

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
 Data File : FE038975.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2022 01:56
 Operator : YP\AJ
 Sample : N5766-05MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CR-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 03:03:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\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)	11.953	5379101	34.385 ug/ml
Spiked Amount 50.000		Recovery =	68.77%
12) S 1-chlorooctadecane (S...	13.387	4095000	33.916 ug/ml
Spiked Amount 50.000		Recovery =	67.83%
Target Compounds			
1) T n-Nonane (C9)	3.351	4599698	32.450 ug/ml
2) T n-Decane (C10)	4.599	5239327	37.591 ug/ml
3) T A~Naphthalene (C11.7)	6.299	6045541	38.010 ug/ml
4) T n-Dodecane (C12)	6.760	5710363	40.511 ug/ml
5) T A~2-methylnaphthalene...	7.394	5980417	39.958 ug/ml
6) T n-Tetradecane (C14)	8.587	5894615	41.272 ug/ml
7) T n-Hexadecane (C16)	10.193	6557751	44.851 ug/ml
8) T n-Octadecane (C18)	11.635	7001247	47.579 ug/ml
10) T n-Eicosane (C20)	12.944	6799882	47.899 ug/ml
11) T n-Heneicosane (C21)	13.556	6683364	47.033 ug/ml
13) T n-Docosane (C22)	14.142	6674816	47.750 ug/ml
14) T n-Tetracosane (C24)	15.234	12709079	92.025 ug/ml
15) T n-Hexacosane (C26)	16.267	6386041	47.546 ug/ml
16) T n-Octacosane (C28)	17.213	6287313	47.345 ug/mlm
17) T n-Tricontane (C30)	18.103	6173015	46.744 ug/ml
18) T n-Dotriacontane (C32)	18.934	6323088	47.411 ug/ml
19) T n-Tetratriacontane (C34)	19.717	6247265	47.212 ug/ml
20) T n-Hexatriacontane (C36)	20.458	6095525	47.447 ug/ml
21) T n-Octatriacontane (C38)	21.200	6277264	47.905 ug/mlm
22) T n-Tetracontane (C40)	22.121	6393785	46.955 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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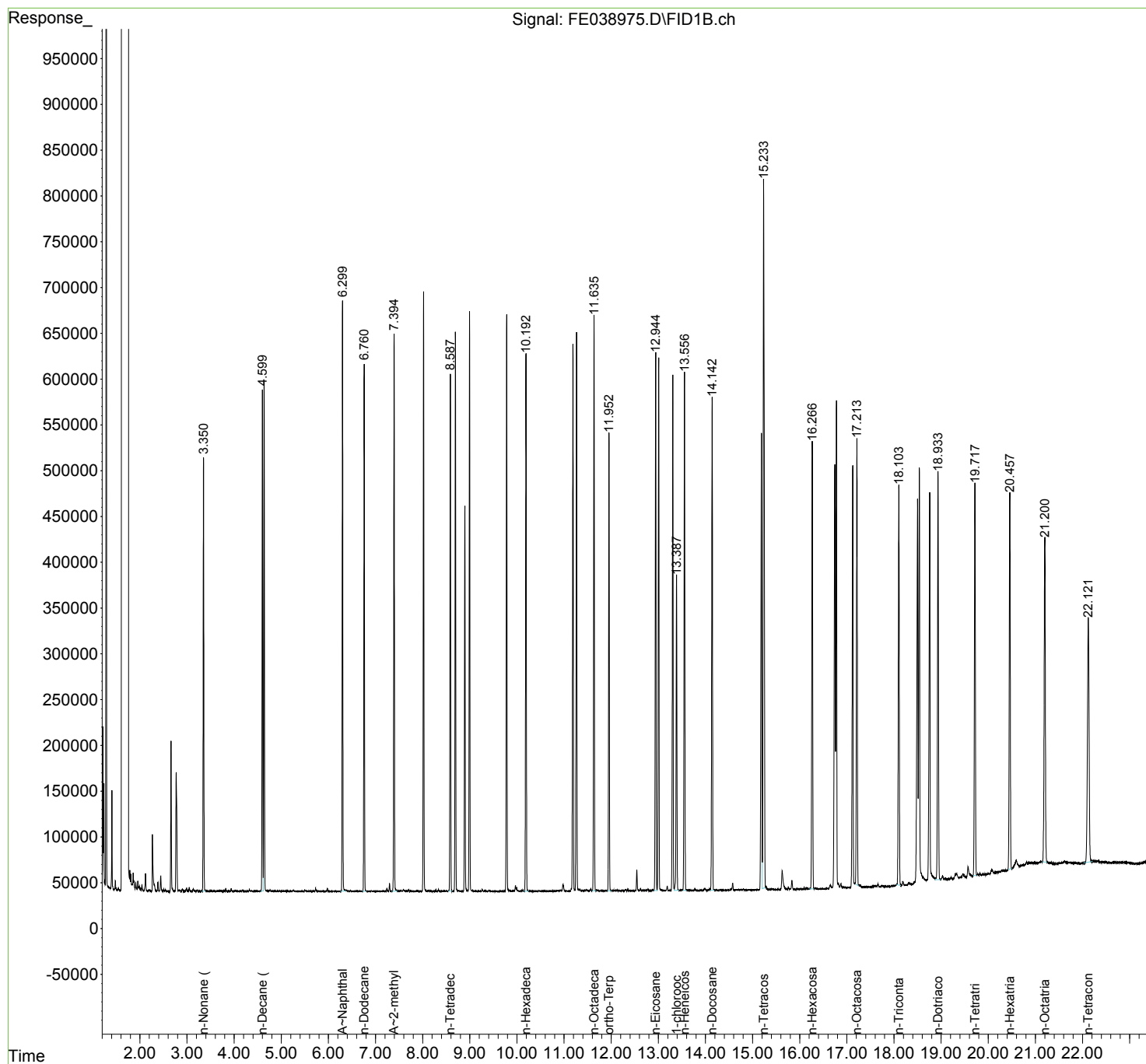
Instrument :
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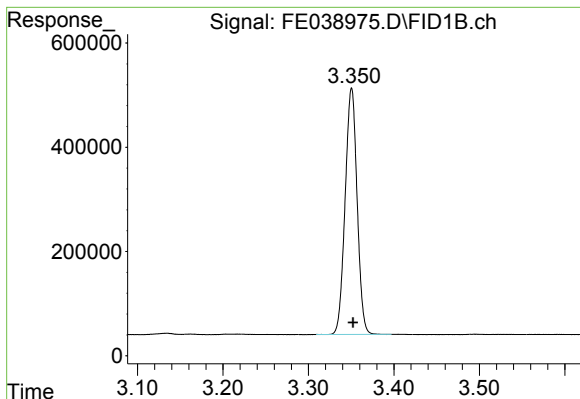
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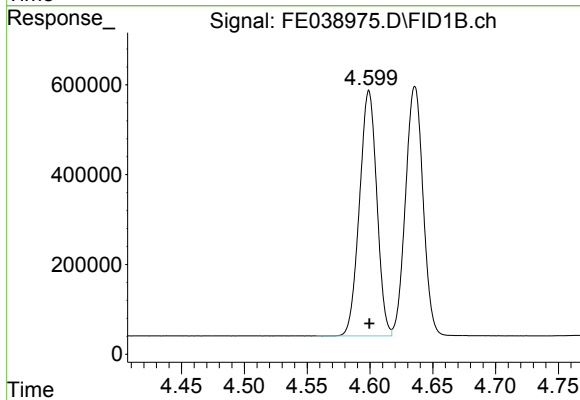
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 4599698
Conc: 32.45 ug/ml

Instrument :
FID_E
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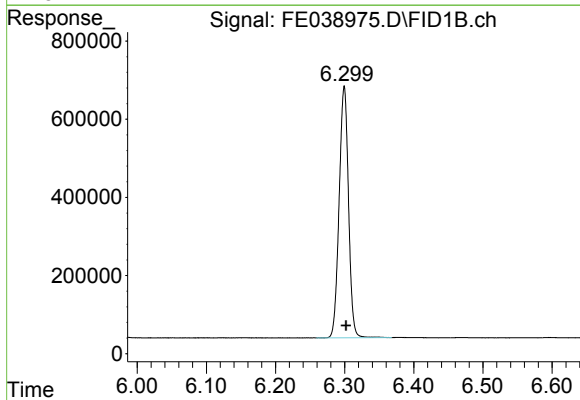
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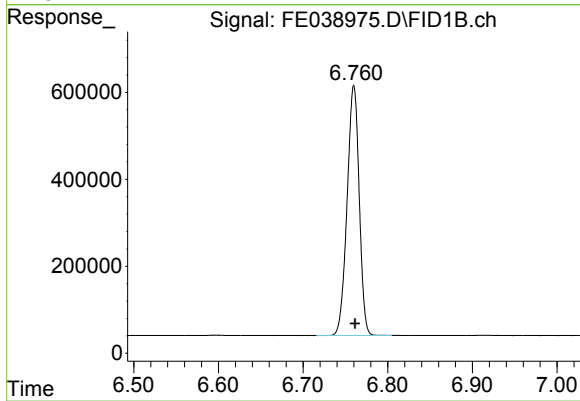
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 5239327
Conc: 37.59 ug/ml



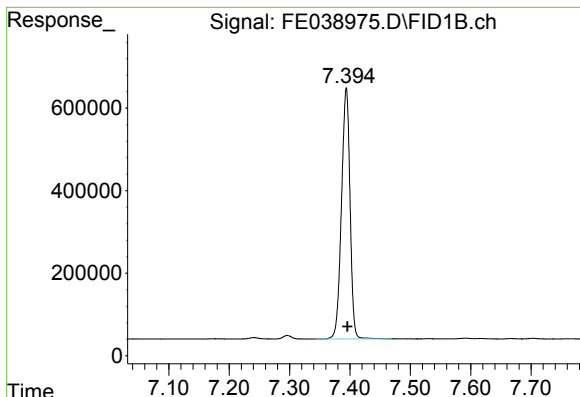
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 6045541
Conc: 38.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.001 min
Response: 5710363
Conc: 40.51 ug/ml



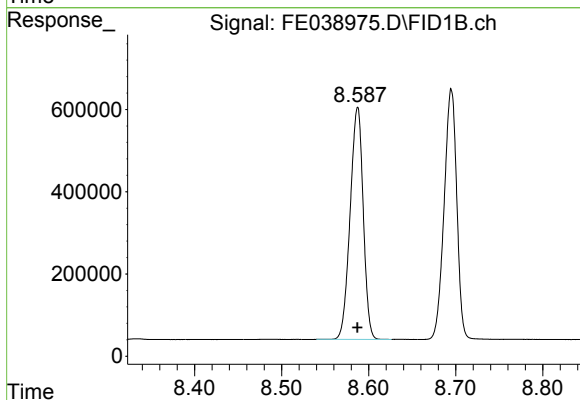
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 5980417
Conc: 39.96 ug/ml

Instrument :
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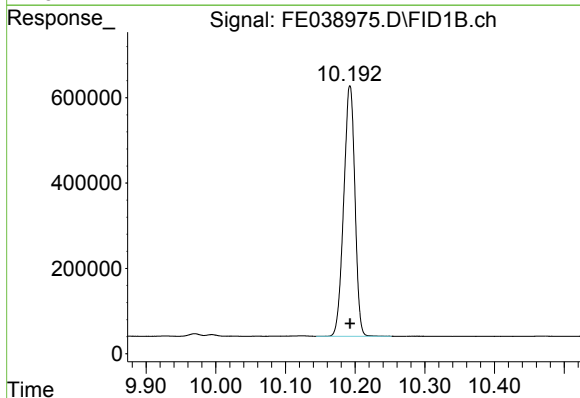
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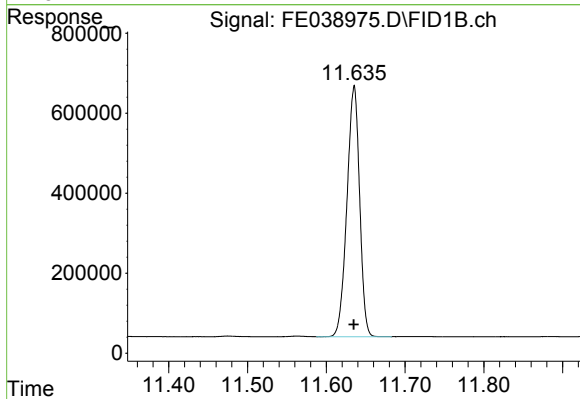
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: 0.000 min
Response: 5894615
Conc: 41.27 ug/ml



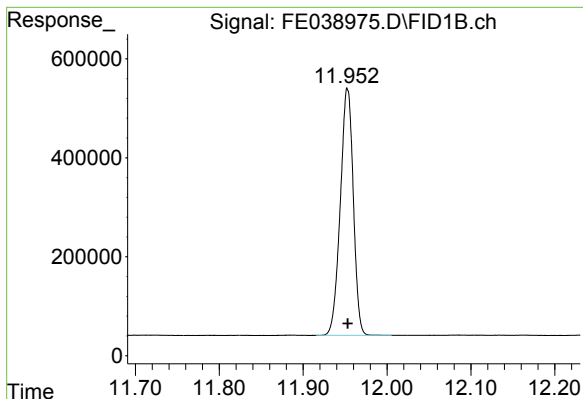
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 6557751
Conc: 44.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.000 min
Response: 7001247
Conc: 47.58 ug/ml



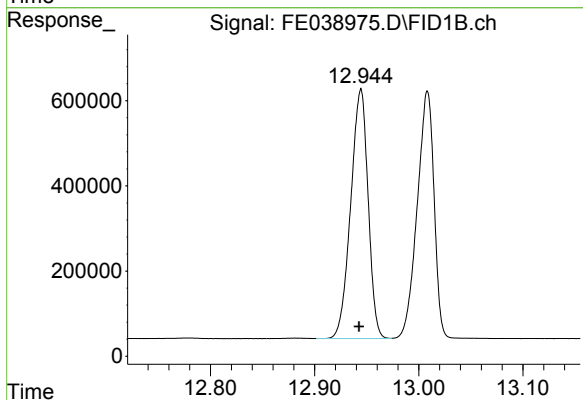
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: 0.000 min
Response: 5379101
Conc: 34.38 ug/ml

Instrument :
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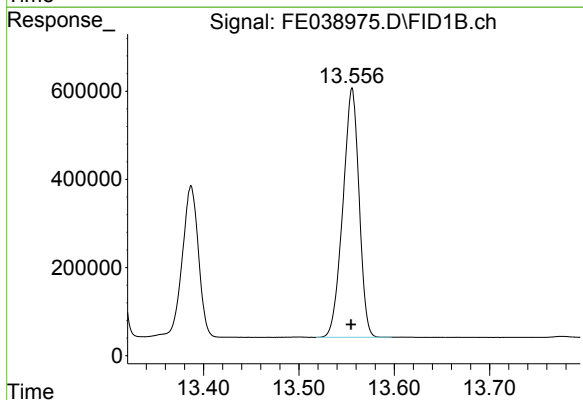
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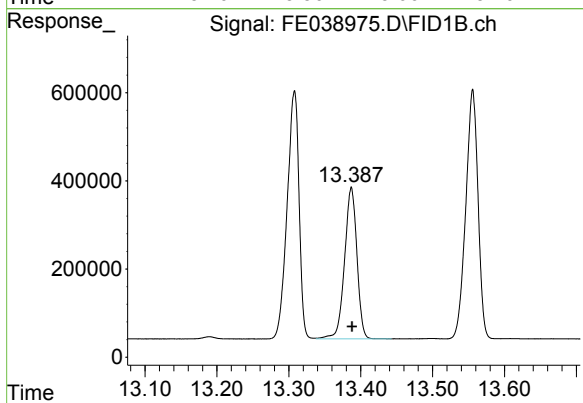
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.002 min
Response: 6799882
Conc: 47.90 ug/ml



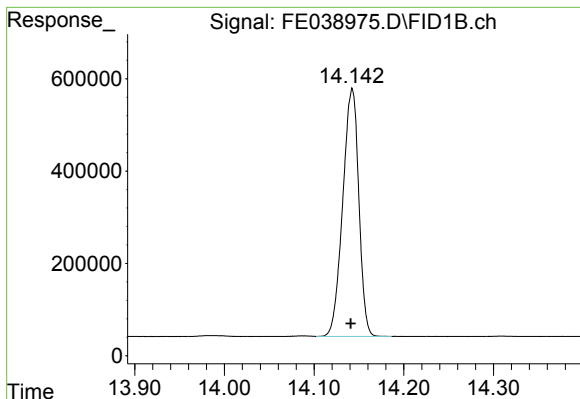
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.000 min
Response: 6683364
Conc: 47.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: -0.001 min
Response: 4095000
Conc: 33.92 ug/ml



#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: 0.002 min
Response: 6674816
Conc: 47.75 ug/ml

Instrument :

FID_E

ClientSampleId :

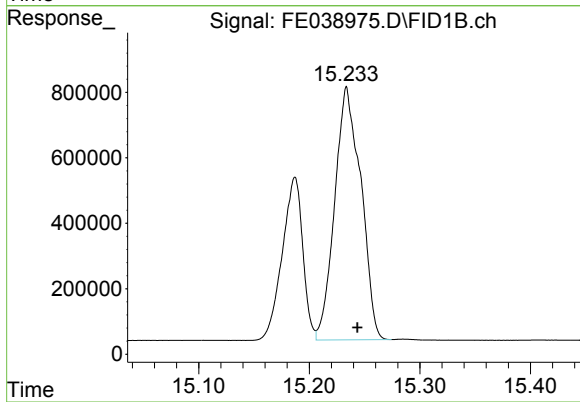
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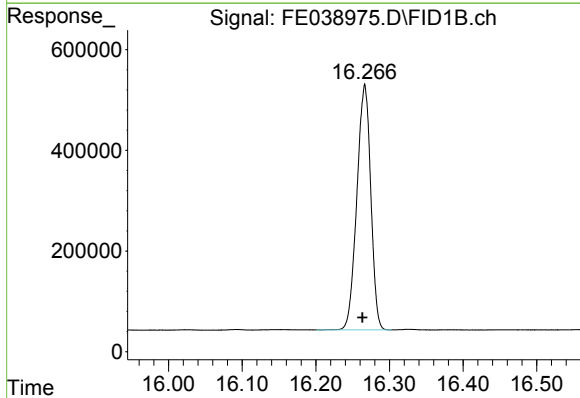
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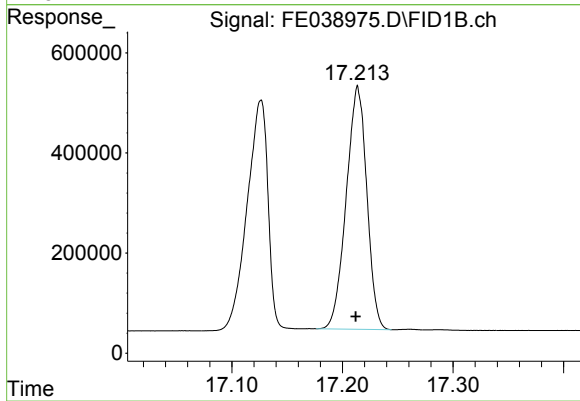
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.010 min
Response: 12709079
Conc: 92.03 ug/ml



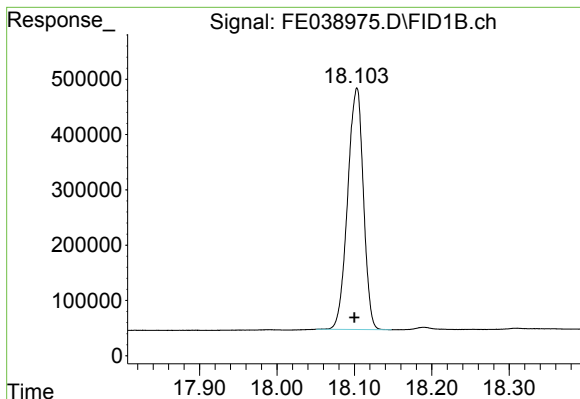
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.003 min
Response: 6386041
Conc: 47.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.001 min
Response: 6287313
Conc: 47.34 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.003 min
Response: 6173015
Conc: 46.74 ug/ml

Instrument :

FID_E

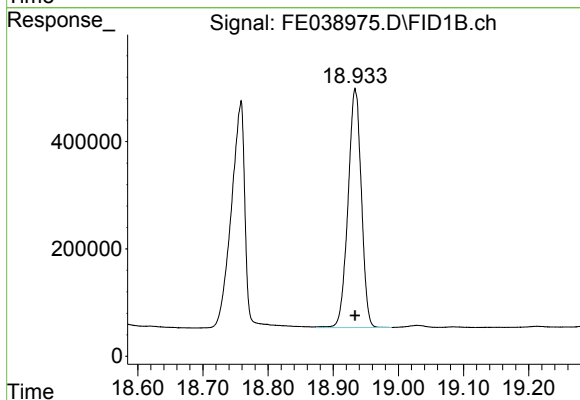
ClientSampleId :

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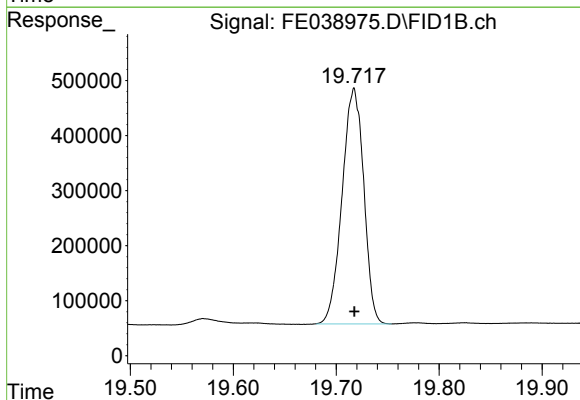
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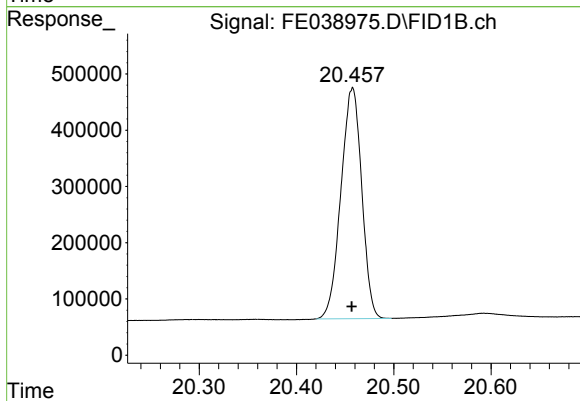
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 6323088
Conc: 47.41 ug/ml



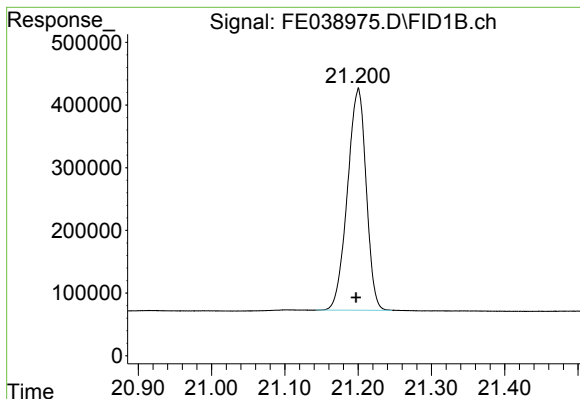
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.000 min
Response: 6247265
Conc: 47.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: 0.000 min
Response: 6095525
Conc: 47.45 ug/ml



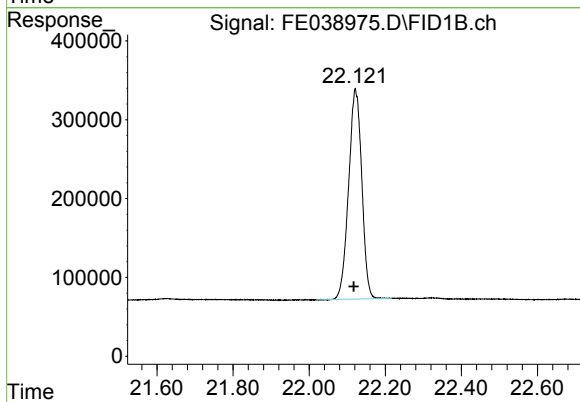
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.003 min
Response: 6277264
Conc: 47.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: 0.004 min
Response: 6393785
Conc: 46.96 ug/ml