

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103020AL\
 Data File : FC050482.D
 Signal(s) : FID1A.CH
 Acq On : 31 Oct 2020 2:23
 Operator : DD\AJ
 Sample : PB132698BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB132698BSD

Manual Integrations
 APPROVED

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 11/3/2020 9:18:04 AM

Integration File: sample.E
 Quant Time: Nov 02 00:37:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.623	5144109	45.892 ug/ml
Spiked Amount 50.000		Recovery =	91.78%
12) S 1-chlorooctadecane (S...	13.056	4105049	47.389 ug/ml
Spiked Amount 50.000		Recovery =	94.78%
Target Compounds			
1) T n-Nonane (C9)	3.377	4594673	46.365 ug/ml
2) T n-Decane (C10)	4.444	4976154	49.981 ug/ml
3) T A~Naphthalene (C11.7)	6.034	5654738	51.305 ug/ml
4) T n-Dodecane (C12)	6.463	5301563	52.542 ug/ml
5) T A~2-methylnaphthalene...	7.092	5663724	50.884 ug/ml
6) T n-Tetradecane (C14)	8.260	5366181	53.565 ug/ml
7) T n-Hexadecane (C16)	9.860	5333196	54.113 ug/ml
8) T n-Octadecane (C18)	11.302	5405392	52.340 ug/ml
10) T n-Eicosane (C20)	12.612	5300294	50.938 ug/ml
11) T n-Heneicosane (C21)	13.223	5238634	50.412 ug/ml
13) T n-Docosane (C22)	13.808	5209379	50.184 ug/ml
14) T n-Tetracosane (C24)	14.909	10071523	96.964 ug/ml
15) T n-Hexacosane (C26)	15.932	4929511	47.837 ug/ml
16) T n-Octacosane (C28)	16.879	4968393	48.007 ug/ml
17) T n-Tricontane (C30)	17.768	4716536	46.218 ug/ml
18) T n-Dotriacontane (C32)	18.597	4560521	47.472 ug/ml
19) T n-Tetratriacontane (C34)	19.376	4372342	47.668 ug/mlm
20) T n-Hexatriacontane (C36)	20.116	4078509	46.045 ug/mlm
21) T n-Octatriacontane (C38)	20.860	3850337	46.695 ug/mlm
22) T n-Tetracontane (C40)	21.787	3871125	46.294 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

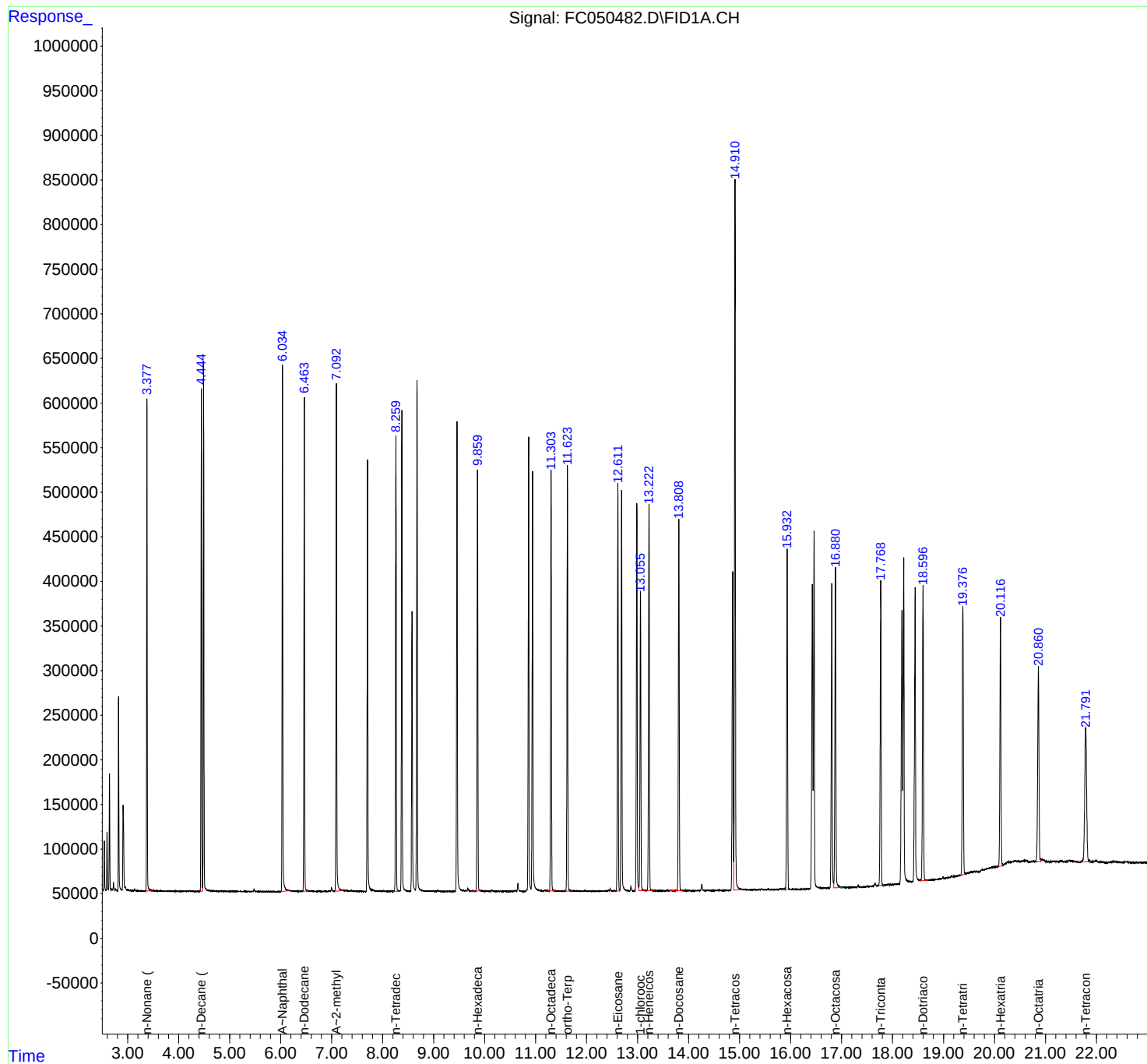
Instrument :
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ClientSampleId :
PB132698BSD

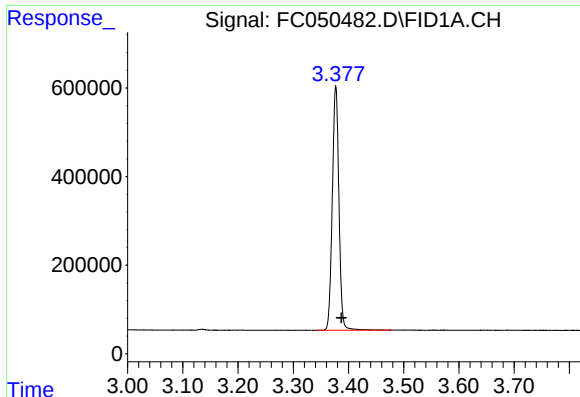
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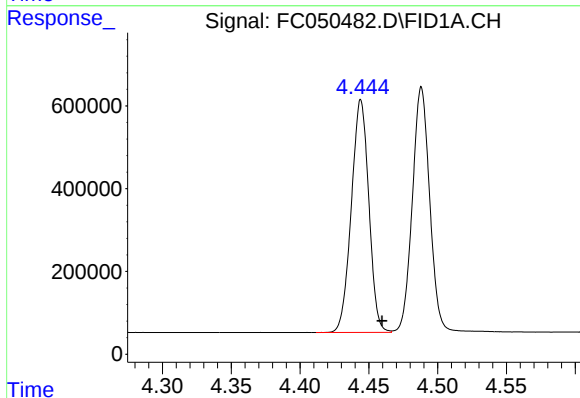
#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.010 min
Response: 4594673
Conc: 46.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB132698BSD

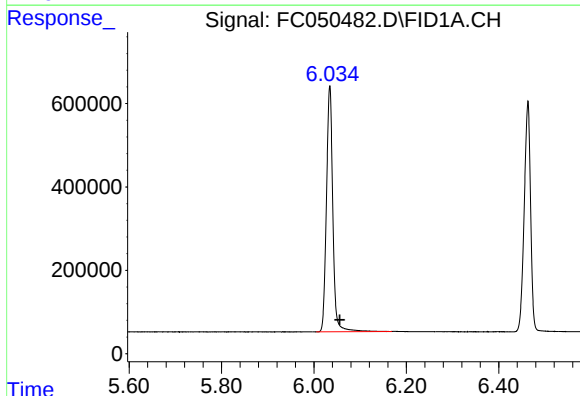
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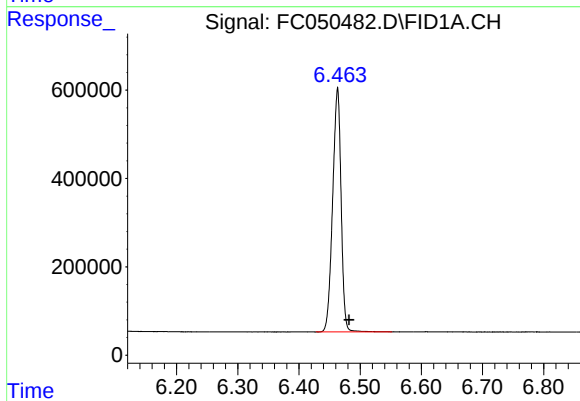
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.016 min
Response: 4976154
Conc: 49.98 ug/ml



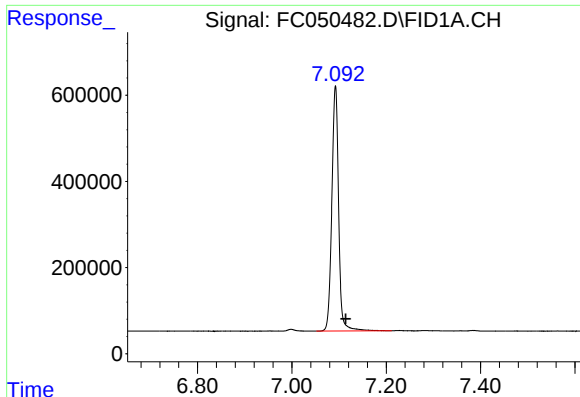
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.022 min
Response: 5654738
Conc: 51.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.463 min
Delta R.T.: -0.019 min
Response: 5301563
Conc: 52.54 ug/ml



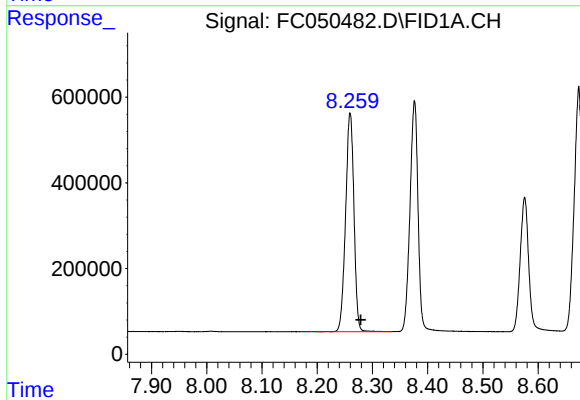
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.022 min
Response: 5663724
Conc: 50.88 ug/ml

Instrument :
FID_C
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PB132698BSD

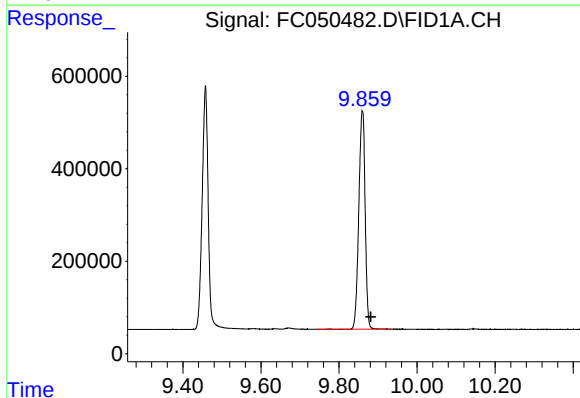
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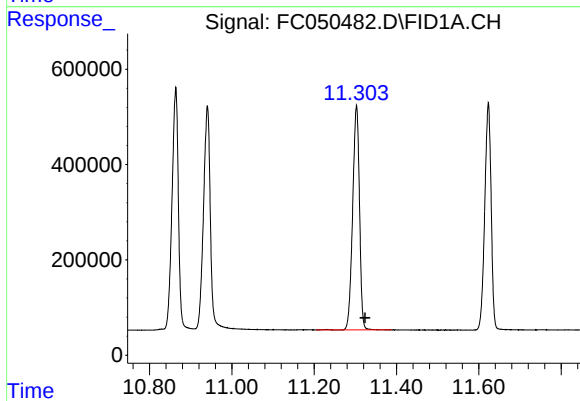
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.019 min
Response: 5366181
Conc: 53.56 ug/ml



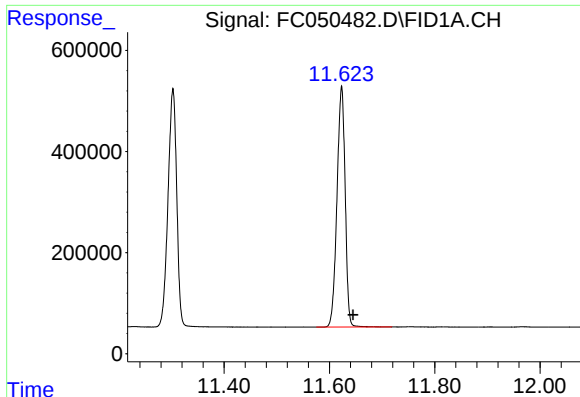
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.022 min
Response: 5333196
Conc: 54.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.021 min
Response: 5405392
Conc: 52.34 ug/ml



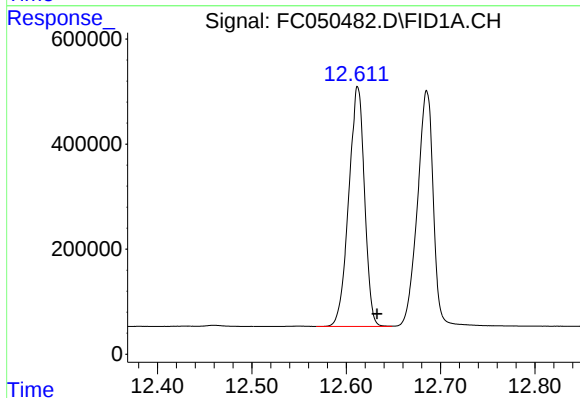
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.022 min
Response: 5144109
Conc: 45.89 ug/ml

Instrument :
FID_C
ClientSampleId :
PB132698BSD

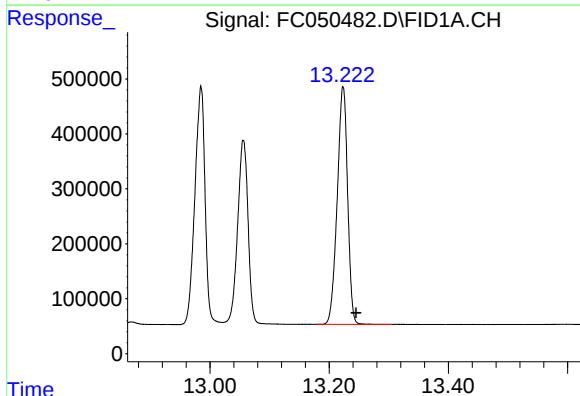
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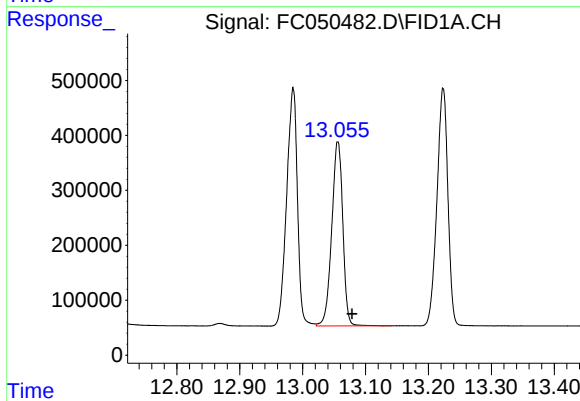
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.021 min
Response: 5300294
Conc: 50.94 ug/ml



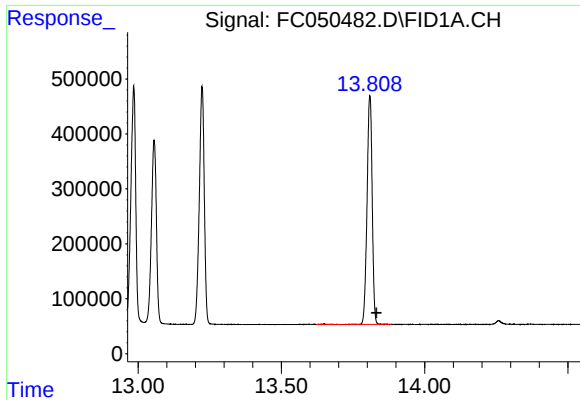
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: -0.022 min
Response: 5238634
Conc: 50.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.056 min
Delta R.T.: -0.023 min
Response: 4105049
Conc: 47.39 ug/ml



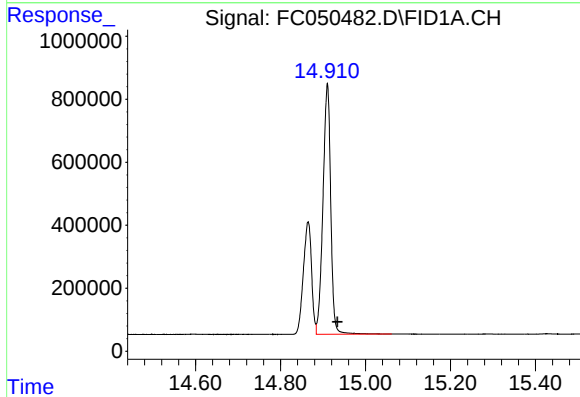
#13 n-Docosane (C22)

R.T.: 13.808 min
Delta R.T.: -0.023 min
Response: 5209379
Conc: 50.18 ug/ml

Instrument :
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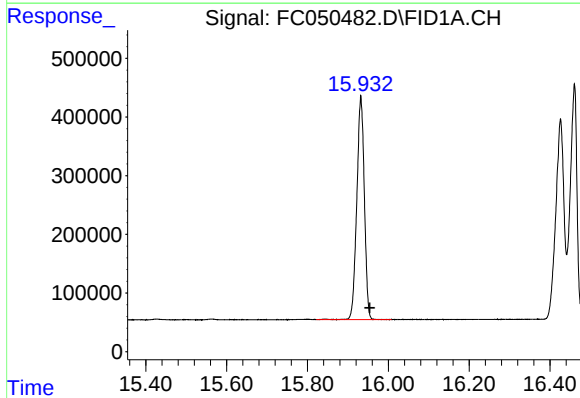
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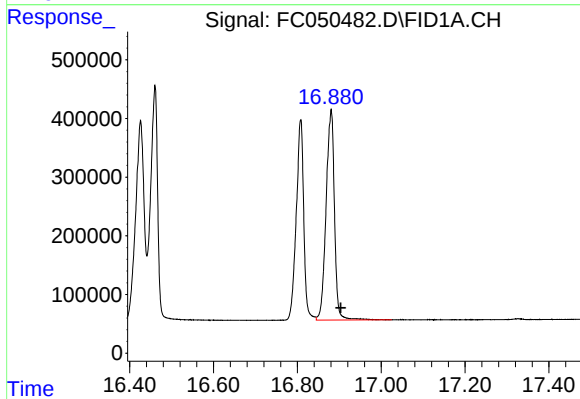
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.025 min
Response: 10071523
Conc: 96.96 ug/ml



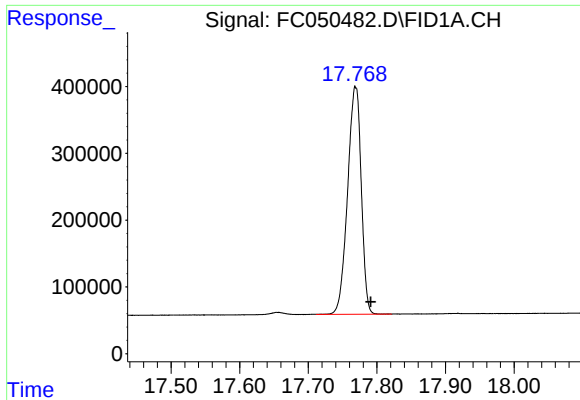
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: -0.022 min
Response: 4929511
Conc: 47.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: -0.024 min
Response: 4968393
Conc: 48.01 ug/ml



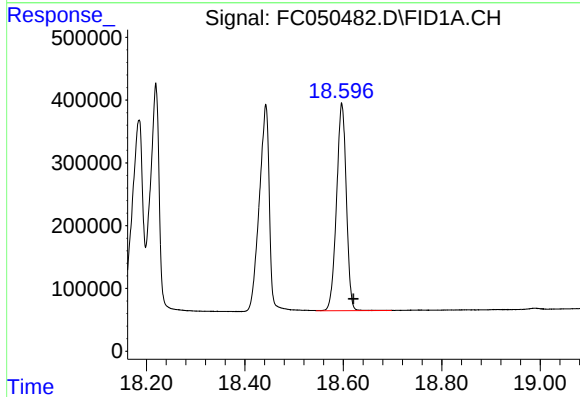
#17 n-Tricontane (C30)

R.T.: 17.768 min
Delta R.T.: -0.023 min
Response: 4716536
Conc: 46.22 ug/ml

Instrument :
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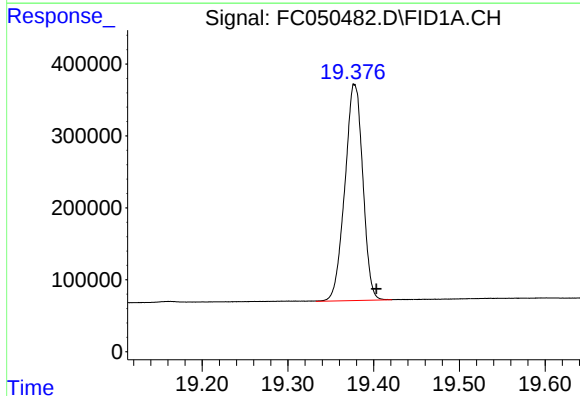
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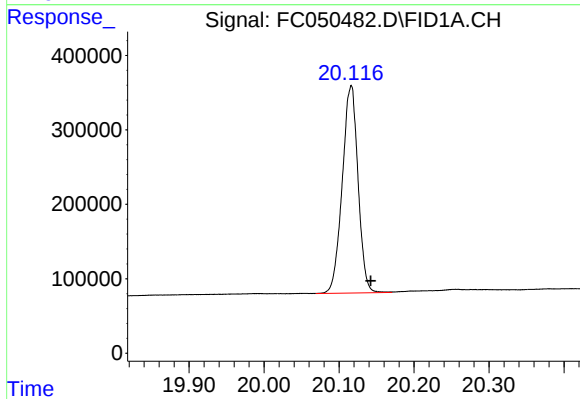
#18 n-Dotriacontane (C32)

R.T.: 18.597 min
Delta R.T.: -0.024 min
Response: 4560521
Conc: 47.47 ug/ml



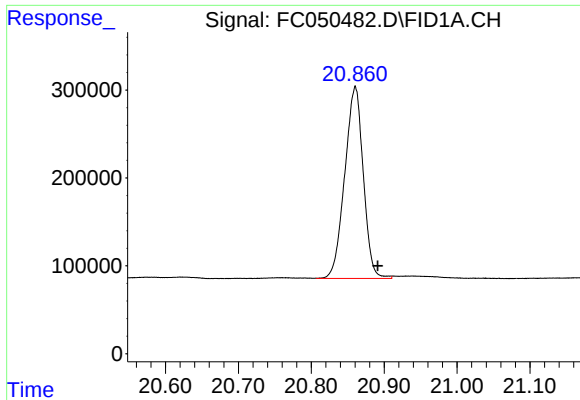
#19 n-Tetratriacontane (C34)

R.T.: 19.376 min
Delta R.T.: -0.027 min
Response: 4372342
Conc: 47.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.116 min
Delta R.T.: -0.026 min
Response: 4078509
Conc: 46.05 ug/ml m



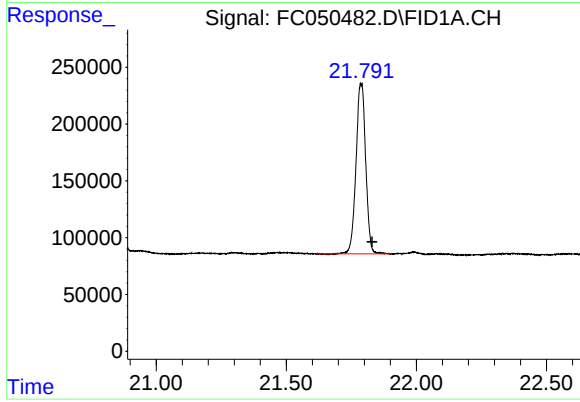
#21 n-Octatriacontane (C38)

R.T.: 20.860 min
Delta R.T.: -0.031 min
Response: 3850337
Conc: 46.69 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.042 min
Response: 3871125
Conc: 46.29 ug/ml