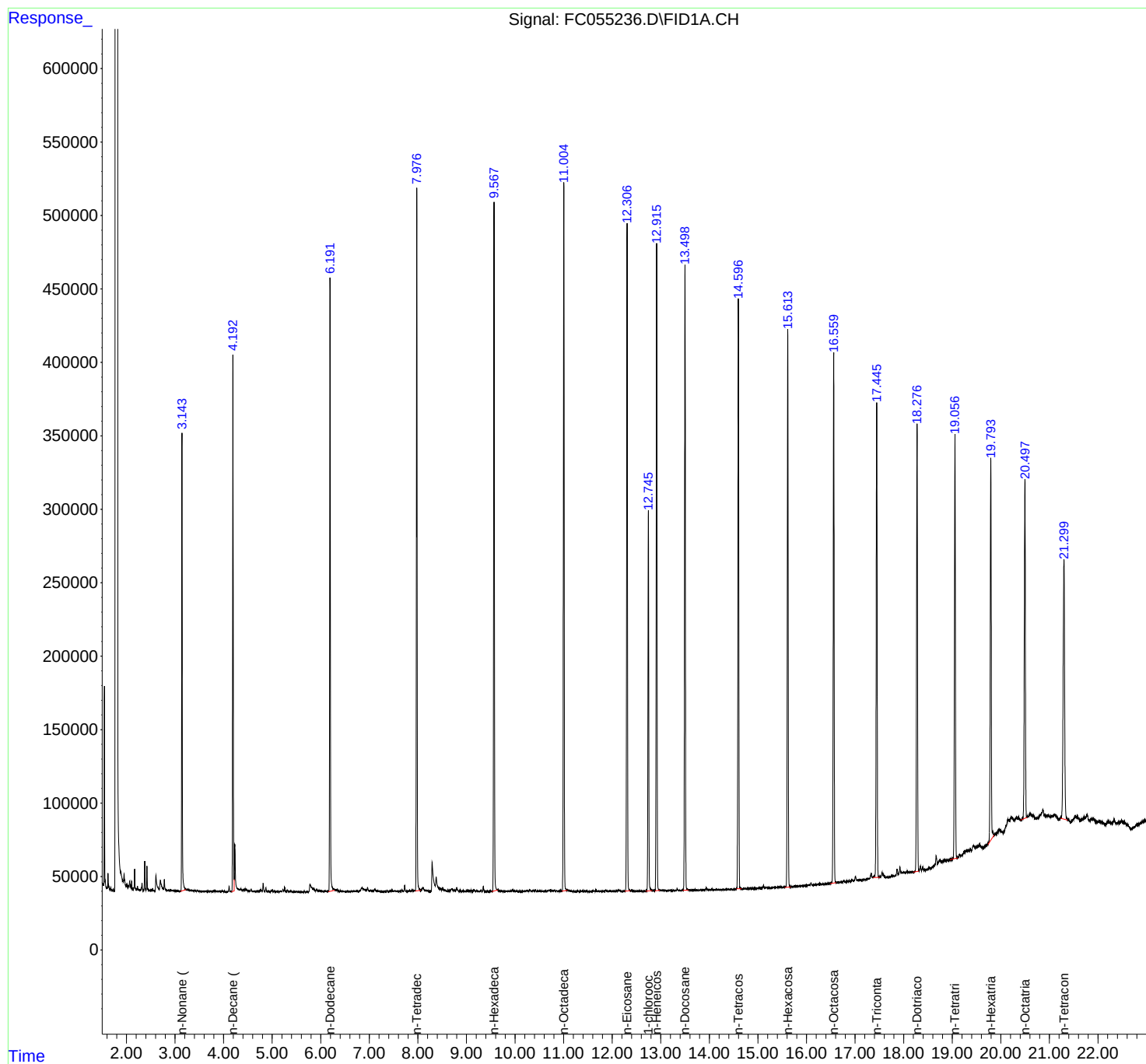
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4MS

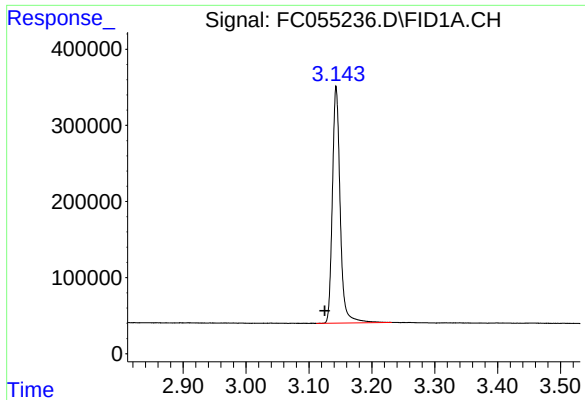
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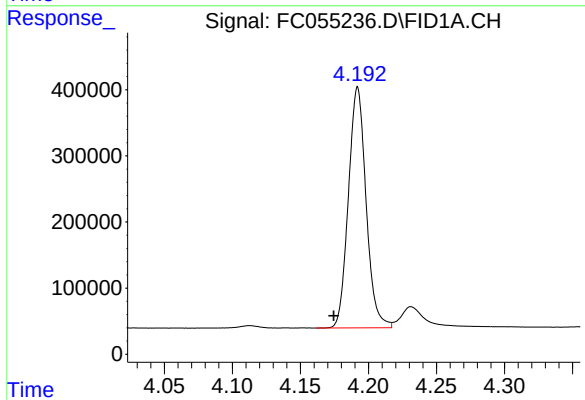
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.018 min
Response: 2679322
Conc: 25.62 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

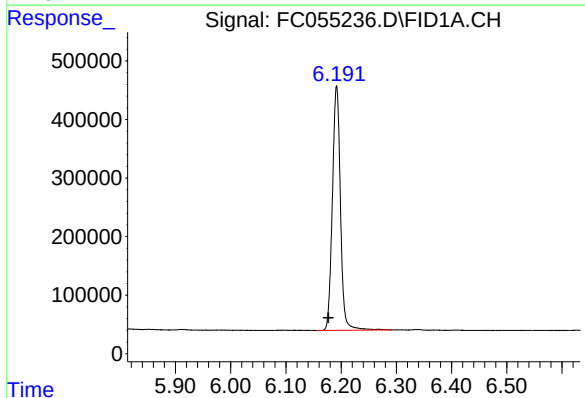
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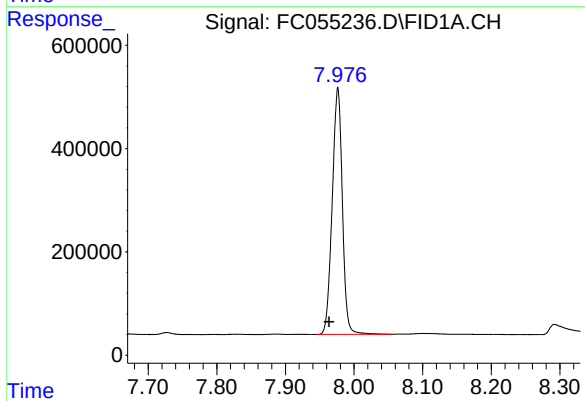
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.017 min
Response: 3291050
Conc: 31.25 ug/ml



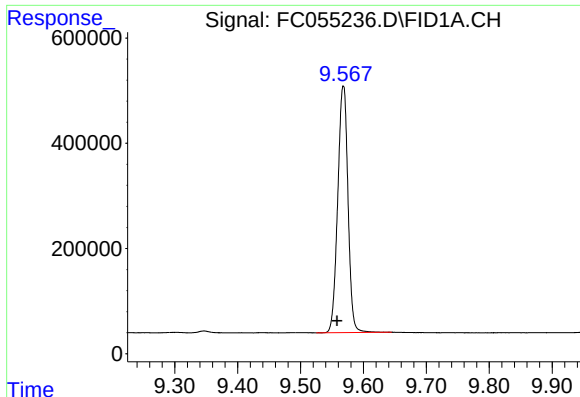
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 4236897
Conc: 39.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.013 min
Response: 4911715
Conc: 44.00 ug/ml



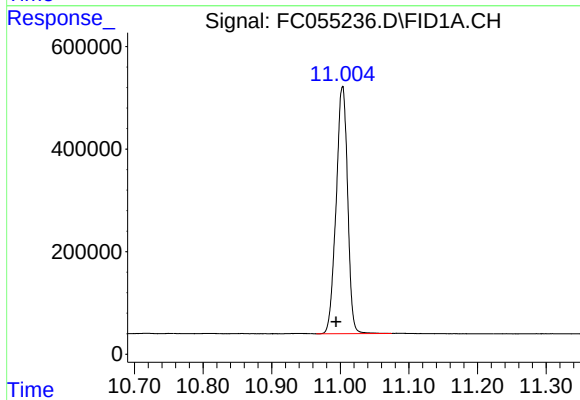
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 5311916
Conc: 46.57 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

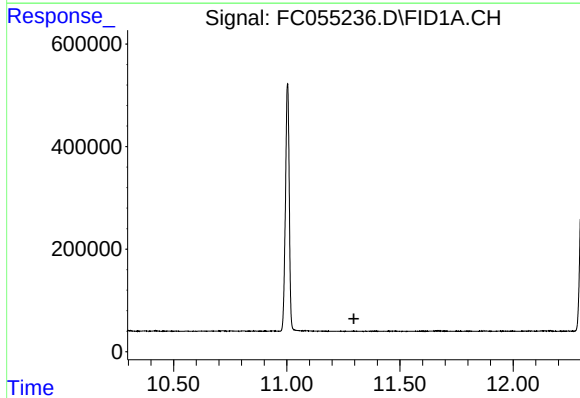
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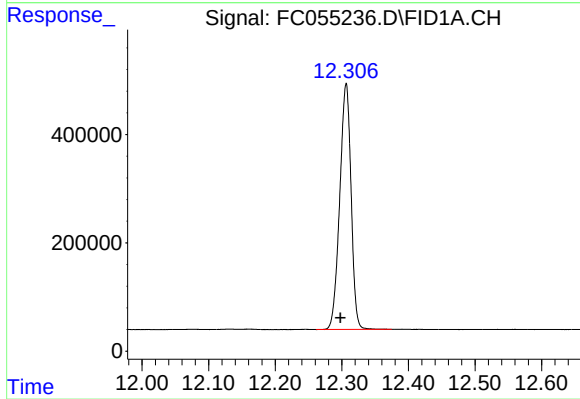
#8 n-Octadecane (C18)

R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 5605108
Conc: 47.53 ug/ml



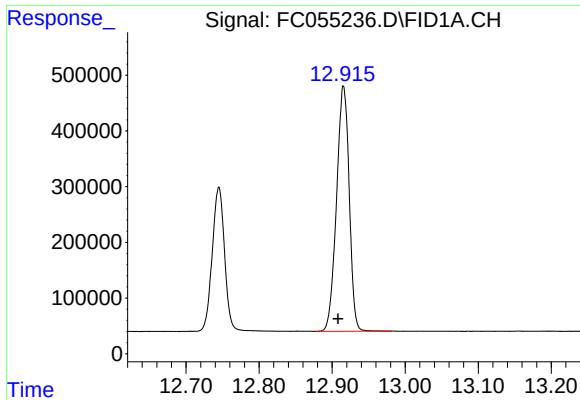
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.296 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.009 min
Response: 5363660
Conc: 45.69 ug/ml



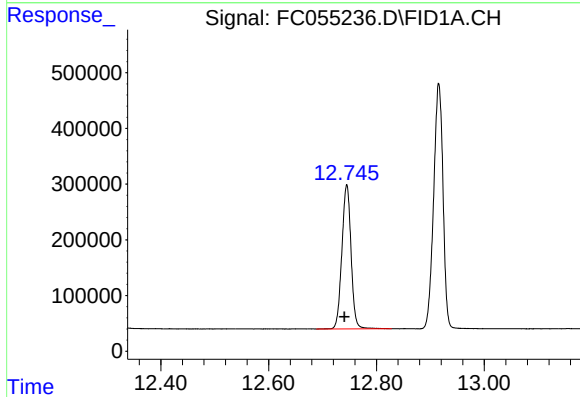
#11 n-Heneicosane (C21)

R.T.: 12.916 min
Delta R.T.: 0.008 min
Response: 5307084
Conc: 44.95 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

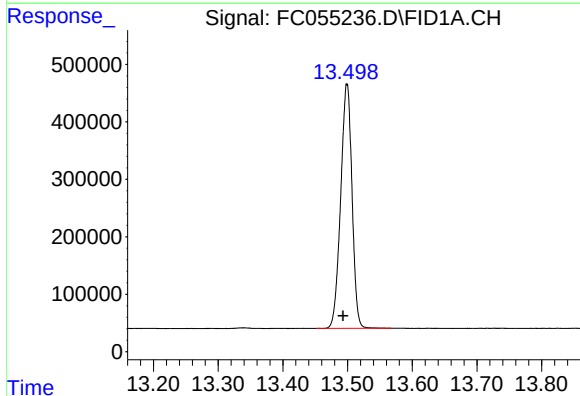
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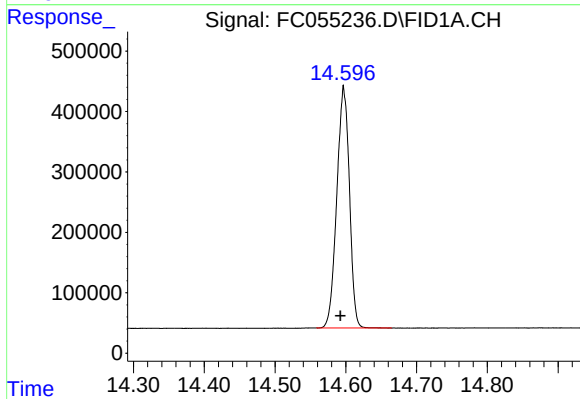
#12 1-chlorooctadecane (SURR)

R.T.: 12.745 min
Delta R.T.: 0.004 min
Response: 3049187
Conc: 30.77 ug/ml



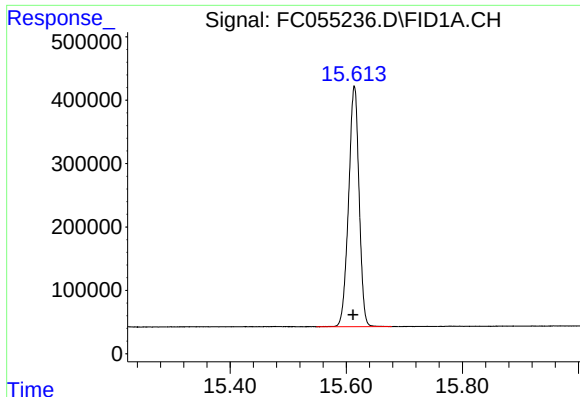
#13 n-Docosane (C22)

R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 5175792
Conc: 44.31 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.597 min
Delta R.T.: 0.005 min
Response: 4948381
Conc: 42.75 ug/ml



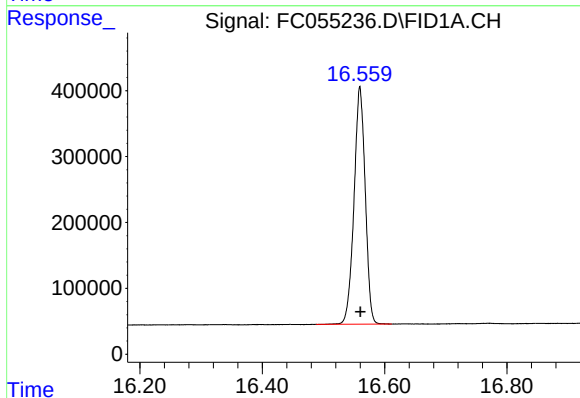
#15 n-Hexacosane (C26)

R.T.: 15.614 min
Delta R.T.: 0.002 min
Response: 4766287
Conc: 42.53 ug/ml

Instrument :
FID_C
ClientSampleId :
4MS

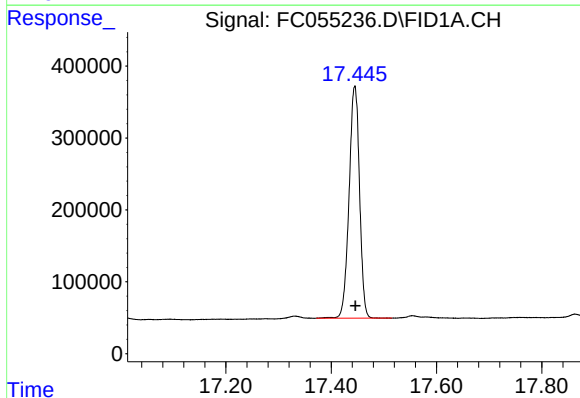
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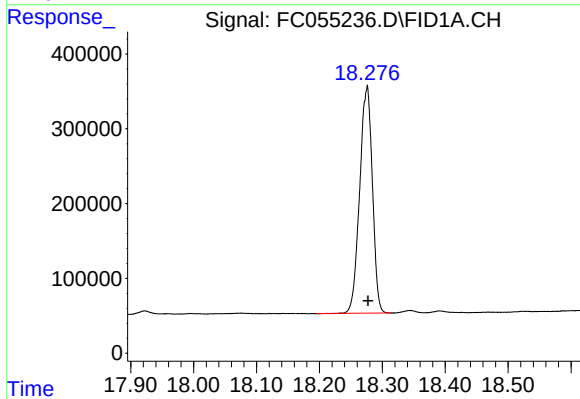
#16 n-Octacosane (C28)

R.T.: 16.560 min
Delta R.T.: 0.000 min
Response: 4583843
Conc: 42.22 ug/ml



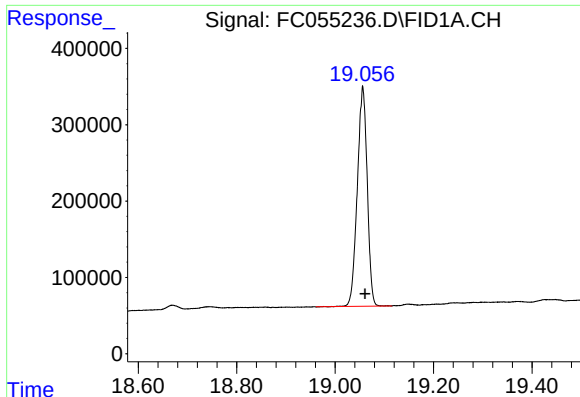
#17 n-Tricontane (C30)

R.T.: 17.445 min
Delta R.T.: -0.001 min
Response: 4457894
Conc: 42.70 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.275 min
Delta R.T.: -0.002 min
Response: 4258729
Conc: 43.00 ug/ml



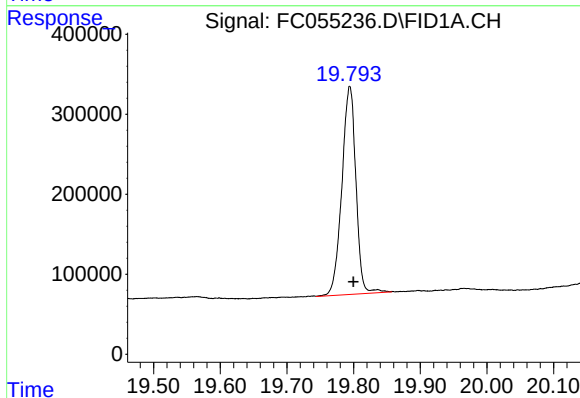
#19 n-Tetratriacontane (C34)

R.T.: 19.056 min
Delta R.T.: -0.005 min
Response: 4018362
Conc: 42.40 ug/ml

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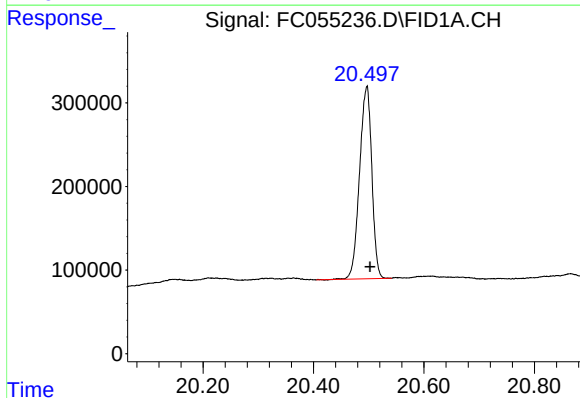
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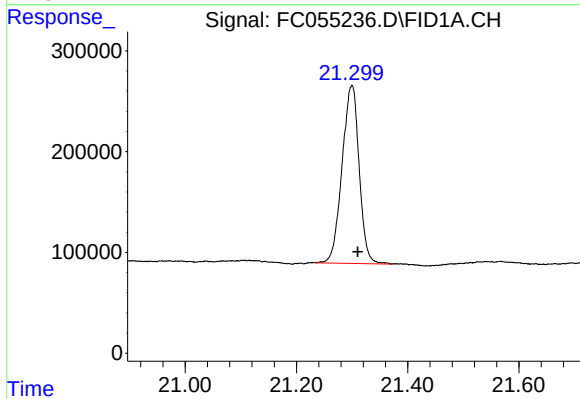
#20 n-Hexatriacontane (C36)

R.T.: 19.793 min
Delta R.T.: -0.006 min
Response: 3808590
Conc: 42.15 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.496 min
Delta R.T.: -0.007 min
Response: 3548862
Conc: 41.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.299 min
Delta R.T.: -0.011 min
Response: 3764189
Conc: 42.27 ug/ml m