

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082819AL\
 Data File : FD030350.D
 Signal(s) : FID2B.CH
 Acq On : 28 Aug 2019 15:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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 8/29/2019 1:42:45 PM

Integration File: sample.E
 Quant Time: Aug 29 00:08:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 2019
 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)	11.541	2654987	19.315 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
12) S 1-chlorooctadecane (S...	12.968	2134762	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.344	2705304	22.606 ug/ml
2) T n-Decane (C10)	4.404	2761358	22.706 ug/ml
3) T A-Naphthalene (C11.7)	5.982	3057598	22.209 ug/ml
4) T n-Dodecane (C12)	6.412	2756454	22.605 ug/ml
5) T A~2-methylnaphthalene...	7.034	3041938	21.995 ug/ml
6) T n-Tetradecane (C14)	8.199	2733524	22.161 ug/ml
7) T n-Hexadecane (C16)	9.791	2679569	21.460 ug/ml
8) T n-Octadecane (C18)	11.225	2603203	20.362 ug/ml
10) T n-Eicosane (C20)	12.526	2514328	19.366 ug/ml
11) T n-Heneicosane (C21)	13.133	2454200	18.897 ug/ml
13) T n-Docosane (C22)	13.716	2403605	18.408 ug/ml
14) T n-Tetracosane (C24)	14.812	2337590	17.810 ug/ml
15) T n-Hexacosane (C26)	15.826	2228602	17.279 ug/ml
16) T n-Octacosane (C28)	16.768	2192502	17.280 ug/ml
17) T n-Tricontane (C30)	17.648	2158368	17.811 ug/mlm
18) T n-Dotriacontane (C32)	18.473	2046973	18.255 ug/mlm
19) T n-Tetratriacontane (C34)	19.251	1792441	20.216 ug/mlm
20) T n-Hexatriacontane (C36)	19.983	1590194	21.396 ug/mlm
21) T n-Octatriacontane (C38)	20.697	1570695	23.597 ug/mlm
22) T n-Tetracontane (C40)	21.565	1514821	21.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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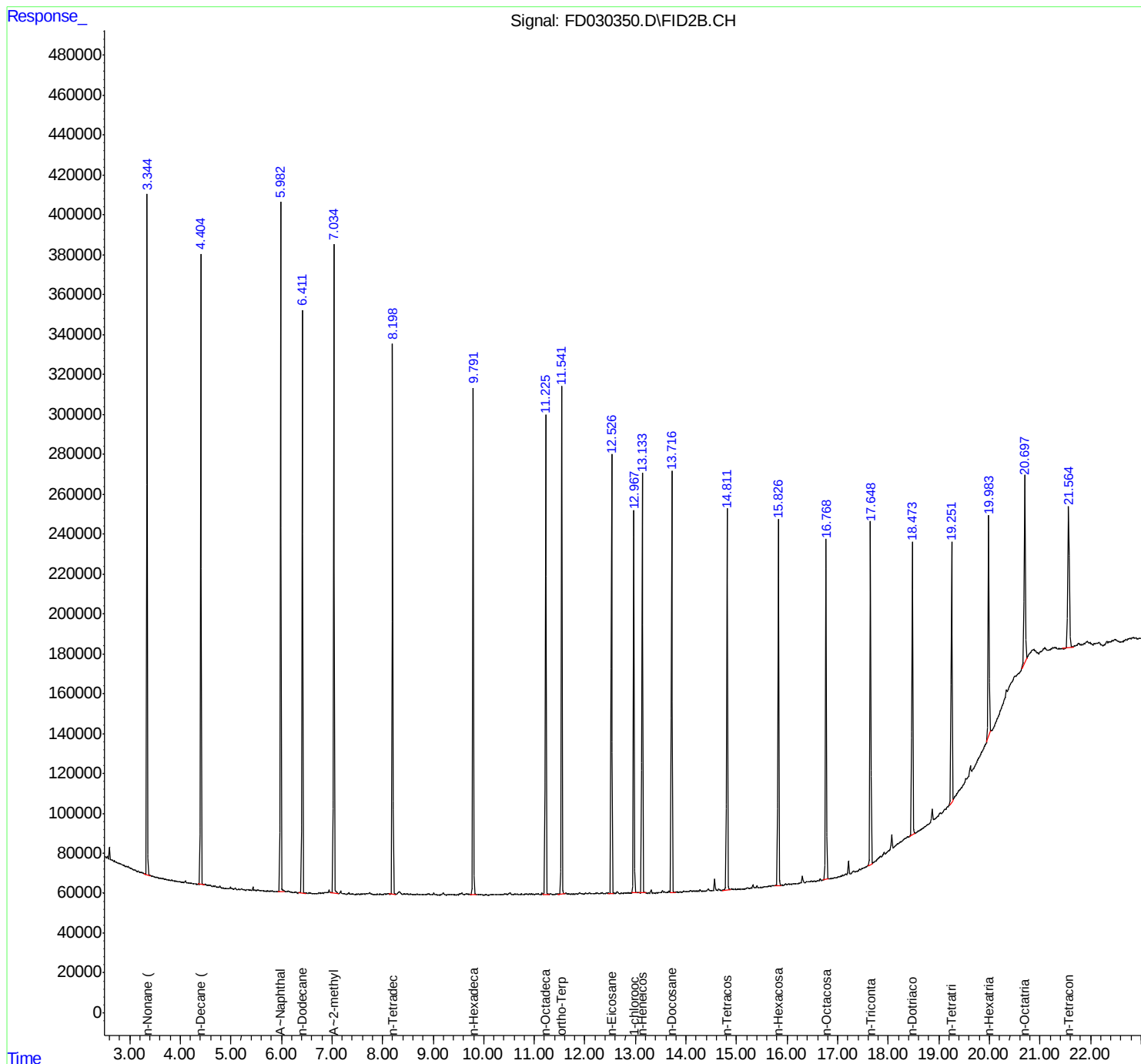
Instrument :
FID_D
ClientSampled :

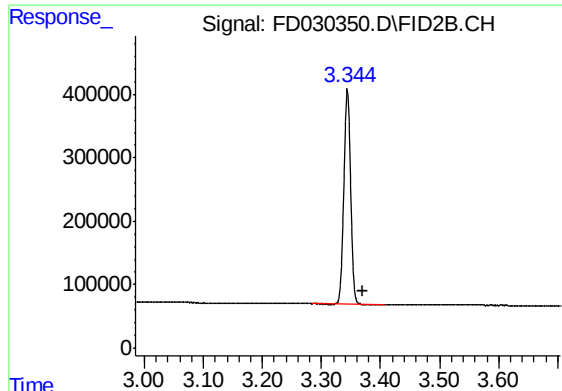
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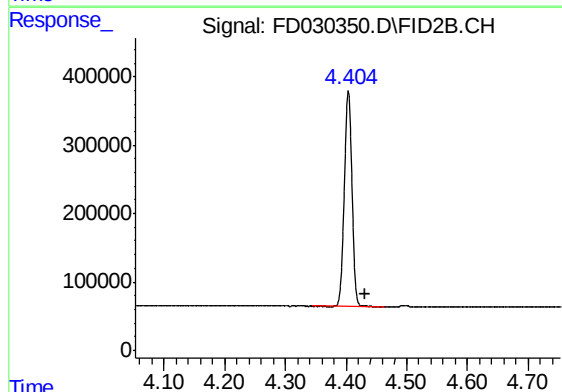
#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: -0.025 min
Response: 2705304
Conc: 22.61 ug/ml

Instrument :
FID_D
ClientSampleId :

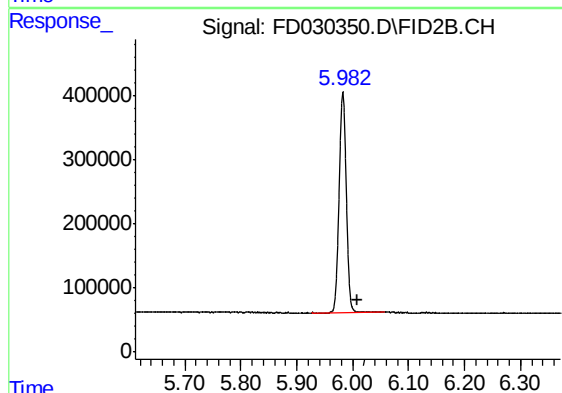
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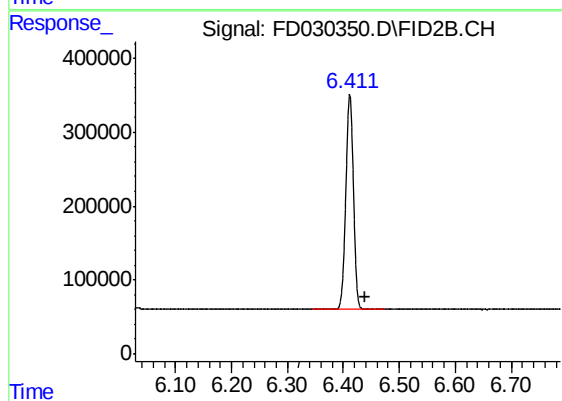
#2 n-Decane (C10)

R.T.: 4.404 min
Delta R.T.: -0.027 min
Response: 2761358
Conc: 22.71 ug/ml



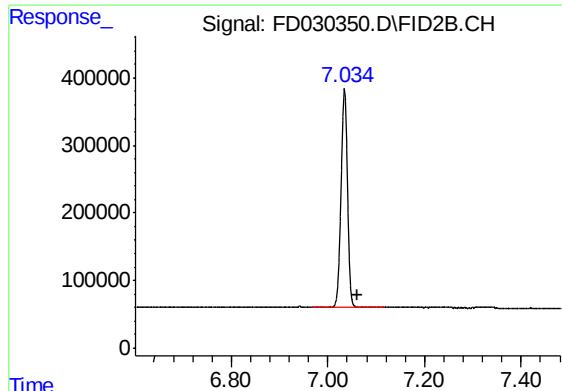
#3 A-Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: -0.027 min
Response: 3057598
Conc: 22.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.027 min
Response: 2756454
Conc: 22.60 ug/ml



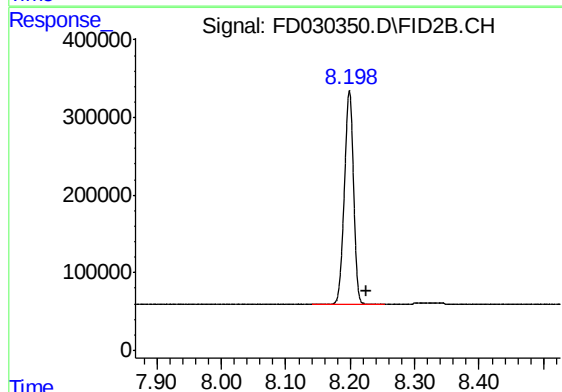
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.026 min
Response: 3041938
Conc: 21.99 ug/ml

Instrument :
FID_D
ClientSampleId :

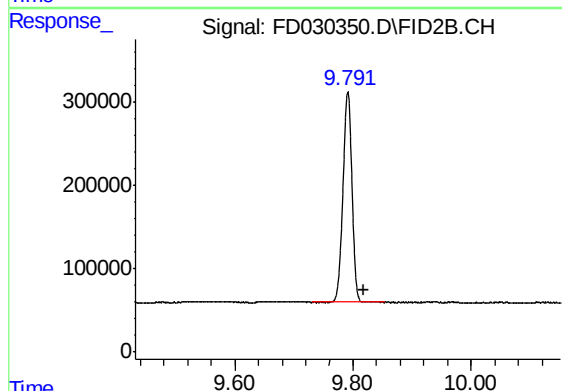
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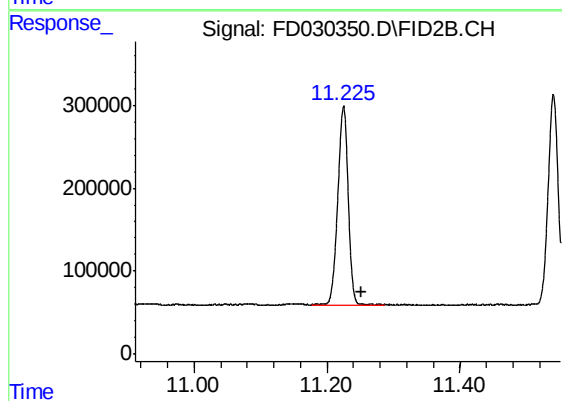
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.027 min
Response: 2733524
Conc: 22.16 ug/ml



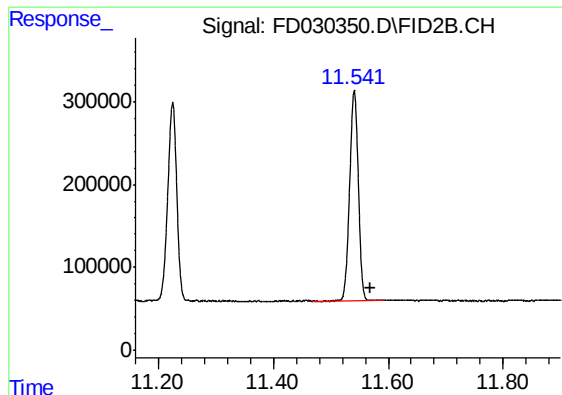
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: -0.026 min
Response: 2679569
Conc: 21.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.027 min
Response: 2603203
Conc: 20.36 ug/ml



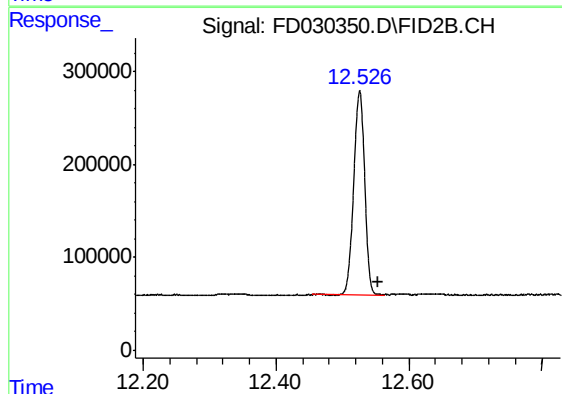
#9 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.028 min
Response: 2654987
Conc: 19.32 ug/ml

Instrument :
FID_D
ClientSampleId :

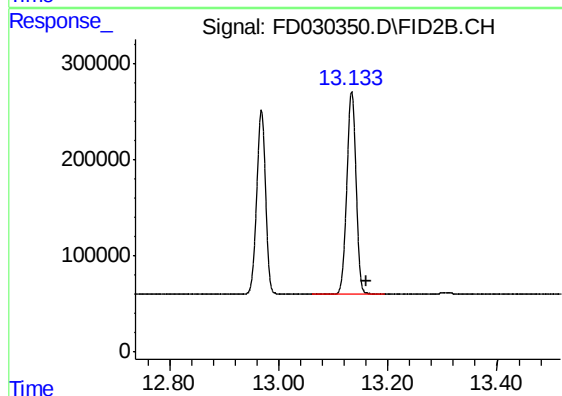
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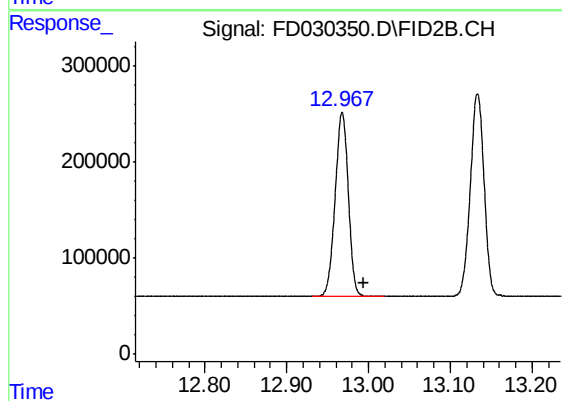
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.027 min
Response: 2514328
Conc: 19.37 ug/ml



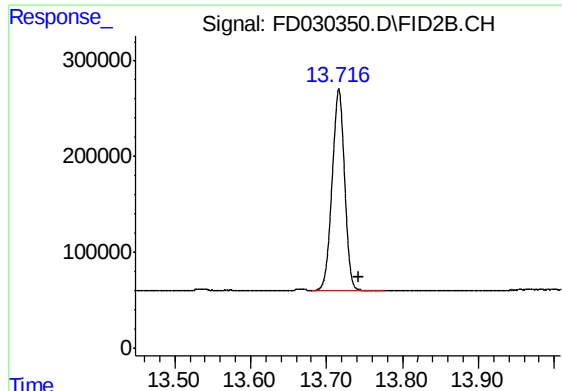
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: -0.027 min
Response: 2454200
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.027 min
Response: 2134762
Conc: 18.72 ug/ml



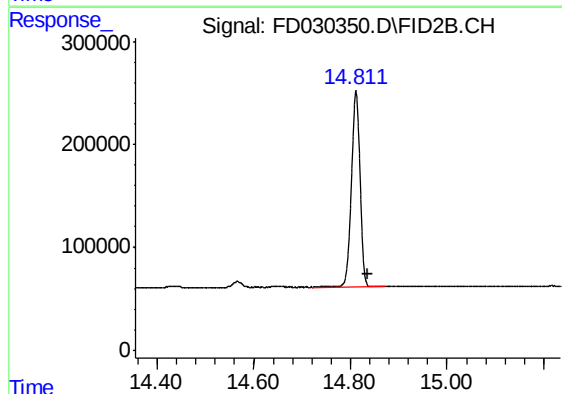
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.026 min
Response: 2403605
Conc: 18.41 ug/ml

Instrument :
FID_D
ClientSampleId :

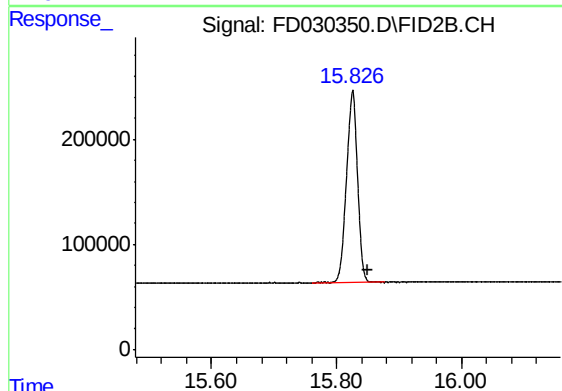
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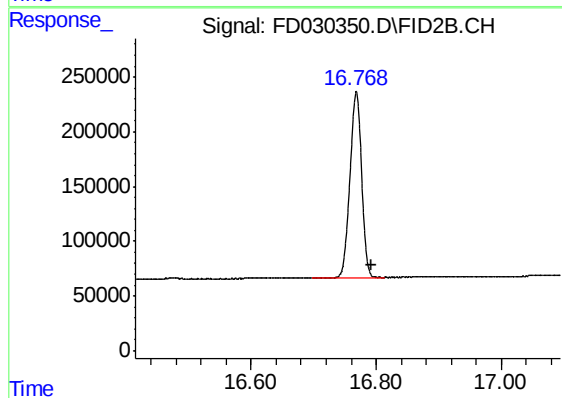
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.025 min
Response: 2337590
Conc: 17.81 ug/ml



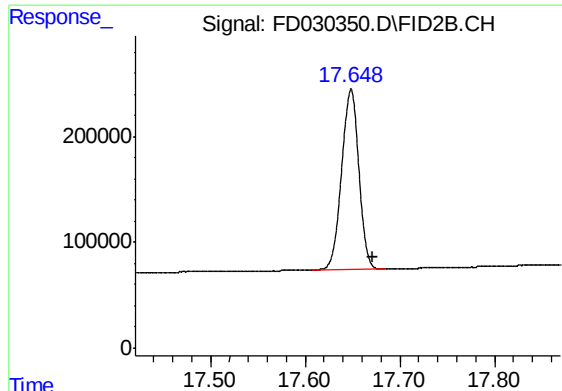
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: -0.025 min
Response: 2228602
Conc: 17.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: -0.024 min
Response: 2192502
Conc: 17.28 ug/ml



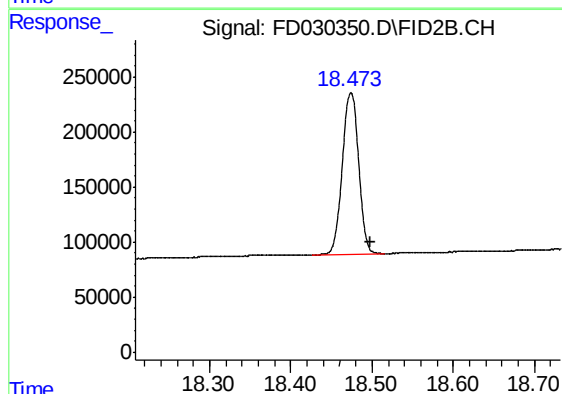
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: -0.024 min
Response: 2158368
Conc: 17.81 ug/ml m

Instrument :
FID_D
ClientSampleId :

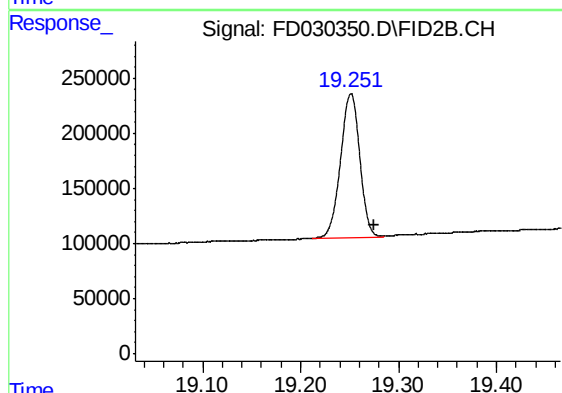
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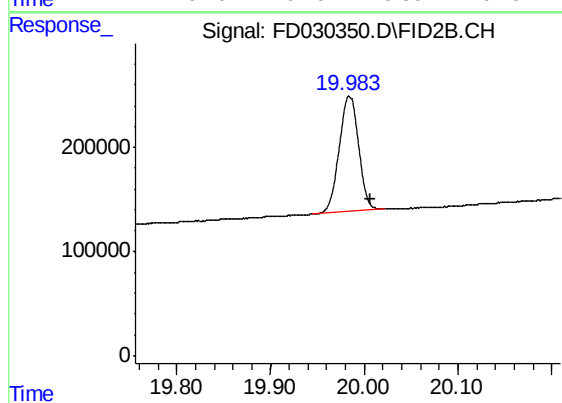
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.025 min
Response: 2046973
Conc: 18.26 ug/ml m



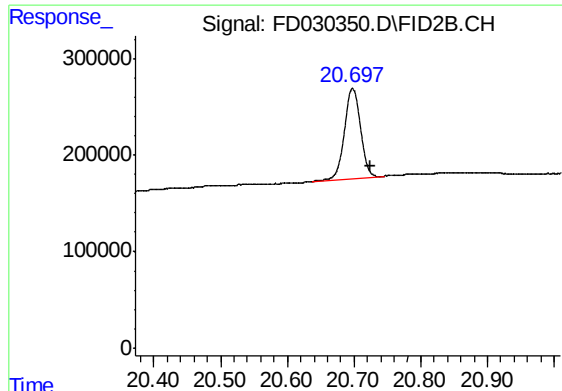
#19 n-Tetatriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.024 min
Response: 1792441
Conc: 20.22 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.983 min
Delta R.T.: -0.024 min
Response: 1590194
Conc: 21.40 ug/ml m



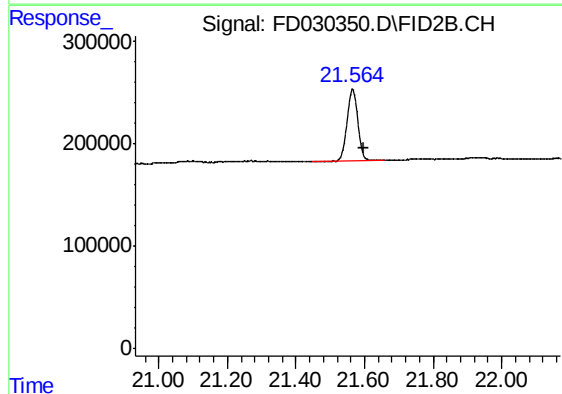
#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.027 min
Response: 1570695
Conc: 23.60 ug/ml m

Instrument :
FID_D
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.565 min
Delta R.T.: -0.034 min
Response: 1514821
Conc: 21.45 ug/ml