

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061924AL\
 Data File : FE048784.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2024 14:07
 Operator : YP\AJ
 Sample : PB161581BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161581BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2024
 Supervised By :Ankita Jodhani 06/20/2024

Integration File: autoint1.e
 Quant Time: Jun 20 01:20:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.938	6307076	43.922 ug/ml
Spiked Amount 50.000		Recovery =	87.84%
12) S 1-chlorooctadecane (S...	13.372	5335200	48.973 ug/ml
Spiked Amount 50.000		Recovery =	97.95%
Target Compounds			
1) T n-Nonane (C9)	3.334	5466346	36.563 ug/ml
2) T n-Decane (C10)	4.580	5769649	38.209 ug/ml
3) T A~Naphthalene (C11.7)	6.281	6325853	42.484 ug/ml
4) T n-Dodecane (C12)	6.741	5767698	38.964 ug/ml
5) T A~2-methylnaphthalene...	7.377	6388807	46.077 ug/ml
6) T n-Tetradecane (C14)	8.570	6272632	44.225 ug/ml
7) T n-Hexadecane (C16)	10.175	6388126	45.313 ug/ml
8) T n-Octadecane (C18)	11.618	6272216	45.161 ug/ml
10) T n-Eicosane (C20)	12.926	6194150	46.807 ug/ml
11) T n-Heneicosane (C21)	13.538	5960194	46.014 ug/ml
13) T n-Docosane (C22)	14.124	5903348	45.811 ug/ml
14) T n-Tetracosane (C24)	15.219	11119576	85.832 ug/ml
15) T n-Hexacosane (C26)	16.247	5860839	45.220 ug/ml
16) T n-Octacosane (C28)	17.195	6155266	47.622 ug/ml
17) T n-Tricontane (C30)	18.082	5989862	44.713 ug/ml
18) T n-Dotriacontane (C32)	18.913	6260657	46.122 ug/ml
19) T n-Tetratriacontane (C34)	19.696	6348488	46.407 ug/ml
20) T n-Hexatriacontane (C36)	20.434	6384036	46.964 ug/mlm
21) T n-Octatriacontane (C38)	21.172	6444592	47.257 ug/ml
22) T n-Tetracontane (C40)	22.086	6081830	44.418 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

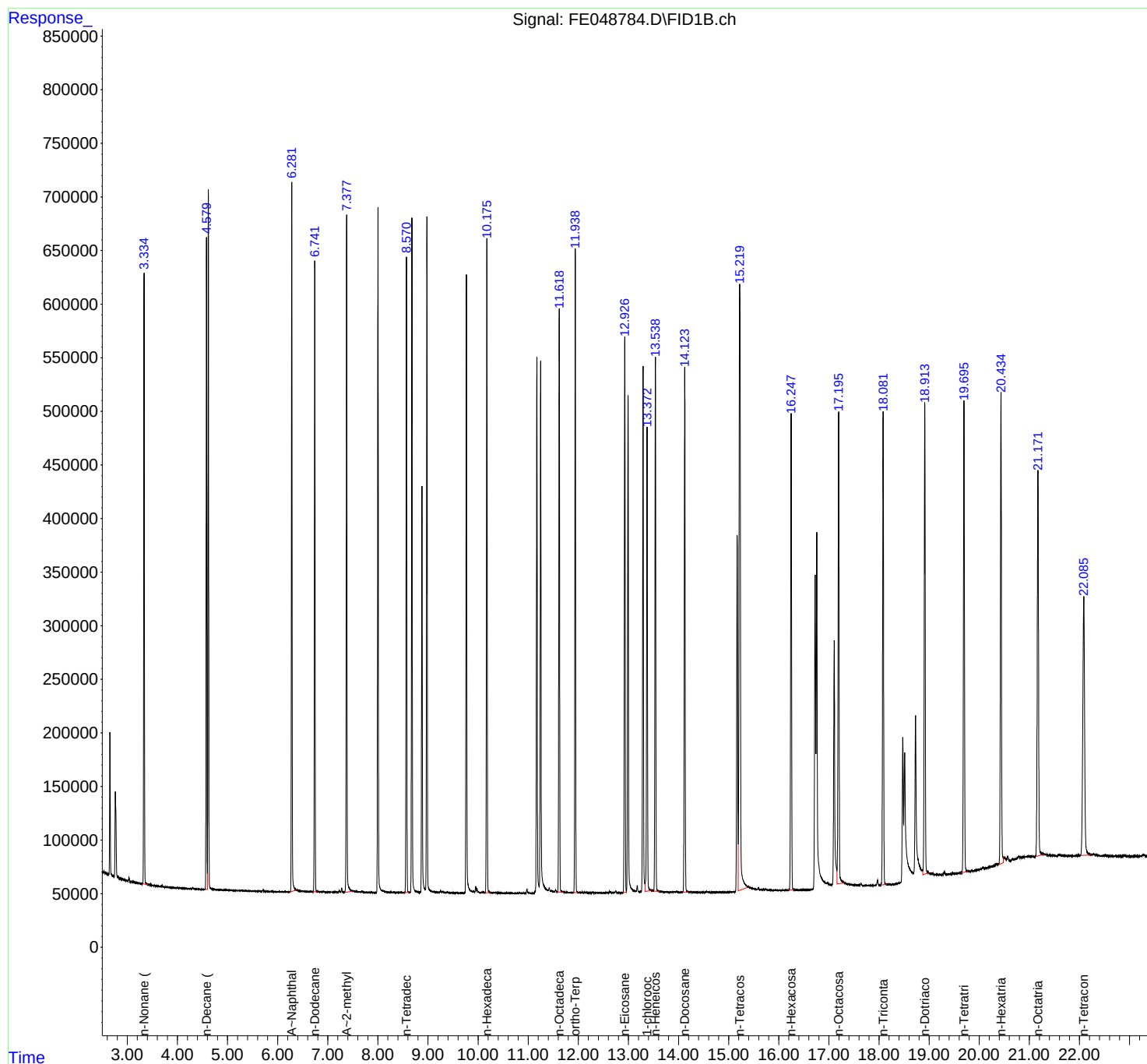
Instrument :
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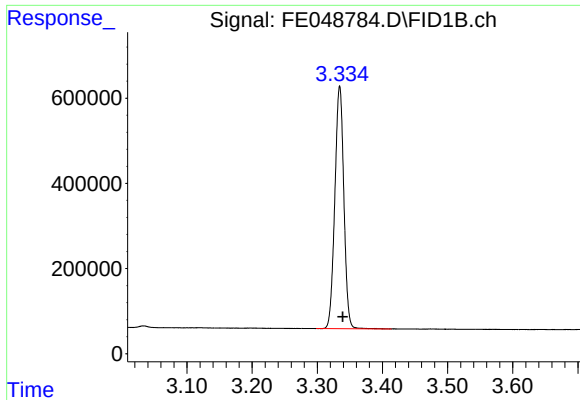
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#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.005 min
Response: 5466346
Conc: 36.56 ug/ml

Instrument :

FID_E

ClientSampleId :

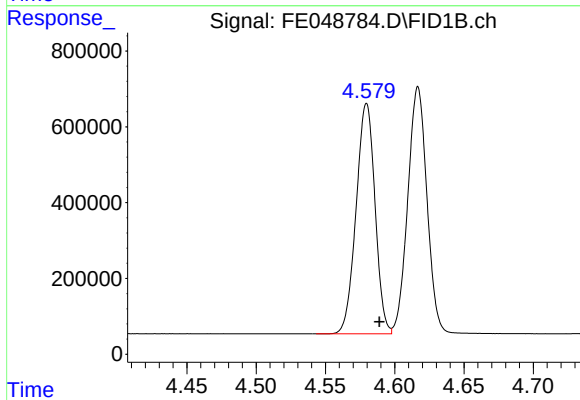
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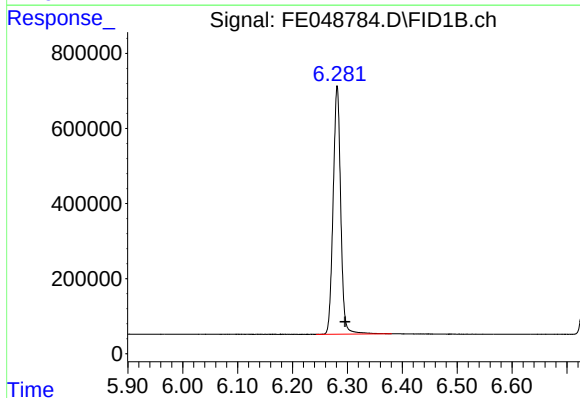
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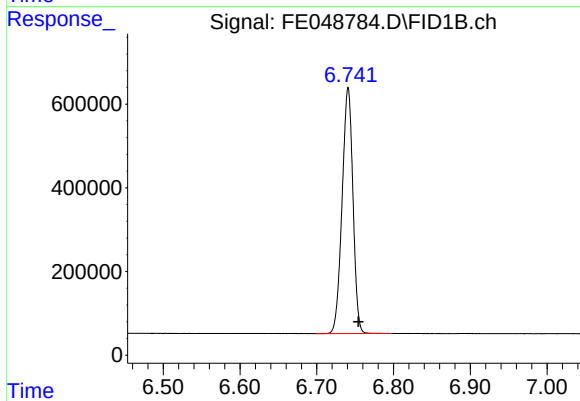
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.009 min
Response: 5769649
Conc: 38.21 ug/ml



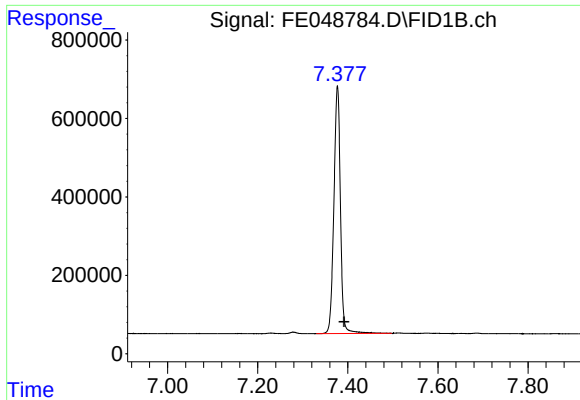
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 6325853
Conc: 42.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.013 min
Response: 5767698
Conc: 38.96 ug/ml



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

R.T.: 7.377 min
Delta R.T.: -0.014 min
Response: 6388807
Conc: 46.08 ug/ml

Instrument :

FID_E

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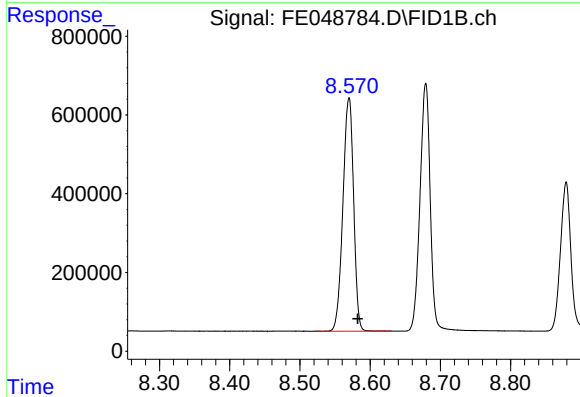
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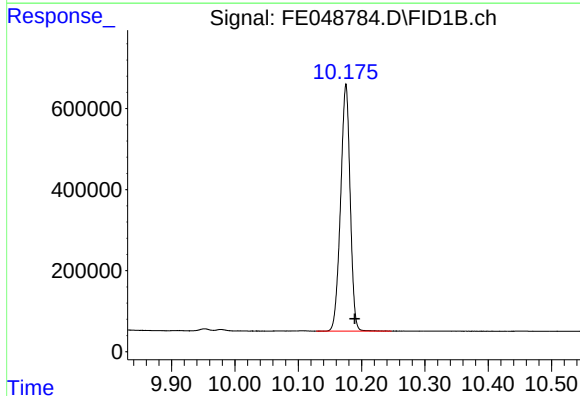
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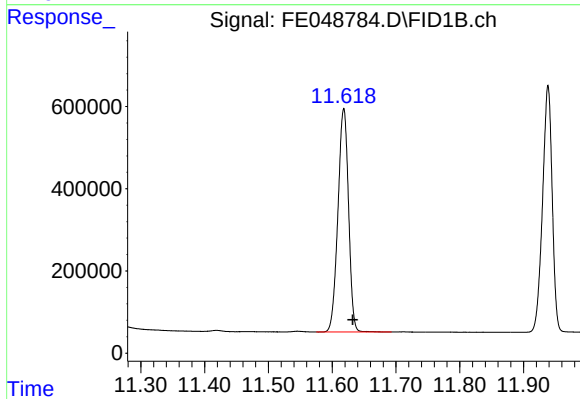
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.012 min
Response: 6272632
Conc: 44.23 ug/ml



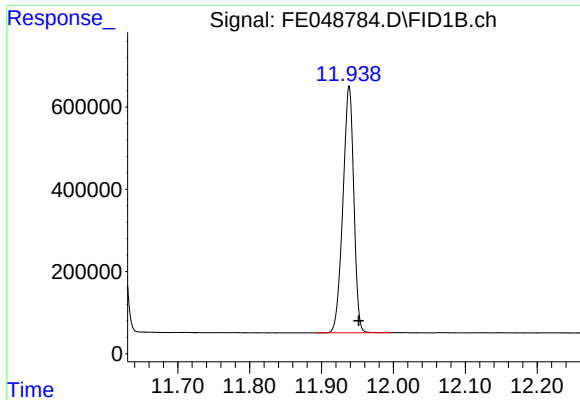
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.014 min
Response: 6388126
Conc: 45.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 6272216
Conc: 45.16 ug/ml



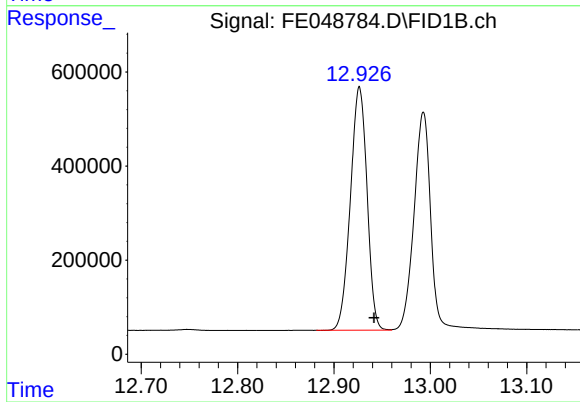
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.014 min
Response: 6307076
Conc: 43.92 ug/ml

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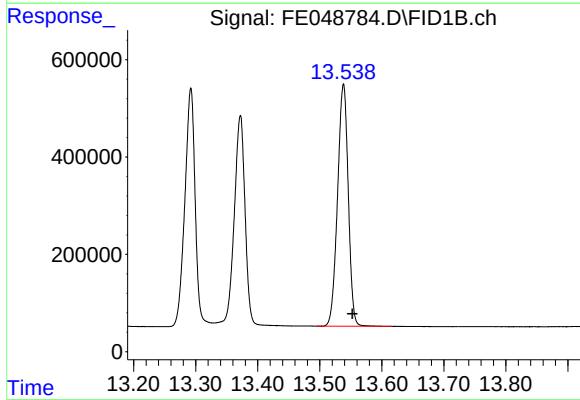
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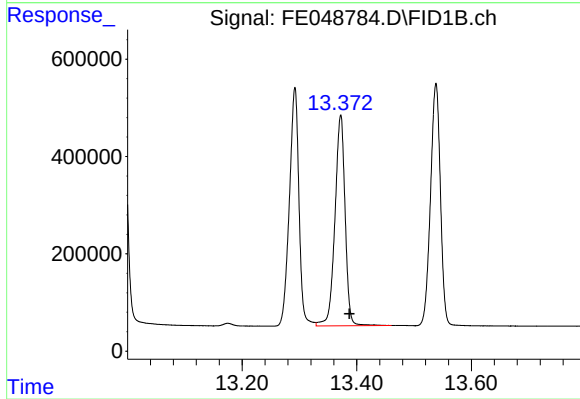
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: -0.015 min
Response: 6194150
Conc: 46.81 ug/ml



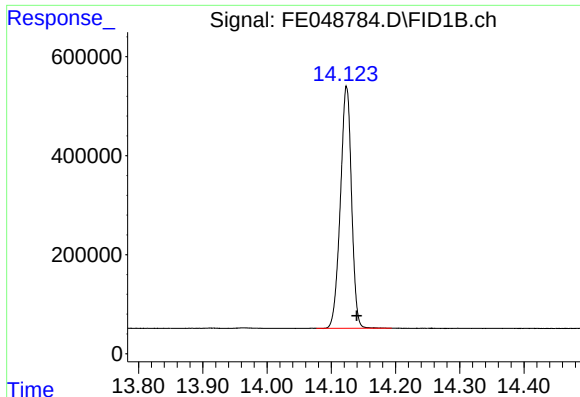
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.014 min
Response: 5960194
Conc: 46.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.015 min
Response: 5335200
Conc: 48.97 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.016 min
Response: 5903348
Conc: 45.81 ug/ml

Instrument :

FID_E

ClientSampleId :

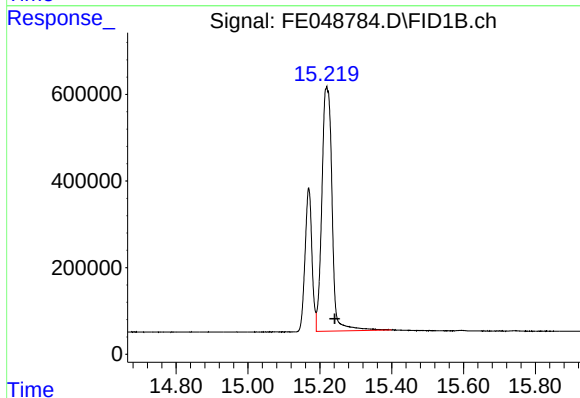
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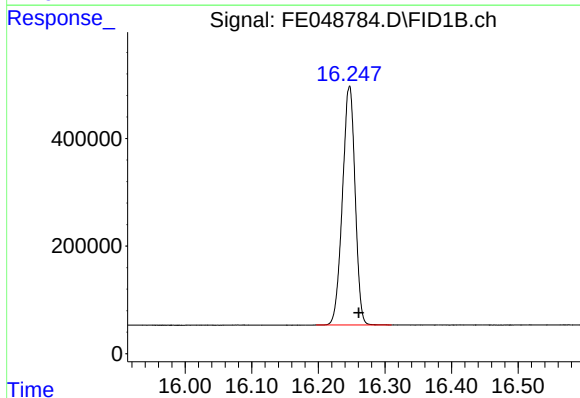
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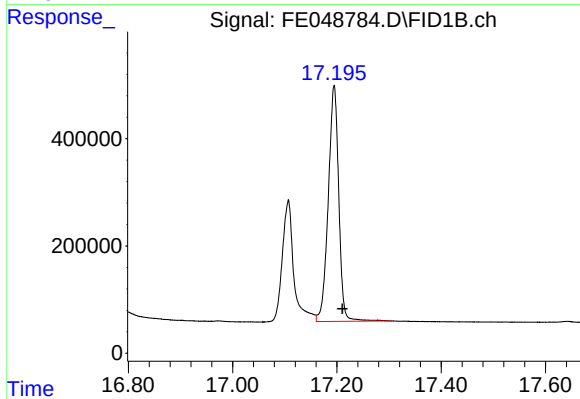
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.023 min
Response: 11119576
Conc: 85.83 ug/ml



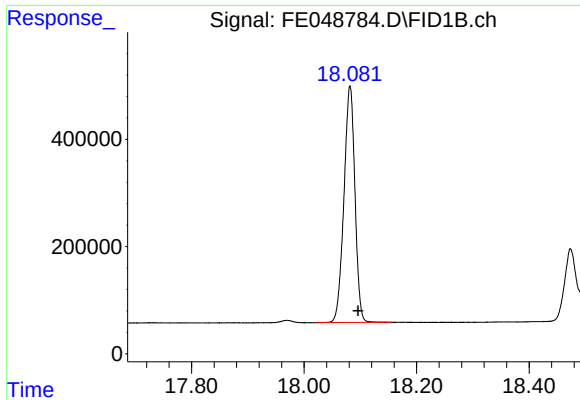
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.014 min
Response: 5860839
Conc: 45.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: -0.016 min
Response: 6155266
Conc: 47.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.015 min
Response: 5989862
Conc: 44.71 ug/ml

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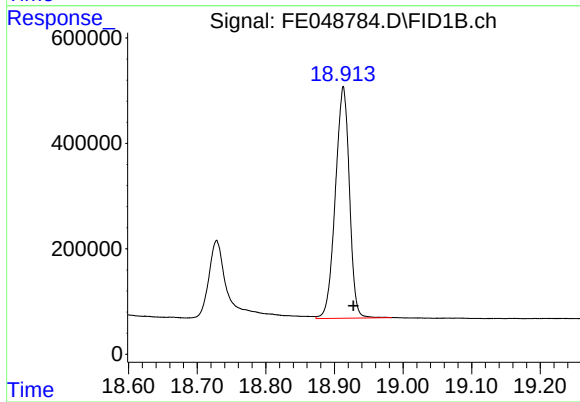
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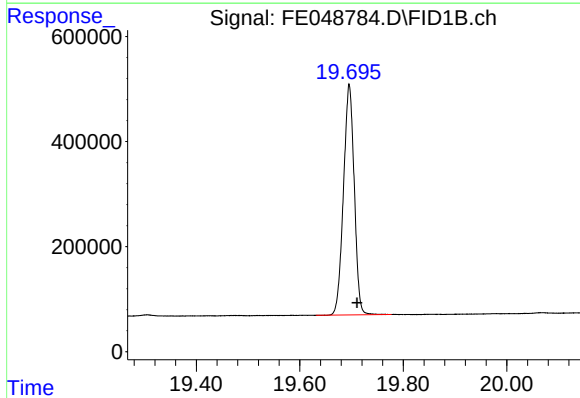
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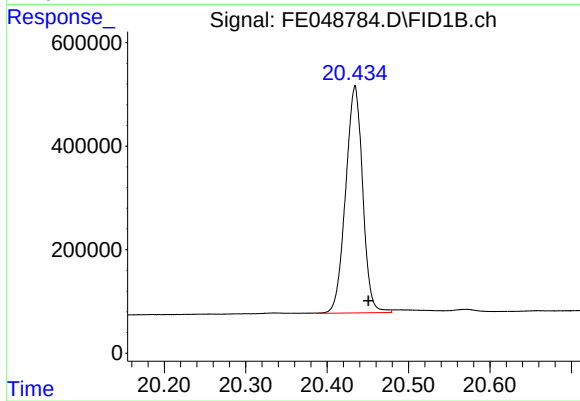
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.015 min
Response: 6260657
Conc: 46.12 ug/ml



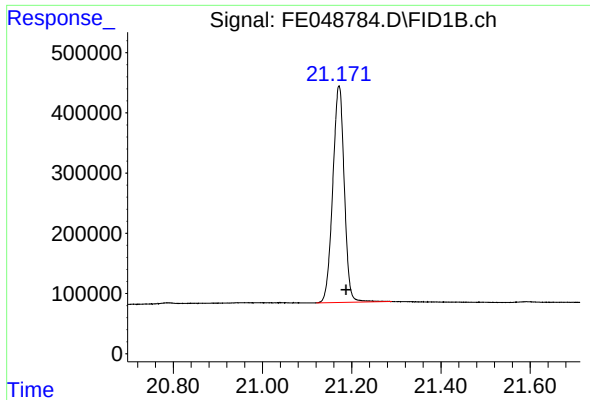
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.016 min
Response: 6348488
Conc: 46.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.016 min
Response: 6384036
Conc: 46.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.016 min
Response: 6444592
Conc: 47.26 ug/ml

Instrument :

FID_E

ClientSampleId :

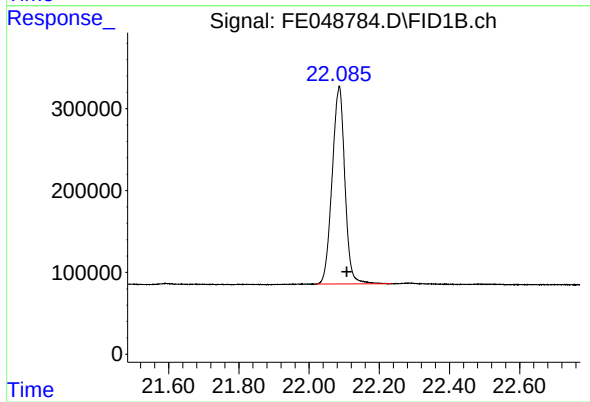
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#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: -0.021 min
Response: 6081830
Conc: 44.42 ug/ml