

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072321AL\
 Data File : FC054841.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jul 2021 7:00
 Operator : AJ\MA
 Sample : M3152-12MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 COLL-HOLE-BMS

Manual Integrations
 APPROVED

mohammad
 7/26/2021 11:56:13 AM

Integration File: autoint1.e
 Quant Time: Jul 26 01:02:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.313	7020899	50.475 ug/ml
Spiked Amount 50.000		Recovery =	100.95%
12) S 1-chlorooctadecane (S...	12.754	5729240	51.538 ug/ml
Spiked Amount 50.000		Recovery =	103.08%
Target Compounds			
1) T n-Nonane (C9)	3.135	4253746	37.073 ug/ml
2) T n-Decane (C10)	4.187	4833931	41.595 ug/ml
3) T A~Naphthalene (C11.7)	5.748	5247553	43.613 ug/ml
4) T n-Dodecane (C12)	6.190	5515059	46.143 ug/ml
5) T A~2-methylnaphthalene...	6.801	5622244	46.036 ug/ml
6) T n-Tetradecane (C14)	7.979	6134260	49.864 ug/ml
7) T n-Hexadecane (C16)	9.572	6749206	53.538 ug/ml
8) T n-Octadecane (C18)	11.010	7307343	55.748 ug/ml
10) T n-Eicosane (C20)	12.315	7164189	54.371 ug/ml
11) T n-Heneicosane (C21)	12.925	7150647	53.692 ug/ml
13) T n-Docosane (C22)	13.509	7042781	53.183 ug/ml
14) T n-Tetracosane (C24)	14.609	7223757	54.791 ug/ml
15) T n-Hexacosane (C26)	15.629	6618994	51.461 ug/ml
16) T n-Octacosane (C28)	16.575	6408590	48.658 ug/ml
17) T n-Tricontane (C30)	17.463	5903804	41.487 ug/ml
18) T n-Dotriacontane (C32)	18.293	5598057	45.235 ug/ml
19) T n-Tetratriacontane (C34)	19.075	5302360	51.784 ug/ml
20) T n-Hexatriacontane (C36)	19.814	5001423	52.809 ug/ml
21) T n-Octatriacontane (C38)	20.518	4730093	50.800 ug/ml
22) T n-Tetracontane (C40)	21.330	4793516	49.389 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 23 Sample Multiplier: 1

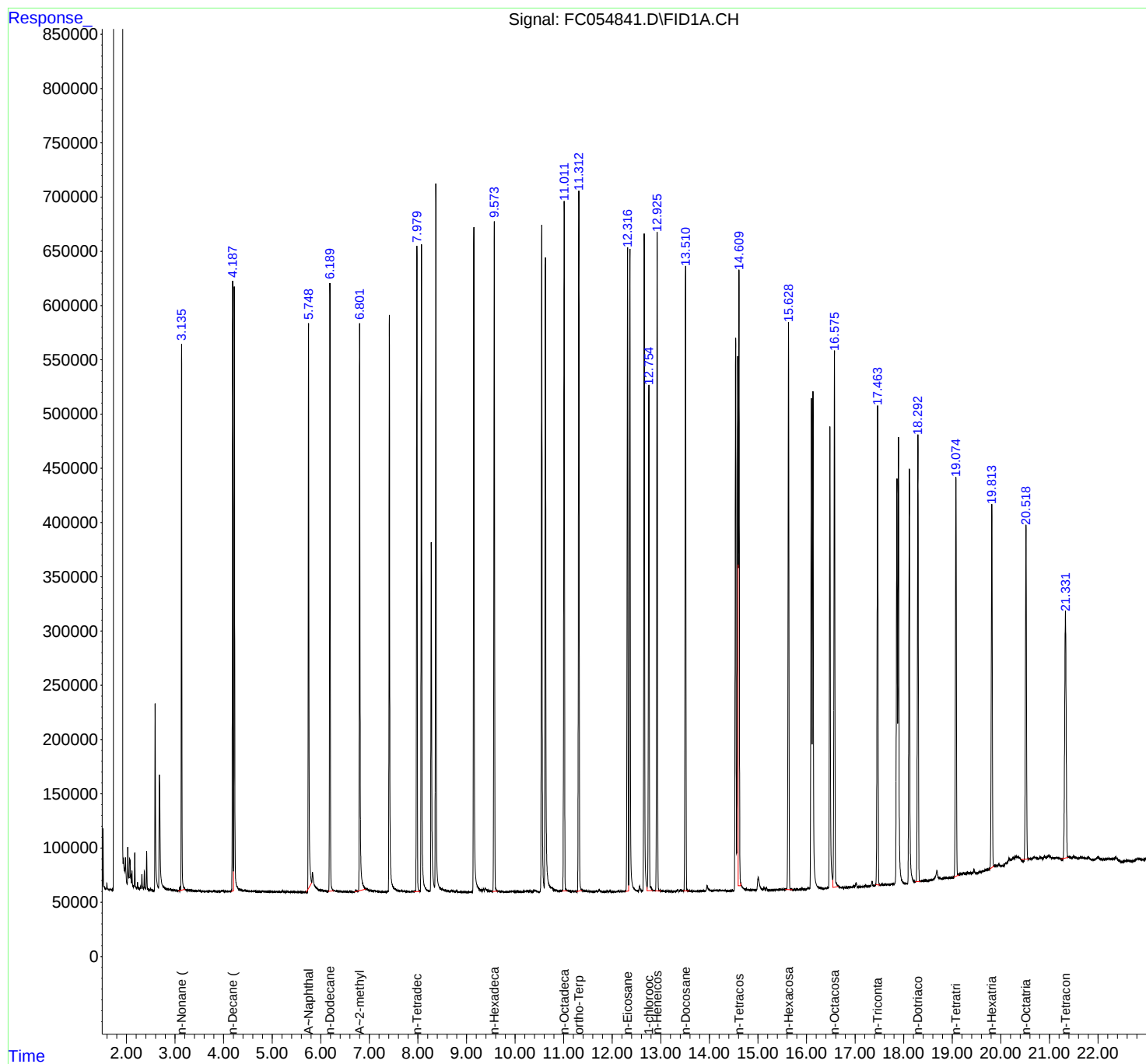
Instrument :
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COLL-HOLE-BMS

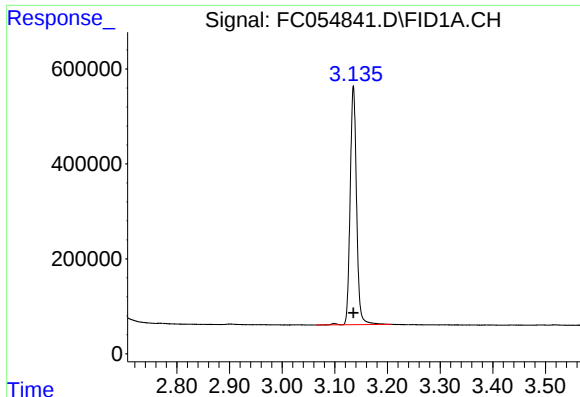
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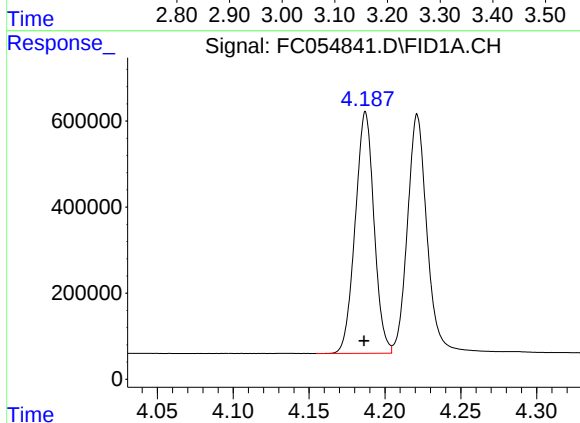
#1 n-Nonane (C9)

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 4253746
Conc: 37.07 ug/ml

Instrument :
FID_C
ClientSampleId :
COLL-HOLE-BMS

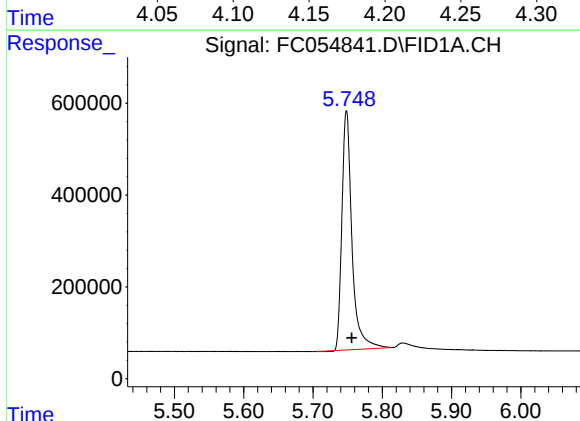
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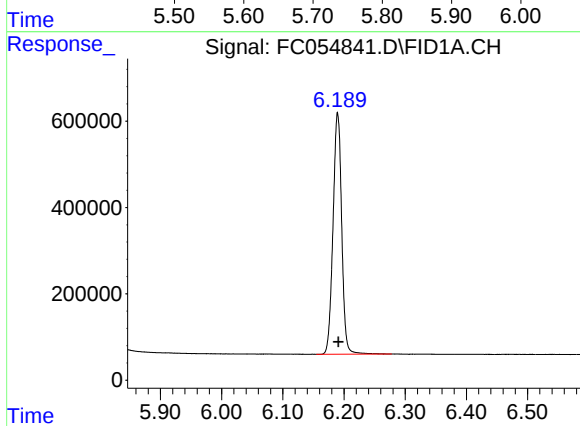
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 4833931
Conc: 41.60 ug/ml



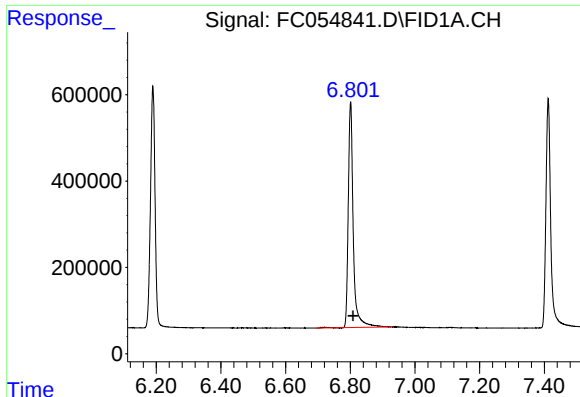
#3 A~Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.008 min
Response: 5247553
Conc: 43.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 5515059
Conc: 46.14 ug/ml



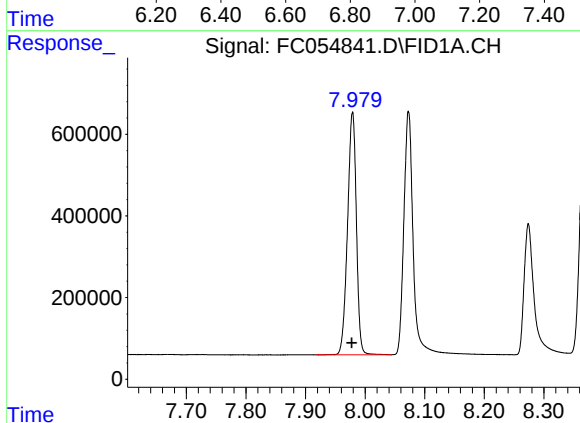
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.007 min
Response: 5622244
Conc: 46.04 ug/ml

Instrument :
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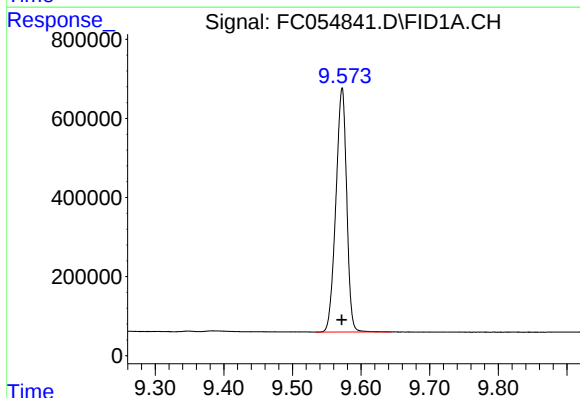
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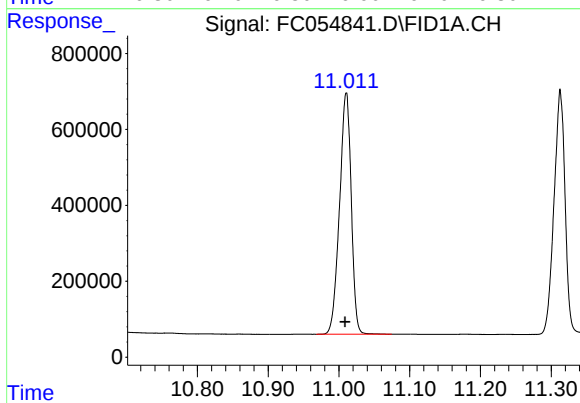
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.001 min
Response: 6134260
Conc: 49.86 ug/ml



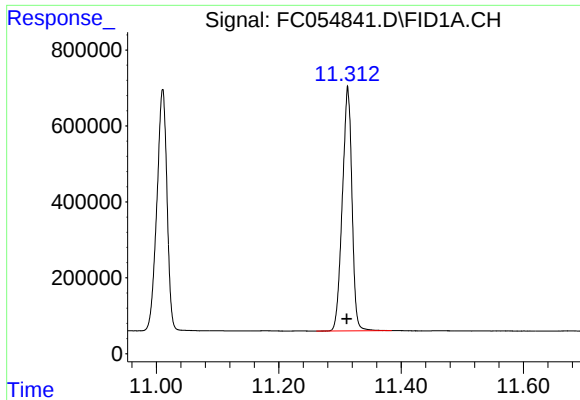
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.000 min
Response: 6749206
Conc: 53.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.010 min
Delta R.T.: 0.002 min
Response: 7307343
Conc: 55.75 ug/ml



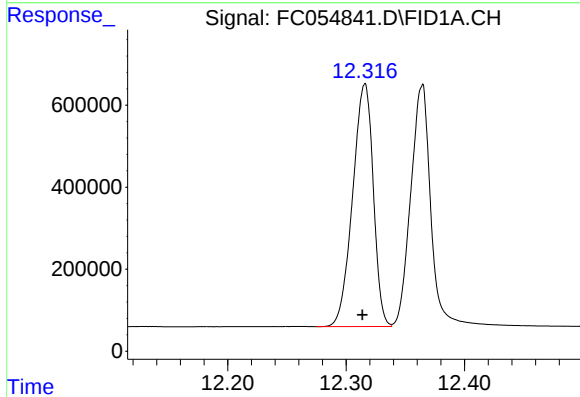
#9 ortho-Terphenyl (SURR)

R.T.: 11.313 min
Delta R.T.: 0.002 min
Response: 7020899
Conc: 50.47 ug/ml

Instrument :
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ClientSampleId :
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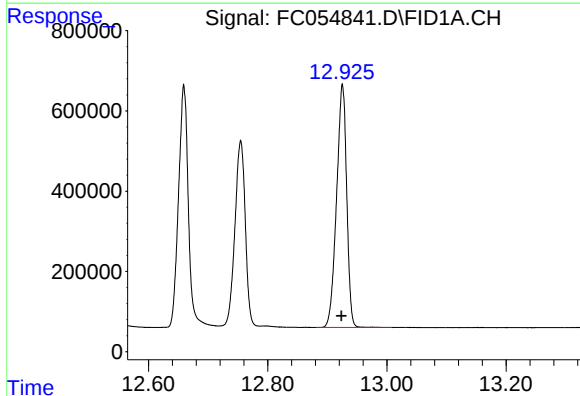
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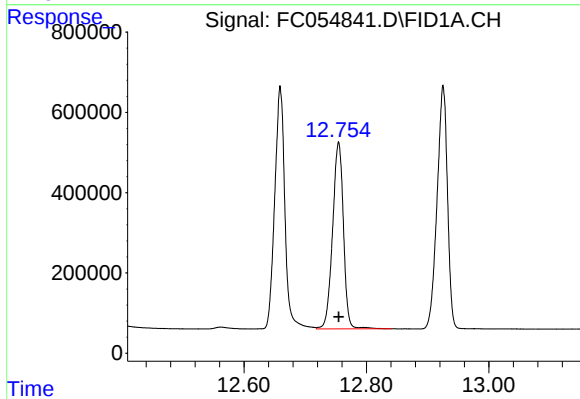
#10 n-Eicosane (C20)

R.T.: 12.315 min
Delta R.T.: 0.002 min
Response: 7164189
Conc: 54.37 ug/ml



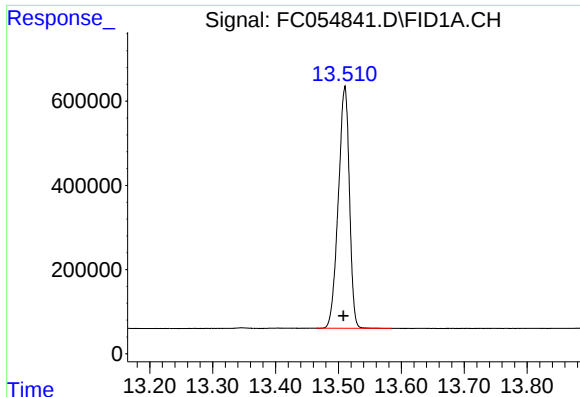
#11 n-Heneicosane (C21)

R.T.: 12.925 min
Delta R.T.: 0.000 min
Response: 7150647
Conc: 53.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.754 min
Delta R.T.: 0.000 min
Response: 5729240
Conc: 51.54 ug/ml



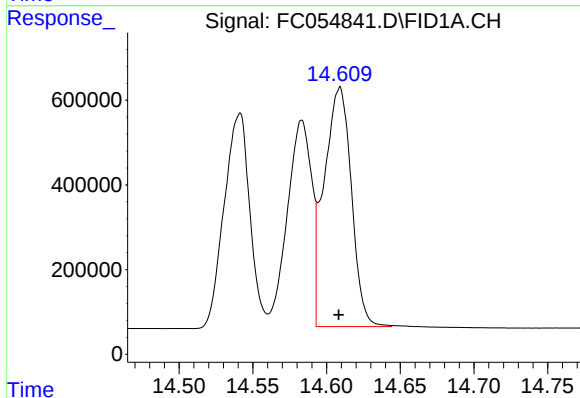
#13 n-Docosane (C22)

R.T.: 13.509 min
Delta R.T.: 0.001 min
Response: 7042781
Conc: 53.18 ug/ml

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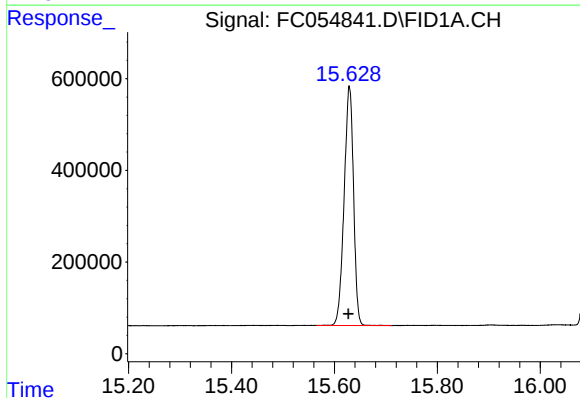
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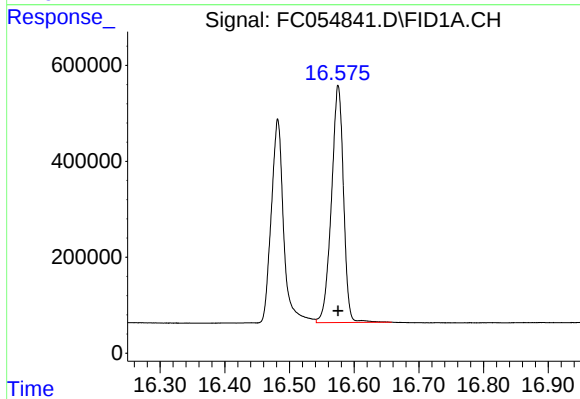
#14 n-Tetracosane (C24)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 7223757
Conc: 54.79 ug/ml m



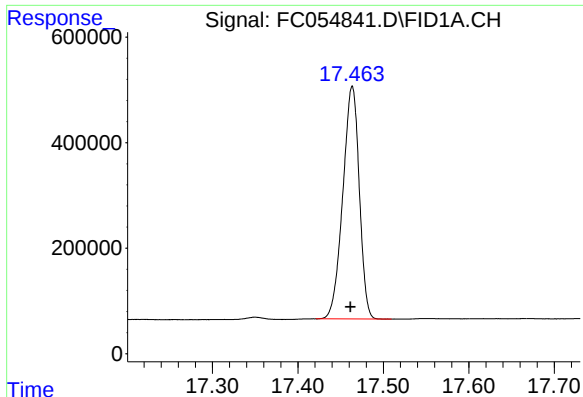
#15 n-Hexacosane (C26)

R.T.: 15.629 min
Delta R.T.: 0.001 min
Response: 6618994
Conc: 51.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.575 min
Delta R.T.: 0.000 min
Response: 6408590
Conc: 48.66 ug/ml



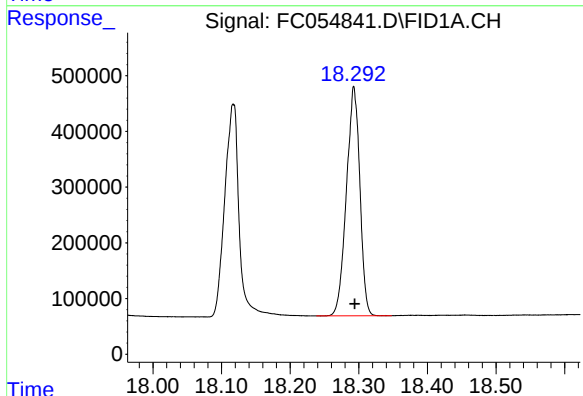
#17 n-Tricontane (C30)

R.T.: 17.463 min
Delta R.T.: 0.002 min
Response: 5903804
Conc: 41.49 ug/ml

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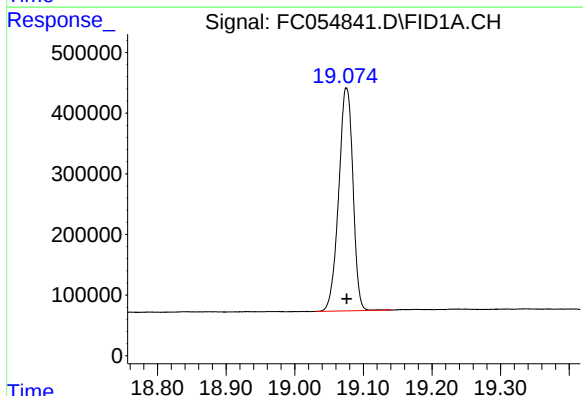
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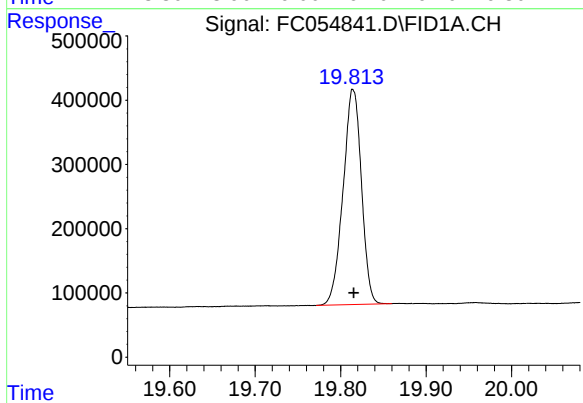
#18 n-Dotriacontane (C32)

R.T.: 18.293 min
Delta R.T.: -0.002 min
Response: 5598057
Conc: 45.24 ug/ml



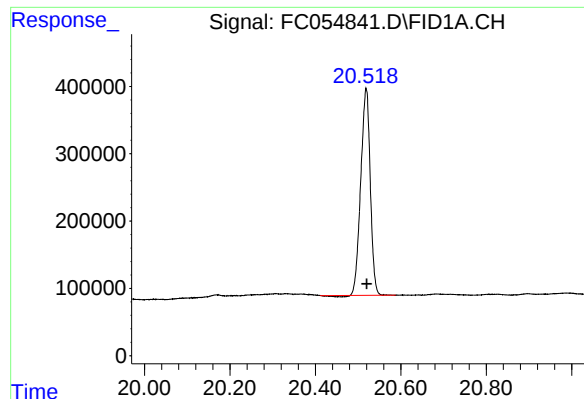
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: 0.000 min
Response: 5302360
Conc: 51.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.814 min
Delta R.T.: 0.000 min
Response: 5001423
Conc: 52.81 ug/ml



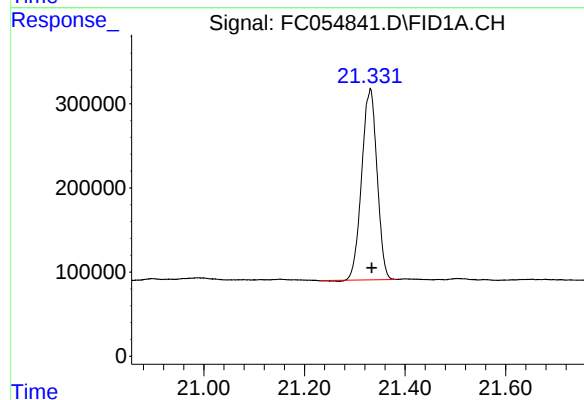
#21 n-Octatriacontane (C38)

R.T.: 20.518 min
Delta R.T.: -0.002 min
Response: 4730093
Conc: 50.80 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.330 min
Delta R.T.: -0.004 min
Response: 4793516
Conc: 49.39 ug/ml