

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009407.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 23:01
 Operator : AJ\MA
 Sample : PB141338BSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB141338BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 15 04:24:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:37:50 2021
 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			
12) S 1-chlorooctadecane (S...	12.179	3855550	36.080 ug/ml
Spiked Amount 50.000		Recovery =	72.16%
Target Compounds			
1) T n-Nonane (C9)	2.641	3417776	29.471 ug/ml
2) T n-Decane (C10)	3.641	4215087	36.371 ug/ml
4) T n-Dodecane (C12)	5.621	5011755	42.616 ug/ml
6) T n-Tetradecane (C14)	7.404	5604128	47.416 ug/ml
7) T n-Hexadecane (C16)	8.998	6348760	52.875 ug/ml
8) T n-Octadecane (C18)	10.434	6809087	53.888 ug/ml
10) T n-Eicosane (C20)	11.739	6788771	53.157 ug/ml
11) T n-Heneicosane (C21)	12.348	6755684	52.009 ug/ml
13) T n-Docosane (C22)	12.933	6685891	51.596 ug/ml
14) T n-Tetracosane (C24)	14.033	6571669	50.448 ug/ml
15) T n-Hexacosane (C26)	15.049	6380948	51.292 ug/ml
16) T n-Octacosane (C28)	15.996	6148045	53.171 ug/mlm
17) T n-Tricontane (C30)	16.880	5958495	55.759 ug/ml
18) T n-Dotriacontane (C32)	17.710	5576931	54.164 ug/mlm
19) T n-Tetratriacontane (C34)	18.490	5369713	52.378 ug/ml
20) T n-Hexatriacontane (C36)	19.227	5062839	50.604 ug/ml
21) T n-Octatriacontane (C38)	19.935	4741057	48.955 ug/mlm
22) T n-Tetracontane (C40)	20.771	5149552	63.285 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 68 Sample Multiplier: 1

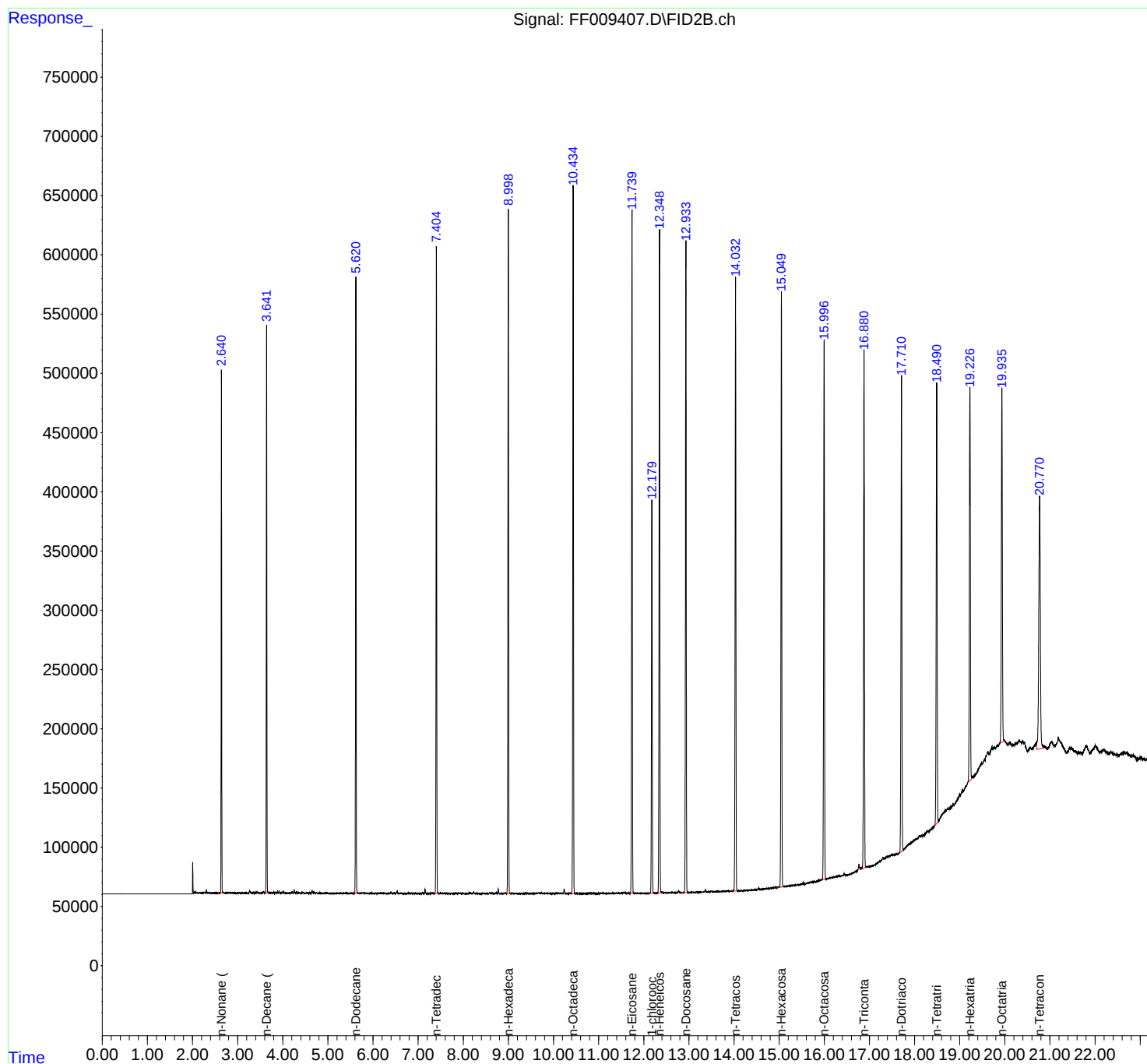
Instrument :
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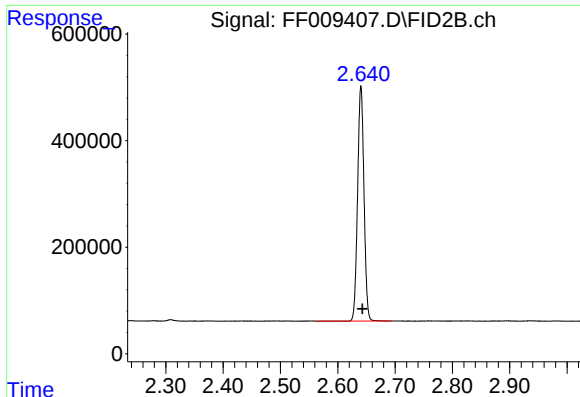
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.641 min
Delta R.T.: -0.002 min
Response: 3417776
Conc: 29.47 ug/ml

Instrument :

FID_F

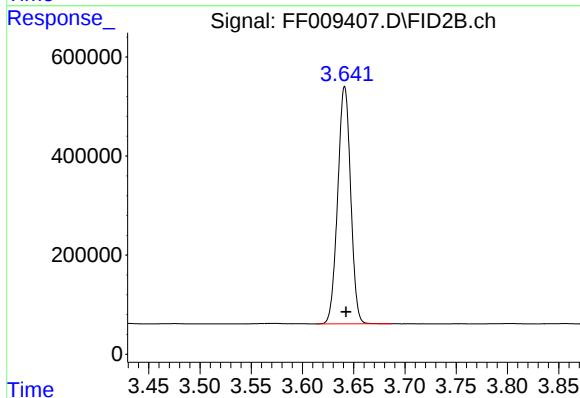
ClientSampleId :

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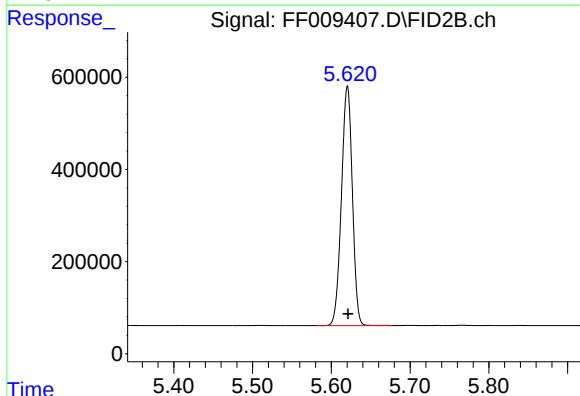
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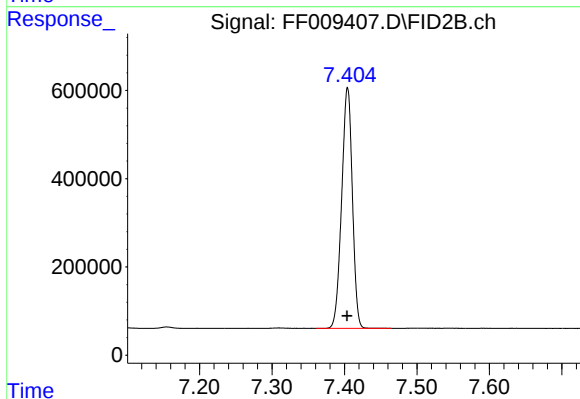
#2 n-Decane (C10)

R.T.: 3.641 min
Delta R.T.: -0.002 min
Response: 4215087
Conc: 36.37 ug/ml



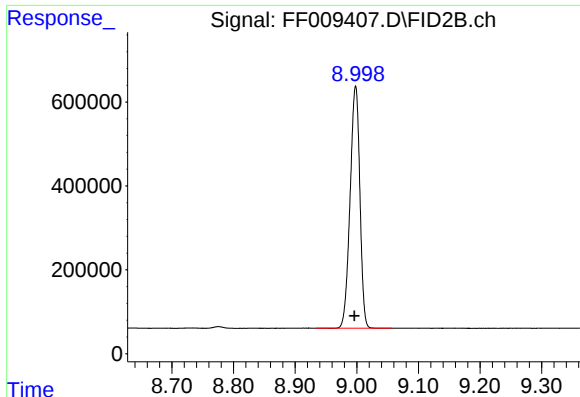
#4 n-Dodecane (C12)

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 5011755
Conc: 42.62 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 5604128
Conc: 47.42 ug/ml



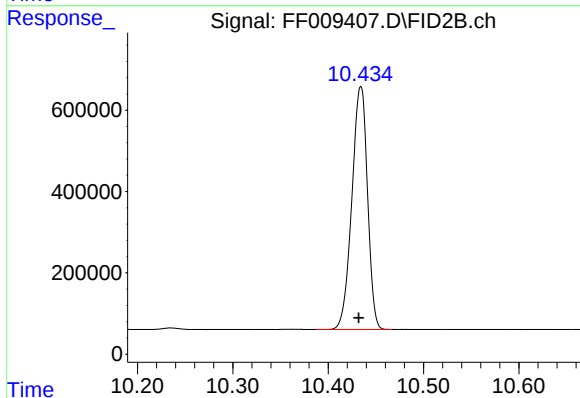
#7 n-Hexadecane (C16)

R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 6348760
Conc: 52.87 ug/ml

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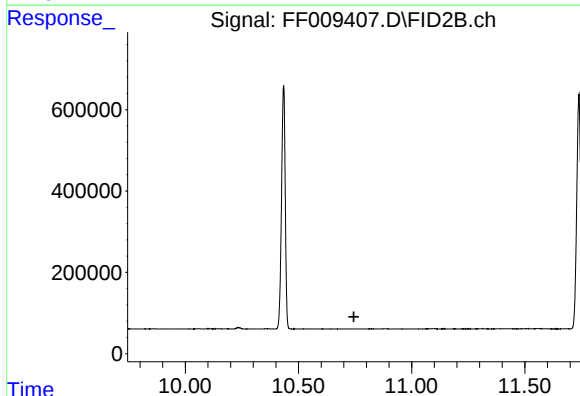
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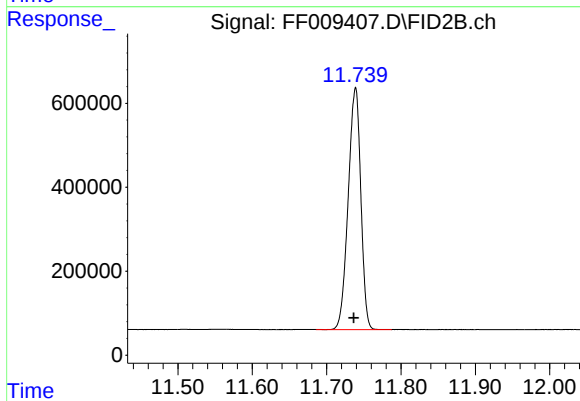
#8 n-Octadecane (C18)

R.T.: 10.434 min
Delta R.T.: 0.002 min
Response: 6809087
Conc: 53.89 ug/ml



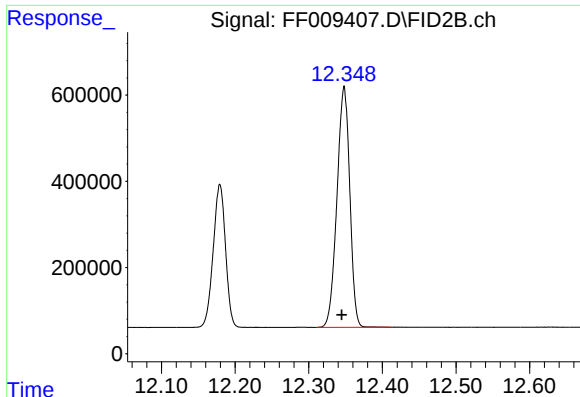
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.745 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.739 min
Delta R.T.: 0.003 min
Response: 6788771
Conc: 53.16 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.348 min
Delta R.T.: 0.003 min
Response: 6755684
Conc: 52.01 ug/ml

Instrument :

FID_F

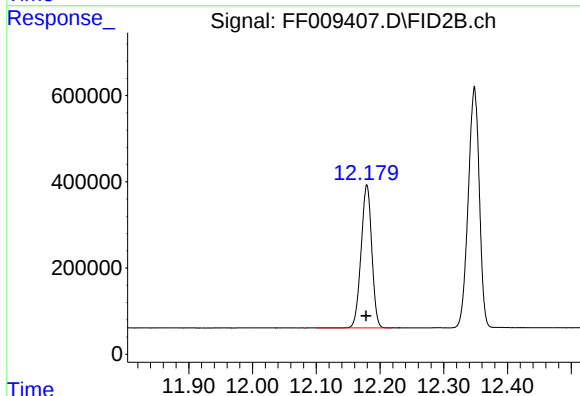
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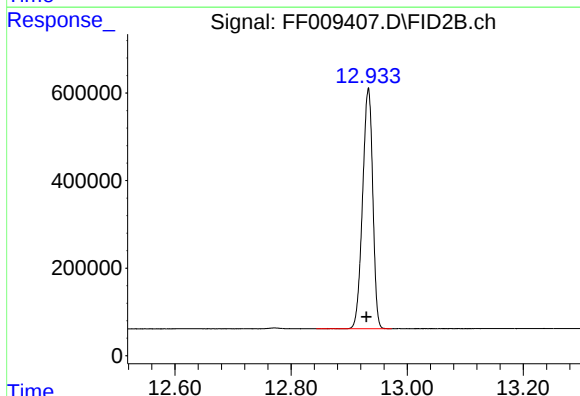
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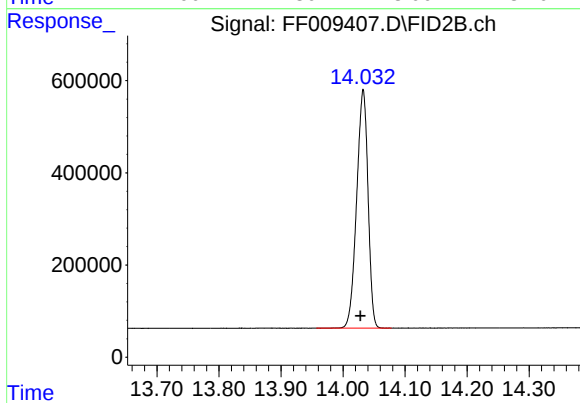
#12 1-chlorooctadecane (SURR)

R.T.: 12.179 min
Delta R.T.: 0.001 min
Response: 3855550
Conc: 36.08 ug/ml



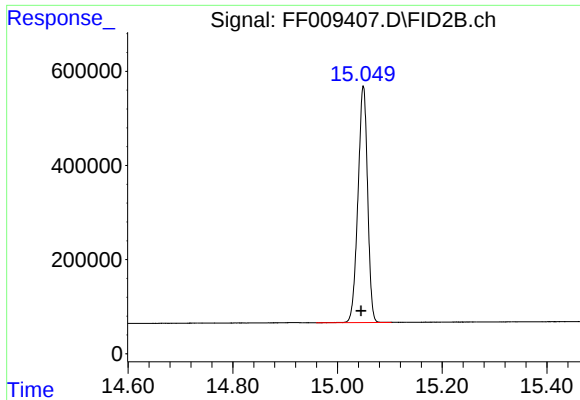
#13 n-Docosane (C22)

R.T.: 12.933 min
Delta R.T.: 0.004 min
Response: 6685891
Conc: 51.60 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.033 min
Delta R.T.: 0.005 min
Response: 6571669
Conc: 50.45 ug/ml



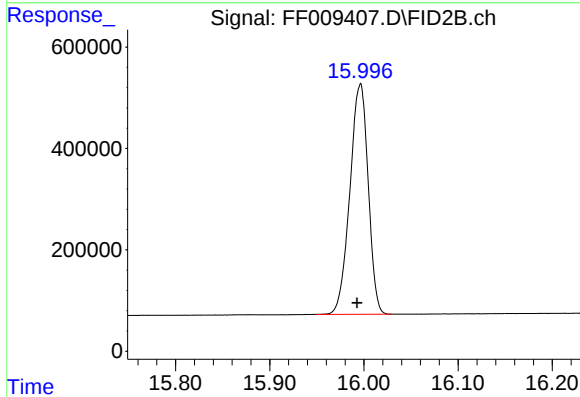
#15 n-Hexacosane (C26)

R.T.: 15.049 min
Delta R.T.: 0.004 min
Response: 6380948
Conc: 51.29 ug/ml

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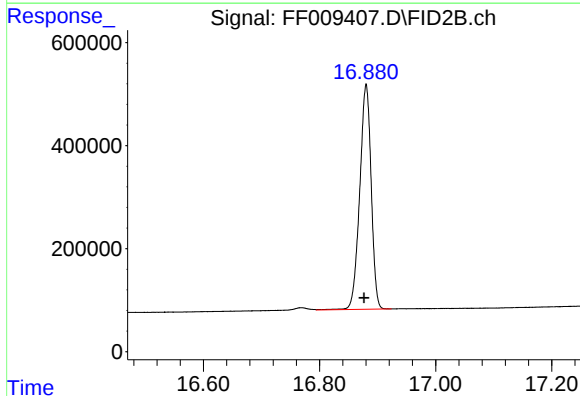
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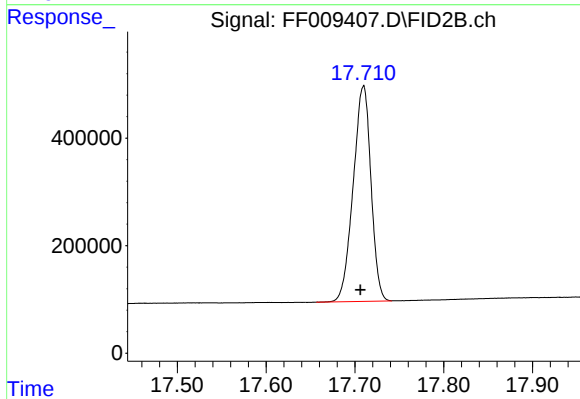
#16 n-Octacosane (C28)

R.T.: 15.996 min
Delta R.T.: 0.004 min
Response: 6148045
Conc: 53.17 ug/ml m



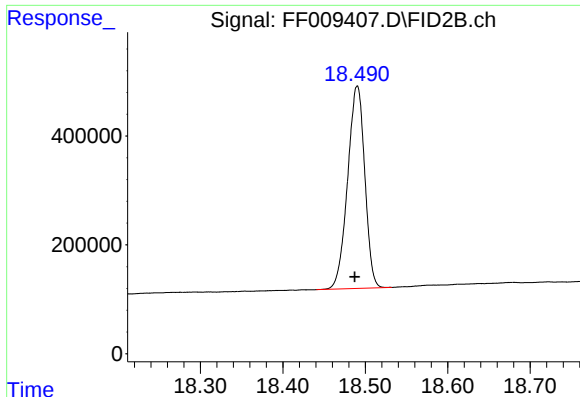
#17 n-Tricontane (C30)

R.T.: 16.880 min
Delta R.T.: 0.003 min
Response: 5958495
Conc: 55.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.710 min
Delta R.T.: 0.004 min
Response: 5576931
Conc: 54.16 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 18.490 min
Delta R.T.: 0.003 min
Response: 5369713
Conc: 52.38 ug/ml

Instrument :

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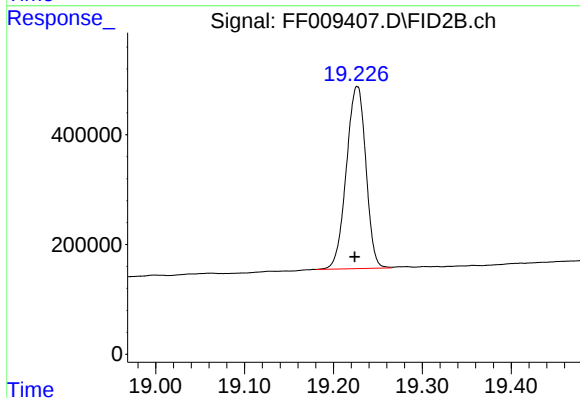
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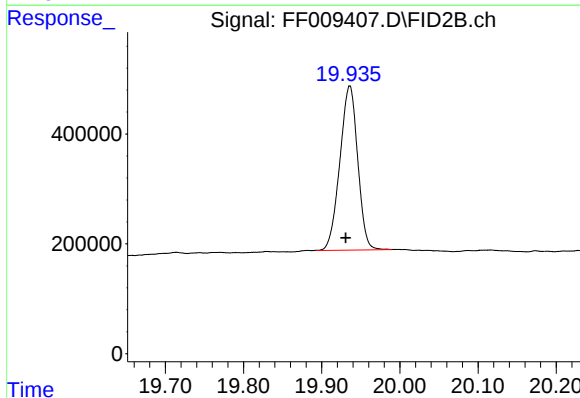
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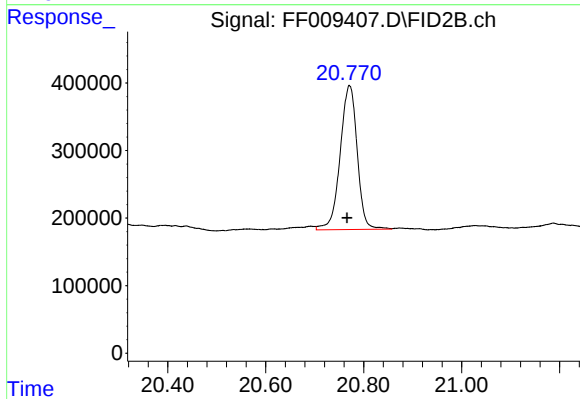
#20 n-Hexatriacontane (C36)

R.T.: 19.227 min
Delta R.T.: 0.003 min
Response: 5062839
Conc: 50.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.935 min
Delta R.T.: 0.004 min
Response: 4741057
Conc: 48.96 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.771 min
Delta R.T.: 0.005 min
Response: 5149552
Conc: 63.29 ug/ml