

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112624AL\
 Data File : FE051464.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2024 13:45
 Operator : YP\AJ
 Sample : PB165256BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165256BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :Ankita Jodhani 11/27/2024

Integration File: autoint1.e

Quant Time: Nov 27 00:34:06 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)	11.837	6318043	42.093 ug/ml
Spiked Amount 50.000		Recovery =	84.19%
12) S 1-chlorooctadecane (S...	13.269	5474516	48.220 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
Target Compounds			
1) T n-Nonane (C9)	3.236	5260472	38.018 ug/ml
2) T n-Decane (C10)	4.479	5574692	39.769 ug/ml
3) T A~Naphthalene (C11.7)	6.188	5828977	44.209 ug/ml
4) T n-Dodecane (C12)	6.642	5938671	42.059 ug/ml
5) T A~2-methylnaphthalene...	7.283	5333535	42.636 ug/ml
6) T n-Tetradecane (C14)	8.469	6160914	44.208 ug/ml
7) T n-Hexadecane (C16)	10.073	6115765	43.097 ug/ml
8) T n-Octadecane (C18)	11.515	6156435	43.111 ug/ml
10) T n-Eicosane (C20)	12.823	6203784	45.331 ug/ml
11) T n-Heneicosane (C21)	13.433	5940588	44.451 ug/ml
13) T n-Docosane (C22)	14.019	5899867	44.376 ug/ml
14) T n-Tetracosane (C24)	15.123	10870849	81.947 ug/mlm
15) T n-Hexacosane (C26)	16.141	5743698	42.905 ug/ml
16) T n-Octacosane (C28)	17.088	6489557	47.602 ug/ml
17) T n-Tricontane (C30)	17.976	5713120	39.323 ug/mlm
18) T n-Dotriacontane (C32)	18.807	5909549	39.800 ug/ml
19) T n-Tetratriacontane (C34)	19.589	5618462	41.815 ug/ml
20) T n-Hexatriacontane (C36)	20.328	5510795	46.186 ug/ml
21) T n-Octatriacontane (C38)	21.050	5475995	48.113 ug/ml
22) T n-Tetracontane (C40)	21.926	5674254	51.018 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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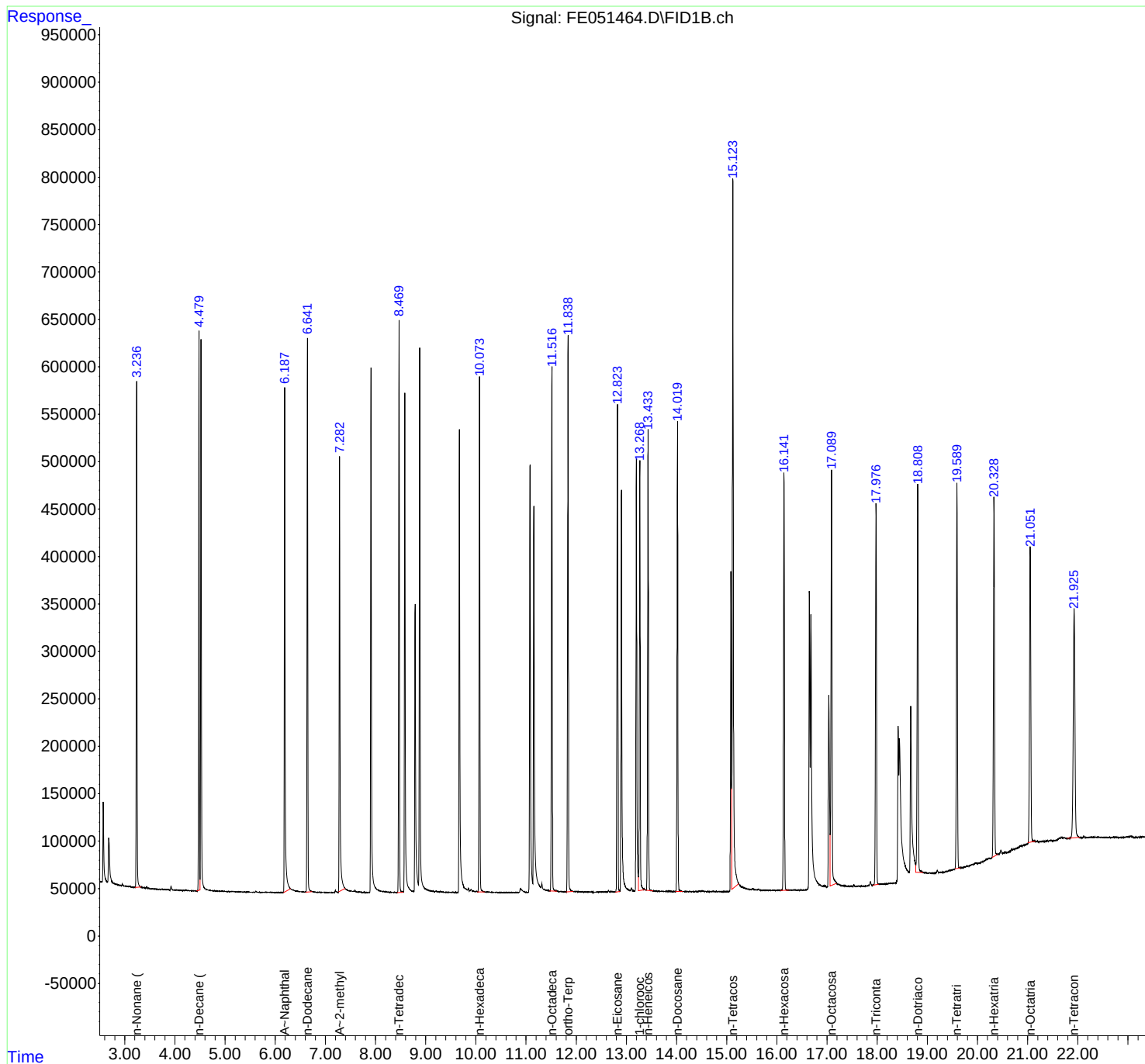
Response via : Initial Calibration

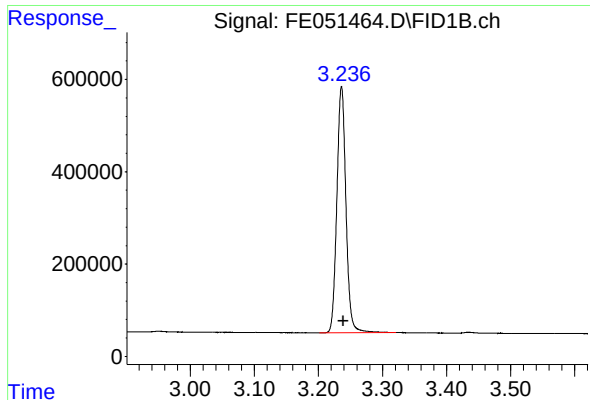
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 5260472
Conc: 38.02 ug/ml

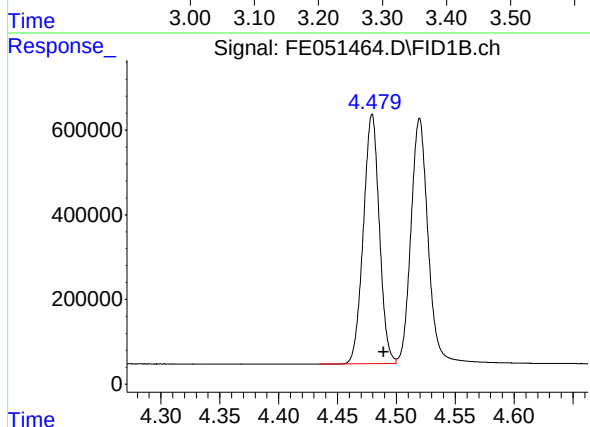
Instrument :

FID_E

ClientSampleId :
PB165256BS

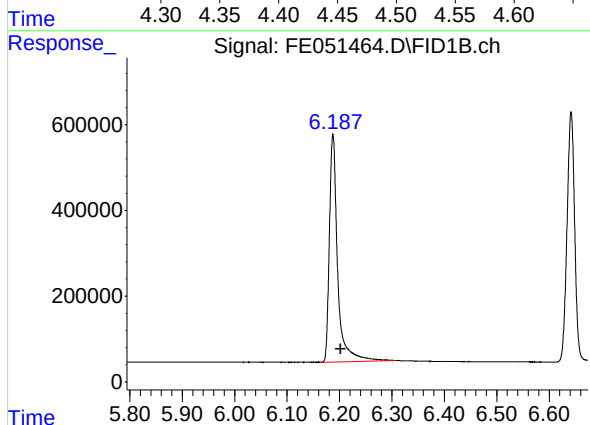
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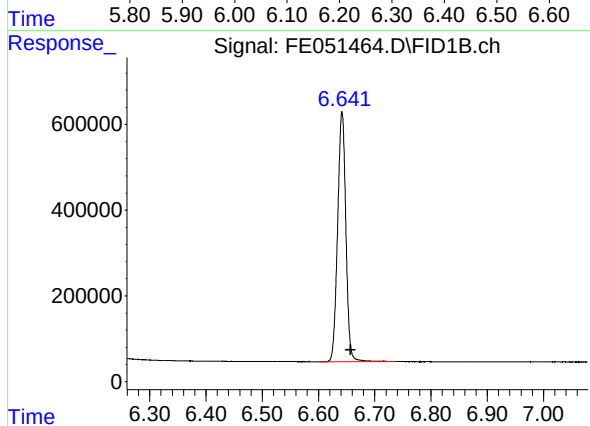
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.010 min
Response: 5574692
Conc: 39.77 ug/ml



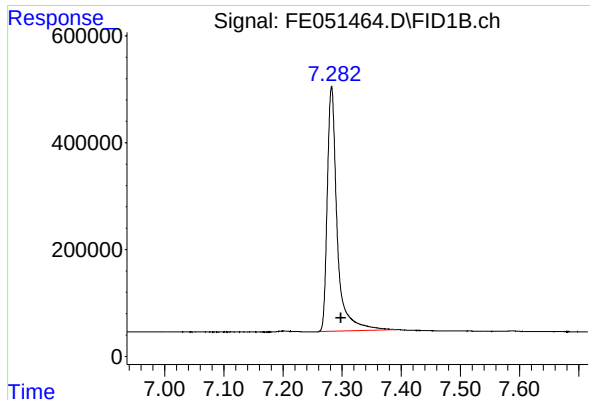
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: -0.014 min
Response: 5828977
Conc: 44.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.642 min
Delta R.T.: -0.016 min
Response: 5938671
Conc: 42.06 ug/ml



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

R.T.: 7.283 min
Delta R.T.: -0.015 min
Response: 5333535
Conc: 42.64 ug/ml

Instrument :

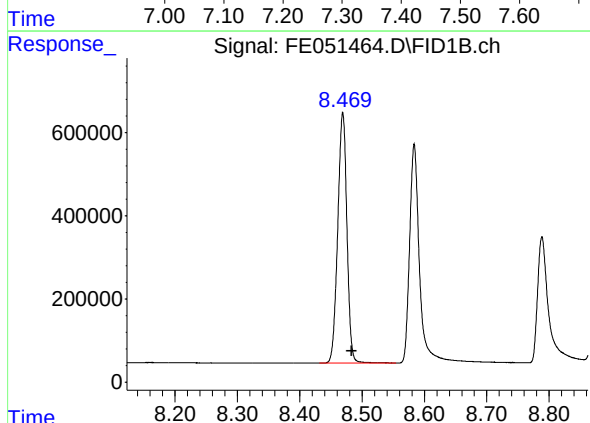
FID_E

ClientSampleId :

PB165256BS

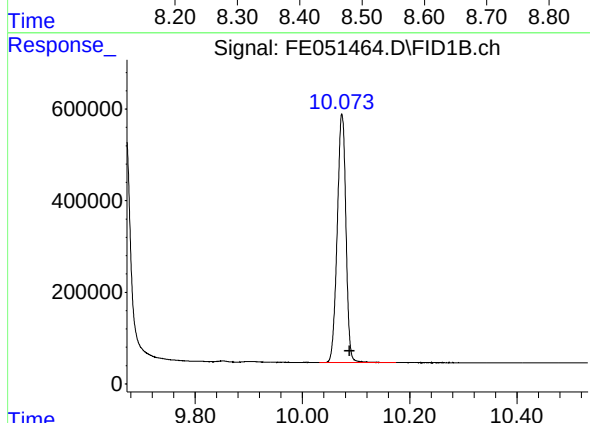
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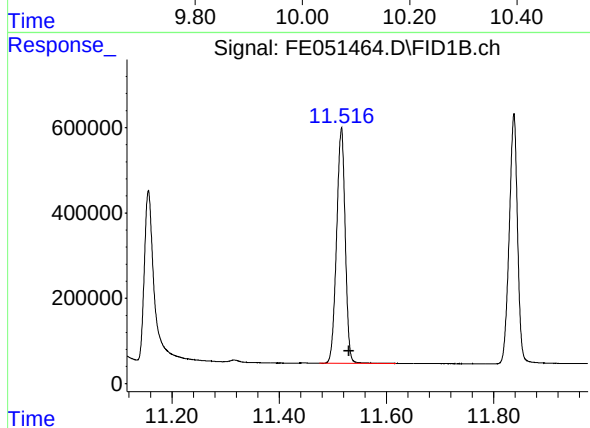
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.015 min
Response: 6160914
Conc: 44.21 ug/ml



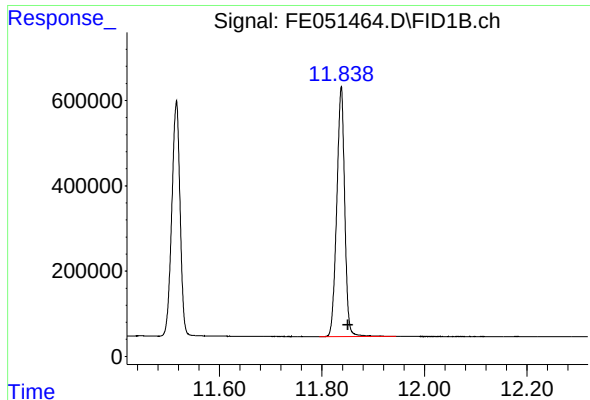
#7 n-Hexadecane (C16)

R.T.: 10.073 min
Delta R.T.: -0.015 min
Response: 6115765
Conc: 43.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.014 min
Response: 6156435
Conc: 43.11 ug/ml



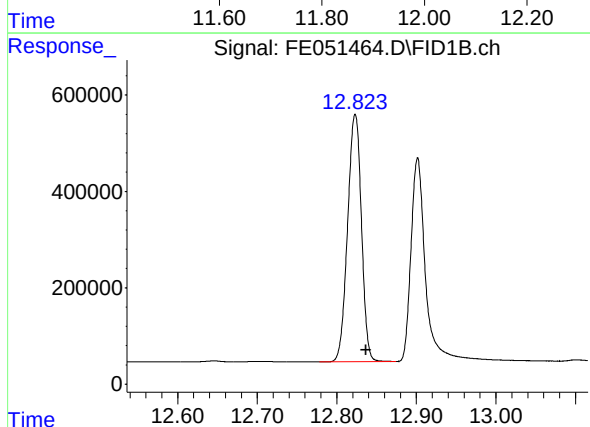
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.013 min
Response: 6318043
Conc: 42.09 ug/ml

Instrument :
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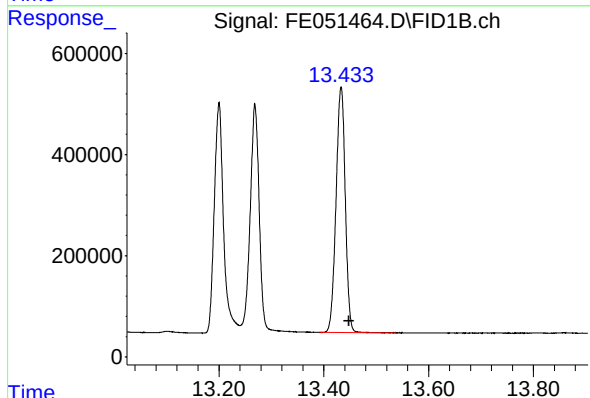
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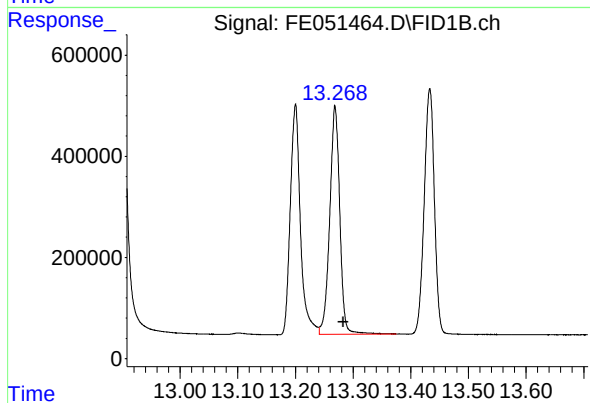
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.014 min
Response: 6203784
Conc: 45.33 ug/ml



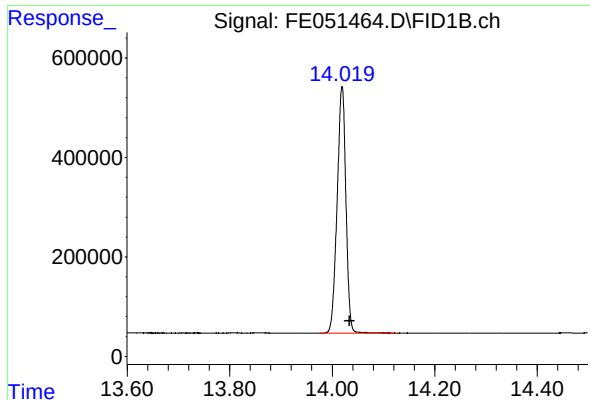
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: -0.015 min
Response: 5940588
Conc: 44.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.014 min
Response: 5474516
Conc: 48.22 ug/ml



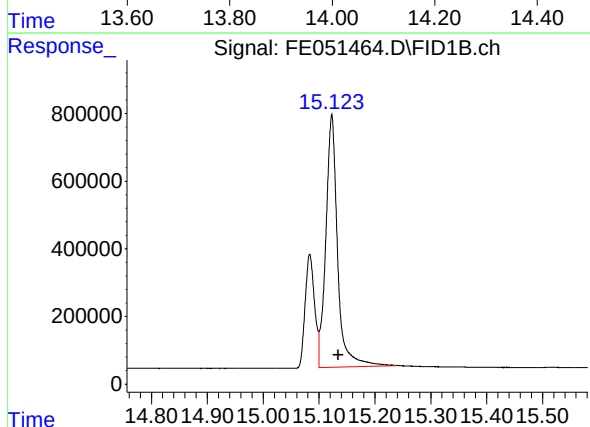
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: -0.015 min
Response: 5899867
Conc: 44.38 ug/ml

Instrument :
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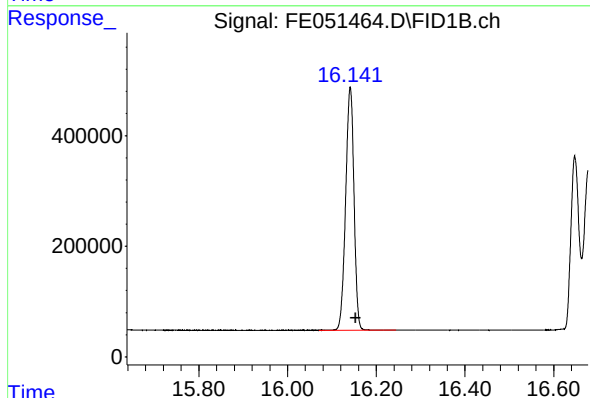
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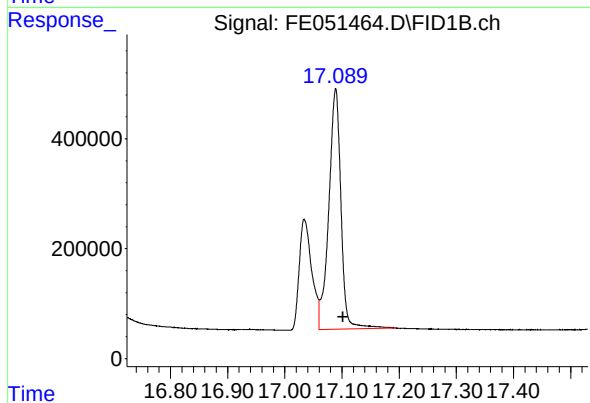
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: -0.012 min
Response: 10870849
Conc: 81.95 ug/ml m



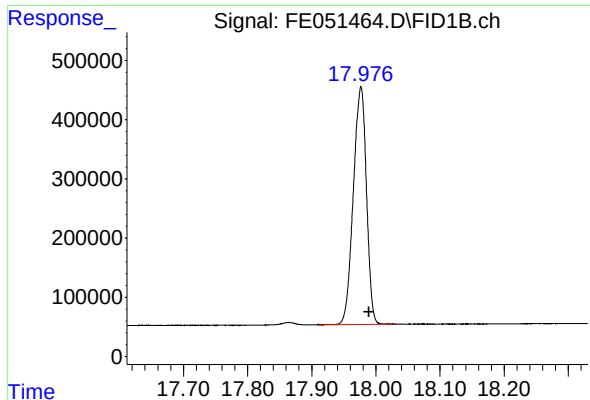
#15 n-Hexacosane (C26)

R.T.: 16.141 min
Delta R.T.: -0.013 min
Response: 5743698
Conc: 42.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.088 min
Delta R.T.: -0.014 min
Response: 6489557
Conc: 47.60 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.976 min
Delta R.T.: -0.013 min
Response: 5713120
Conc: 39.32 ug/ml

Instrument :

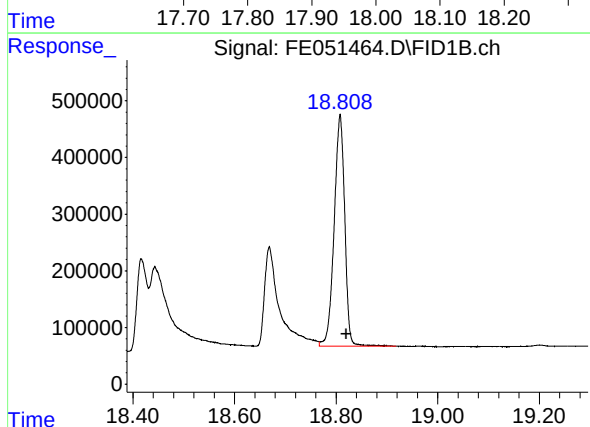
FID_E

ClientSampleId :

PB165256BS

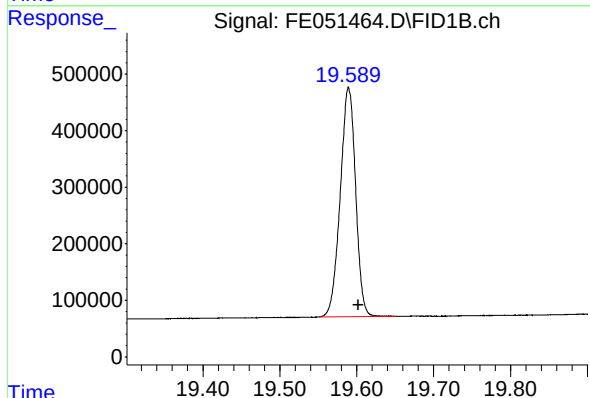
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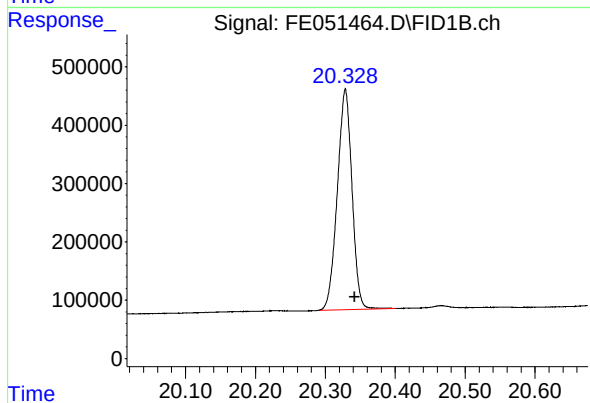
#18 n-Dotriacontane (C32)

R.T.: 18.807 min
Delta R.T.: -0.013 min
Response: 5909549
Conc: 39.80 ug/ml



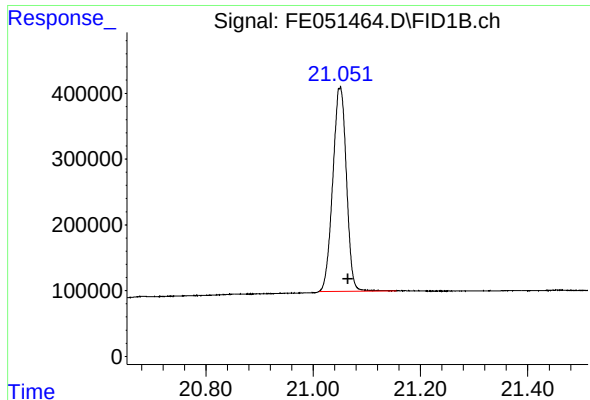
#19 n-Tetratriacontane (C34)

R.T.: 19.589 min
Delta R.T.: -0.013 min
Response: 5618462
Conc: 41.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.013 min
Response: 5510795
Conc: 46.19 ug/ml



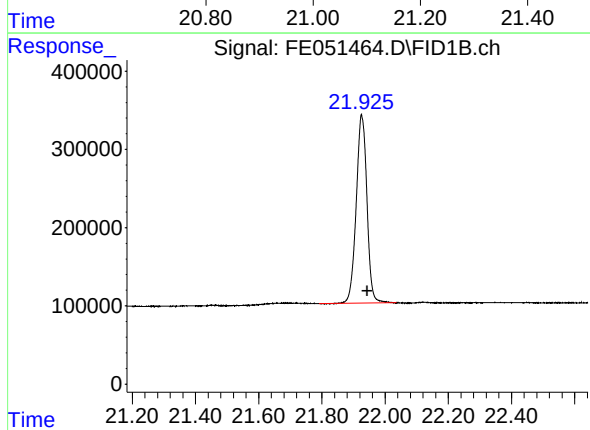
#21 n-Octatriacontane (C38)

R.T.: 21.050 min
Delta R.T.: -0.015 min
Response: 5475995
Conc: 48.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.926 min
Delta R.T.: -0.018 min
Response: 5674254
Conc: 51.02 ug/ml