

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040260.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 16:07
 Operator : AJ\MA
 Sample : PB141625BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141625BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 00:47:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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			
12) S 1-chlorooctadecane (S...	12.147	2467738	20.462 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	2.640	2965473	22.598 ug/ml
2) T n-Decane (C10)	3.634	3624207	27.380 ug/ml
4) T n-Dodecane (C12)	5.607	4162975	31.346 ug/ml
6) T n-Tetradecane (C14)	7.385	4480688	32.409 ug/ml
7) T n-Hexadecane (C16)	8.975	4893738	35.690 ug/ml
8) T n-Octadecane (C18)	10.407	5199590	36.820 ug/ml
10) T n-Eicosane (C20)	11.709	5235051	37.445 ug/ml
11) T n-Heneicosane (C21)	12.318	5239826	37.034 ug/ml
13) T n-Docosane (C22)	12.901	5221075	37.203 ug/ml
14) T n-Tetracosane (C24)	13.998	5141077	36.616 ug/ml
15) T n-Hexacosane (C26)	15.013	4982475	36.235 ug/ml
16) T n-Octacosane (C28)	15.958	4797156	35.264 ug/ml
17) T n-Tricontane (C30)	16.841	4591326	34.308 ug/ml
18) T n-Dotriacontane (C32)	17.669	4309788	33.295 ug/ml
19) T n-Tetratriacontane (C34)	18.448	4076351	33.621 ug/mlm
20) T n-Hexatriacontane (C36)	19.185	3717979	34.888 ug/mlm
21) T n-Octatriacontane (C38)	19.889	3469036	37.565 ug/mlm
22) T n-Tetracontane (C40)	20.718	3382291	43.438 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 55 Sample Multiplier: 1

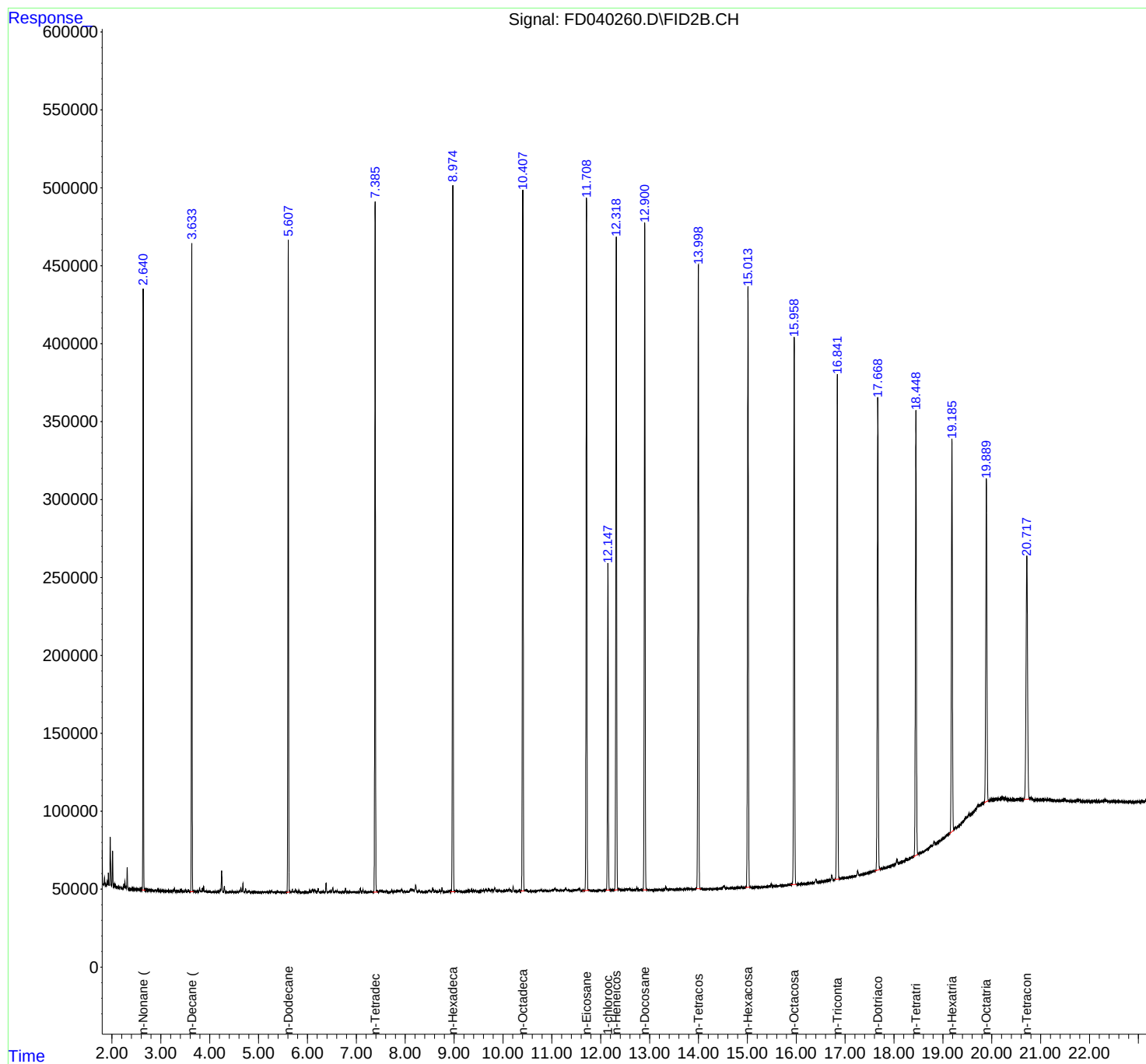
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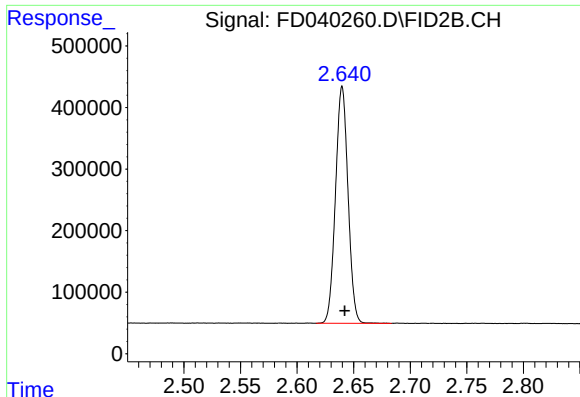
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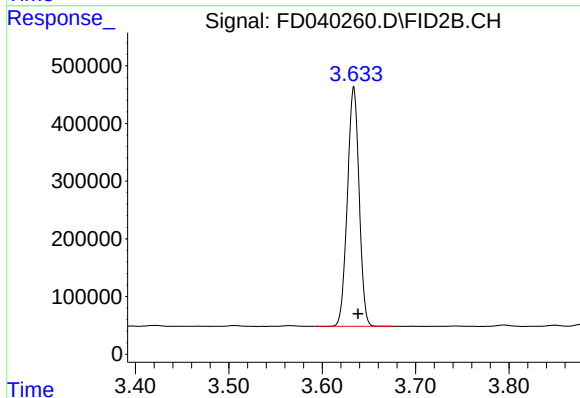
#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 2965473
Conc: 22.60 ug/ml

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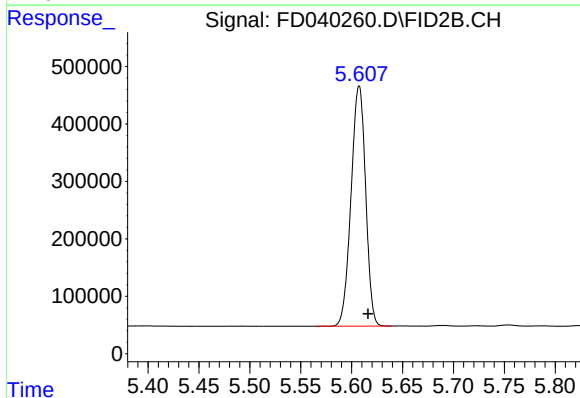
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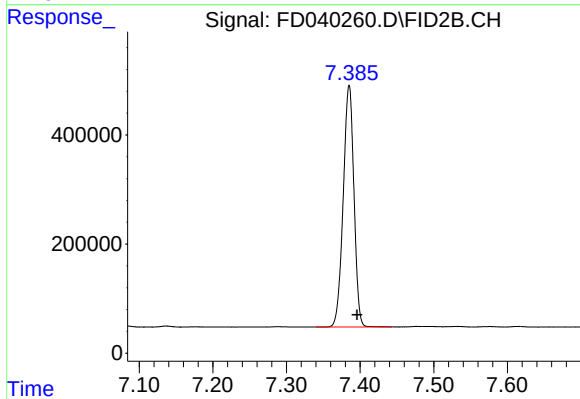
#2 n-Decane (C10)

R.T.: 3.634 min
Delta R.T.: -0.005 min
Response: 3624207
Conc: 27.38 ug/ml



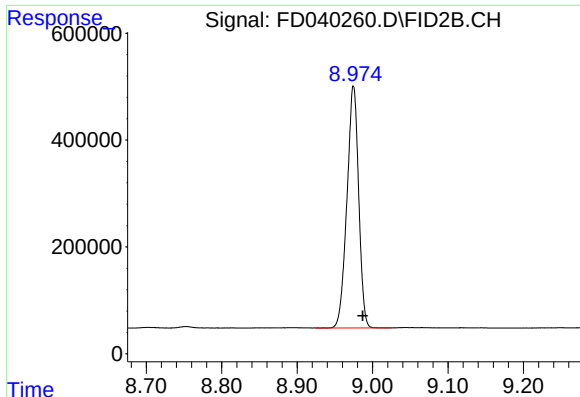
#4 n-Dodecane (C12)

R.T.: 5.607 min
Delta R.T.: -0.009 min
Response: 4162975
Conc: 31.35 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 4480688
Conc: 32.41 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.975 min
Delta R.T.: -0.012 min
Response: 4893738
Conc: 35.69 ug/ml

Instrument :

FID_D

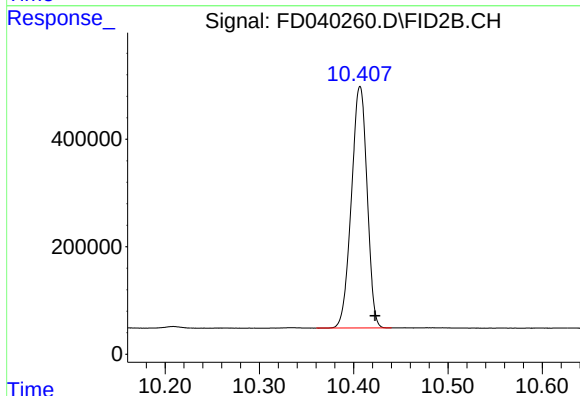
ClientSampleId :

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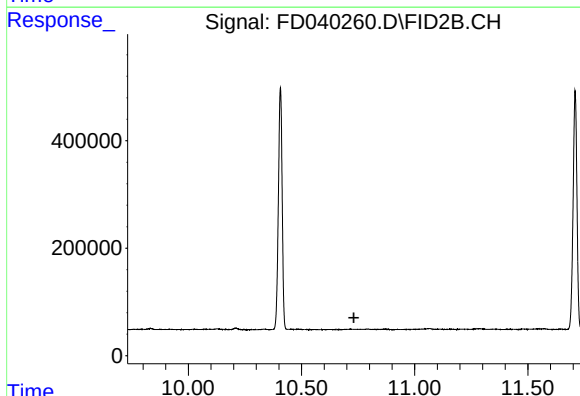
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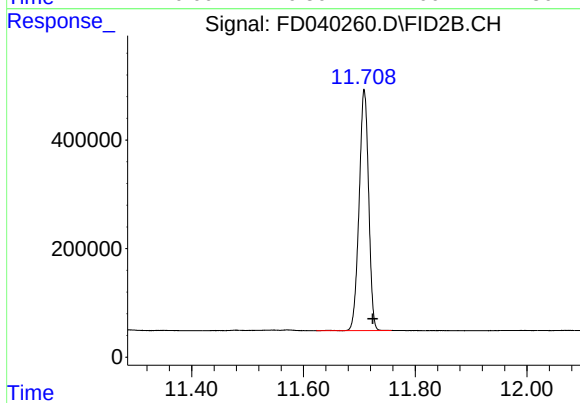
#8 n-Octadecane (C18)

R.T.: 10.407 min
Delta R.T.: -0.016 min
Response: 5199590
Conc: 36.82 ug/ml



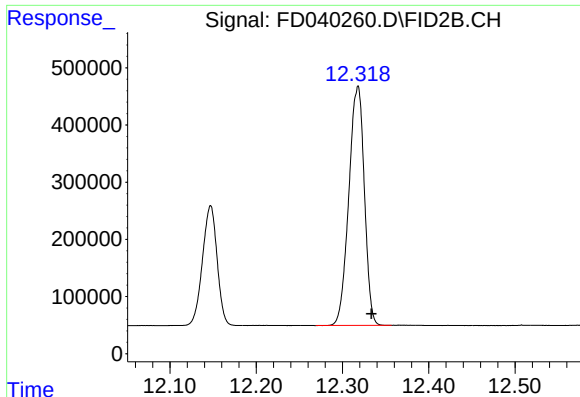
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.731 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.015 min
Response: 5235051
Conc: 37.45 ug/ml



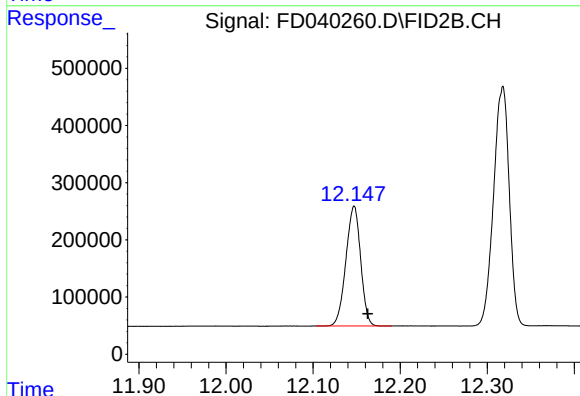
#11 n-Heneicosane (C21)

R.T.: 12.318 min
Delta R.T.: -0.016 min
Response: 5239826
Conc: 37.03 ug/ml

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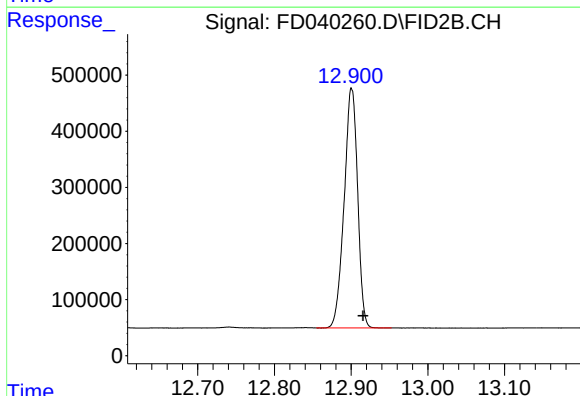
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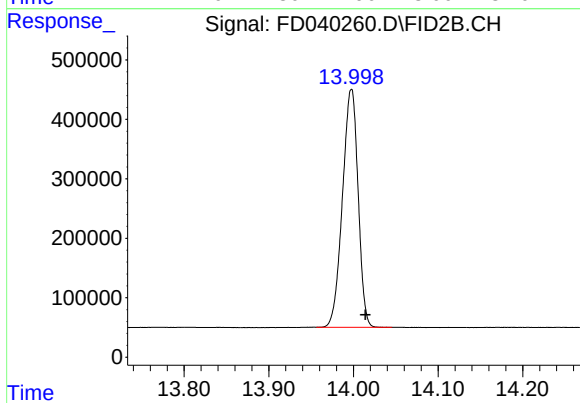
#12 1-chlorooctadecane (SURR)

R.T.: 12.147 min
Delta R.T.: -0.016 min
Response: 2467738
Conc: 20.46 ug/ml



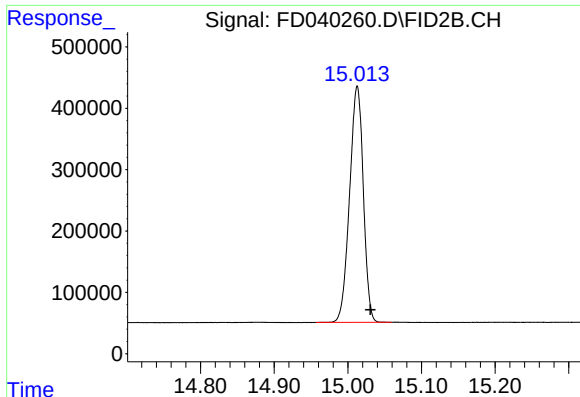
#13 n-Docosane (C22)

R.T.: 12.901 min
Delta R.T.: -0.015 min
Response: 5221075
Conc: 37.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.016 min
Response: 5141077
Conc: 36.62 ug/ml



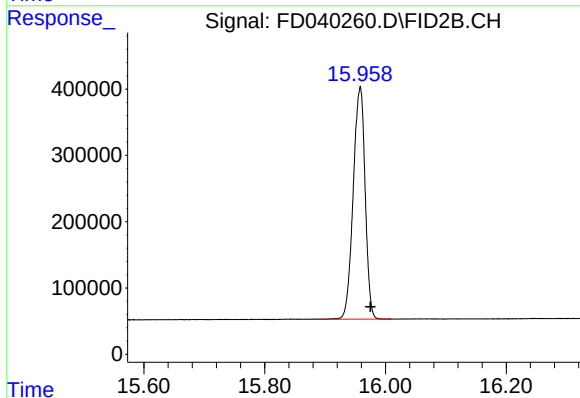
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.018 min
Response: 4982475
Conc: 36.23 ug/ml

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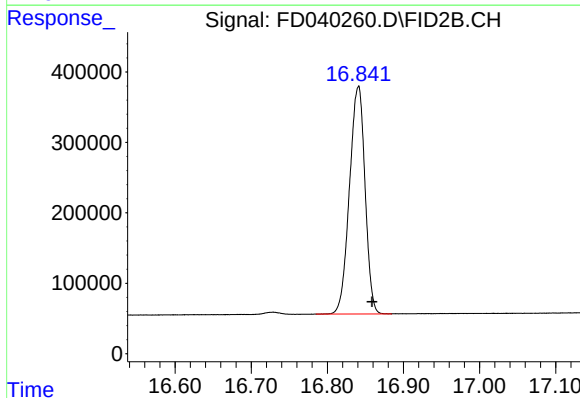
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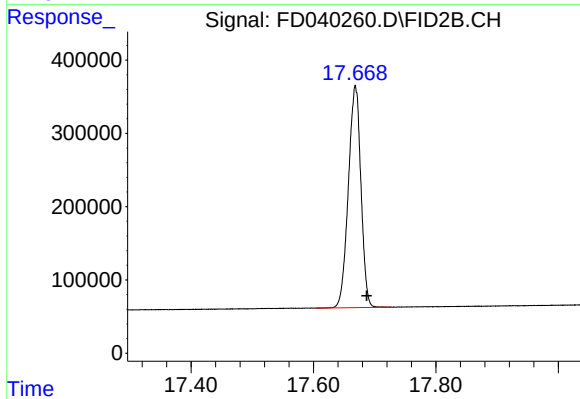
#16 n-Octacosane (C28)

R.T.: 15.958 min
Delta R.T.: -0.017 min
Response: 4797156
Conc: 35.26 ug/ml



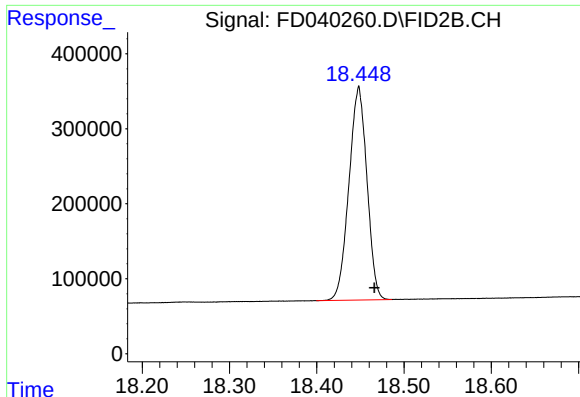
#17 n-Tricontane (C30)

R.T.: 16.841 min
Delta R.T.: -0.018 min
Response: 4591326
Conc: 34.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.669 min
Delta R.T.: -0.019 min
Response: 4309788
Conc: 33.29 ug/ml



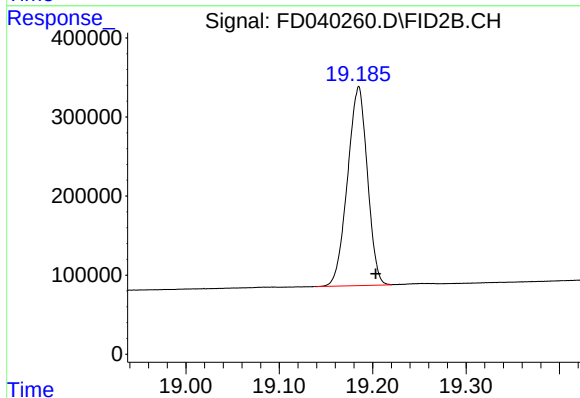
#19 n-Tetratriacontane (C34)

R.T.: 18.448 min
Delta R.T.: -0.018 min
Response: 4076351
Conc: 33.62 ug/ml

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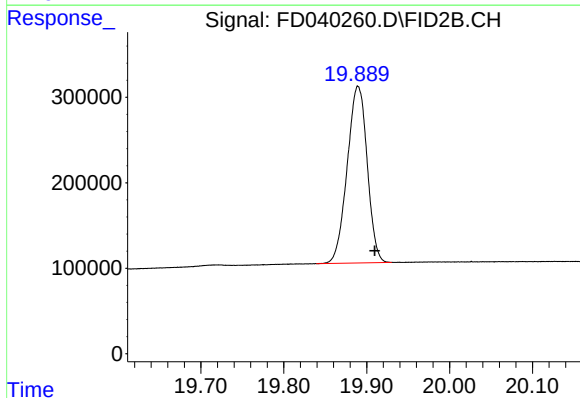
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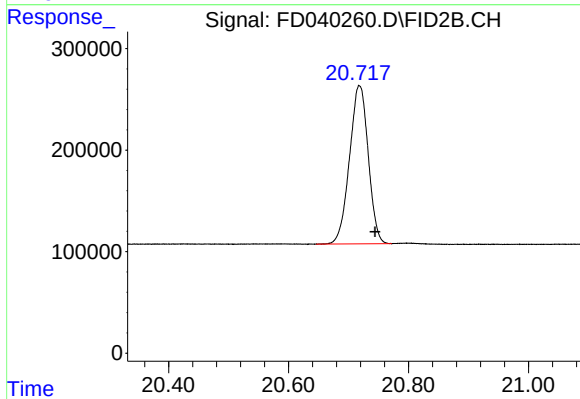
#20 n-Hexatriacontane (C36)

R.T.: 19.185 min
Delta R.T.: -0.018 min
Response: 3717979
Conc: 34.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.889 min
Delta R.T.: -0.021 min
Response: 3469036
Conc: 37.57 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.718 min
Delta R.T.: -0.026 min
Response: 3382291
Conc: 43.44 ug/ml