

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036651.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2022 14:49
 Operator : YP\AJ
 Sample : N3786-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 0718-WC-TP-12EAMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2022
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e
 Quant Time: Jul 23 00:28:13 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			
12) S 1-chlorooctadecane (S...	13.289	4962082	32.614 ug/ml
Spiked Amount 50.000		Recovery =	65.23%
Target Compounds			
1) T n-Nonane (C9)	3.236	3808435	24.705 ug/ml
2) T n-Decane (C10)	4.491	4593544	29.800 ug/ml
4) T n-Dodecane (C12)	6.660	5499511	35.016 ug/ml
6) T n-Tetradecane (C14)	8.487	5869726	35.954 ug/ml
7) T n-Hexadecane (C16)	10.095	5967296	36.204 ug/ml
8) T n-Octadecane (C18)	11.537	6129455	36.066 ug/ml
10) T n-Eicosane (C20)	12.845	5806639	34.136 ug/ml
11) T n-Heneicosane (C21)	13.458	5701950	33.315 ug/ml
13) T n-Docosane (C22)	14.043	5613458	32.878 ug/ml
14) T n-Tetracosane (C24)	15.147	5424061	31.819 ug/ml
15) T n-Hexacosane (C26)	16.168	5217733	31.209 ug/ml
16) T n-Octacosane (C28)	17.118	5036341	30.836 ug/ml
17) T n-Tricontane (C30)	18.006	4902759	32.264 ug/ml
18) T n-Dotriacontane (C32)	18.839	4721188	39.255 ug/ml
19) T n-Tetratriacontane (C34)	19.624	4354147	52.285 ug/ml
20) T n-Hexatriacontane (C36)	20.363	4020942	68.480 ug/mlm
21) T n-Octatriacontane (C38)	21.089	3878873	77.364 ug/ml
22) T n-Tetracontane (C40)	21.974	3937331	76.243 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 15 Sample Multiplier: 1

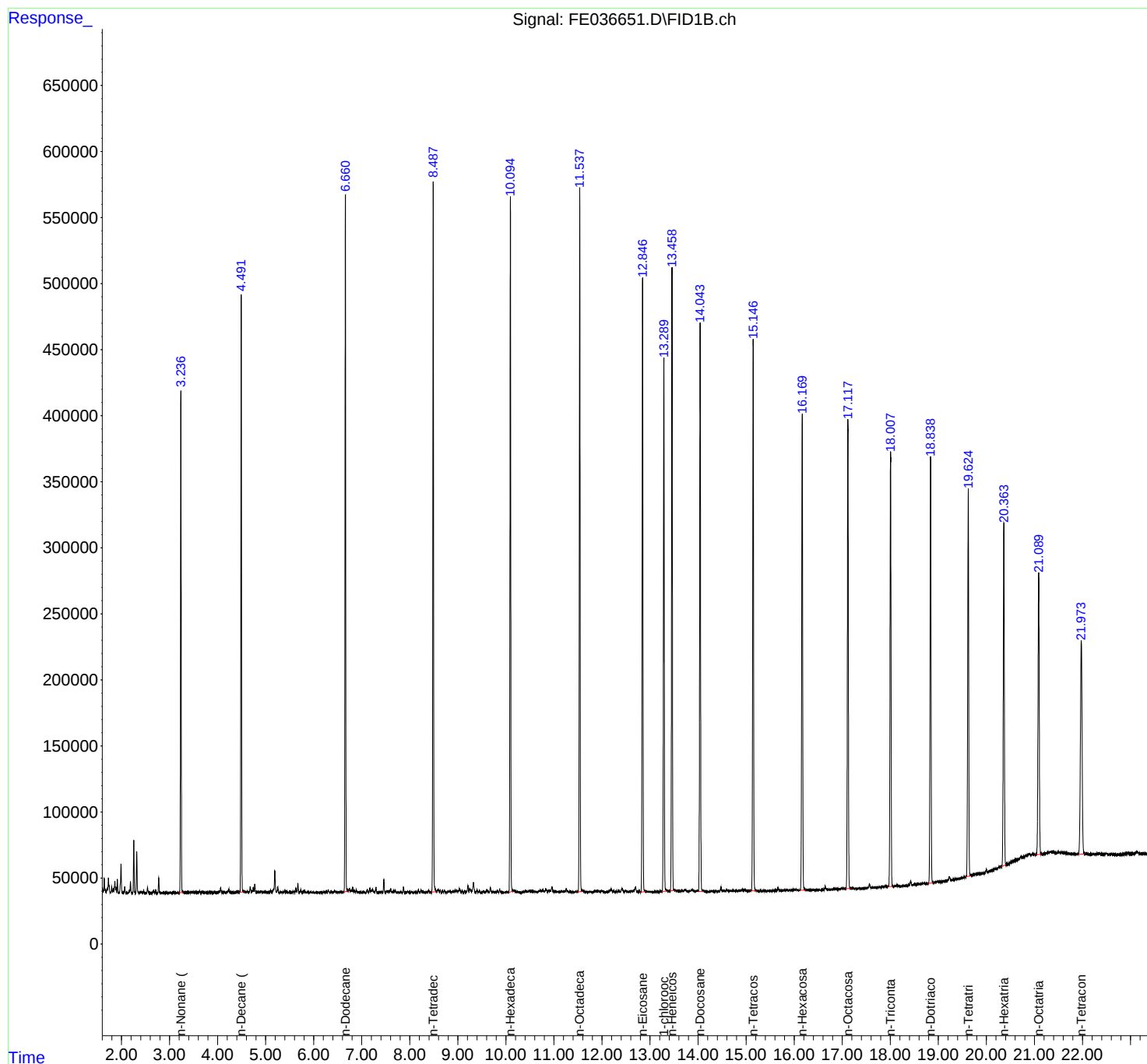
Instrument :
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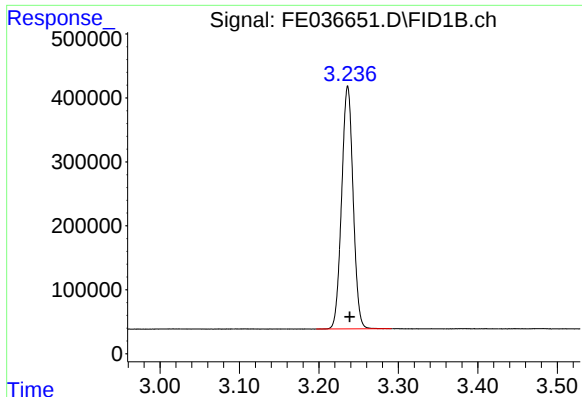
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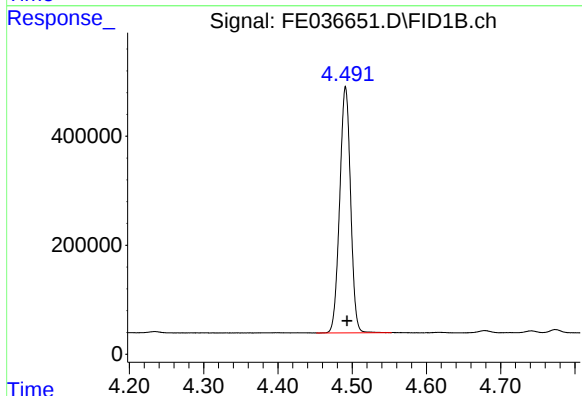
#1 n-Nonane (C9)

R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 3808435
Conc: 24.70 ug/ml

Instrument :
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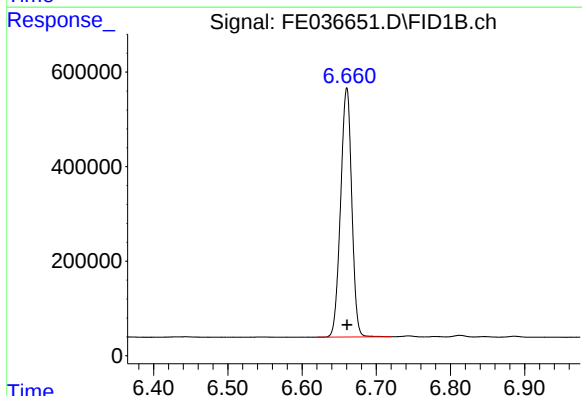
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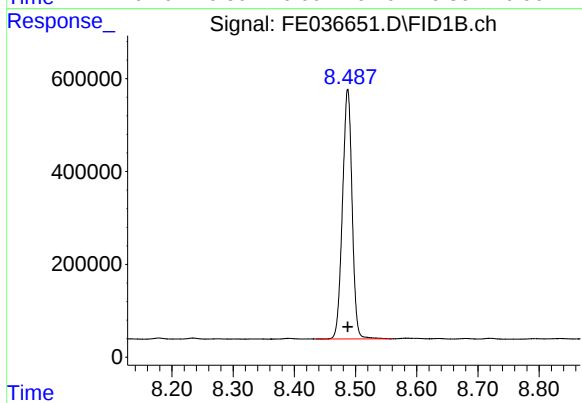
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.002 min
Response: 4593544
Conc: 29.80 ug/ml



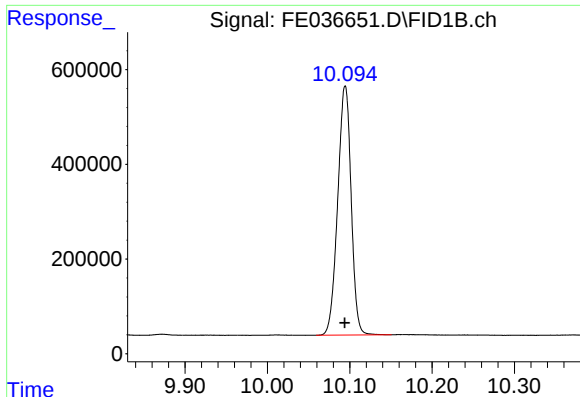
#4 n-Dodecane (C12)

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 5499511
Conc: 35.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 5869726
Conc: 35.95 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.000 min
Response: 5967296
Conc: 36.20 ug/ml

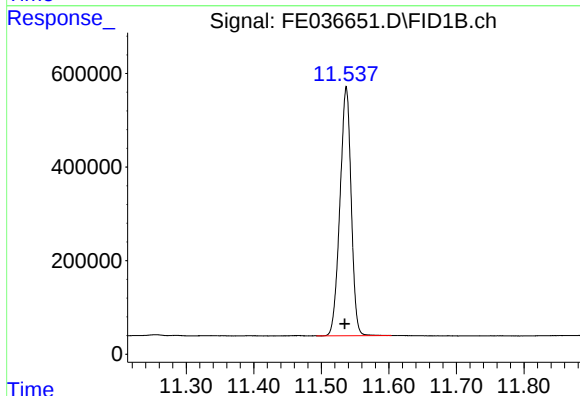
Instrument :

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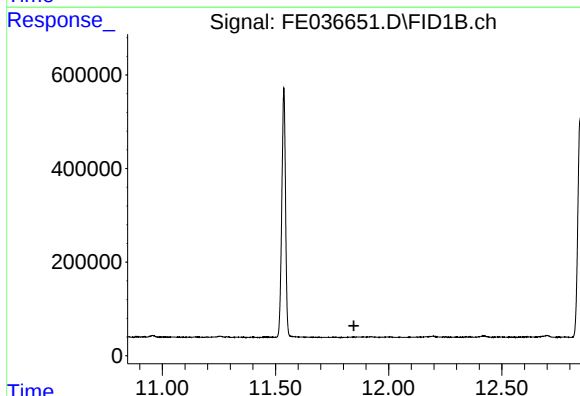
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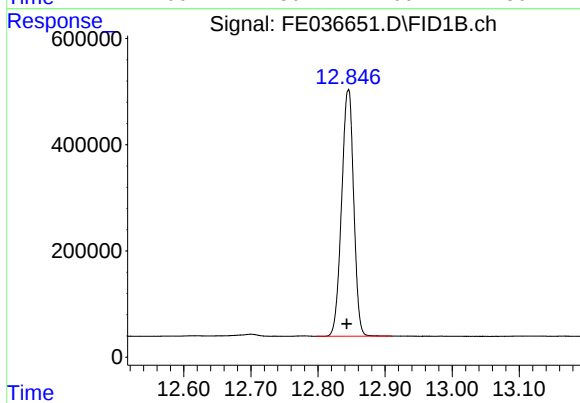
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: 0.002 min
Response: 6129455
Conc: 36.07 ug/ml



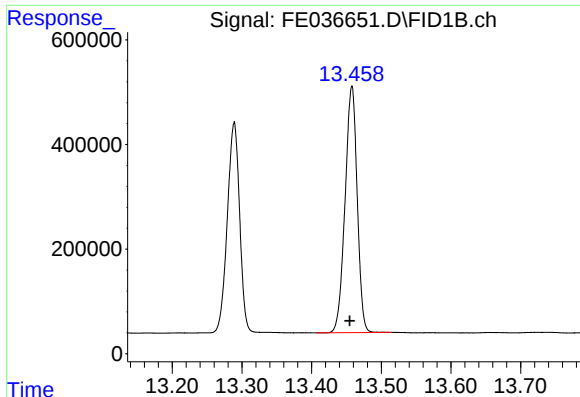
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: 0.002 min
Response: 5806639
Conc: 34.14 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: 0.003 min
Response: 5701950
Conc: 33.31 ug/ml

Instrument :

FID_E

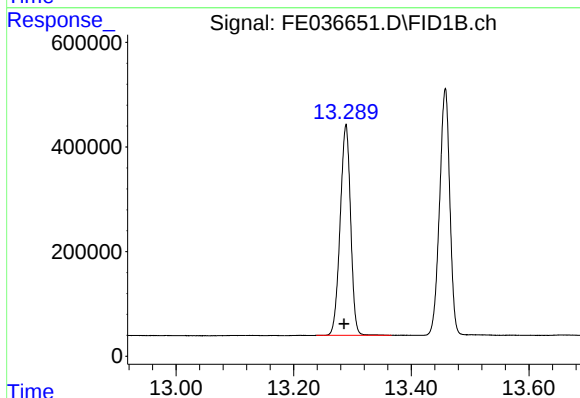
ClientSampleId :

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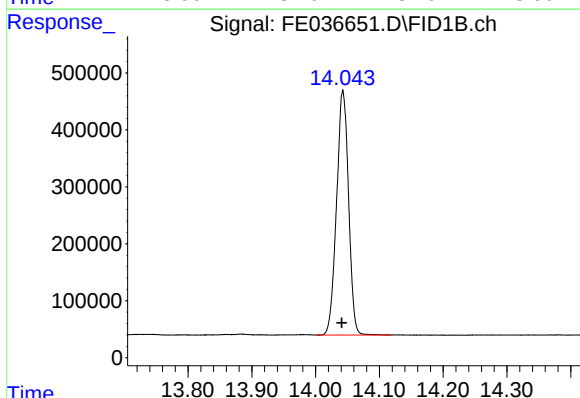
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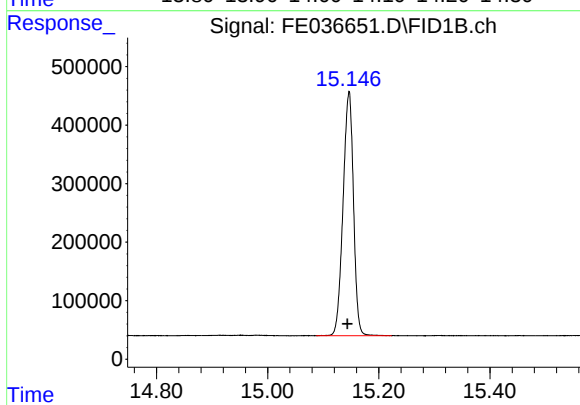
#12 1-chlorooctadecane (SURR)

R.T.: 13.289 min
Delta R.T.: 0.003 min
Response: 4962082
Conc: 32.61 ug/ml



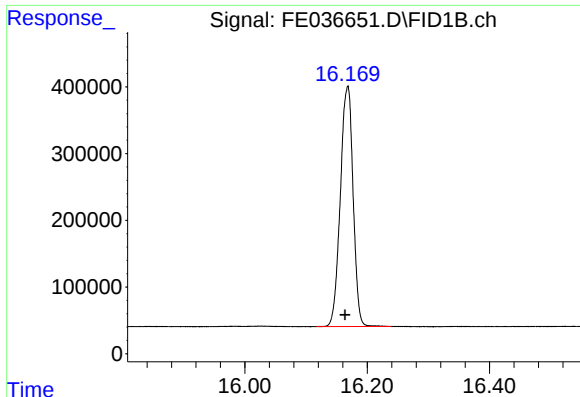
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: 0.002 min
Response: 5613458
Conc: 32.88 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: 0.003 min
Response: 5424061
Conc: 31.82 ug/ml



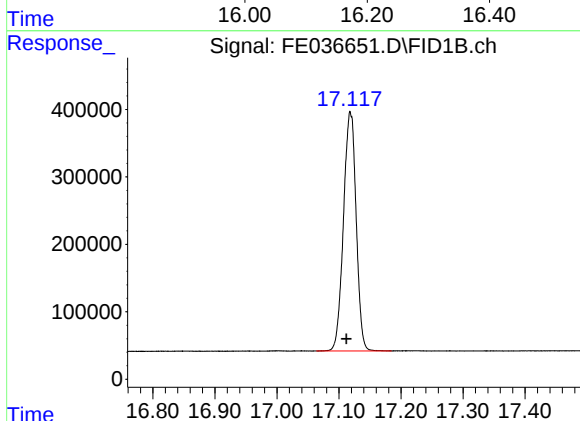
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: 0.004 min
Response: 5217733
Conc: 31.21 ug/ml

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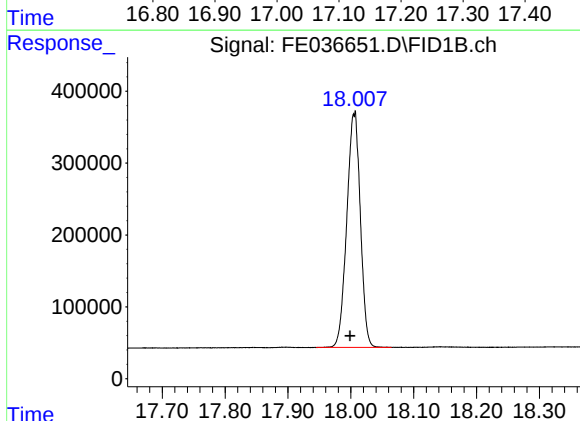
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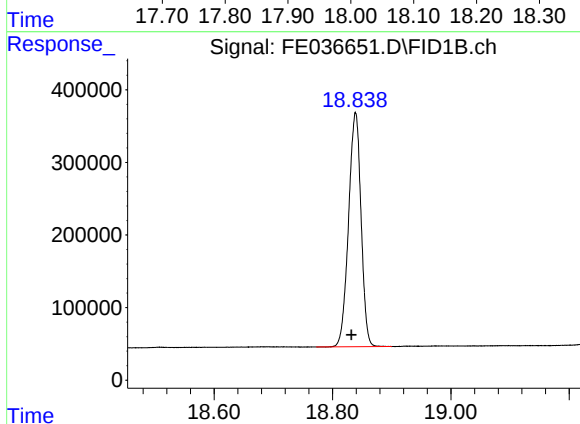
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.006 min
Response: 5036341
Conc: 30.84 ug/ml



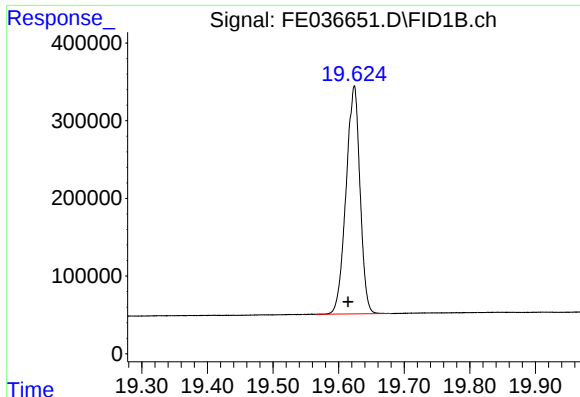
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.007 min
Response: 4902759
Conc: 32.26 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: 0.007 min
Response: 4721188
Conc: 39.26 ug/ml



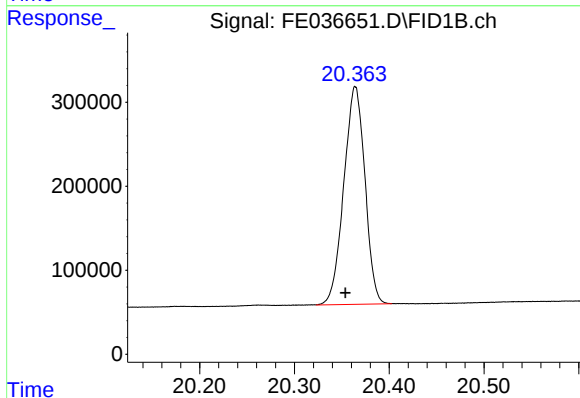
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: 0.009 min
Response: 4354147
Conc: 52.29 ug/ml

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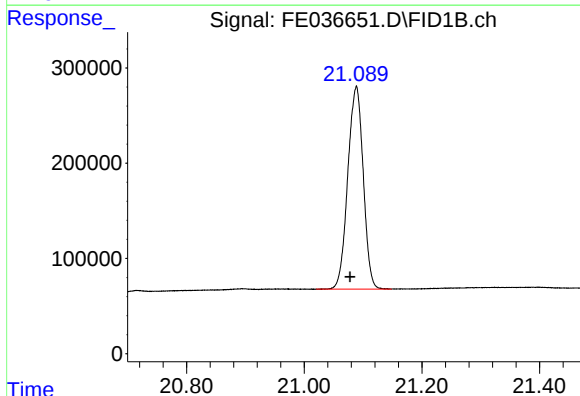
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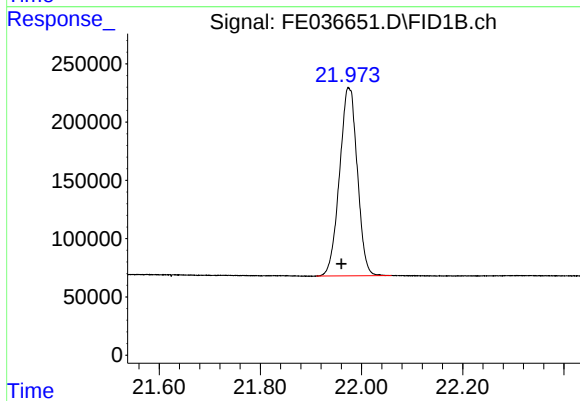
#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: 0.010 min
Response: 4020942
Conc: 68.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: 0.011 min
Response: 3878873
Conc: 77.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: 0.014 min
Response: 3937331
Conc: 76.24 ug/ml