

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122022AL\
 Data File : FE039415.D
 Signal(s) : FID1B.ch
 Acq On : 20 Dec 2022 19:20
 Operator : YP\AJ
 Sample : N6135-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11977MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2022
 Supervised By :Ankita Jodhani 12/21/2022

Integration File: autoint1.e
 Quant Time: Dec 21 03:10:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.934	4968786	33.295 ug/ml
Spiked Amount 50.000		Recovery =	66.59%
12) S 1-chlorooctadecane (S...	13.369	4104472	35.660 ug/ml
Spiked Amount 50.000		Recovery =	71.32%
Target Compounds			
1) T n-Nonane (C9)	3.328	4274054	33.066 ug/ml
2) T n-Decane (C10)	4.579	4869167	38.213 ug/ml
3) T A~Naphthalene (C11.7)	6.281	4532492	31.354 ug/ml
4) T n-Dodecane (C12)	6.742	5588608	43.047 ug/ml
5) T A~2-methylnaphthalene...	7.375	4713621	34.805 ug/ml
6) T n-Tetradecane (C14)	8.570	6397515	48.279 ug/ml
7) T n-Hexadecane (C16)	10.175	7382298	53.661 ug/ml
8) T n-Octadecane (C18)	11.617	7988972	57.039 ug/ml
10) T n-Eicosane (C20)	12.927	8062148	59.060 ug/ml
11) T n-Heneicosane (C21)	13.539	7910390	57.998 ug/ml
13) T n-Docosane (C22)	14.125	8314197	61.461 ug/ml
14) T n-Tetracosane (C24)	15.224	4901560	36.513 ug/mlm
15) T n-Hexacosane (C26)	16.249	7863748	60.393 ug/ml
16) T n-Octacosane (C28)	17.198	8133657	63.198 ug/ml
17) T n-Tricontane (C30)	18.086	7369471	57.239 ug/ml
18) T n-Dotriacontane (C32)	18.917	7272070	56.155 ug/ml
19) T n-Tetratriacontane (C34)	19.701	6758978	53.574 ug/ml
20) T n-Hexatriacontane (C36)	20.440	5730308	47.390 ug/ml
21) T n-Octatriacontane (C38)	21.179	5190232	42.027 ug/ml
22) T n-Tetracontane (C40)	22.087	4822933	38.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N6135-01MS
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ALS Vial : 16 Sample Multiplier: 1

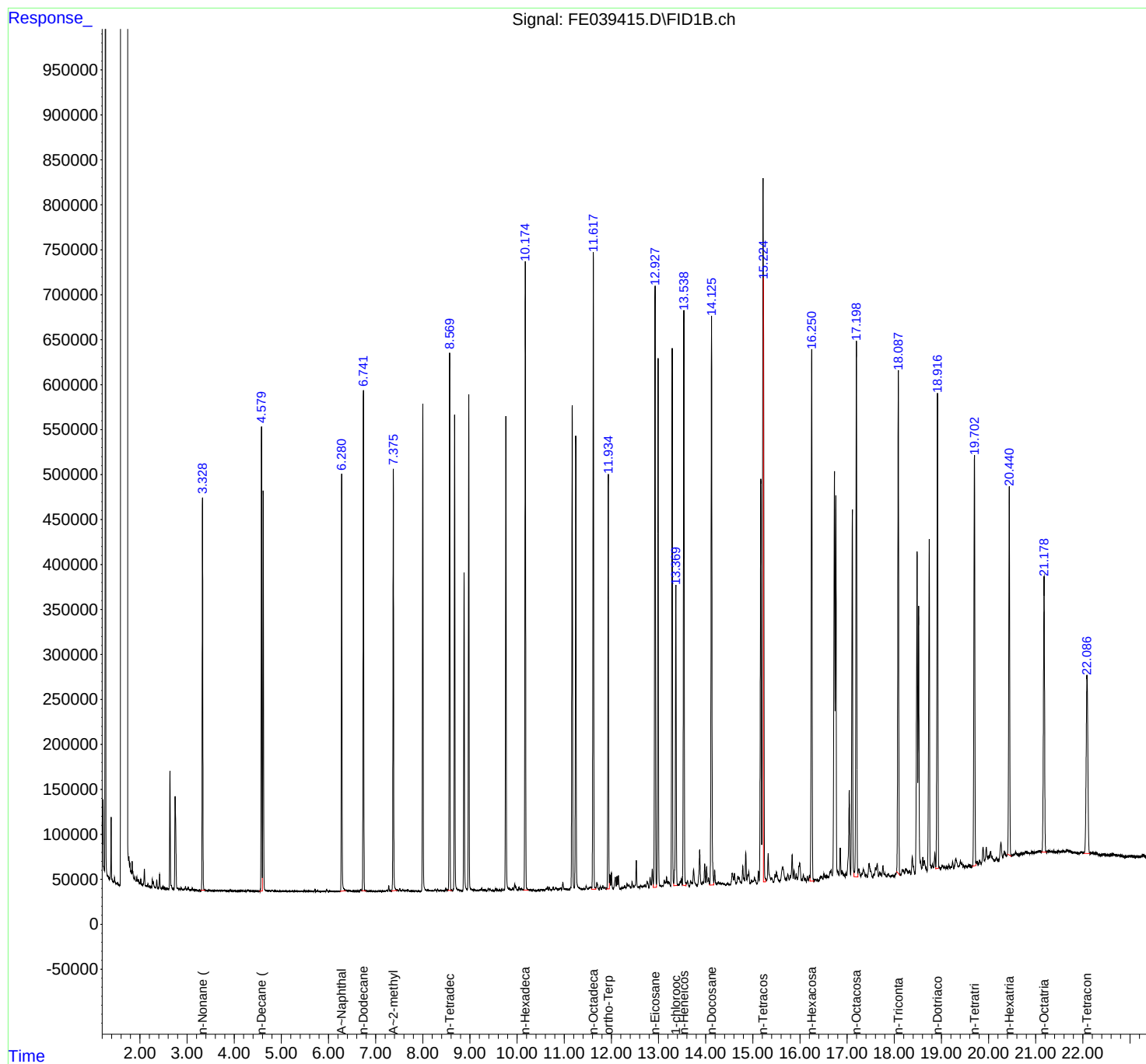
Instrument :
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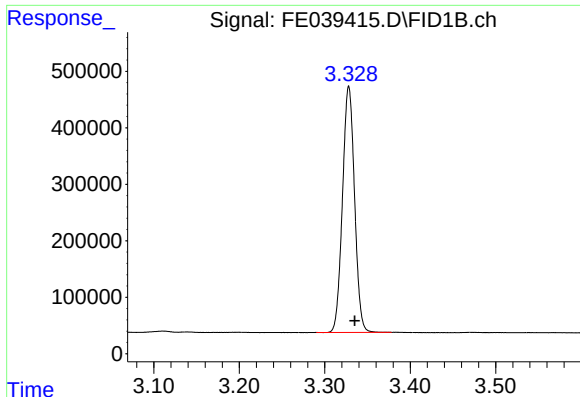
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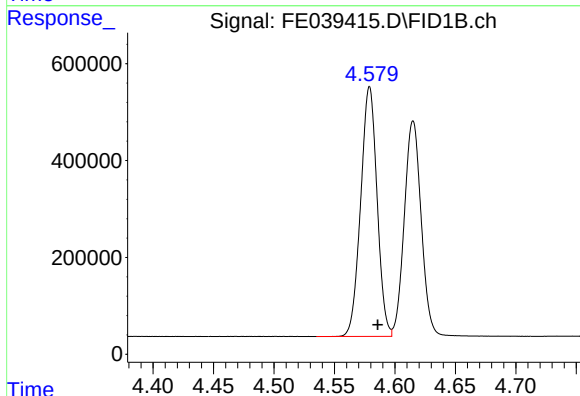
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 4274054
Conc: 33.07 ug/ml

Instrument :
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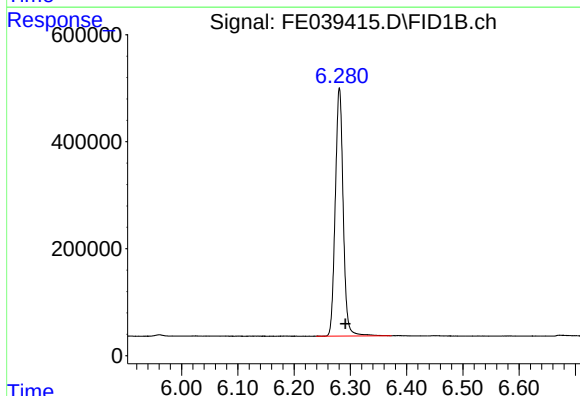
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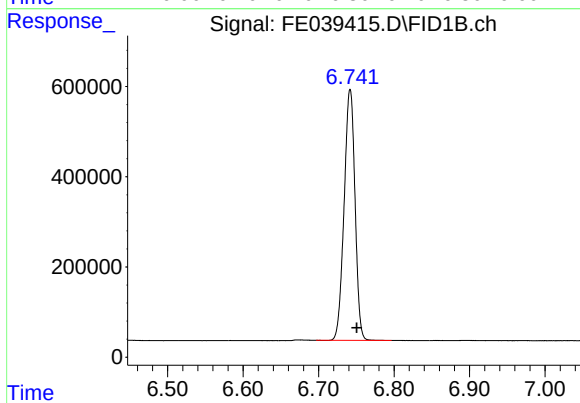
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.007 min
Response: 4869167
Conc: 38.21 ug/ml



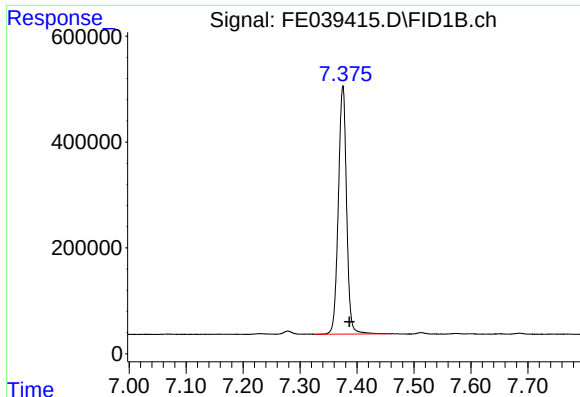
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.010 min
Response: 4532492
Conc: 31.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.009 min
Response: 5588608
Conc: 43.05 ug/ml



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

R.T.: 7.375 min
Delta R.T.: -0.012 min
Response: 4713621
Conc: 34.80 ug/ml

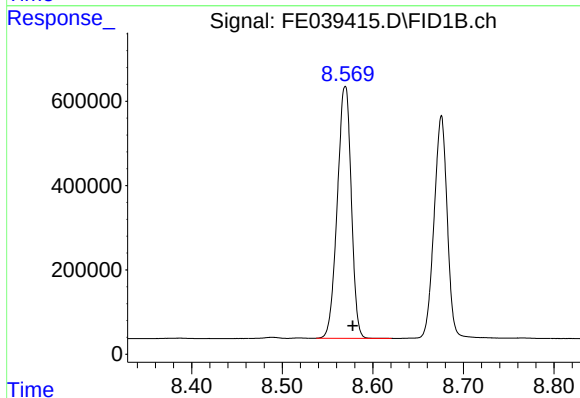
Instrument :

FID_E

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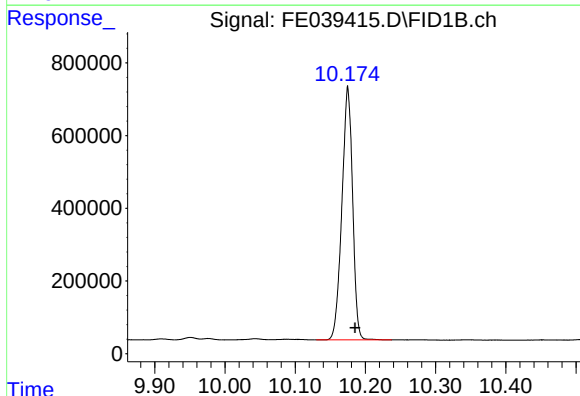
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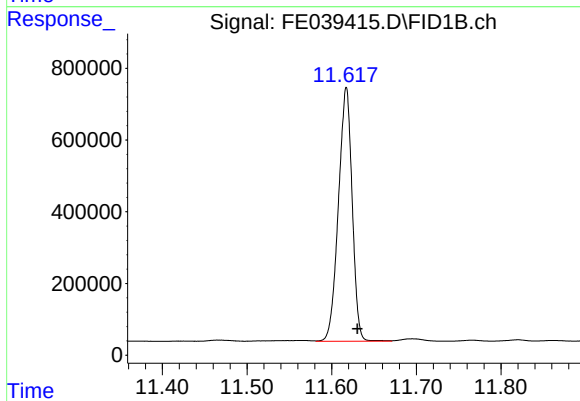
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.008 min
Response: 6397515
Conc: 48.28 ug/ml



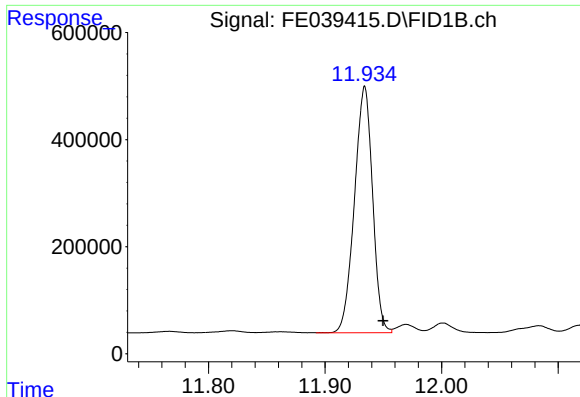
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.010 min
Response: 7382298
Conc: 53.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.617 min
Delta R.T.: -0.013 min
Response: 7988972
Conc: 57.04 ug/ml



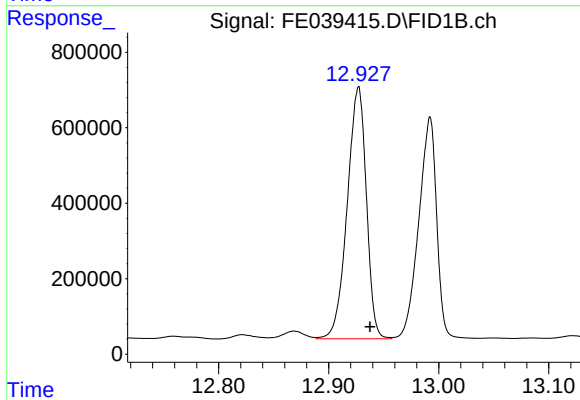
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.016 min
Response: 4968786
Conc: 33.30 ug/ml

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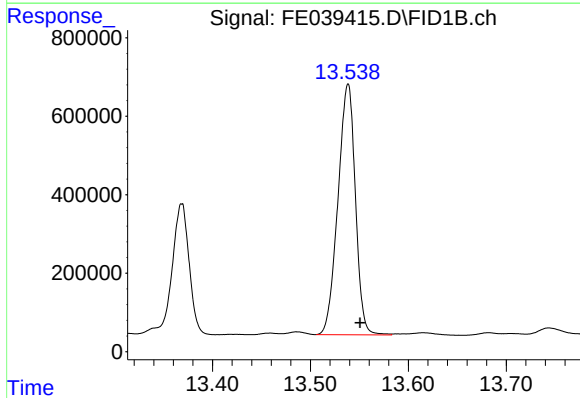
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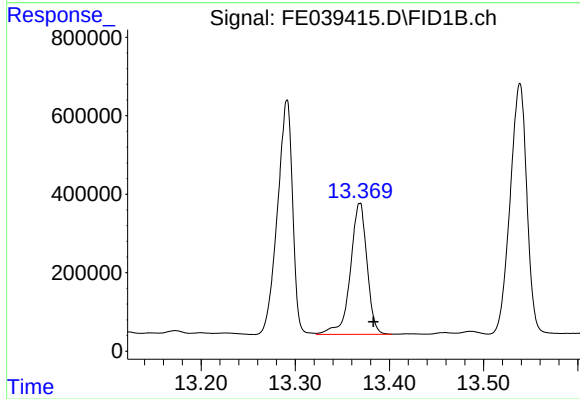
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.011 min
Response: 8062148
Conc: 59.06 ug/ml



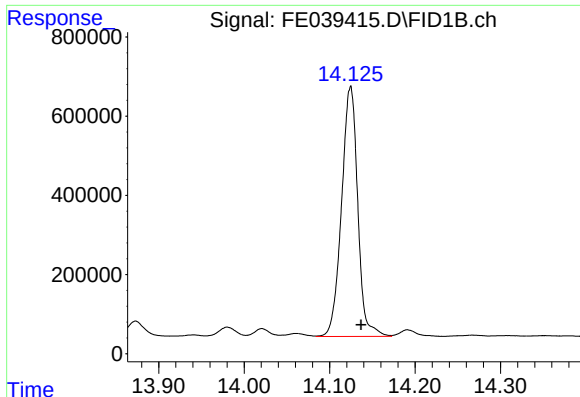
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.012 min
Response: 7910390
Conc: 58.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.014 min
Response: 4104472
Conc: 35.66 ug/ml



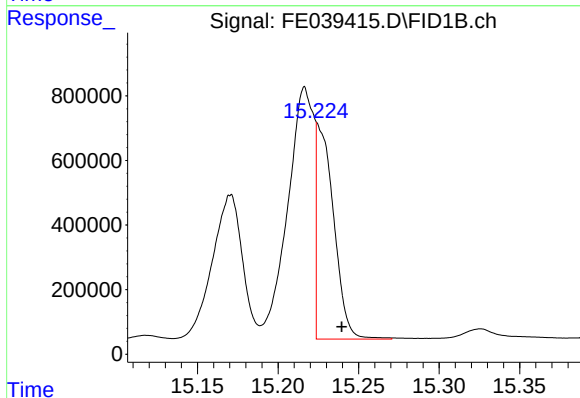
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.013 min
Response: 8314197
Conc: 61.46 ug/ml

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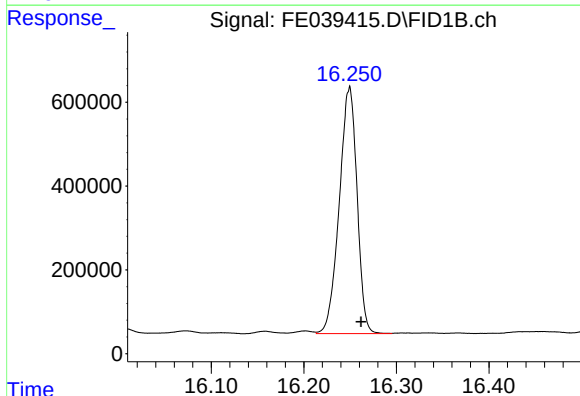
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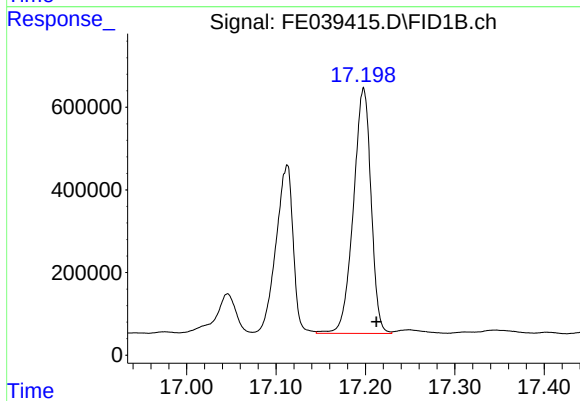
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.016 min
Response: 4901560
Conc: 36.51 ug/ml m



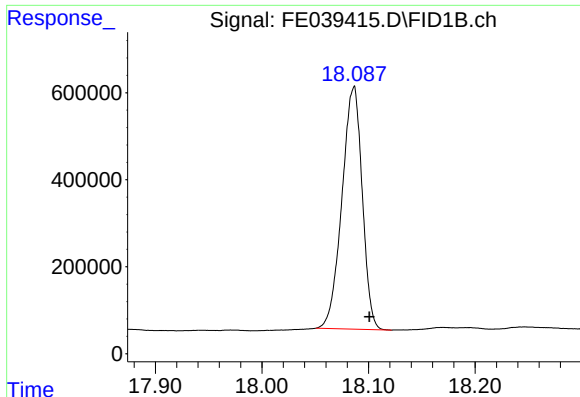
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 7863748
Conc: 60.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.014 min
Response: 8133657
Conc: 63.20 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.015 min
Response: 7369471
Conc: 57.24 ug/ml

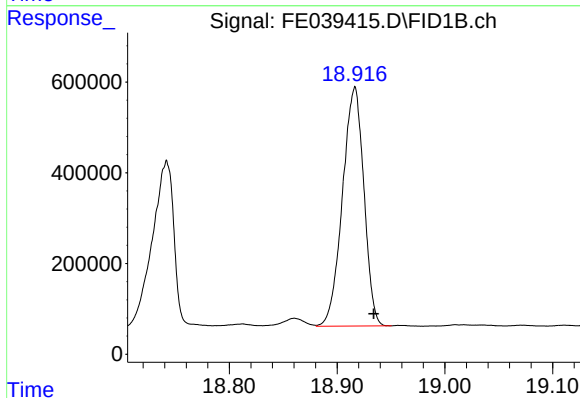
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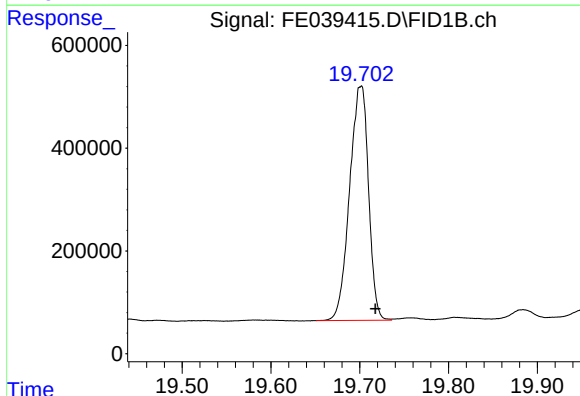
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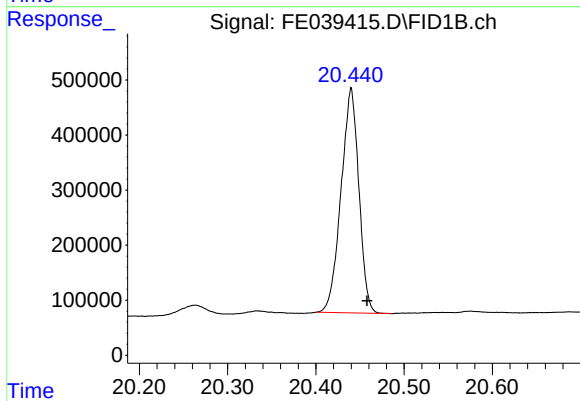
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 7272070
Conc: 56.15 ug/ml



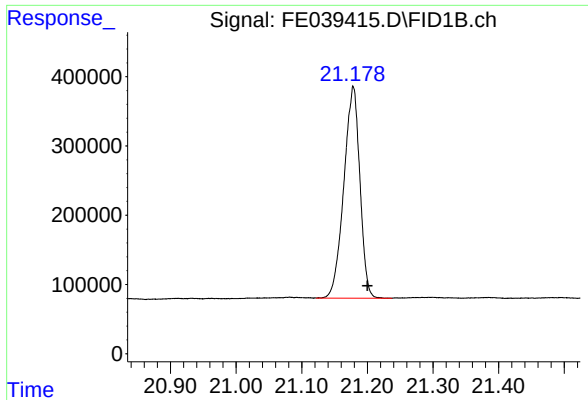
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.017 min
Response: 6758978
Conc: 53.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.018 min
Response: 5730308
Conc: 47.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.021 min
Response: 5190232
Conc: 42.03 ug/ml

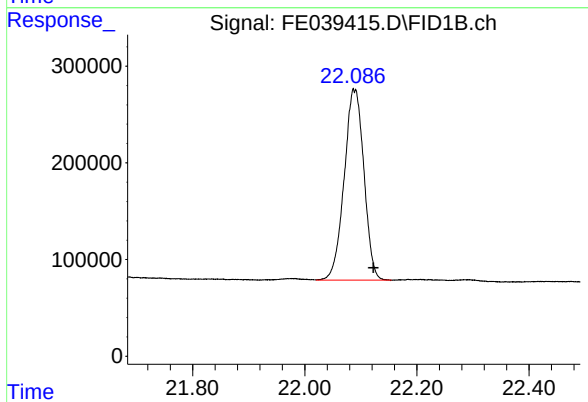
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#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: -0.035 min
Response: 4822933
Conc: 38.40 ug/ml