

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050322AL\
 Data File : FF010476.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2022 10:58
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 03 12:55:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF050322
 Quant Title : GC Extractables
 QLast Update : Tue May 03 12:52:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.865	12879815	95.762 ug/ml
Spiked Amount 50.000		Recovery =	191.52%
12) S 1-chlorooctadecane (S...	12.298	10240092	96.067 ug/ml
Spiked Amount 50.000		Recovery =	192.13%
Target Compounds			
1) T n-Nonane (C9)	2.720	11121498	95.074 ug/ml
2) T n-Decane (C10)	3.728	11081667	95.501 ug/ml
3) T A~Naphthalene (C11.7)	5.288	12598635	96.814 ug/ml
4) T n-Dodecane (C12)	5.715	11363101	96.081 ug/ml
5) T A~2-methylnaphthalene...	6.338	12800016	96.664 ug/ml
6) T n-Tetradecane (C14)	7.506	11503567	96.352 ug/ml
7) T n-Hexadecane (C16)	9.106	11671896	96.154 ug/ml
8) T n-Octadecane (C18)	10.548	11818935	95.762 ug/ml
10) T n-Eicosane (C20)	11.855	11761386	95.647 ug/ml
11) T n-Heneicosane (C21)	12.467	11784589	95.775 ug/ml
13) T n-Docosane (C22)	13.053	11743135	95.971 ug/ml
14) T n-Tetracosane (C24)	14.155	11542729	95.977 ug/ml
15) T n-Hexacosane (C26)	15.174	11158339	96.047 ug/ml
16) T n-Octacosane (C28)	16.122	10694886	96.004 ug/ml
17) T n-Tricontane (C30)	17.010	10148247	95.675 ug/ml
18) T n-Dotriacontane (C32)	17.839	9387186	93.476 ug/ml
19) T n-Tetratriacontane (C34)	18.620	8559495	94.579 ug/ml
20) T n-Hexatriacontane (C36)	19.356	7668878	93.214 ug/ml
21) T n-Octatriacontane (C38)	20.079	6887262	93.021 ug/ml
22) T n-Tetracontane (C40)	20.953	6605611	87.743 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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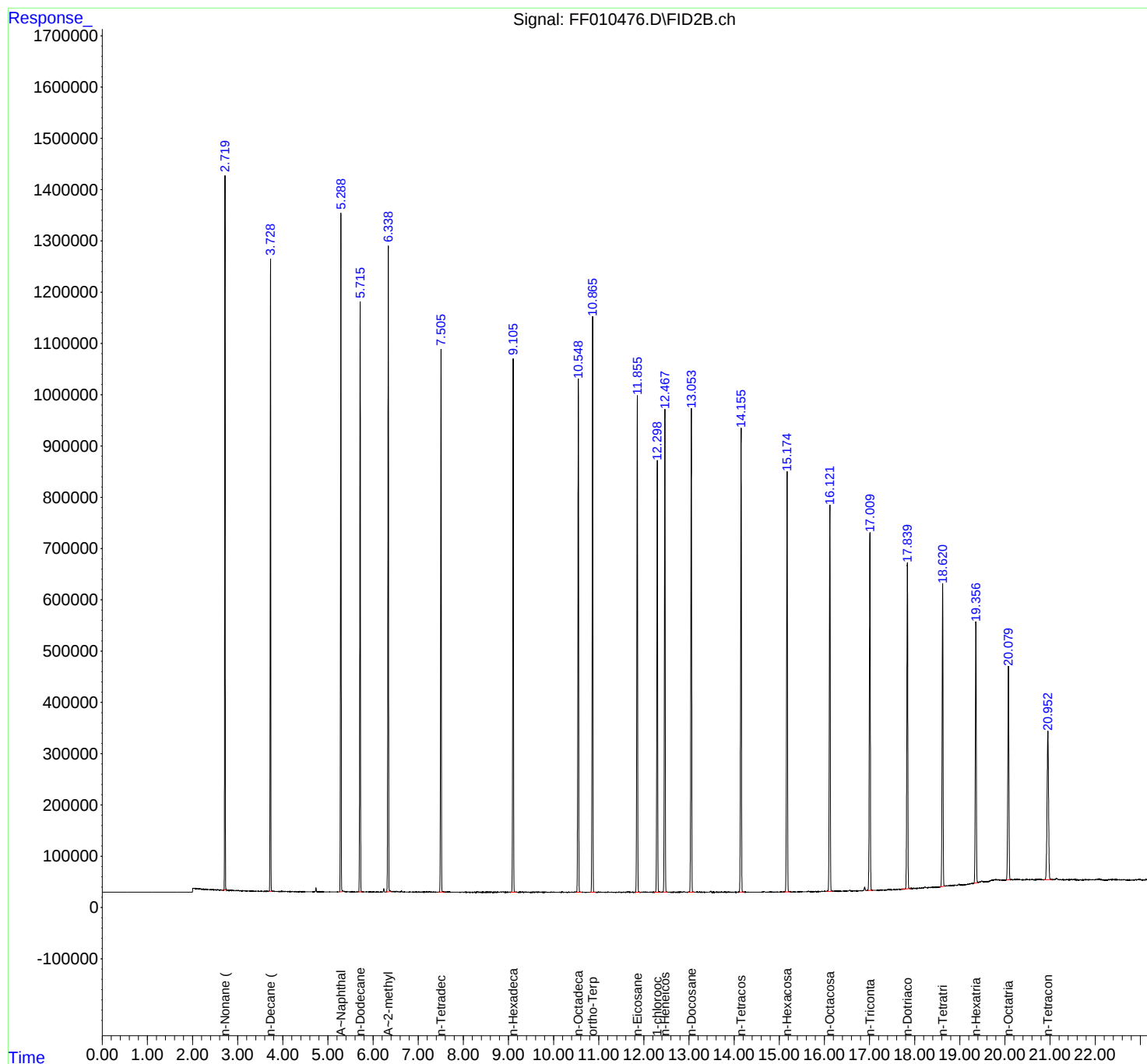
Instrument :
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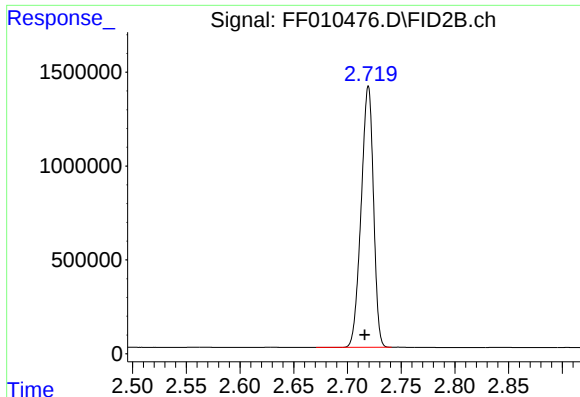
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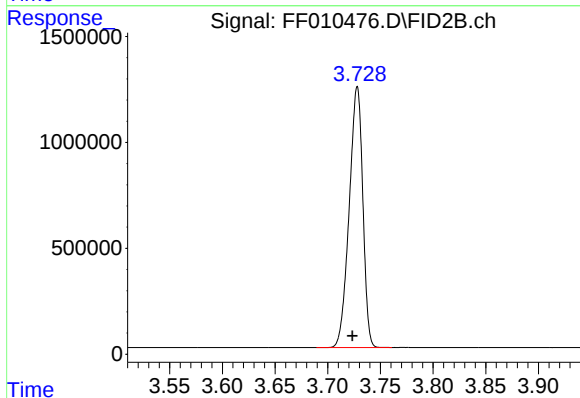
#1 n-Nonane (C9)

R.T.: 2.720 min
Delta R.T.: 0.004 min
Response: 11121498
Conc: 95.07 ug/ml

Instrument :
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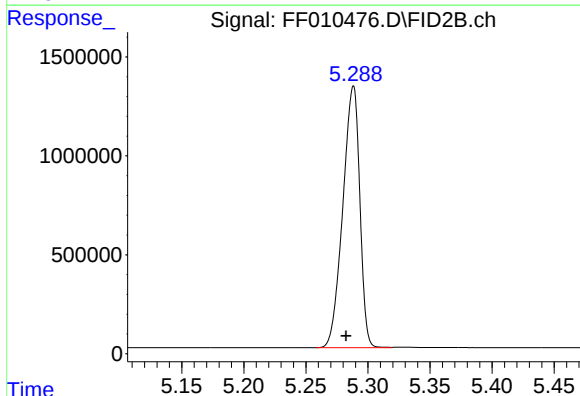
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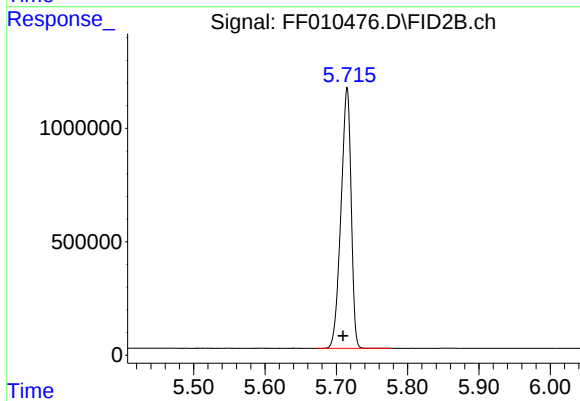
#2 n-Decane (C10)

R.T.: 3.728 min
Delta R.T.: 0.005 min
Response: 11081667
Conc: 95.50 ug/ml



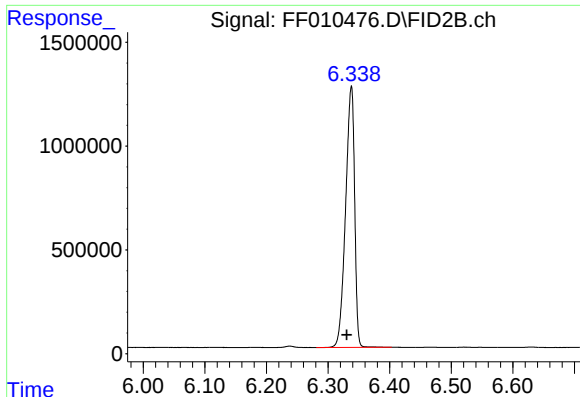
#3 A~Naphthalene (C11.7)

R.T.: 5.288 min
Delta R.T.: 0.006 min
Response: 12598635
Conc: 96.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.715 min
Delta R.T.: 0.006 min
Response: 11363101
Conc: 96.08 ug/ml



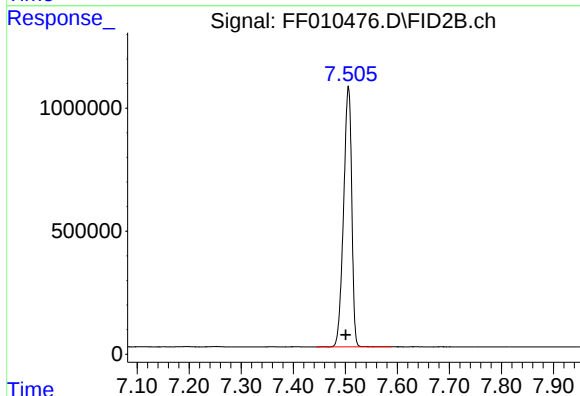
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.338 min
Delta R.T.: 0.008 min
Response: 12800016
Conc: 96.66 ug/ml

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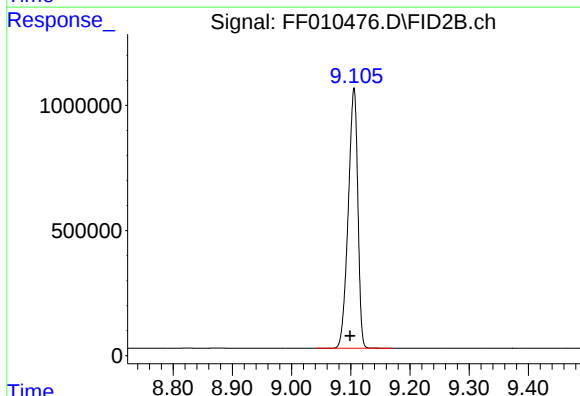
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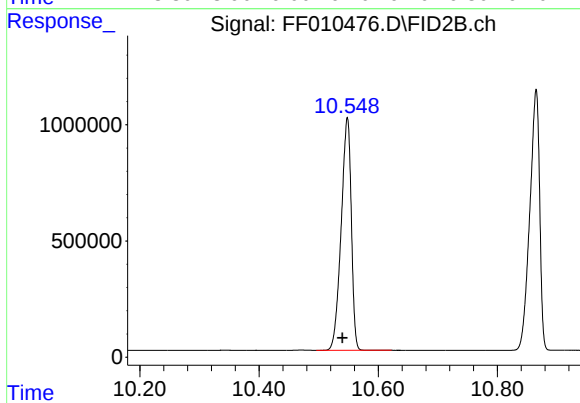
#6 n-Tetradecane (C14)

R.T.: 7.506 min
Delta R.T.: 0.005 min
Response: 11503567
Conc: 96.35 ug/ml



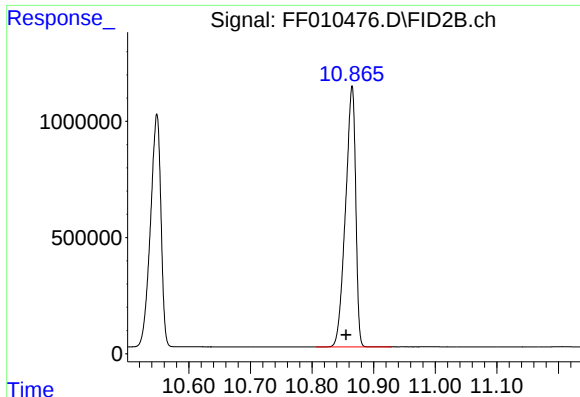
#7 n-Hexadecane (C16)

R.T.: 9.106 min
Delta R.T.: 0.007 min
Response: 11671896
Conc: 96.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.548 min
Delta R.T.: 0.008 min
Response: 11818935
Conc: 95.76 ug/ml



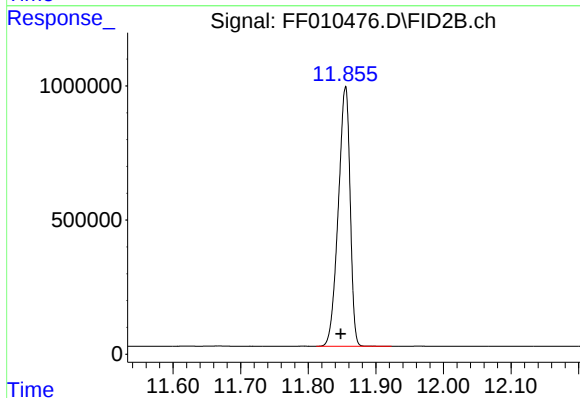
#9 ortho-Terphenyl (SURR)

R.T.: 10.865 min
Delta R.T.: 0.010 min
Response: 12879815
Conc: 95.76 ug/ml

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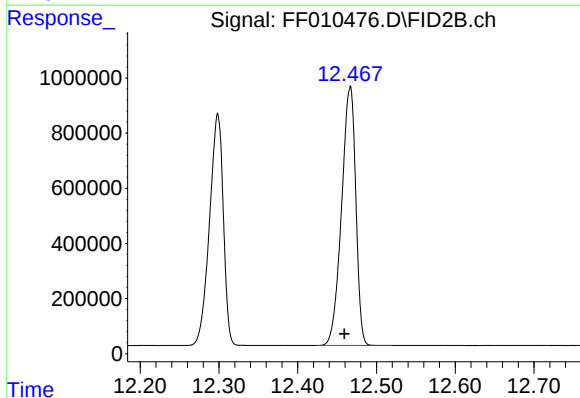
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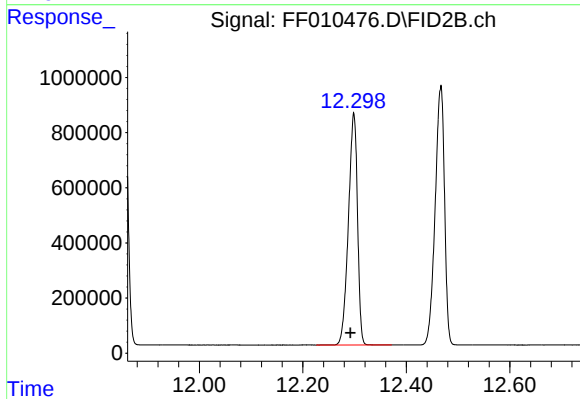
#10 n-Eicosane (C20)

R.T.: 11.855 min
Delta R.T.: 0.007 min
Response: 11761386
Conc: 95.65 ug/ml



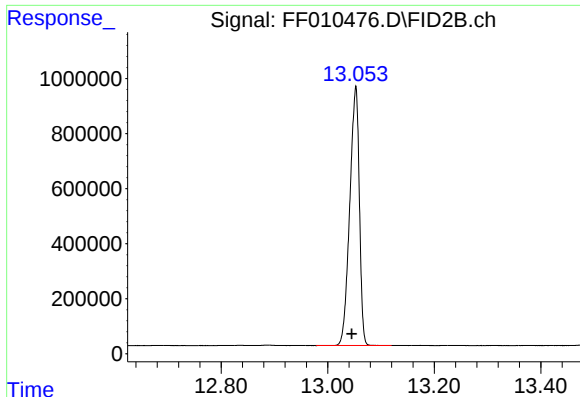
#11 n-Heneicosane (C21)

R.T.: 12.467 min
Delta R.T.: 0.008 min
Response: 11784589
Conc: 95.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.298 min
Delta R.T.: 0.006 min
Response: 10240092
Conc: 96.07 ug/ml



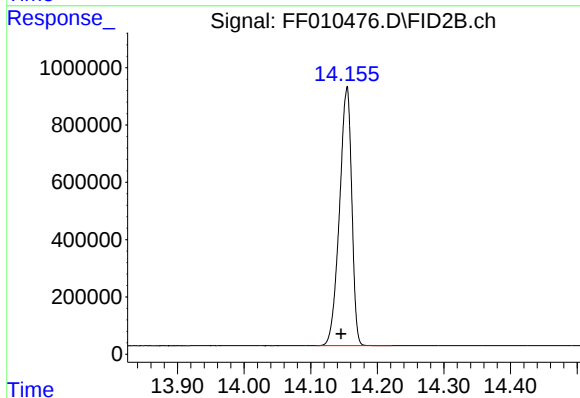
#13 n-Docosane (C22)

R.T.: 13.053 min
Delta R.T.: 0.008 min
Response: 11743135
Conc: 95.97 ug/ml

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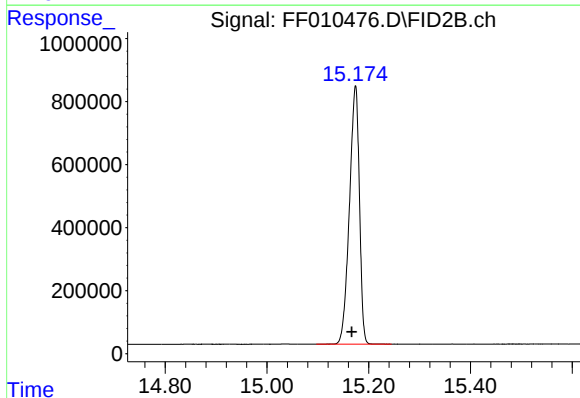
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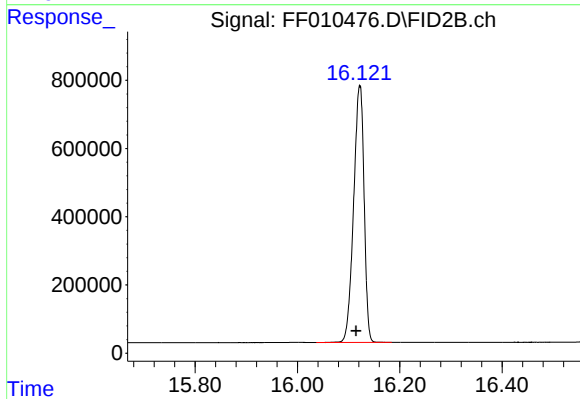
#14 n-Tetracosane (C24)

R.T.: 14.155 min
Delta R.T.: 0.009 min
Response: 11542729
Conc: 95.98 ug/ml



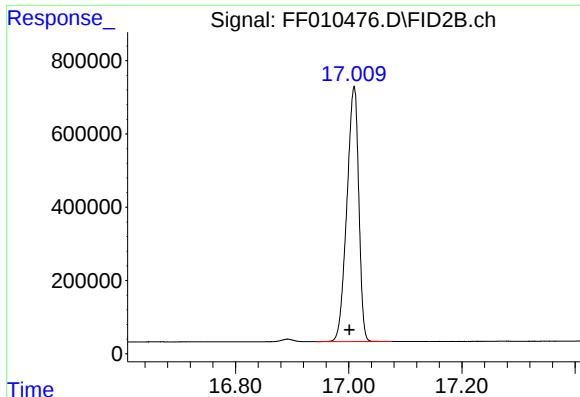
#15 n-Hexacosane (C26)

R.T.: 15.174 min
Delta R.T.: 0.008 min
Response: 11158339
Conc: 96.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.122 min
Delta R.T.: 0.008 min
Response: 10694886
Conc: 96.00 ug/ml



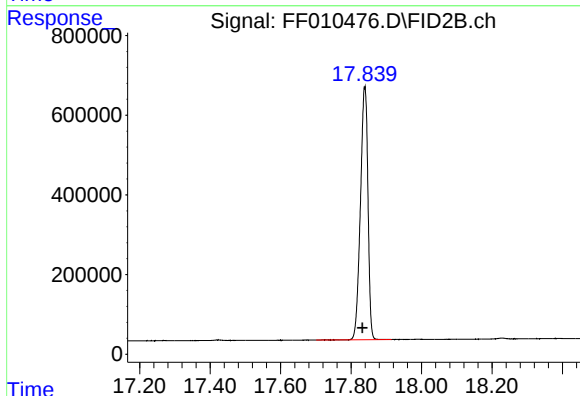
#17 n-Tricontane (C30)

R.T.: 17.010 min
Delta R.T.: 0.009 min
Response: 10148247
Conc: 95.67 ug/ml

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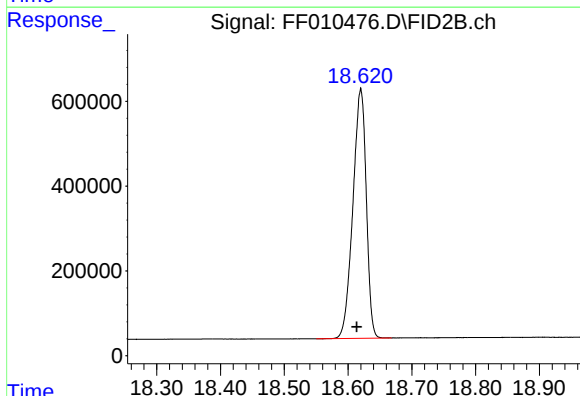
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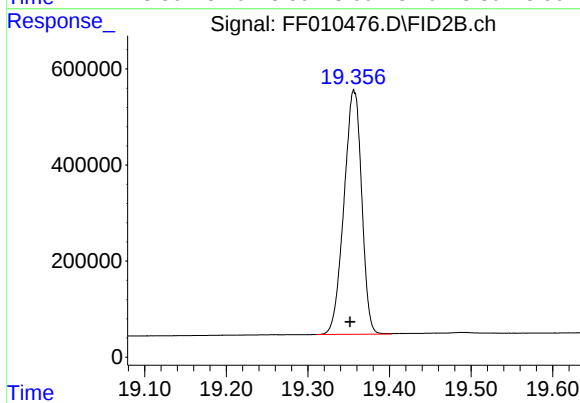
#18 n-Dotriacontane (C32)

R.T.: 17.839 min
Delta R.T.: 0.007 min
Response: 9387186
Conc: 93.48 ug/ml



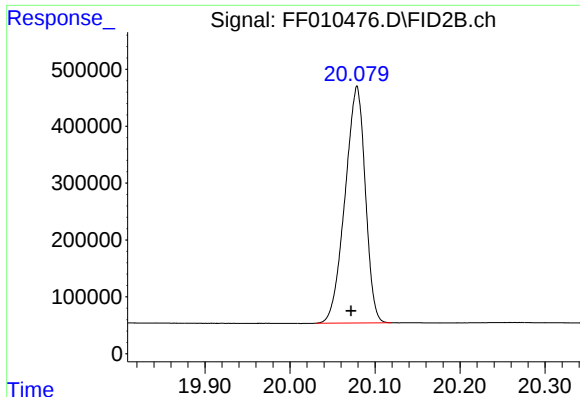
#19 n-Tetratriacontane (C34)

R.T.: 18.620 min
Delta R.T.: 0.006 min
Response: 8559495
Conc: 94.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.356 min
Delta R.T.: 0.005 min
Response: 7668878
Conc: 93.21 ug/ml



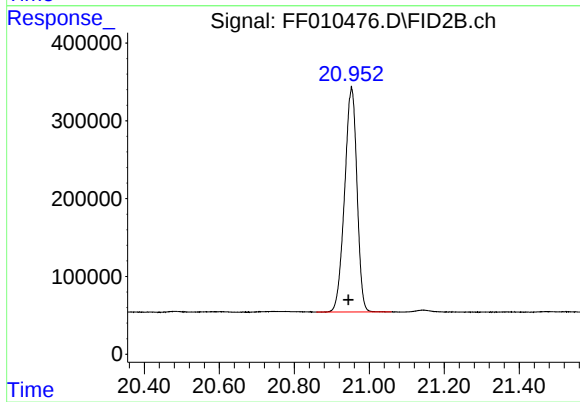
#21 n-Octatriacontane (C38)

R.T.: 20.079 min
Delta R.T.: 0.007 min
Response: 6887262
Conc: 93.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.953 min
Delta R.T.: 0.009 min
Response: 6605611
Conc: 87.74 ug/ml