

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082824AL\
 Data File : FE049815.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2024 11:32
 Operator : YP\AJ
 Sample : P3739-09MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-2MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/29/2024

Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e

Quant Time: Aug 29 01:37:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.885	7758815	47.979 ug/ml
Spiked Amount 50.000		Recovery =	95.96%
12) S 1-chlorooctadecane (S...	13.318	5242093	42.966 ug/ml
Spiked Amount 50.000		Recovery =	85.93%
Target Compounds			
1) T n-Nonane (C9)	3.271	4951644	31.997 ug/ml
2) T n-Decane (C10)	4.523	5871038	37.184 ug/mlm
3) T A~Naphthalene (C11.7)	6.229	6383983	39.787 ug/ml
4) T n-Dodecane (C12)	6.690	6742544	42.889 ug/ml
5) T A~2-methylnaphthalene...	7.325	6572700	43.890 ug/ml
6) T n-Tetradecane (C14)	8.519	7188636	46.565 ug/ml
7) T n-Hexadecane (C16)	10.124	7287875	46.663 ug/ml
8) T n-Octadecane (C18)	11.565	7439588	47.370 ug/ml
10) T n-Eicosane (C20)	12.874	7428583	49.754 ug/ml
11) T n-Heneicosane (C21)	13.485	7232734	49.304 ug/ml
13) T n-Docosane (C22)	14.071	7124413	48.880 ug/ml
14) T n-Tetracosane (C24)	15.166	12847197	88.318 ug/ml
15) T n-Hexacosane (C26)	16.192	6989424	48.428 ug/ml
16) T n-Octacosane (C28)	17.140	7748309	53.793 ug/ml
17) T n-Tricontane (C30)	18.028	7236610	48.340 ug/ml
18) T n-Dotriacontane (C32)	18.859	7249549	47.921 ug/ml
19) T n-Tetratriacontane (C34)	19.642	7591493	49.656 ug/ml
20) T n-Hexatriacontane (C36)	20.380	7632086	50.260 ug/ml
21) T n-Octatriacontane (C38)	21.109	7899812	50.332 ug/ml
22) T n-Tetracontane (C40)	22.002	7761267	50.834 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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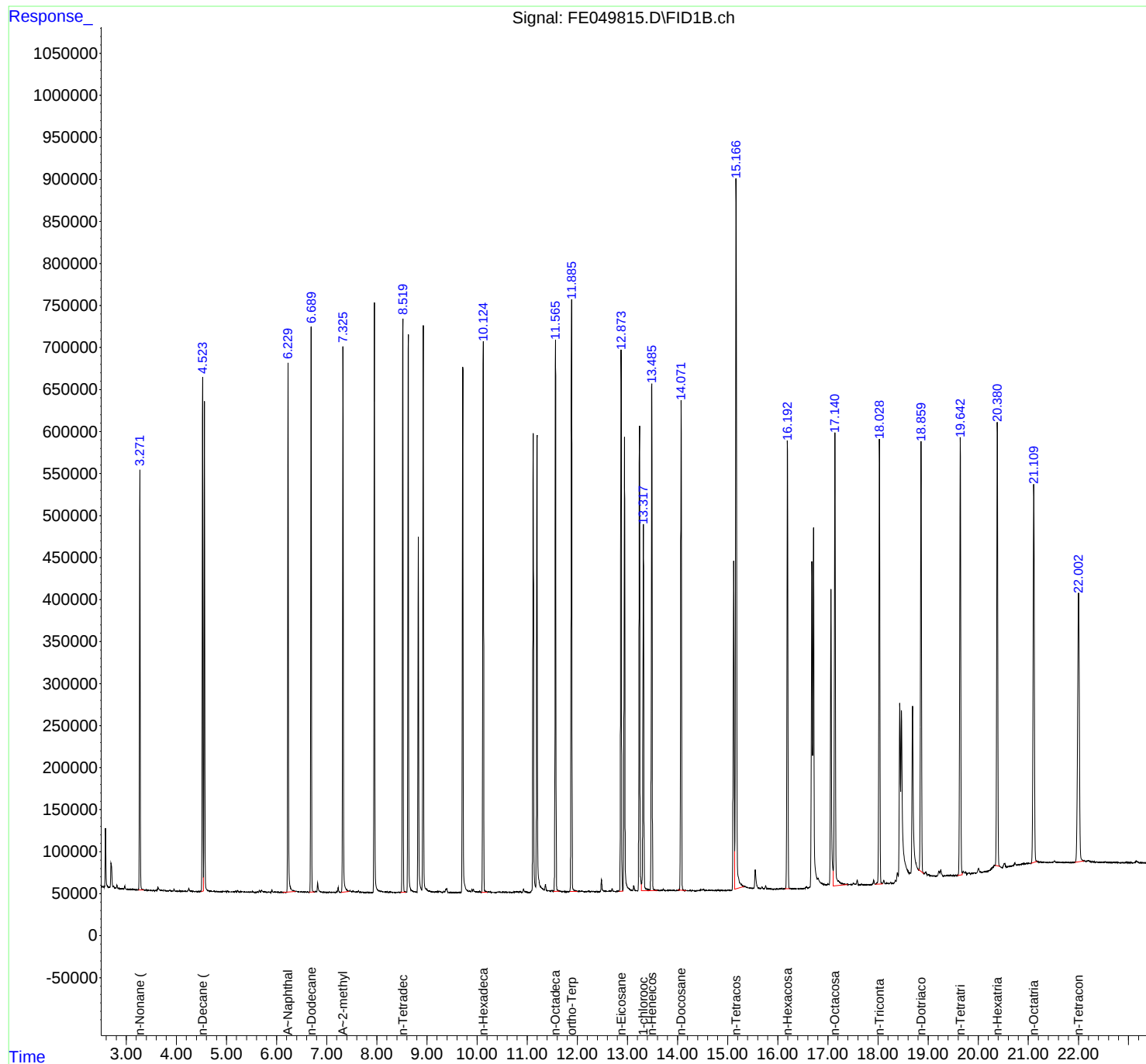
Response via : Initial Calibration

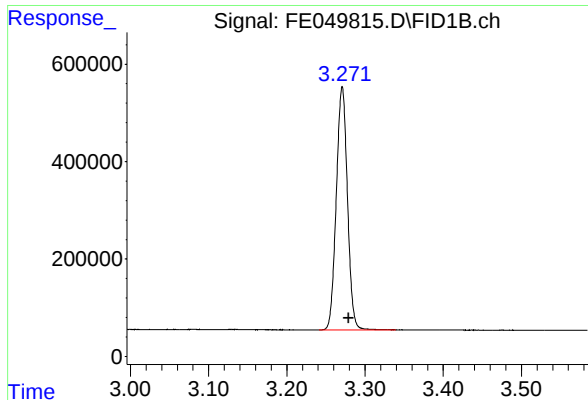
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





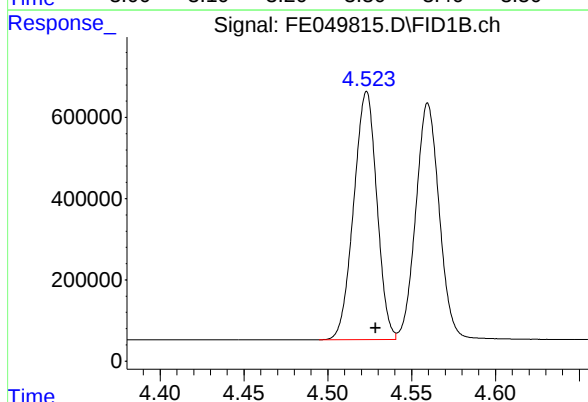
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.008 min
Response: 4951644
Conc: 32.00 ug/ml

Instrument :
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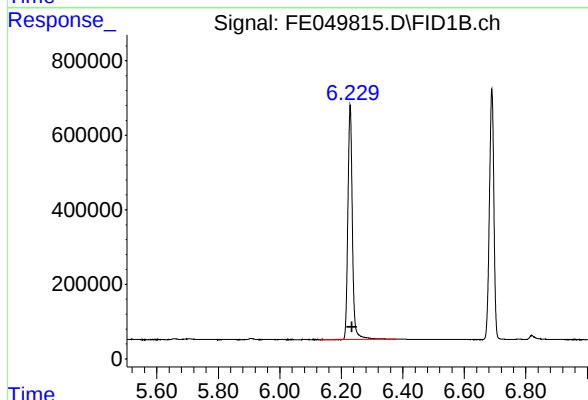
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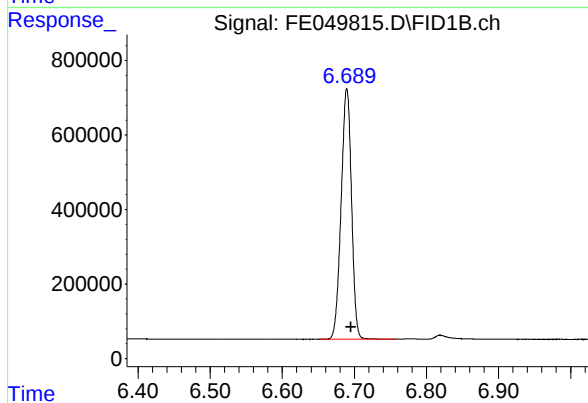
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.006 min
Response: 5871038
Conc: 37.18 ug/ml



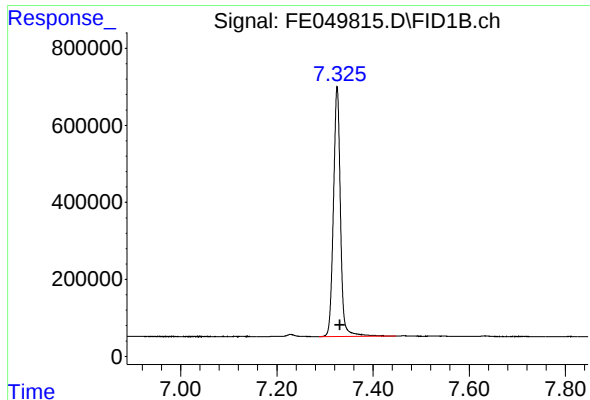
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.006 min
Response: 6383983
Conc: 39.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.006 min
Response: 6742544
Conc: 42.89 ug/ml



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

R.T.: 7.325 min
Delta R.T.: -0.006 min
Response: 6572700
Conc: 43.89 ug/ml

Instrument :

FID_E

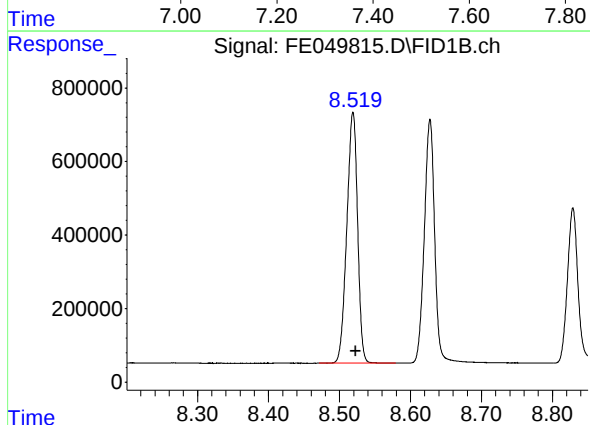
ClientSampleId :

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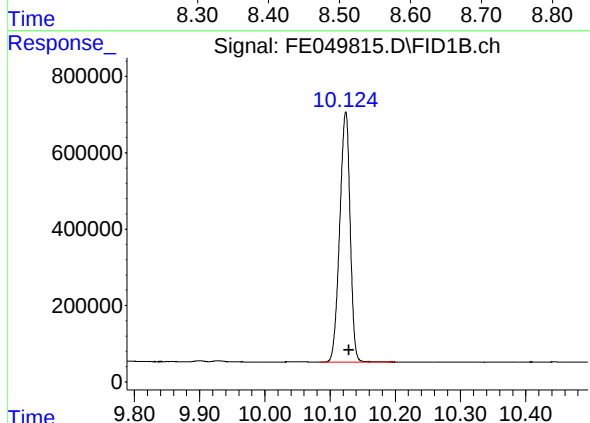
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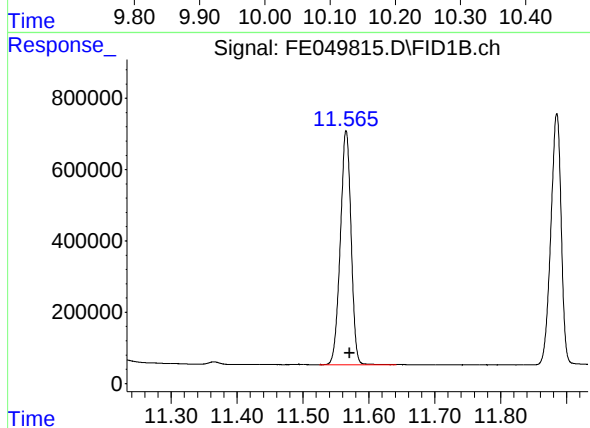
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.004 min
Response: 7188636
Conc: 46.56 ug/ml



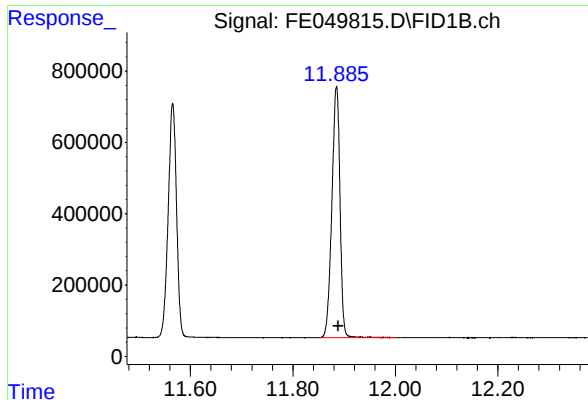
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.005 min
Response: 7287875
Conc: 46.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: -0.005 min
Response: 7439588
Conc: 47.37 ug/ml



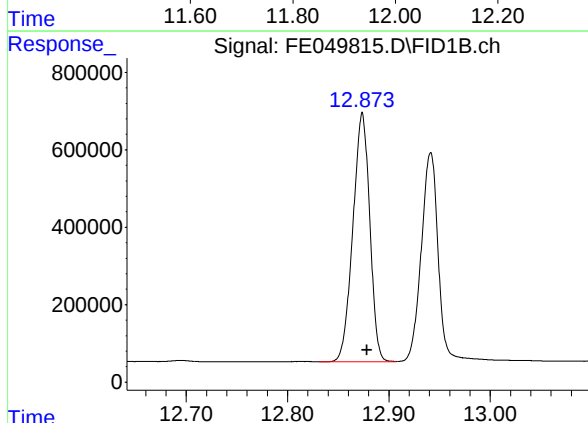
#9 ortho-Terphenyl (SURR)

R.T.: 11.885 min
Delta R.T.: -0.004 min
Response: 7758815
Conc: 47.98 ug/ml

Instrument :
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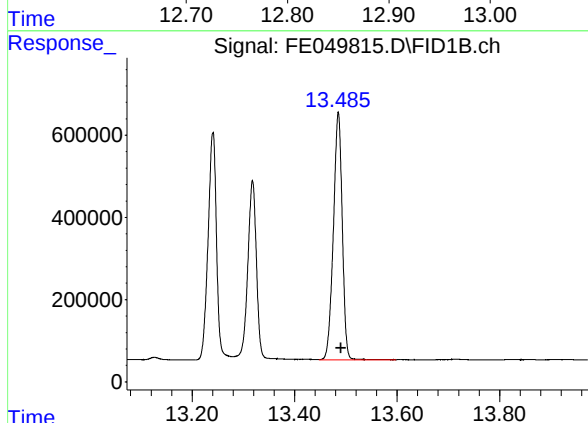
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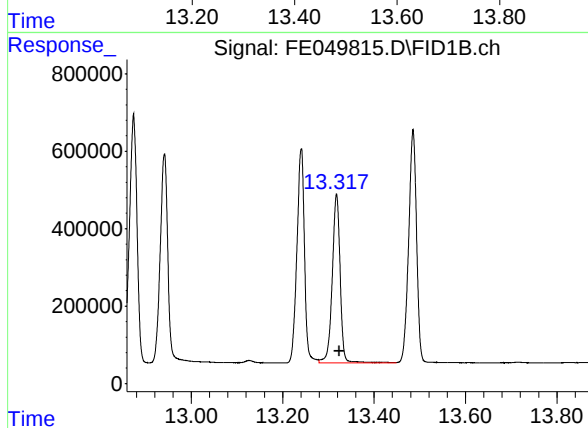
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.005 min
Response: 7428583
Conc: 49.75 ug/ml



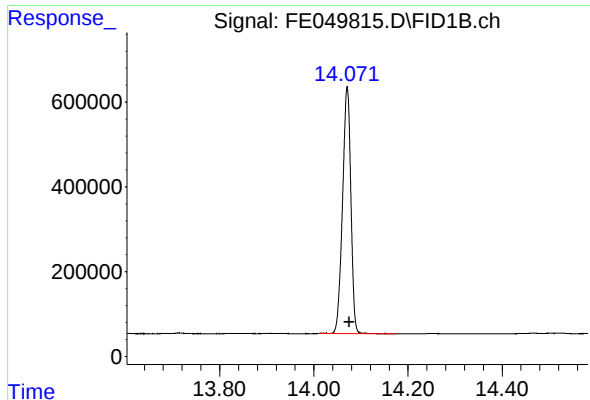
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.005 min
Response: 7232734
Conc: 49.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: -0.006 min
Response: 5242093
Conc: 42.97 ug/ml



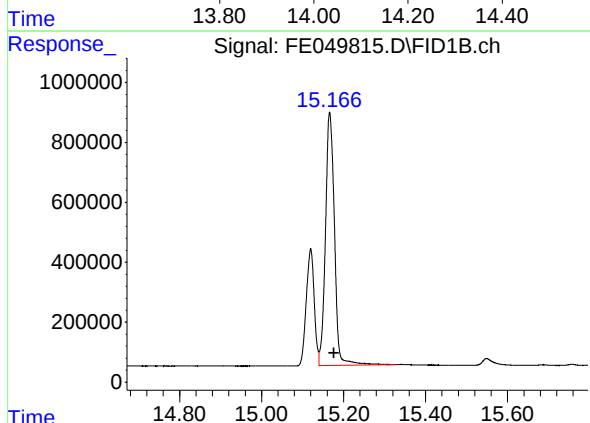
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: -0.004 min
Response: 7124413
Conc: 48.88 ug/ml

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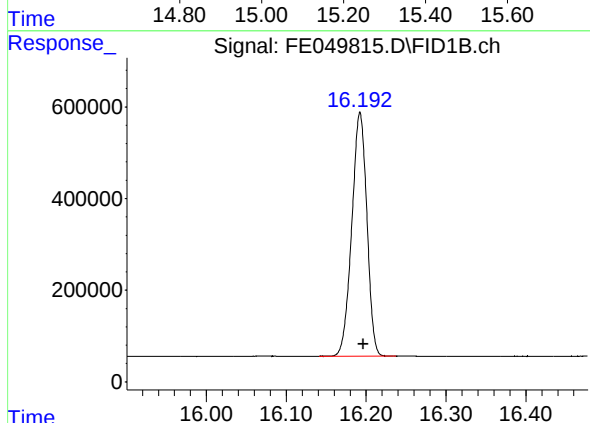
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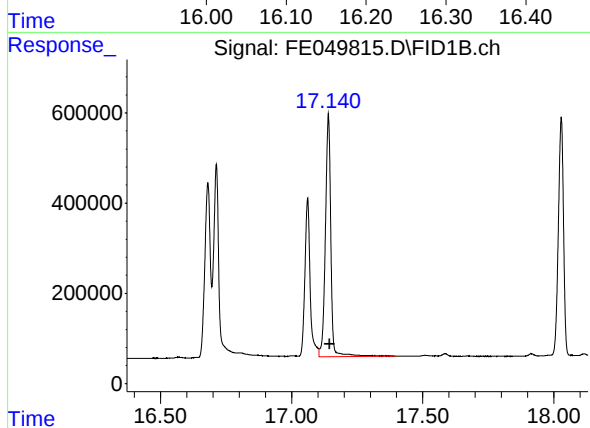
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.010 min
Response: 12847197
Conc: 88.32 ug/ml



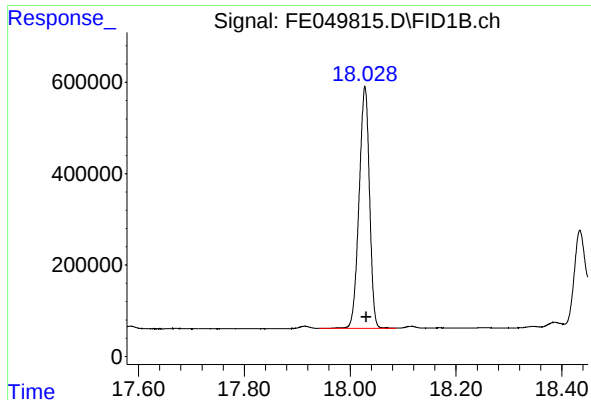
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.004 min
Response: 6989424
Conc: 48.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: -0.005 min
Response: 7748309
Conc: 53.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 7236610
Conc: 48.34 ug/ml

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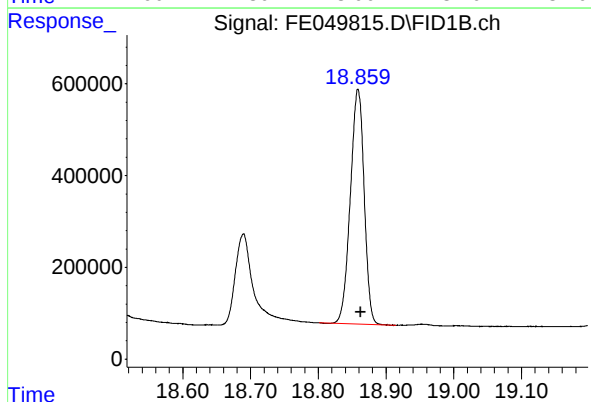
ClientSampleId :

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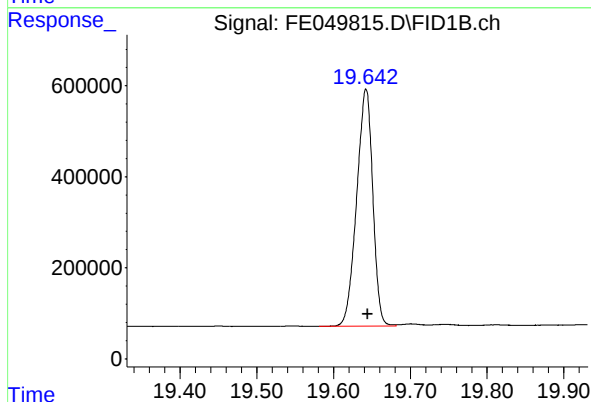
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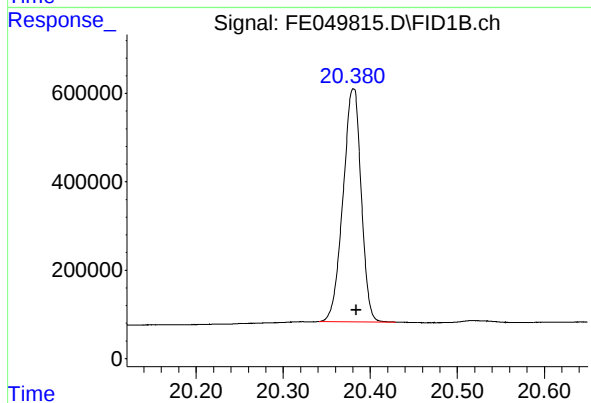
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.004 min
Response: 7249549
Conc: 47.92 ug/ml



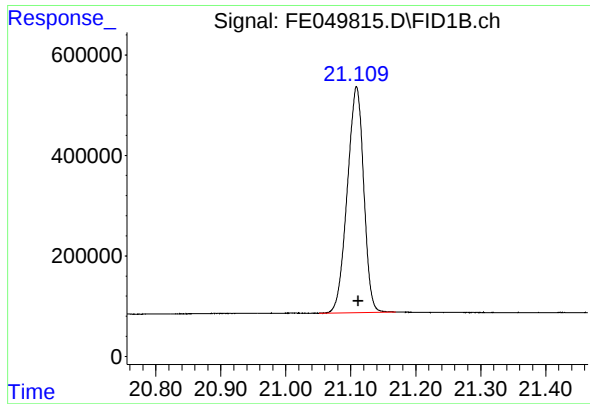
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.002 min
Response: 7591493
Conc: 49.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 7632086
Conc: 50.26 ug/ml



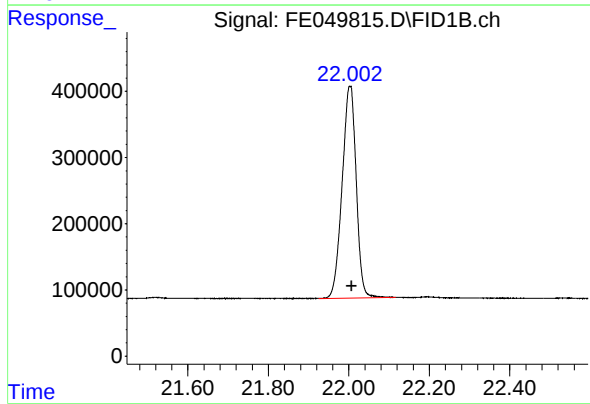
#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.003 min
Response: 7899812
Conc: 50.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.005 min
Response: 7761267
Conc: 50.83 ug/ml m