

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039171.D
 Signal(s) : FID1B.ch
 Acq On : 07 Dec 2022 01:07
 Operator : YP\AJ
 Sample : N5884-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-3-120522MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 07 04:28:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.945	5746110	36.731 ug/ml
Spiked Amount 50.000		Recovery =	73.46%
12) S 1-chlorooctadecane (S...	13.380	3027478	25.074 ug/mlm
Spiked Amount 50.000		Recovery =	50.15%
Target Compounds			
1) T n-Nonane (C9)	3.339	3278628	23.130 ug/ml
2) T n-Decane (C10)	4.589	3782855	27.141 ug/ml
3) T A~Naphthalene (C11.7)	6.291	4734636	29.768 ug/ml
4) T n-Dodecane (C12)	6.752	5294589	37.561 ug/ml
5) T A~2-methylnaphthalene...	7.386	5195983	34.717 ug/ml
6) T n-Tetradecane (C14)	8.580	6854182	47.991 ug/ml
7) T n-Hexadecane (C16)	10.186	7538539	51.559 ug/ml
8) T n-Octadecane (C18)	11.628	7363348	50.040 ug/ml
10) T n-Eicosane (C20)	12.936	6705492	47.234 ug/ml
11) T n-Heneicosane (C21)	13.547	6478580	45.592 ug/ml
13) T n-Docosane (C22)	14.133	6232031	44.582 ug/ml
14) T n-Tetracosane (C24)	15.228	4752702	34.414 ug/mlm
15) T n-Hexacosane (C26)	16.255	5703525	42.464 ug/ml
16) T n-Octacosane (C28)	17.205	5618621	42.309 ug/ml
17) T n-Tricontane (C30)	18.094	5258574	39.819 ug/ml
18) T n-Dotriacontane (C32)	18.925	5180795	38.846 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5124544	38.727 ug/mlm
20) T n-Hexatriacontane (C36)	20.450	4696789	36.559 ug/mlm
21) T n-Octatriacontane (C38)	21.189	4752634	36.270 ug/ml
22) T n-Tetracontane (C40)	22.108	4692293	34.460 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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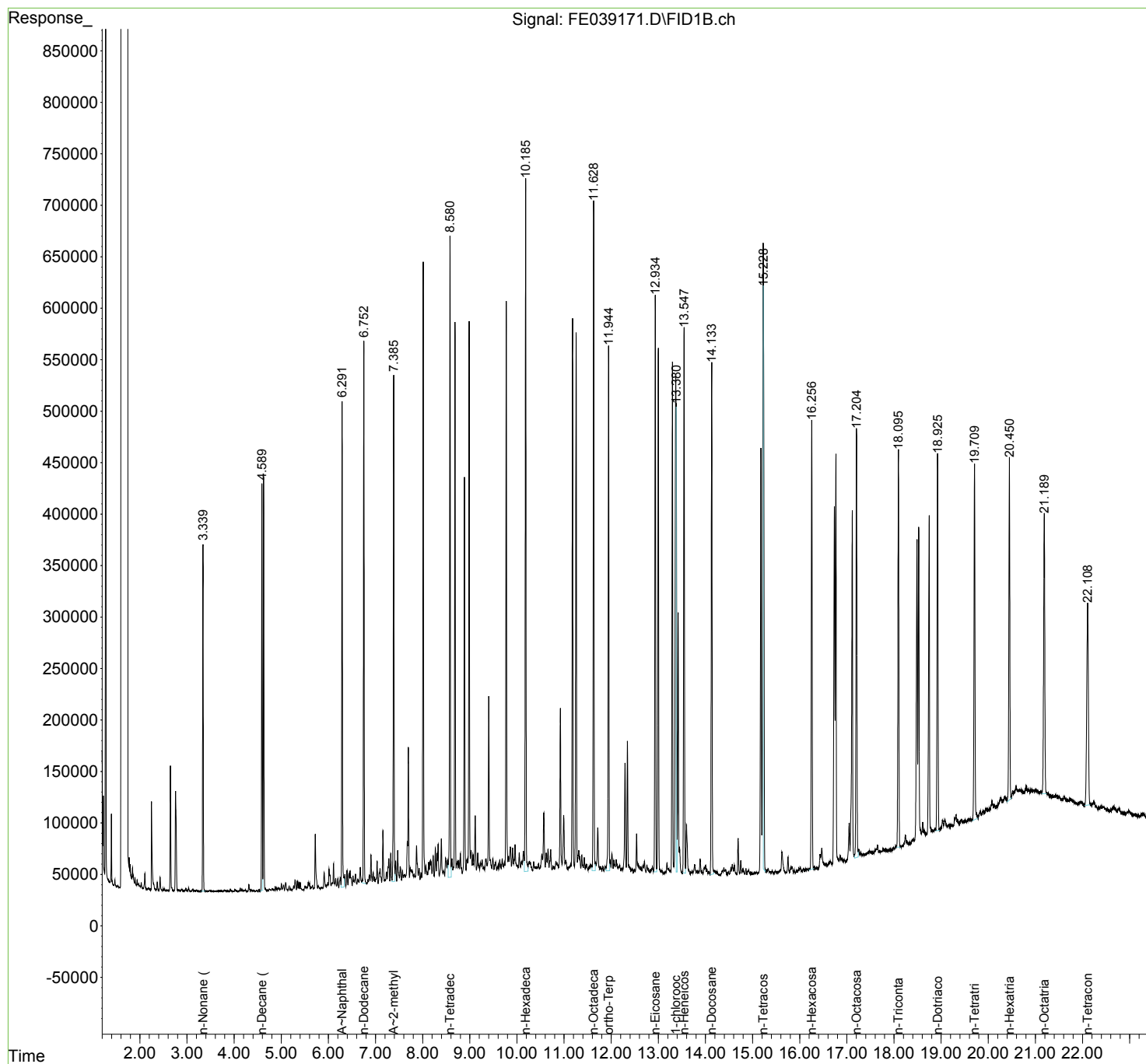
Instrument :
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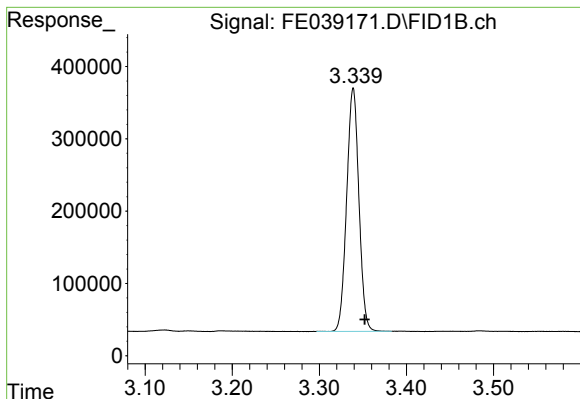
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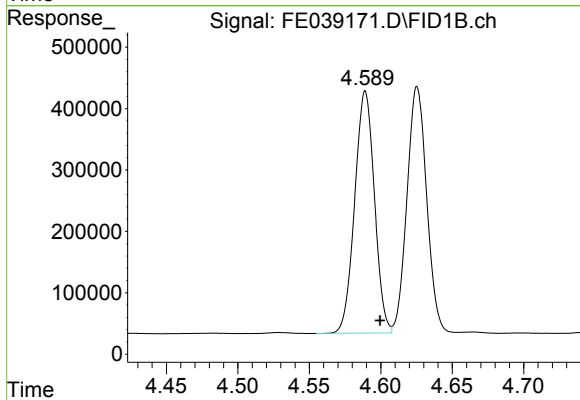
#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: -0.013 min
Response: 3278628
Conc: 23.13 ug/ml

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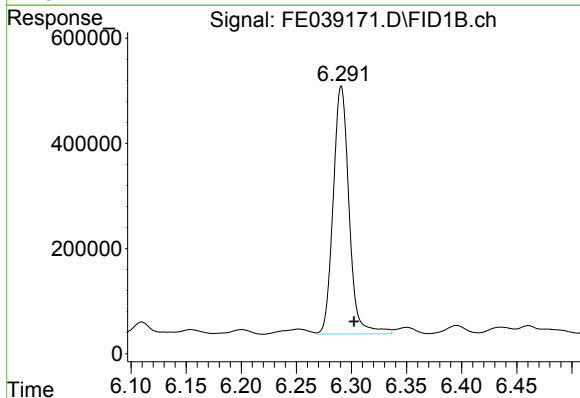
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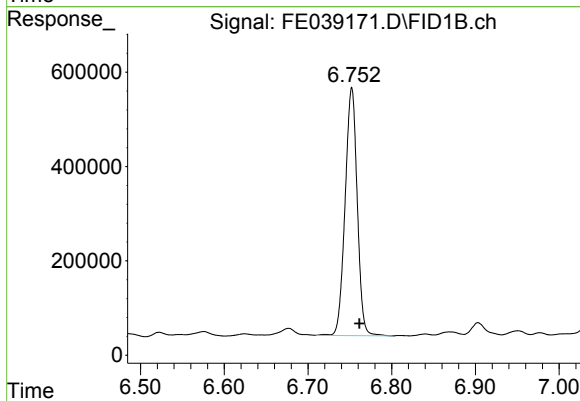
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.010 min
Response: 3782855
Conc: 27.14 ug/ml



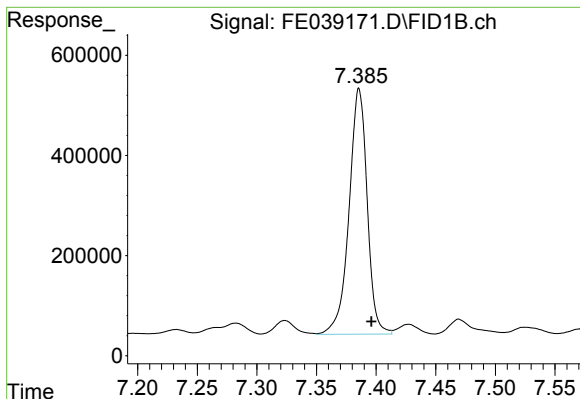
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.012 min
Response: 4734636
Conc: 29.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: -0.009 min
Response: 5294589
Conc: 37.56 ug/ml



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

R.T.: 7.386 min
Delta R.T.: -0.010 min
Response: 5195983
Conc: 34.72 ug/ml

Instrument :

FID_E

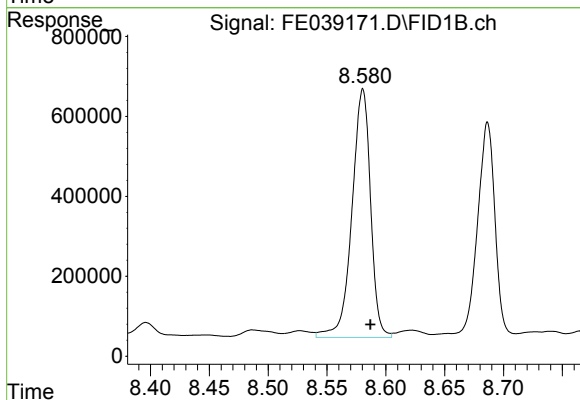
ClientSampleId :

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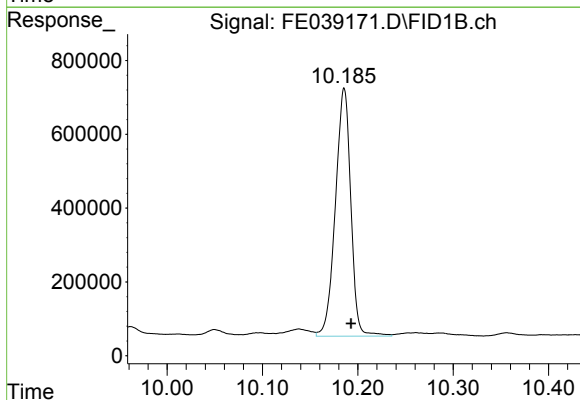
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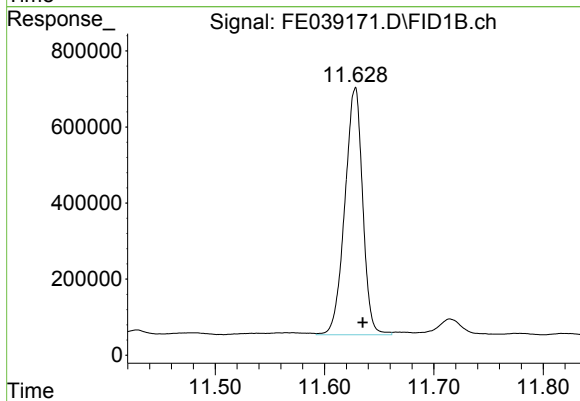
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.007 min
Response: 6854182
Conc: 47.99 ug/ml



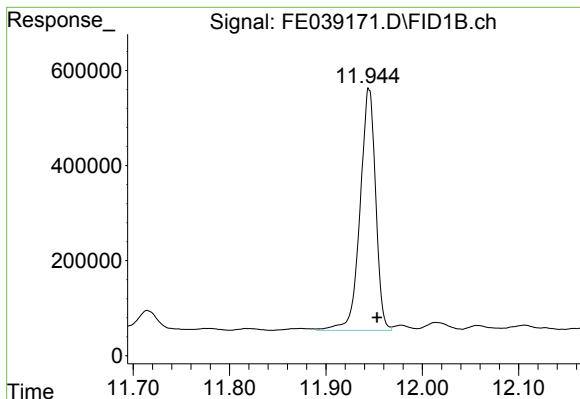
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.007 min
Response: 7538539
Conc: 51.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.007 min
Response: 7363348
Conc: 50.04 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.008 min
Response: 5746110
Conc: 36.73 ug/ml

Instrument :

FID_E

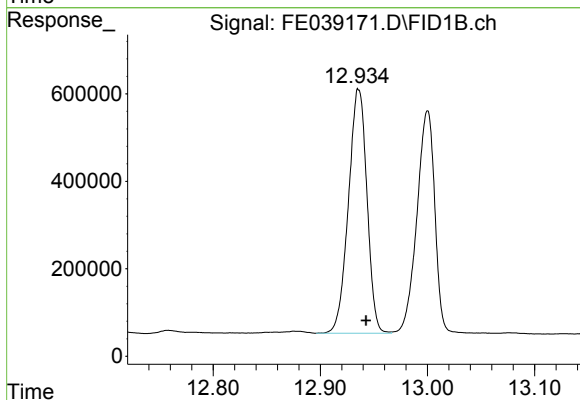
ClientSampleId :

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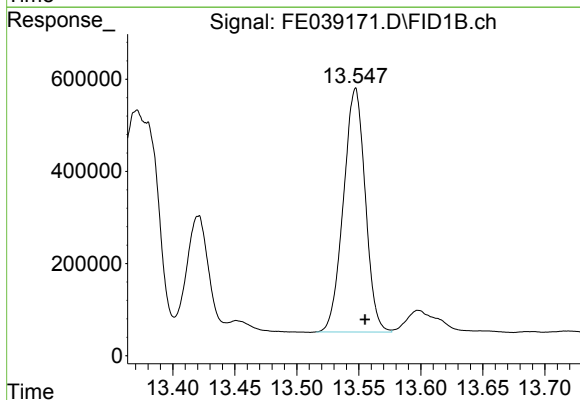
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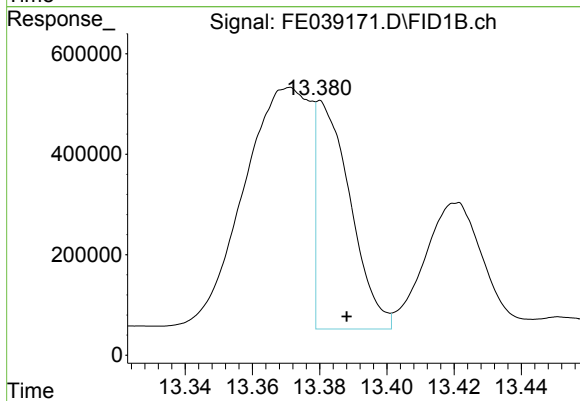
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.007 min
Response: 6705492
Conc: 47.23 ug/ml



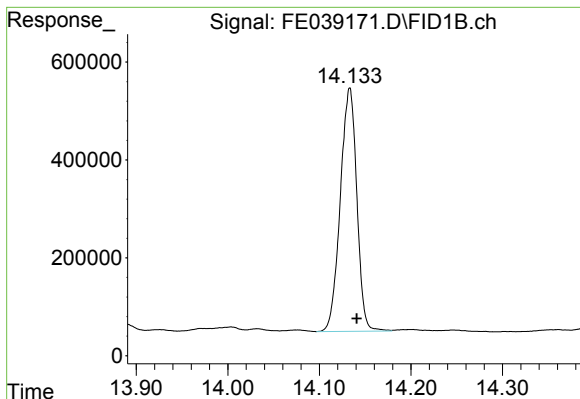
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.008 min
Response: 6478580
Conc: 45.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: -0.008 min
Response: 3027478
Conc: 25.07 ug/ml m



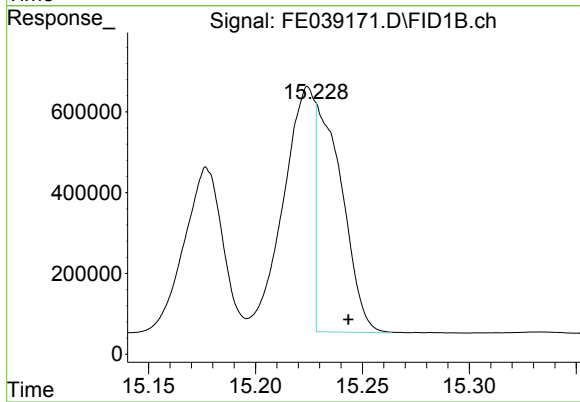
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.008 min
Response: 6232031
Conc: 44.58 ug/ml

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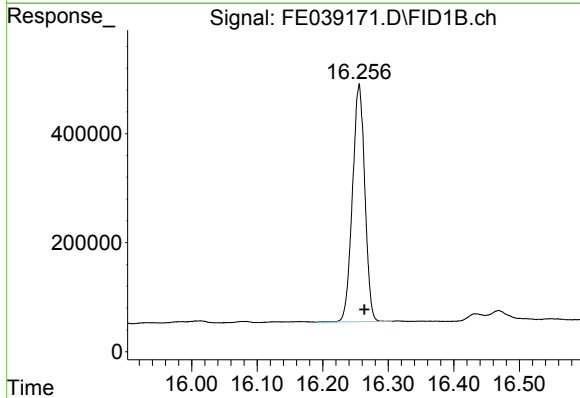
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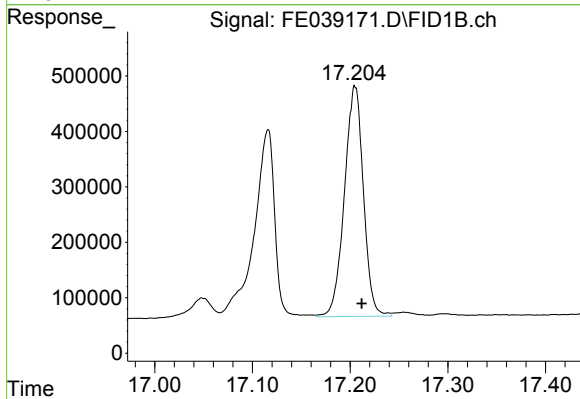
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.015 min
Response: 4752702
Conc: 34.41 ug/ml m



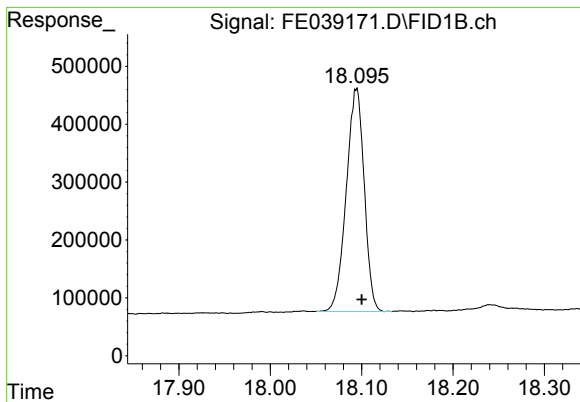
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.008 min
Response: 5703525
Conc: 42.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.007 min
Response: 5618621
Conc: 42.31 ug/ml



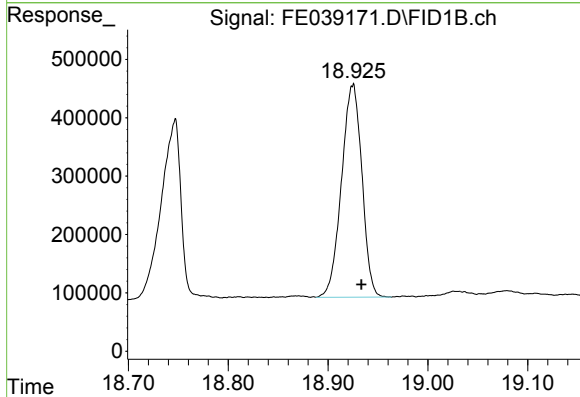
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.006 min
Response: 5258574
Conc: 39.82 ug/ml

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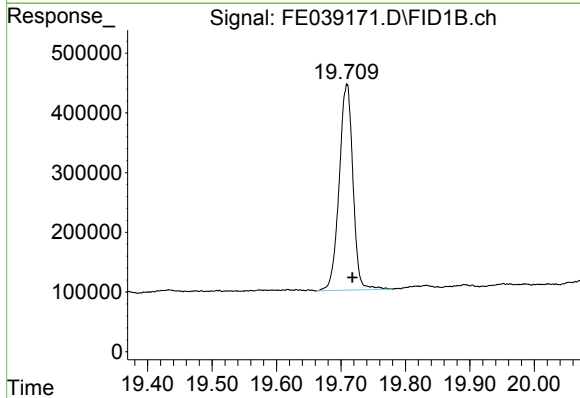
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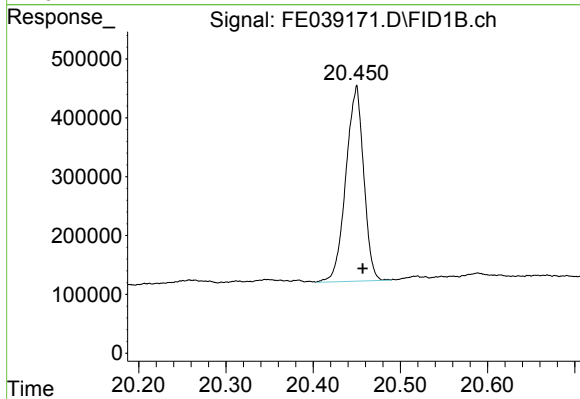
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.009 min
Response: 5180795
Conc: 38.85 ug/ml



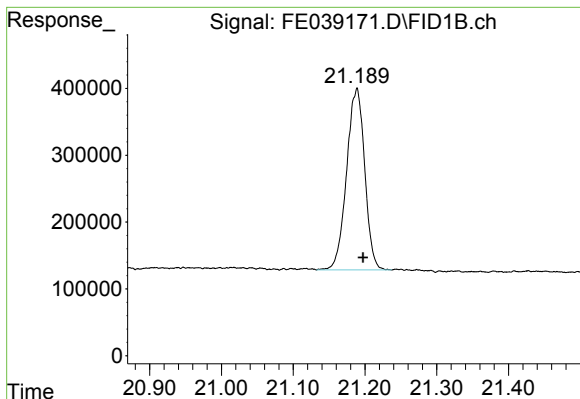
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.009 min
Response: 5124544
Conc: 38.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.007 min
Response: 4696789
Conc: 36.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.008 min
Response: 4752634
Conc: 36.27 ug/ml

Instrument :

FID_E

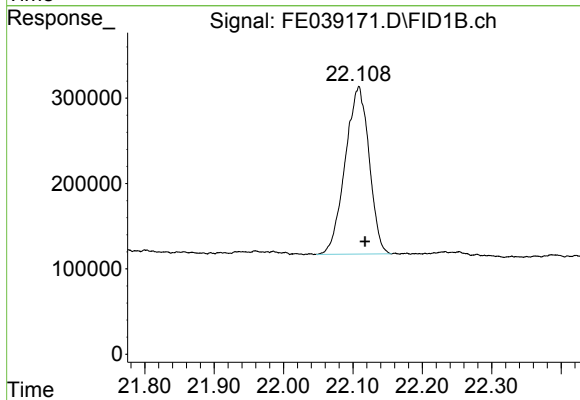
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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.009 min
Response: 4692293
Conc: 34.46 ug/ml