

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049644.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 15:20
 Operator : YP\AJ
 Sample : PB162783BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162783BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/19/2024

Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e

Quant Time: Aug 16 23:41:37 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.892	6791069	41.995 ug/ml
Spiked Amount 50.000		Recovery =	83.99%
12) S 1-chlorooctadecane (S...	13.327	5267029	43.170 ug/ml
Spiked Amount 50.000		Recovery =	86.34%
Target Compounds			
1) T n-Nonane (C9)	3.287	6013187	38.856 ug/ml
2) T n-Decane (C10)	4.534	6326656	40.070 ug/ml
3) T A~Naphthalene (C11.7)	6.238	6436037	40.111 ug/ml
4) T n-Dodecane (C12)	6.698	6520814	41.479 ug/ml
5) T A~2-methylnaphthalene...	7.333	6231308	41.610 ug/ml
6) T n-Tetradecane (C14)	8.526	6505817	42.142 ug/ml
7) T n-Hexadecane (C16)	10.131	6372146	40.800 ug/ml
8) T n-Octadecane (C18)	11.574	6428407	40.932 ug/ml
10) T n-Eicosane (C20)	12.883	6424461	43.029 ug/ml
11) T n-Heneicosane (C21)	13.493	6250504	42.608 ug/ml
13) T n-Docosane (C22)	14.078	6175573	42.370 ug/ml
14) T n-Tetracosane (C24)	15.176	11259843	77.405 ug/ml
15) T n-Hexacosane (C26)	16.202	6072866	42.078 ug/ml
16) T n-Octacosane (C28)	17.150	6468877	44.911 ug/ml
17) T n-Tricontane (C30)	18.036	6197702	41.400 ug/ml
18) T n-Dotriacontane (C32)	18.869	6326333	41.818 ug/ml
19) T n-Tetratriacontane (C34)	19.652	6596857	43.150 ug/ml
20) T n-Hexatriacontane (C36)	20.391	6717176	44.235 ug/ml
21) T n-Octatriacontane (C38)	21.120	6962674	44.362 ug/ml
22) T n-Tetracontane (C40)	22.019	6817695	44.654 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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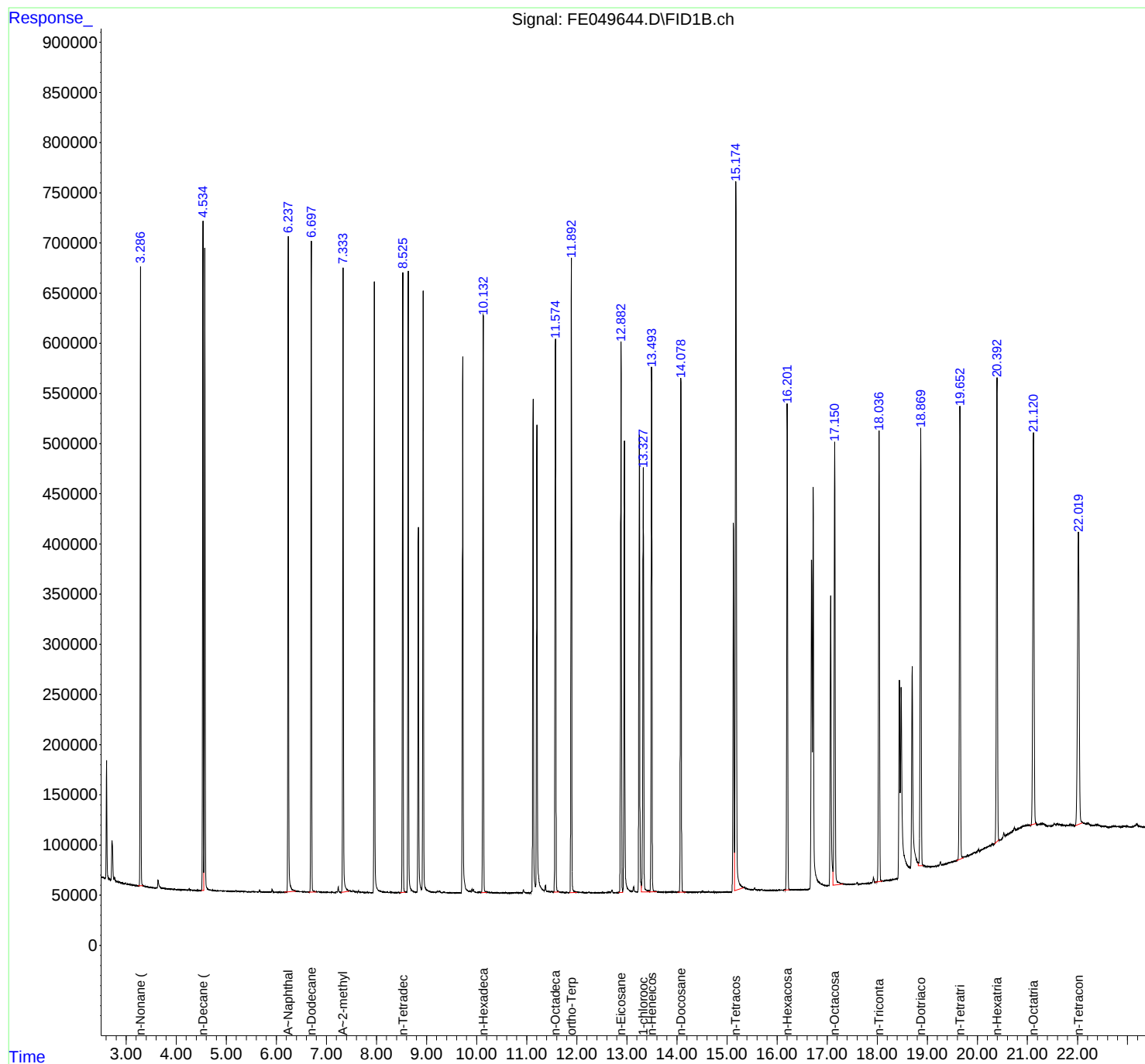
Response via : Initial Calibration

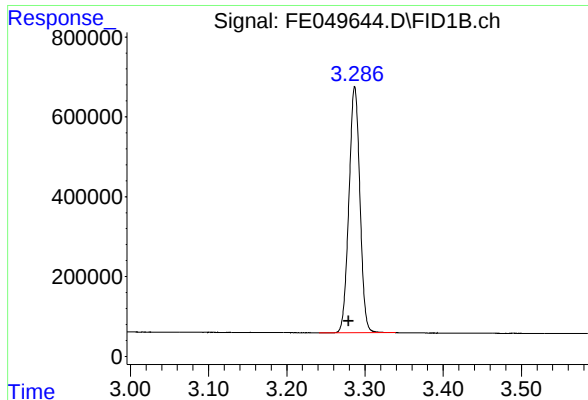
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





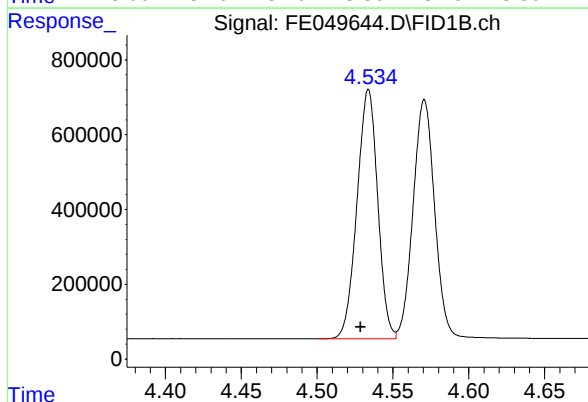
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.008 min
Response: 6013187
Conc: 38.86 ug/ml

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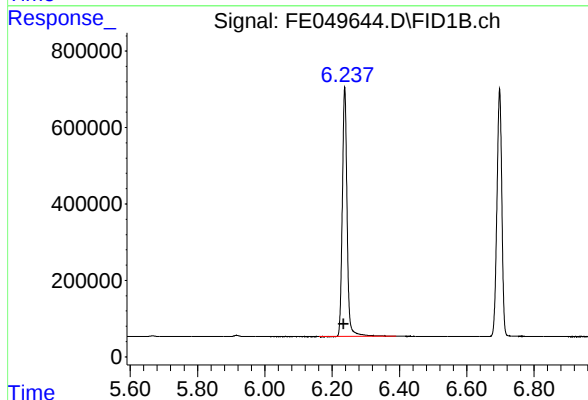
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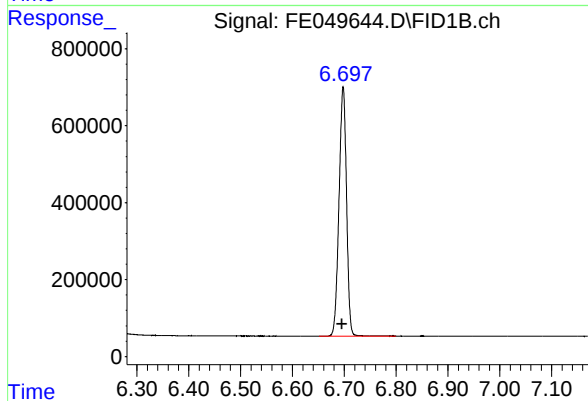
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: 0.005 min
Response: 6326656
Conc: 40.07 ug/ml



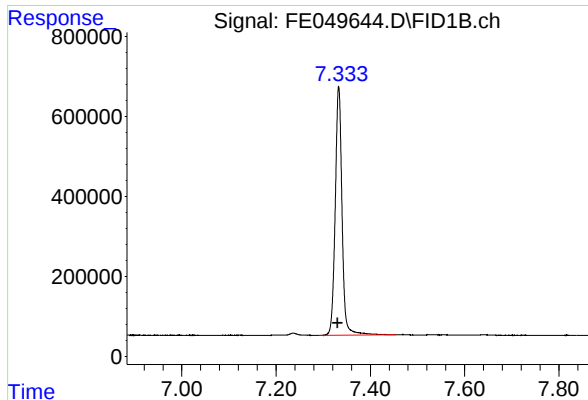
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 6436037
Conc: 40.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.002 min
Response: 6520814
Conc: 41.48 ug/ml



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

R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 6231308
Conc: 41.61 ug/ml

Instrument :

FID_E

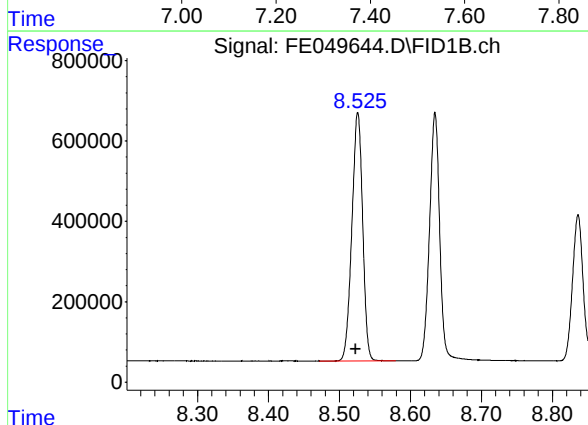
ClientSampleId :

PB162783BS

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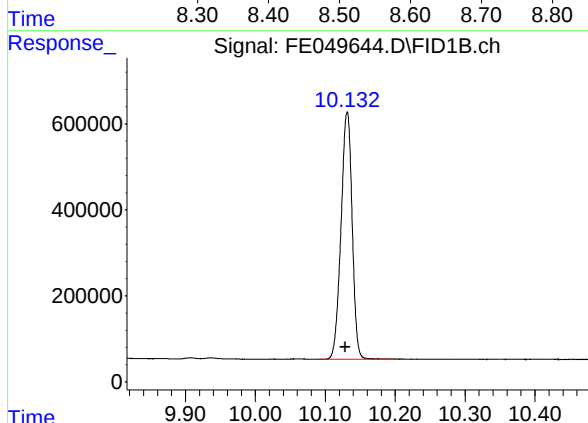
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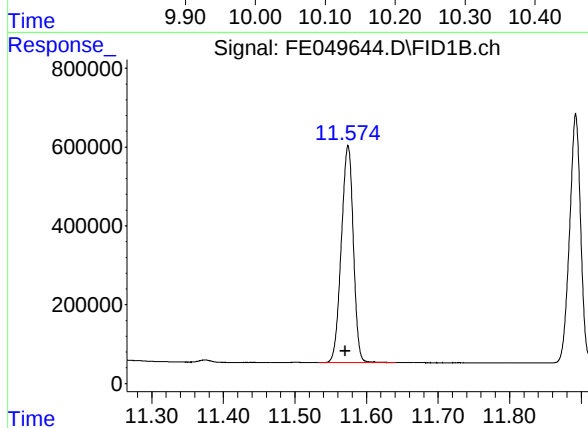
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.003 min
Response: 6505817
Conc: 42.14 ug/ml



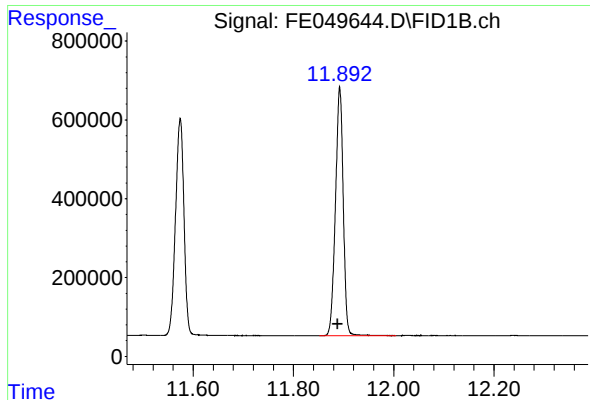
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.002 min
Response: 6372146
Conc: 40.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: 0.004 min
Response: 6428407
Conc: 40.93 ug/ml



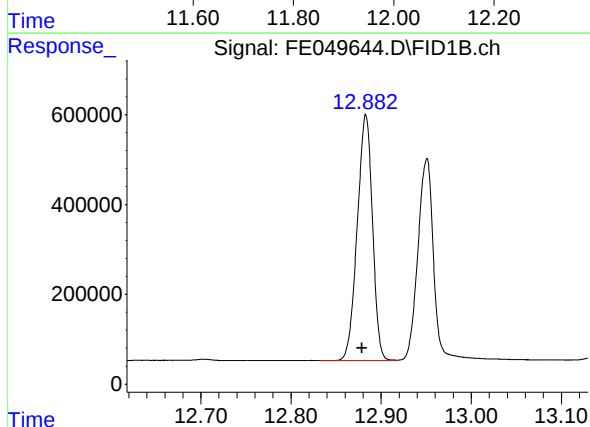
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: 0.004 min
Response: 6791069
Conc: 42.00 ug/ml

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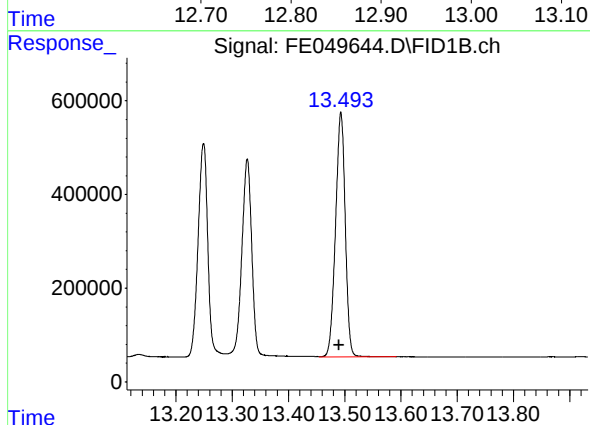
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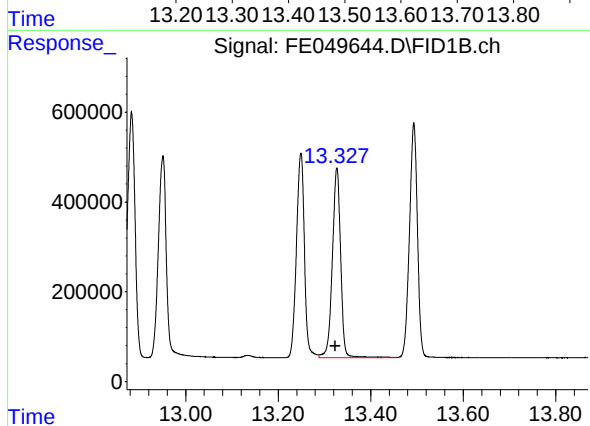
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.004 min
Response: 6424461
Conc: 43.03 ug/ml



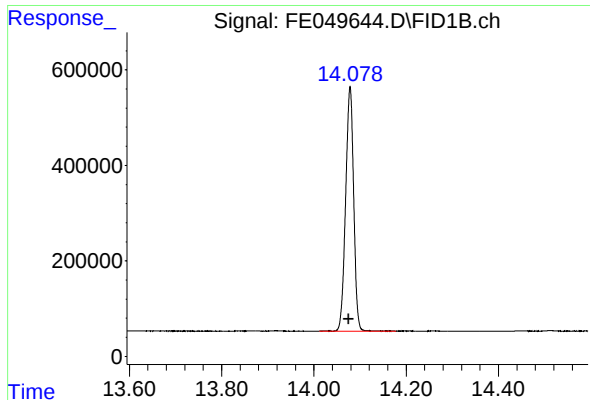
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: 0.003 min
Response: 6250504
Conc: 42.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: 0.003 min
Response: 5267029
Conc: 43.17 ug/ml



#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: 0.003 min
Response: 6175573
Conc: 42.37 ug/ml

Instrument :

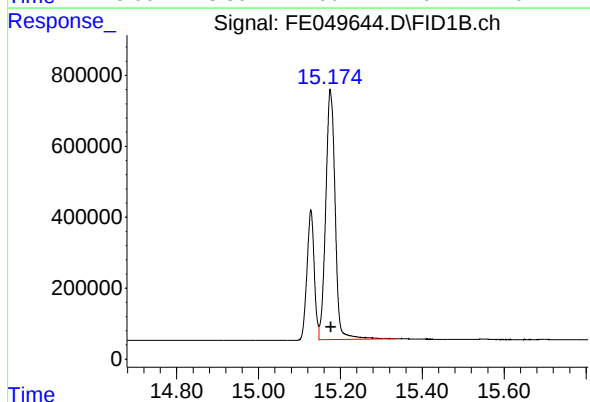
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ClientSampleId :

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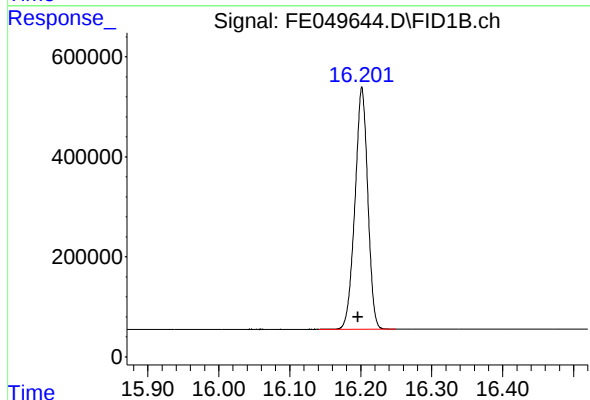
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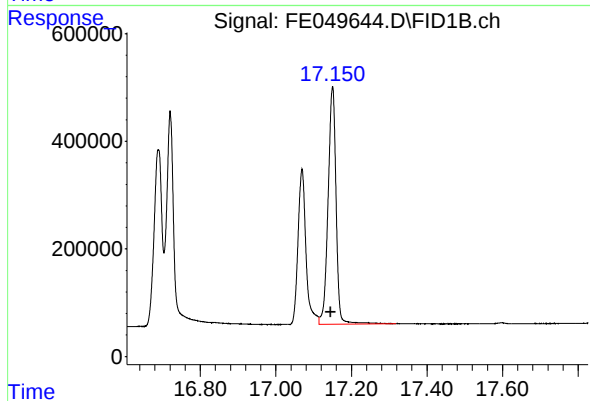
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.001 min
Response: 11259843
Conc: 77.41 ug/ml



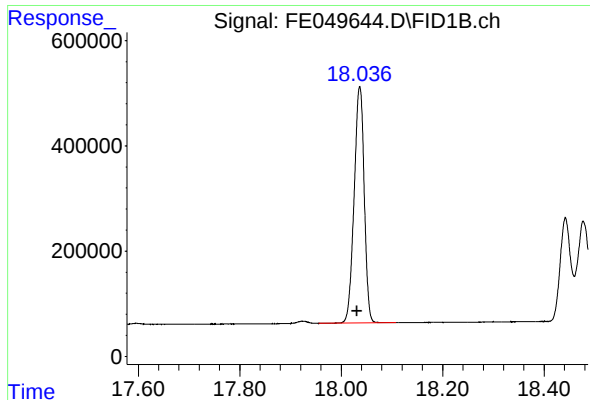
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: 0.005 min
Response: 6072866
Conc: 42.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: 0.005 min
Response: 6468877
Conc: 44.91 ug/ml



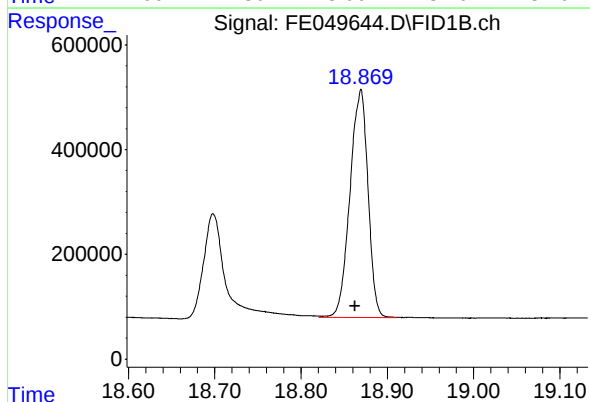
#17 n-Tricontane (C30)

R.T.: 18.036 min
Delta R.T.: 0.005 min
Response: 6197702
Conc: 41.40 ug/ml

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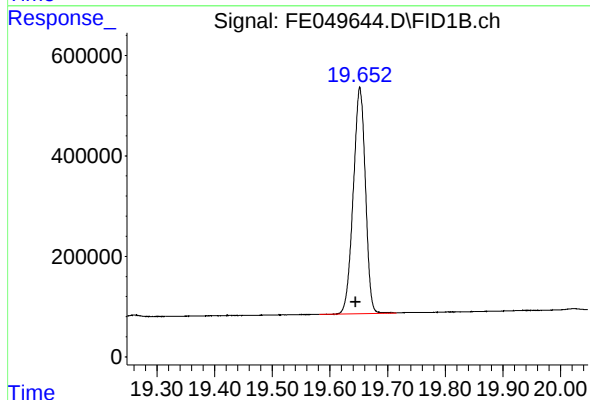
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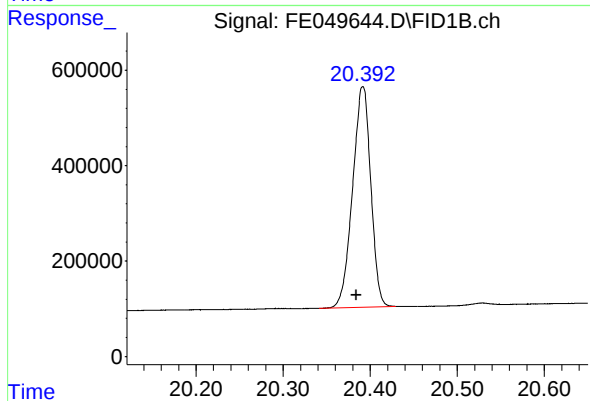
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.007 min
Response: 6326333
Conc: 41.82 ug/ml



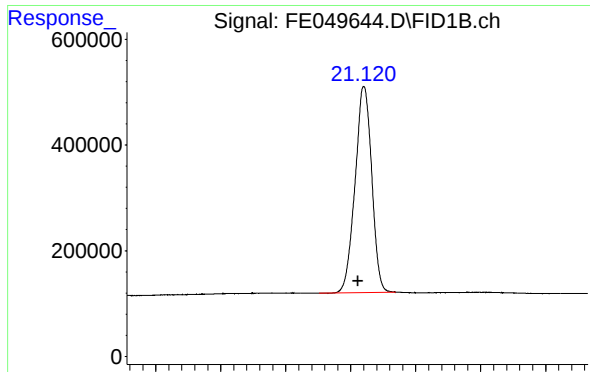
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: 0.008 min
Response: 6596857
Conc: 43.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.008 min
Response: 6717176
Conc: 44.23 ug/ml



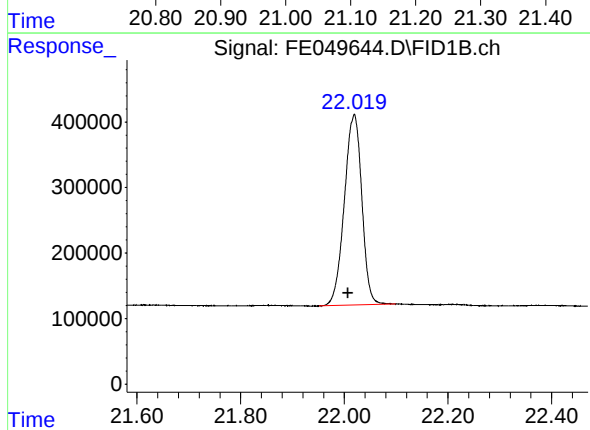
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: 0.009 min
Response: 6962674
Conc: 44.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: 0.012 min
Response: 6817695
Conc: 44.65 ug/ml