

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048324.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 14:13
 Operator : YP\AJ
 Sample : PB161053BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161053BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/23/2024

Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e

Quant Time: May 23 01:35:15 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.957	5868179	40.676 ug/ml
Spiked Amount 50.000		Recovery =	81.35%
12) S 1-chlorooctadecane (S...	13.390	4921075	44.040 ug/ml
Spiked Amount 50.000		Recovery =	88.08%
Target Compounds			
1) T n-Nonane (C9)	3.352	4995611	38.762 ug/ml
2) T n-Decane (C10)	4.597	5230909	39.732 ug/ml
3) T A~Naphthalene (C11.7)	6.299	5637971	40.830 ug/ml
4) T n-Dodecane (C12)	6.758	5111336	38.341 ug/ml
5) T A~2-methylnaphthalene...	7.394	5609969	42.156 ug/ml
6) T n-Tetradecane (C14)	8.587	5387166	40.651 ug/ml
7) T n-Hexadecane (C16)	10.193	5540172	40.282 ug/ml
8) T n-Octadecane (C18)	11.636	5522341	39.644 ug/ml
10) T n-Eicosane (C20)	12.946	5502419	40.867 ug/ml
11) T n-Heneicosane (C21)	13.557	5316570	40.163 ug/ml
13) T n-Docosane (C22)	14.143	5276623	39.817 ug/ml
14) T n-Tetracosane (C24)	15.238	9628592	72.312 ug/ml
15) T n-Hexacosane (C26)	16.266	5279361	39.563 ug/ml
16) T n-Octacosane (C28)	17.214	5446313	40.905 ug/ml
17) T n-Tricontane (C30)	18.101	5409821	39.198 ug/ml
18) T n-Dotriacontane (C32)	18.932	5490843	39.752 ug/ml
19) T n-Tetratriacontane (C34)	19.715	5509138	40.442 ug/ml
20) T n-Hexatriacontane (C36)	20.453	5458120	40.311 ug/mlm
21) T n-Octatriacontane (C38)	21.191	5493764	39.790 ug/ml
22) T n-Tetracontane (C40)	22.113	5355557	38.440 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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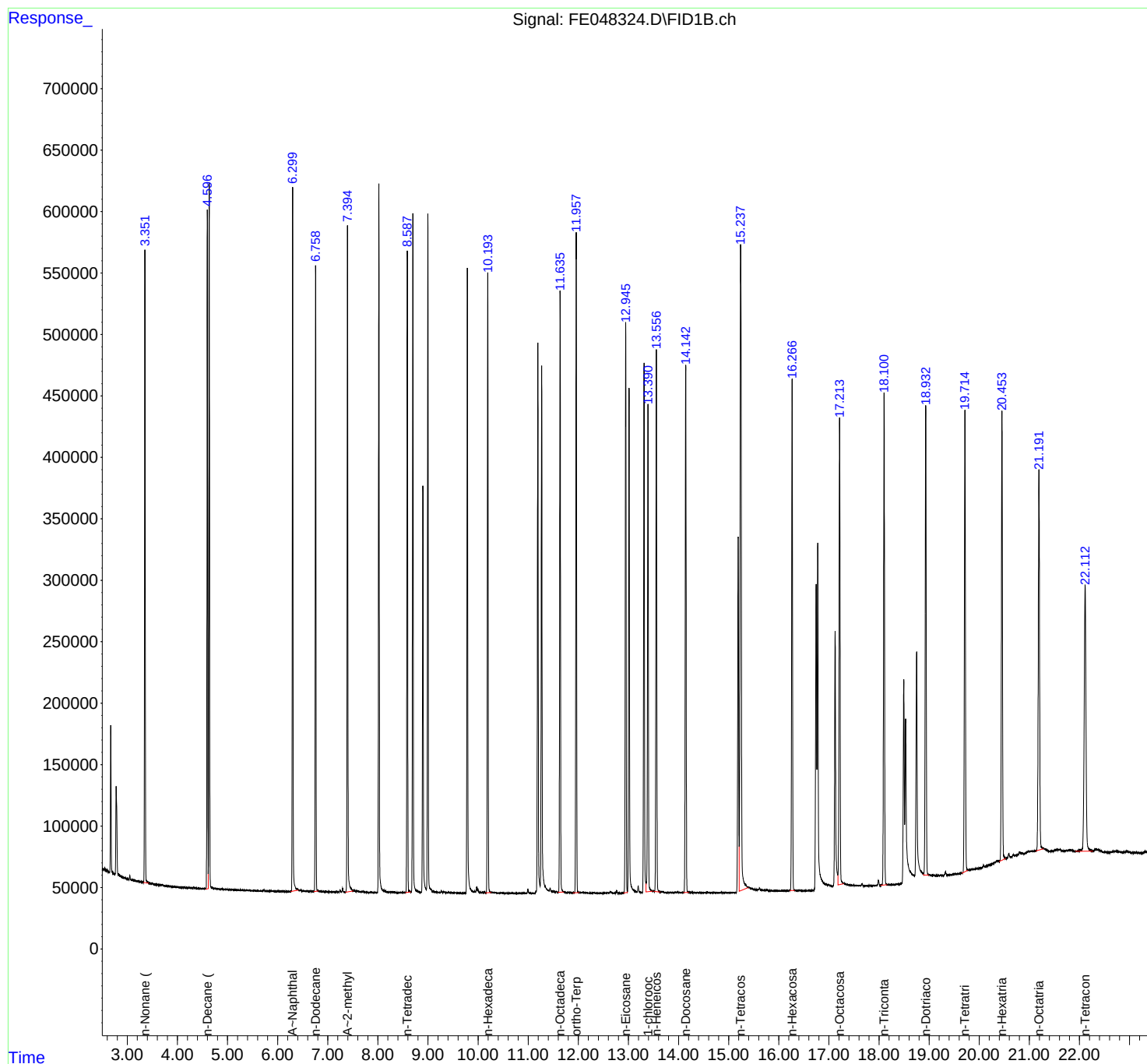
Response via : Initial Calibration

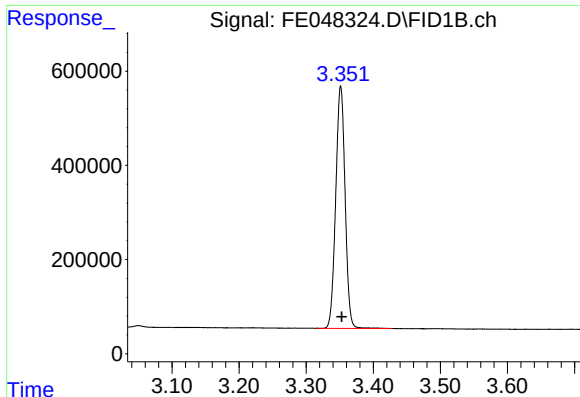
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.002 min
Response: 4995611
Conc: 38.76 ug/ml

Instrument :

FID_E

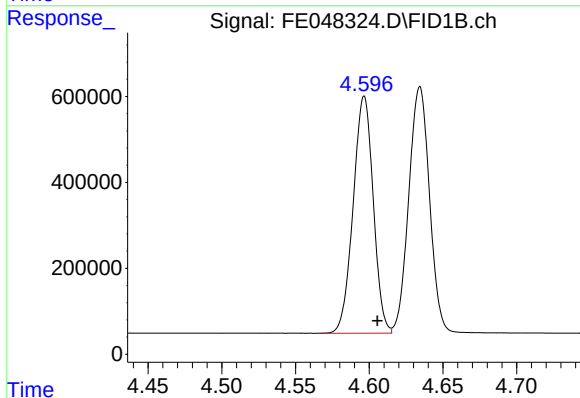
ClientSampleId :

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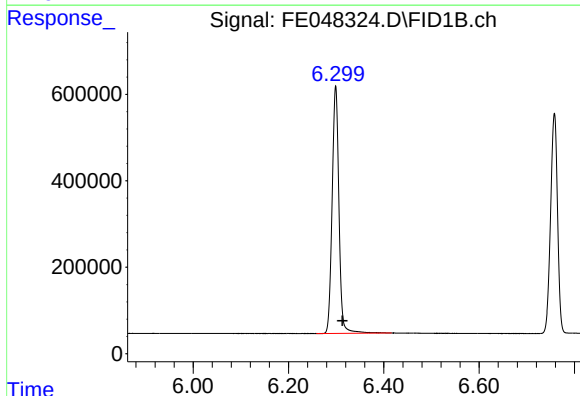
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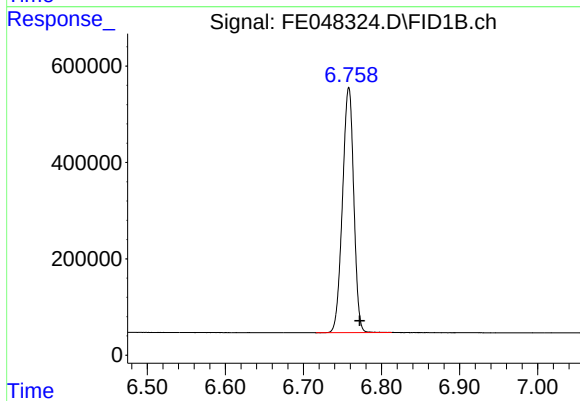
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.009 min
Response: 5230909
Conc: 39.73 ug/ml



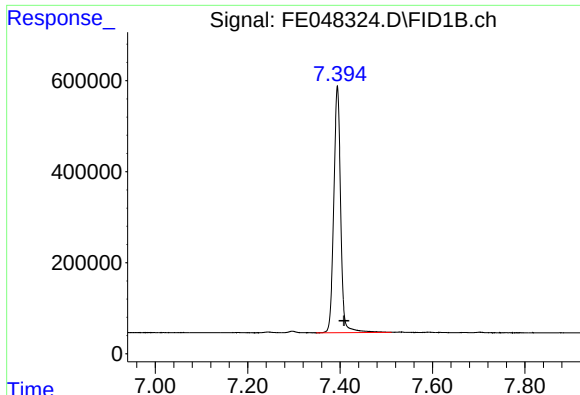
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.014 min
Response: 5637971
Conc: 40.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 5111336
Conc: 38.34 ug/ml



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

R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 5609969
Conc: 42.16 ug/ml

Instrument :

FID_E

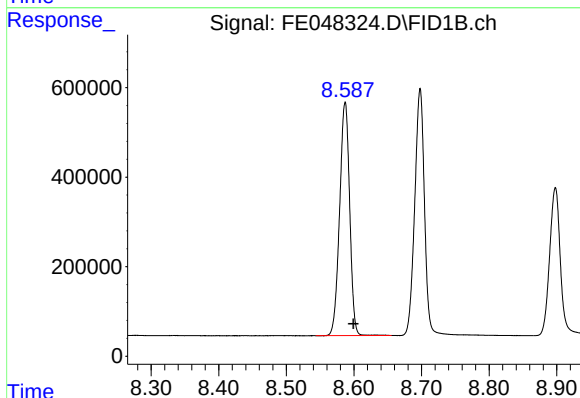
ClientSampleId :

PB161053BS

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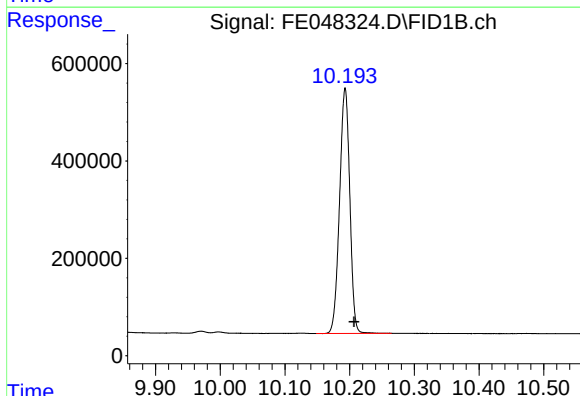
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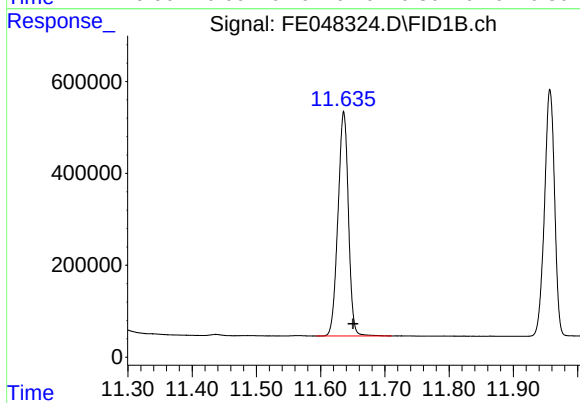
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 5387166
Conc: 40.65 ug/ml



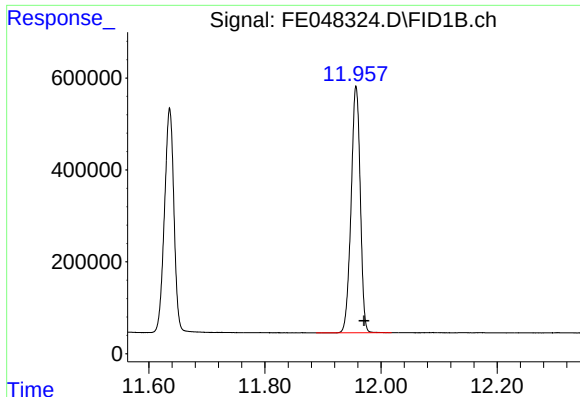
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.014 min
Response: 5540172
Conc: 40.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: -0.015 min
Response: 5522341
Conc: 39.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.014 min
Response: 5868179
Conc: 40.68 ug/ml

Instrument :

FID_E

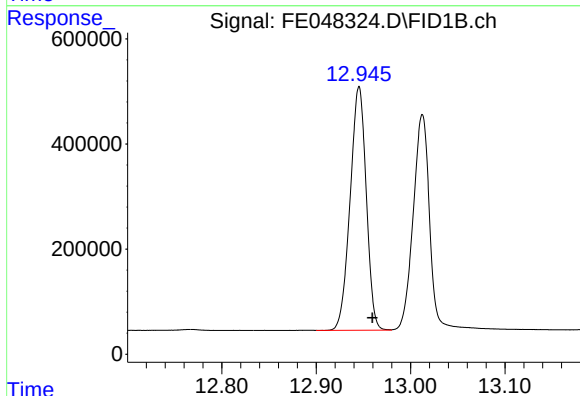
ClientSampleId :

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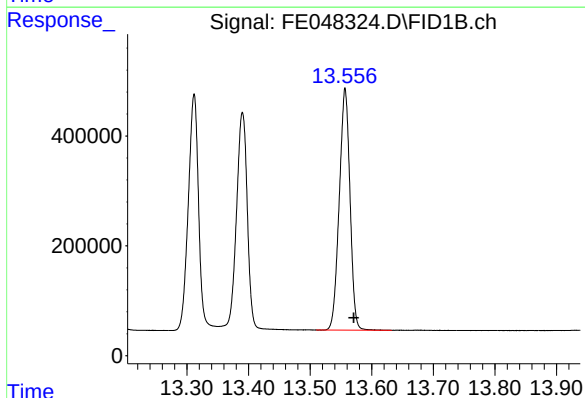
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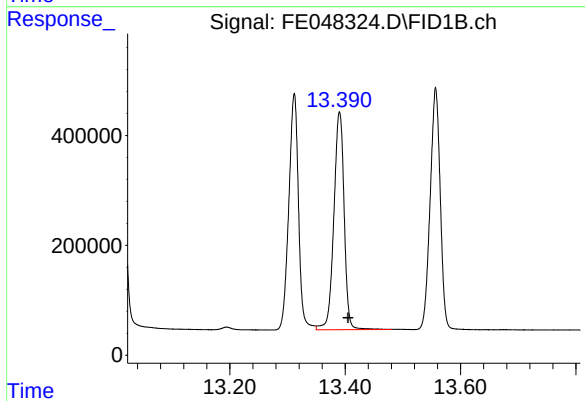
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.014 min
Response: 5502419
Conc: 40.87 ug/ml



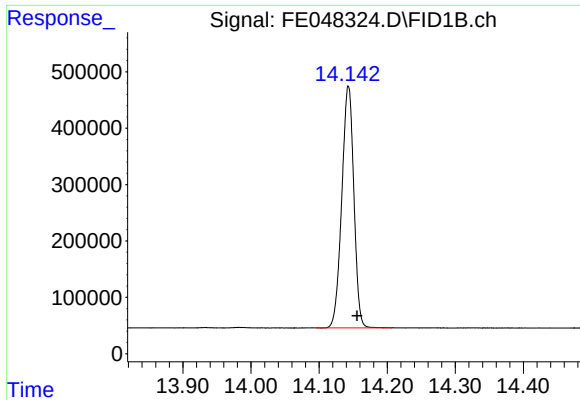
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.014 min
Response: 5316570
Conc: 40.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: -0.015 min
Response: 4921075
Conc: 44.04 ug/ml



#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: -0.012 min
Response: 5276623
Conc: 39.82 ug/ml

Instrument :

FID_E

ClientSampleId :

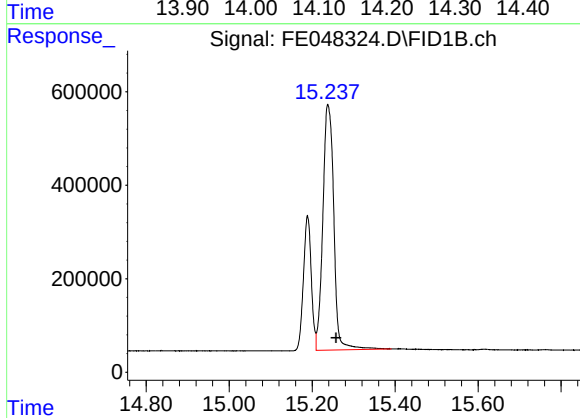
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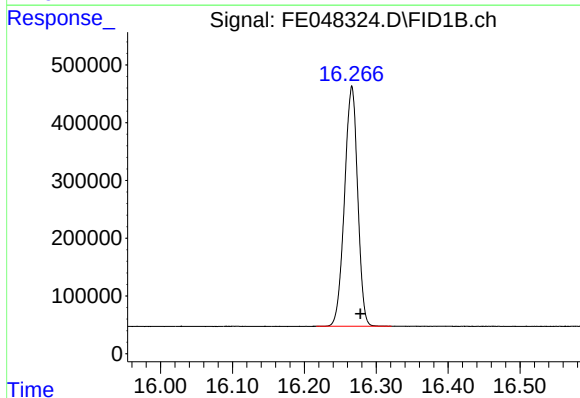
Reviewed By :Yogesh Patel 05/23/2024

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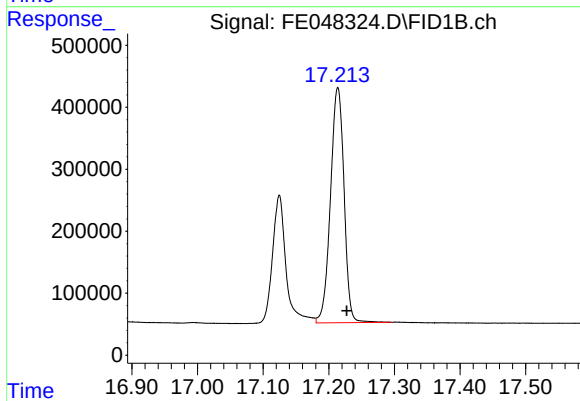
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.020 min
Response: 9628592
Conc: 72.31 ug/ml



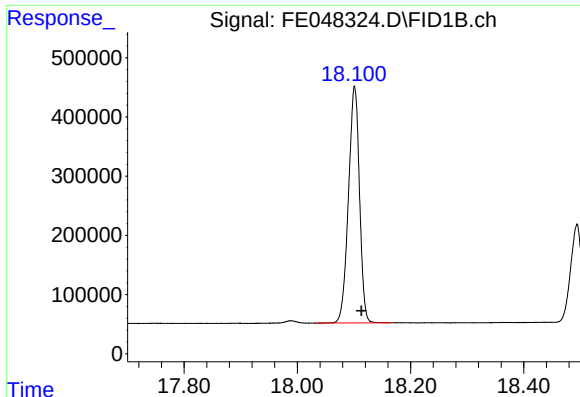
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 5279361
Conc: 39.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: -0.013 min
Response: 5446313
Conc: 40.90 ug/ml



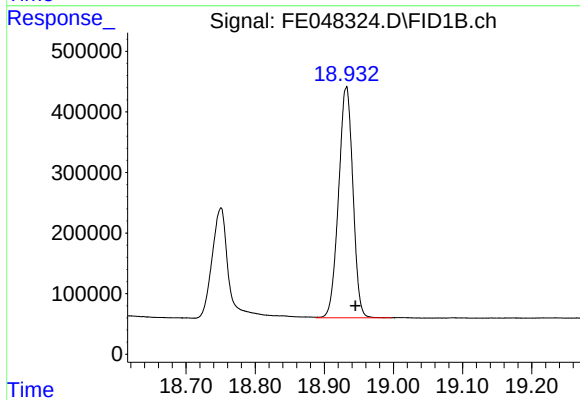
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: -0.012 min
Response: 5409821
Conc: 39.20 ug/ml

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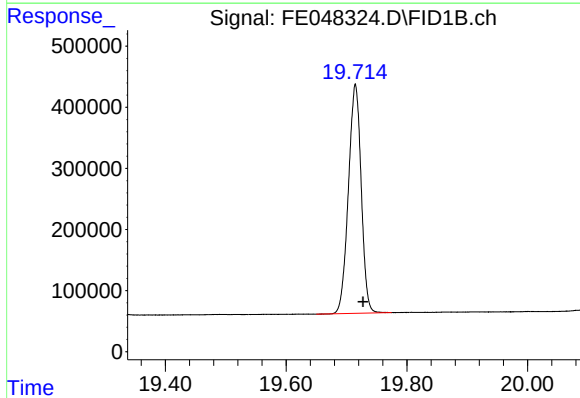
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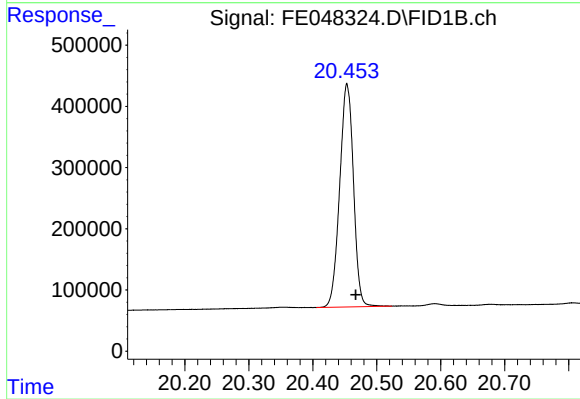
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.013 min
Response: 5490843
Conc: 39.75 ug/ml



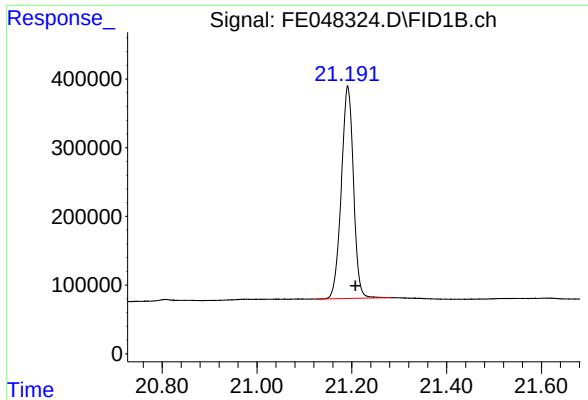
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.013 min
Response: 5509138
Conc: 40.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.014 min
Response: 5458120
Conc: 40.31 ug/ml m



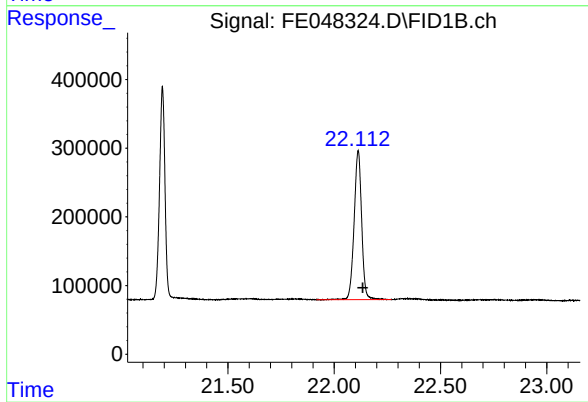
#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.016 min
Response: 5493764
Conc: 39.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.021 min
Response: 5355557
Conc: 38.44 ug/ml