

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048329.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 16:47
 Operator : YP\AJ
 Sample : P2564-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-01-05212024MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/23/2024

Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e

Quant Time: May 23 01:36:30 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.958	4029768	27.933 ug/ml
Spiked Amount 50.000		Recovery =	55.87%
12) S 1-chlorooctadecane (S...	13.392	3354128	30.017 ug/ml
Spiked Amount 50.000		Recovery =	60.03%
Target Compounds			
1) T n-Nonane (C9)	3.343	3046230	23.636 ug/ml
2) T n-Decane (C10)	4.594	3461457	26.292 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3828632	27.727 ug/ml
4) T n-Dodecane (C12)	6.758	3571036	26.787 ug/ml
5) T A~2-methylnaphthalene...	7.396	3943115	29.631 ug/ml
6) T n-Tetradecane (C14)	8.588	3954769	29.842 ug/ml
7) T n-Hexadecane (C16)	10.194	4126982	30.007 ug/ml
8) T n-Octadecane (C18)	11.638	4118636	29.567 ug/ml
10) T n-Eicosane (C20)	12.947	4131202	30.682 ug/ml
11) T n-Heneicosane (C21)	13.559	3984289	30.099 ug/ml
13) T n-Docosane (C22)	14.145	3991342	30.119 ug/ml
14) T n-Tetracosane (C24)	15.239	6905738	51.863 ug/ml
15) T n-Hexacosane (C26)	16.267	3997494	29.956 ug/ml
16) T n-Octacosane (C28)	17.217	4235038	31.807 ug/ml
17) T n-Tricontane (C30)	18.104	4382986	31.758 ug/ml
18) T n-Dotriacontane (C32)	18.936	4672802	33.830 ug/mlm
19) T n-Tetratriacontane (C34)	19.719	4553733	33.429 ug/mlm
20) T n-Hexatriacontane (C36)	20.460	4411683	32.583 ug/mlm
21) T n-Octatriacontane (C38)	21.199	4701839	34.055 ug/mlm
22) T n-Tetracontane (C40)	22.125	4957205	35.581 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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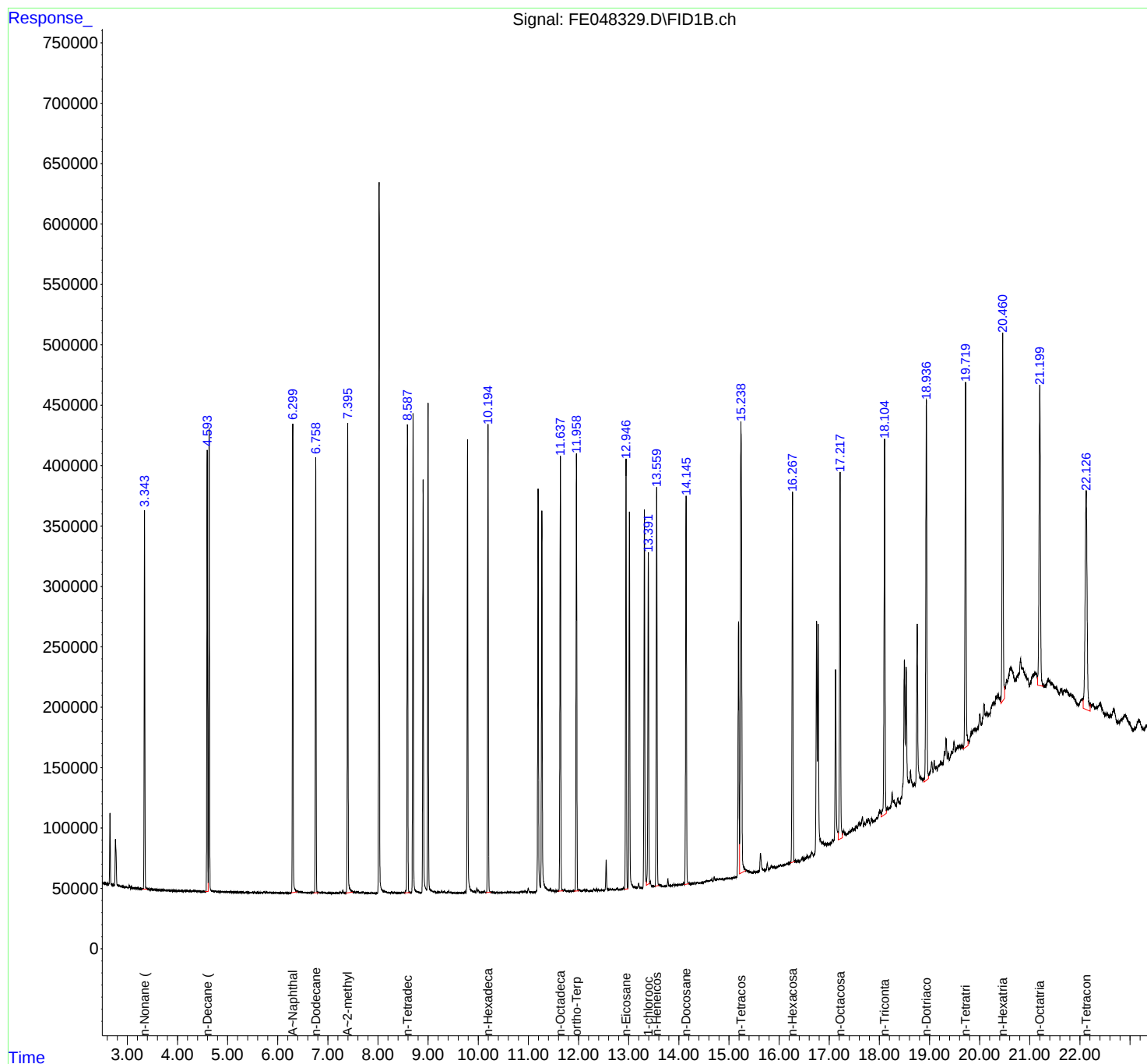
Instrument :
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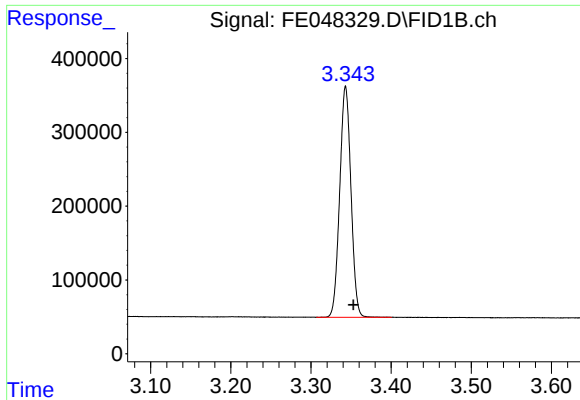
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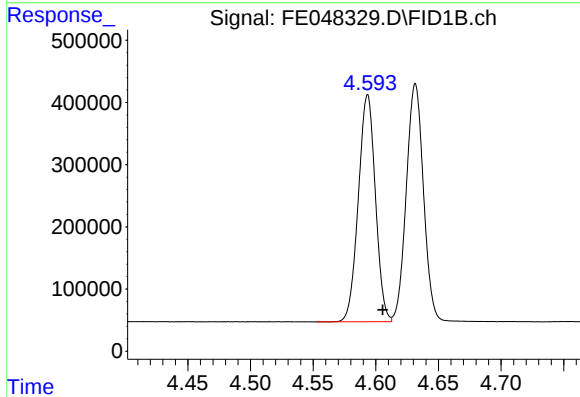
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.010 min
Response: 3046230
Conc: 23.64 ug/ml

Instrument :
FID_E
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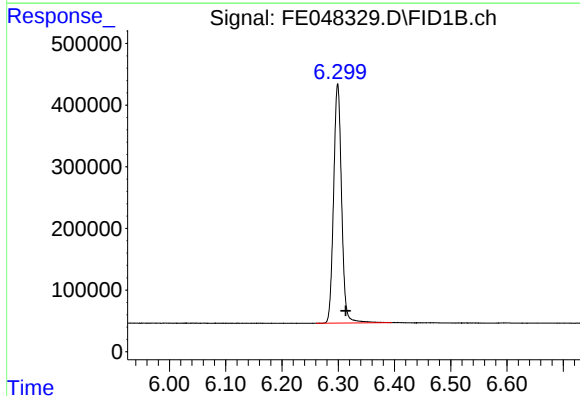
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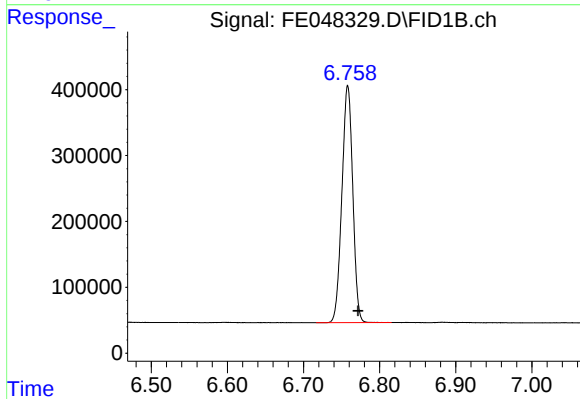
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.012 min
Response: 3461457
Conc: 26.29 ug/ml



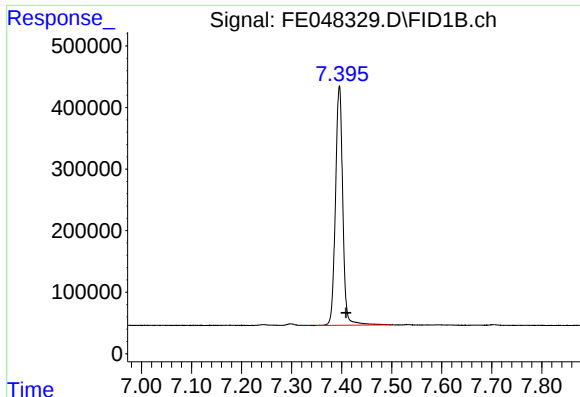
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.014 min
Response: 3828632
Conc: 27.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 3571036
Conc: 26.79 ug/ml



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

R.T.: 7.396 min
Delta R.T.: -0.013 min
Response: 3943115
Conc: 29.63 ug/ml

Instrument :

FID_E

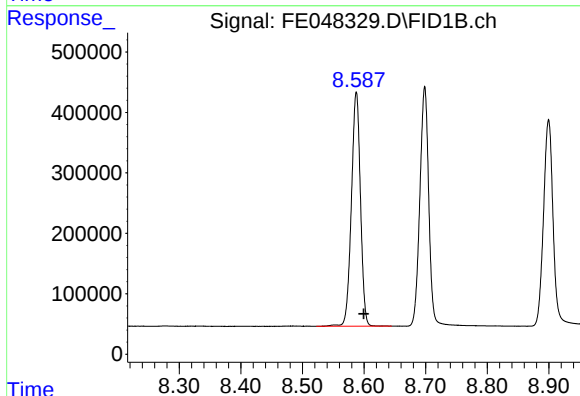
ClientSampleId :

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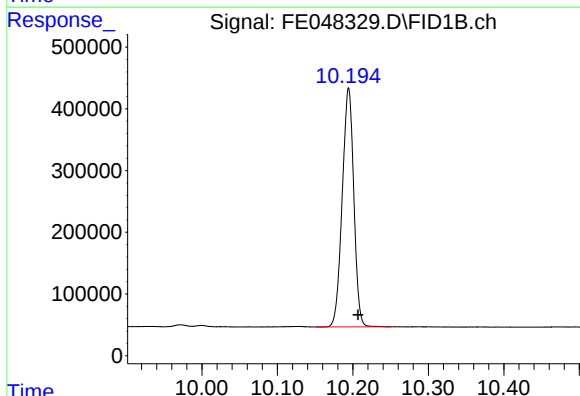
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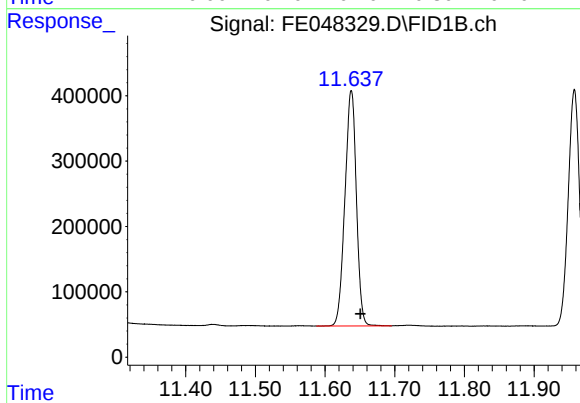
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.012 min
Response: 3954769
Conc: 29.84 ug/ml



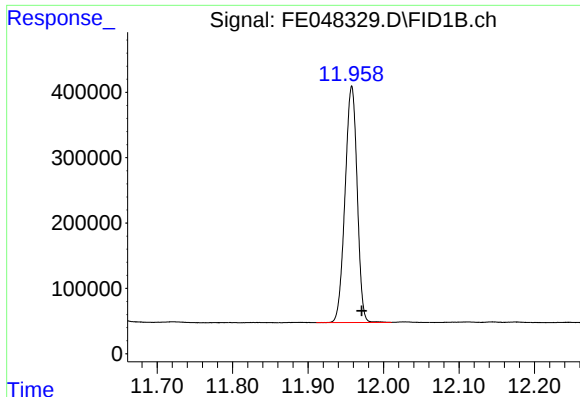
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 4126982
Conc: 30.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.638 min
Delta R.T.: -0.013 min
Response: 4118636
Conc: 29.57 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: -0.013 min
Response: 4029768
Conc: 27.93 ug/ml

Instrument :

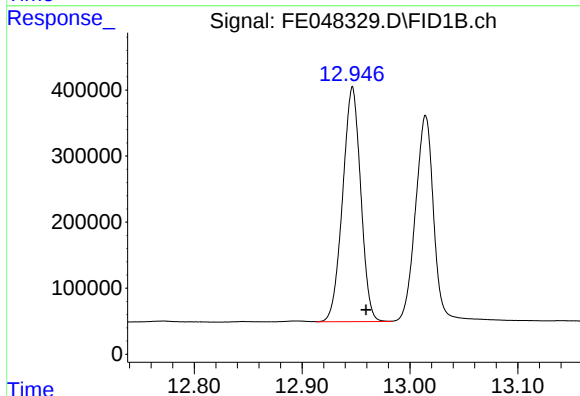
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ClientSampleId :

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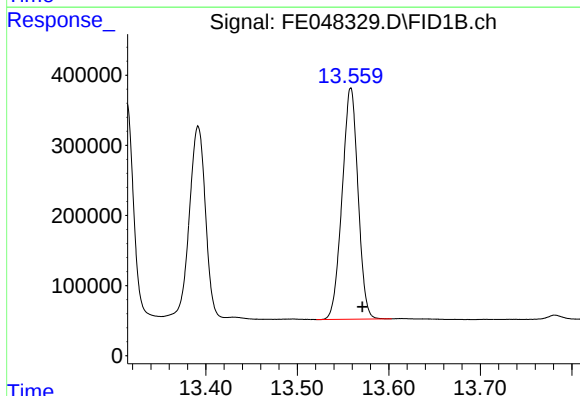
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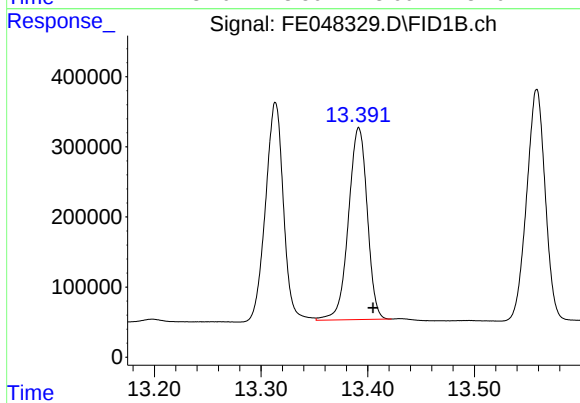
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.013 min
Response: 4131202
Conc: 30.68 ug/ml



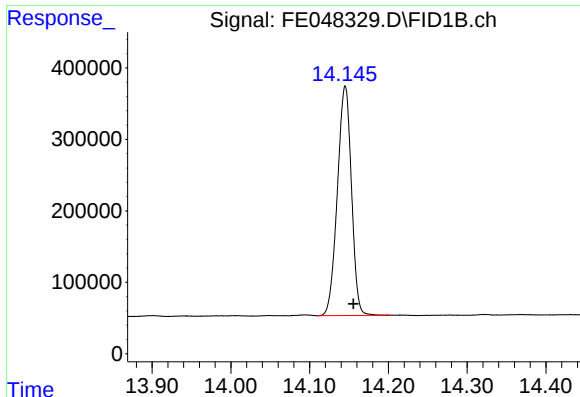
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.013 min
Response: 3984289
Conc: 30.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 3354128
Conc: 30.02 ug/ml



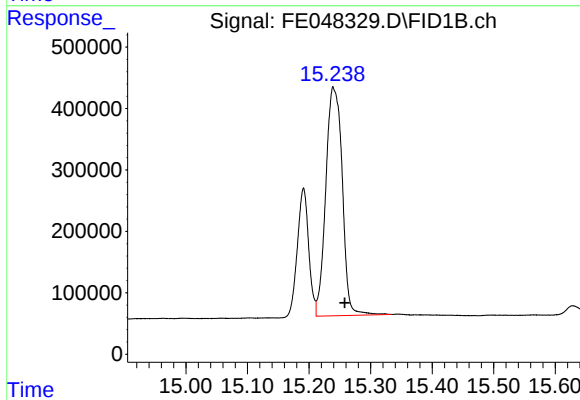
#13 n-Docosane (C22)

R.T.: 14.145 min
Delta R.T.: -0.010 min
Response: 3991342
Conc: 30.12 ug/ml

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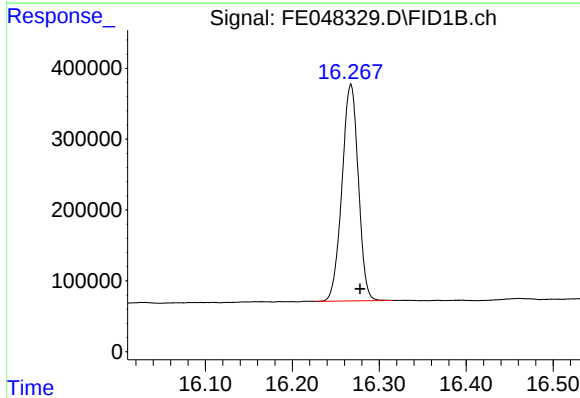
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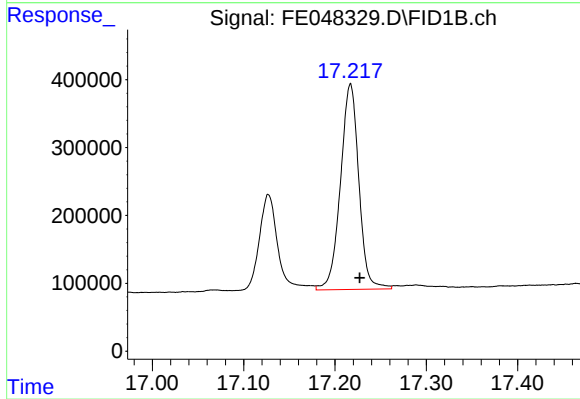
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: -0.019 min
Response: 6905738
Conc: 51.86 ug/ml



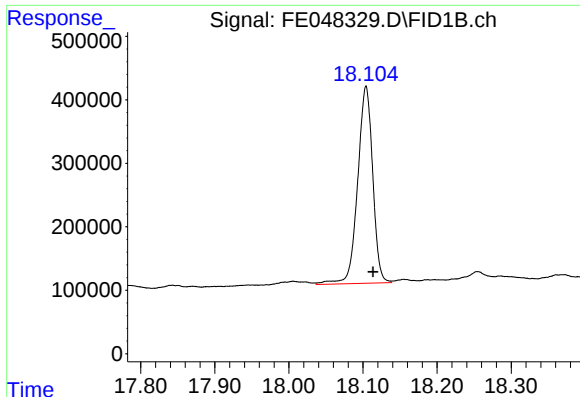
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 3997494
Conc: 29.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.010 min
Response: 4235038
Conc: 31.81 ug/ml



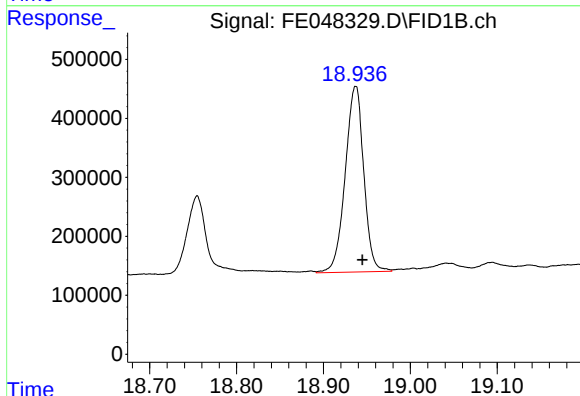
#17 n-Tricontane (C30)

R.T.: 18.104 min
Delta R.T.: -0.009 min
Response: 4382986
Conc: 31.76 ug/ml

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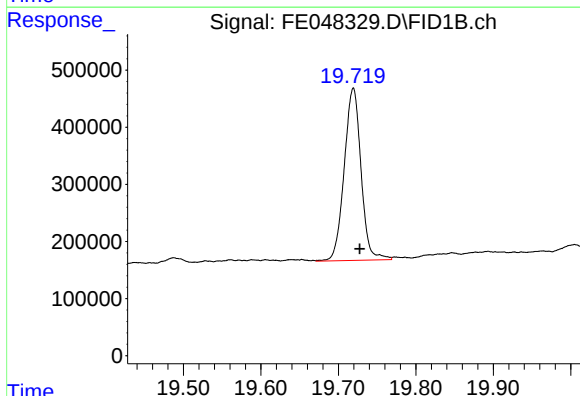
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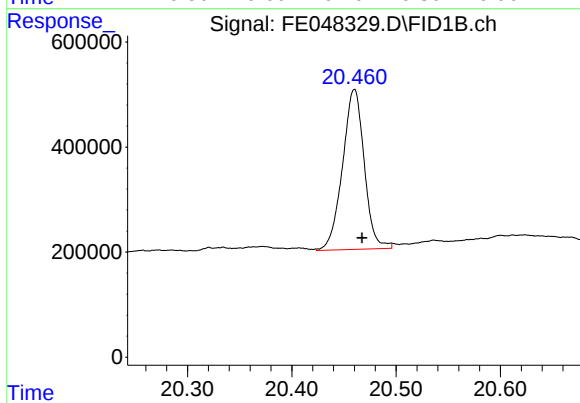
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.009 min
Response: 4672802
Conc: 33.83 ug/ml m



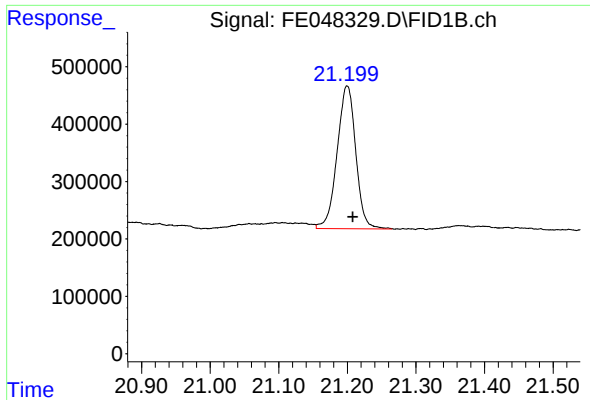
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.008 min
Response: 4553733
Conc: 33.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.007 min
Response: 4411683
Conc: 32.58 ug/ml m



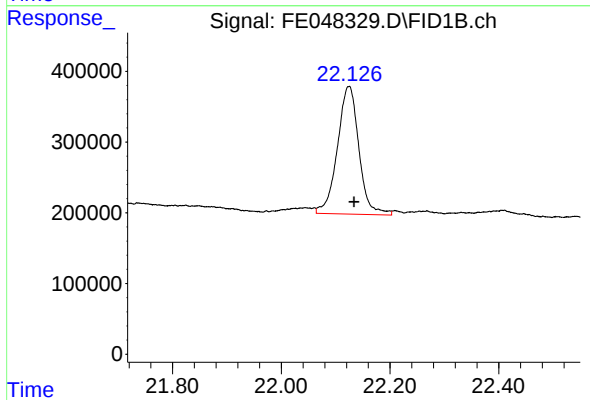
#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.009 min
Response: 4701839
Conc: 34.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: -0.009 min
Response: 4957205
Conc: 35.58 ug/ml