

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061223AL\
 Data File : FE042552.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2023 14:34
 Operator : YP\AJ
 Sample : PB153351BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB153351BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e

Quant Time: Jun 13 01:49:25 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)	11.949	8354815	47.315 ug/ml
Spiked Amount 50.000		Recovery =	94.63%
12) S 1-chlorooctadecane (S...	13.383	6346847	47.764 ug/ml
Spiked Amount 50.000		Recovery =	95.53%
Target Compounds			
1) T n-Nonane (C9)	3.334	6647793	46.102 ug/ml
2) T n-Decane (C10)	4.581	7217887	48.758 ug/ml
3) T A~Naphthalene (C11.7)	6.286	7909140	48.475 ug/ml
4) T n-Dodecane (C12)	6.745	7663935	51.108 ug/ml
5) T A~2-methylnaphthalene...	7.383	7632615	48.094 ug/ml
6) T n-Tetradecane (C14)	8.577	7714655	51.497 ug/ml
7) T n-Hexadecane (C16)	10.183	7943987	50.998 ug/ml
8) T n-Octadecane (C18)	11.628	7875189	49.801 ug/ml
10) T n-Eicosane (C20)	12.938	7742615	51.079 ug/ml
11) T n-Heneicosane (C21)	13.550	7372530	49.763 ug/ml
13) T n-Docosane (C22)	14.136	7225417	49.287 ug/ml
14) T n-Tetracosane (C24)	15.235	13464164	93.270 ug/ml
15) T n-Hexacosane (C26)	16.263	6742787	48.685 ug/ml
16) T n-Octacosane (C28)	17.212	6575170	49.111 ug/ml
17) T n-Tricontane (C30)	18.103	6551344	48.532 ug/ml
18) T n-Dotriacontane (C32)	18.933	6441028	48.215 ug/ml
19) T n-Tetratriacontane (C34)	19.717	6585527	50.076 ug/ml
20) T n-Hexatriacontane (C36)	20.458	6456166	49.673 ug/ml
21) T n-Octatriacontane (C38)	21.208	6697988	49.369 ug/ml
22) T n-Tetracontane (C40)	22.139	6958077	50.015 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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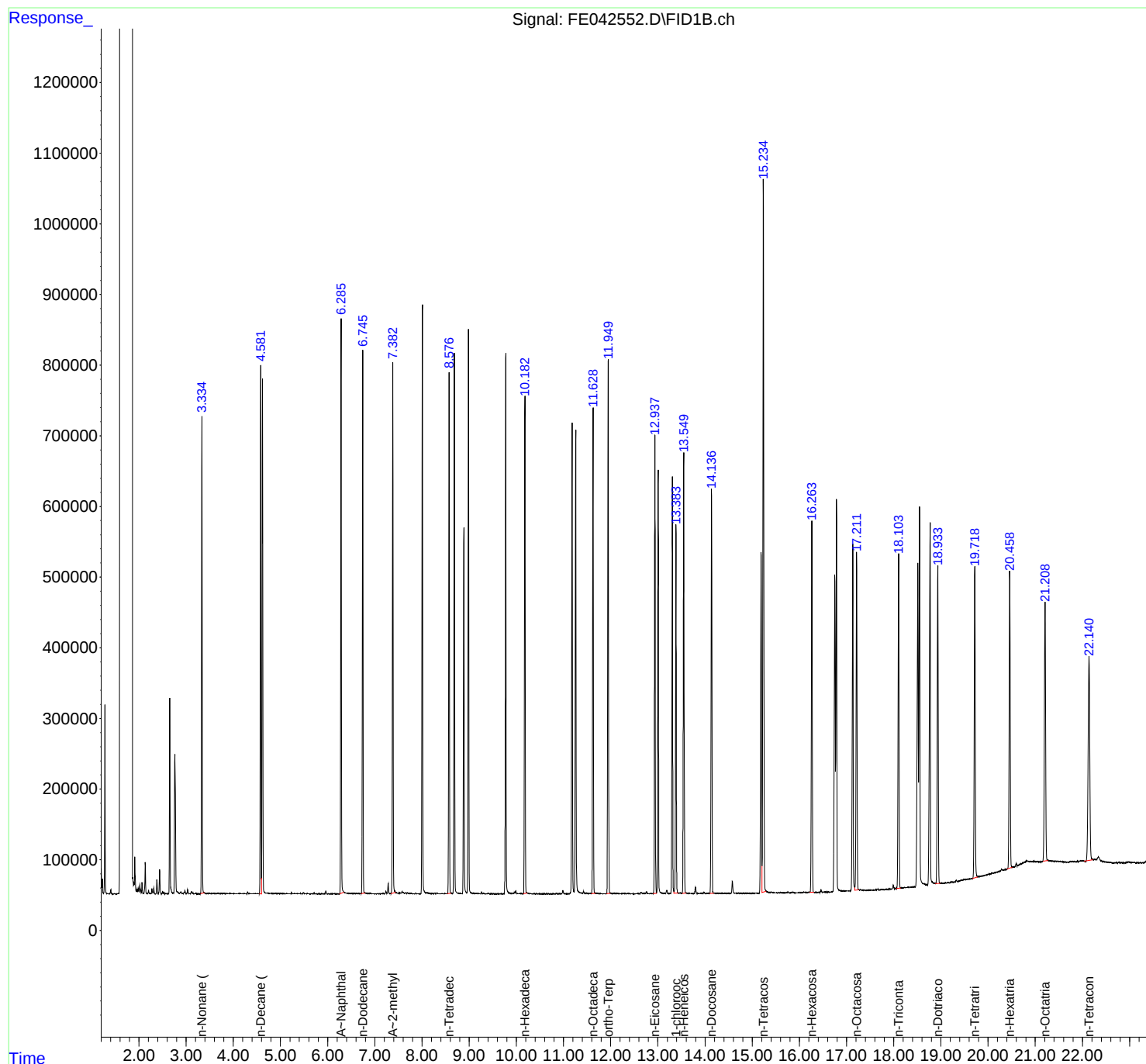
Response via : Initial Calibration

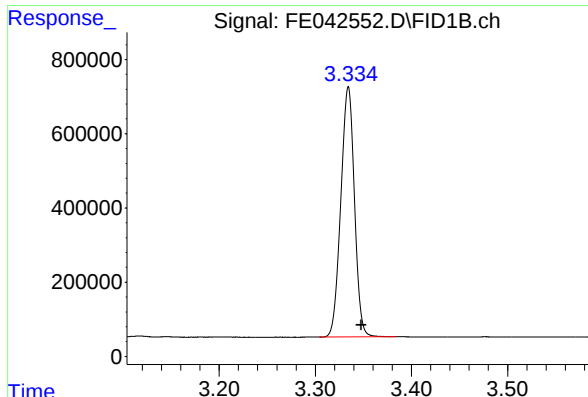
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





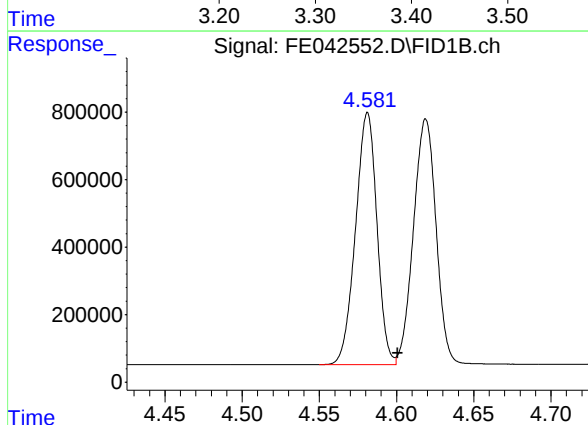
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.014 min
Response: 6647793
Conc: 46.10 ug/ml

Instrument :
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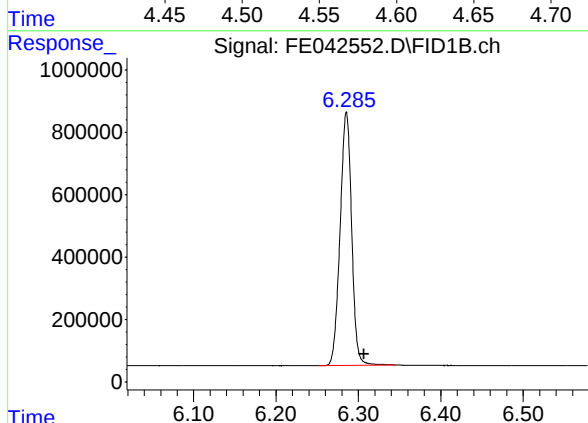
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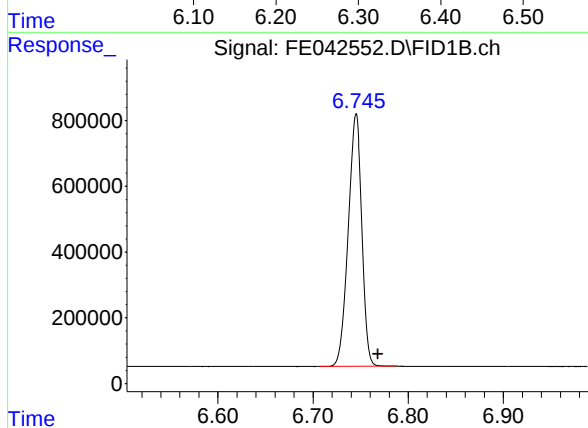
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.020 min
Response: 7217887
Conc: 48.76 ug/ml



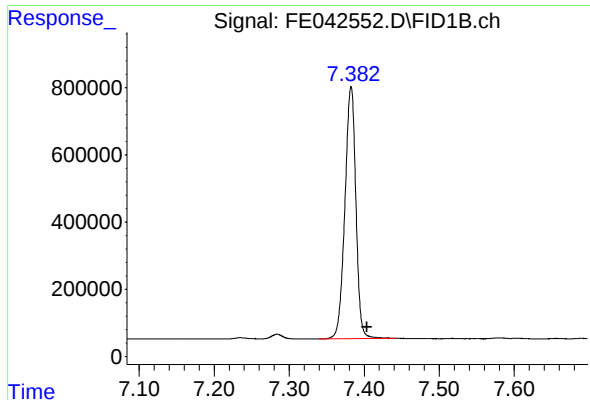
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: -0.021 min
Response: 7909140
Conc: 48.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: -0.023 min
Response: 7663935
Conc: 51.11 ug/ml



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

R.T.: 7.383 min
Delta R.T.: -0.021 min
Response: 7632615
Conc: 48.09 ug/ml

Instrument :

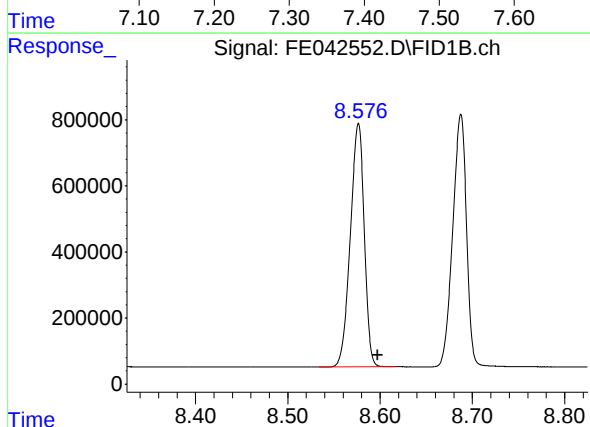
FID_E

ClientSampleId :

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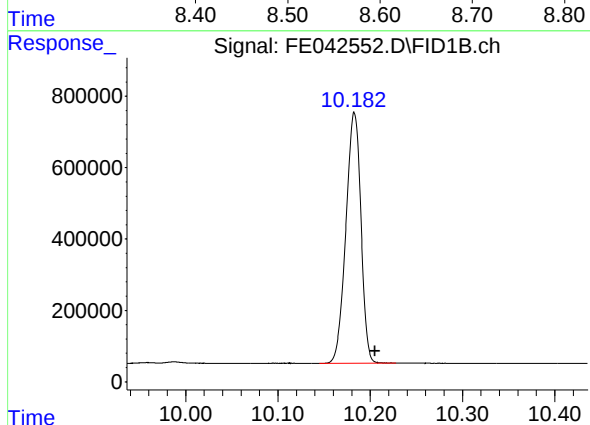
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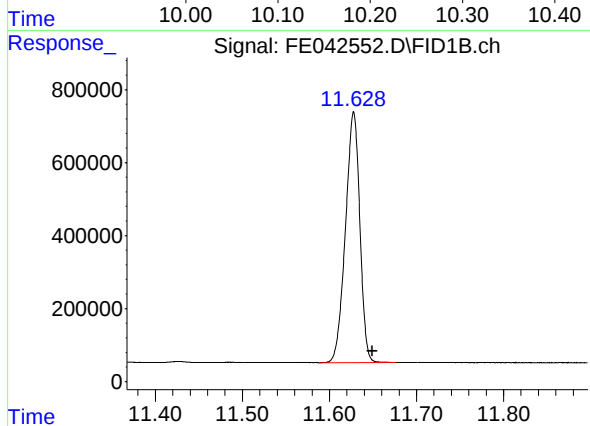
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.021 min
Response: 7714655
Conc: 51.50 ug/ml



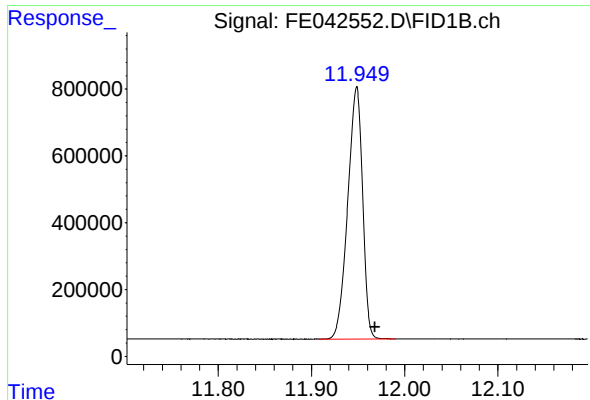
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 7943987
Conc: 51.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.021 min
Response: 7875189
Conc: 49.80 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.020 min
Response: 8354815
Conc: 47.32 ug/ml

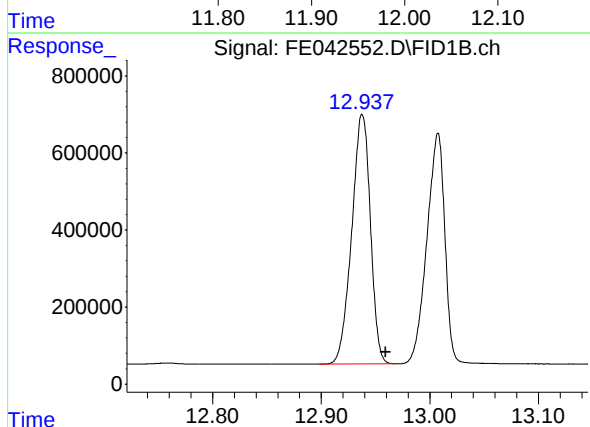
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FID_E

ClientSampleId :
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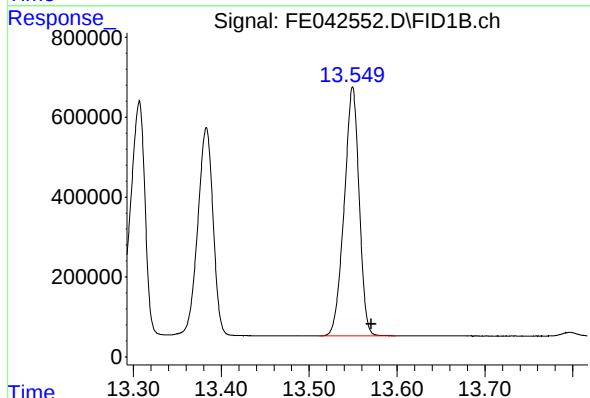
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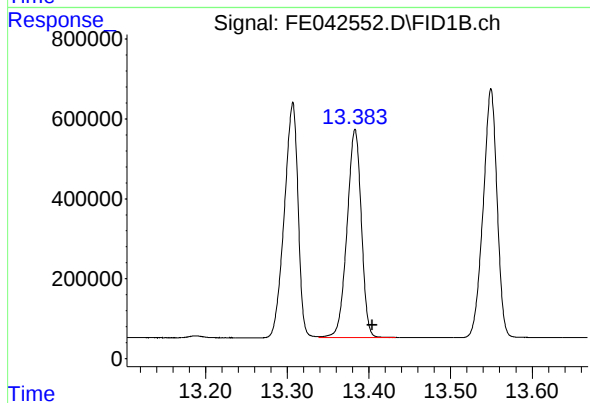
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.021 min
Response: 7742615
Conc: 51.08 ug/ml



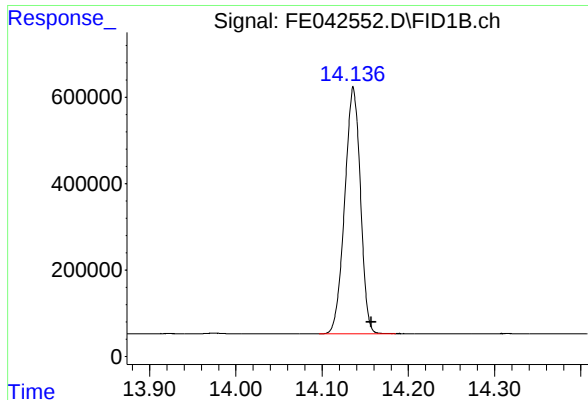
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.021 min
Response: 7372530
Conc: 49.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: -0.021 min
Response: 6346847
Conc: 47.76 ug/ml



#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: -0.021 min
Response: 7225417
Conc: 49.29 ug/ml

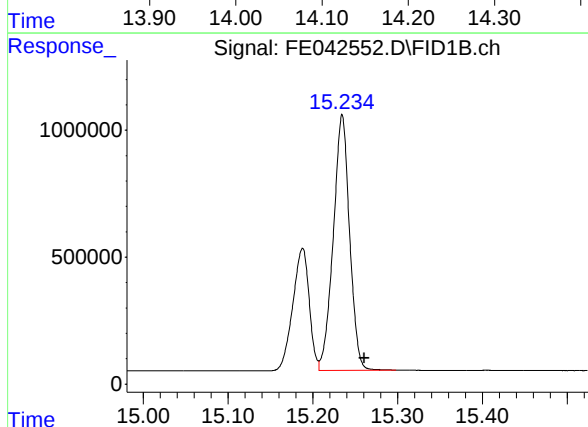
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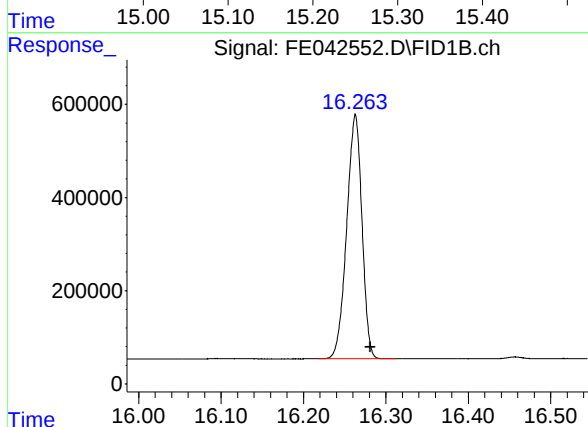
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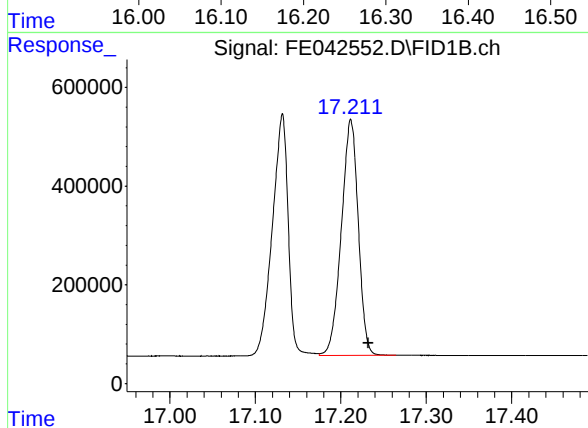
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.026 min
Response: 13464164
Conc: 93.27 ug/ml



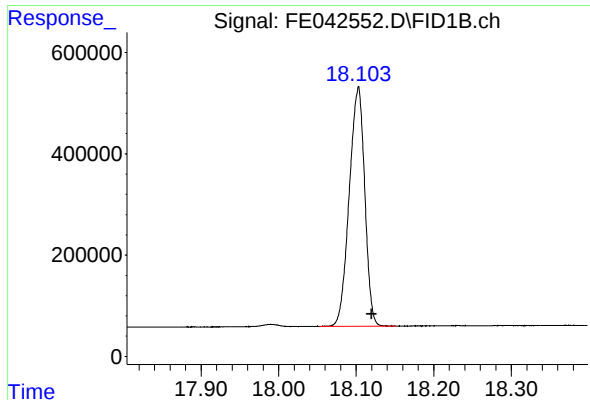
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.018 min
Response: 6742787
Conc: 48.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: -0.020 min
Response: 6575170
Conc: 49.11 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.017 min
Response: 6551344
Conc: 48.53 ug/ml

Instrument :

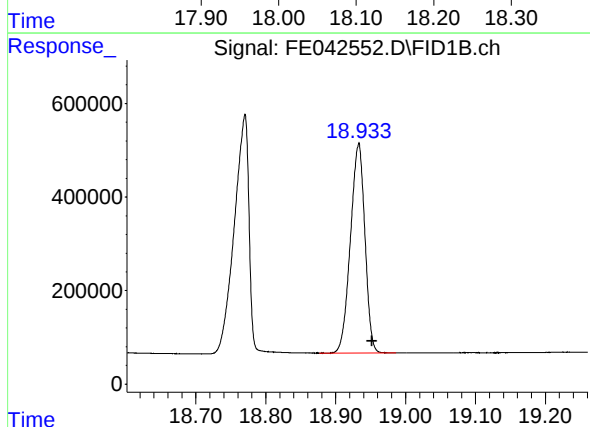
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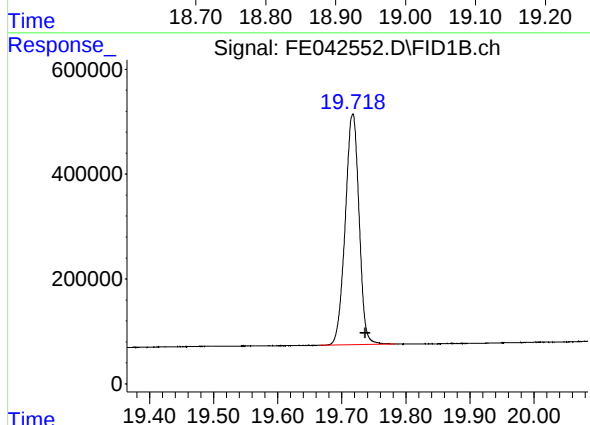
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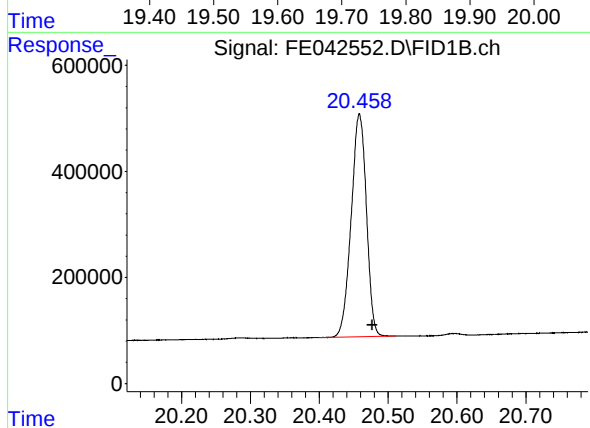
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.019 min
Response: 6441028
Conc: 48.21 ug/ml



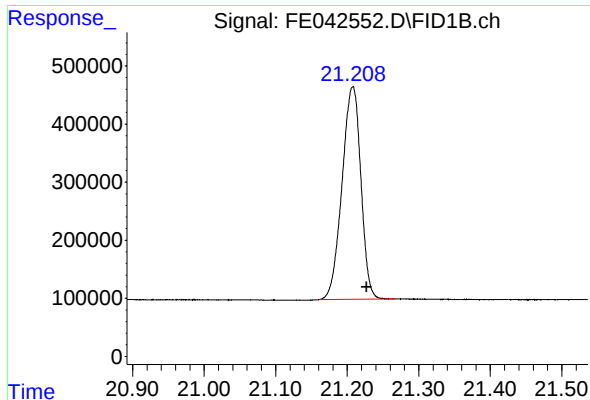
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.019 min
Response: 6585527
Conc: 50.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.019 min
Response: 6456166
Conc: 49.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 6697988
Conc: 49.37 ug/ml

Instrument :

FID_E

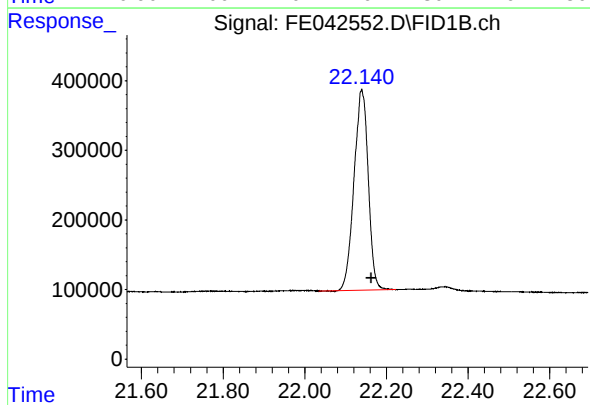
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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.024 min
Response: 6958077
Conc: 50.02 ug/ml