

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082919AL\
 Data File : FD030419.D
 Signal(s) : FID2B.CH
 Acq On : 30 Aug 2019 15:25
 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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 8/30/2019 5:52:01 PM

Integration File: autoint1.e
 Quant Time: Aug 30 16:04:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 30 01:42:39 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)	11.522	2797958	20.355 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
12) S 1-chlorooctadecane (S...	12.950	2257345	19.792 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.331	2725420	22.774 ug/ml
2) T n-Decane (C10)	4.390	2797314	23.002 ug/ml
3) T A-Naphthalene (C11.7)	5.966	3119107	22.656 ug/ml
4) T n-Dodecane (C12)	6.396	2802057	22.979 ug/ml
5) T A~2-methylnaphthalene...	7.017	3124108	22.589 ug/ml
6) T n-Tetradecane (C14)	8.182	2801697	22.714 ug/ml
7) T n-Hexadecane (C16)	9.774	2784041	22.296 ug/ml
8) T n-Octadecane (C18)	11.207	2723381	21.302 ug/ml
10) T n-Eicosane (C20)	12.508	2652428	20.430 ug/ml
11) T n-Heneicosane (C21)	13.115	2593768	19.972 ug/ml
13) T n-Docosane (C22)	13.698	2540941	19.460 ug/ml
14) T n-Tetracosane (C24)	14.793	2495065	19.010 ug/ml
15) T n-Hexacosane (C26)	15.807	2357115	18.275 ug/ml
16) T n-Octacosane (C28)	16.750	2318825	18.276 ug/ml
17) T n-Tricontane (C30)	17.630	2273349	18.760 ug/mlm
18) T n-Dotriacontane (C32)	18.456	2165752	19.315 ug/ml
19) T n-Tetratriacontane (C34)	19.232	1875780	21.156 ug/mlm
20) T n-Hexatriacontane (C36)	19.966	1661551	22.357 ug/mlm
21) T n-Octatriacontane (C38)	20.676	1563352	23.487 ug/mlm
22) T n-Tetracontane (C40)	21.535	1572460	22.261 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

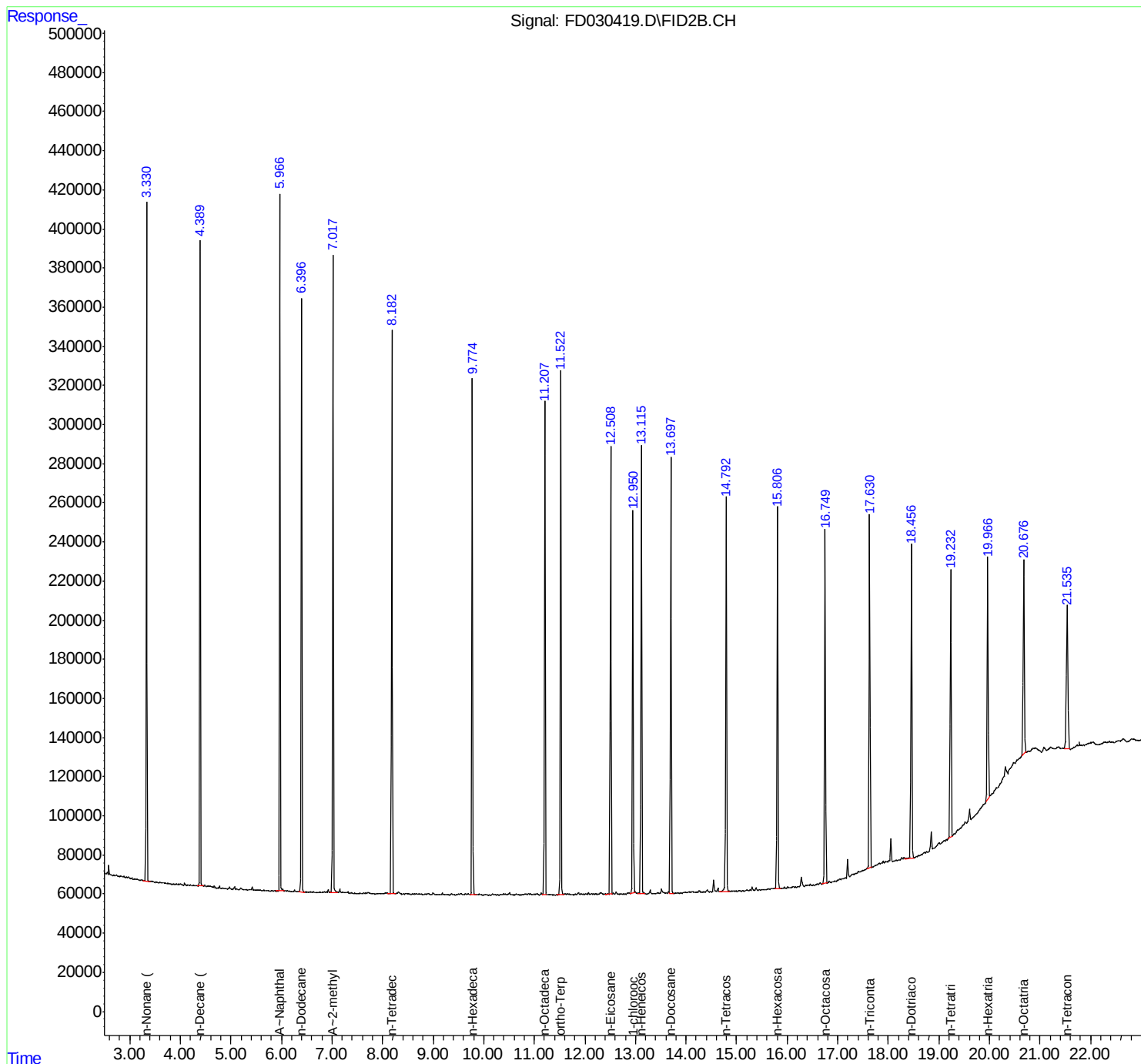
Instrument :
FID_D
ClientSampled :

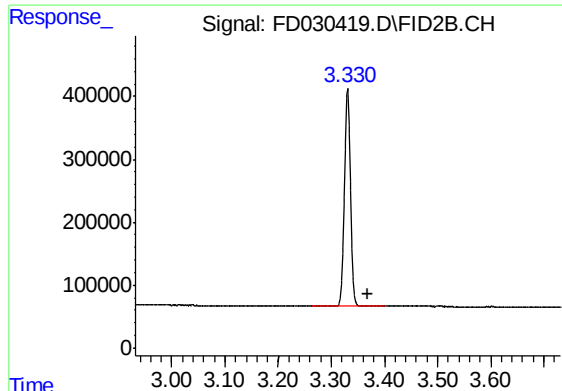
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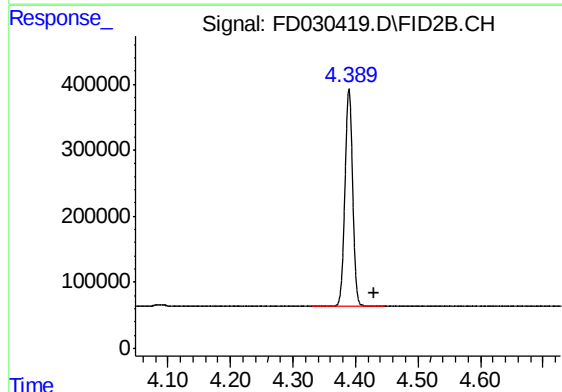
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.038 min
Response: 2725420
Conc: 22.77 ug/ml

Instrument :
FID_D
ClientSampleId :

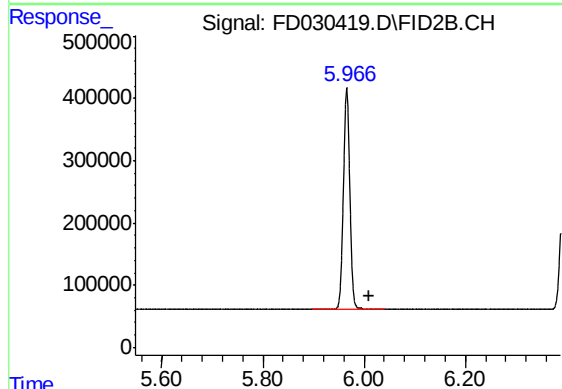
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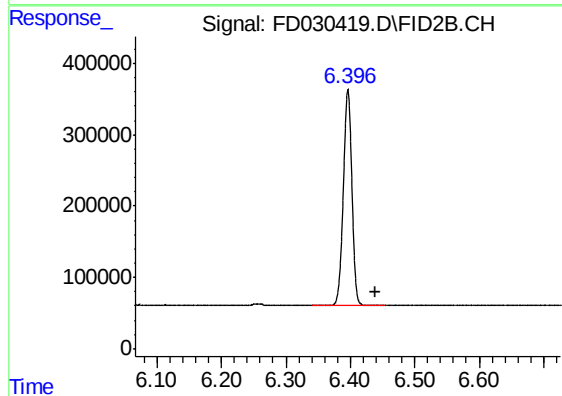
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.041 min
Response: 2797314
Conc: 23.00 ug/ml



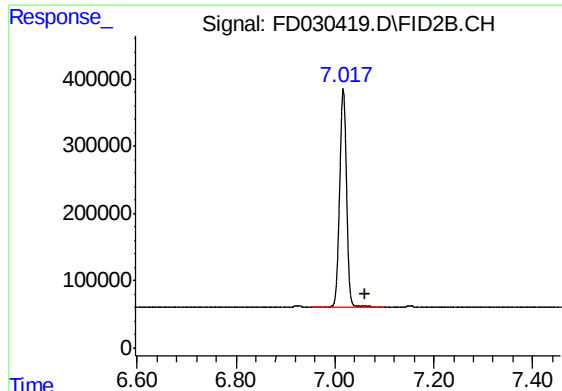
#3 A~Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.044 min
Response: 3119107
Conc: 22.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: -0.042 min
Response: 2802057
Conc: 22.98 ug/ml



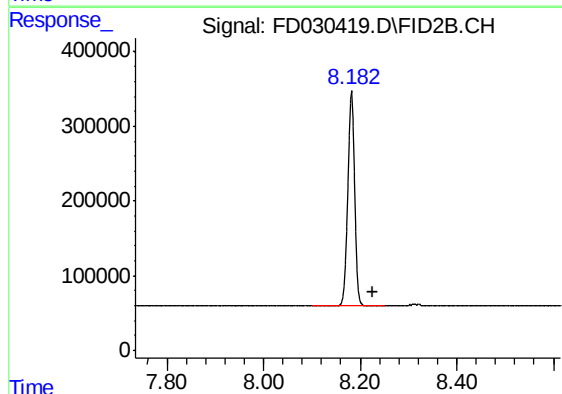
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.043 min
Response: 3124108
Conc: 22.59 ug/ml

Instrument :
FID_D
ClientSampleId :

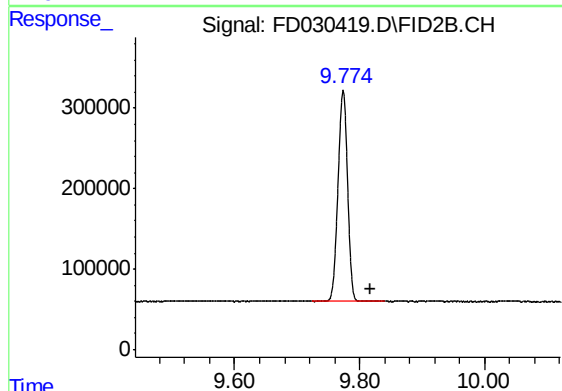
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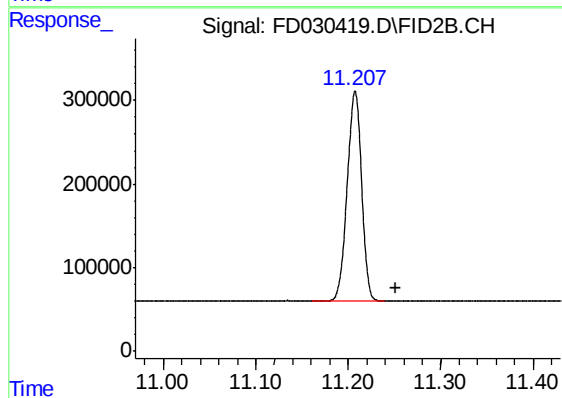
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.043 min
Response: 2801697
Conc: 22.71 ug/ml



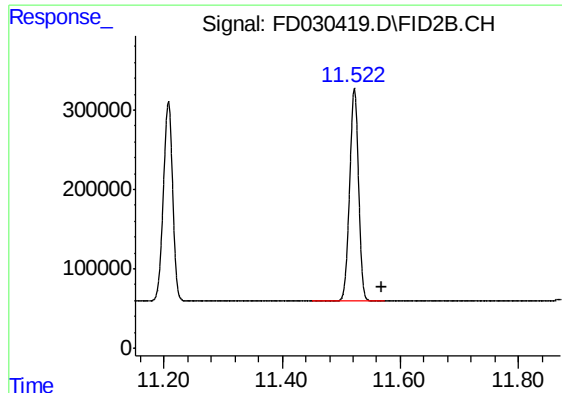
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.044 min
Response: 2784041
Conc: 22.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: -0.044 min
Response: 2723381
Conc: 21.30 ug/ml



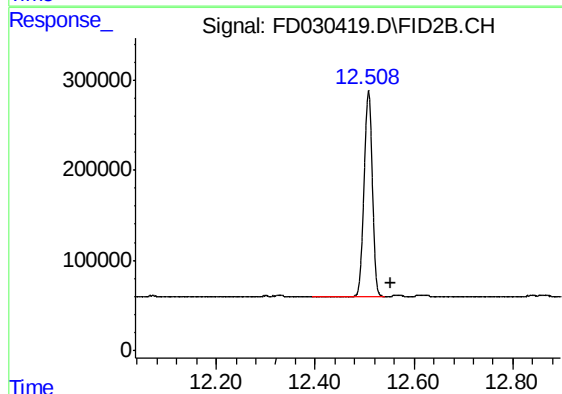
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.047 min
Response: 2797958
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampled :

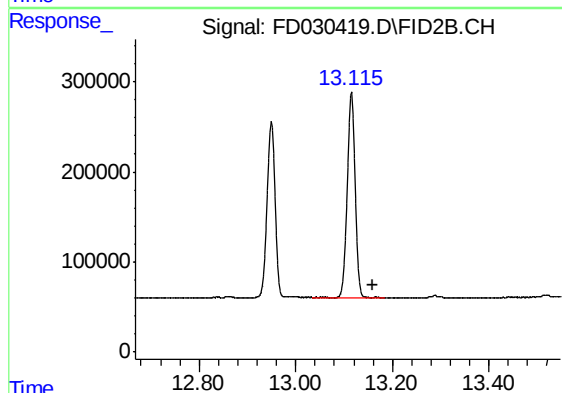
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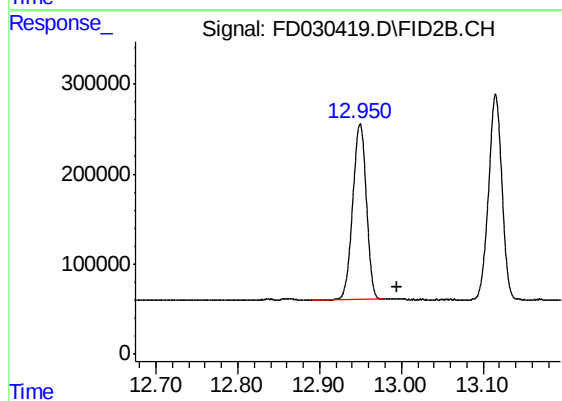
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.045 min
Response: 2652428
Conc: 20.43 ug/ml



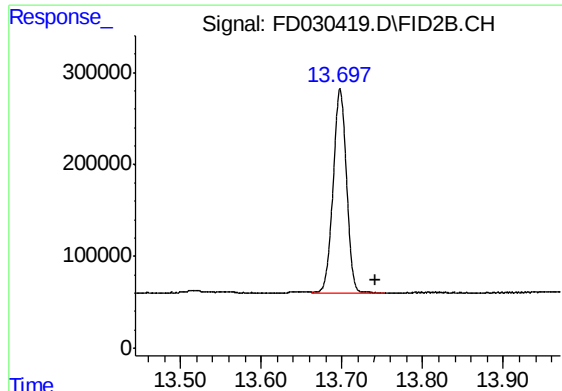
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: -0.045 min
Response: 2593768
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: -0.045 min
Response: 2257345
Conc: 19.79 ug/ml



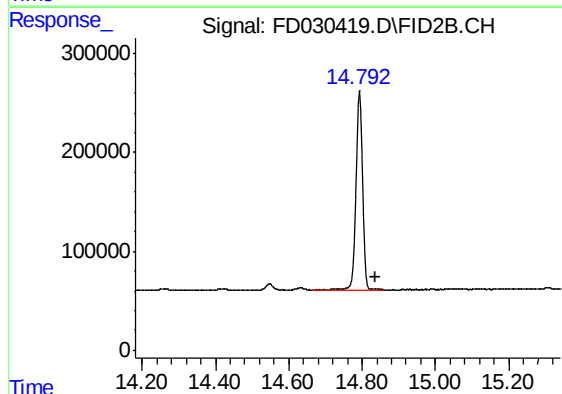
#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: -0.044 min
Response: 2540941
Conc: 19.46 ug/ml

Instrument :
FID_D
ClientSampleId :

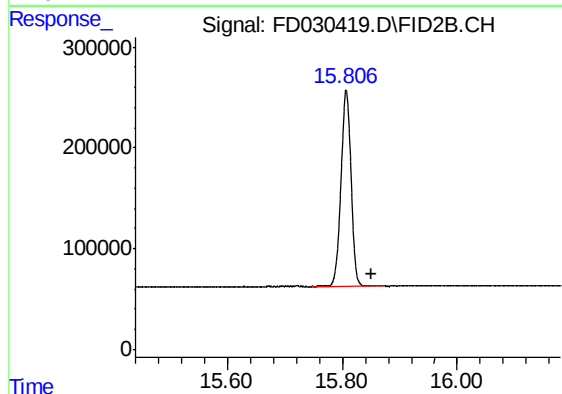
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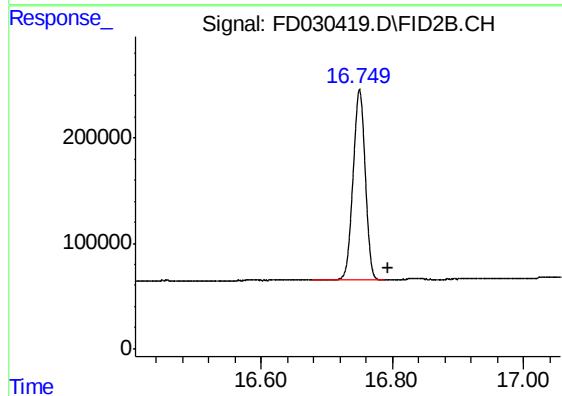
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.044 min
Response: 2495065
Conc: 19.01 ug/ml



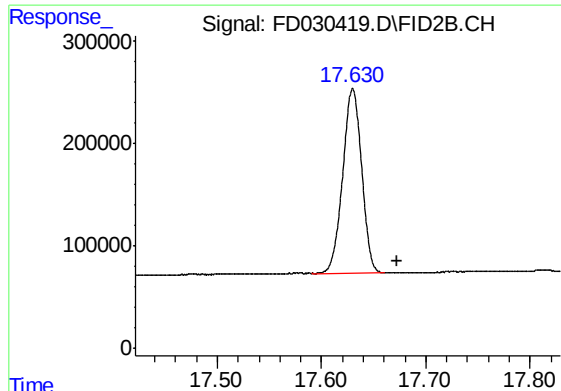
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.043 min
Response: 2357115
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.043 min
Response: 2318825
Conc: 18.28 ug/ml



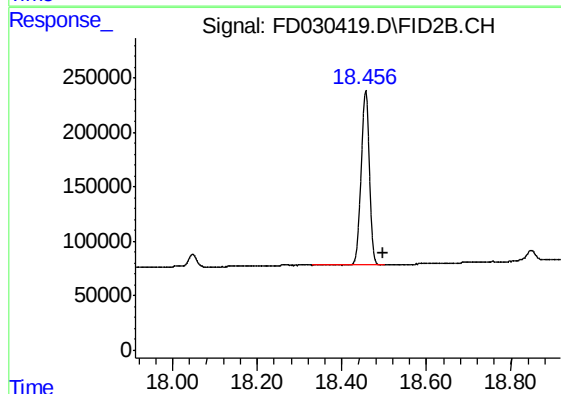
#17 n-Tricontane (C30)

R.T.: 17.630 min
Delta R.T.: -0.043 min
Response: 2273349
Conc: 18.76 ug/ml m

Instrument :
FID_D
ClientSampleId :

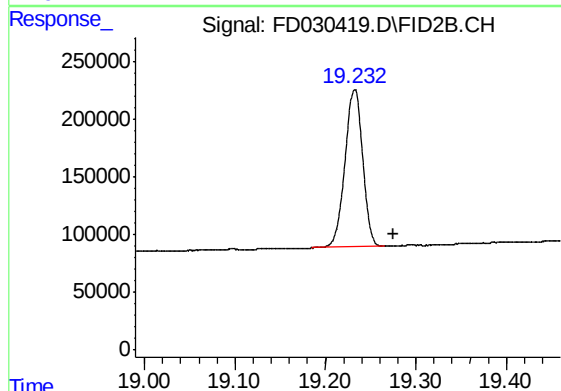
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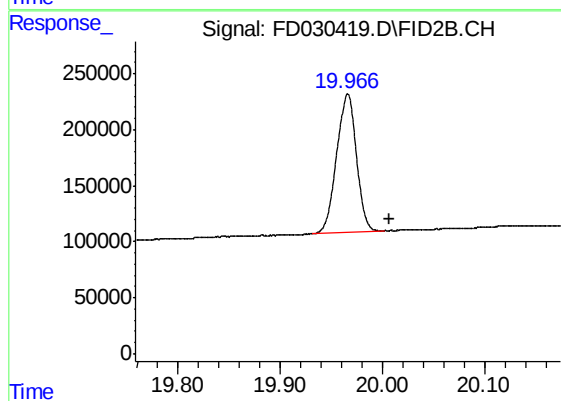
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.042 min
Response: 2165752
Conc: 19.31 ug/ml



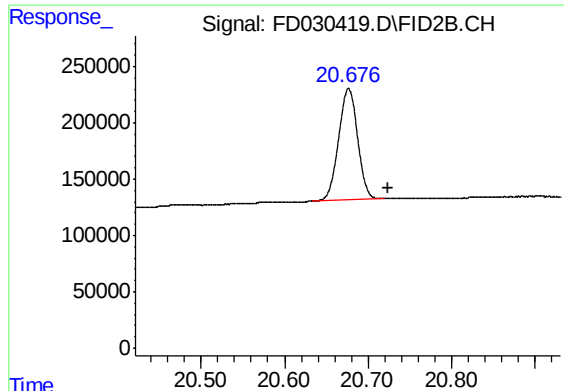
#19 n-Tetatriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.043 min
Response: 1875780
Conc: 21.16 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: -0.042 min
Response: 1661551
Conc: 22.36 ug/ml m



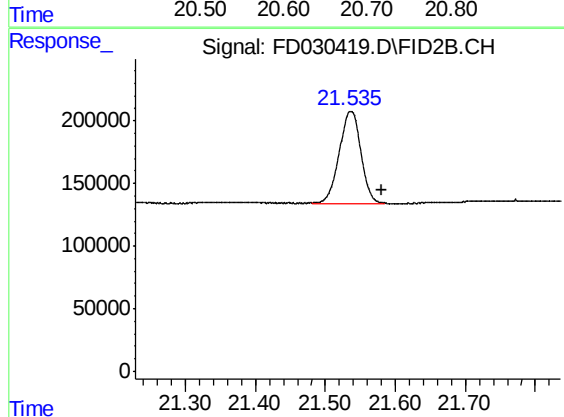
#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: -0.049 min
Response: 1563352
Conc: 23.49 ug/ml m

Instrument :
FID_D
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: -0.045 min
Response: 1572460
Conc: 22.26 ug/ml m