

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
 Data File : FC054999.D
 Signal(s) : FID1A.CH
 Acq On : 04 Aug 2021 19:05
 Operator : AJ\MA
 Sample : M3271-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

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 8/5/2021 3:01:49 PM

Integration File: autoint1.e
 Quant Time: Aug 05 01:14:59 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	4540489	36.064 ug/ml
Spiked Amount 50.000		Recovery =	72.13%
12) S 1-chlorooctadecane (S...	12.745	3586219	36.185 ug/ml
Spiked Amount 50.000		Recovery =	72.37%
Target Compounds			
1) T n-Nonane (C9)	3.140	3745733	35.822 ug/ml
2) T n-Decane (C10)	4.188	4248653	40.346 ug/ml
3) T A~Naphthalene (C11.7)	5.750	4818420	44.345 ug/ml
4) T n-Dodecane (C12)	6.188	4881933	44.957 ug/ml
5) T A~2-methylnaphthalene...	6.800	5028182	46.071 ug/ml
6) T n-Tetradecane (C14)	7.974	5381666	48.207 ug/ml
7) T n-Hexadecane (C16)	9.566	5786525	50.735 ug/ml
8) T n-Octadecane (C18)	11.002	6097915	51.711 ug/ml
10) T n-Eicosane (C20)	12.306	5952961	50.705 ug/ml
11) T n-Heneicosane (C21)	12.915	5916297	50.106 ug/ml
13) T n-Docosane (C22)	13.499	5871740	50.273 ug/ml
14) T n-Tetracosane (C24)	14.599	5793672	50.054 ug/mlm
15) T n-Hexacosane (C26)	15.618	5588708	49.867 ug/ml
16) T n-Octacosane (C28)	16.563	5450837	50.204 ug/mlm
17) T n-Tricontane (C30)	17.450	5113967	48.980 ug/ml
18) T n-Dotriacontane (C32)	18.279	4840259	48.875 ug/ml
19) T n-Tetratriacontane (C34)	19.059	4436474	46.809 ug/ml
20) T n-Hexatriacontane (C36)	19.797	4123053	45.627 ug/ml
21) T n-Octatriacontane (C38)	20.499	3923329	45.407 ug/ml
22) T n-Tetracontane (C40)	21.305	3988919	44.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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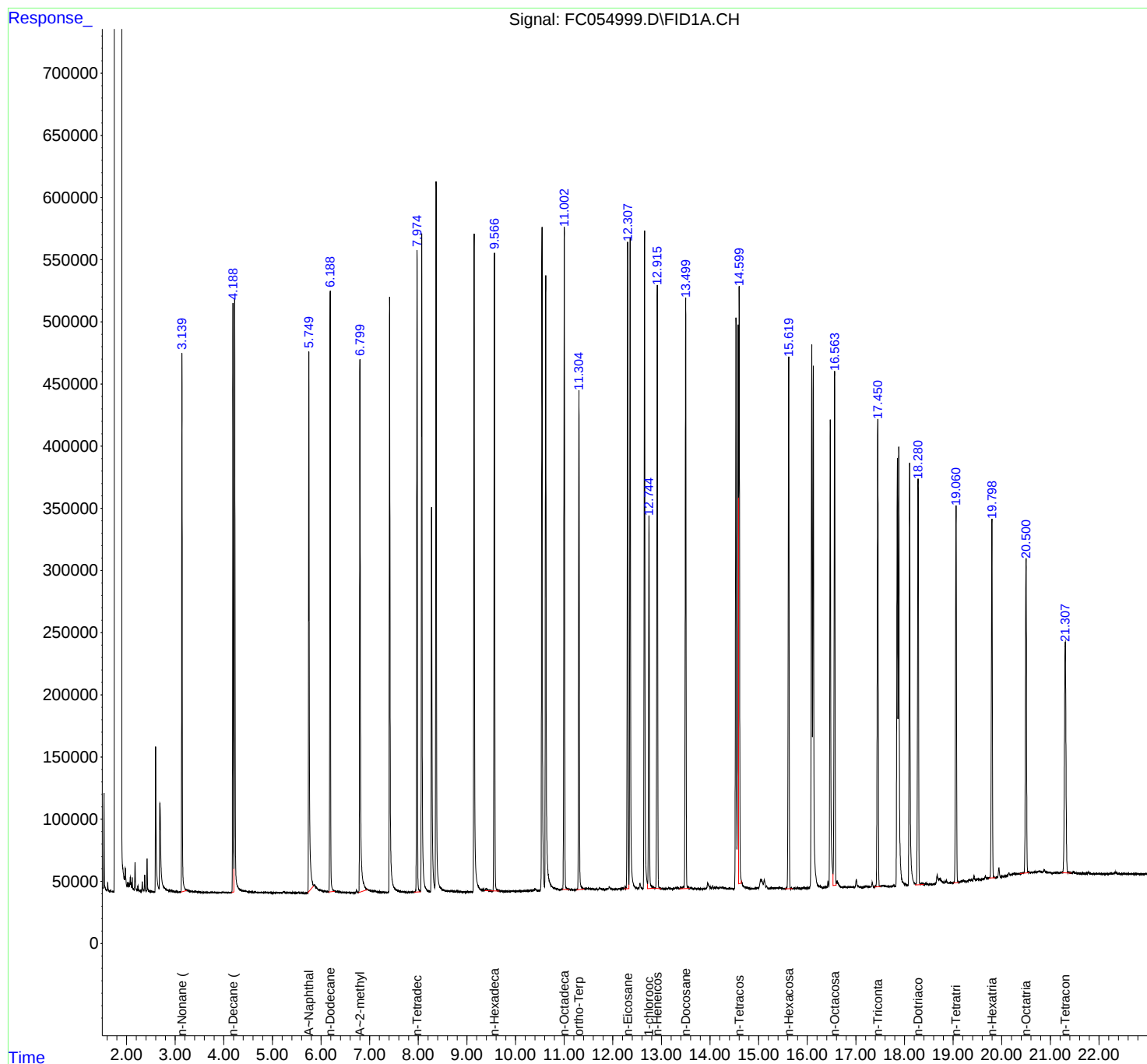
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TP-2MS

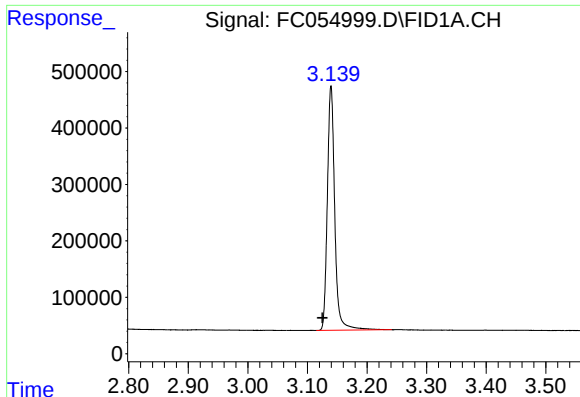
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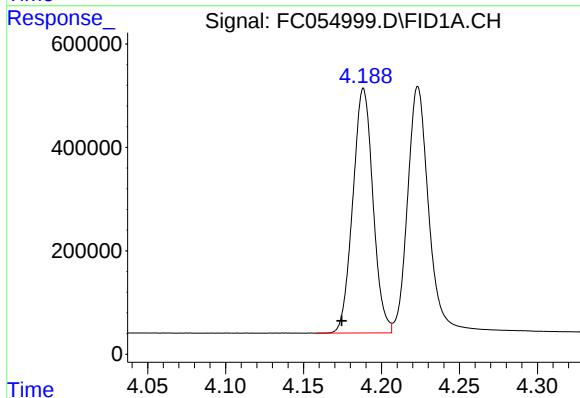
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: 0.015 min
Response: 3745733
Conc: 35.82 ug/ml

Instrument :
FID_C
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TP-2MS

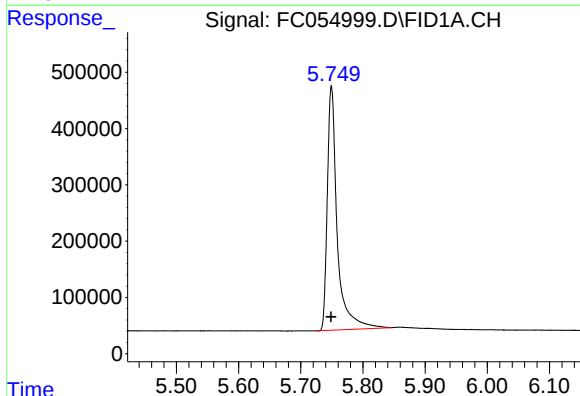
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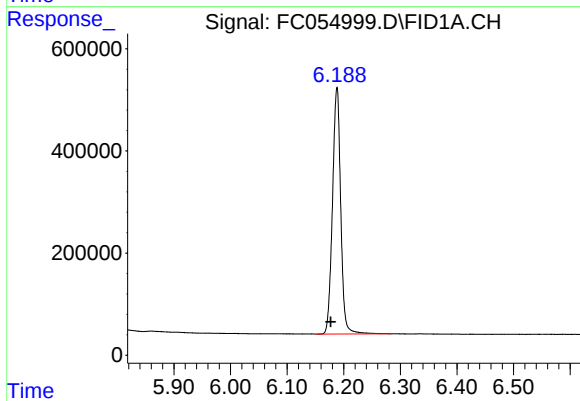
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: 0.014 min
Response: 4248653
Conc: 40.35 ug/ml



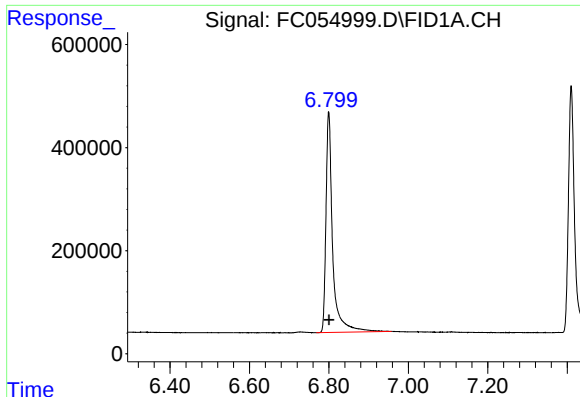
#3 A~Naphthalene (C11.7)

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 4818420
Conc: 44.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.011 min
Response: 4881933
Conc: 44.96 ug/ml



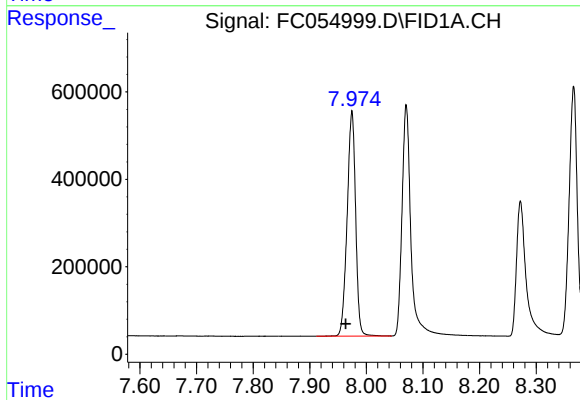
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 5028182
Conc: 46.07 ug/ml

Instrument :
FID_C
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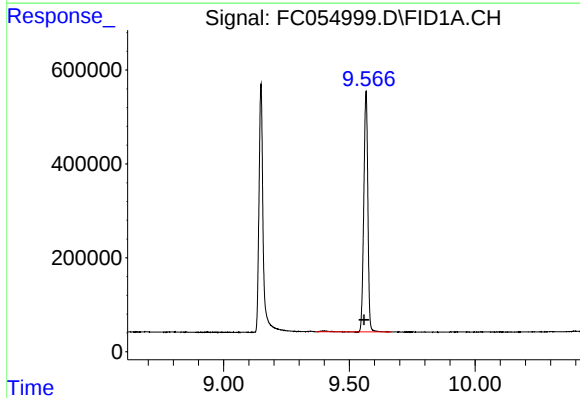
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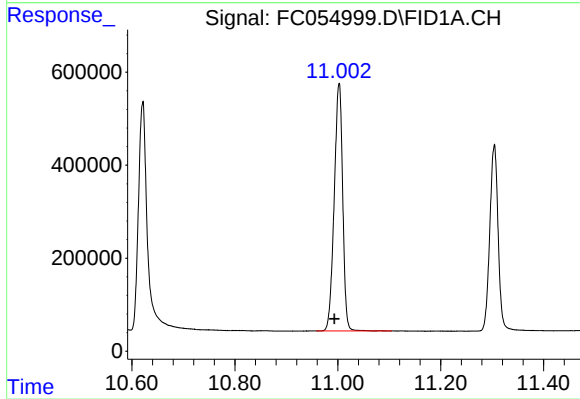
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: 0.011 min
Response: 5381666
Conc: 48.21 ug/ml



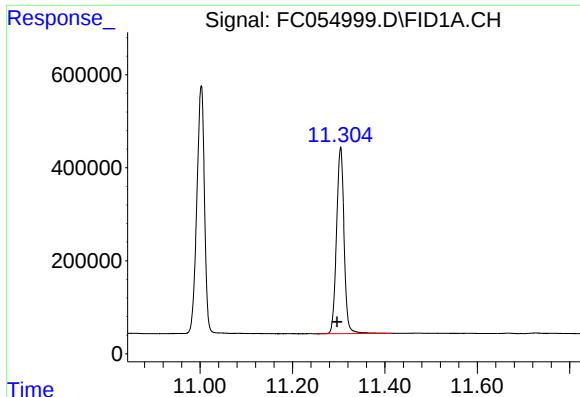
#7 n-Hexadecane (C16)

R.T.: 9.566 min
Delta R.T.: 0.008 min
Response: 5786525
Conc: 50.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.002 min
Delta R.T.: 0.008 min
Response: 6097915
Conc: 51.71 ug/ml



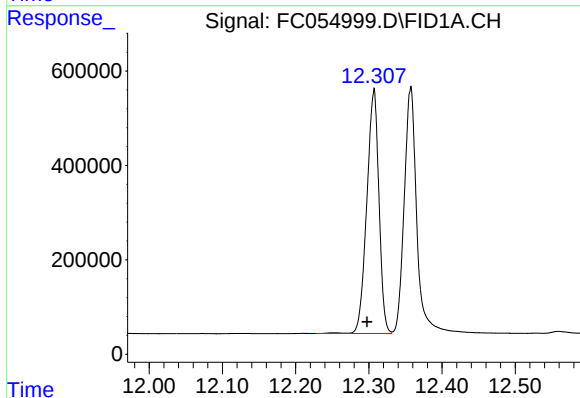
#9 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.007 min
Response: 4540489
Conc: 36.06 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-2MS

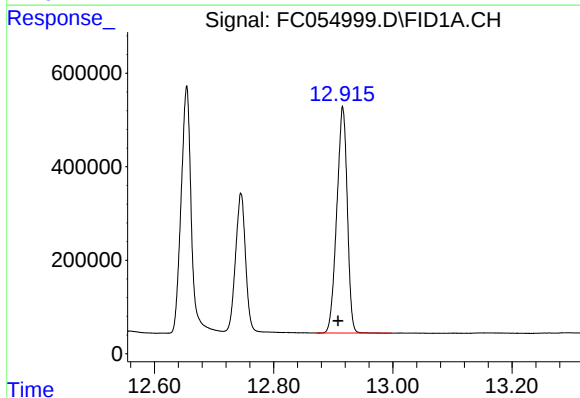
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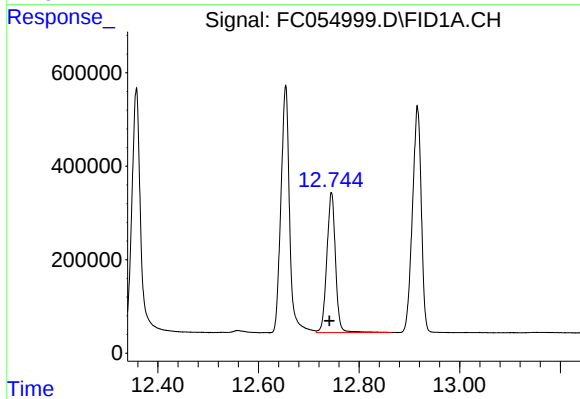
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 5952961
Conc: 50.71 ug/ml



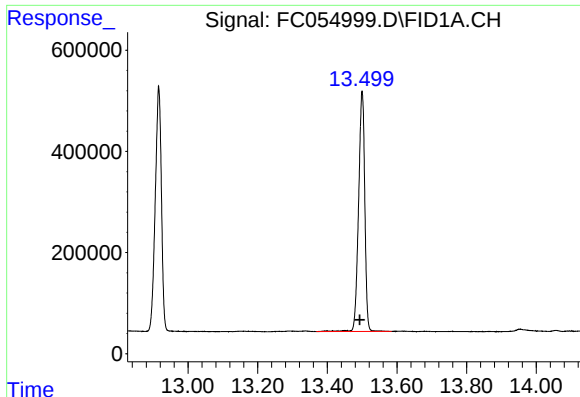
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 5916297
Conc: 50.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.745 min
Delta R.T.: 0.004 min
Response: 3586219
Conc: 36.19 ug/ml



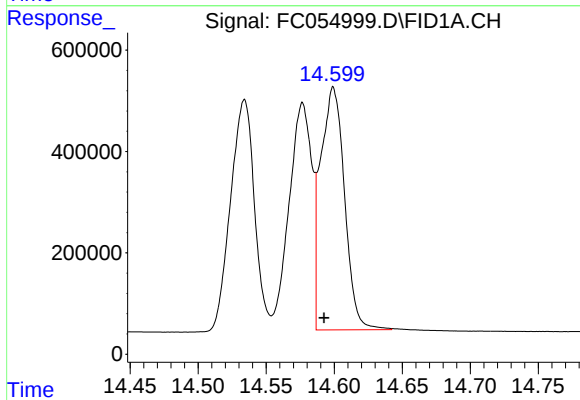
#13 n-Docosane (C22)

R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 5871740
Conc: 50.27 ug/ml

Instrument :
FID_C
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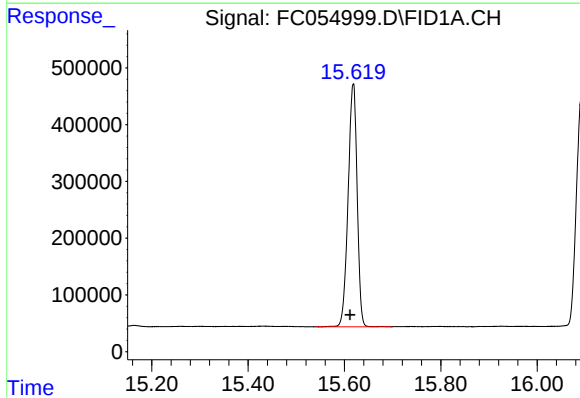
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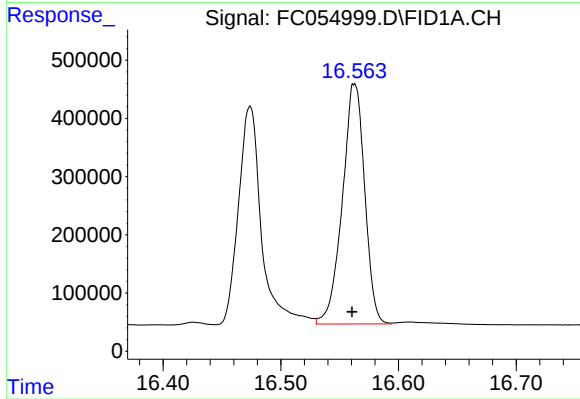
#14 n-Tetracosane (C24)

R.T.: 14.599 min
Delta R.T.: 0.006 min
Response: 5793672
Conc: 50.05 ug/ml m



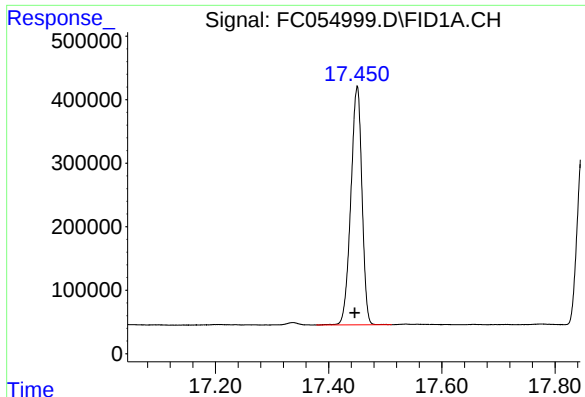
#15 n-Hexacosane (C26)

R.T.: 15.618 min
Delta R.T.: 0.006 min
Response: 5588708
Conc: 49.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.563 min
Delta R.T.: 0.002 min
Response: 5450837
Conc: 50.20 ug/ml m



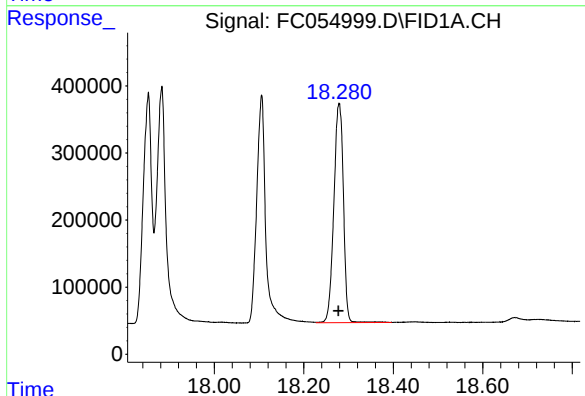
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.004 min
Response: 5113967
Conc: 48.98 ug/ml

Instrument :
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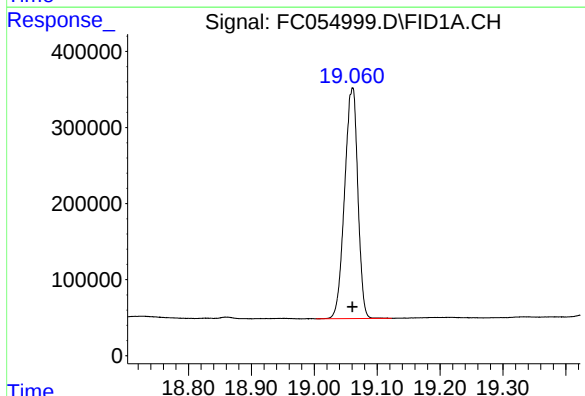
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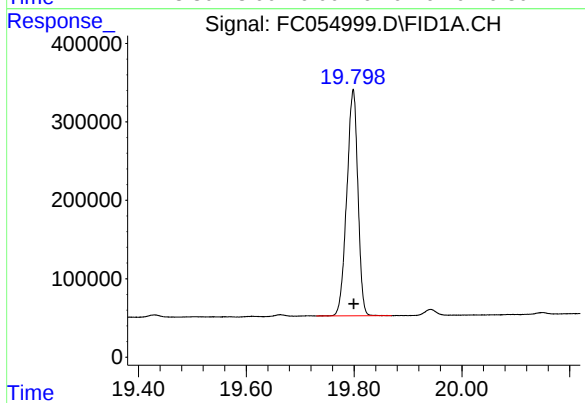
#18 n-Dotriacontane (C32)

R.T.: 18.279 min
Delta R.T.: 0.001 min
Response: 4840259
Conc: 48.87 ug/ml



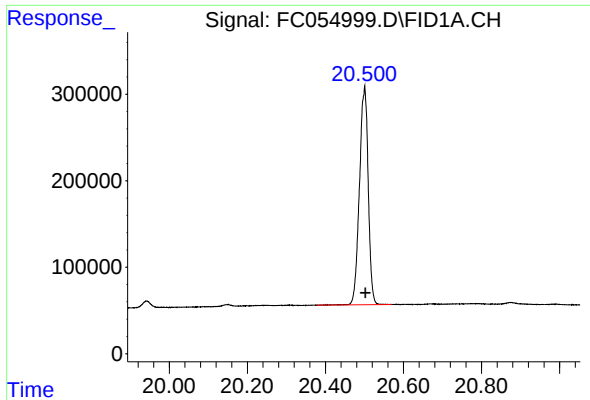
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: -0.001 min
Response: 4436474
Conc: 46.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.797 min
Delta R.T.: -0.002 min
Response: 4123053
Conc: 45.63 ug/ml



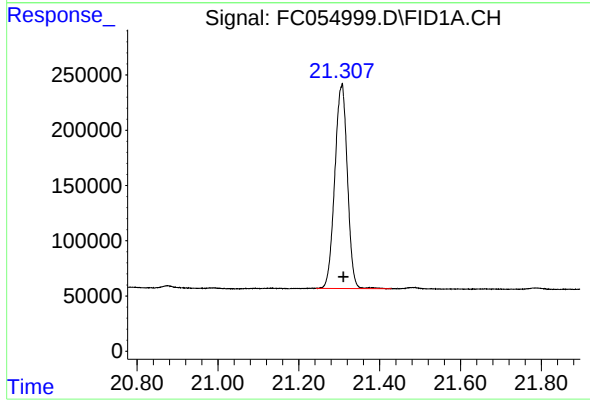
#21 n-Octatriacontane (C38)

R.T.: 20.499 min
Delta R.T.: -0.003 min
Response: 3923329
Conc: 45.41 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.305 min
Delta R.T.: -0.005 min
Response: 3988919
Conc: 44.79 ug/ml