

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070523AL\
 Data File : FE043087.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jul 2023 17:28
 Operator : YP\AJ
 Sample : 03507-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Ankita Jodhani 07/06/2023

Integration File: autoint1.e
 Quant Time: Jul 06 02:33:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.905	4915077	26.755 ug/ml
Spiked Amount 50.000		Recovery =	53.51%
12) S 1-chlorooctadecane (S...	13.343	4028457	29.601 ug/ml
Spiked Amount 50.000		Recovery =	59.20%
Target Compounds			
1) T n-Nonane (C9)	3.285	3402960	22.030 ug/ml
2) T n-Decane (C10)	4.537	3924935	24.848 ug/ml
3) T A~Naphthalene (C11.7)	6.246	4708684	27.809 ug/ml
4) T n-Dodecane (C12)	6.707	4665765	29.149 ug/ml
5) T A~2-methylnaphthalene...	7.343	5060738	31.213 ug/ml
6) T n-Tetradecane (C14)	8.538	5309179	33.359 ug/ml
7) T n-Hexadecane (C16)	10.144	5626093	34.160 ug/ml
8) T n-Octadecane (C18)	11.588	5835664	35.109 ug/ml
10) T n-Eicosane (C20)	12.898	5577582	35.149 ug/ml
11) T n-Heneicosane (C21)	13.510	5418539	35.023 ug/ml
13) T n-Docosane (C22)	14.096	5355146	35.155 ug/ml
14) T n-Tetracosane (C24)	15.191	10242693	69.033 ug/ml
15) T n-Hexacosane (C26)	16.221	4999887	34.974 ug/ml
16) T n-Octacosane (C28)	17.168	4802582	34.627 ug/ml
17) T n-Tricontane (C30)	18.057	4884783	34.539 ug/ml
18) T n-Dotriacontane (C32)	18.889	4749496	33.862 ug/ml
19) T n-Tetratriacontane (C34)	19.674	4702020	34.360 ug/ml
20) T n-Hexatriacontane (C36)	20.413	4504791	33.684 ug/ml
21) T n-Octatriacontane (C38)	21.152	4454747	32.674 ug/ml
22) T n-Tetracontane (C40)	22.068	4683852	33.666 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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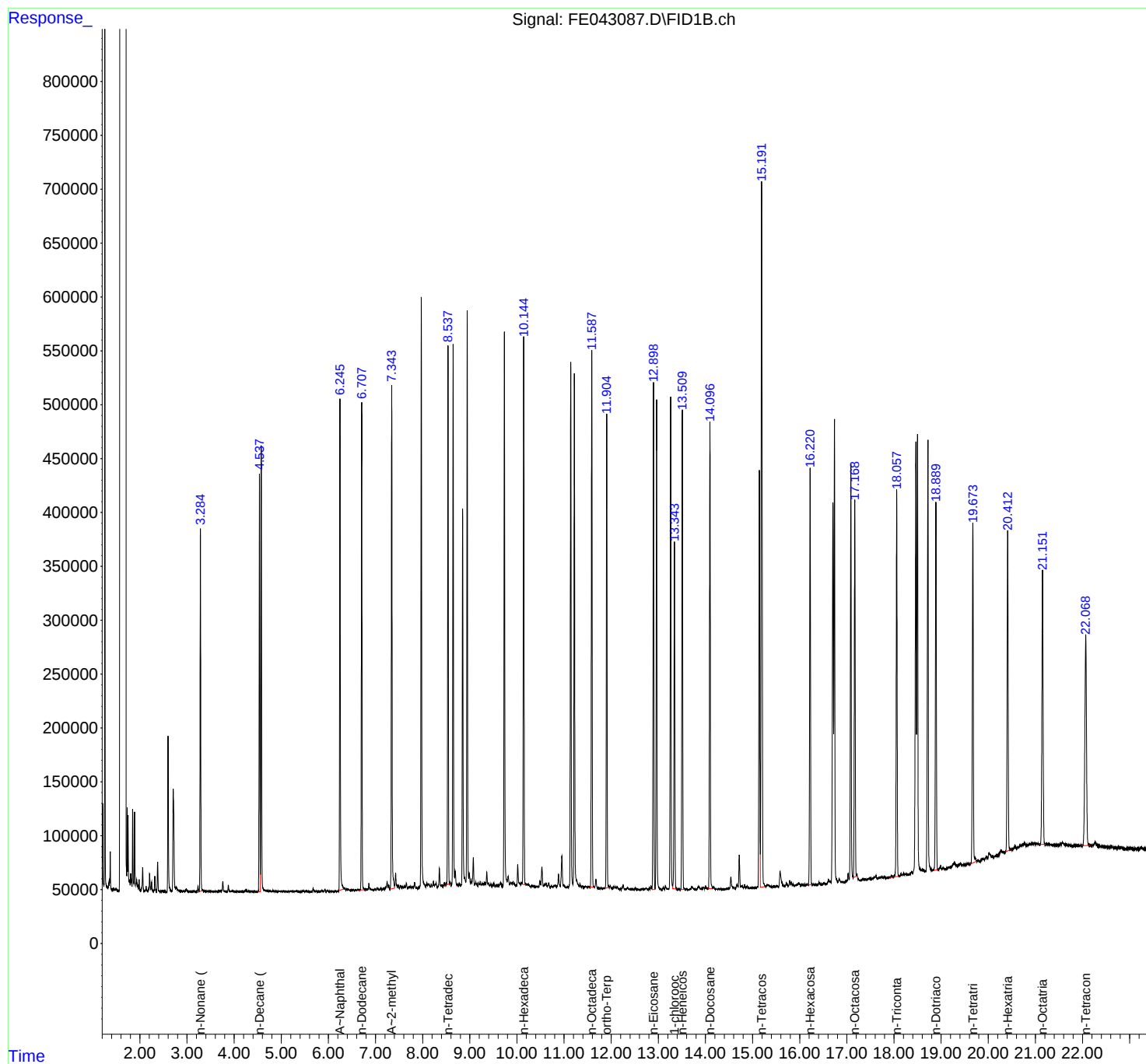
Instrument :
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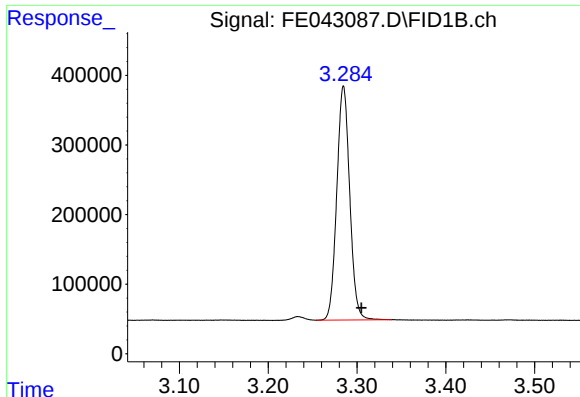
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#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.020 min
Response: 3402960
Conc: 22.03 ug/ml

Instrument :

FID_E

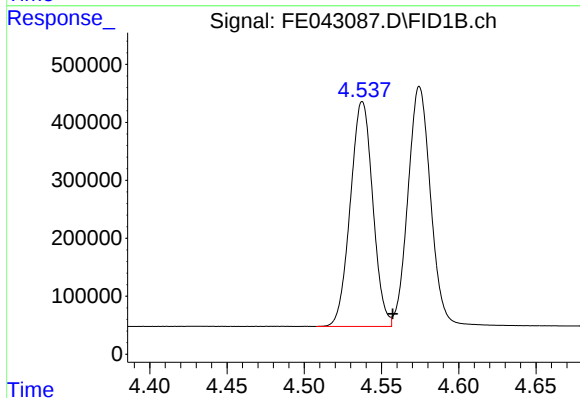
ClientSampleId :

CP-1MS

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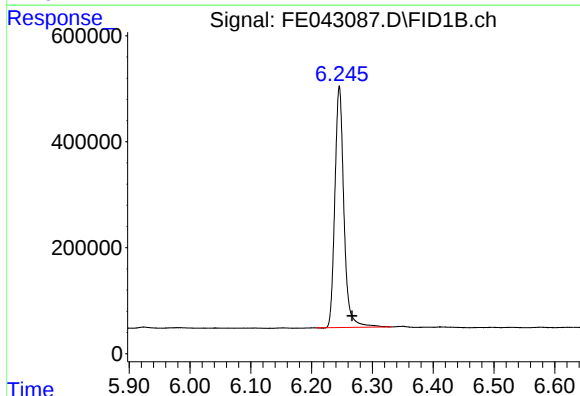
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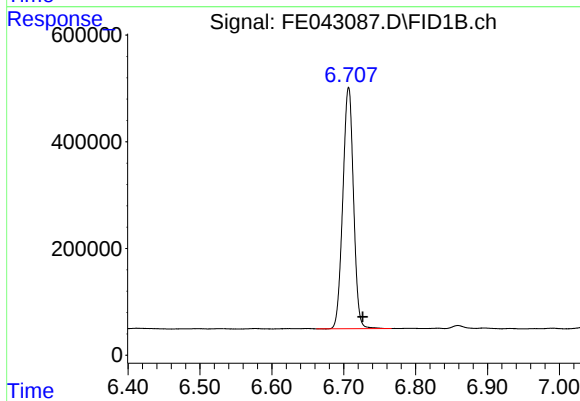
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.020 min
Response: 3924935
Conc: 24.85 ug/ml m



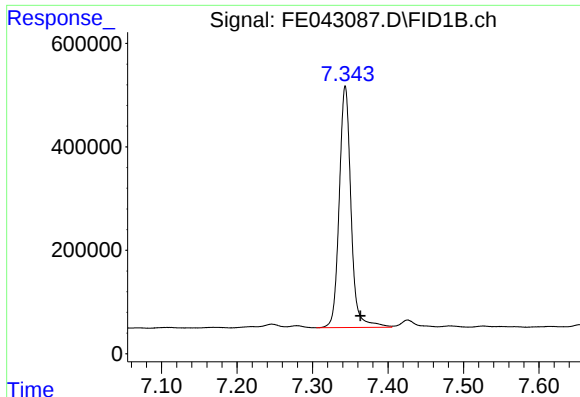
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: -0.021 min
Response: 4708684
Conc: 27.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 4665765
Conc: 29.15 ug/ml



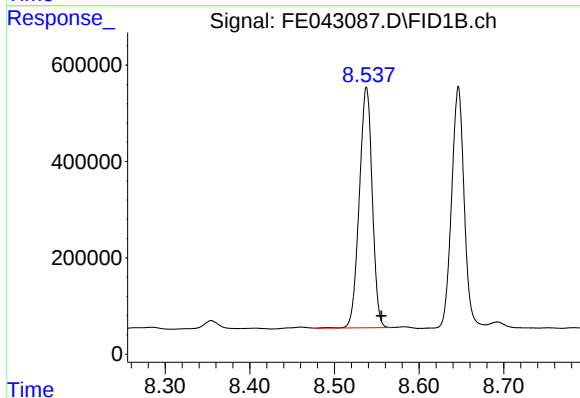
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.020 min
Response: 5060738
Conc: 31.21 ug/ml

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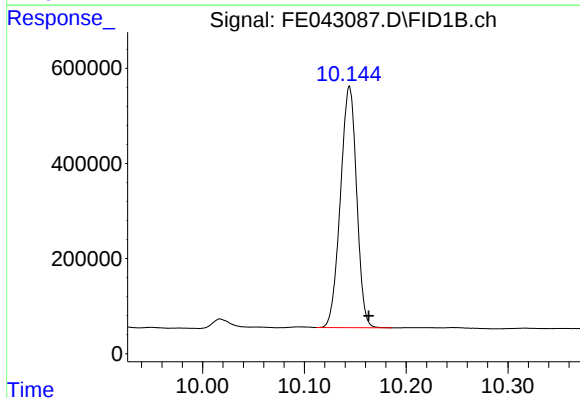
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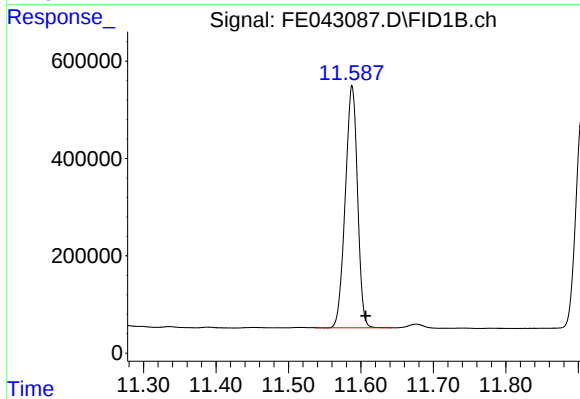
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.018 min
Response: 5309179
Conc: 33.36 ug/ml



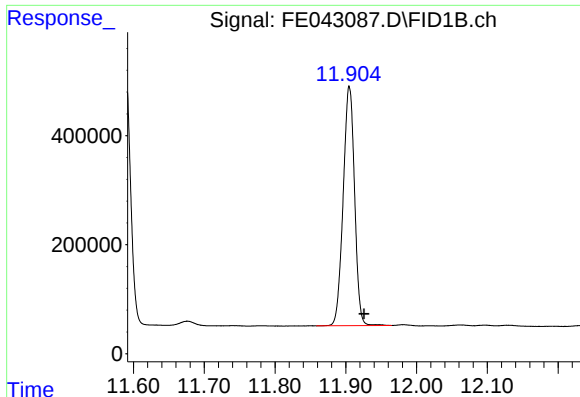
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.019 min
Response: 5626093
Conc: 34.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.019 min
Response: 5835664
Conc: 35.11 ug/ml



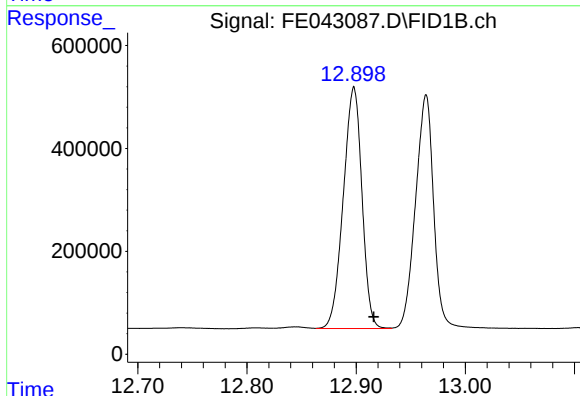
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.021 min
Response: 4915077
Conc: 26.76 ug/ml

Instrument :
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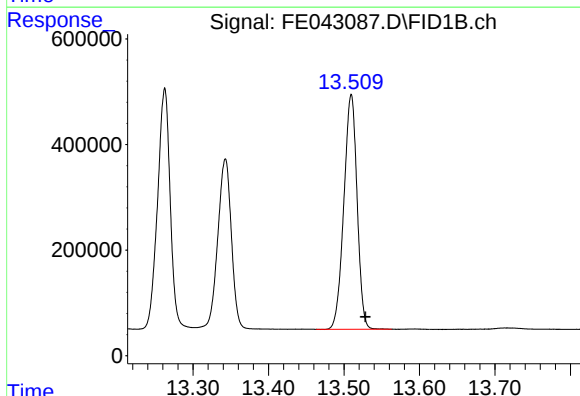
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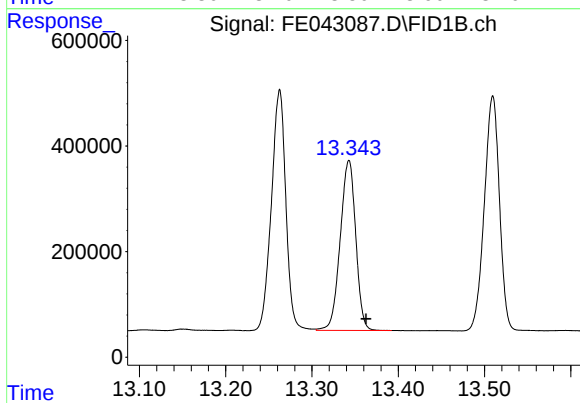
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.018 min
Response: 5577582
Conc: 35.15 ug/ml



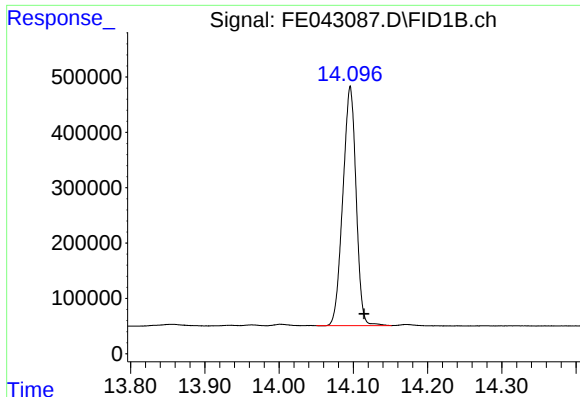
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.019 min
Response: 5418539
Conc: 35.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.020 min
Response: 4028457
Conc: 29.60 ug/ml



#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.019 min
Response: 5355146
Conc: 35.15 ug/ml

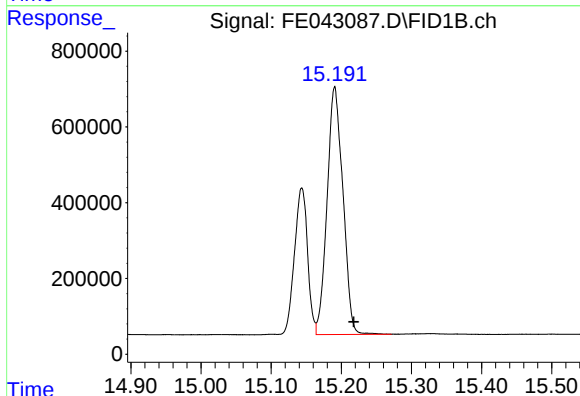
Instrument :

FID_E

ClientSampleId :
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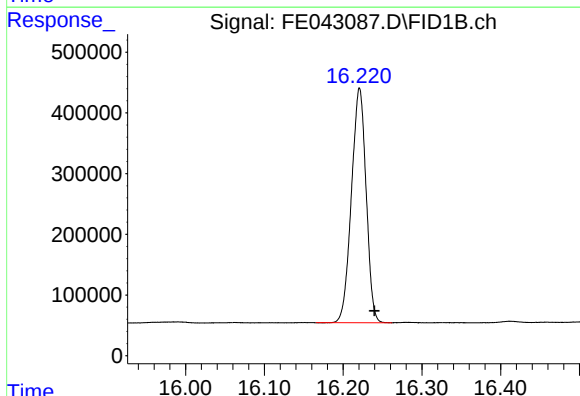
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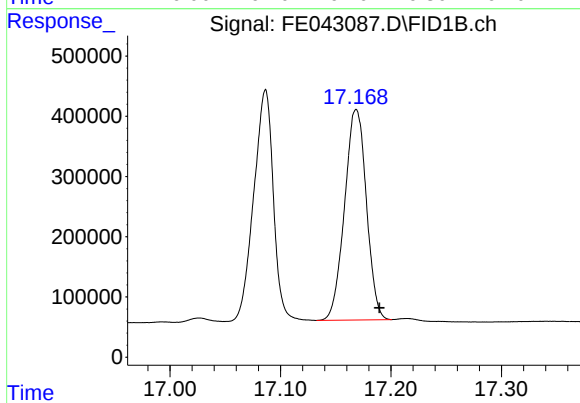
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.027 min
Response: 10242693
Conc: 69.03 ug/ml



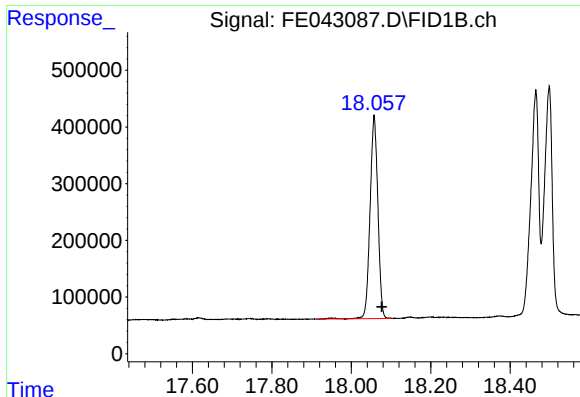
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: -0.019 min
Response: 4999887
Conc: 34.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: -0.021 min
Response: 4802582
Conc: 34.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 4884783
Conc: 34.54 ug/ml

Instrument :

FID_E

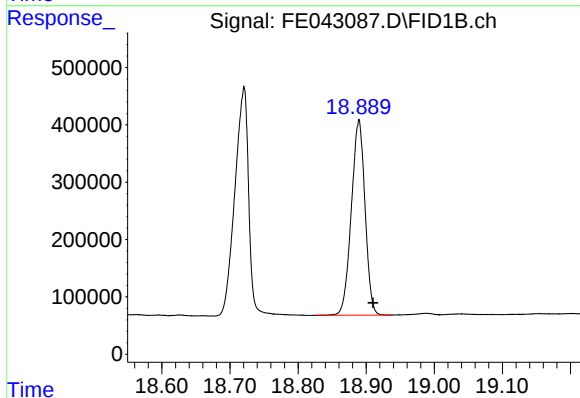
ClientSampleId :

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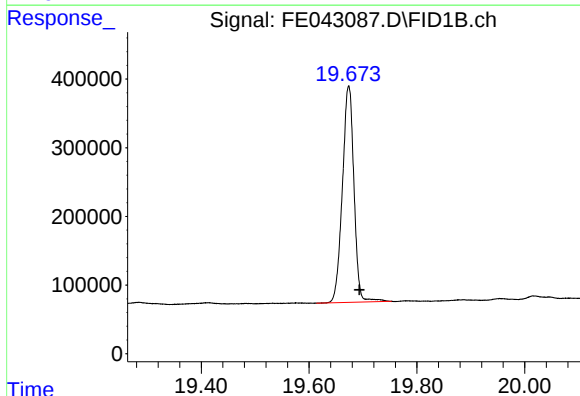
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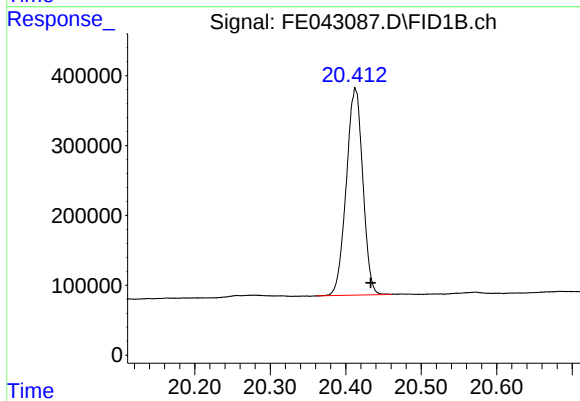
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.021 min
Response: 4749496
Conc: 33.86 ug/ml



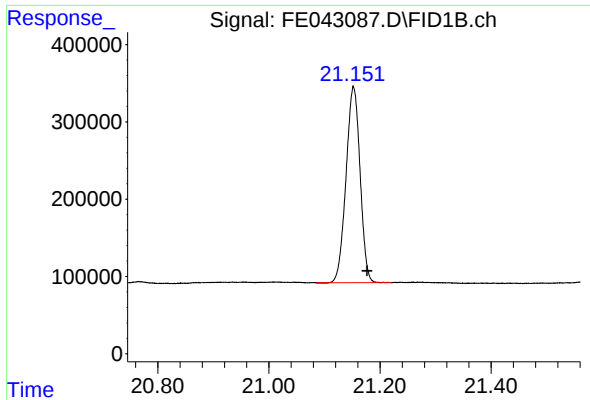
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: -0.020 min
Response: 4702020
Conc: 34.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.413 min
Delta R.T.: -0.020 min
Response: 4504791
Conc: 33.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: -0.024 min
Response: 4454747
Conc: 32.67 ug/ml

Instrument :

FID_E

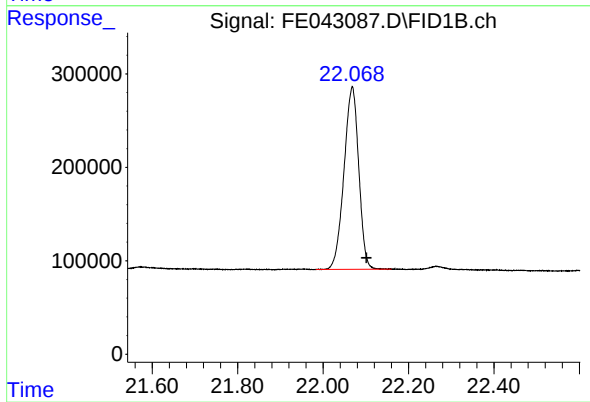
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#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: -0.033 min
Response: 4683852
Conc: 33.67 ug/ml