

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031722AL\
 Data File : FE035380.D
 Signal(s) : FID1B.CH
 Acq On : 17 Mar 2022 17:49
 Operator : YP\AJ
 Sample : N1956-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TPK-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File: sample.E
 Quant Time: Mar 17 22:51:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
12) S 1-chlorooctadecane (S...	12.797	5727562	52.877 ug/ml
Spiked Amount 50.000		Recovery =	105.75%
Target Compounds			
1) T n-Nonane (C9)	3.178	1826765	15.909 ug/ml
2) T n-Decane (C10)	4.232	2319726	20.362 ug/ml
4) T n-Dodecane (C12)	6.238	3504542	29.807 ug/ml
6) T n-Tetradecane (C14)	8.025	4333995	36.316 ug/ml
7) T n-Hexadecane (C16)	9.619	5051903	41.465 ug/ml
8) T n-Octadecane (C18)	11.053	5528056	44.099 ug/ml
10) T n-Eicosane (C20)	12.357	5437591	43.002 ug/ml
11) T n-Heneicosane (C21)	12.965	5417162	42.538 ug/ml
13) T n-Docosane (C22)	13.549	5354500	42.168 ug/ml
14) T n-Tetracosane (C24)	14.645	5226660	41.267 ug/ml
15) T n-Hexacosane (C26)	15.662	5021911	40.500 ug/ml
16) T n-Octacosane (C28)	16.605	4841559	40.394 ug/ml
17) T n-Tricontane (C30)	17.488	4519511	39.903 ug/ml
18) T n-Dotriacontane (C32)	18.316	4205849	41.303 ug/ml
19) T n-Tetratriacontane (C34)	19.097	3940373	44.161 ug/mlm
20) T n-Hexatriacontane (C36)	19.832	3659616	48.207 ug/mlm
21) T n-Octatriacontane (C38)	20.534	3239596	49.059 ug/ml
22) T n-Tetracontane (C40)	21.346	2983382	48.774 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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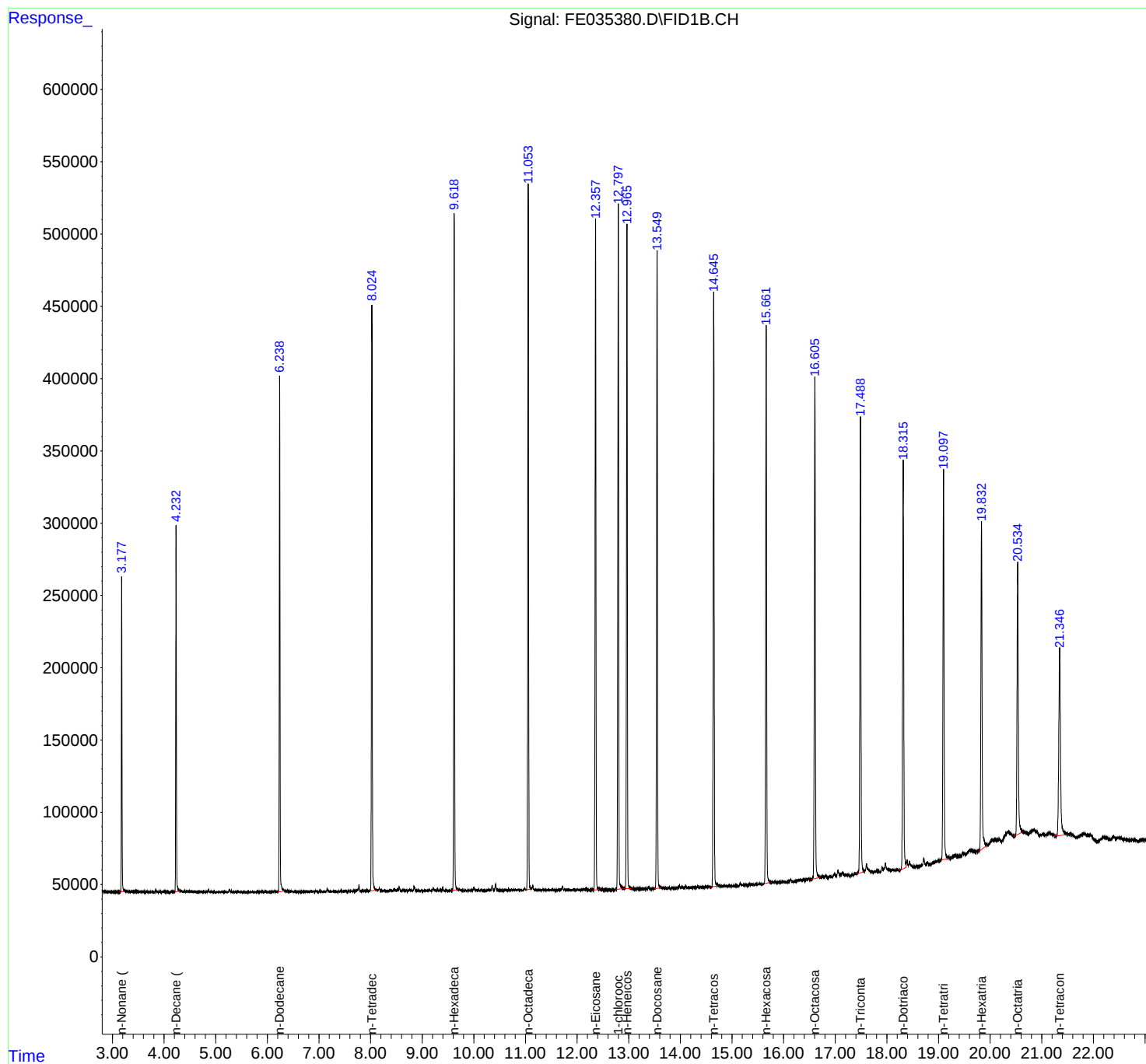
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TPK-3MS

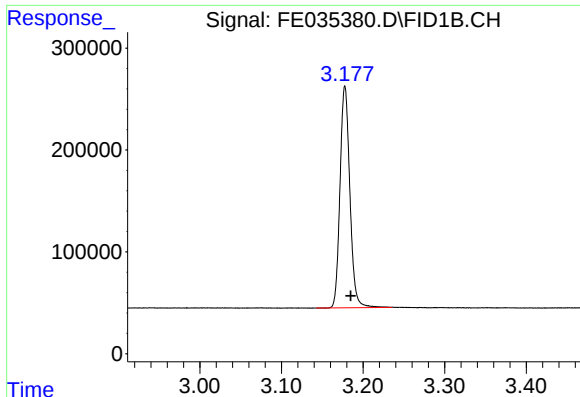
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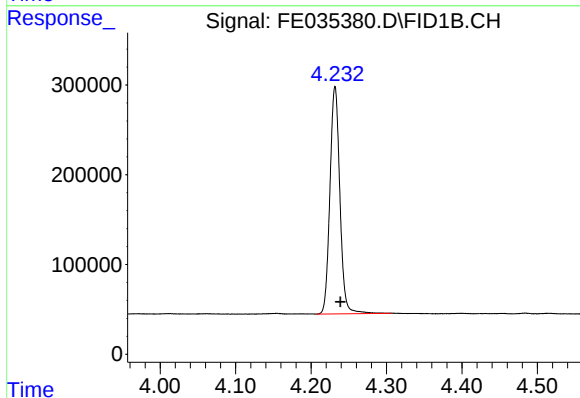
#1 n-Nonane (C9)

R.T.: 3.178 min
Delta R.T.: -0.007 min
Response: 1826765
Conc: 15.91 ug/ml

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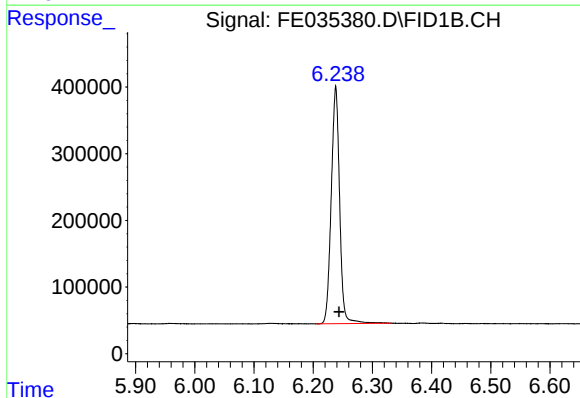
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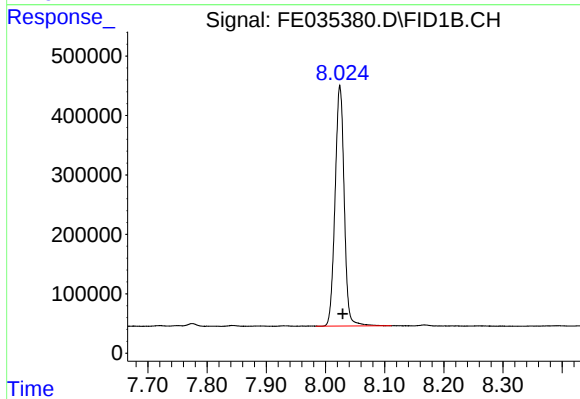
#2 n-Decane (C10)

R.T.: 4.232 min
Delta R.T.: -0.007 min
Response: 2319726
Conc: 20.36 ug/ml



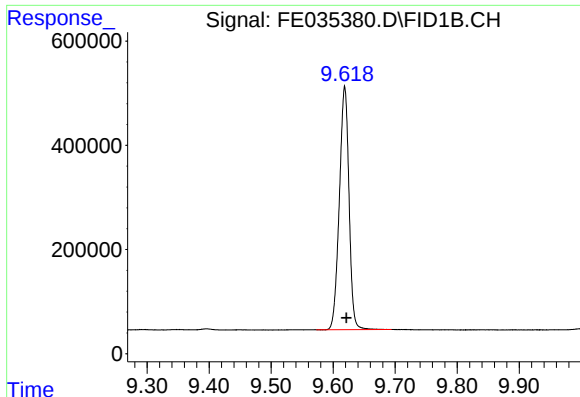
#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 3504542
Conc: 29.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: -0.005 min
Response: 4333995
Conc: 36.32 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: -0.003 min
Response: 5051903
Conc: 41.46 ug/ml

Instrument :

FID_E

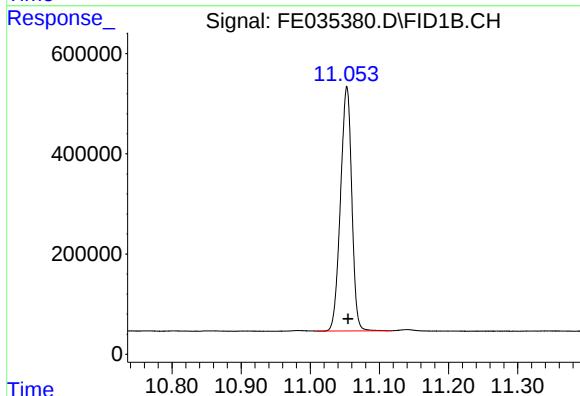
ClientSampleId :

TPK-3MS

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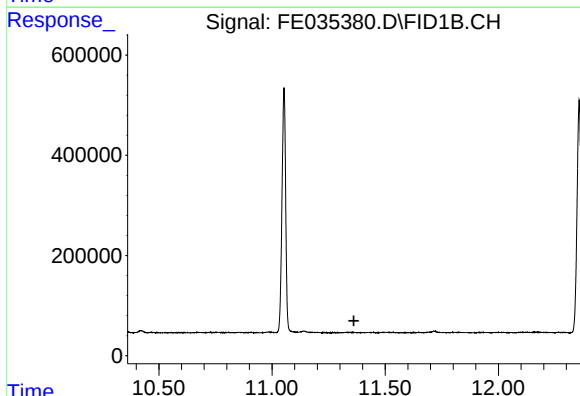
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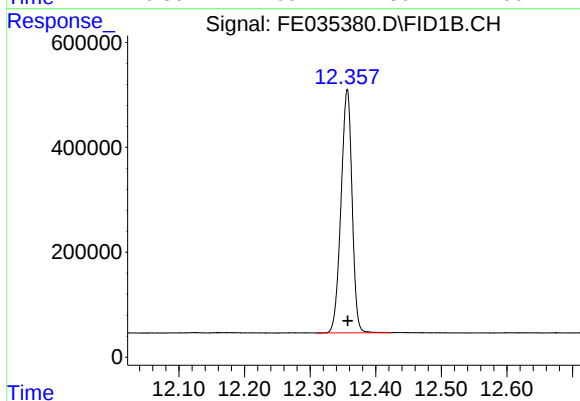
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: -0.002 min
Response: 5528056
Conc: 44.10 ug/ml



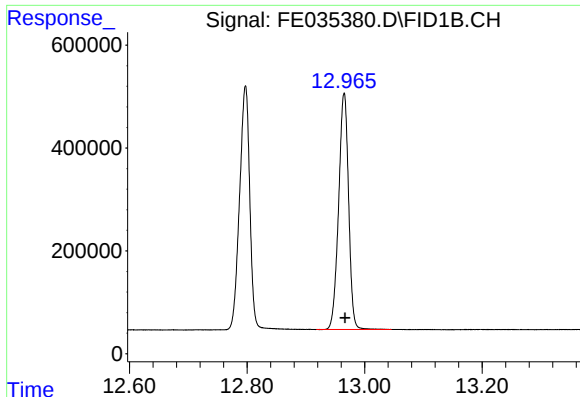
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.362 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: 0.000 min
Response: 5437591
Conc: 43.00 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.965 min
Delta R.T.: -0.001 min
Response: 5417162
Conc: 42.54 ug/ml

Instrument :

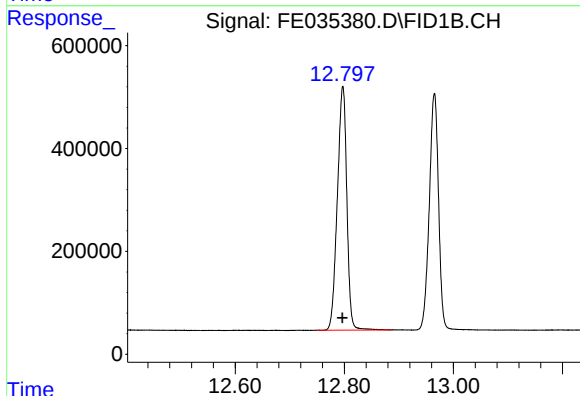
FID_E

ClientSampleId :

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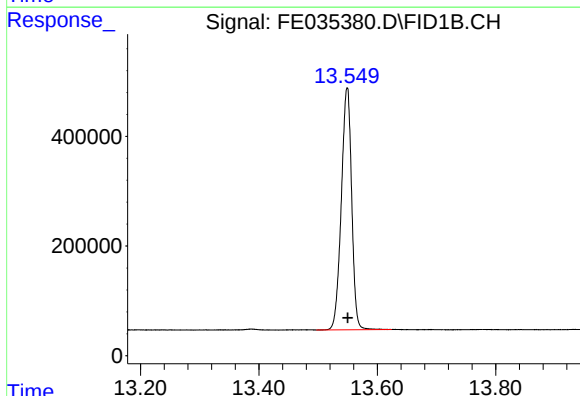
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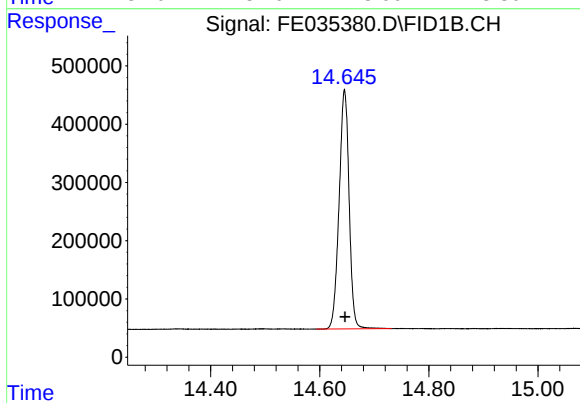
#12 1-chlorooctadecane (SURR)

R.T.: 12.797 min
Delta R.T.: 0.000 min
Response: 5727562
Conc: 52.88 ug/ml



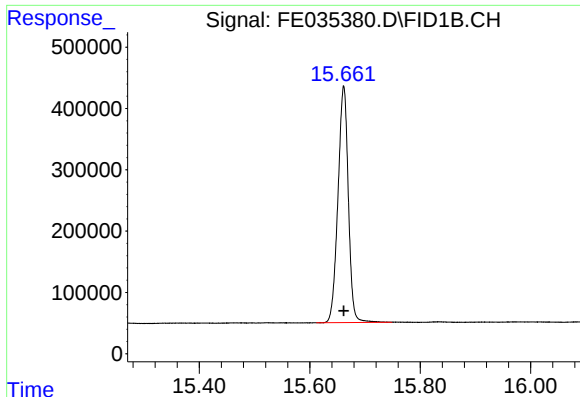
#13 n-Docosane (C22)

R.T.: 13.549 min
Delta R.T.: 0.000 min
Response: 5354500
Conc: 42.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.001 min
Response: 5226660
Conc: 41.27 ug/ml



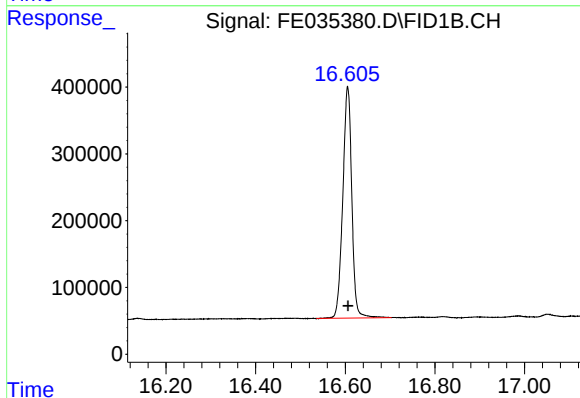
#15 n-Hexacosane (C26)

R.T.: 15.662 min
Delta R.T.: 0.000 min
Response: 5021911
Conc: 40.50 ug/ml

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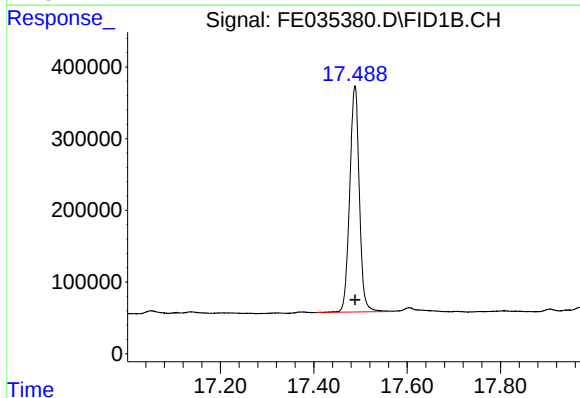
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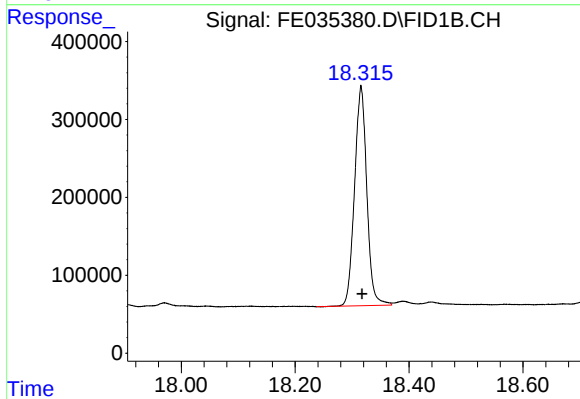
#16 n-Octacosane (C28)

R.T.: 16.605 min
Delta R.T.: 0.000 min
Response: 4841559
Conc: 40.39 ug/ml



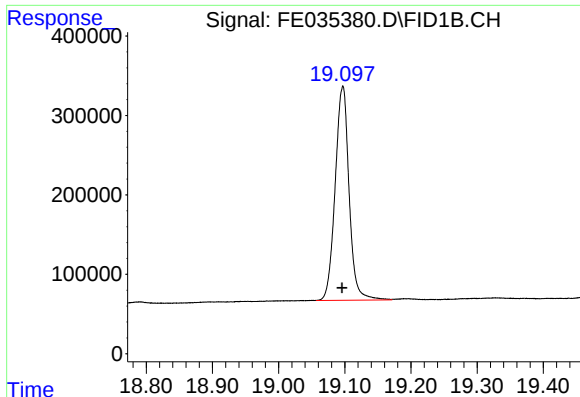
#17 n-Tricontane (C30)

R.T.: 17.488 min
Delta R.T.: 0.000 min
Response: 4519511
Conc: 39.90 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: -0.002 min
Response: 4205849
Conc: 41.30 ug/ml



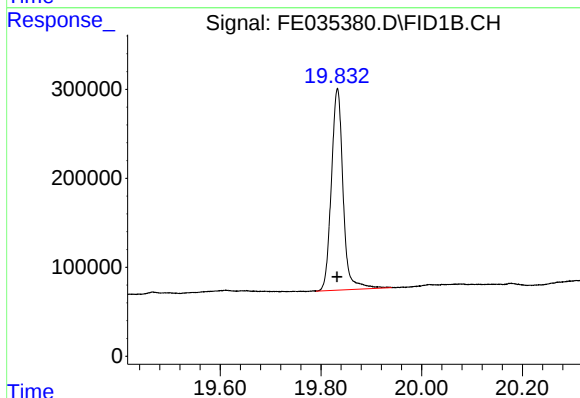
#19 n-Tetratriacontane (C34)

R.T.: 19.097 min
Delta R.T.: 0.000 min
Response: 3940373
Conc: 44.16 ug/ml

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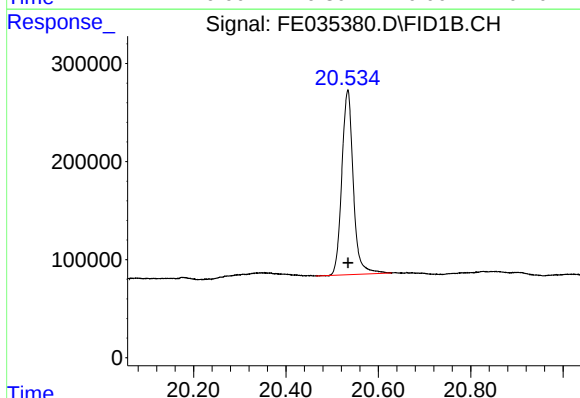
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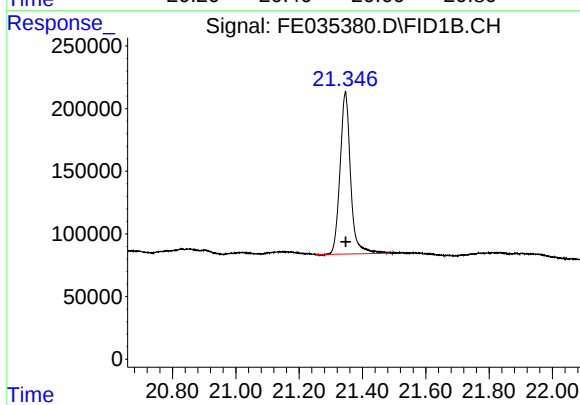
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: 0.000 min
Response: 3659616
Conc: 48.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.534 min
Delta R.T.: 0.000 min
Response: 3239596
Conc: 49.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.346 min
Delta R.T.: -0.001 min
Response: 2983382
Conc: 48.77 ug/ml