

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036777.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2022 11:30
 Operator : YP\AJ
 Sample : PB146606BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146606BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 04:28:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.838	7544476	40.508 ug/ml
Spiked Amount 50.000		Recovery =	81.02%
12) S 1-chlorooctadecane (S...	13.278	5948263	39.096 ug/ml
Spiked Amount 50.000		Recovery =	78.19%
Target Compounds			
1) T n-Nonane (C9)	3.240	5463228	35.439 ug/ml
2) T n-Decane (C10)	4.489	5667821	36.769 ug/ml
3) T A~Naphthalene (C11.7)	6.184	6867111	40.185 ug/ml
4) T n-Dodecane (C12)	6.651	6081298	38.720 ug/ml
5) T A~2-methylnaphthalene...	7.279	6862267	39.927 ug/ml
6) T n-Tetradecane (C14)	8.480	6484762	39.721 ug/ml
7) T n-Hexadecane (C16)	10.084	6966819	42.268 ug/ml
8) T n-Octadecane (C18)	11.525	7504850	44.159 ug/ml
10) T n-Eicosane (C20)	12.834	7353122	43.228 ug/ml
11) T n-Heneicosane (C21)	13.445	7274064	42.500 ug/ml
13) T n-Docosane (C22)	14.032	7218578	42.279 ug/ml
14) T n-Tetracosane (C24)	15.134	6622957	38.853 ug/ml
15) T n-Hexacosane (C26)	16.156	6911449	41.339 ug/ml
16) T n-Octacosane (C28)	17.106	6766817	41.431 ug/ml
17) T n-Tricontane (C30)	17.996	6415196	42.216 ug/ml
18) T n-Dotriacontane (C32)	18.827	6104326	50.755 ug/ml
19) T n-Tetratriacontane (C34)	19.612	5652690	67.878 ug/ml
20) T n-Hexatriacontane (C36)	20.351	5139434	87.529 ug/ml
21) T n-Octatriacontane (C38)	21.073	4857085	96.875 ug/ml
22) T n-Tetracontane (C40)	21.955	4815405	93.246 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 8 Sample Multiplier: 1

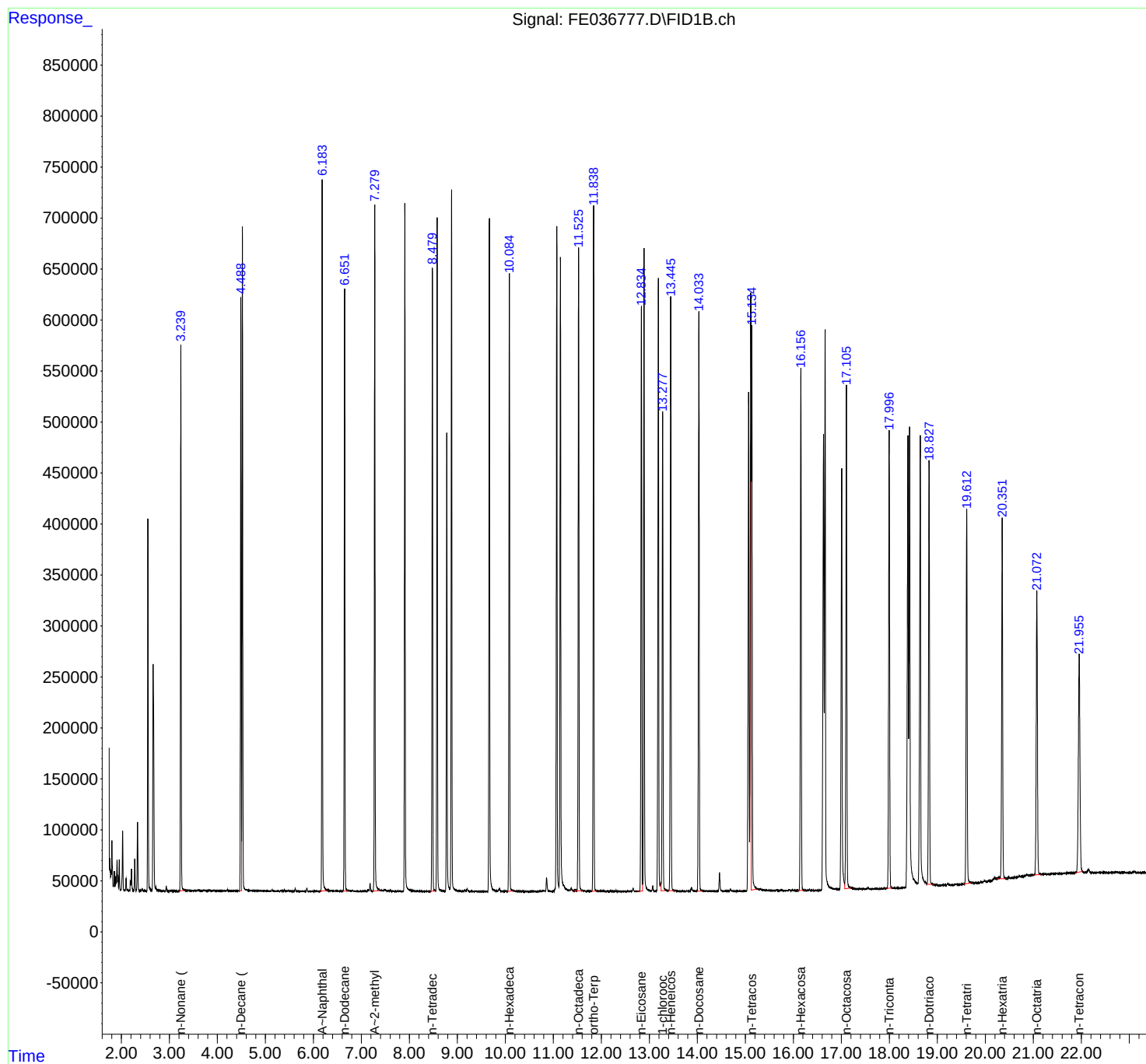
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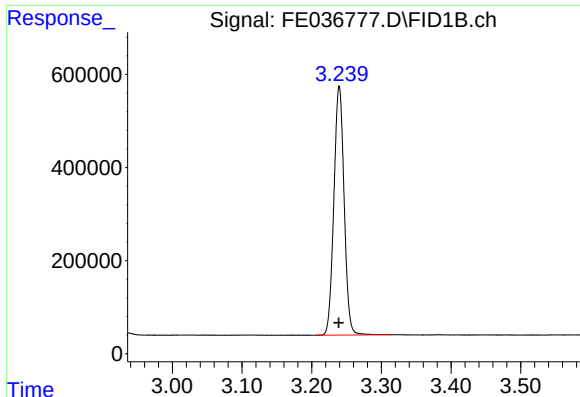
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#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 5463228
Conc: 35.44 ug/ml

Instrument :

FID_E

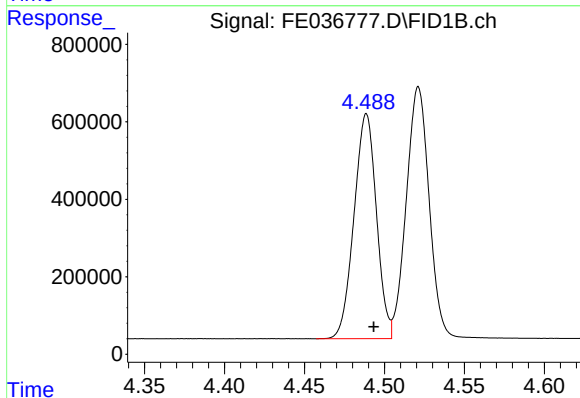
ClientSampleId :

PB146606BSD

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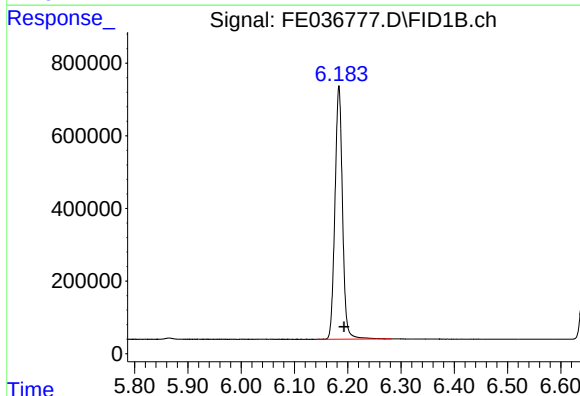
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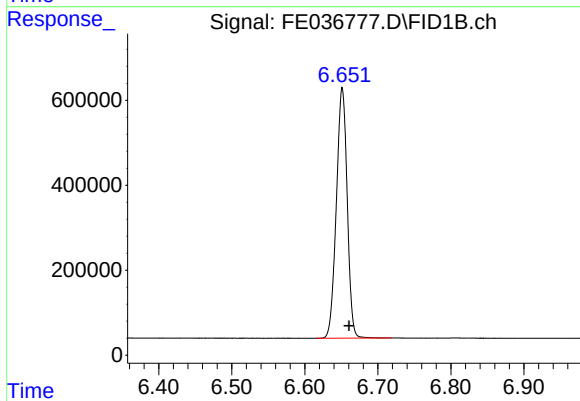
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 5667821
Conc: 36.77 ug/ml



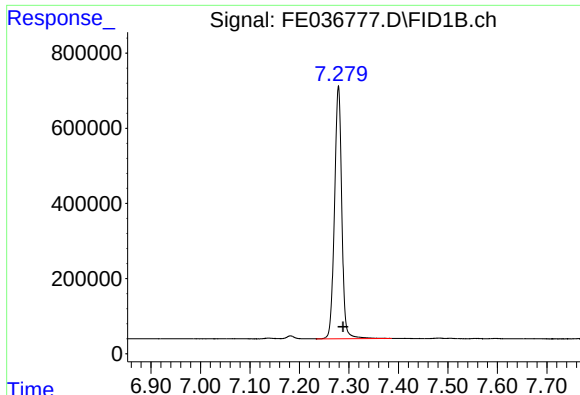
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.010 min
Response: 6867111
Conc: 40.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.009 min
Response: 6081298
Conc: 38.72 ug/ml



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

R.T.: 7.279 min
Delta R.T.: -0.009 min
Response: 6862267
Conc: 39.93 ug/ml

Instrument :

FID_E

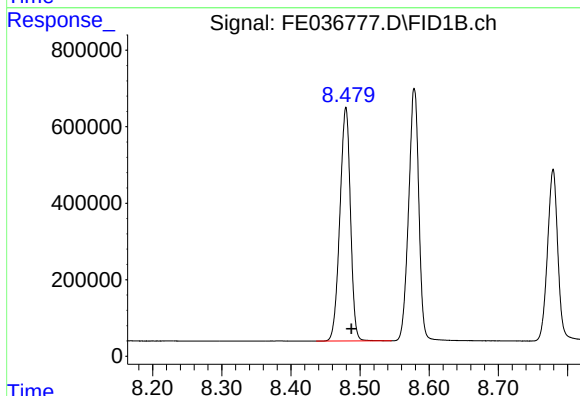
ClientSampleId :

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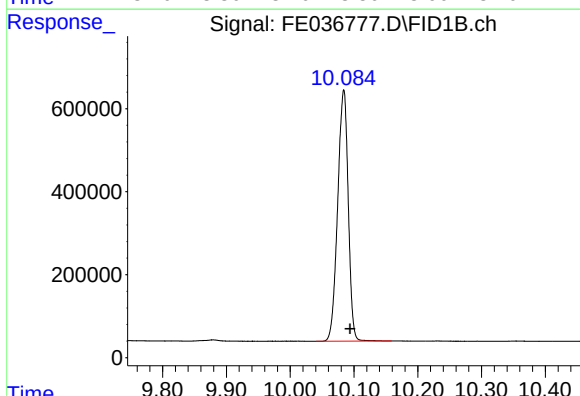
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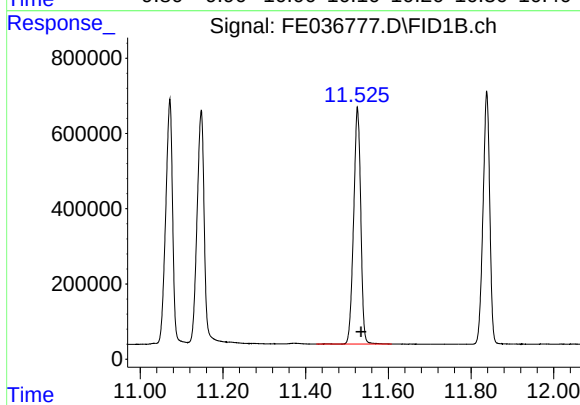
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.008 min
Response: 6484762
Conc: 39.72 ug/ml



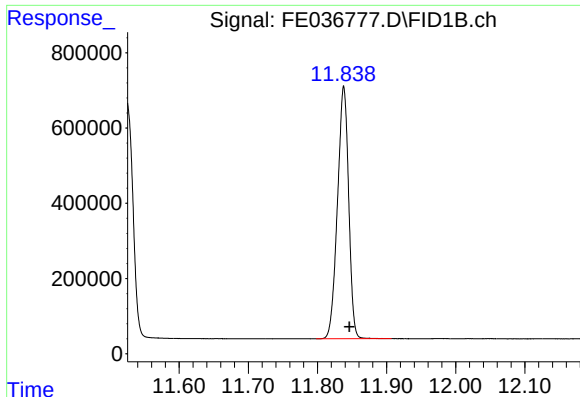
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.010 min
Response: 6966819
Conc: 42.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.009 min
Response: 7504850
Conc: 44.16 ug/ml



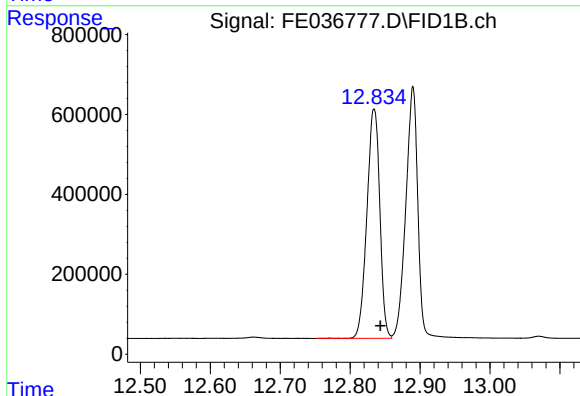
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.008 min
Response: 7544476
Conc: 40.51 ug/ml

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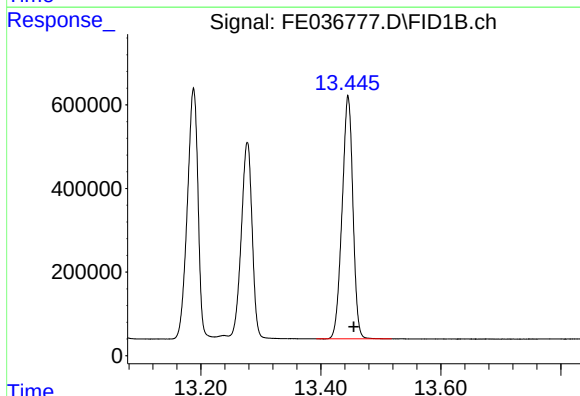
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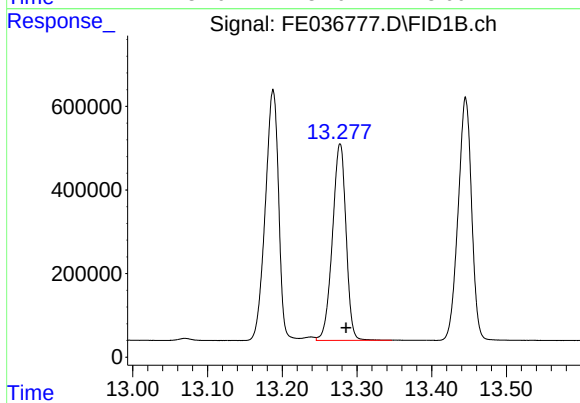
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.009 min
Response: 7353122
Conc: 43.23 ug/ml



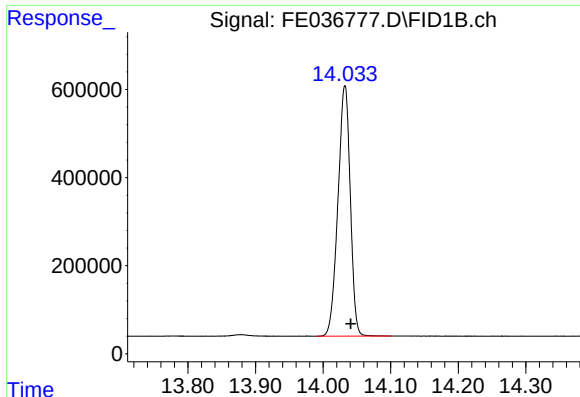
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.009 min
Response: 7274064
Conc: 42.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.008 min
Response: 5948263
Conc: 39.10 ug/ml



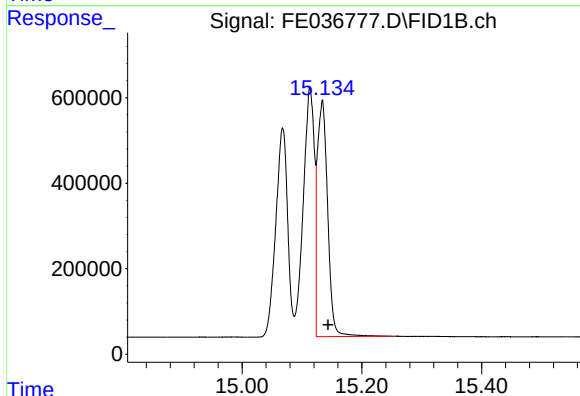
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.009 min
Response: 7218578
Conc: 42.28 ug/ml

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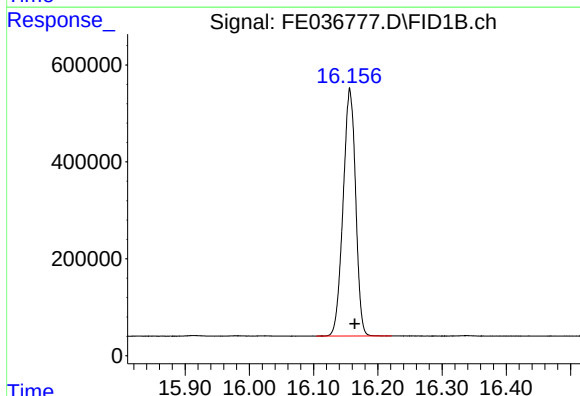
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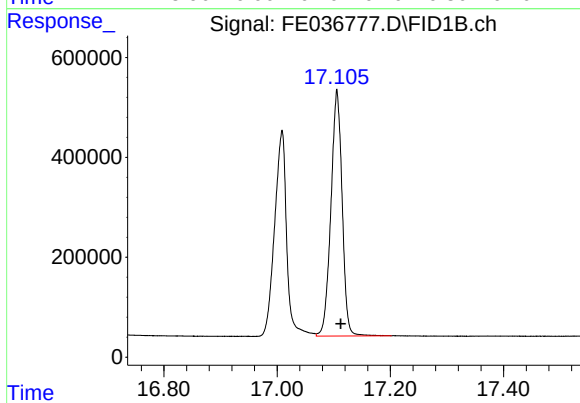
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.010 min
Response: 6622957
Conc: 38.85 ug/ml



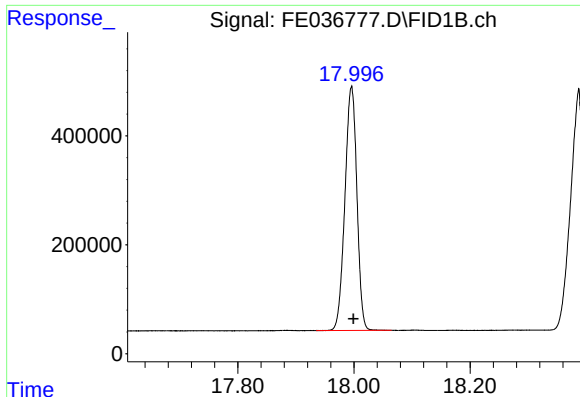
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 6911449
Conc: 41.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.006 min
Response: 6766817
Conc: 41.43 ug/ml



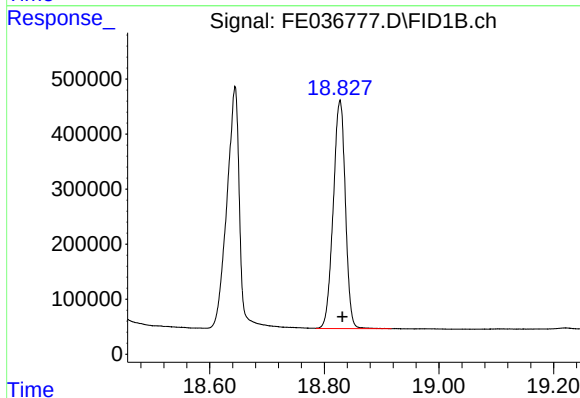
#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.003 min
Response: 6415196
Conc: 42.22 ug/ml

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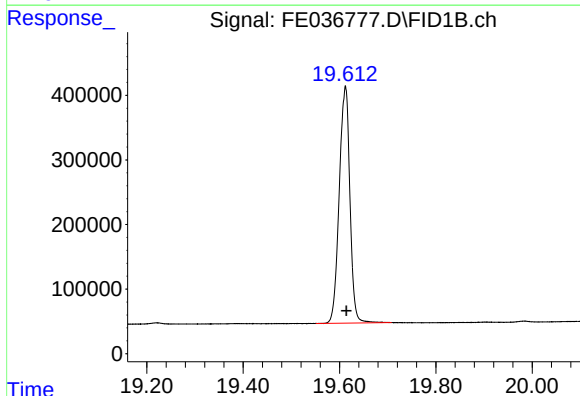
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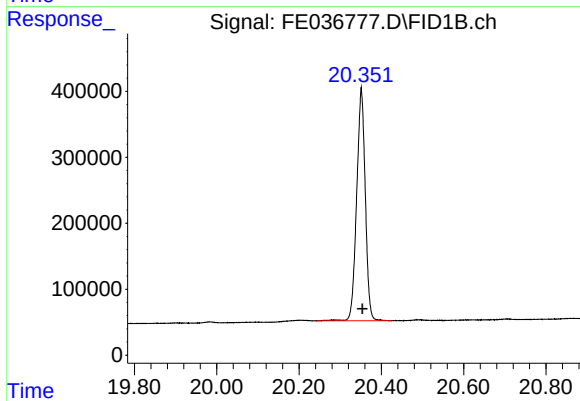
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.004 min
Response: 6104326
Conc: 50.76 ug/ml



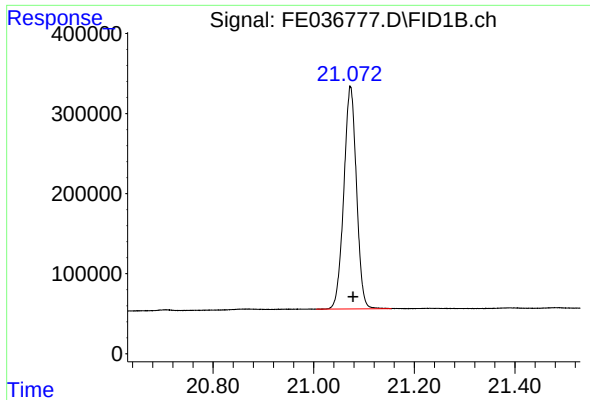
#19 n-Tetratriacontane (C34)

R.T.: 19.612 min
Delta R.T.: -0.002 min
Response: 5652690
Conc: 67.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: -0.002 min
Response: 5139434
Conc: 87.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.005 min
Response: 4857085
Conc: 96.88 ug/ml

Instrument :

FID_E

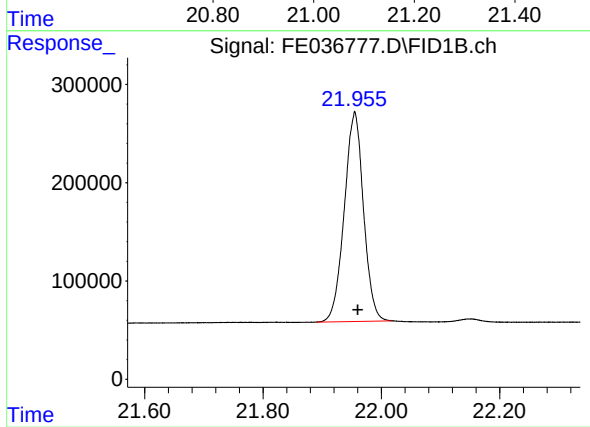
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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.006 min
Response: 4815405
Conc: 93.25 ug/ml m