

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081621AL\
 Data File : FC055218.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2021 3:35
 Operator : AJ\MA
 Sample : M3425-05MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 21NMS

Manual Integrations
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 8/17/2021 3:46:55 PM

Integration File: autoint1.e
 Quant Time: Aug 17 05:41:59 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)	11.304	4084118	32.439 ug/ml
Spiked Amount 50.000		Recovery =	64.88%
12) S 1-chlorooctadecane (S...	12.744	3424409	34.553 ug/ml
Spiked Amount 50.000		Recovery =	69.11%
Target Compounds			
1) T n-Nonane (C9)	3.143	3290032	31.464 ug/ml
2) T n-Decane (C10)	4.192	3816027	36.237 ug/ml
3) T A~Naphthalene (C11.7)	5.754	4377975	40.291 ug/ml
4) T n-Dodecane (C12)	6.190	4336313	39.933 ug/ml
5) T A~2-methylnaphthalene...	6.804	4408387	40.392 ug/ml
6) T n-Tetradecane (C14)	7.975	4670557	41.837 ug/ml
7) T n-Hexadecane (C16)	9.566	4975434	43.624 ug/ml
8) T n-Octadecane (C18)	11.002	5271567	44.704 ug/ml
10) T n-Eicosane (C20)	12.306	5058340	43.085 ug/mlm
11) T n-Heneicosane (C21)	12.914	5014355	42.467 ug/ml
13) T n-Docosane (C22)	13.498	4911722	42.054 ug/ml
14) T n-Tetracosane (C24)	14.593	8955040	77.366 ug/ml
15) T n-Hexacosane (C26)	15.615	4474783	39.928 ug/ml
16) T n-Octacosane (C28)	16.559	4522767	41.656 ug/ml
17) T n-Tricontane (C30)	17.445	4161768	39.860 ug/mlm
18) T n-Dotriacontane (C32)	18.274	4019277	40.585 ug/ml
19) T n-Tetratriacontane (C34)	19.055	3734353	39.401 ug/ml
20) T n-Hexatriacontane (C36)	19.792	3467767	38.375 ug/ml
21) T n-Octatriacontane (C38)	20.493	3321204	38.438 ug/ml
22) T n-Tetracontane (C40)	21.297	3471294	38.979 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 24 Sample Multiplier: 1

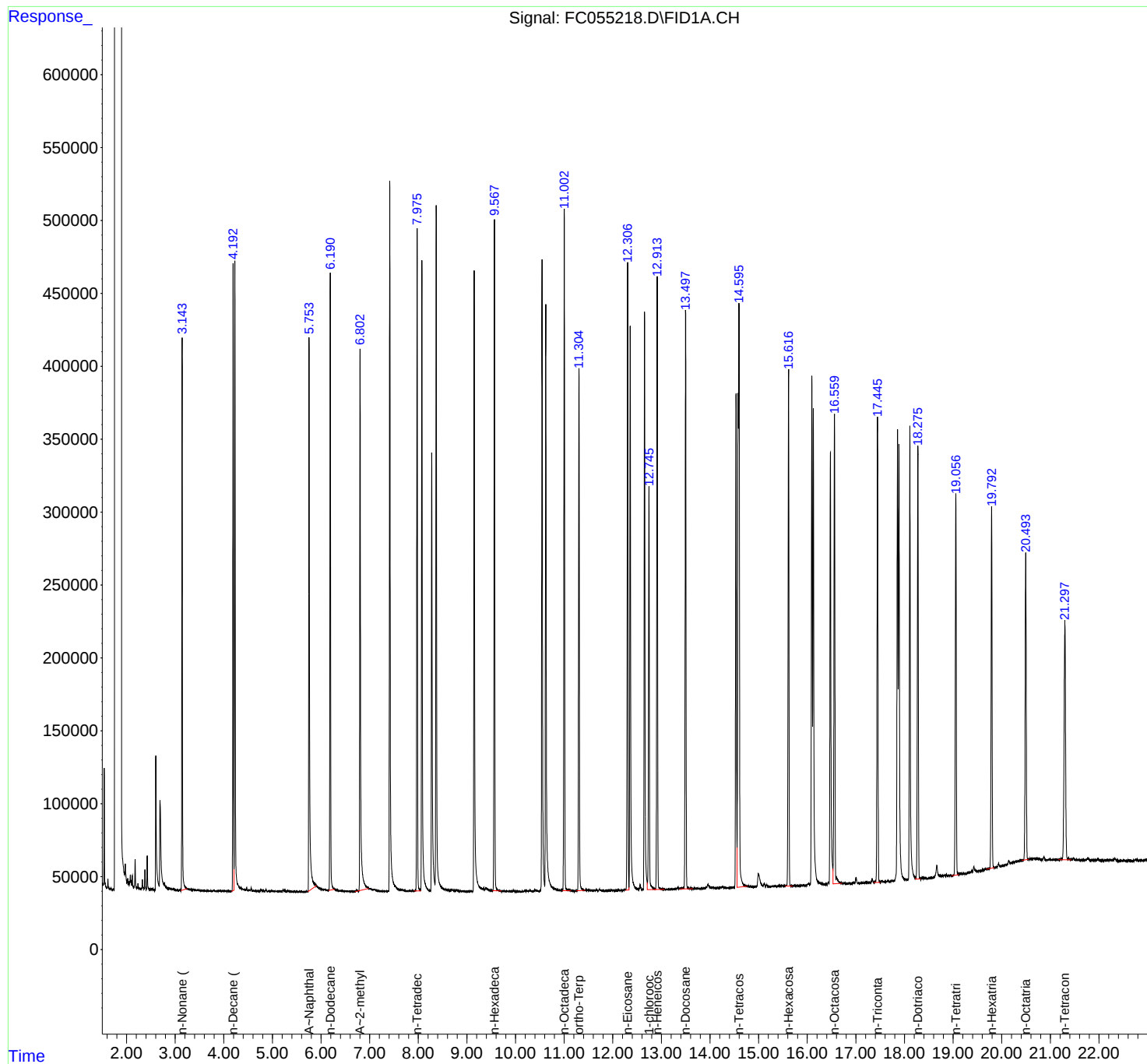
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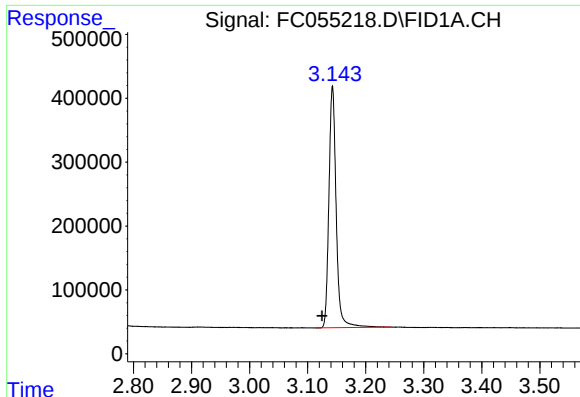
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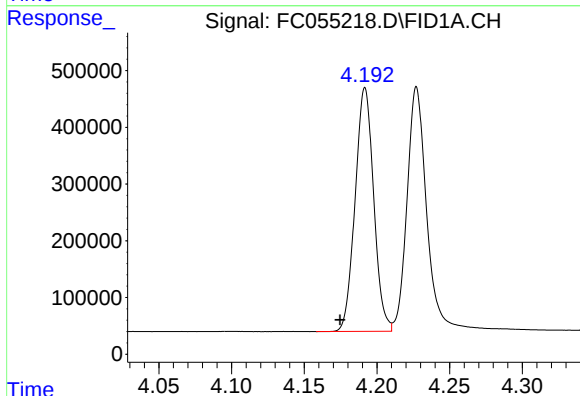
#1 n-Nonane (C9)

R.T.: 3.143 min
Delta R.T.: 0.018 min
Response: 3290032
Conc: 31.46 ug/ml

Instrument :
FID_C
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21NMS

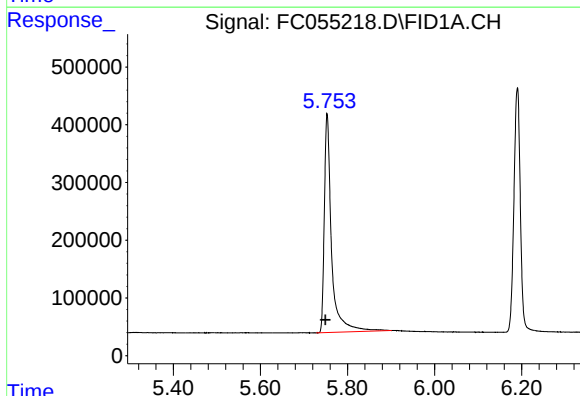
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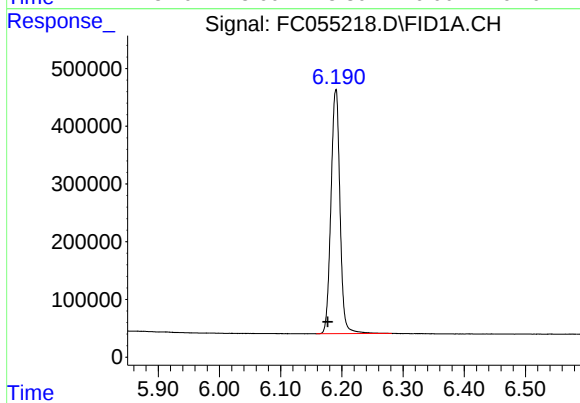
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.017 min
Response: 3816027
Conc: 36.24 ug/ml



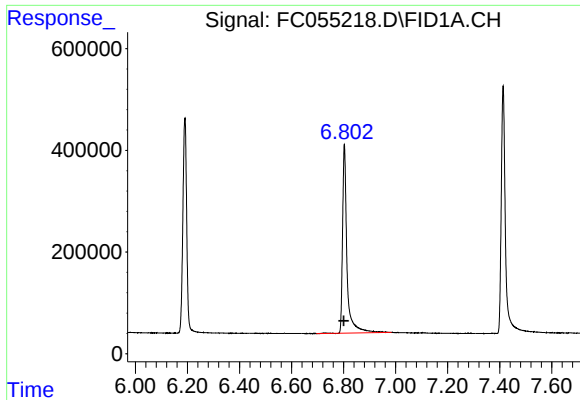
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: 0.005 min
Response: 4377975
Conc: 40.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.013 min
Response: 4336313
Conc: 39.93 ug/ml



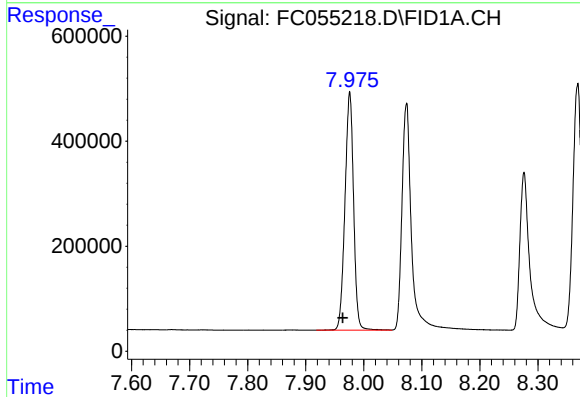
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 4408387
Conc: 40.39 ug/ml

Instrument :
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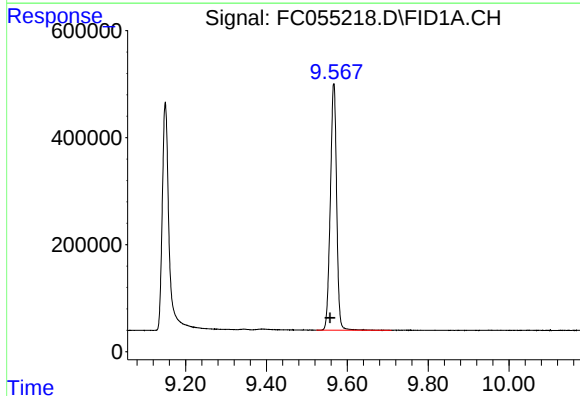
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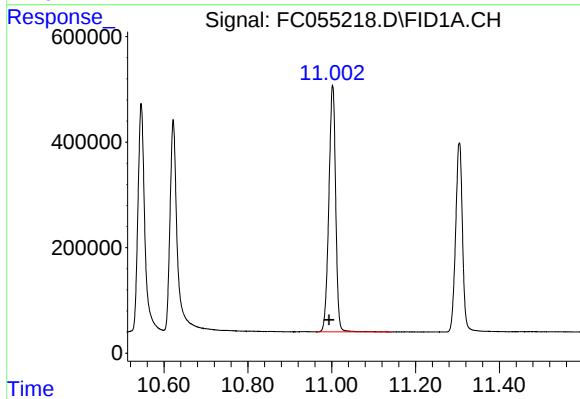
#6 n-Tetradecane (C14)

R.T.: 7.975 min
Delta R.T.: 0.012 min
Response: 4670557
Conc: 41.84 ug/ml



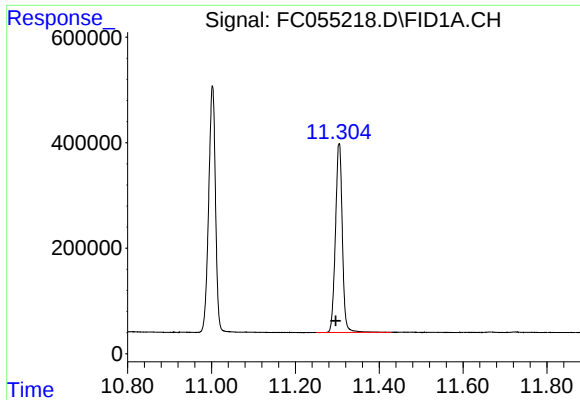
#7 n-Hexadecane (C16)

R.T.: 9.566 min
Delta R.T.: 0.008 min
Response: 4975434
Conc: 43.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.002 min
Delta R.T.: 0.008 min
Response: 5271567
Conc: 44.70 ug/ml



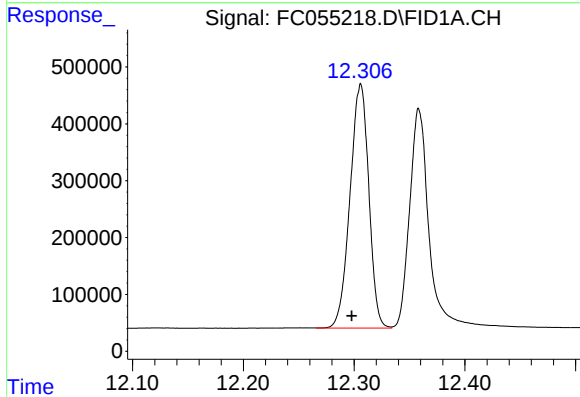
#9 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.008 min
Response: 4084118
Conc: 32.44 ug/ml

Instrument :
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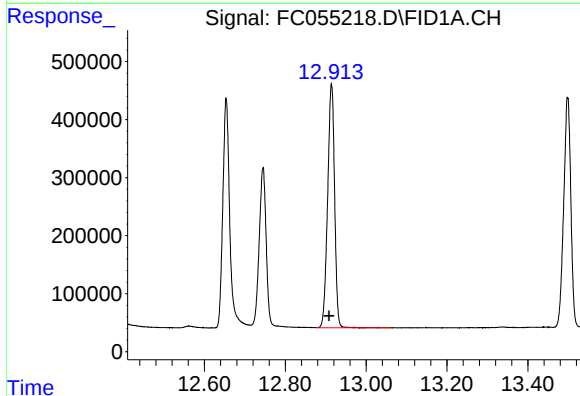
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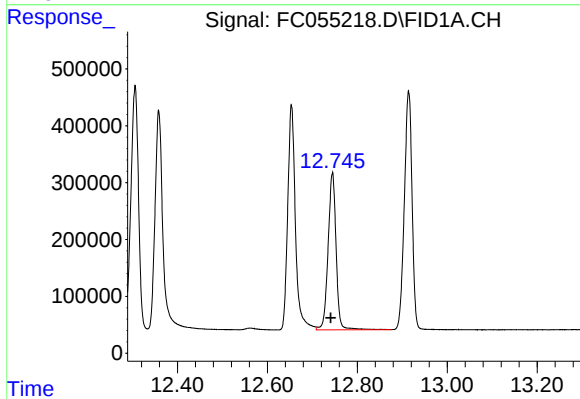
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 5058340
Conc: 43.09 ug/ml m



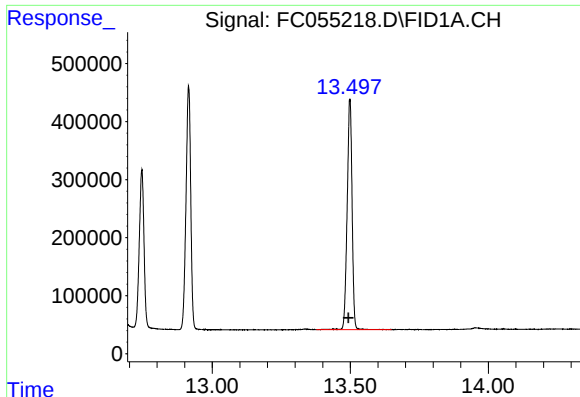
#11 n-Heneicosane (C21)

R.T.: 12.914 min
Delta R.T.: 0.006 min
Response: 5014355
Conc: 42.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.744 min
Delta R.T.: 0.003 min
Response: 3424409
Conc: 34.55 ug/ml



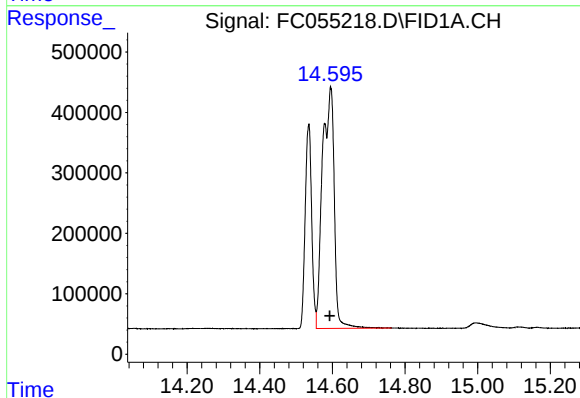
#13 n-Docosane (C22)

R.T.: 13.498 min
Delta R.T.: 0.005 min
Response: 4911722
Conc: 42.05 ug/ml

Instrument :
FID_C
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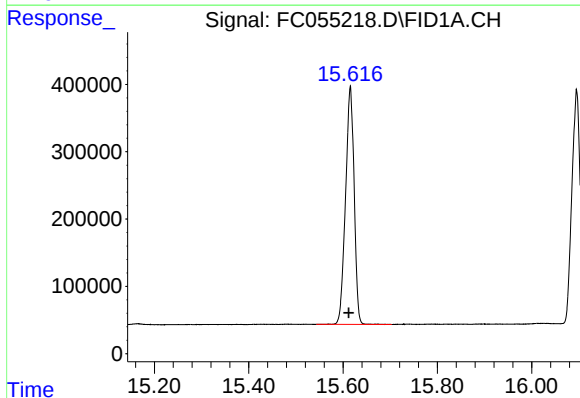
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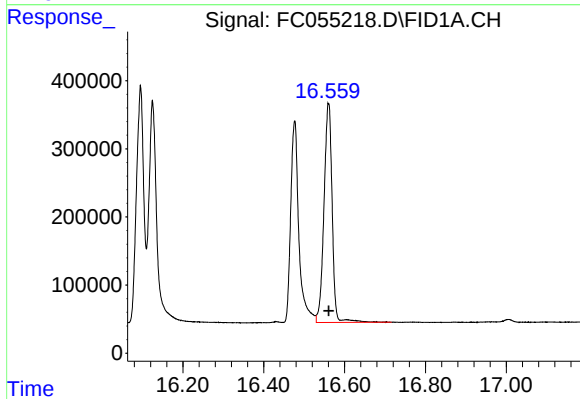
#14 n-Tetracosane (C24)

R.T.: 14.593 min
Delta R.T.: 0.000 min
Response: 8955040
Conc: 77.37 ug/ml



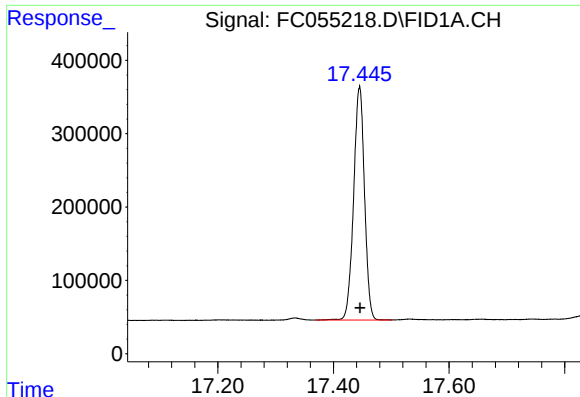
#15 n-Hexacosane (C26)

R.T.: 15.615 min
Delta R.T.: 0.003 min
Response: 4474783
Conc: 39.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.559 min
Delta R.T.: -0.001 min
Response: 4522767
Conc: 41.66 ug/ml



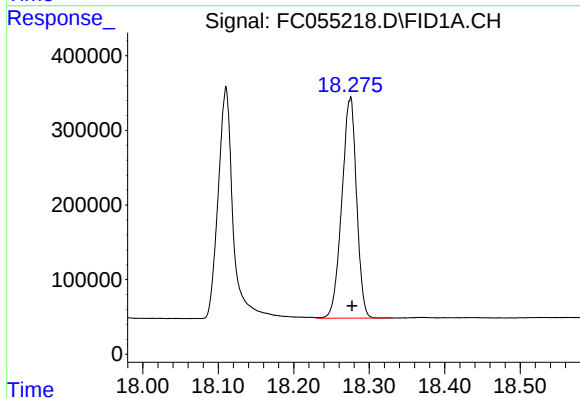
#17 n-Tricontane (C30)

R.T.: 17.445 min
Delta R.T.: -0.001 min
Response: 4161768
Conc: 39.86 ug/ml m

Instrument :
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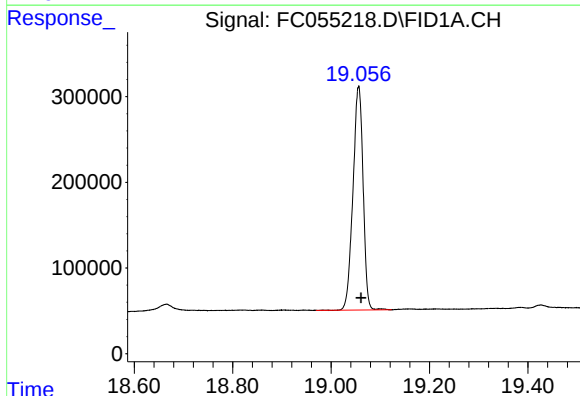
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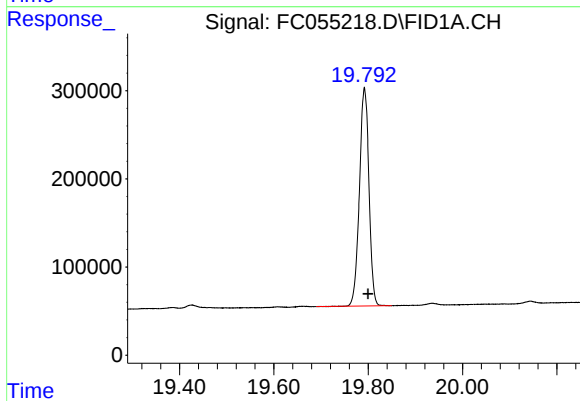
#18 n-Dotriacontane (C32)

R.T.: 18.274 min
Delta R.T.: -0.003 min
Response: 4019277
Conc: 40.58 ug/ml



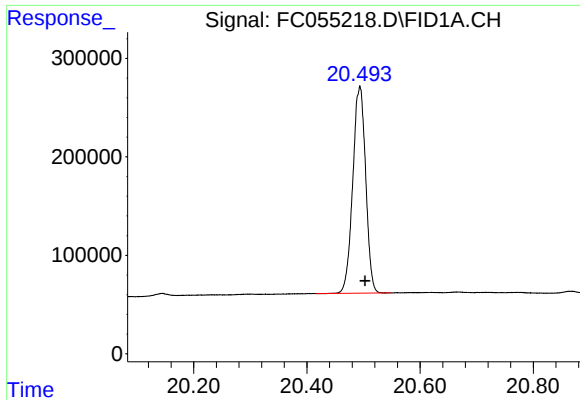
#19 n-Tetratriacontane (C34)

R.T.: 19.055 min
Delta R.T.: -0.006 min
Response: 3734353
Conc: 39.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.792 min
Delta R.T.: -0.008 min
Response: 3467767
Conc: 38.38 ug/ml



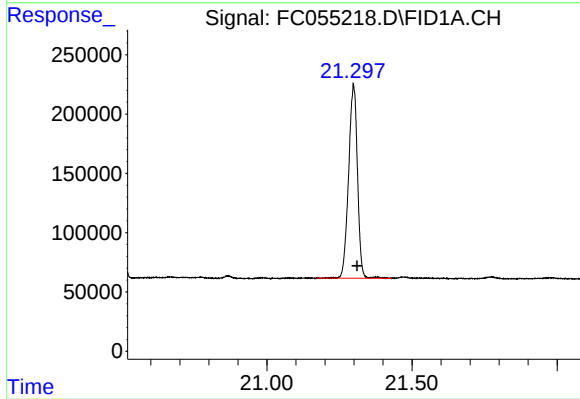
#21 n-Octatriacontane (C38)

R.T.: 20.493 min
Delta R.T.: -0.010 min
Response: 3321204
Conc: 38.44 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.297 min
Delta R.T.: -0.013 min
Response: 3471294
Conc: 38.98 ug/ml