

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071024AL\
 Data File : FE049042.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2024 14:41
 Operator : YP\AJ
 Sample : PB161989BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB161989BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File: autoint1.e
 Quant Time: Jul 11 04:12:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.925	4576888	27.372 ug/ml
Spiked Amount 50.000		Recovery =	54.74%
12) S 1-chlorooctadecane (S...	13.359	3959559	30.792 ug/ml
Spiked Amount 50.000		Recovery =	61.58%
Target Compounds			
1) T n-Nonane (C9)	3.321	5160121	34.322 ug/ml
2) T n-Decane (C10)	4.566	5659103	36.774 ug/ml
3) T A~Naphthalene (C11.7)	6.269	6533418	41.155 ug/ml
4) T n-Dodecane (C12)	6.728	5895977	38.193 ug/ml
5) T A~2-methylnaphthalene...	7.364	6737822	44.493 ug/ml
6) T n-Tetradecane (C14)	8.557	6590837	43.003 ug/ml
7) T n-Hexadecane (C16)	10.164	6720922	42.984 ug/ml
8) T n-Octadecane (C18)	11.607	6664805	41.789 ug/ml
10) T n-Eicosane (C20)	12.916	6638546	42.820 ug/ml
11) T n-Heneicosane (C21)	13.528	6395327	42.001 ug/ml
13) T n-Docosane (C22)	14.114	6341583	41.932 ug/ml
14) T n-Tetracosane (C24)	15.210	12016809	79.963 ug/ml
15) T n-Hexacosane (C26)	16.237	6257554	42.386 ug/ml
16) T n-Octacosane (C28)	17.185	6451557	44.736 ug/ml
17) T n-Tricontane (C30)	18.073	6364576	43.504 ug/ml
18) T n-Dotriacontane (C32)	18.903	6474890	45.285 ug/ml
19) T n-Tetratriacontane (C34)	19.685	6562384	47.426 ug/ml
20) T n-Hexatriacontane (C36)	20.426	6510295	50.092 ug/ml
21) T n-Octatriacontane (C38)	21.160	6820895	53.207 ug/ml
22) T n-Tetracontane (C40)	22.070	6905732	56.392 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

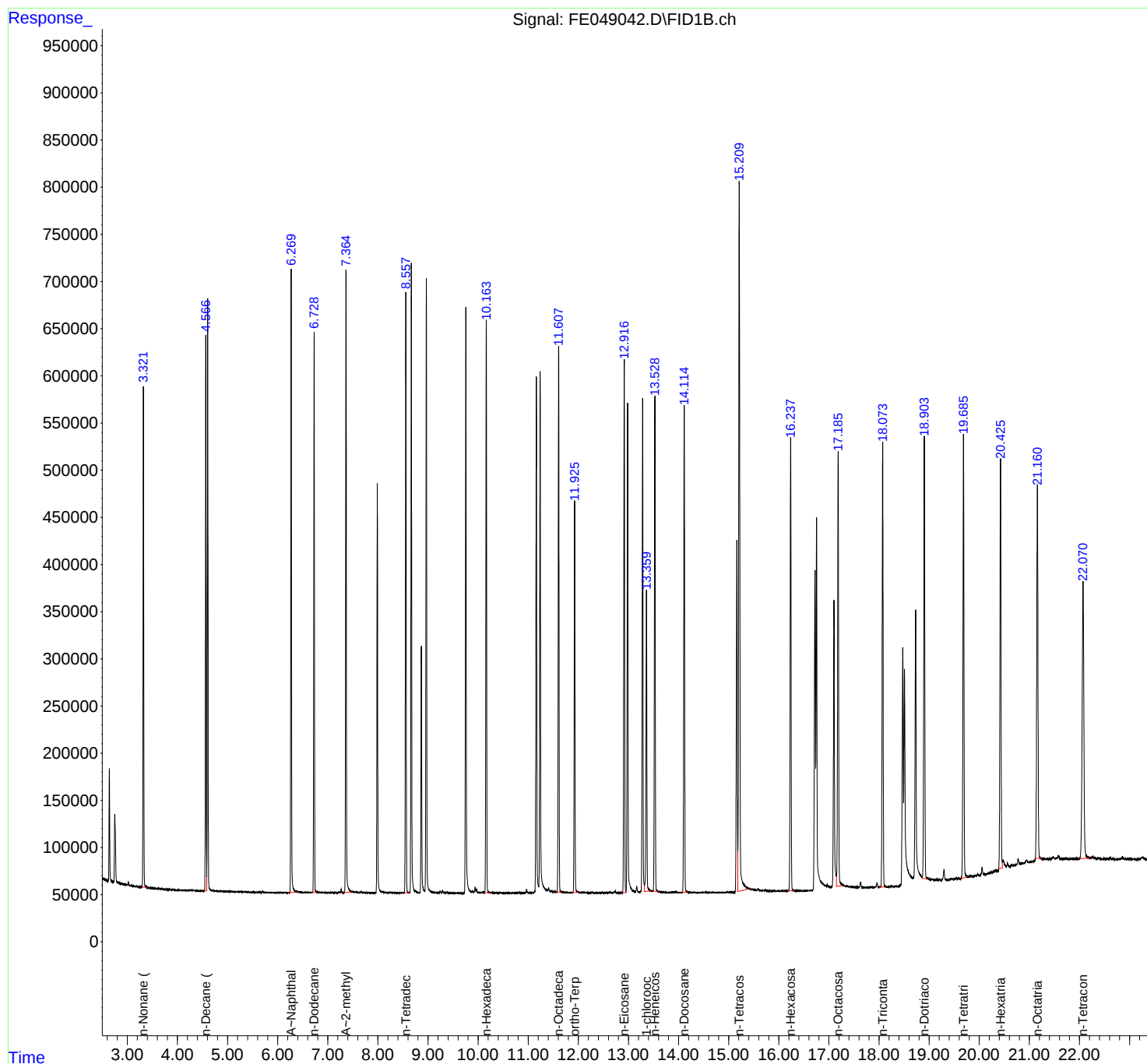
Instrument :
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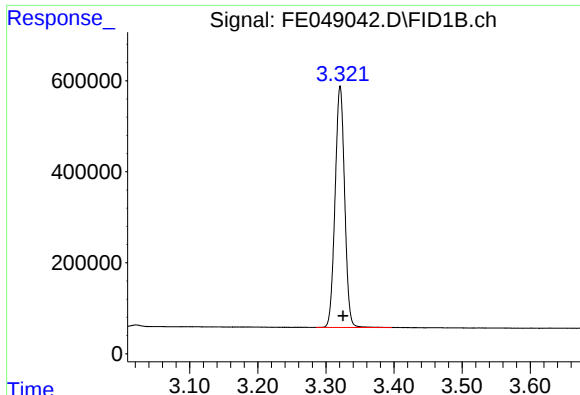
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#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.004 min
Response: 5160121
Conc: 34.32 ug/ml

Instrument :

FID_E

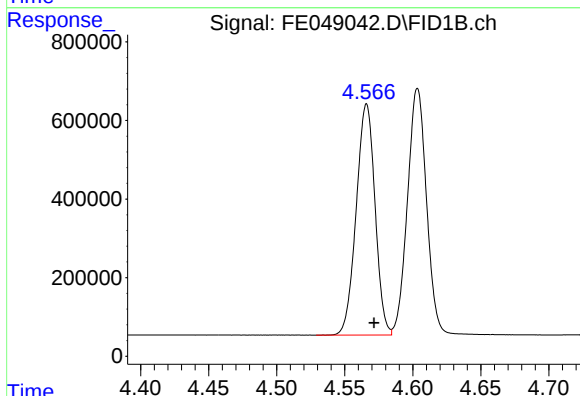
ClientSampleId :

PB161989BSD

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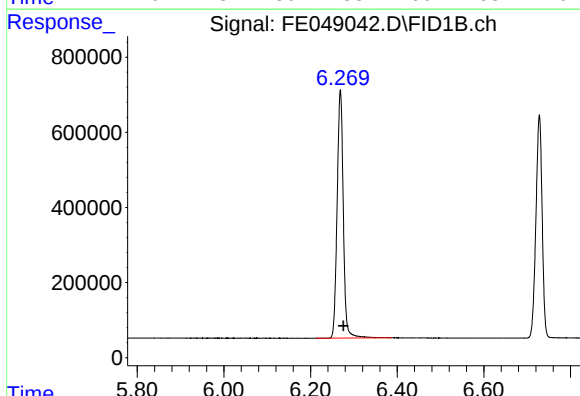
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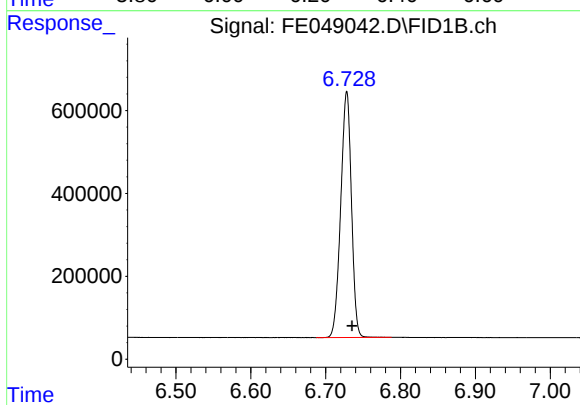
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.005 min
Response: 5659103
Conc: 36.77 ug/ml



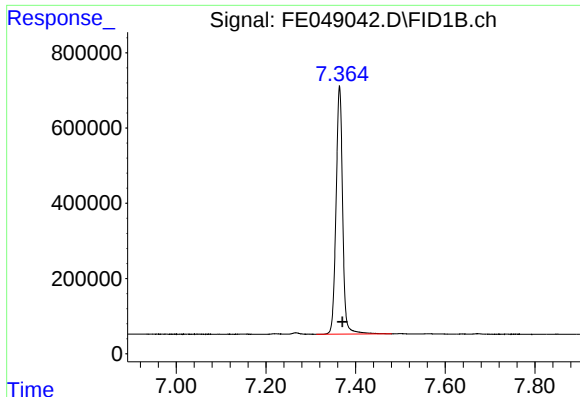
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: -0.007 min
Response: 6533418
Conc: 41.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.728 min
Delta R.T.: -0.007 min
Response: 5895977
Conc: 38.19 ug/ml



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

R.T.: 7.364 min
Delta R.T.: -0.006 min
Response: 6737822
Conc: 44.49 ug/ml

Instrument :

FID_E

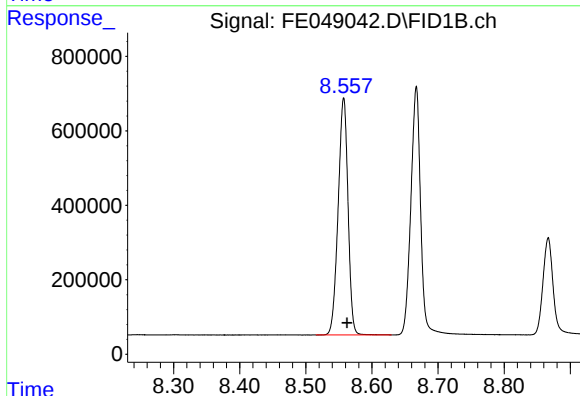
ClientSampleId :

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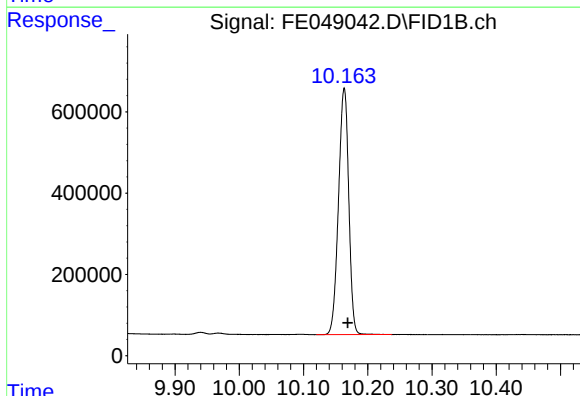
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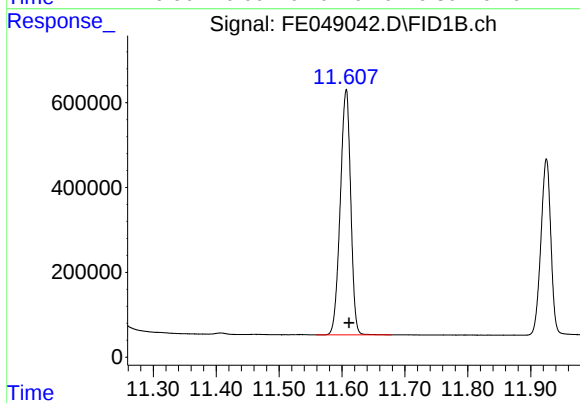
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 6590837
Conc: 43.00 ug/ml



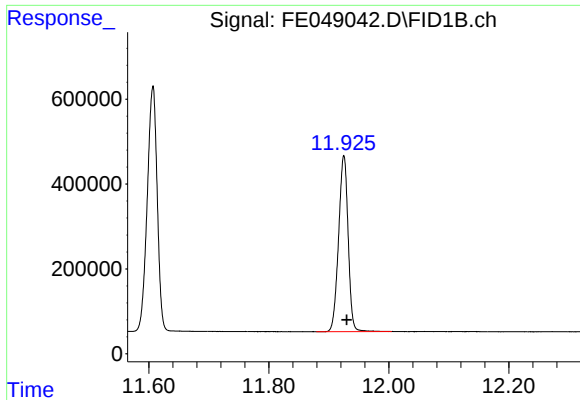
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.005 min
Response: 6720922
Conc: 42.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: -0.004 min
Response: 6664805
Conc: 41.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: -0.005 min
Response: 4576888
Conc: 27.37 ug/ml

Instrument :

FID_E

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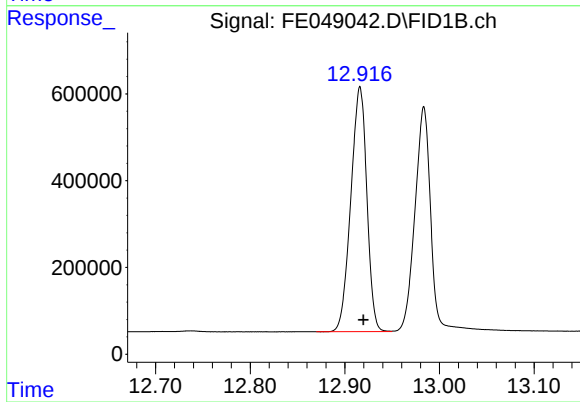
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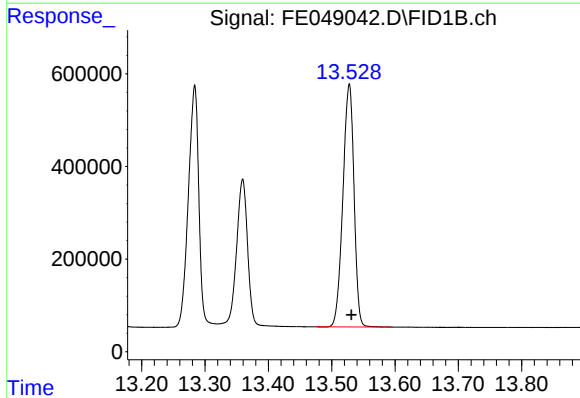
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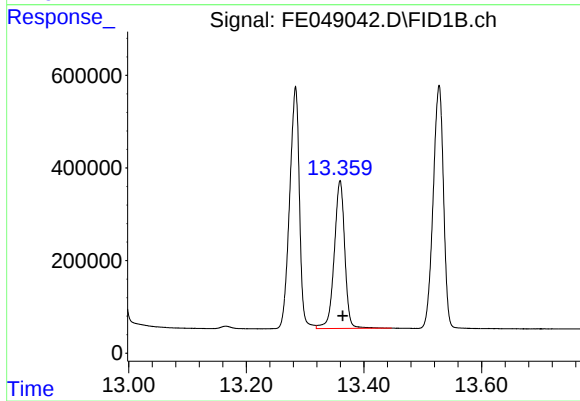
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.003 min
Response: 6638546
Conc: 42.82 ug/ml



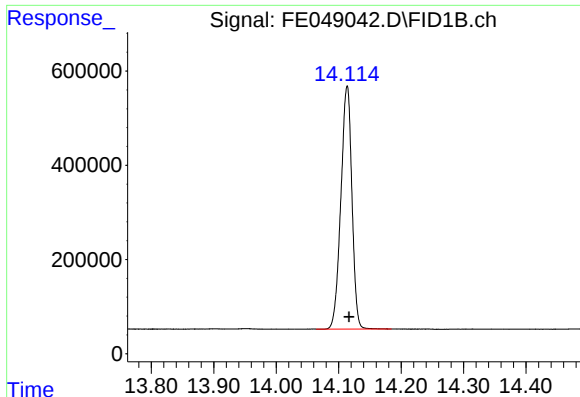
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.003 min
Response: 6395327
Conc: 42.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.004 min
Response: 3959559
Conc: 30.79 ug/ml



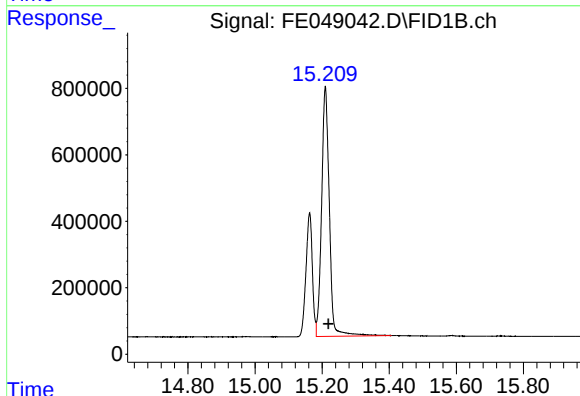
#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: -0.003 min
Response: 6341583
Conc: 41.93 ug/ml

Instrument :
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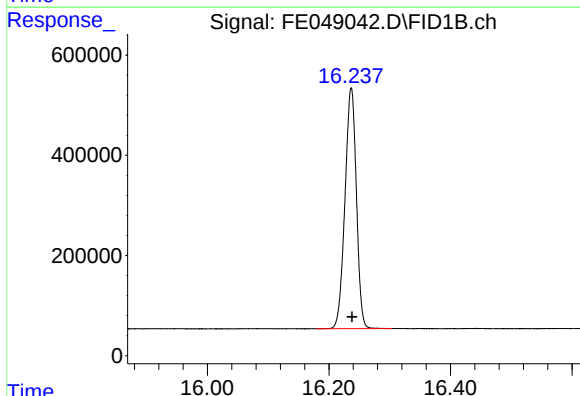
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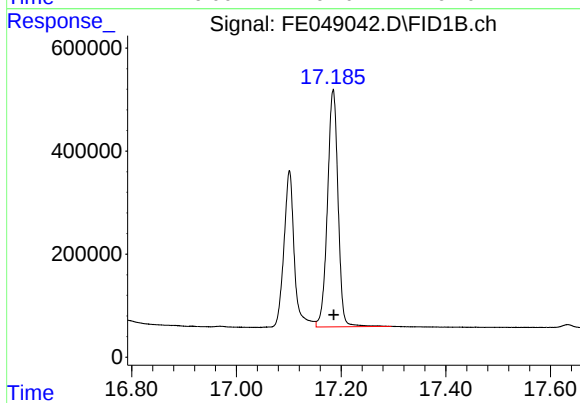
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.009 min
Response: 12016809
Conc: 79.96 ug/ml



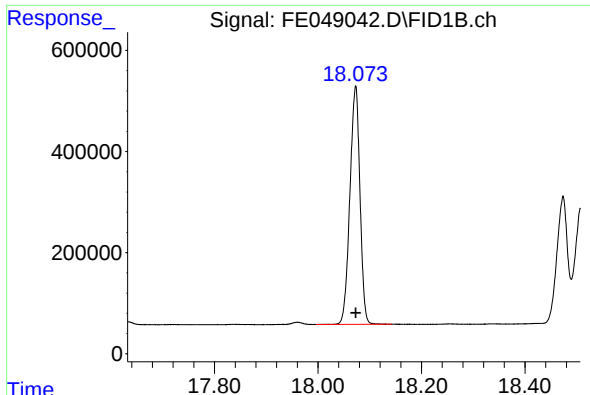
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.001 min
Response: 6257554
Conc: 42.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.001 min
Response: 6451557
Conc: 44.74 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 6364576
Conc: 43.50 ug/ml

Instrument :

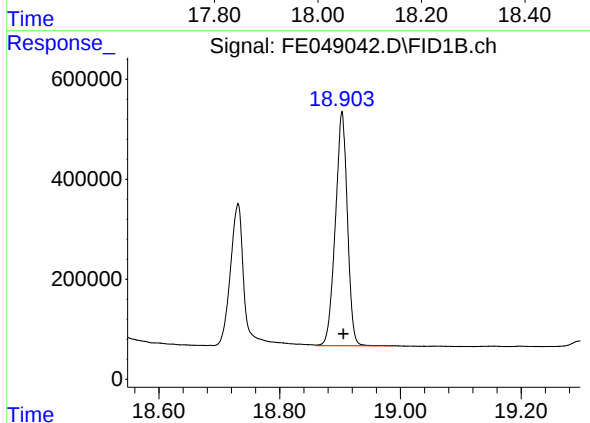
FID_E

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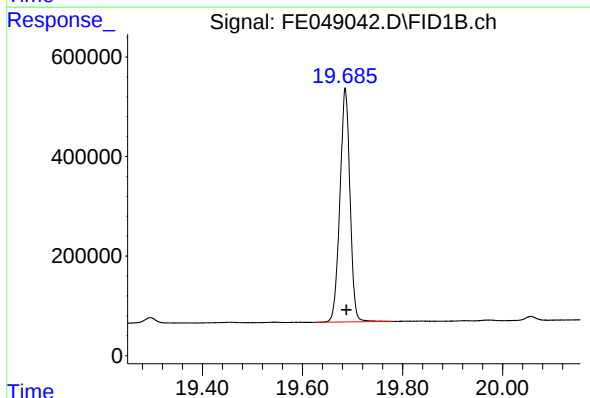
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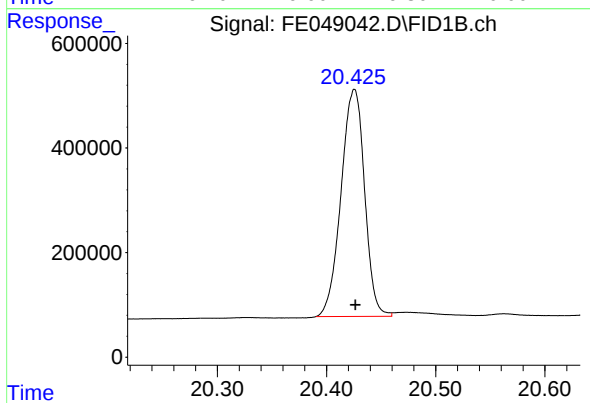
#18 n-Dotriacontane (C32)

R.T.: 18.903 min
Delta R.T.: -0.002 min
Response: 6474890
Conc: 45.29 ug/ml



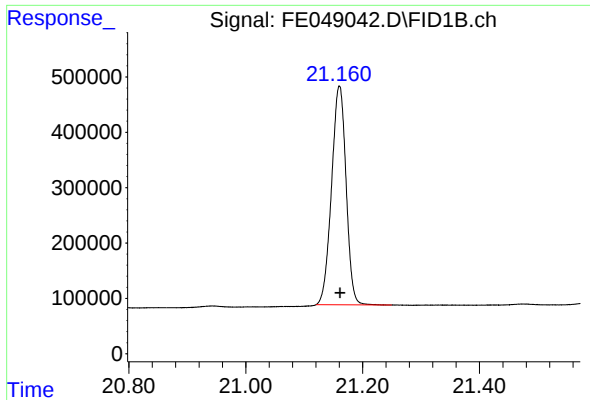
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.003 min
Response: 6562384
Conc: 47.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: 0.000 min
Response: 6510295
Conc: 50.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: 0.000 min
Response: 6820895
Conc: 53.21 ug/ml

Instrument :

FID_E

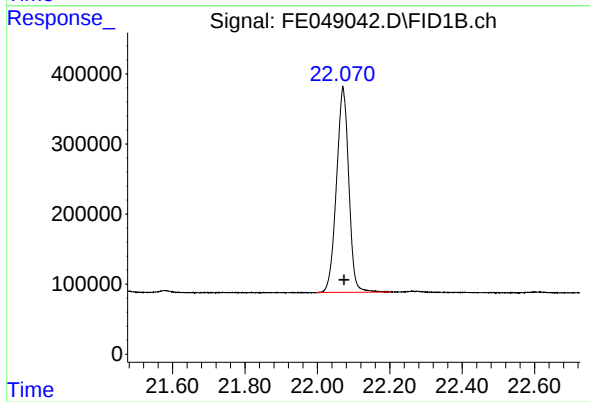
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#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.004 min
Response: 6905732
Conc: 56.39 ug/ml m