

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
 Data File : FE050883.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2024 15:50
 Operator : YP\AJ
 Sample : PB164498BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164498BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e

Quant Time: Oct 30 04:49:17 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

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)	11.862	6218409	39.443 ug/ml
Spiked Amount 50.000		Recovery =	78.89%
12) S 1-chlorooctadecane (S...	13.295	5104551	43.152 ug/ml
Spiked Amount 50.000		Recovery =	86.30%
Target Compounds			
1) T n-Nonane (C9)	3.253	5509785	38.996 ug/ml
2) T n-Decane (C10)	4.501	5675152	39.555 ug/ml
3) T A~Naphthalene (C11.7)	6.210	5735578	40.112 ug/ml
4) T n-Dodecane (C12)	6.667	5825001	40.470 ug/ml
5) T A~2-methylnaphthalene...	7.307	5201841	39.265 ug/ml
6) T n-Tetradecane (C14)	8.495	5794151	40.500 ug/mlm
7) T n-Hexadecane (C16)	10.099	5730932	38.941 ug/mlm
8) T n-Octadecane (C18)	11.541	5760226	38.564 ug/mlm
10) T n-Eicosane (C20)	12.849	5777783	40.291 ug/ml
11) T n-Heneicosane (C21)	13.460	5567220	39.643 ug/ml
13) T n-Docosane (C22)	14.045	5547049	39.538 ug/mlm
14) T n-Tetracosane (C24)	15.147	10194916	72.163 ug/mlm
15) T n-Hexacosane (C26)	16.167	5499039	39.079 ug/ml
16) T n-Octacosane (C28)	17.115	5799817	39.635 ug/mlm
17) T n-Tricontane (C30)	18.003	5748924	36.156 ug/ml
18) T n-Dotriacontane (C32)	18.834	5765895	35.567 ug/ml
19) T n-Tetratriacontane (C34)	19.616	5869317	39.957 ug/ml
20) T n-Hexatriacontane (C36)	20.355	5533735	43.637 ug/ml
21) T n-Octatriacontane (C38)	21.079	5322207	43.043 ug/ml
22) T n-Tetracontane (C40)	21.965	4731225	42.490 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

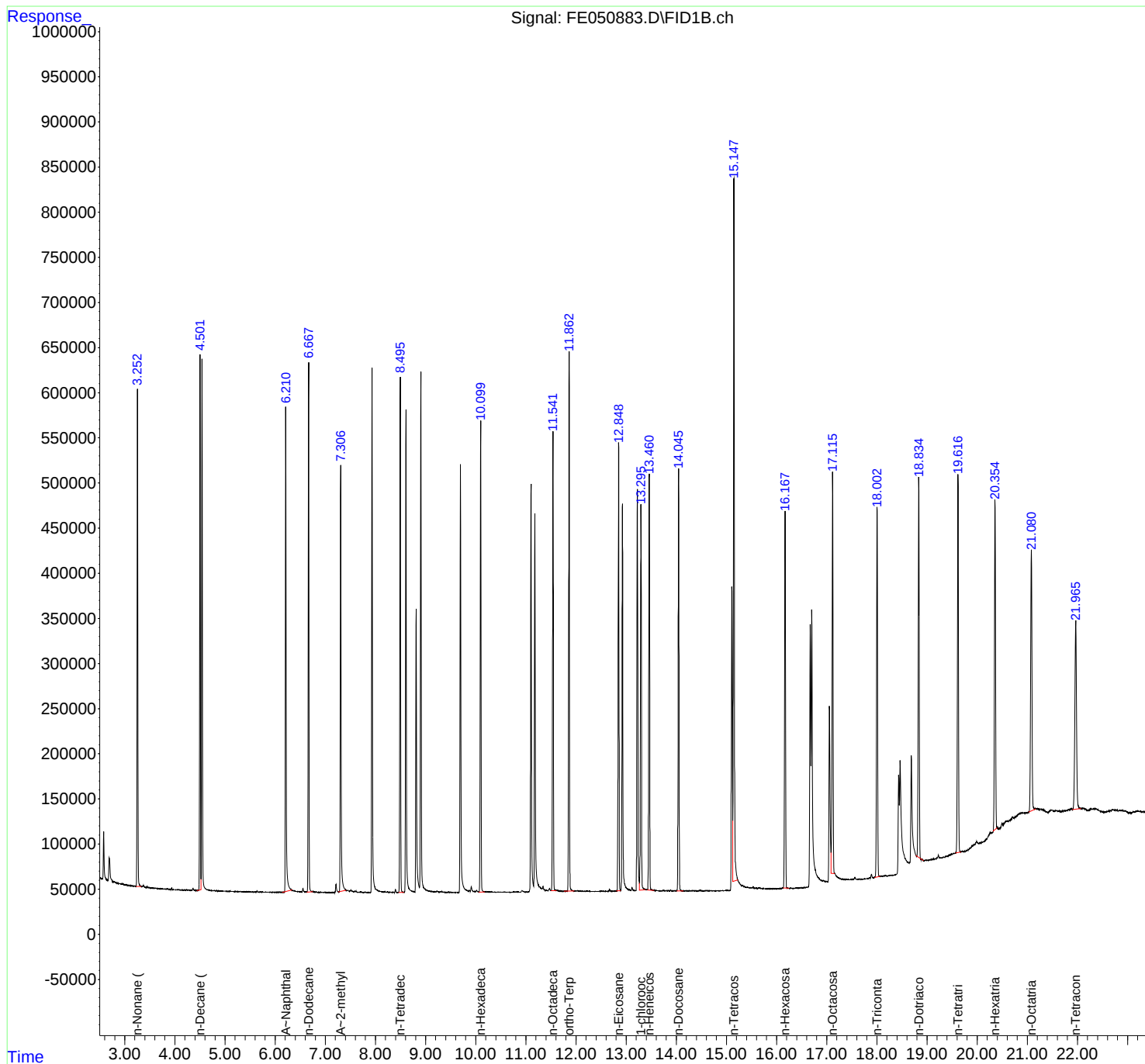
Instrument :
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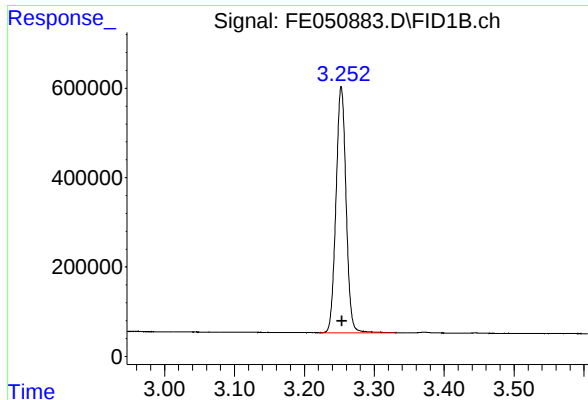
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Signal Info : 20M x 0.18mm x 0.18um





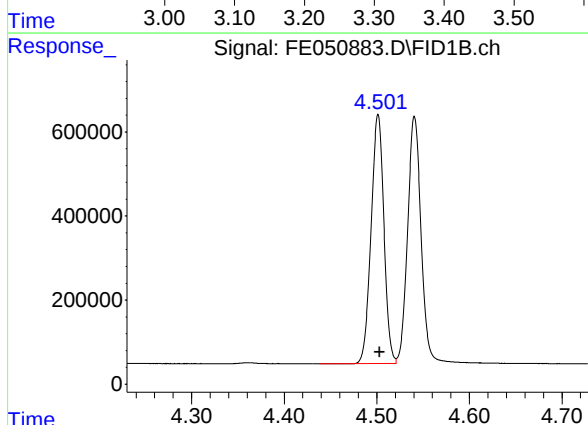
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: -0.001 min
Response: 5509785
Conc: 39.00 ug/ml

Instrument :
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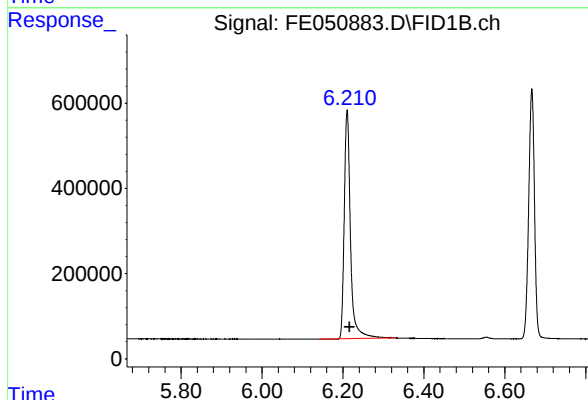
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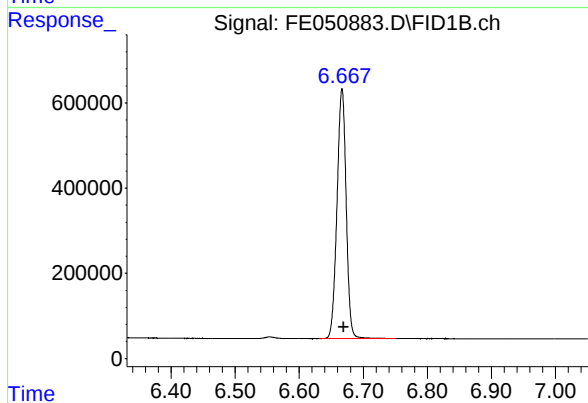
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 5675152
Conc: 39.55 ug/ml



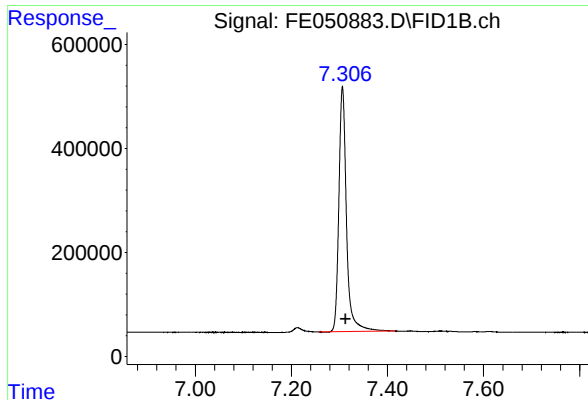
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.006 min
Response: 5735578
Conc: 40.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 5825001
Conc: 40.47 ug/ml



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

R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 5201841
Conc: 39.27 ug/ml

Instrument :

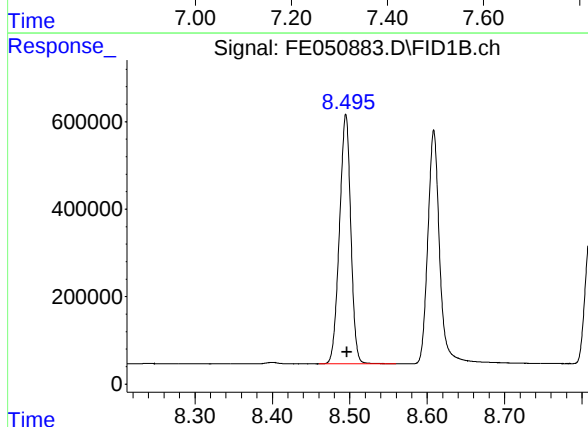
FID_E

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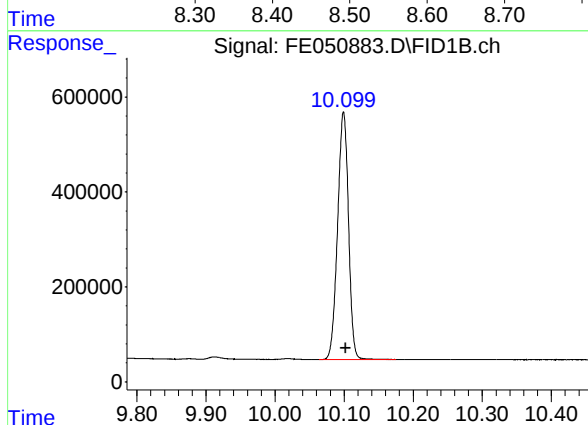
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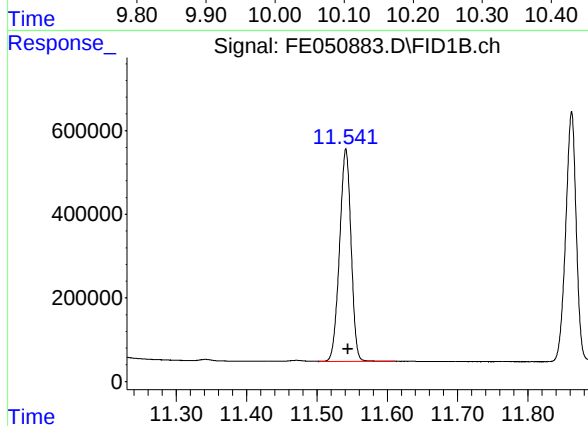
#6 n-Tetradecane (C14)

R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 5794151
Conc: 40.50 ug/ml m



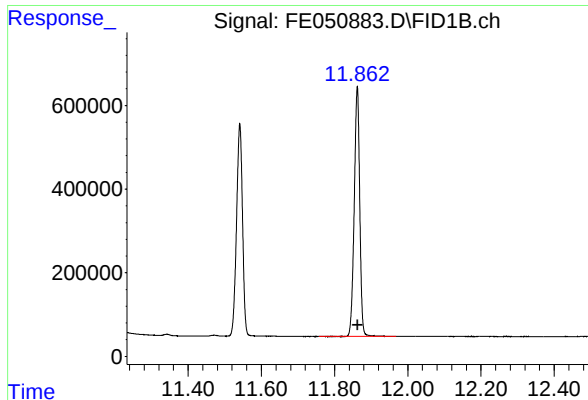
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.003 min
Response: 5730932
Conc: 38.94 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 5760226
Conc: 38.56 ug/ml m



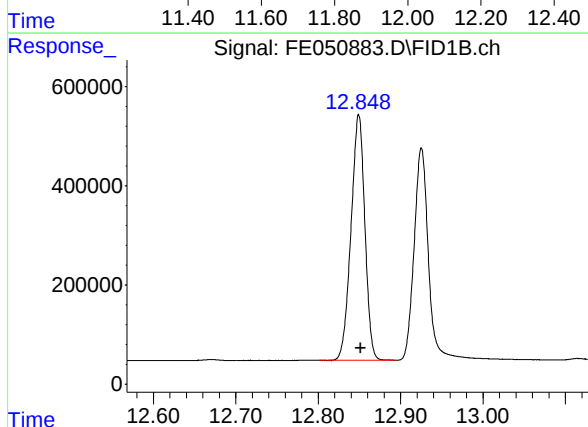
#9 ortho-Terphenyl (SURR)

R.T.: 11.862 min
Delta R.T.: -0.002 min
Response: 6218409
Conc: 39.44 ug/ml

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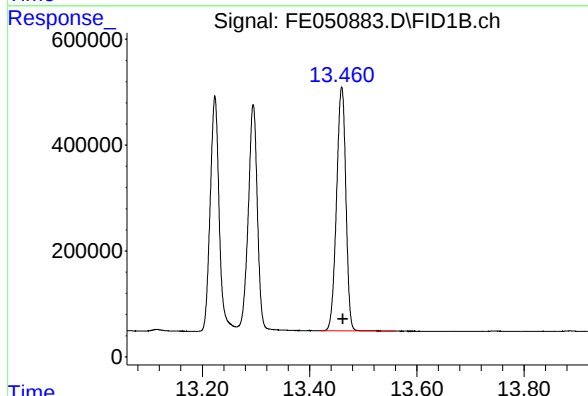
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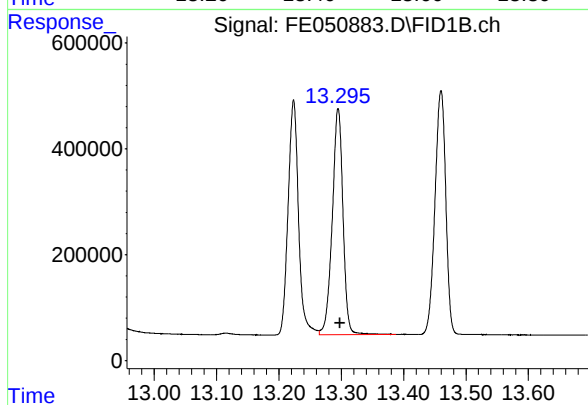
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.003 min
Response: 5777783
Conc: 40.29 ug/ml



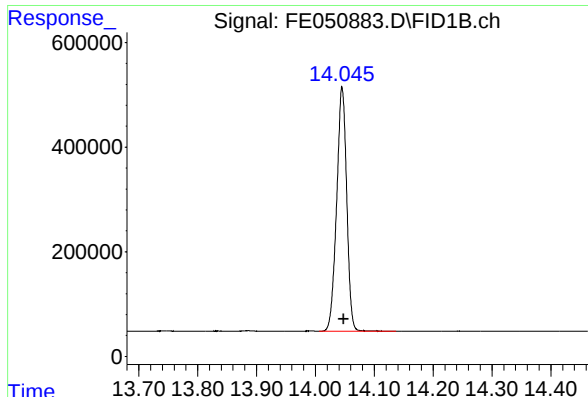
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.003 min
Response: 5567220
Conc: 39.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.003 min
Response: 5104551
Conc: 43.15 ug/ml



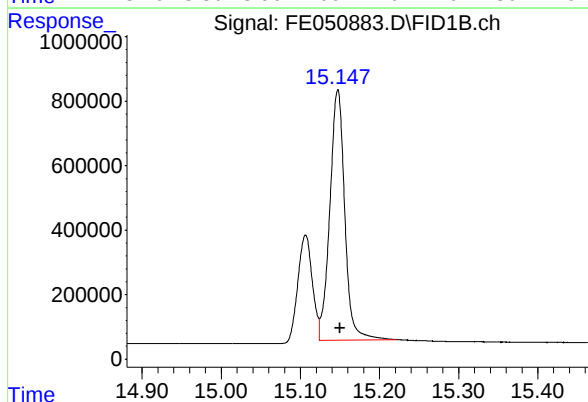
#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: -0.003 min
Response: 5547049
Conc: 39.54 ug/ml

Instrument :
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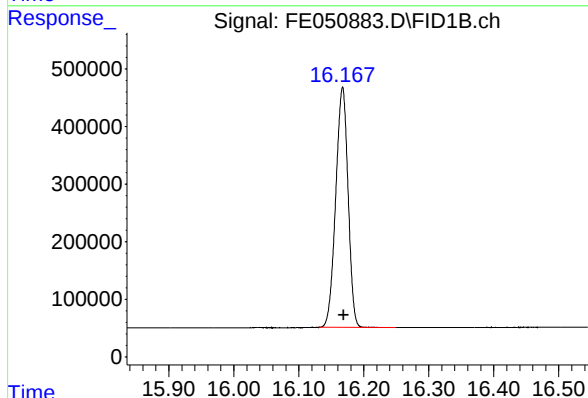
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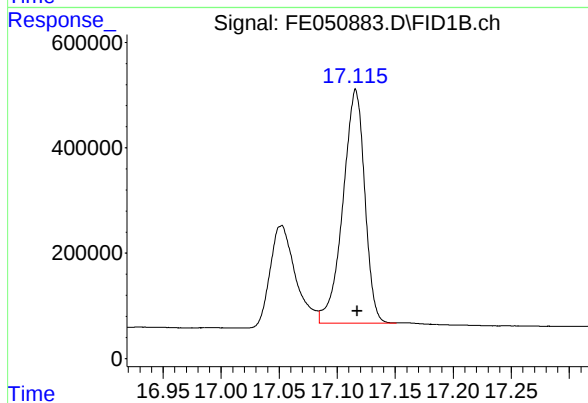
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.003 min
Response: 10194916
Conc: 72.16 ug/ml m



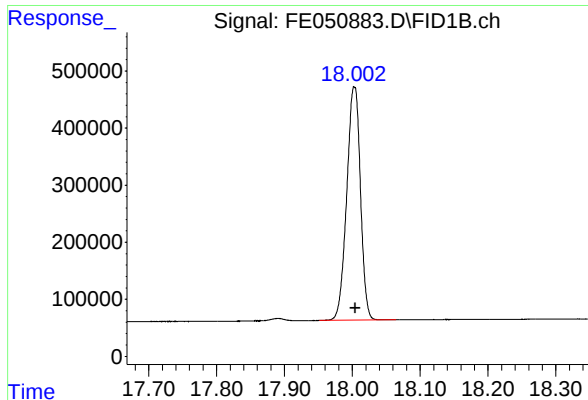
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.002 min
Response: 5499039
Conc: 39.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: -0.002 min
Response: 5799817
Conc: 39.64 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.002 min
Response: 5748924
Conc: 36.16 ug/ml

Instrument :

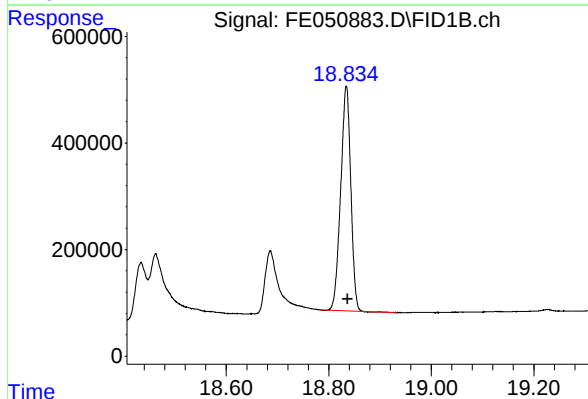
FID_E

ClientSampleId :

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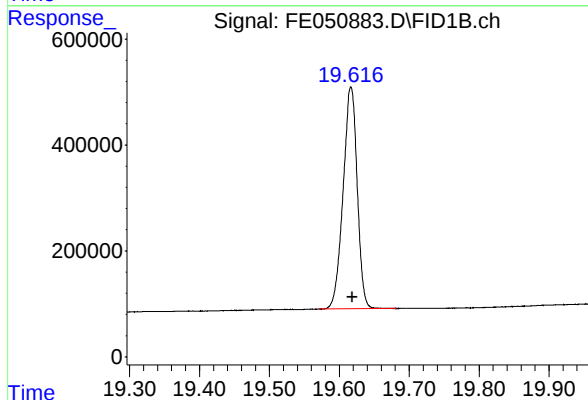
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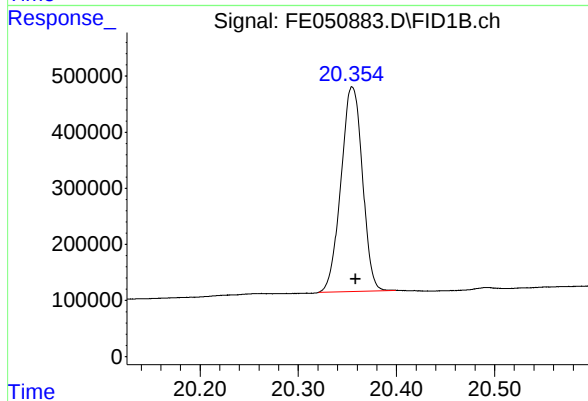
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.003 min
Response: 5765895
Conc: 35.57 ug/ml



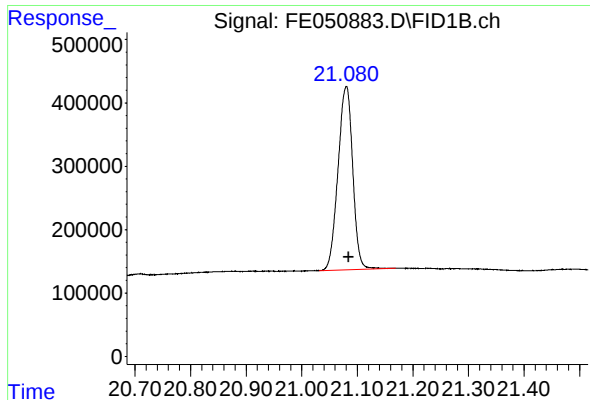
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.002 min
Response: 5869317
Conc: 39.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.003 min
Response: 5533735
Conc: 43.64 ug/ml



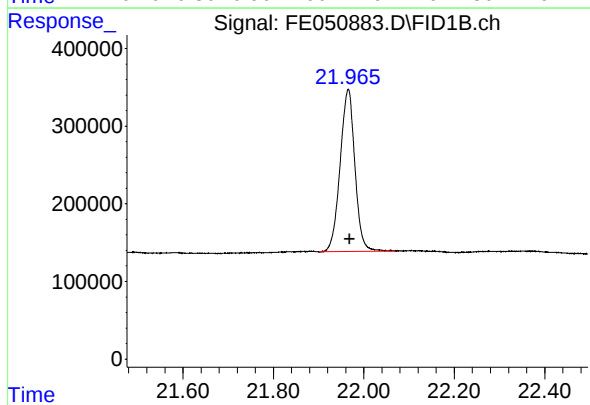
#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.005 min
Response: 5322207
Conc: 43.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.004 min
Response: 4731225
Conc: 42.49 ug/ml