

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040021.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 3:57
 Operator : AJ\MA
 Sample : PB141507BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141507BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 18 05:51:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.760	7212388	45.943 ug/ml
Spiked Amount 50.000		Recovery =	91.89%
12) S 1-chlorooctadecane (S...	12.194	5726227	46.369 ug/ml
Spiked Amount 50.000		Recovery =	92.74%
Target Compounds			
1) T n-Nonane (C9)	2.671	5323441	37.829 ug/ml
2) T n-Decane (C10)	3.666	5607746	39.317 ug/ml
3) T A~Naphthalene (C11.7)	5.209	6624743	41.269 ug/ml
4) T n-Dodecane (C12)	5.641	5865284	41.078 ug/ml
5) T A~2-methylnaphthalene...	6.253	6667300	41.315 ug/ml
6) T n-Tetradecane (C14)	7.425	6333045	43.940 ug/ml
7) T n-Hexadecane (C16)	9.015	6997871	48.103 ug/ml
8) T n-Octadecane (C18)	10.451	7174851	48.217 ug/ml
10) T n-Eicosane (C20)	11.755	7007043	47.911 ug/ml
11) T n-Heneicosane (C21)	12.363	6854548	46.655 ug/ml
13) T n-Docosane (C22)	12.948	6757611	46.276 ug/ml
14) T n-Tetracosane (C24)	14.045	6553405	44.996 ug/ml
15) T n-Hexacosane (C26)	15.064	6263903	44.660 ug/ml
16) T n-Octacosane (C28)	16.009	6140759	45.277 ug/ml
17) T n-Tricontane (C30)	16.895	5830059	44.615 ug/mlm
18) T n-Dotriacontane (C32)	17.724	5596629	44.969 ug/mlm
19) T n-Tetratriacontane (C34)	18.504	5161972	42.738 ug/mlm
20) T n-Hexatriacontane (C36)	19.242	4512697	39.240 ug/mlm
21) T n-Octatriacontane (C38)	19.955	4252321	38.096 ug/mlm
22) T n-Tetracontane (C40)	20.806	4218005	37.018 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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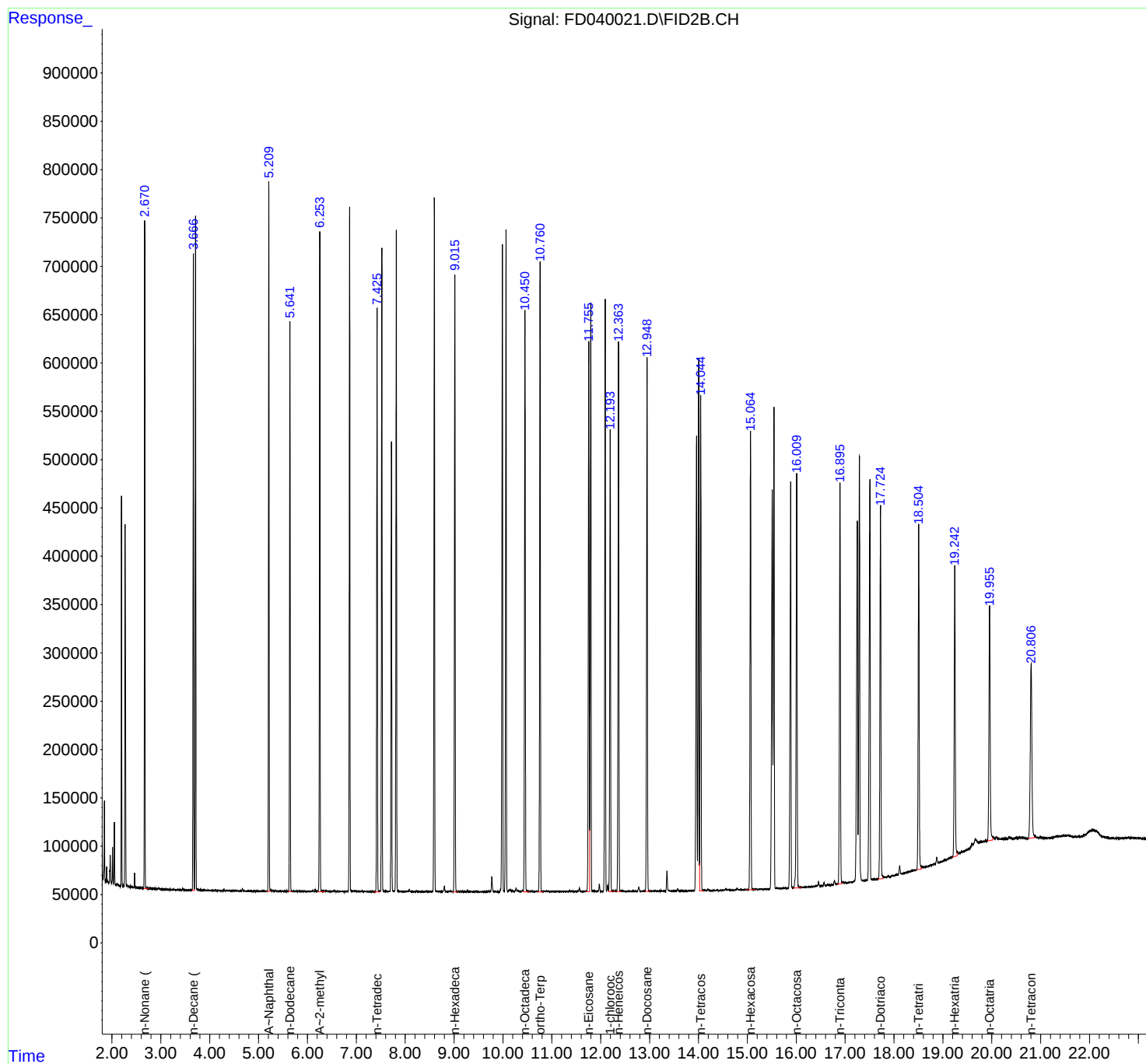
Instrument :
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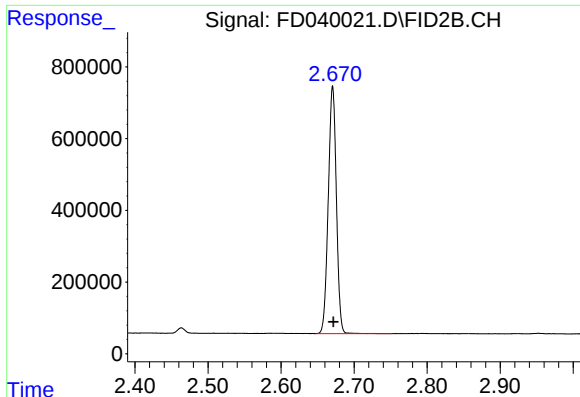
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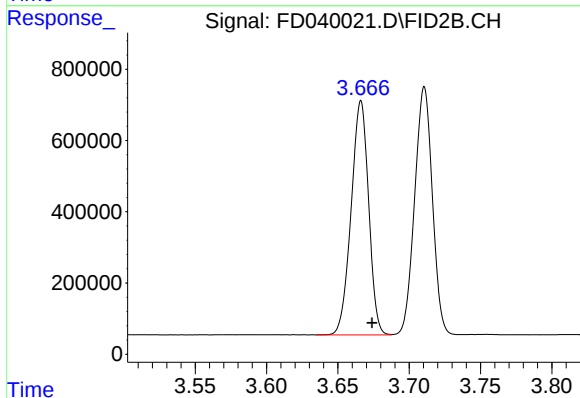
#1 n-Nonane (C9)

R.T.: 2.671 min
Delta R.T.: -0.001 min
Response: 5323441
Conc: 37.83 ug/ml

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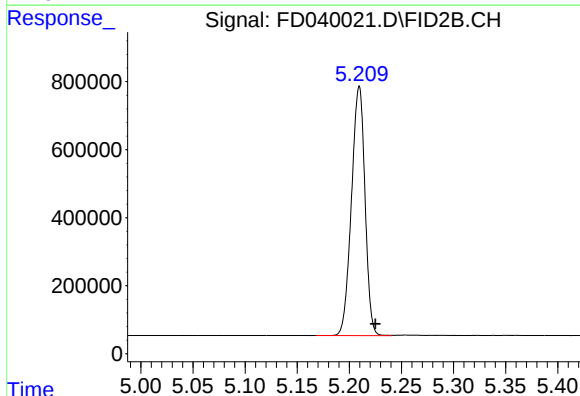
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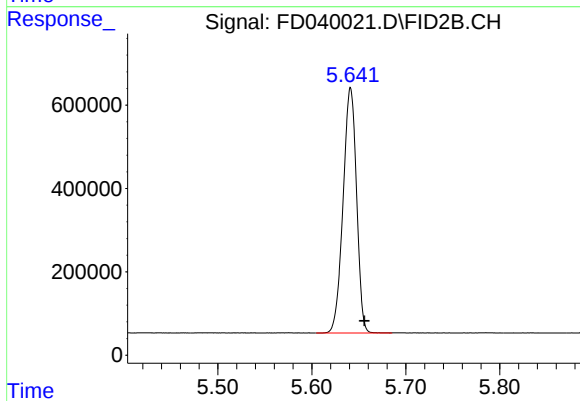
#2 n-Decane (C10)

R.T.: 3.666 min
Delta R.T.: -0.008 min
Response: 5607746
Conc: 39.32 ug/ml



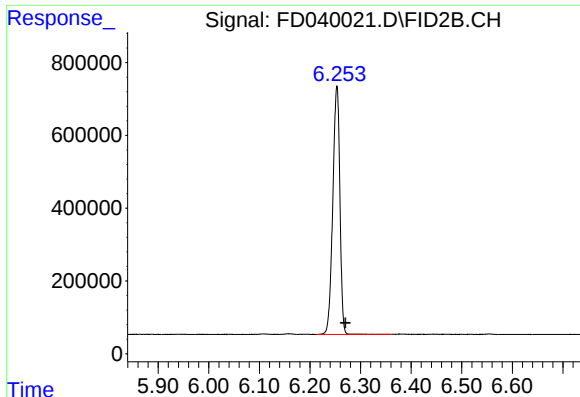
#3 A~Naphthalene (C11.7)

R.T.: 5.209 min
Delta R.T.: -0.016 min
Response: 6624743
Conc: 41.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.641 min
Delta R.T.: -0.015 min
Response: 5865284
Conc: 41.08 ug/ml



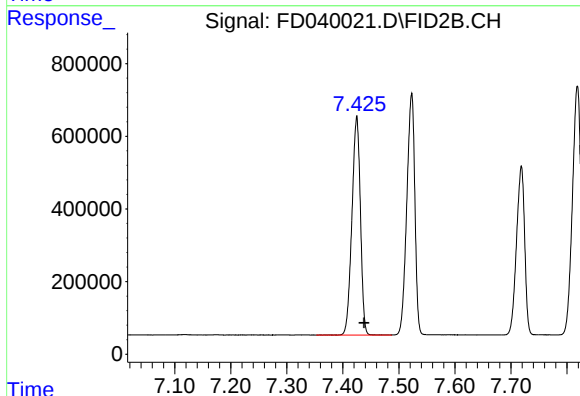
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.253 min
Delta R.T.: -0.017 min
Response: 6667300
Conc: 41.31 ug/ml

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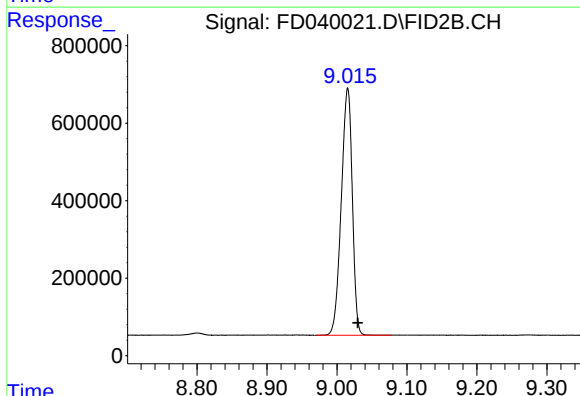
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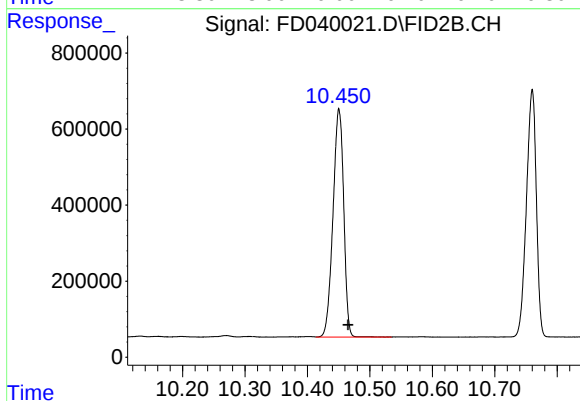
#6 n-Tetradecane (C14)

R.T.: 7.425 min
Delta R.T.: -0.013 min
Response: 6333045
Conc: 43.94 ug/ml



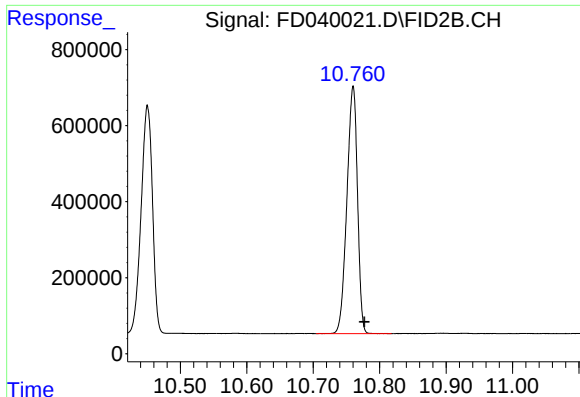
#7 n-Hexadecane (C16)

R.T.: 9.015 min
Delta R.T.: -0.015 min
Response: 6997871
Conc: 48.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.451 min
Delta R.T.: -0.014 min
Response: 7174851
Conc: 48.22 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.760 min
Delta R.T.: -0.017 min
Response: 7212388
Conc: 45.94 ug/ml

Instrument :

FID_D

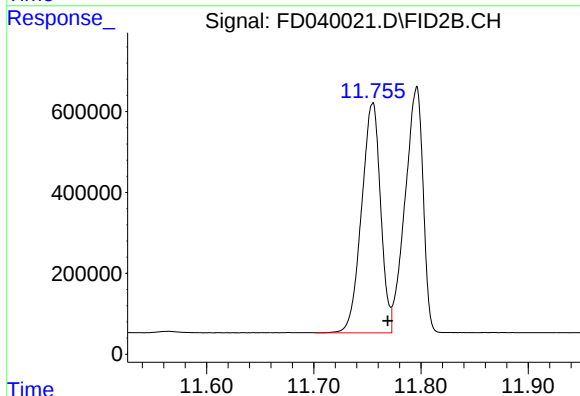
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Manual Integrations

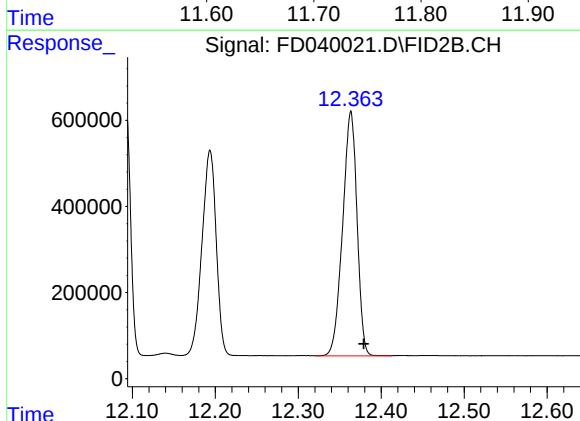
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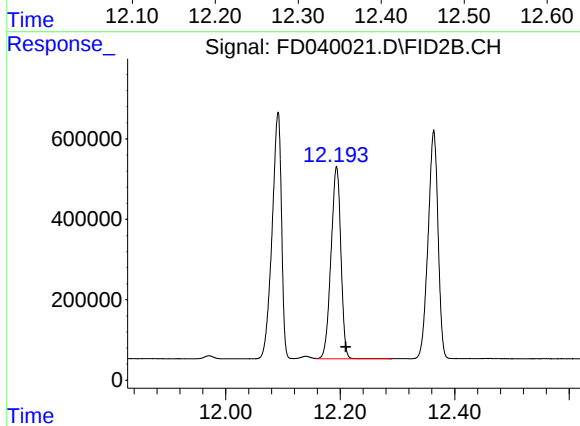
#10 n-Eicosane (C20)

R.T.: 11.755 min
Delta R.T.: -0.014 min
Response: 7007043
Conc: 47.91 ug/ml



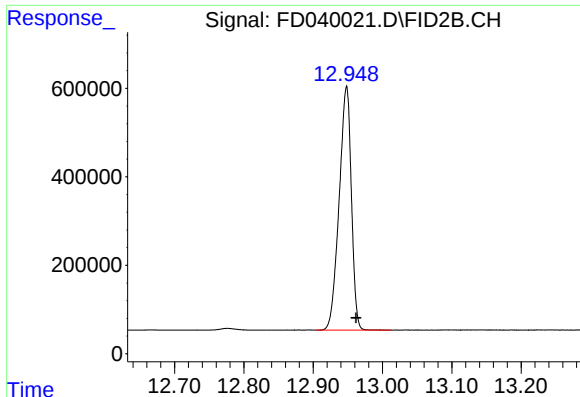
#11 n-Heneicosane (C21)

R.T.: 12.363 min
Delta R.T.: -0.016 min
Response: 6854548
Conc: 46.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.194 min
Delta R.T.: -0.016 min
Response: 5726227
Conc: 46.37 ug/ml



#13 n-Docosane (C22)

R.T.: 12.948 min
Delta R.T.: -0.014 min
Response: 6757611
Conc: 46.28 ug/ml

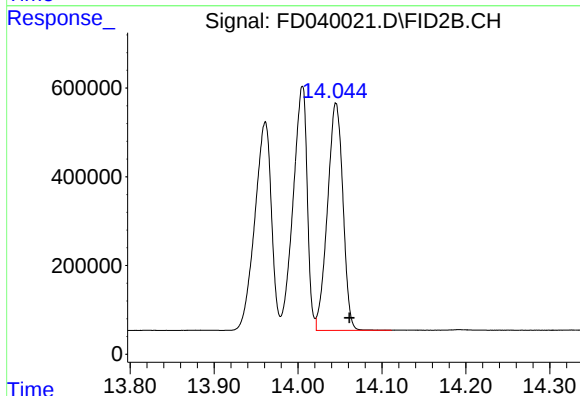
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FID_D

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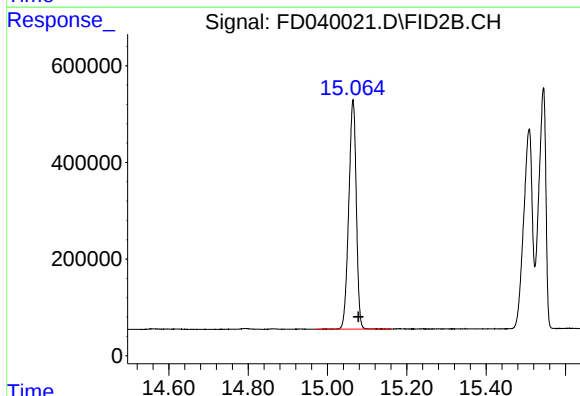
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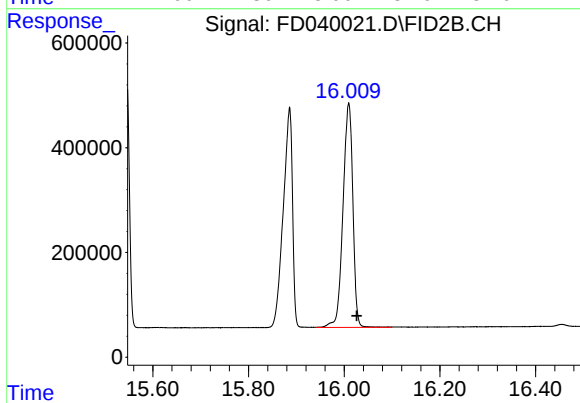
#14 n-Tetracosane (C24)

R.T.: 14.045 min
Delta R.T.: -0.016 min
Response: 6553405
Conc: 45.00 ug/ml



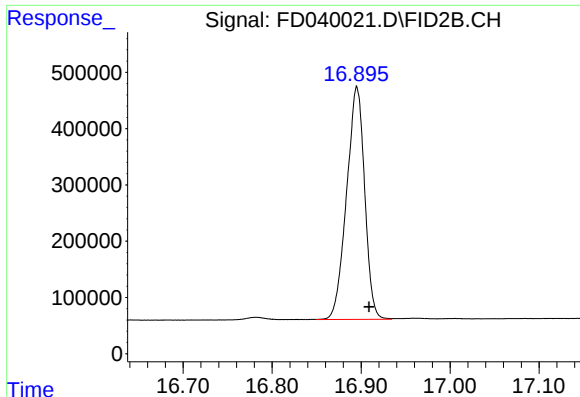
#15 n-Hexacosane (C26)

R.T.: 15.064 min
Delta R.T.: -0.014 min
Response: 6263903
Conc: 44.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.009 min
Delta R.T.: -0.017 min
Response: 6140759
Conc: 45.28 ug/ml



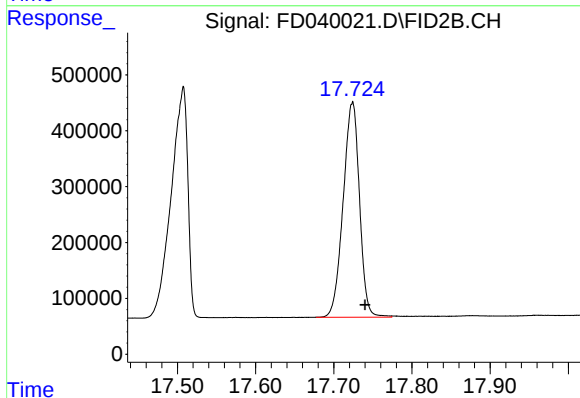
#17 n-Tricontane (C30)

R.T.: 16.895 min
Delta R.T.: -0.014 min
Response: 5830059
Conc: 44.62 ug/ml

Instrument :
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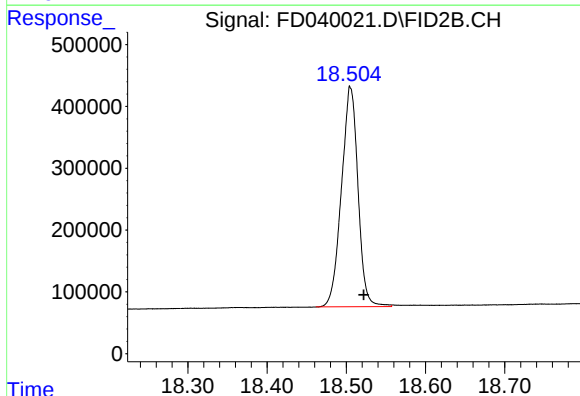
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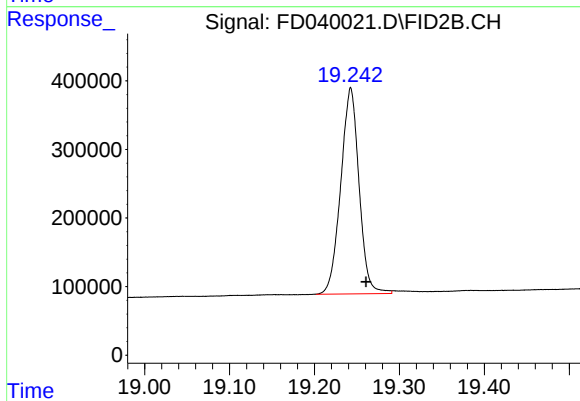
#18 n-Dotriacontane (C32)

R.T.: 17.724 min
Delta R.T.: -0.016 min
Response: 5596629
Conc: 44.97 ug/ml m



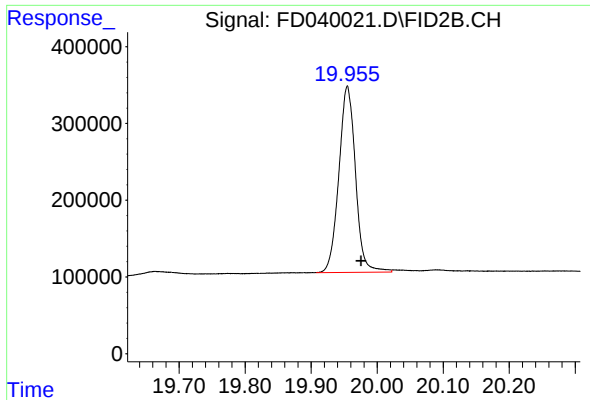
#19 n-Tetratriacontane (C34)

R.T.: 18.504 min
Delta R.T.: -0.018 min
Response: 5161972
Conc: 42.74 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.242 min
Delta R.T.: -0.019 min
Response: 4512697
Conc: 39.24 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.955 min
Delta R.T.: -0.021 min
Response: 4252321
Conc: 38.10 ug/ml

Instrument :

FID_D

ClientSampleId :

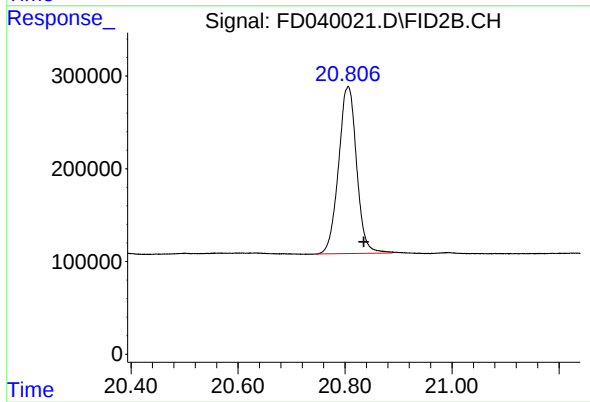
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#22 n-Tetracontane (C40)

R.T.: 20.806 min
Delta R.T.: -0.029 min
Response: 4218005
Conc: 37.02 ug/ml m