

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
 Data File : FE042534.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 14:22
 Operator : YP\AJ
 Sample : PB153323BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB153323BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/12/2023

Supervised By :Ankita Jodhani 06/12/2023

Integration File: autoint1.e

Quant Time: Jun 10 01:35:59 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.946	7575798	42.903 ug/ml
Spiked Amount 50.000		Recovery =	85.81%
12) S 1-chlorooctadecane (S...	13.382	5748694	43.263 ug/ml
Spiked Amount 50.000		Recovery =	86.53%
Target Compounds			
1) T n-Nonane (C9)	3.335	6536245	45.328 ug/ml
2) T n-Decane (C10)	4.581	6935073	46.847 ug/ml
3) T A~Naphthalene (C11.7)	6.285	7441754	45.610 ug/ml
4) T n-Dodecane (C12)	6.745	7205884	48.054 ug/ml
5) T A~2-methylnaphthalene...	7.381	7154084	45.079 ug/ml
6) T n-Tetradecane (C14)	8.575	7205657	48.100 ug/ml
7) T n-Hexadecane (C16)	10.182	7391909	47.454 ug/ml
8) T n-Octadecane (C18)	11.627	7311826	46.238 ug/ml
10) T n-Eicosane (C20)	12.937	7169168	47.295 ug/ml
11) T n-Heneicosane (C21)	13.548	6812463	45.982 ug/ml
13) T n-Docosane (C22)	14.135	6671499	45.509 ug/ml
14) T n-Tetracosane (C24)	15.231	12475321	86.420 ug/ml
15) T n-Hexacosane (C26)	16.261	6236663	45.031 ug/ml
16) T n-Octacosane (C28)	17.210	6099844	45.561 ug/ml
17) T n-Tricontane (C30)	18.098	6107579	45.244 ug/ml
18) T n-Dotriacontane (C32)	18.930	6027248	45.117 ug/ml
19) T n-Tetratriacontane (C34)	19.715	6177745	46.975 ug/ml
20) T n-Hexatriacontane (C36)	20.456	6082585	46.799 ug/ml
21) T n-Octatriacontane (C38)	21.202	6282195	46.304 ug/ml
22) T n-Tetracontane (C40)	22.133	6571709	47.238 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 2023

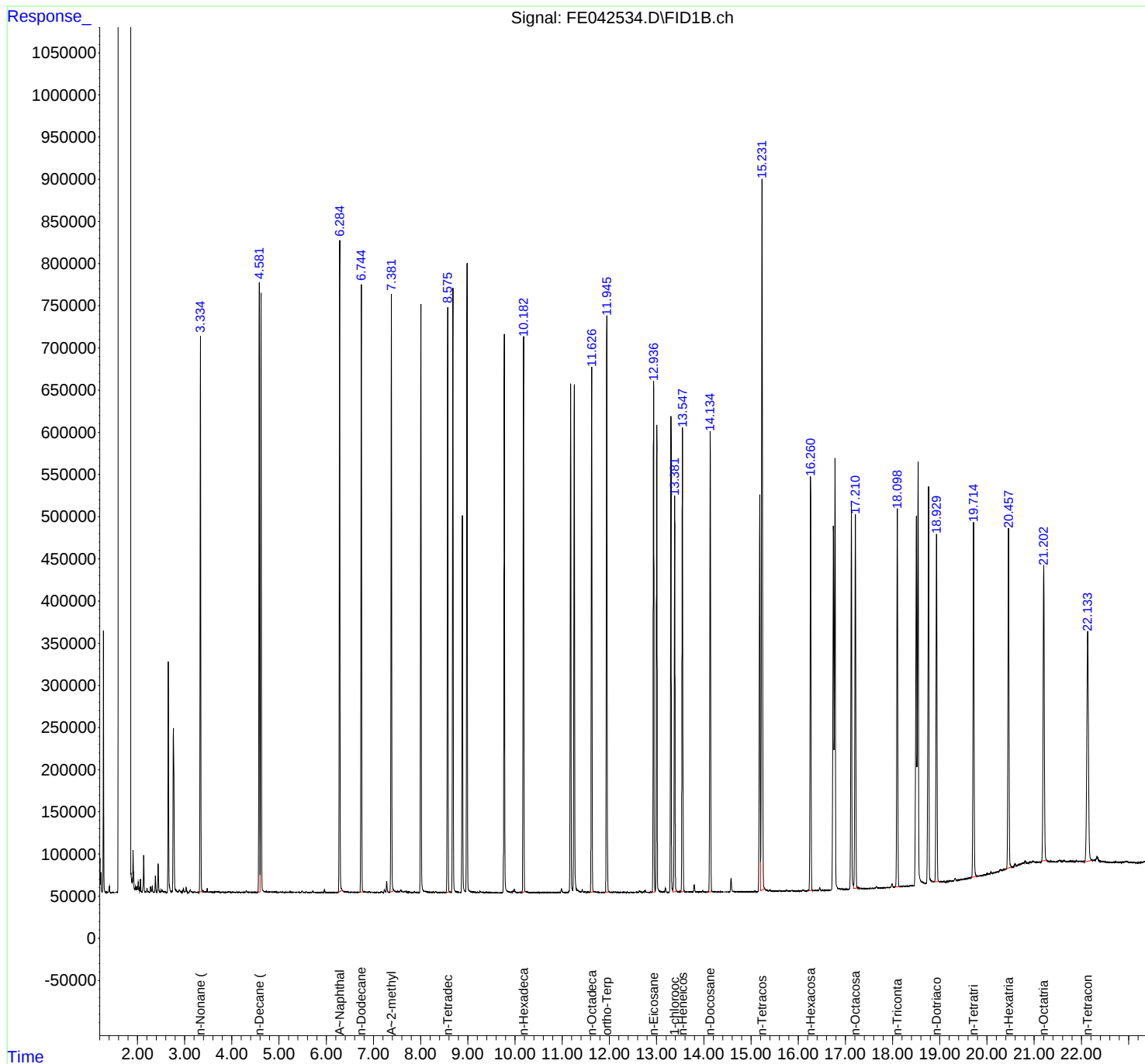
Response via : Initial Calibration

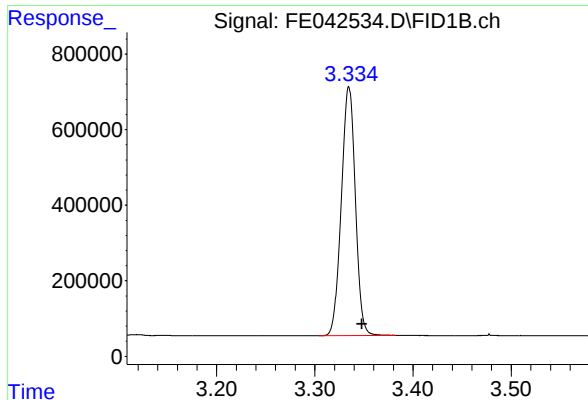
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





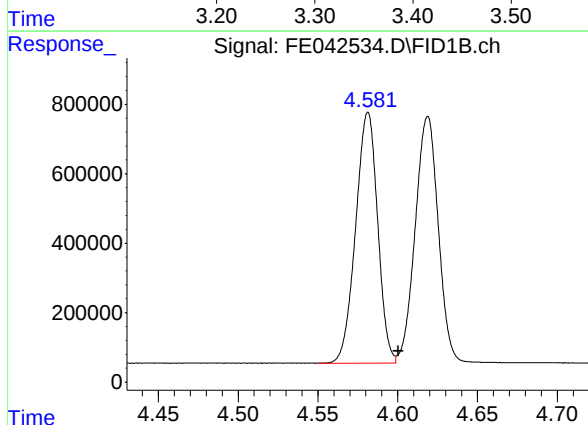
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: -0.013 min
Response: 6536245
Conc: 45.33 ug/ml

Instrument :
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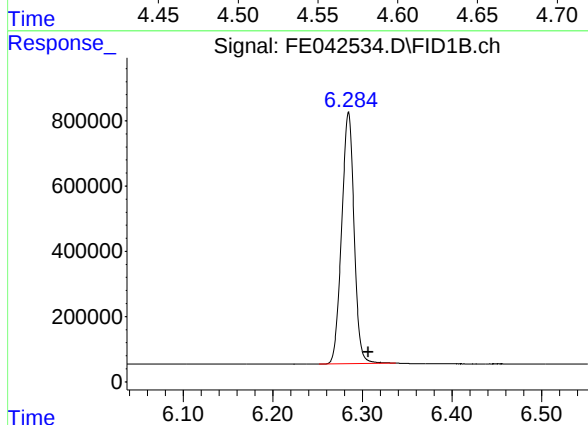
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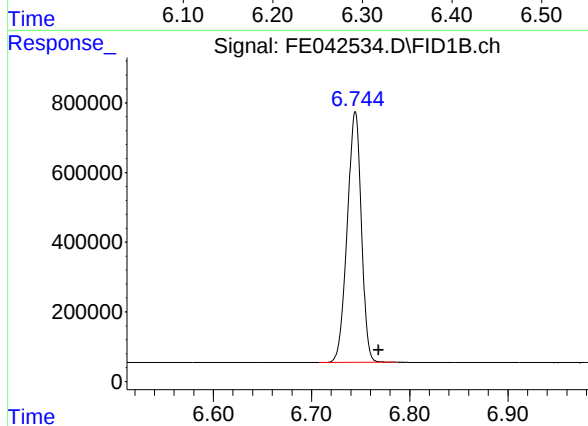
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.019 min
Response: 6935073
Conc: 46.85 ug/ml



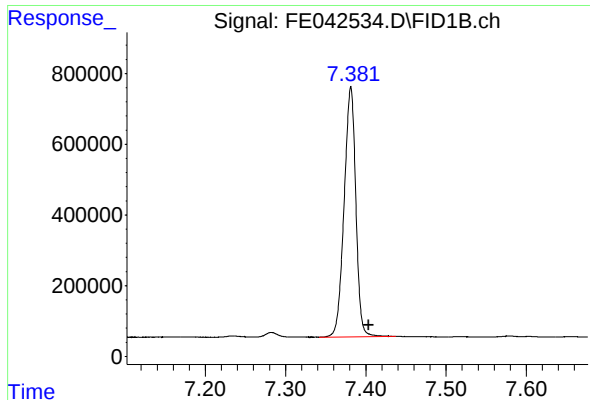
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.022 min
Response: 7441754
Conc: 45.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: -0.024 min
Response: 7205884
Conc: 48.05 ug/ml



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

R.T.: 7.381 min
Delta R.T.: -0.022 min
Response: 7154084
Conc: 45.08 ug/ml

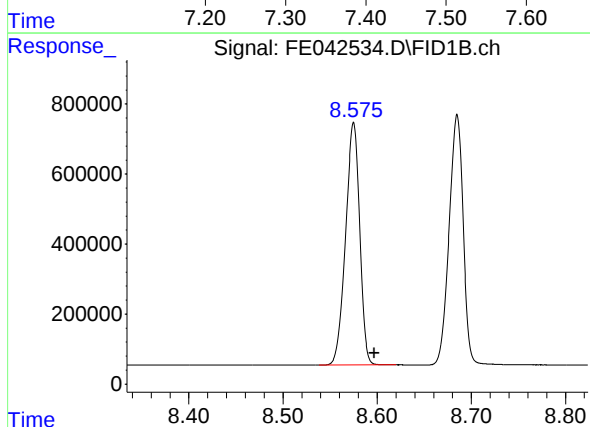
Instrument :

FID_E

ClientSampleId :
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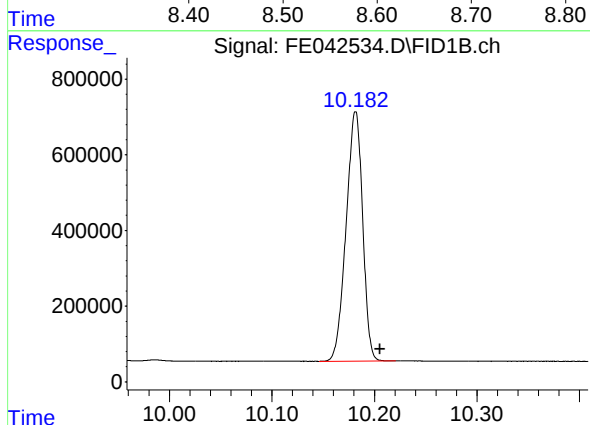
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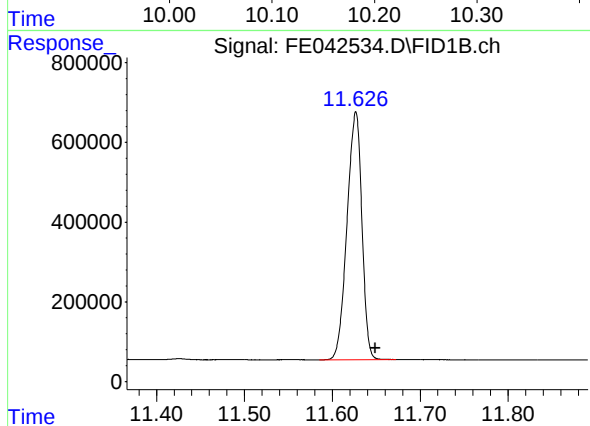
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.022 min
Response: 7205657
Conc: 48.10 ug/ml



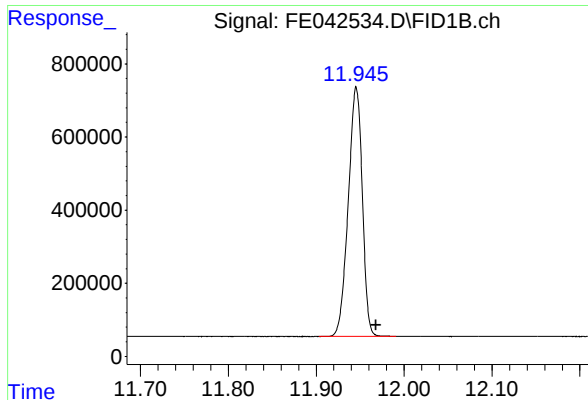
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.024 min
Response: 7391909
Conc: 47.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.022 min
Response: 7311826
Conc: 46.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.023 min
Response: 7575798
Conc: 42.90 ug/ml

Instrument :

FID_E

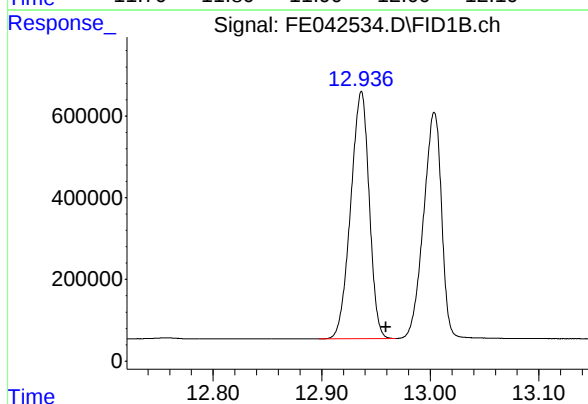
ClientSampleId :

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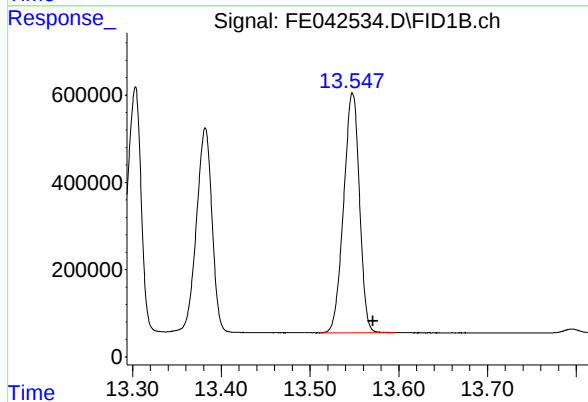
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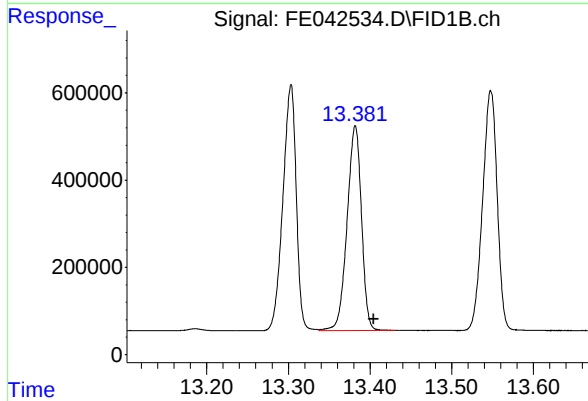
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.023 min
Response: 7169168
Conc: 47.30 ug/ml



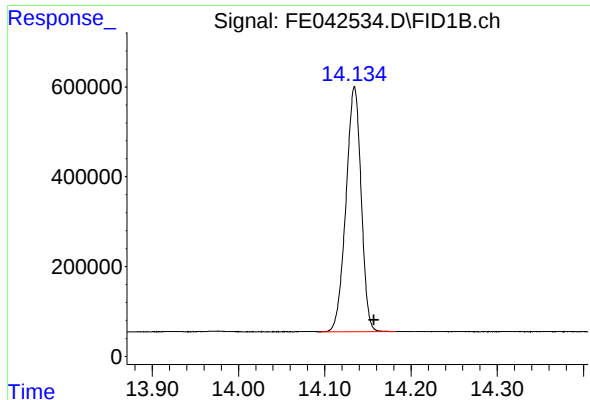
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.023 min
Response: 6812463
Conc: 45.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.022 min
Response: 5748694
Conc: 43.26 ug/ml



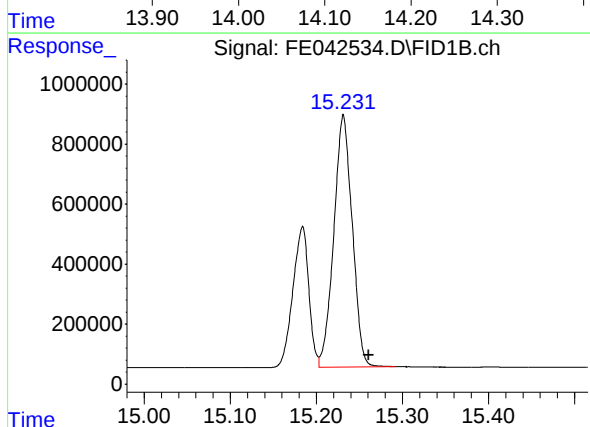
#13 n-Docosane (C22)

R.T.: 14.135 min
Delta R.T.: -0.023 min
Response: 6671499
Conc: 45.51 ug/ml

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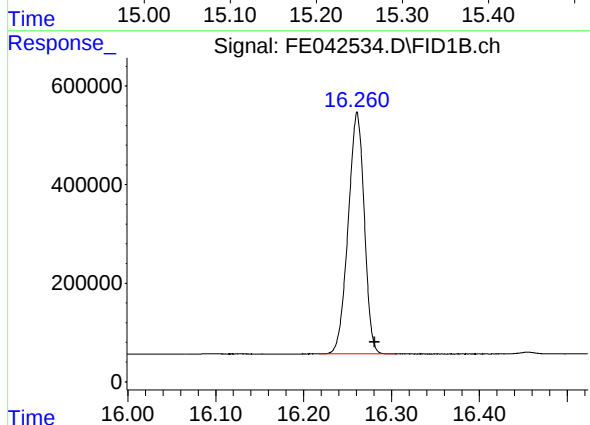
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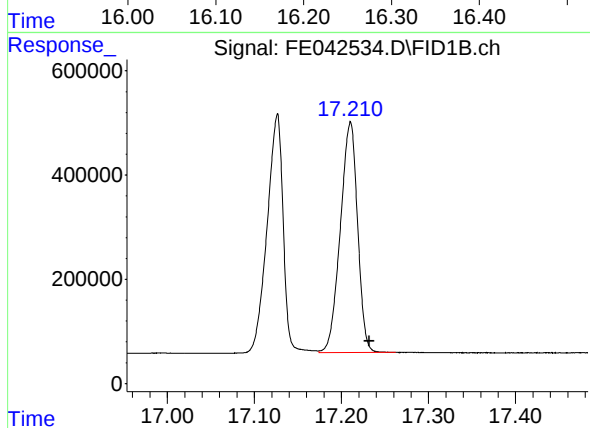
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.029 min
Response: 12475321
Conc: 86.42 ug/ml



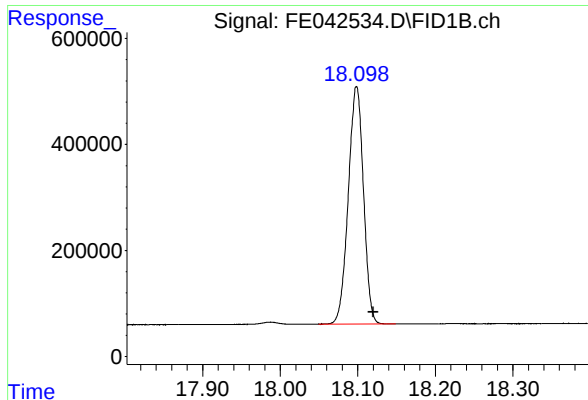
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.020 min
Response: 6236663
Conc: 45.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: -0.022 min
Response: 6099844
Conc: 45.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.021 min
Response: 6107579
Conc: 45.24 ug/ml

Instrument :

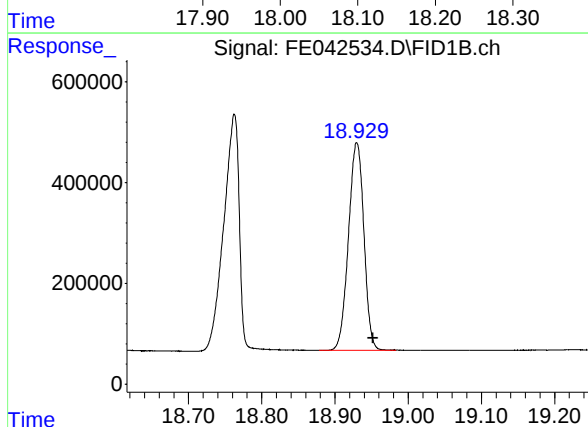
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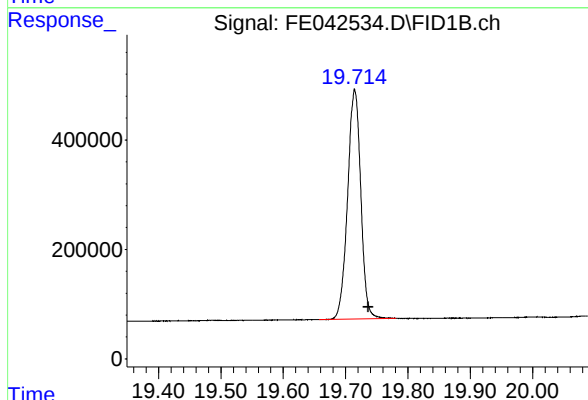
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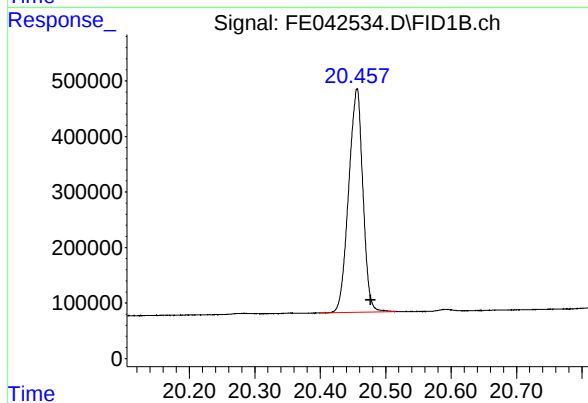
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.022 min
Response: 6027248
Conc: 45.12 ug/ml



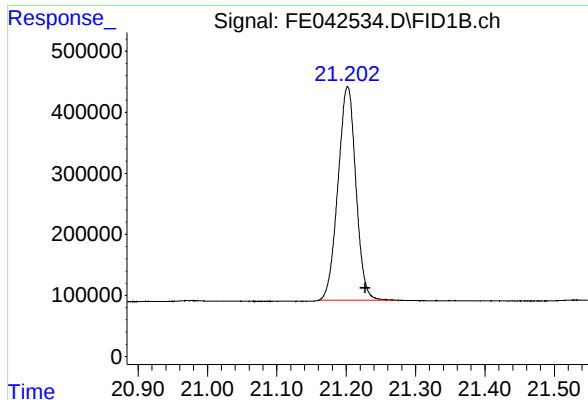
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.022 min
Response: 6177745
Conc: 46.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.020 min
Response: 6082585
Conc: 46.80 ug/ml



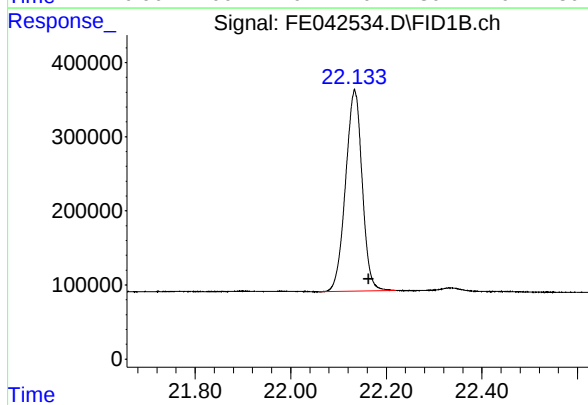
#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: -0.025 min
Response: 6282195
Conc: 46.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.030 min
Response: 6571709
Conc: 47.24 ug/ml