

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
 Data File : FE039384.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2022 17:17
 Operator : YP\AJ
 Sample : PB149729BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149729BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2022
 Supervised By :Ankita Jodhani 12/20/2022

Integration File: autoint1.e
 Quant Time: Dec 20 04:47:21 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)	11.939	6737076	45.145 ug/ml
Spiked Amount 50.000		Recovery =	90.29%
12) S 1-chlorooctadecane (S...	13.373	5405122	46.961 ug/ml
Spiked Amount 50.000		Recovery =	93.92%
Target Compounds			
1) T n-Nonane (C9)	3.335	4423249	34.220 ug/ml
2) T n-Decane (C10)	4.583	4694934	36.846 ug/ml
3) T A~Naphthalene (C11.7)	6.284	5400766	37.361 ug/ml
4) T n-Dodecane (C12)	6.744	5188970	39.969 ug/ml
5) T A~2-methylnaphthalene...	7.378	5563142	41.077 ug/ml
6) T n-Tetradecane (C14)	8.572	5857343	44.203 ug/ml
7) T n-Hexadecane (C16)	10.178	6530465	47.469 ug/ml
8) T n-Octadecane (C18)	11.620	6967586	49.747 ug/ml
10) T n-Eicosane (C20)	12.930	6879127	50.394 ug/ml
11) T n-Heneicosane (C21)	13.541	6837092	50.128 ug/ml
13) T n-Docosane (C22)	14.126	6774016	50.076 ug/ml
14) T n-Tetracosane (C24)	15.227	4198556	31.276 ug/mlm
15) T n-Hexacosane (C26)	16.253	6457498	49.593 ug/ml
16) T n-Octacosane (C28)	17.201	6407488	49.785 ug/ml
17) T n-Tricontane (C30)	18.089	6116710	47.509 ug/ml
18) T n-Dotriacontane (C32)	18.922	6015299	46.450 ug/ml
19) T n-Tetratriacontane (C34)	19.705	5753666	45.605 ug/ml
20) T n-Hexatriacontane (C36)	20.445	4768505	39.436 ug/ml
21) T n-Octatriacontane (C38)	21.181	3956957	32.041 ug/ml
22) T n-Tetracontane (C40)	22.095	3443907	27.423 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB149729BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

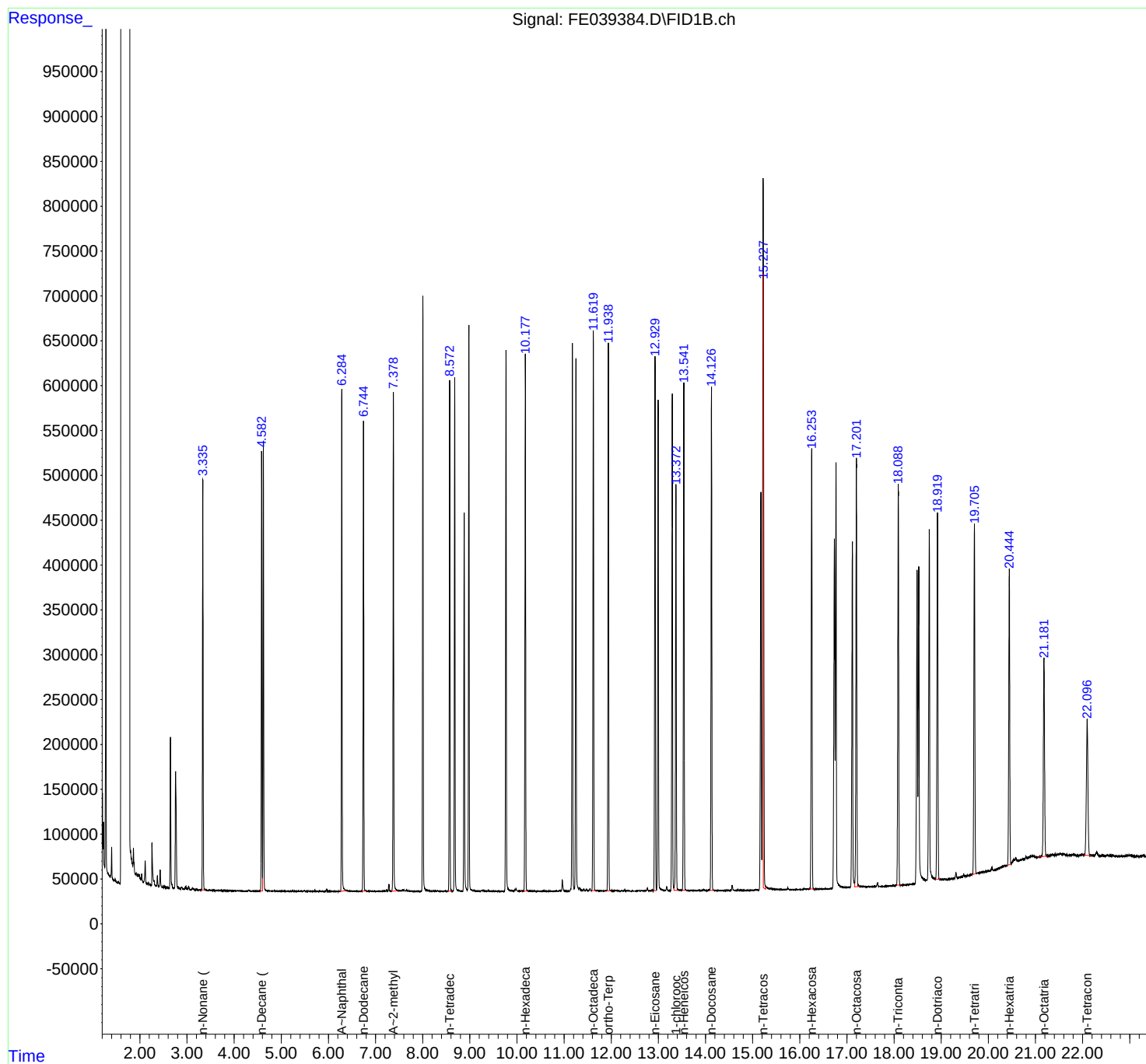
Instrument :
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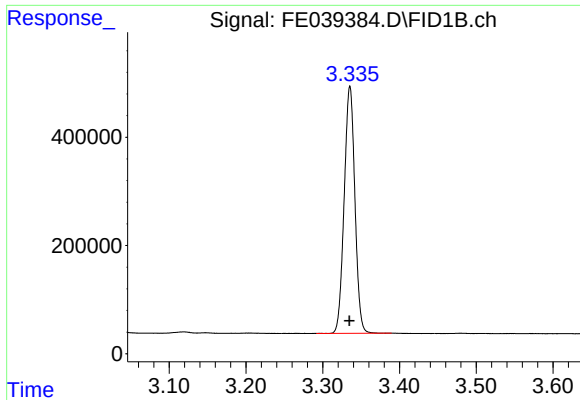
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#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 4423249
Conc: 34.22 ug/ml

Instrument :

FID_E

ClientSampleId :

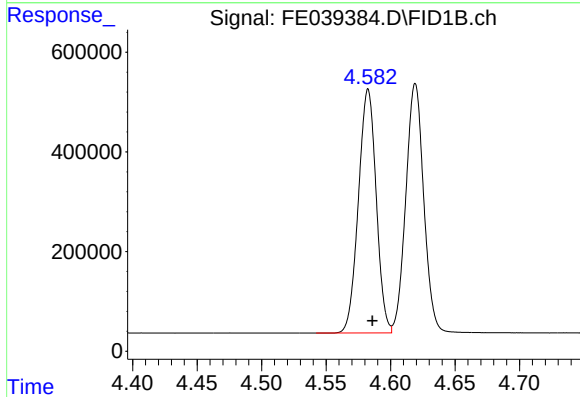
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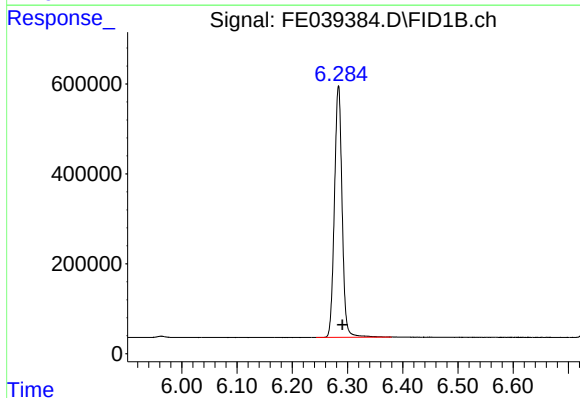
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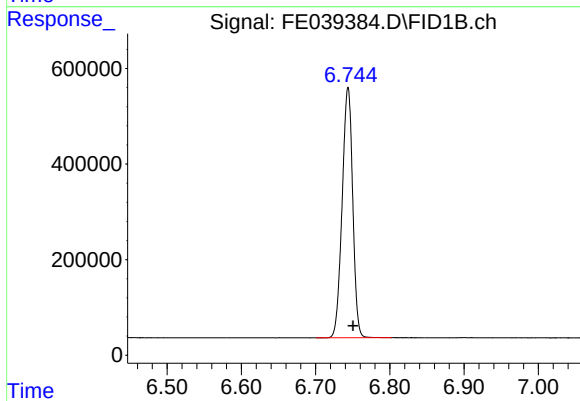
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.003 min
Response: 4694934
Conc: 36.85 ug/ml



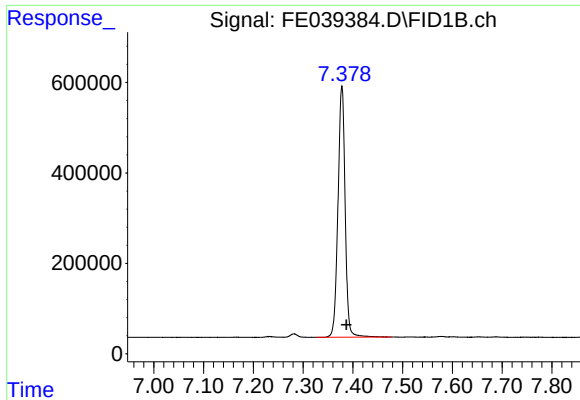
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.007 min
Response: 5400766
Conc: 37.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.007 min
Response: 5188970
Conc: 39.97 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 5563142
Conc: 41.08 ug/ml

Instrument :

FID_E

ClientSampleId :

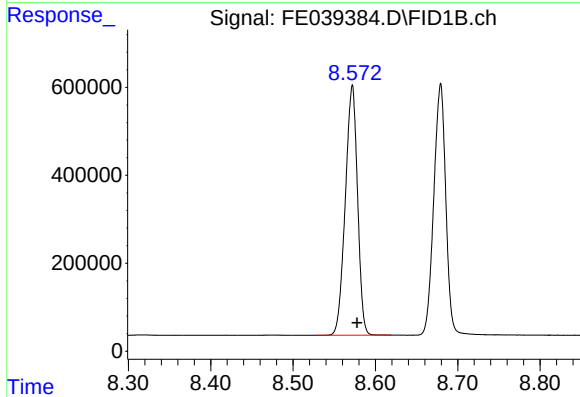
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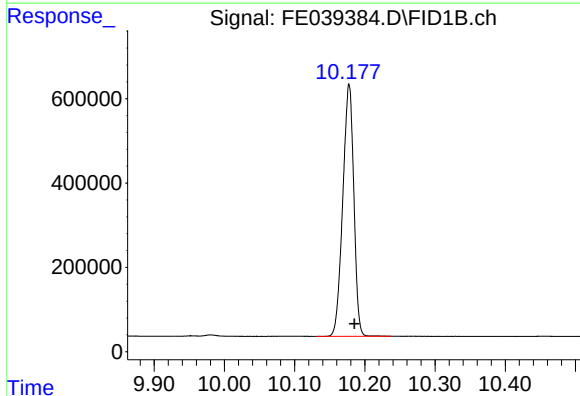
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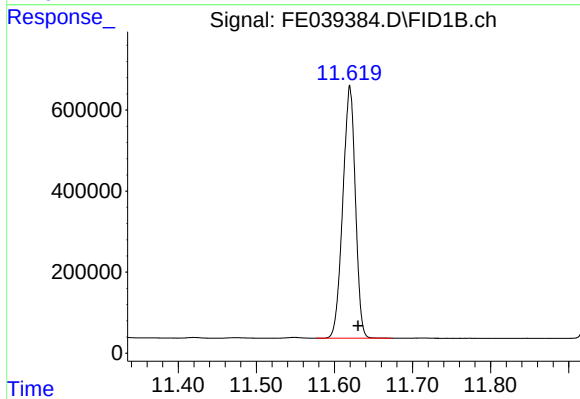
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.006 min
Response: 5857343
Conc: 44.20 ug/ml



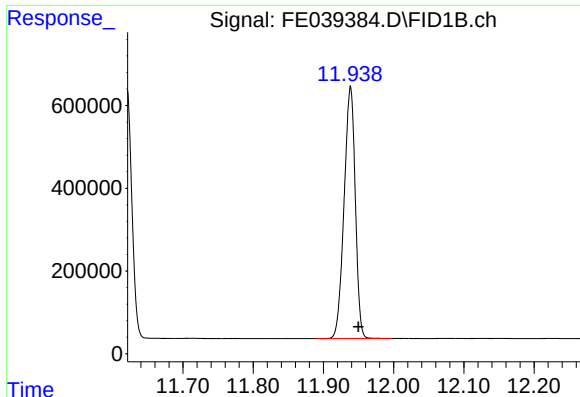
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.007 min
Response: 6530465
Conc: 47.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.010 min
Response: 6967586
Conc: 49.75 ug/ml



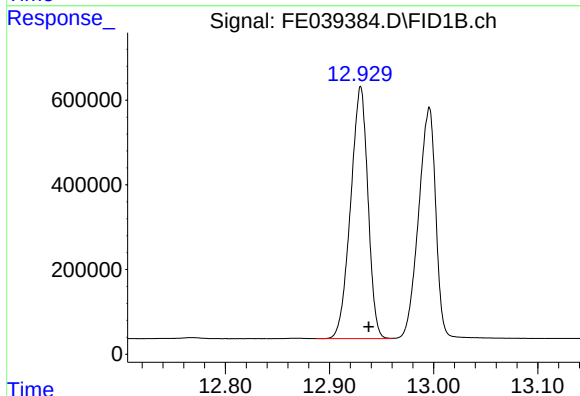
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: -0.011 min
Response: 6737076
Conc: 45.14 ug/ml

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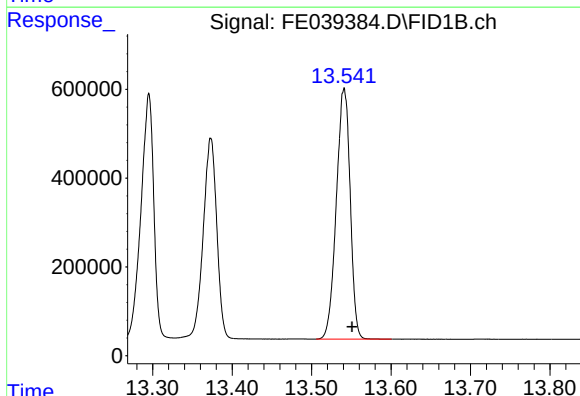
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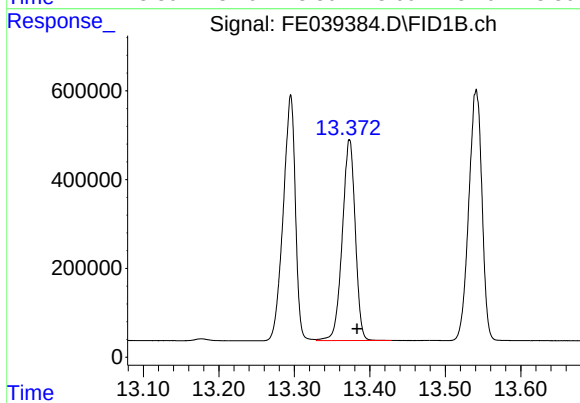
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.008 min
Response: 6879127
Conc: 50.39 ug/ml



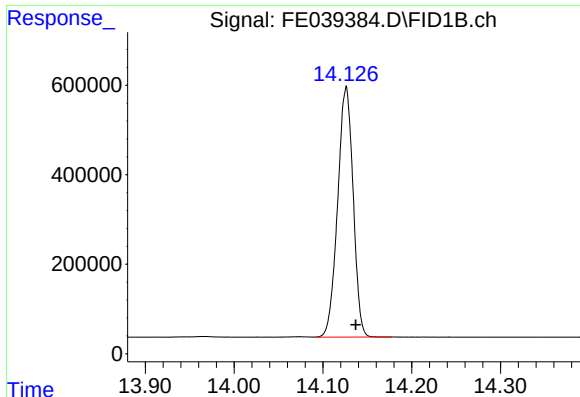
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.010 min
Response: 6837092
Conc: 50.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.010 min
Response: 5405122
Conc: 46.96 ug/ml



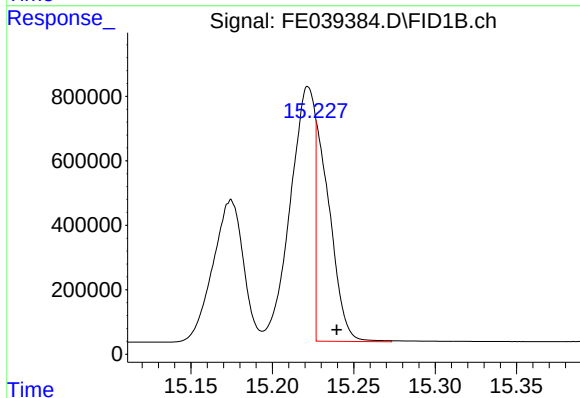
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.011 min
Response: 6774016
Conc: 50.08 ug/ml

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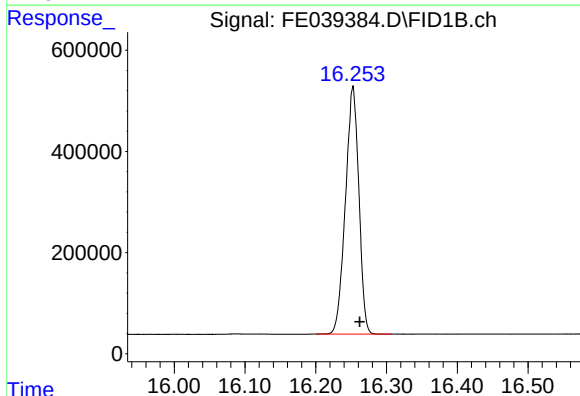
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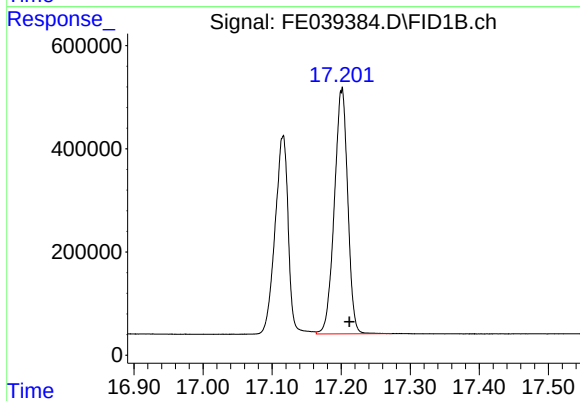
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.013 min
Response: 4198556
Conc: 31.28 ug/ml m



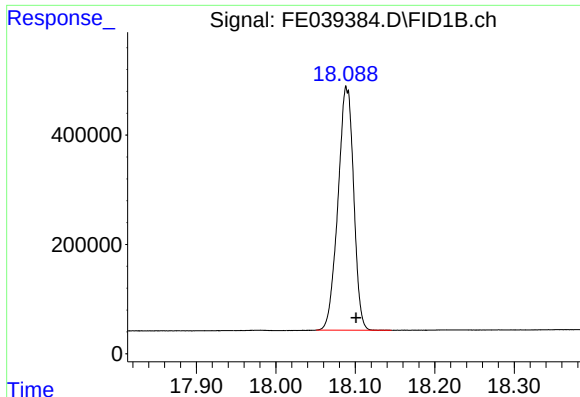
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.010 min
Response: 6457498
Conc: 49.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.011 min
Response: 6407488
Conc: 49.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.012 min
Response: 6116710
Conc: 47.51 ug/ml

Instrument :

FID_E

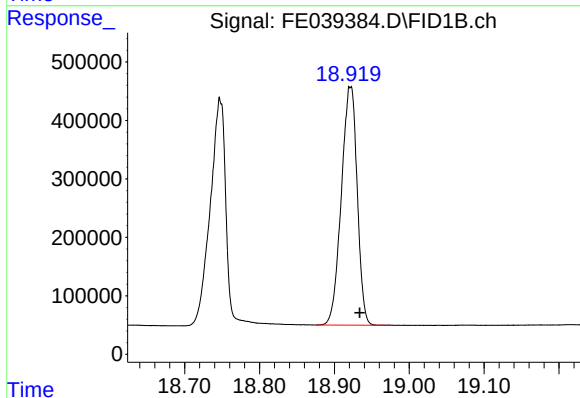
ClientSampleId :

PB149729BSD

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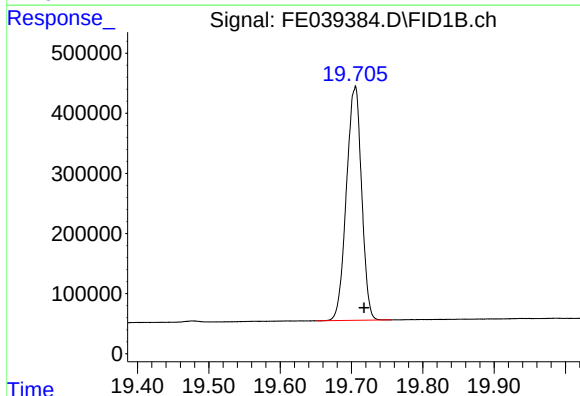
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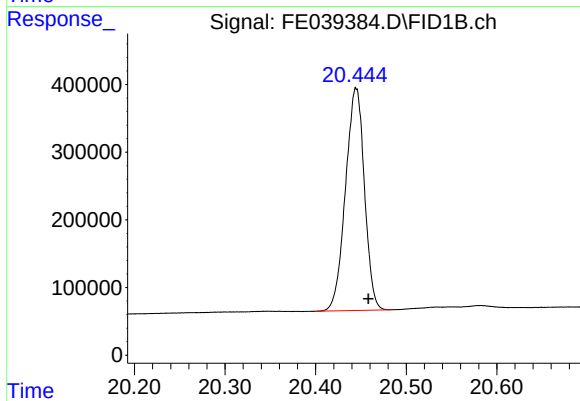
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.012 min
Response: 6015299
Conc: 46.45 ug/ml



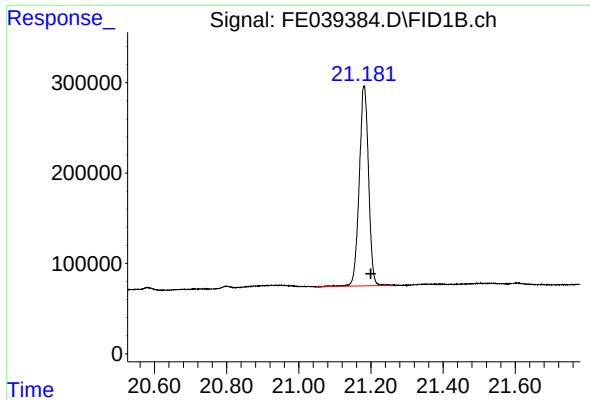
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.012 min
Response: 5753666
Conc: 45.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.013 min
Response: 4768505
Conc: 39.44 ug/ml



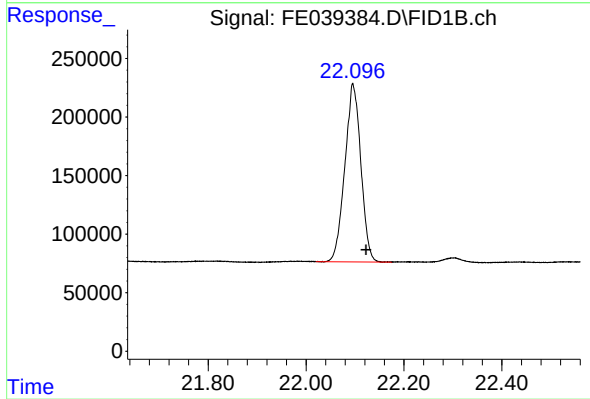
#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.019 min
Response: 3956957
Conc: 32.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.027 min
Response: 3443907
Conc: 27.42 ug/ml