

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052389.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 13:37
 Operator : YP\AJ
 Sample : PB166728BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166728BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e
 Quant Time: Feb 14 21:58:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.918	6828263	36.528 ug/ml
Spiked Amount 50.000		Recovery =	73.06%
12) S 1-chlorooctadecane (S...	13.364	5411301	38.931 ug/mlm
Spiked Amount 50.000		Recovery =	77.86%
Target Compounds			
1) T n-Nonane (C9)	3.263	5633844	36.702 ug/ml
2) T n-Decane (C10)	4.521	5871990	37.596 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6795265	39.331 ug/ml
4) T n-Dodecane (C12)	6.699	5976241	37.862 ug/ml
5) T A~2-methylnaphthalene...	7.331	6268964	37.327 ug/ml
6) T n-Tetradecane (C14)	8.537	6090888	38.669 ug/ml
7) T n-Hexadecane (C16)	10.152	6082131	37.214 ug/ml
8) T n-Octadecane (C18)	11.602	6075736	36.720 ug/ml
10) T n-Eicosane (C20)	12.918	6219063	39.010 ug/ml
11) T n-Heneicosane (C21)	13.532	5939410	37.910 ug/ml
13) T n-Docosane (C22)	14.121	5890057	37.637 ug/ml
14) T n-Tetracosane (C24)	15.204	12316929	78.317 ug/mlm
15) T n-Hexacosane (C26)	16.253	5676065	36.646 ug/ml
16) T n-Octacosane (C28)	17.204	5641444	36.881 ug/ml
17) T n-Tricontane (C30)	18.097	5586841	35.791 ug/ml
18) T n-Dotriacontane (C32)	18.929	5469771	35.746 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5351412	37.617 ug/ml
20) T n-Hexatriacontane (C36)	20.457	5016845	40.252 ug/ml
21) T n-Octatriacontane (C38)	21.199	4843581	44.314 ug/mlm
22) T n-Tetracontane (C40)	22.124	4731246	47.035 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166728BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

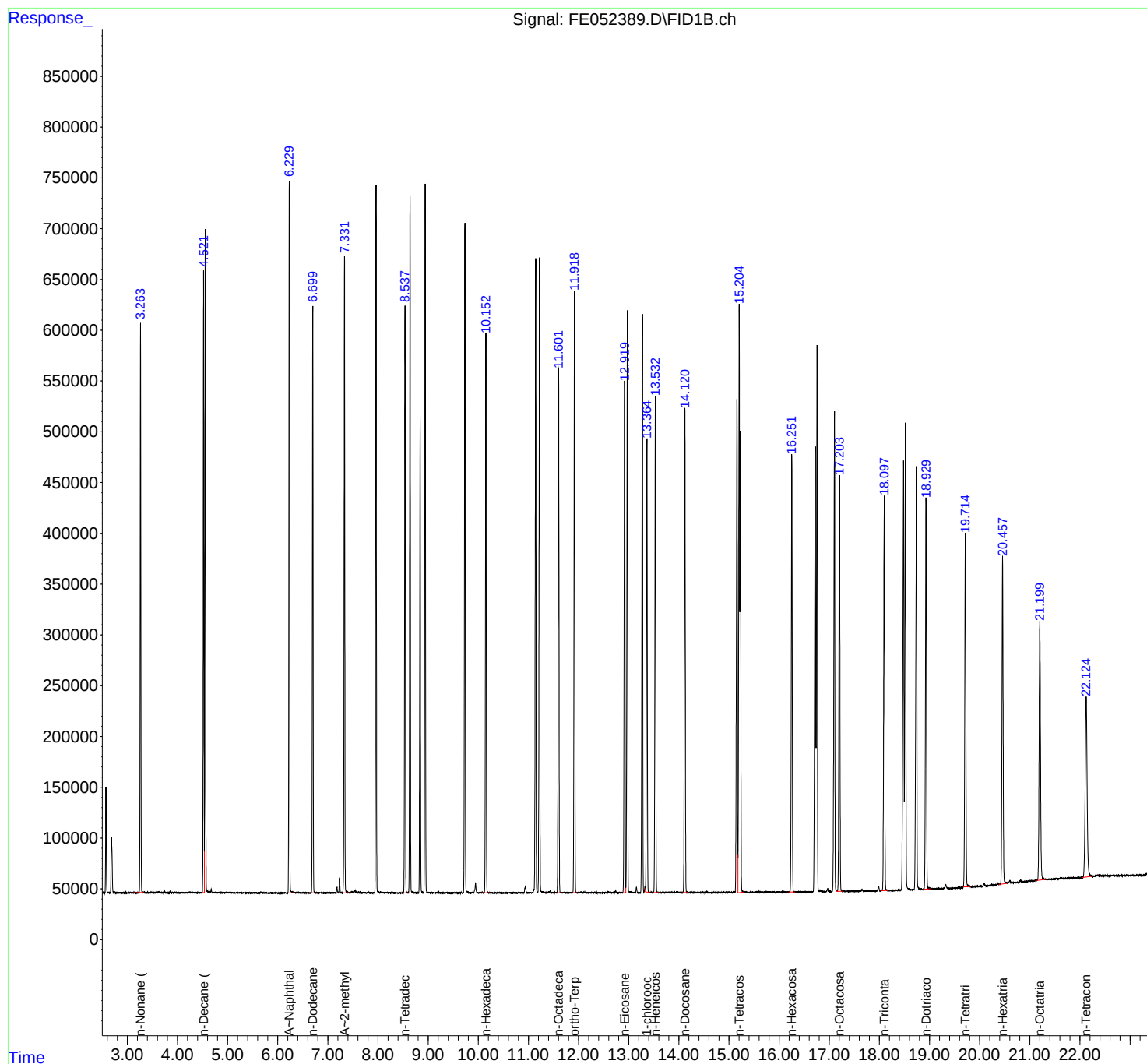
Instrument :
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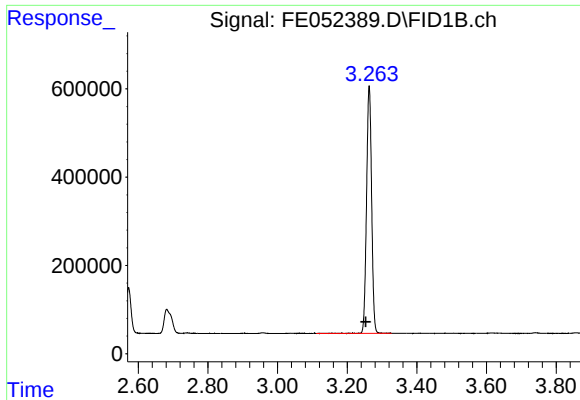
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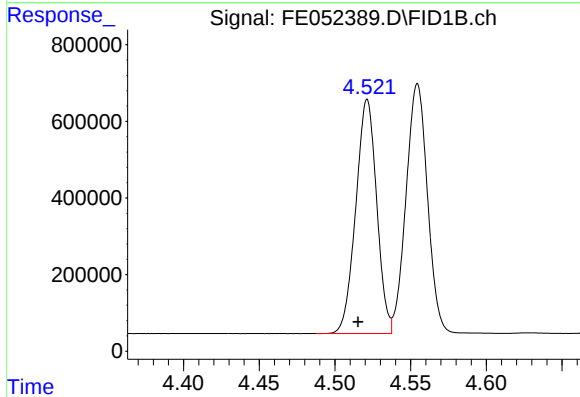
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: 0.010 min
Response: 5633844
Conc: 36.70 ug/ml

Instrument :
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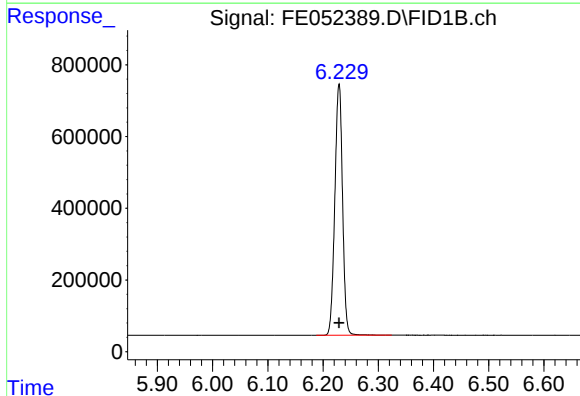
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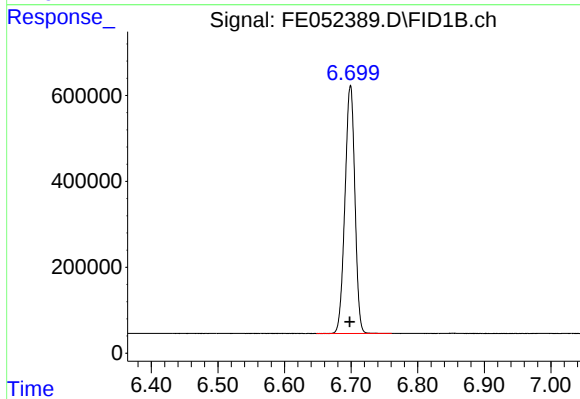
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 5871990
Conc: 37.60 ug/ml



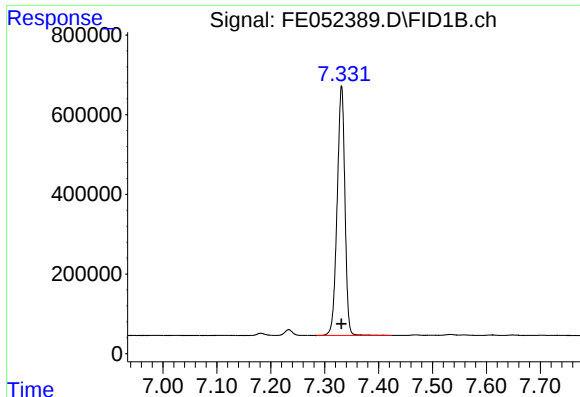
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 6795265
Conc: 39.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 5976241
Conc: 37.86 ug/ml



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

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 6268964
Conc: 37.33 ug/ml

Instrument :

FID_E

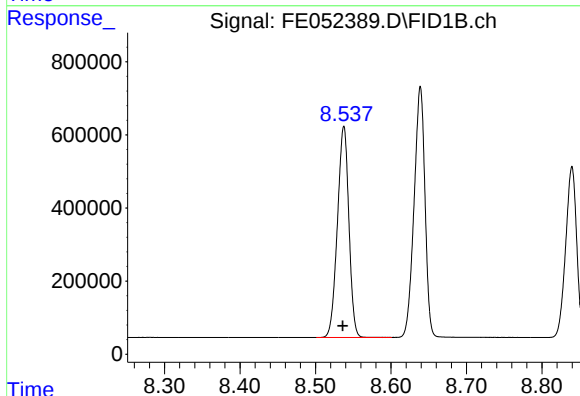
ClientSampleId :

PB166728BS

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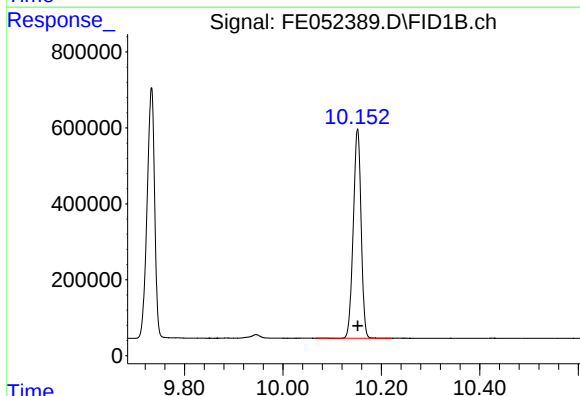
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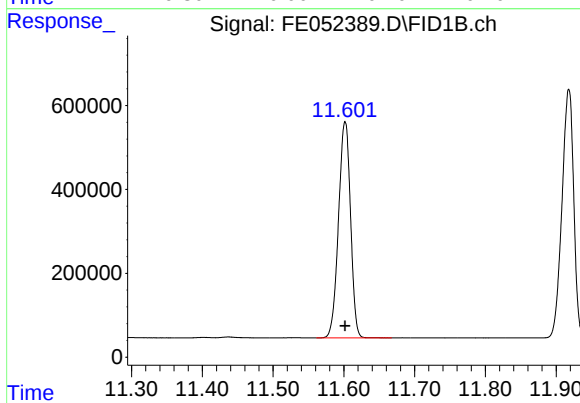
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 6090888
Conc: 38.67 ug/ml



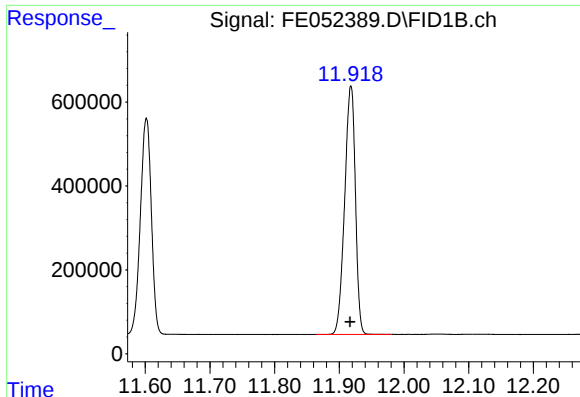
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 6082131
Conc: 37.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 6075736
Conc: 36.72 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.001 min
Response: 6828263
Conc: 36.53 ug/ml

Instrument :

FID_E

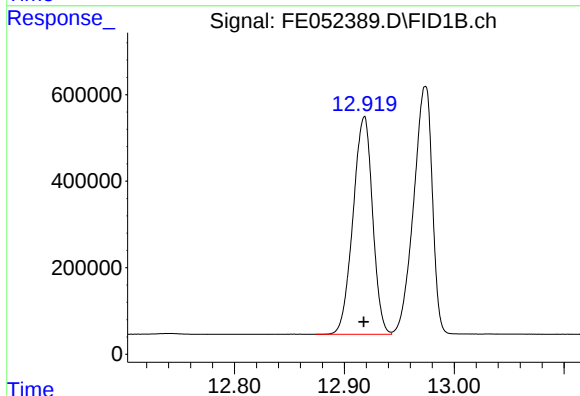
ClientSampleId :

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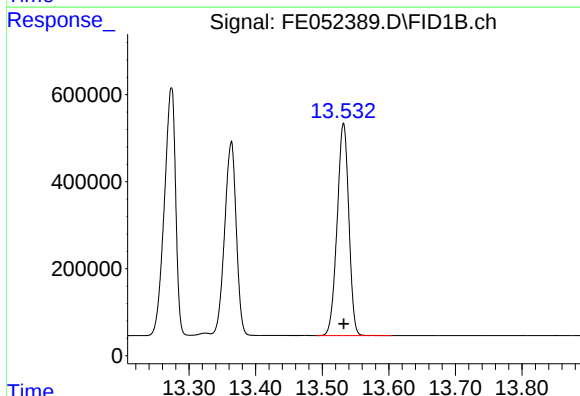
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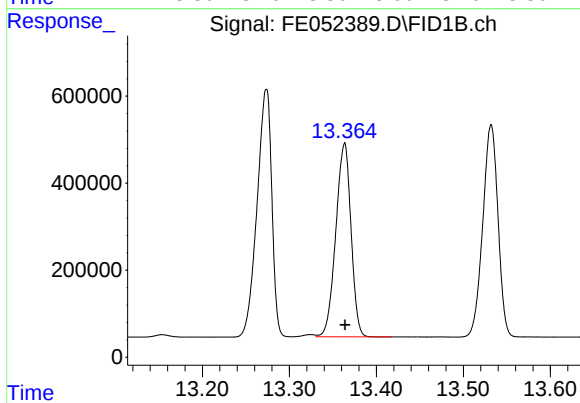
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 6219063
Conc: 39.01 ug/ml



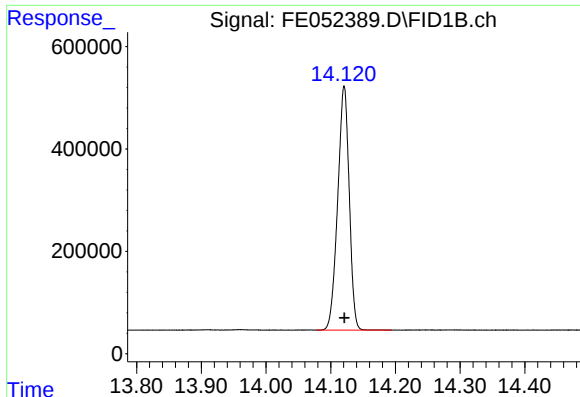
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 5939410
Conc: 37.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 5411301
Conc: 38.93 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 5890057
Conc: 37.64 ug/ml

Instrument :

FID_E

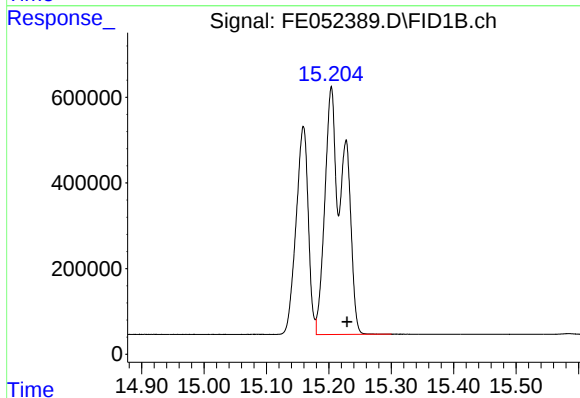
ClientSampleId :

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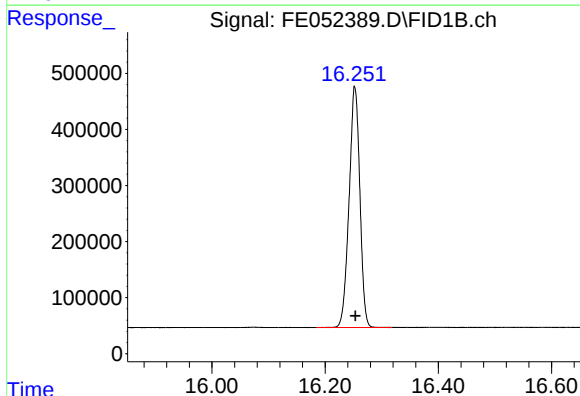
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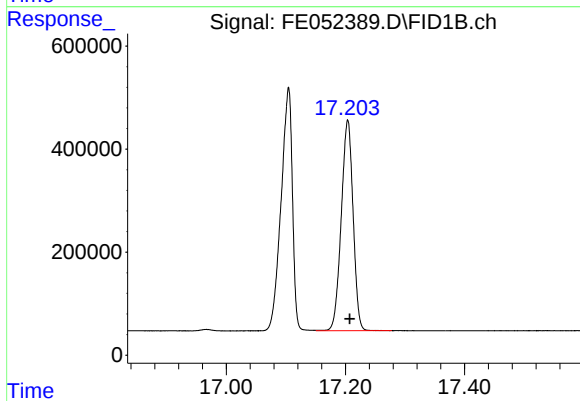
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.025 min
Response: 12316929
Conc: 78.32 ug/ml m



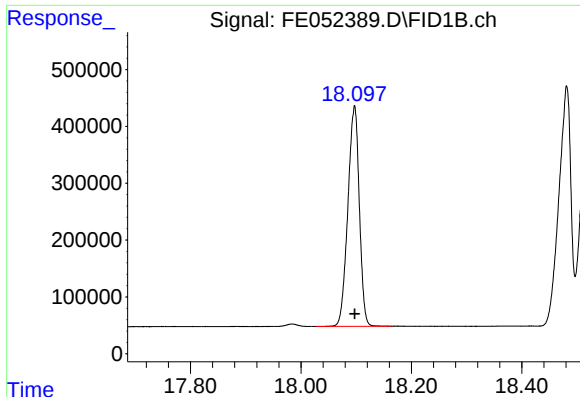
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.001 min
Response: 5676065
Conc: 36.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.004 min
Response: 5641444
Conc: 36.88 ug/ml



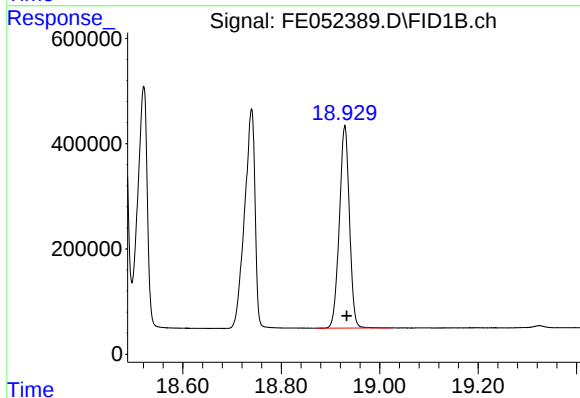
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: 0.000 min
Response: 5586841
Conc: 35.79 ug/ml

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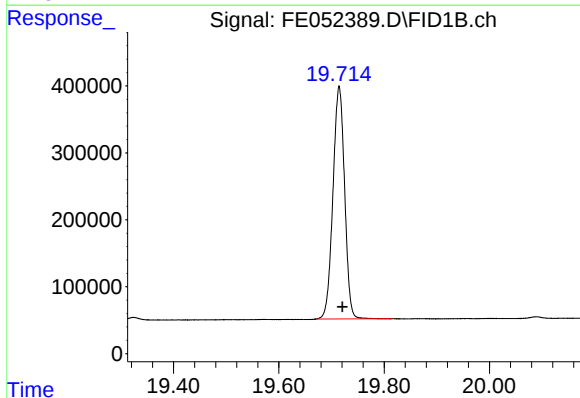
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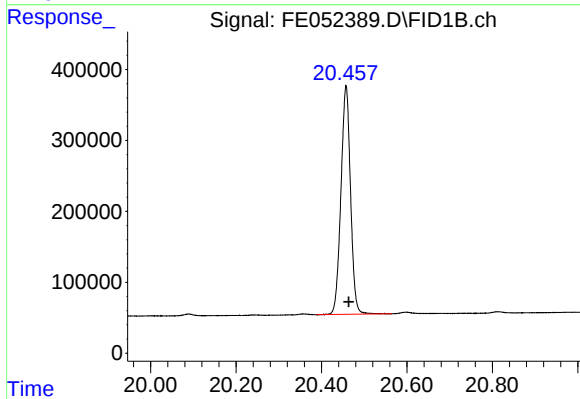
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.004 min
Response: 5469771
Conc: 35.75 ug/ml



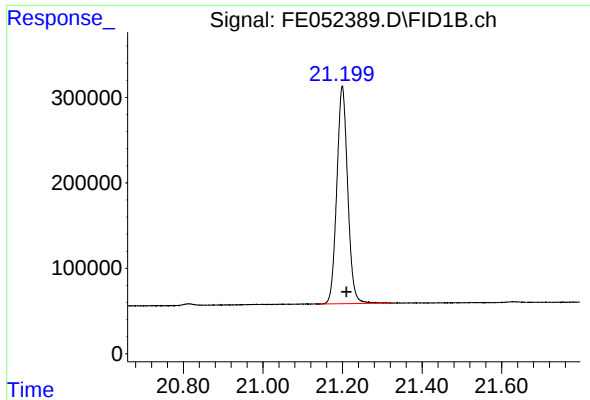
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.006 min
Response: 5351412
Conc: 37.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.006 min
Response: 5016845
Conc: 40.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.010 min
Response: 4843581
Conc: 44.31 ug/ml

Instrument :

FID_E

ClientSampleId :

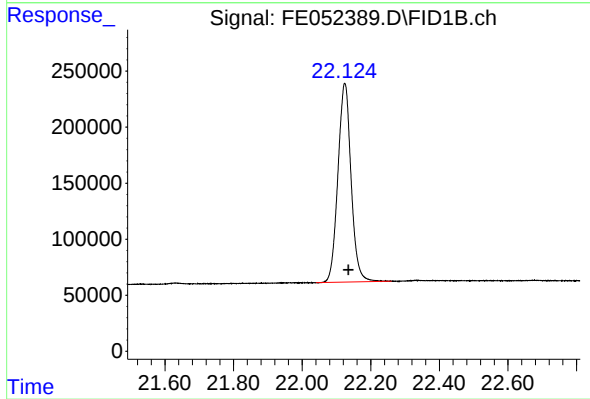
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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.011 min
Response: 4731246
Conc: 47.04 ug/ml