

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102721AL\
 Data File : FC056444.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2021 23:19
 Operator : AJ\MA
 Sample : PB140275BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140275BS

Manual Integrations
 APPROVED

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Integration File: autoint1.e
 Quant Time: Oct 28 02:13:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.625	5713452	46.144 ug/ml
Spiked Amount 50.000		Recovery =	92.29%
12) S 1-chlorooctadecane (S...	13.055	4506687	46.836 ug/ml
Spiked Amount 50.000		Recovery =	93.67%
Target Compounds			
1) T n-Nonane (C9)	3.394	4405704	40.705 ug/ml
2) T n-Decane (C10)	4.454	4819810	44.744 ug/ml
3) T A~Naphthalene (C11.7)	6.040	5420066	44.456 ug/ml
4) T n-Dodecane (C12)	6.468	5391725	48.909 ug/ml
5) T A~2-methylnaphthalene...	7.097	5487797	44.813 ug/ml
6) T n-Tetradecane (C14)	8.264	5871278	52.297 ug/ml
7) T n-Hexadecane (C16)	9.863	5970370	52.515 ug/ml
8) T n-Octadecane (C18)	11.304	6081978	52.046 ug/ml
10) T n-Eicosane (C20)	12.611	5762519	50.141 ug/ml
11) T n-Heneicosane (C21)	13.221	5641328	49.088 ug/ml
13) T n-Docosane (C22)	13.805	5502963	48.878 ug/ml
14) T n-Tetracosane (C24)	14.903	9960414	90.382 ug/ml
15) T n-Hexacosane (C26)	15.924	4997421	47.349 ug/ml
16) T n-Octacosane (C28)	16.868	4832848	46.592 ug/ml
17) T n-Tricontane (C30)	17.755	4598491	44.383 ug/ml
18) T n-Dotriacontane (C32)	18.581	4509489	47.068 ug/ml
19) T n-Tetratriacontane (C34)	19.362	4470427	50.969 ug/mlm
20) T n-Hexatriacontane (C36)	20.095	4201258	51.328 ug/ml
21) T n-Octatriacontane (C38)	20.832	4165463	52.084 ug/ml
22) T n-Tetracontane (C40)	21.749	4163449	50.534 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB140275BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

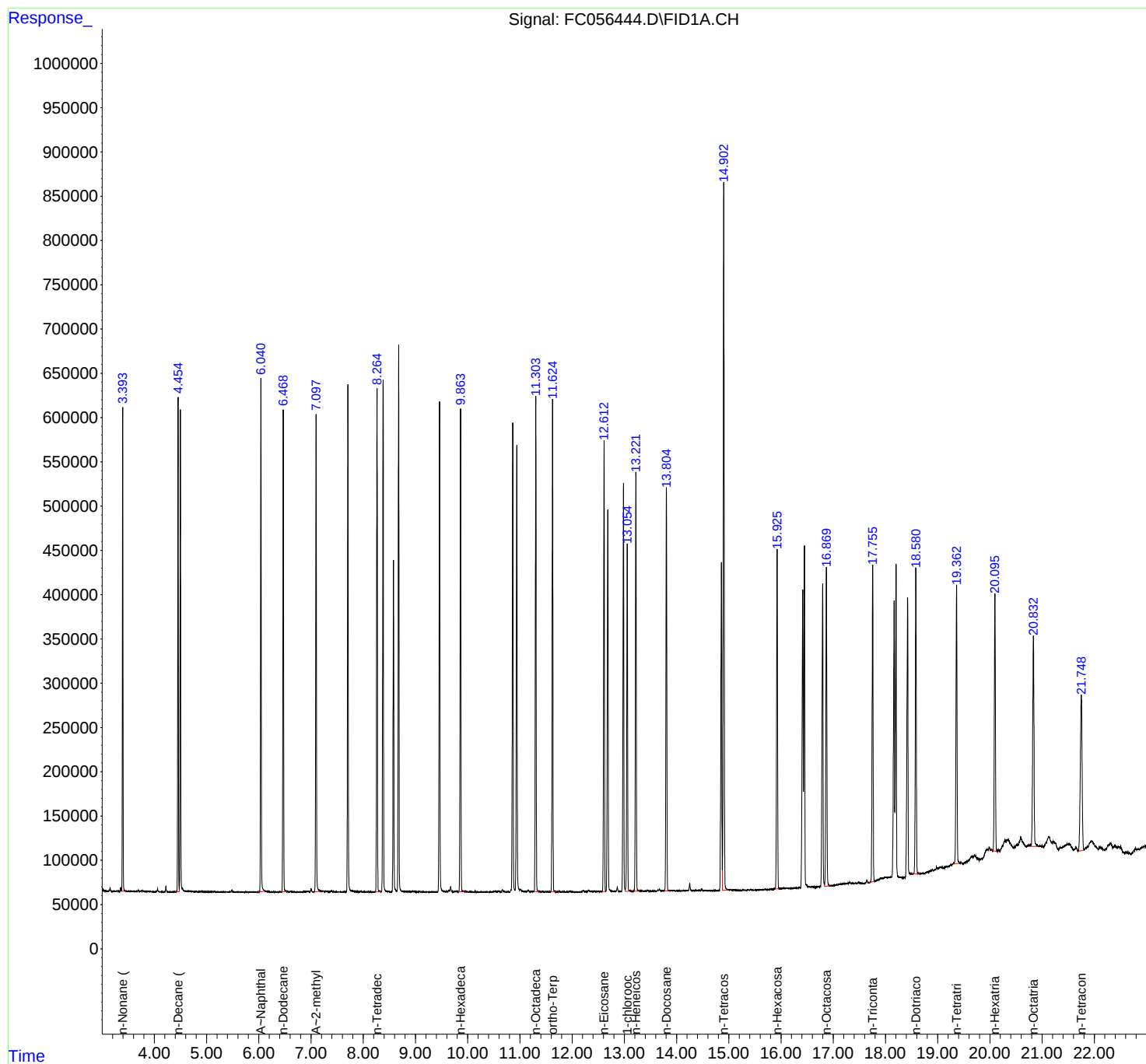
Instrument :
FID_C
ClientSampled :
PB140275BS

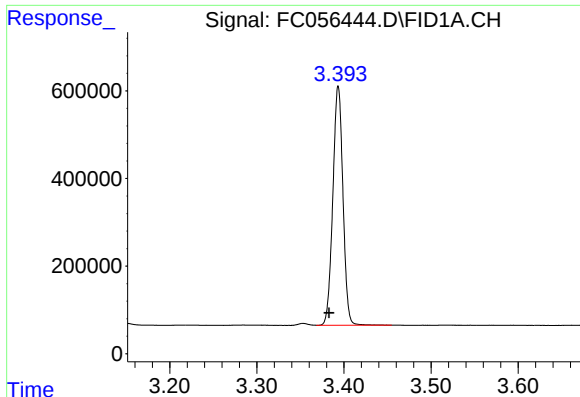
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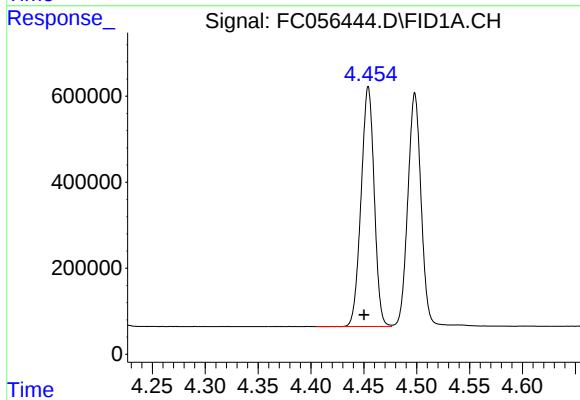
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: 0.010 min
Response: 4405704
Conc: 40.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB140275BS

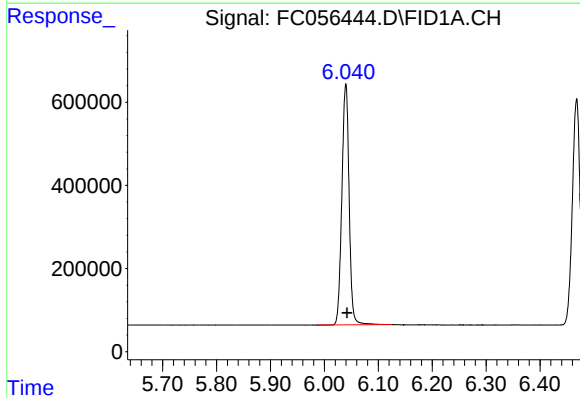
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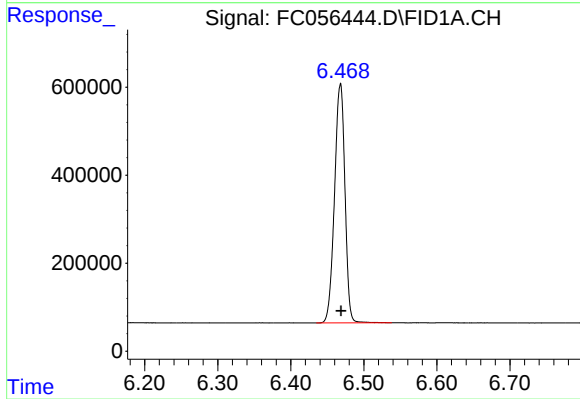
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.004 min
Response: 4819810
Conc: 44.74 ug/ml



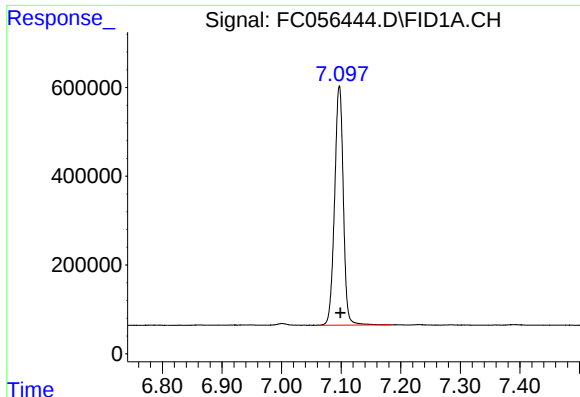
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 5420066
Conc: 44.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 5391725
Conc: 48.91 ug/ml



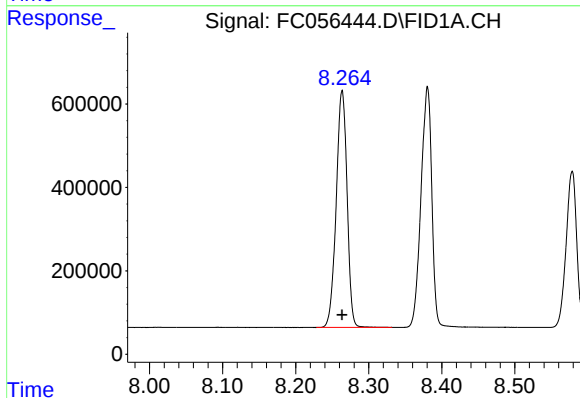
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 5487797
Conc: 44.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB140275BS

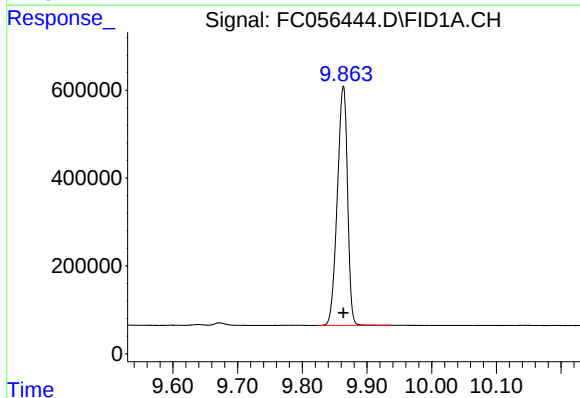
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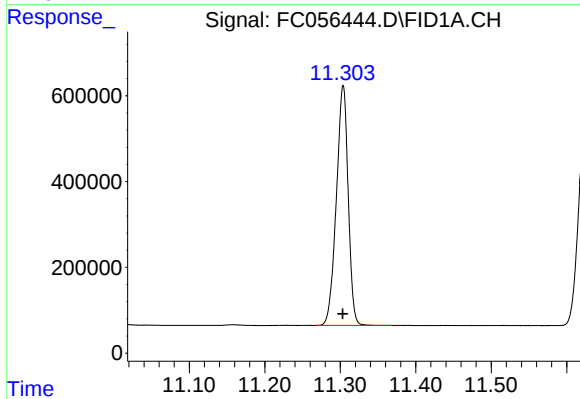
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 5871278
Conc: 52.30 ug/ml



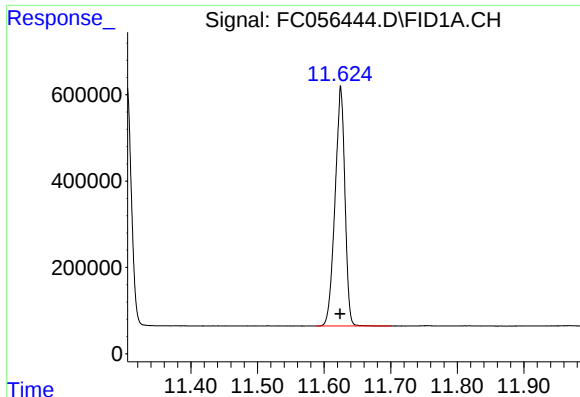
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: 0.000 min
Response: 5970370
Conc: 52.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 6081978
Conc: 52.05 ug/ml



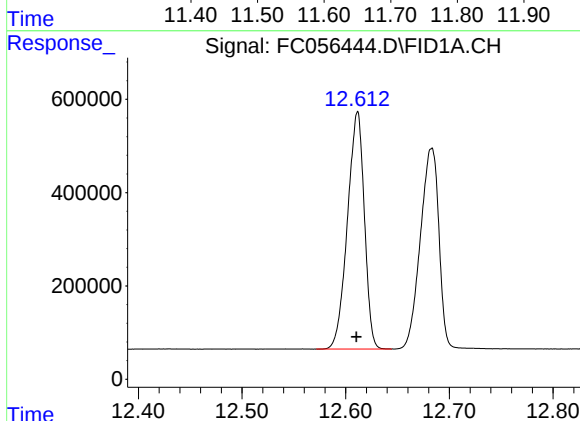
#9 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 5713452
Conc: 46.14 ug/ml

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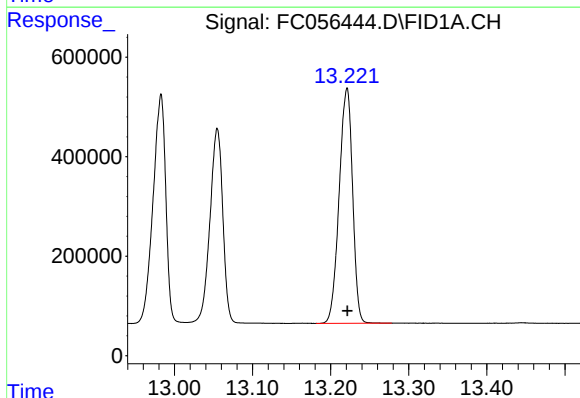
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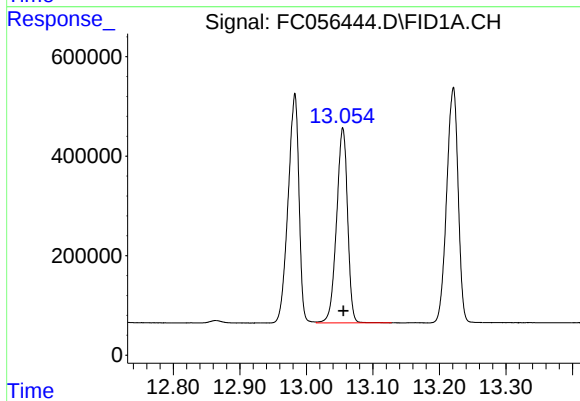
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: 0.000 min
Response: 5762519
Conc: 50.14 ug/ml



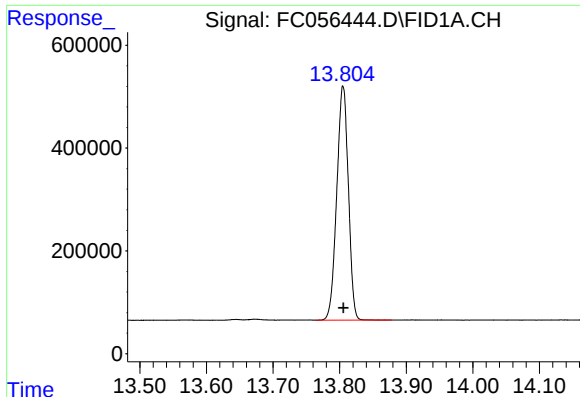
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: 0.000 min
Response: 5641328
Conc: 49.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.055 min
Delta R.T.: 0.000 min
Response: 4506687
Conc: 46.84 ug/ml



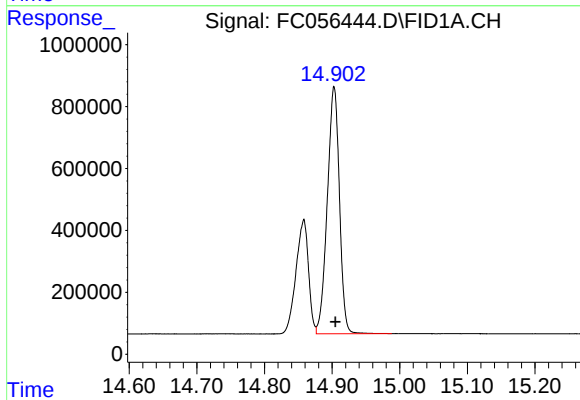
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: 0.000 min
Response: 5502963
Conc: 48.88 ug/ml

Instrument :
FID_C
ClientSampleId :
PB140275BS

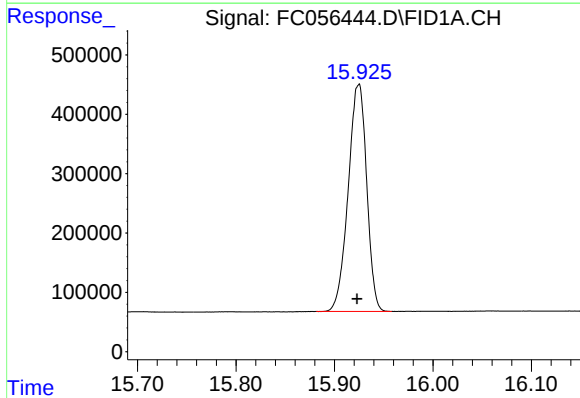
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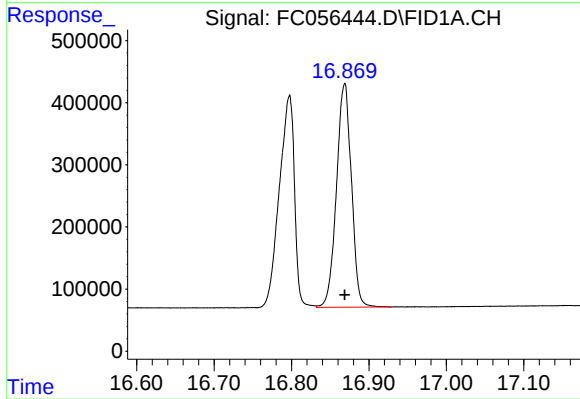
#14 n-Tetracosane (C24)

R.T.: 14.903 min
Delta R.T.: -0.002 min
Response: 9960414
Conc: 90.38 ug/ml



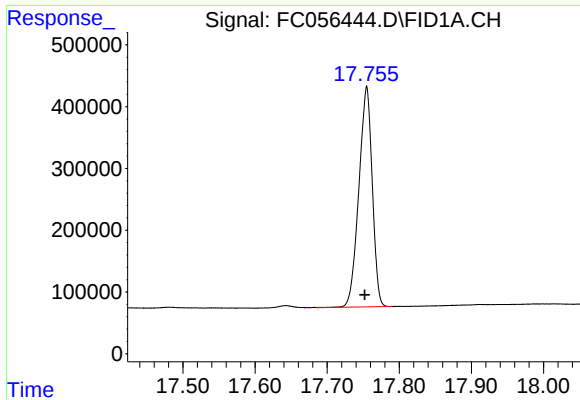
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: 0.002 min
Response: 4997421
Conc: 47.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: 0.000 min
Response: 4832848
Conc: 46.59 ug/ml



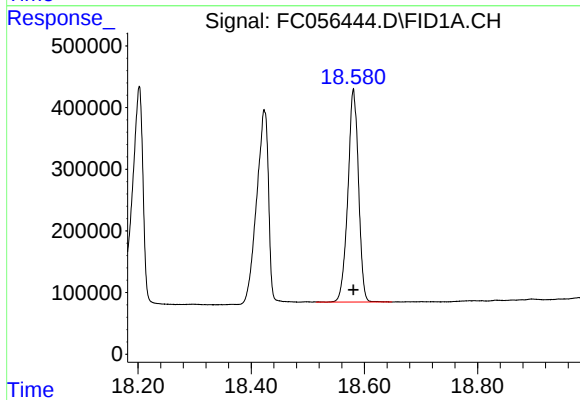
#17 n-Tricontane (C30)

R.T.: 17.755 min
Delta R.T.: 0.002 min
Response: 4598491
Conc: 44.38 ug/ml

Instrument :
FID_C
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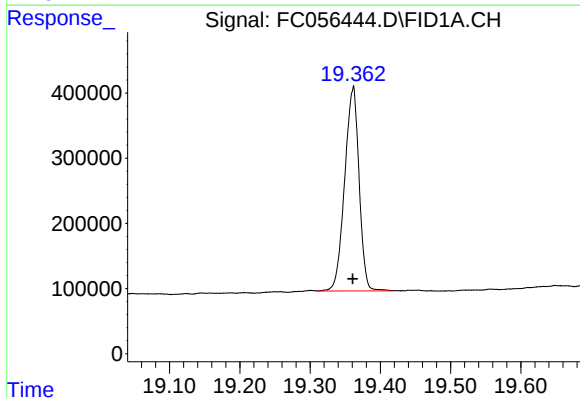
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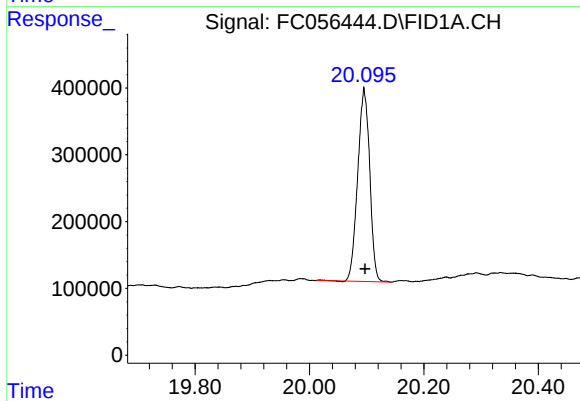
#18 n-Dotriacontane (C32)

R.T.: 18.581 min
Delta R.T.: 0.000 min
Response: 4509489
Conc: 47.07 ug/ml



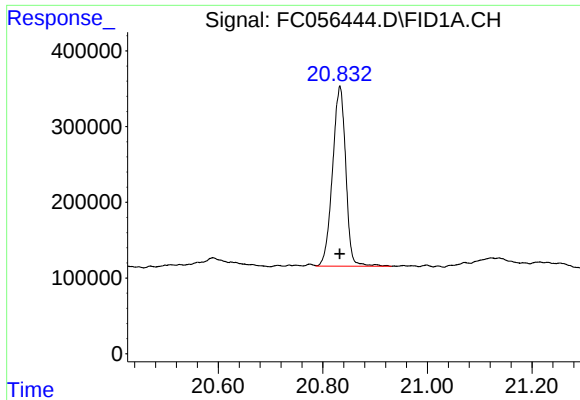
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: 0.001 min
Response: 4470427
Conc: 50.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.095 min
Delta R.T.: -0.001 min
Response: 4201258
Conc: 51.33 ug/ml



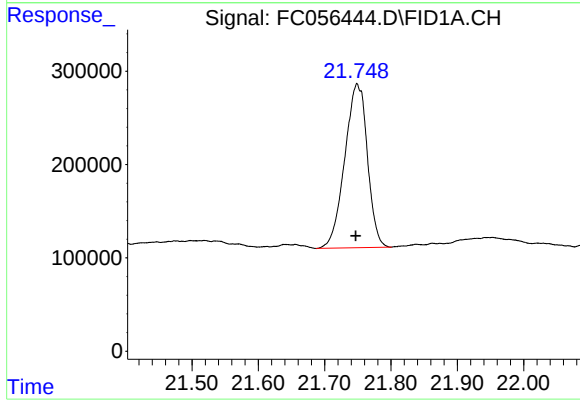
#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.000 min
Response: 4165463
Conc: 52.08 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.749 min
Delta R.T.: 0.003 min
Response: 4163449
Conc: 50.53 ug/ml