

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121223AL\
 Data File : FF013846.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2023 19:19
 Operator : YP\AJ
 Sample : 05758-19MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SP-COMP-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2023
 Supervised By :Ankita Jodhani 12/13/2023

Integration File: autoint1.e
 Quant Time: Dec 12 22:38:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:36:20 2023
 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)	11.872	5210064	35.355 ug/ml
Spiked Amount 50.000		Recovery =	70.71%
12) S 1-chlorooctadecane (S...	13.311	3975567	37.342 ug/ml
Spiked Amount 50.000		Recovery =	74.68%
Target Compounds			
1) T n-Nonane (C9)	3.269	3890746	32.280 ug/ml
2) T n-Decane (C10)	4.519	4361256	35.833 ug/ml
3) T A~Naphthalene (C11.7)	6.214	4947003	38.215 ug/ml
4) T n-Dodecane (C12)	6.681	4636453	37.804 ug/ml
5) T A~2-methylnaphthalene...	7.309	4969496	39.592 ug/ml
6) T n-Tetradecane (C14)	8.509	4852036	40.354 ug/ml
7) T n-Hexadecane (C16)	10.114	5158650	42.179 ug/ml
8) T n-Octadecane (C18)	11.559	5443989	44.239 ug/ml
10) T n-Eicosane (C20)	12.869	5573142	46.558 ug/ml
11) T n-Heneicosane (C21)	13.480	5329525	45.187 ug/ml
13) T n-Docosane (C22)	14.067	5315031	45.631 ug/ml
14) T n-Tetracosane (C24)	15.146	10357177	90.520 ug/mlm
15) T n-Hexacosane (C26)	16.196	5096037	45.509 ug/ml
16) T n-Octacosane (C28)	17.143	4951814	45.116 ug/ml
17) T n-Tricontane (C30)	18.033	4937591	44.443 ug/ml
18) T n-Dotriacontane (C32)	18.866	4833068	43.465 ug/ml
19) T n-Tetratriacontane (C34)	19.649	4811502	44.676 ug/ml
20) T n-Hexatriacontane (C36)	20.388	4720919	42.475 ug/ml
21) T n-Octatriacontane (C38)	21.118	4910921	44.914 ug/ml
22) T n-Tetracontane (C40)	22.010	5125354	45.259 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 47 Sample Multiplier: 1

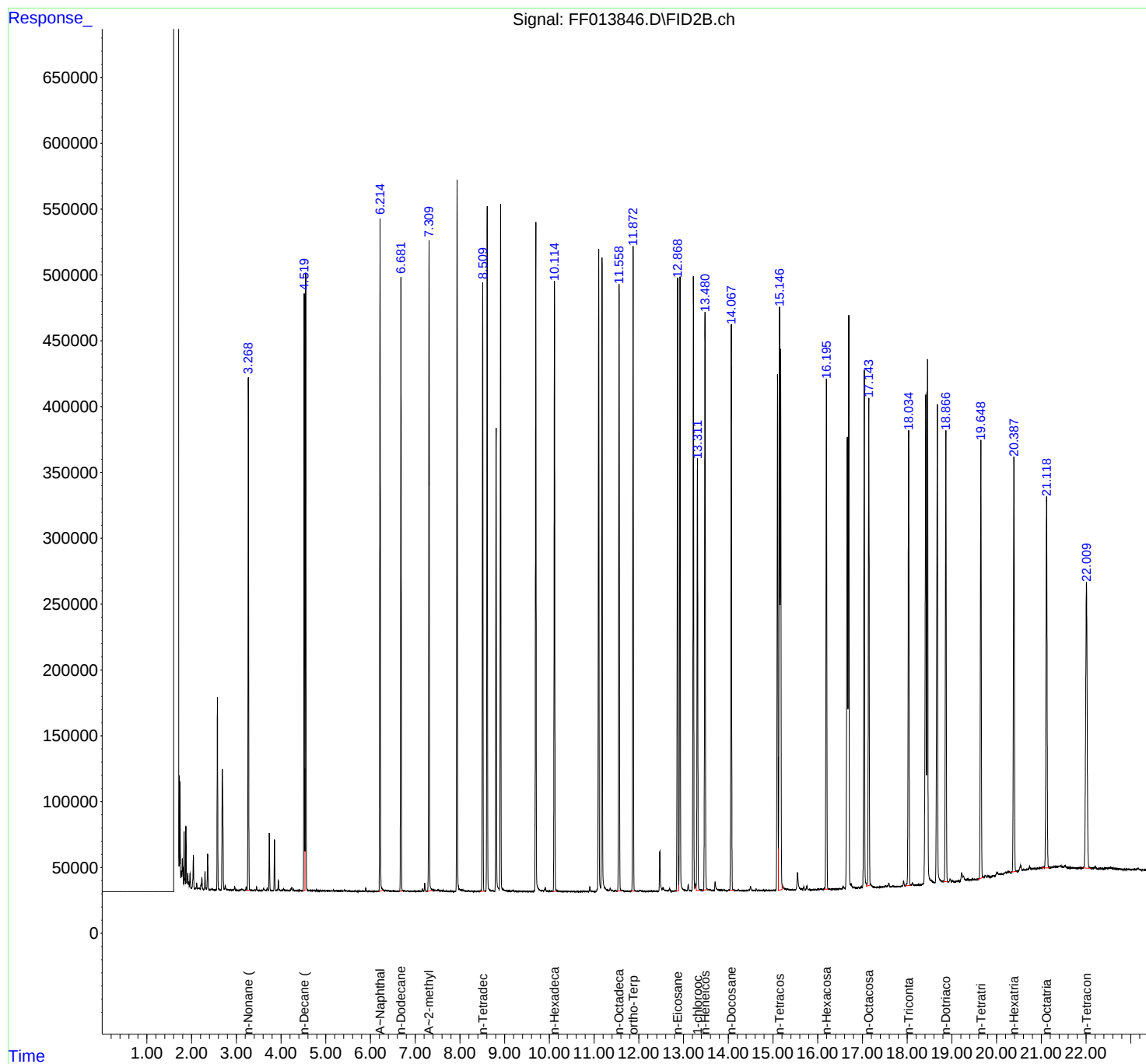
Instrument :
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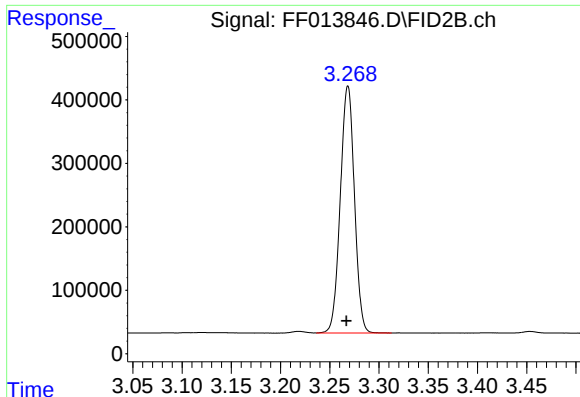
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: 0.002 min
Response: 3890746
Conc: 32.28 ug/ml

Instrument :

FID_F

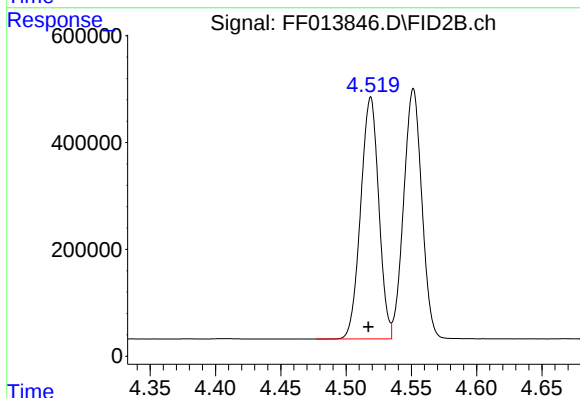
ClientSampleId :

SP-COMP-3MS

Manual Integrations

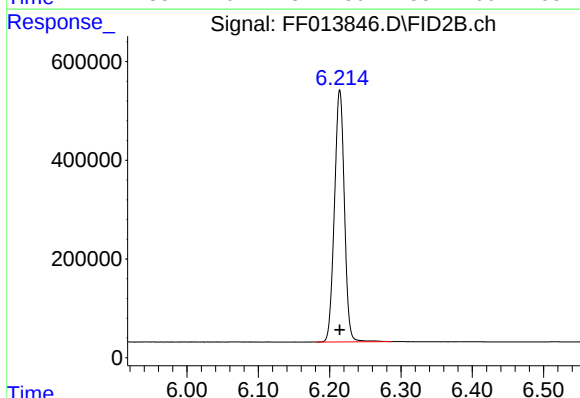
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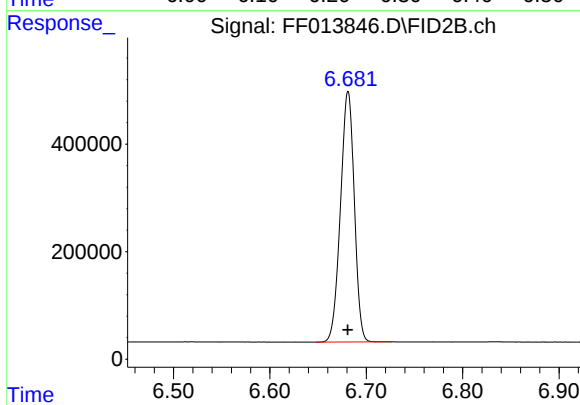
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 4361256
Conc: 35.83 ug/ml



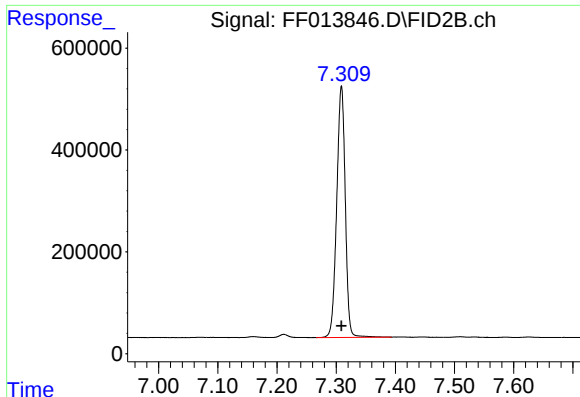
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 4947003
Conc: 38.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 4636453
Conc: 37.80 ug/ml



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

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 4969496
Conc: 39.59 ug/ml

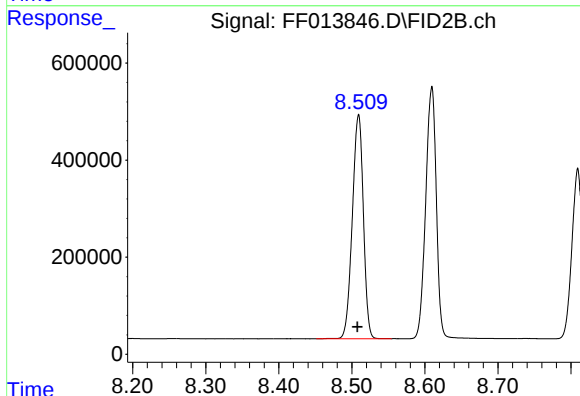
Instrument :

FID_F

ClientSampleId :
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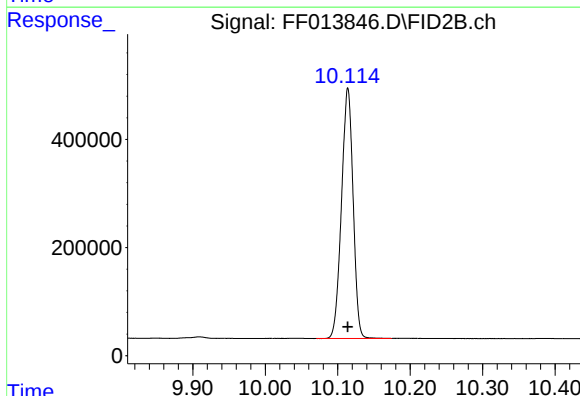
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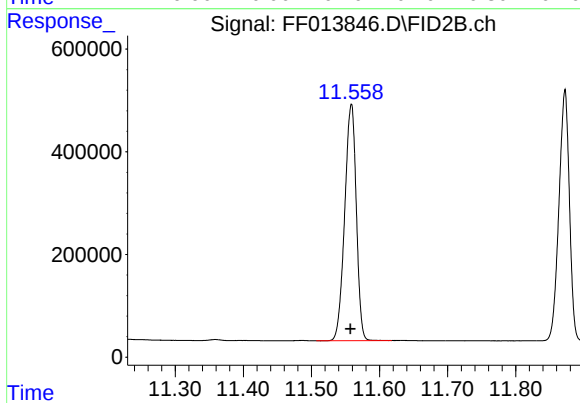
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: 0.002 min
Response: 4852036
Conc: 40.35 ug/ml



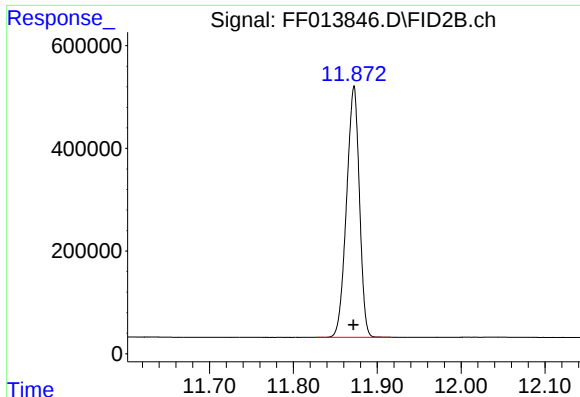
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: 0.000 min
Response: 5158650
Conc: 42.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.001 min
Response: 5443989
Conc: 44.24 ug/ml



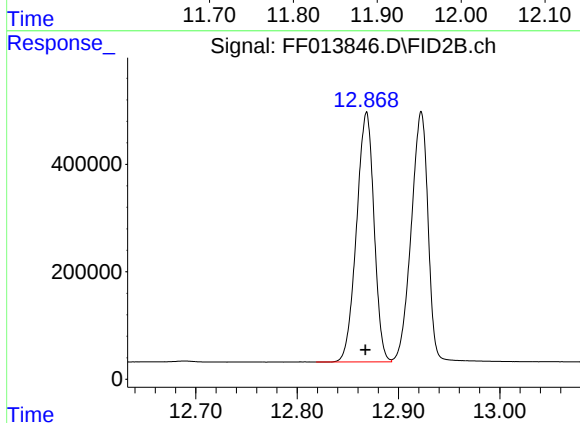
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 5210064
Conc: 35.36 ug/ml

Instrument :
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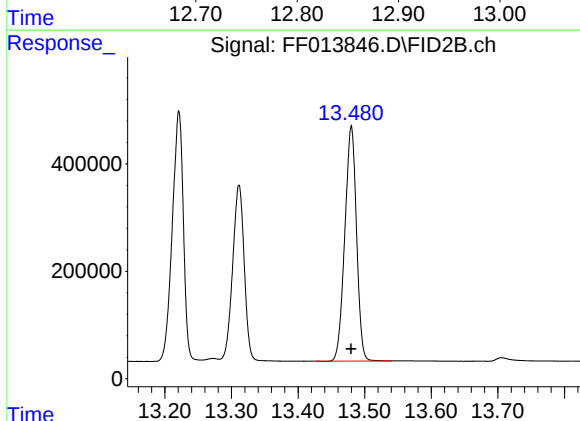
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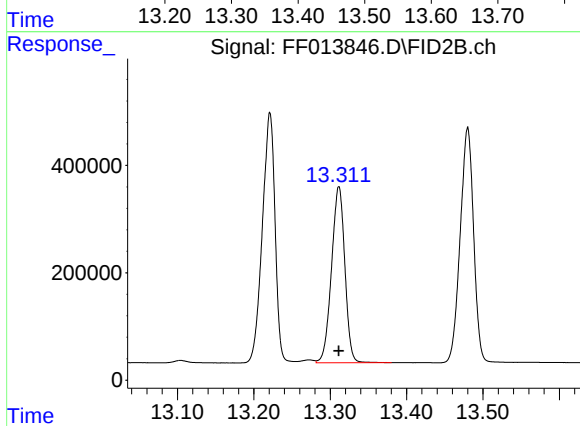
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.001 min
Response: 5573142
Conc: 46.56 ug/ml



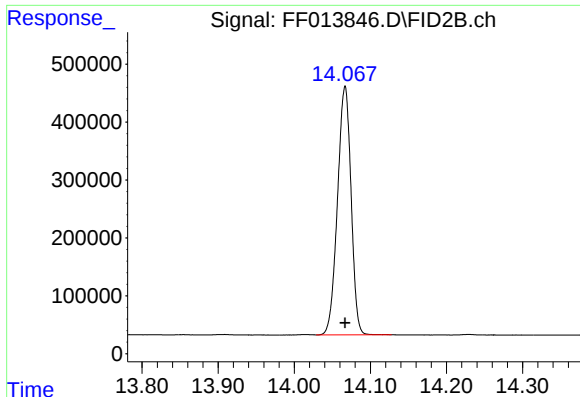
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.000 min
Response: 5329525
Conc: 45.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 3975567
Conc: 37.34 ug/ml



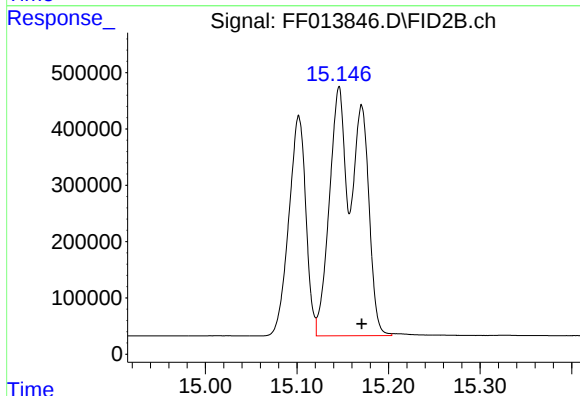
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: 0.000 min
Response: 5315031
Conc: 45.63 ug/ml

Instrument :
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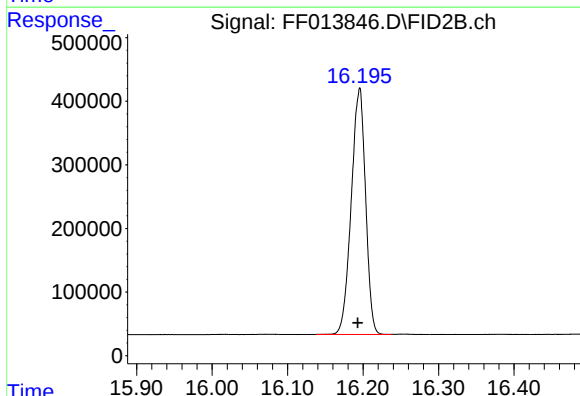
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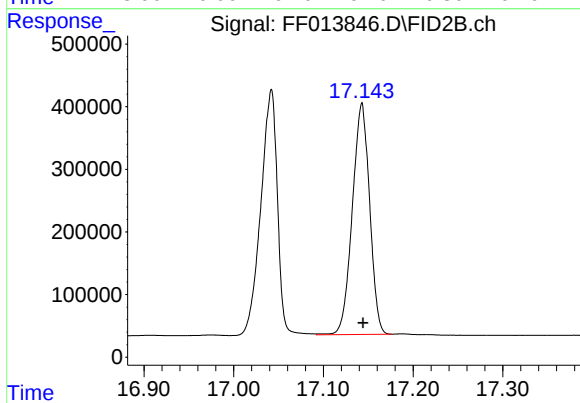
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.025 min
Response: 10357177
Conc: 90.52 ug/ml m



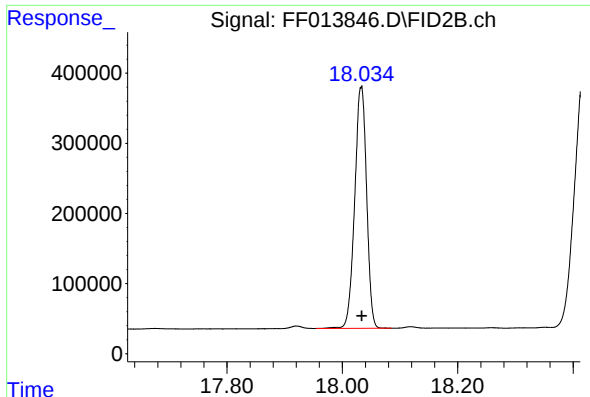
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.002 min
Response: 5096037
Conc: 45.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.001 min
Response: 4951814
Conc: 45.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.000 min
Response: 4937591
Conc: 44.44 ug/ml

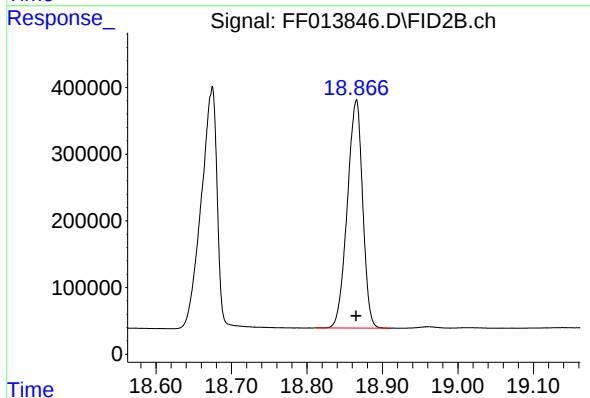
Instrument :

FID_F

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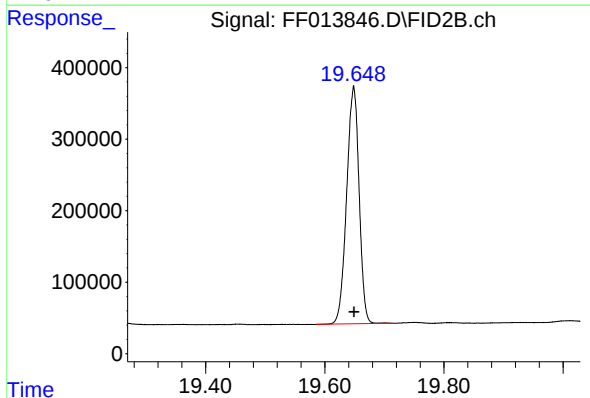
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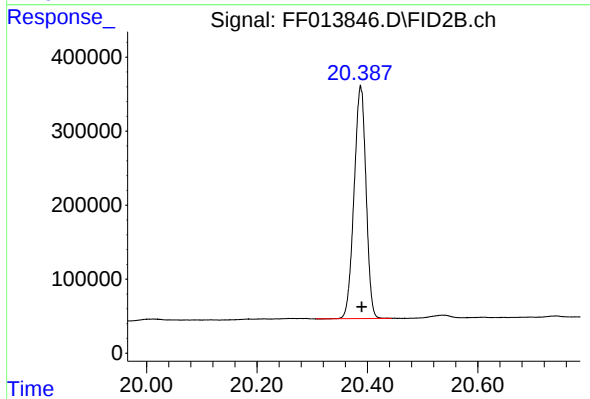
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.000 min
Response: 4833068
Conc: 43.46 ug/ml



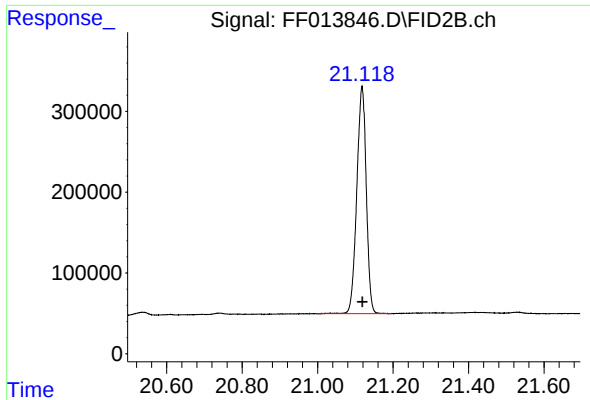
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.000 min
Response: 4811502
Conc: 44.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: -0.002 min
Response: 4720919
Conc: 42.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.001 min
Response: 4910921
Conc: 44.91 ug/ml

Instrument :

FID_F

ClientSampleId :

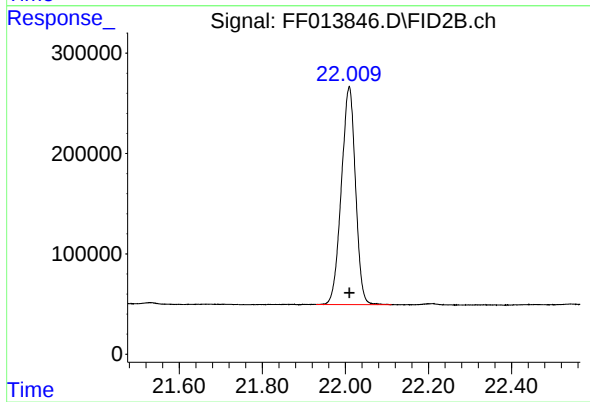
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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.000 min
Response: 5125354
Conc: 45.26 ug/ml