

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
 Data File : FE049490.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2024 14:21
 Operator : YP\AJ
 Sample : PB162551BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162551BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/08/2024

Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e

Quant Time: Aug 08 01:09:35 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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)	11.893	6438561	41.511 ug/ml
Spiked Amount 50.000		Recovery =	83.02%
12) S 1-chlorooctadecane (S...	13.327	5106730	43.709 ug/ml
Spiked Amount 50.000		Recovery =	87.42%
Target Compounds			
1) T n-Nonane (C9)	3.290	6368532	42.347 ug/ml
2) T n-Decane (C10)	4.536	6864598	44.445 ug/ml
3) T A~Naphthalene (C11.7)	6.239	7986283	51.259 ug/ml
4) T n-Dodecane (C12)	6.700	7032526	45.672 ug/ml
5) T A~2-methylnaphthalene...	7.335	7897855	54.270 ug/mlm
6) T n-Tetradecane (C14)	8.528	7536379	49.655 ug/ml
7) T n-Hexadecane (C16)	10.133	7683098	50.662 ug/ml
8) T n-Octadecane (C18)	11.576	7699292	50.709 ug/ml
10) T n-Eicosane (C20)	12.884	7738766	53.516 ug/ml
11) T n-Heneicosane (C21)	13.495	7527062	53.079 ug/ml
13) T n-Docosane (C22)	14.080	7455755	53.068 ug/ml
14) T n-Tetracosane (C24)	15.177	14637858	104.443 ug/ml
15) T n-Hexacosane (C26)	16.203	7452276	53.146 ug/ml
16) T n-Octacosane (C28)	17.150	7968871	56.934 ug/ml
17) T n-Tricontane (C30)	18.038	7578945	51.956 ug/ml
18) T n-Dotriacontane (C32)	18.869	7422372	50.479 ug/ml
19) T n-Tetratriacontane (C34)	19.652	7883645	53.972 ug/ml
20) T n-Hexatriacontane (C36)	20.391	7993116	55.447 ug/ml
21) T n-Octatriacontane (C38)	21.120	8307679	55.499 ug/ml
22) T n-Tetracontane (C40)	22.017	8006322	53.055 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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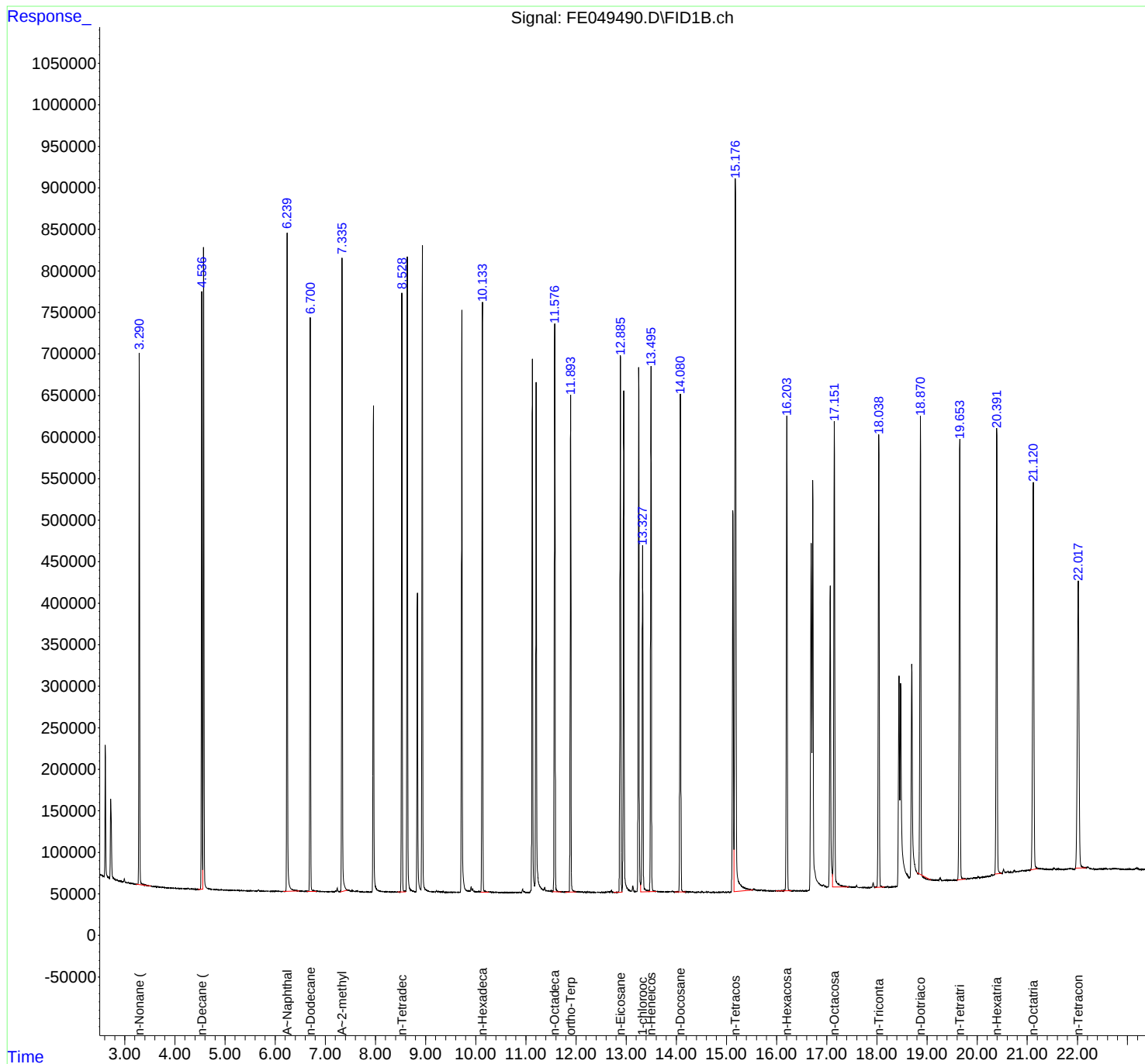
Response via : Initial Calibration

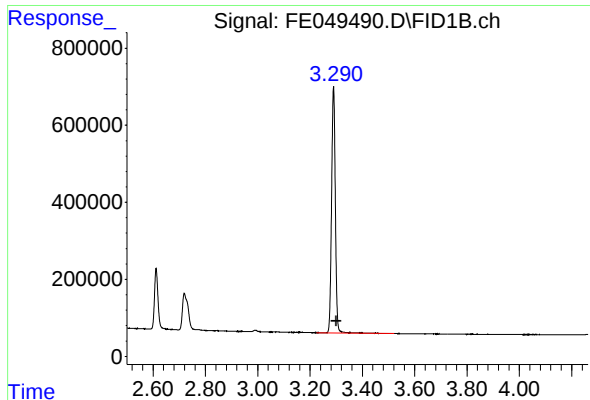
Integrator: ChemStation

Volume Inj. : 1 ul

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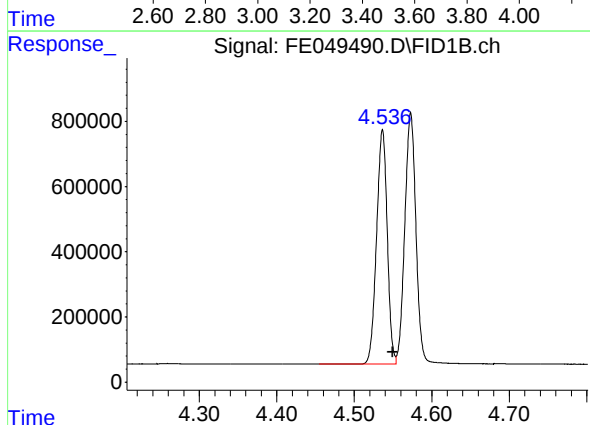
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 6368532
Conc: 42.35 ug/ml

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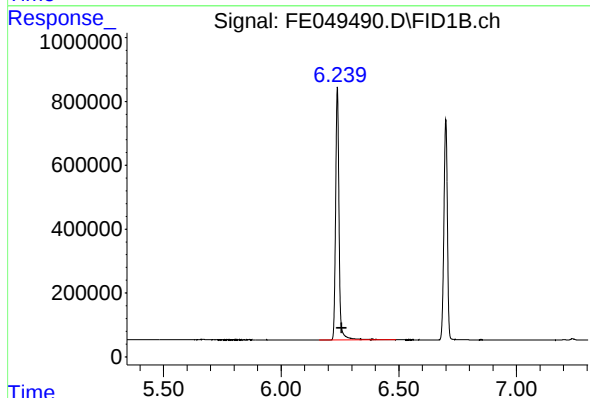
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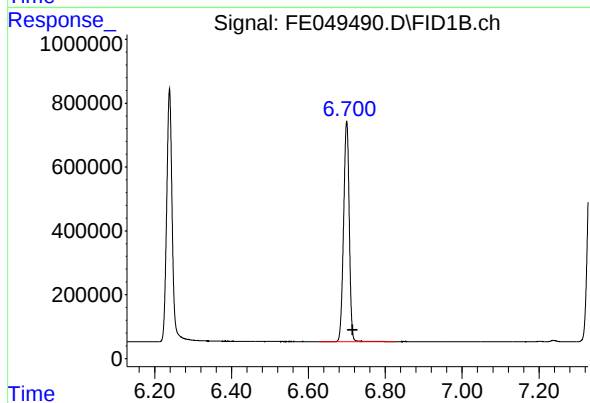
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.013 min
Response: 6864598
Conc: 44.44 ug/ml



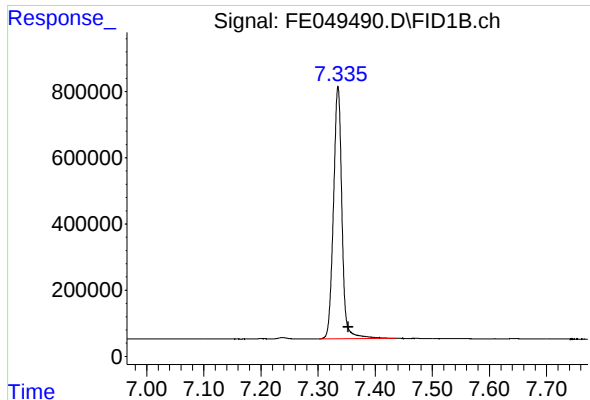
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.018 min
Response: 7986283
Conc: 51.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.015 min
Response: 7032526
Conc: 45.67 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.018 min
Response: 7897855
Conc: 54.27 ug/ml

Instrument :

FID_E

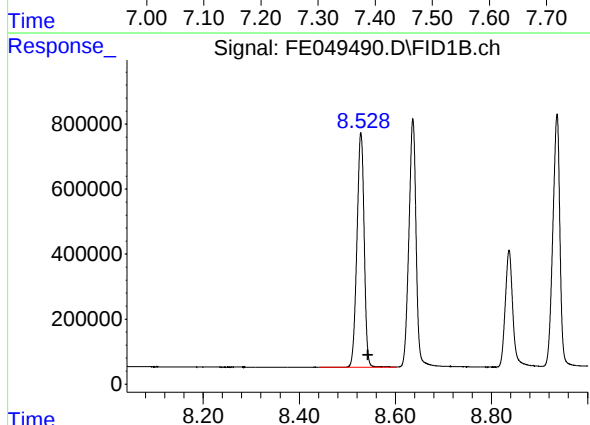
ClientSampleId :

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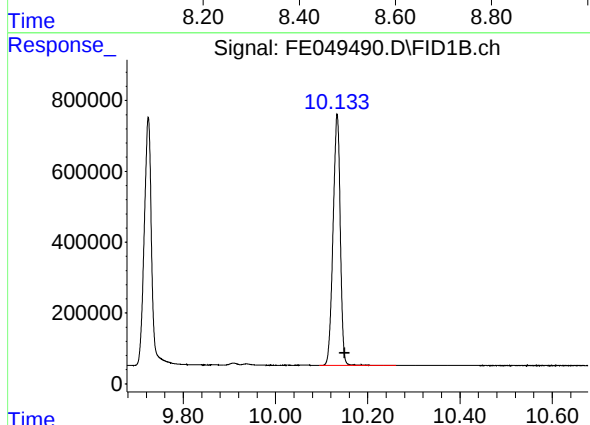
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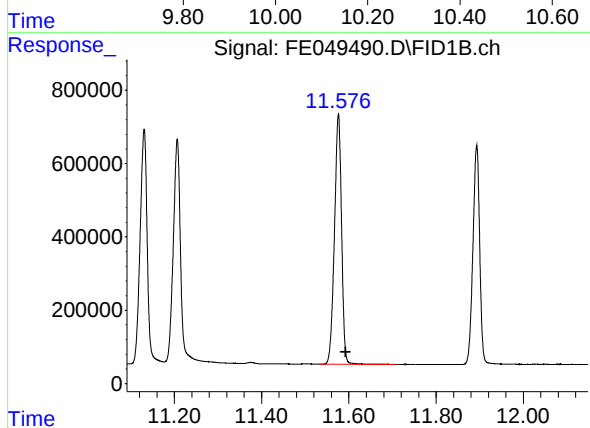
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 7536379
Conc: 49.66 ug/ml



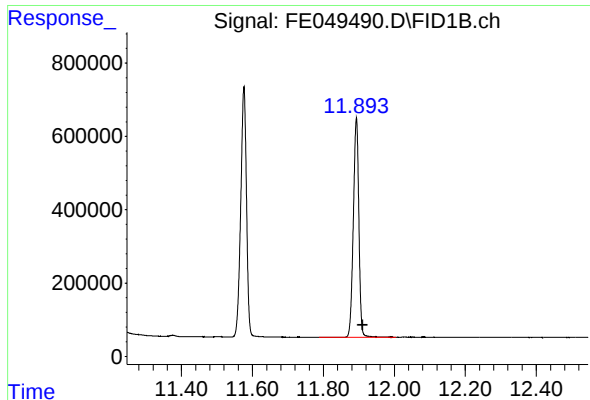
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.017 min
Response: 7683098
Conc: 50.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.017 min
Response: 7699292
Conc: 50.71 ug/ml



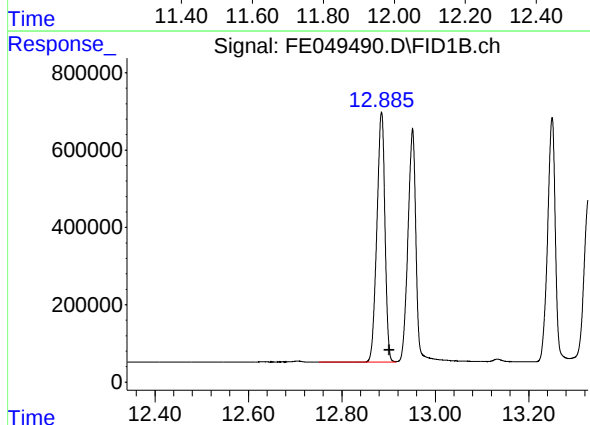
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.018 min
Response: 6438561
Conc: 41.51 ug/ml

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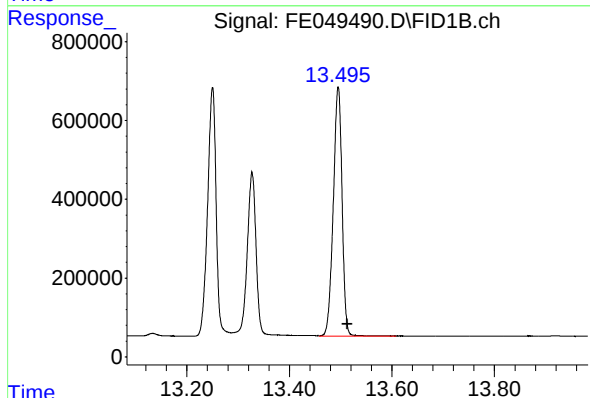
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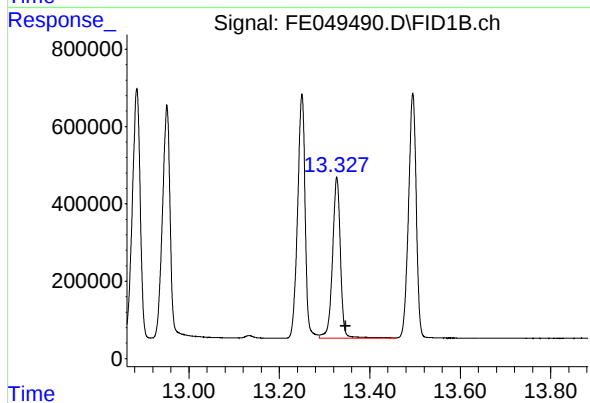
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.017 min
Response: 7738766
Conc: 53.52 ug/ml



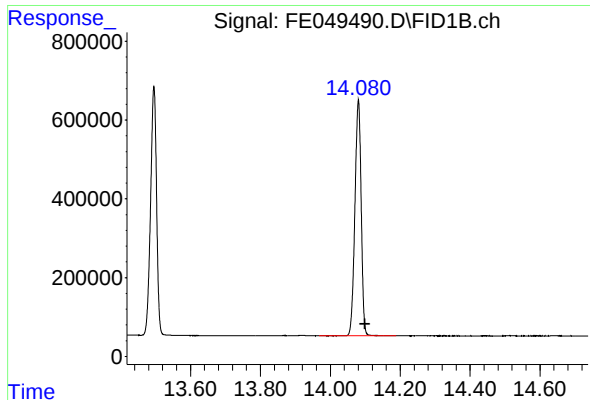
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.018 min
Response: 7527062
Conc: 53.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.020 min
Response: 5106730
Conc: 43.71 ug/ml



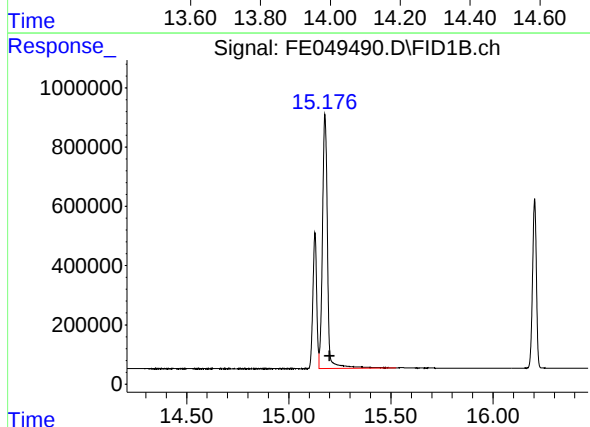
#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: -0.019 min
Response: 7455755
Conc: 53.07 ug/ml

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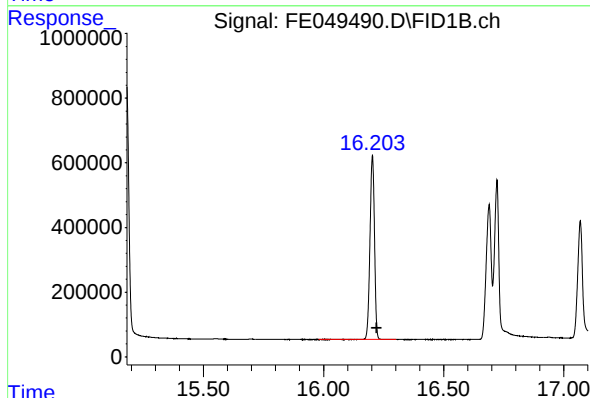
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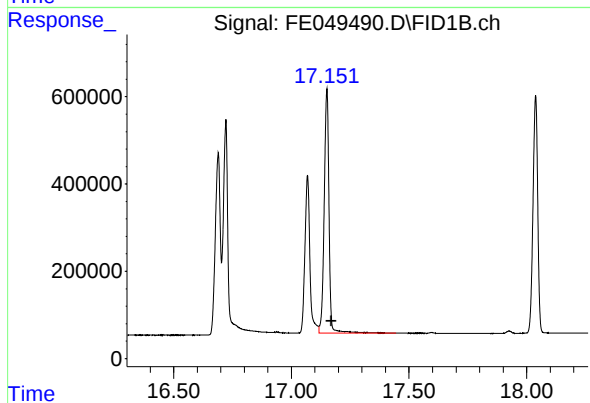
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.023 min
Response: 14637858
Conc: 104.44 ug/ml



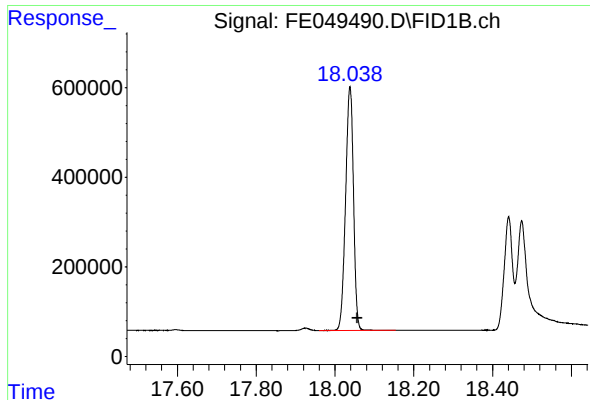
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.018 min
Response: 7452276
Conc: 53.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 7968871
Conc: 56.93 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.019 min
Response: 7578945
Conc: 51.96 ug/ml

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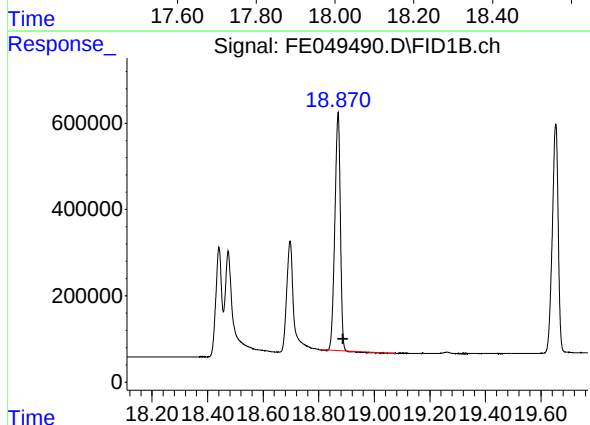
ClientSampleId :

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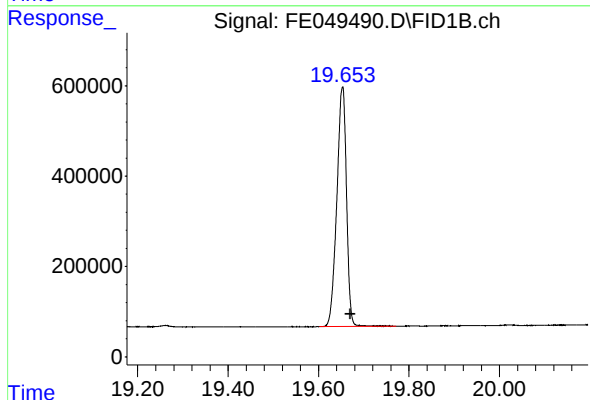
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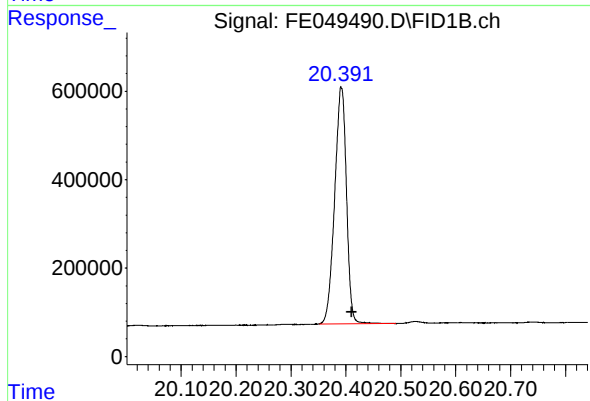
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.019 min
Response: 7422372
Conc: 50.48 ug/ml



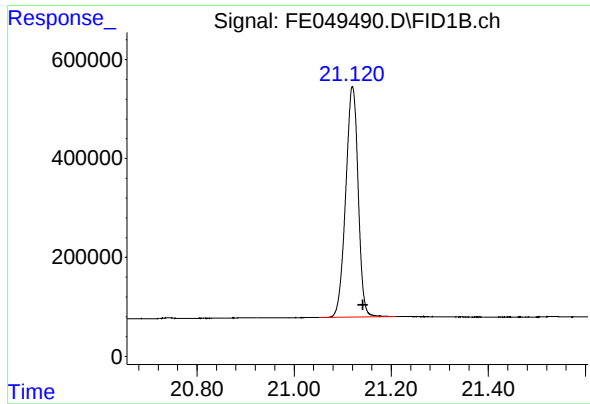
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.019 min
Response: 7883645
Conc: 53.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: -0.019 min
Response: 7993116
Conc: 55.45 ug/ml



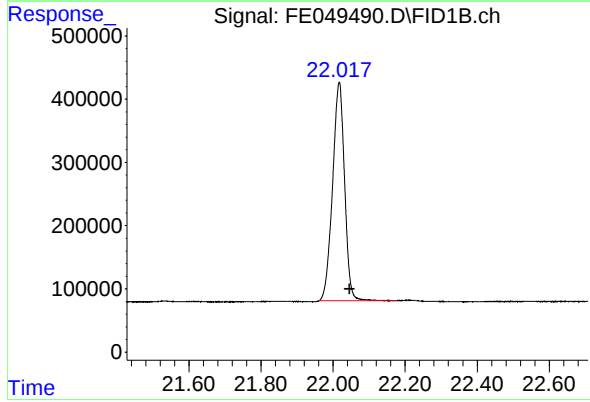
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.022 min
Response: 8307679
Conc: 55.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.017 min
Delta R.T.: -0.030 min
Response: 8006322
Conc: 53.06 ug/ml