

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011024AL\
 Data File : FE046151.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2024 17:04
 Operator : YP\AJ
 Sample : PB158347BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158347BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :Ankita Jodhani 01/11/2024

Integration File: autoint1.e
 Quant Time: Jan 11 01:15:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.838	8828001	48.579 ug/ml
Spiked Amount 50.000		Recovery =	97.16%
12) S 1-chlorooctadecane (S...	13.282	7060856	52.847 ug/ml
Spiked Amount 50.000		Recovery =	105.69%
Target Compounds			
1) T n-Nonane (C9)	3.231	5832148	38.107 ug/ml
2) T n-Decane (C10)	4.476	6258747	40.328 ug/ml
3) T A~Naphthalene (C11.7)	6.176	7834150	47.107 ug/ml
4) T n-Dodecane (C12)	6.639	7196159	46.089 ug/ml
5) T A~2-methylnaphthalene...	7.271	8047507	50.546 ug/ml
6) T n-Tetradecane (C14)	8.468	7896575	50.693 ug/ml
7) T n-Hexadecane (C16)	10.077	8110772	51.218 ug/ml
8) T n-Octadecane (C18)	11.524	8167478	51.892 ug/ml
10) T n-Eicosane (C20)	12.836	8110228	53.611 ug/ml
11) T n-Heneicosane (C21)	13.449	7744273	52.664 ug/ml
13) T n-Docosane (C22)	14.036	7622707	52.149 ug/ml
14) T n-Tetracosane (C24)	15.140	16950797	116.875 ug/ml
15) T n-Hexacosane (C26)	16.168	7221265	50.369 ug/ml
16) T n-Octacosane (C28)	17.119	8903763	62.082 ug/mlm
17) T n-Tricontane (C30)	18.012	7082412	47.649 ug/ml
18) T n-Dotriacontane (C32)	18.846	7840763	52.425 ug/mlm
19) T n-Tetratriacontane (C34)	19.632	7086584	49.468 ug/ml
20) T n-Hexatriacontane (C36)	20.376	6987741	47.927 ug/ml
21) T n-Octatriacontane (C38)	21.109	7511714	50.941 ug/ml
22) T n-Tetracontane (C40)	22.011	7564178	48.325 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

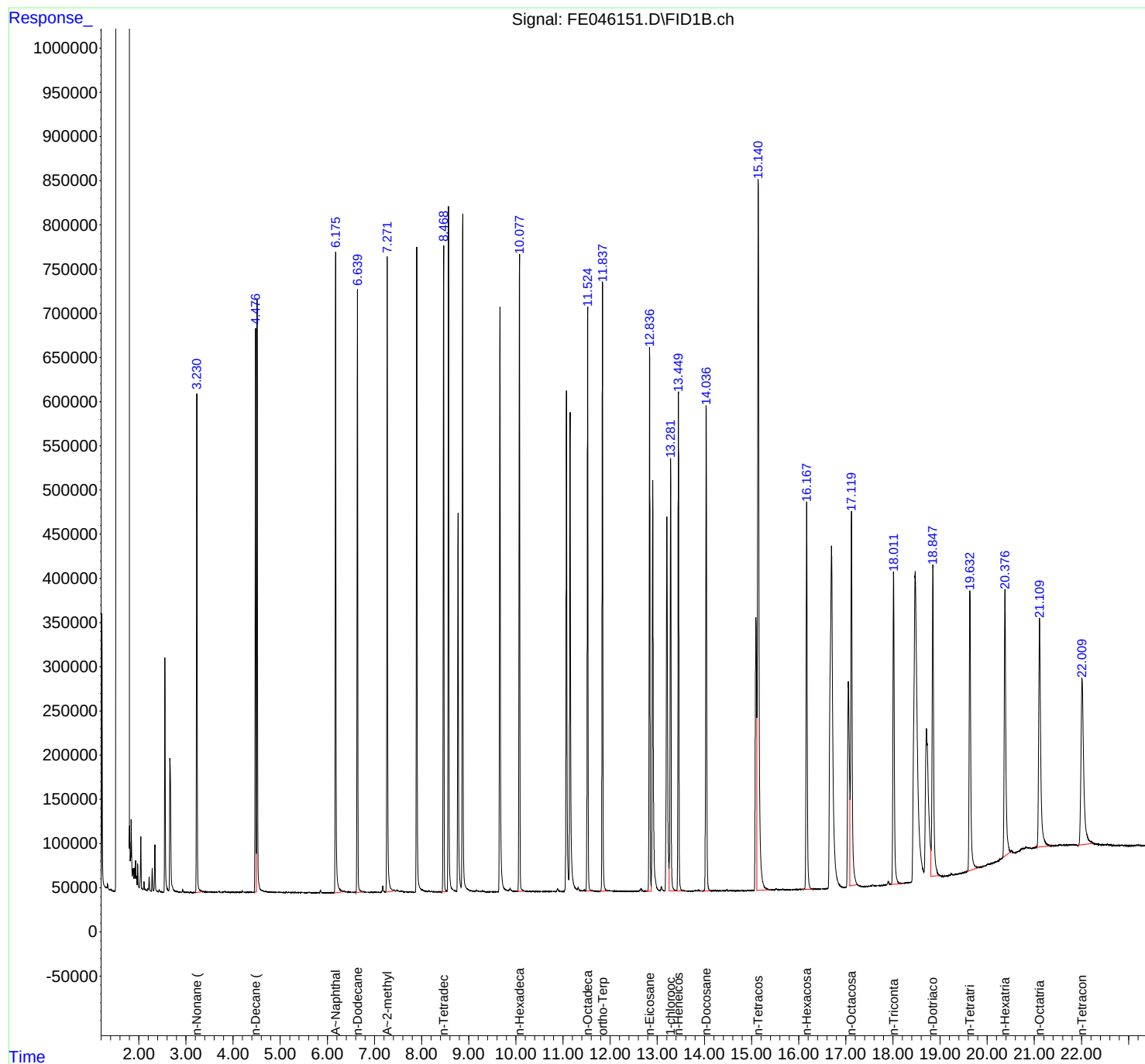
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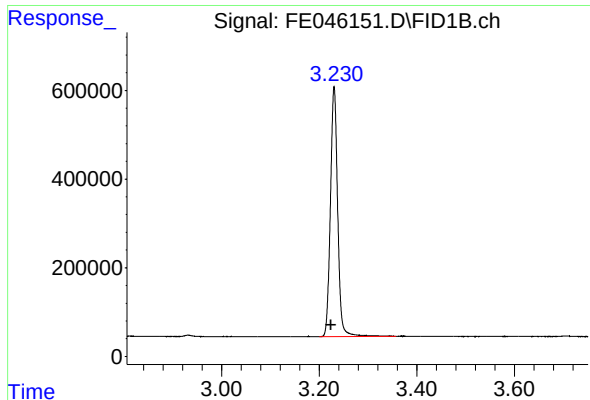
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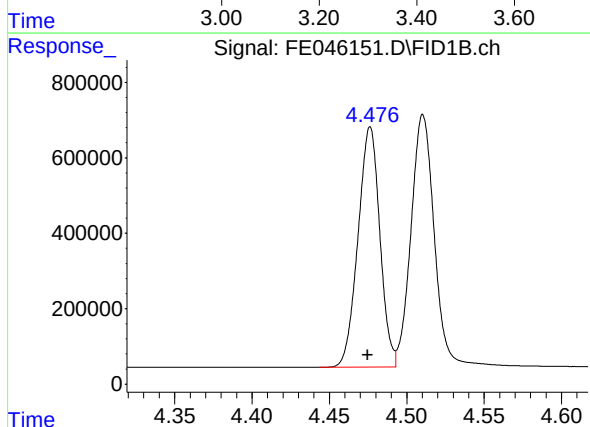
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: 0.007 min
Response: 5832148
Conc: 38.11 ug/ml

Instrument :
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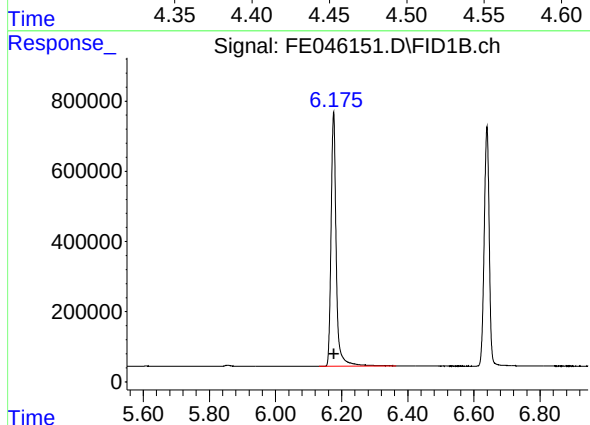
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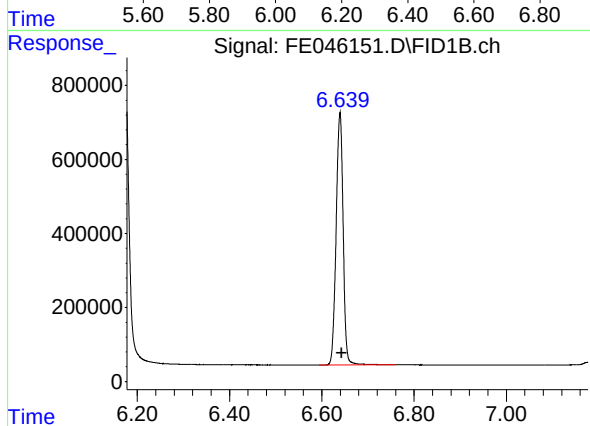
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.002 min
Response: 6258747
Conc: 40.33 ug/ml



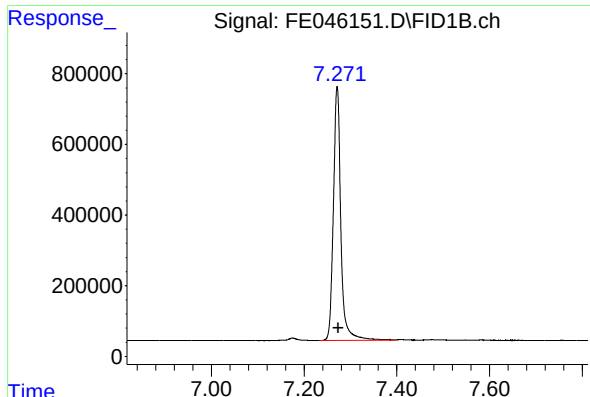
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 7834150
Conc: 47.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 7196159
Conc: 46.09 ug/ml



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

R.T.: 7.271 min
Delta R.T.: -0.002 min
Response: 8047507
Conc: 50.55 ug/ml

Instrument :

FID_E

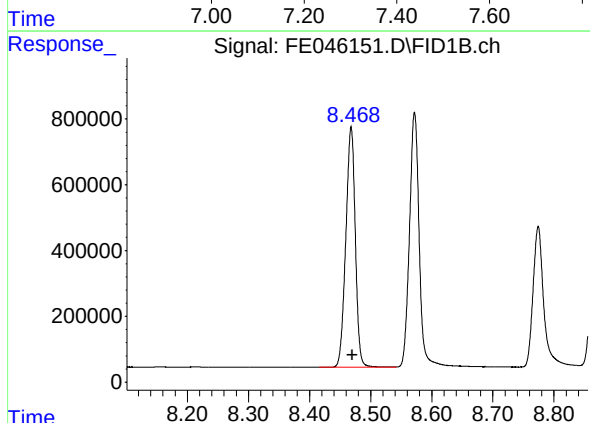
ClientSampleId :

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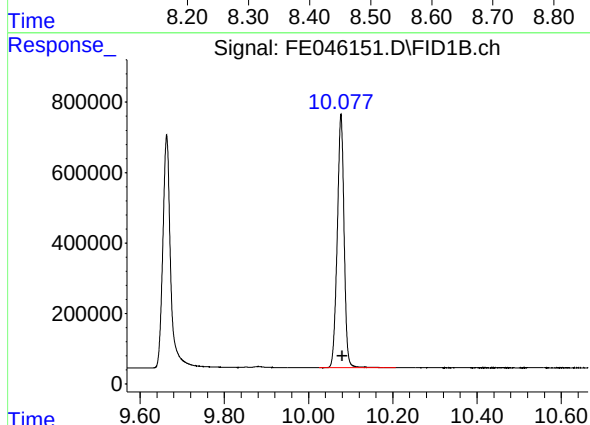
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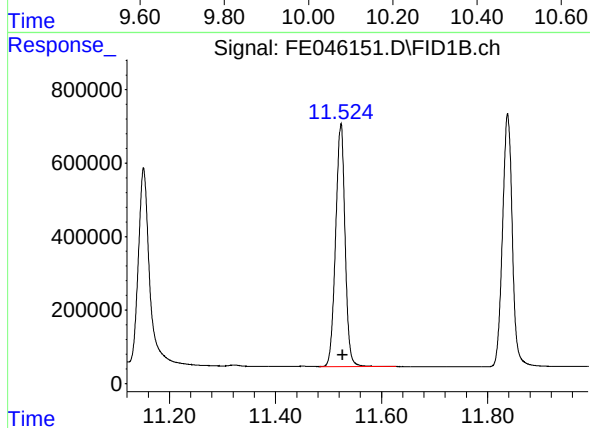
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.002 min
Response: 7896575
Conc: 50.69 ug/ml



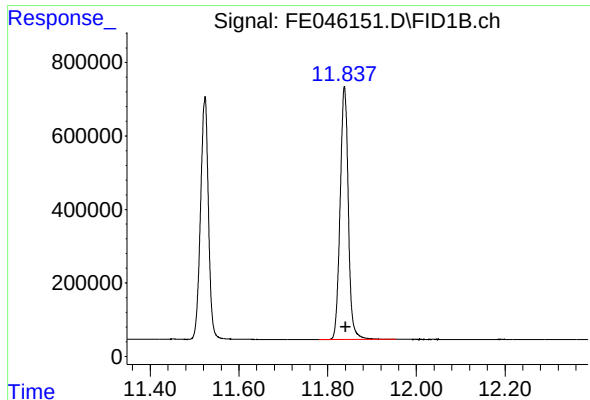
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.003 min
Response: 8110772
Conc: 51.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 8167478
Conc: 51.89 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.002 min
Response: 8828001
Conc: 48.58 ug/ml

Instrument :

FID_E

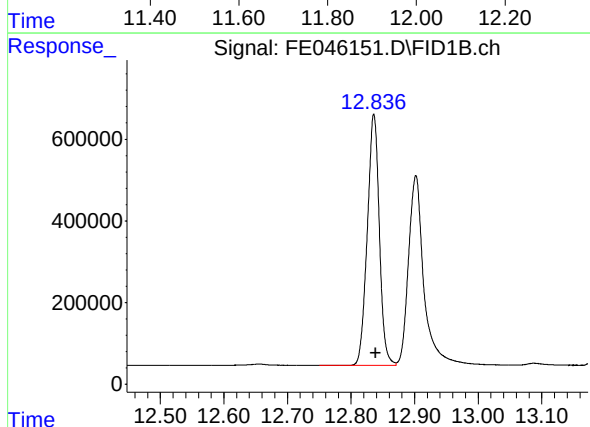
ClientSampleId :

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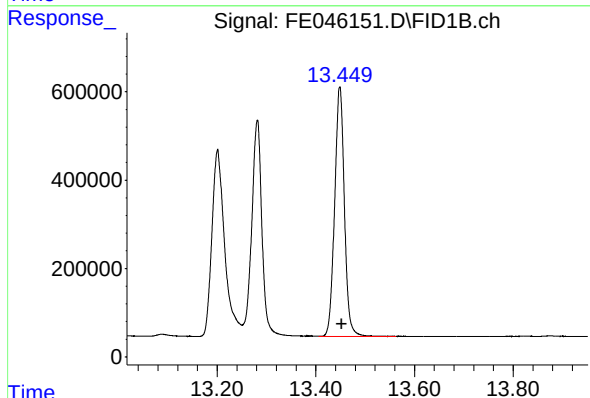
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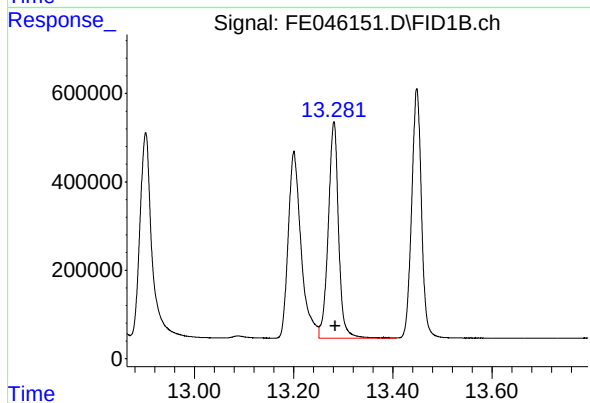
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.003 min
Response: 8110228
Conc: 53.61 ug/ml



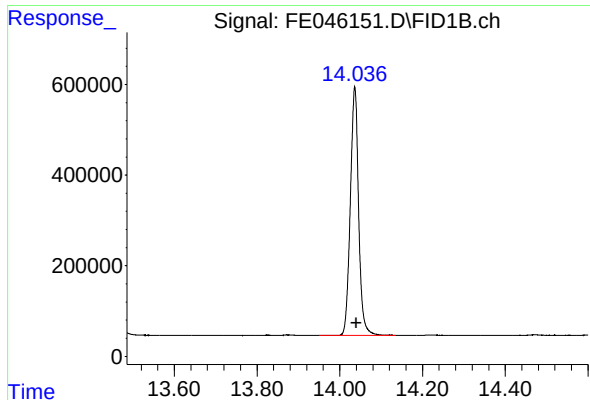
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.004 min
Response: 7744273
Conc: 52.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.003 min
Response: 7060856
Conc: 52.85 ug/ml



#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.003 min
Response: 7622707
Conc: 52.15 ug/ml

Instrument :

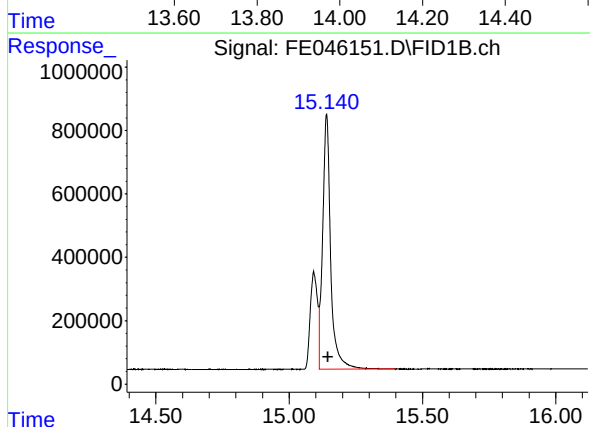
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ClientSampleId :

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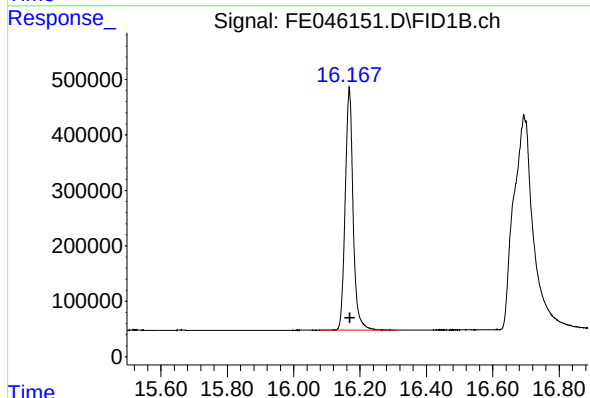
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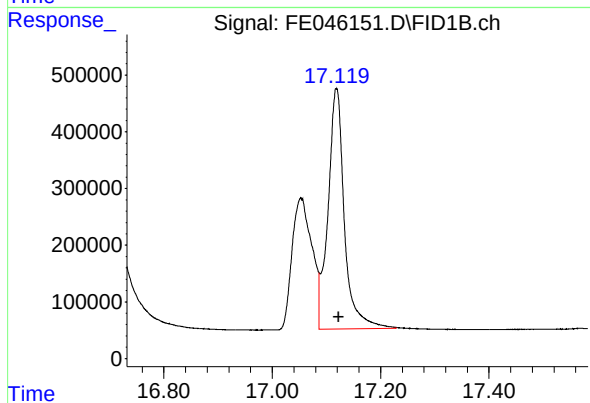
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.005 min
Response: 16950797
Conc: 116.88 ug/ml



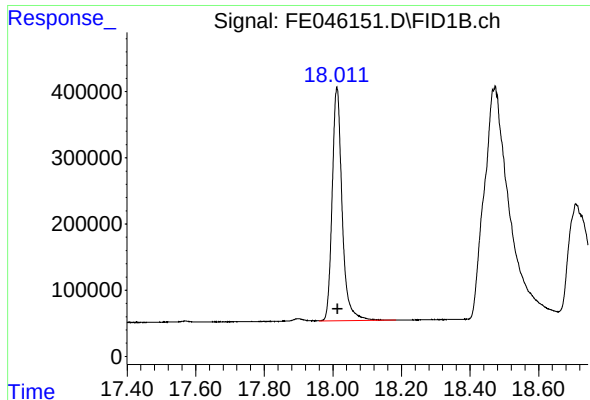
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 7221265
Conc: 50.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: -0.003 min
Response: 8903763
Conc: 62.08 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.002 min
Response: 7082412
Conc: 47.65 ug/ml

Instrument :

FID_E

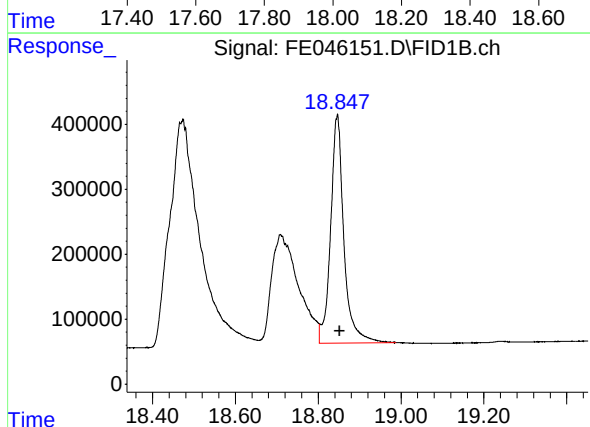
ClientSampleId :

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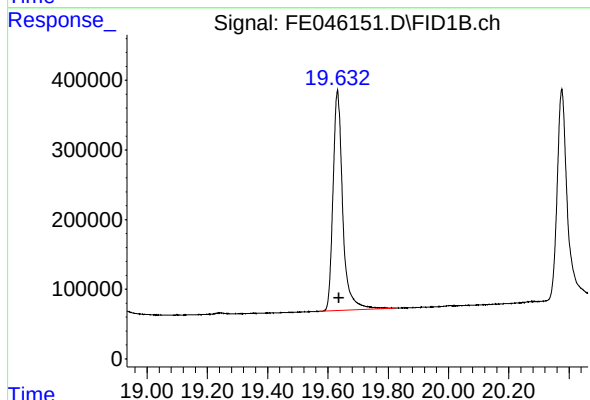
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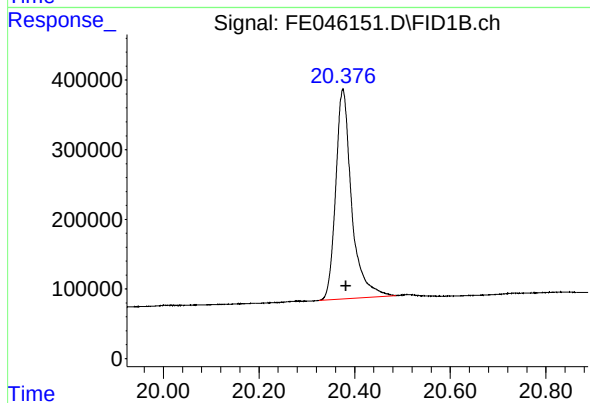
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.005 min
Response: 7840763
Conc: 52.42 ug/ml m



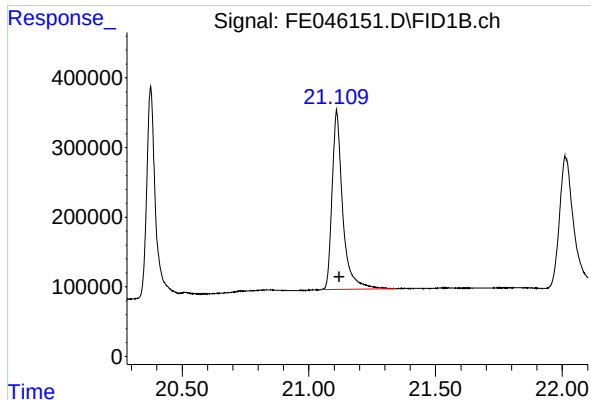
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.005 min
Response: 7086584
Conc: 49.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.006 min
Response: 6987741
Conc: 47.93 ug/ml



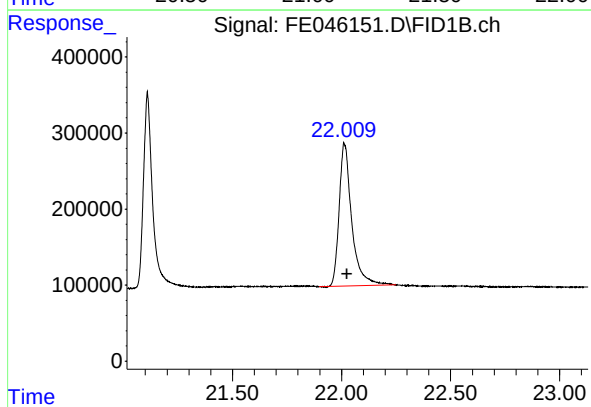
#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.011 min
Response: 7511714
Conc: 50.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: -0.014 min
Response: 7564178
Conc: 48.33 ug/ml