

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036590.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 10:30
 Operator : YP\AJ
 Sample : PB146275BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146275BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e
 Quant Time: Jul 20 10:54:53 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...	13.296	7336624	48.221 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
Target Compounds			
1) T n-Nonane (C9)	3.239	3044792	19.751 ug/ml
2) T n-Decane (C10)	4.494	3650387	23.681 ug/ml
4) T n-Dodecane (C12)	6.664	4418877	28.135 ug/ml
6) T n-Tetradecane (C14)	8.491	4797643	29.387 ug/ml
7) T n-Hexadecane (C16)	10.099	5303372	32.176 ug/ml
8) T n-Octadecane (C18)	11.542	5726111	33.693 ug/ml
10) T n-Eicosane (C20)	12.852	5579488	32.801 ug/ml
11) T n-Heneicosane (C21)	13.463	5511791	32.204 ug/ml
13) T n-Docosane (C22)	14.050	5480598	32.100 ug/ml
14) T n-Tetracosane (C24)	15.152	5400454	31.681 ug/ml
15) T n-Hexacosane (C26)	16.175	5287106	31.624 ug/ml
16) T n-Octacosane (C28)	17.126	5158604	31.585 ug/ml
17) T n-Tricontane (C30)	18.015	4992688	32.855 ug/ml
18) T n-Dotriacontane (C32)	18.846	4781799	39.759 ug/ml
19) T n-Tetratriacontane (C34)	19.630	4362296	52.383 ug/mlm
20) T n-Hexatriacontane (C36)	20.372	4003480	68.183 ug/mlm
21) T n-Octatriacontane (C38)	21.096	3857711	76.942 ug/mlm
22) T n-Tetracontane (C40)	21.987	3935263	76.203 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB146275BS
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ALS Vial : 3 Sample Multiplier: 1

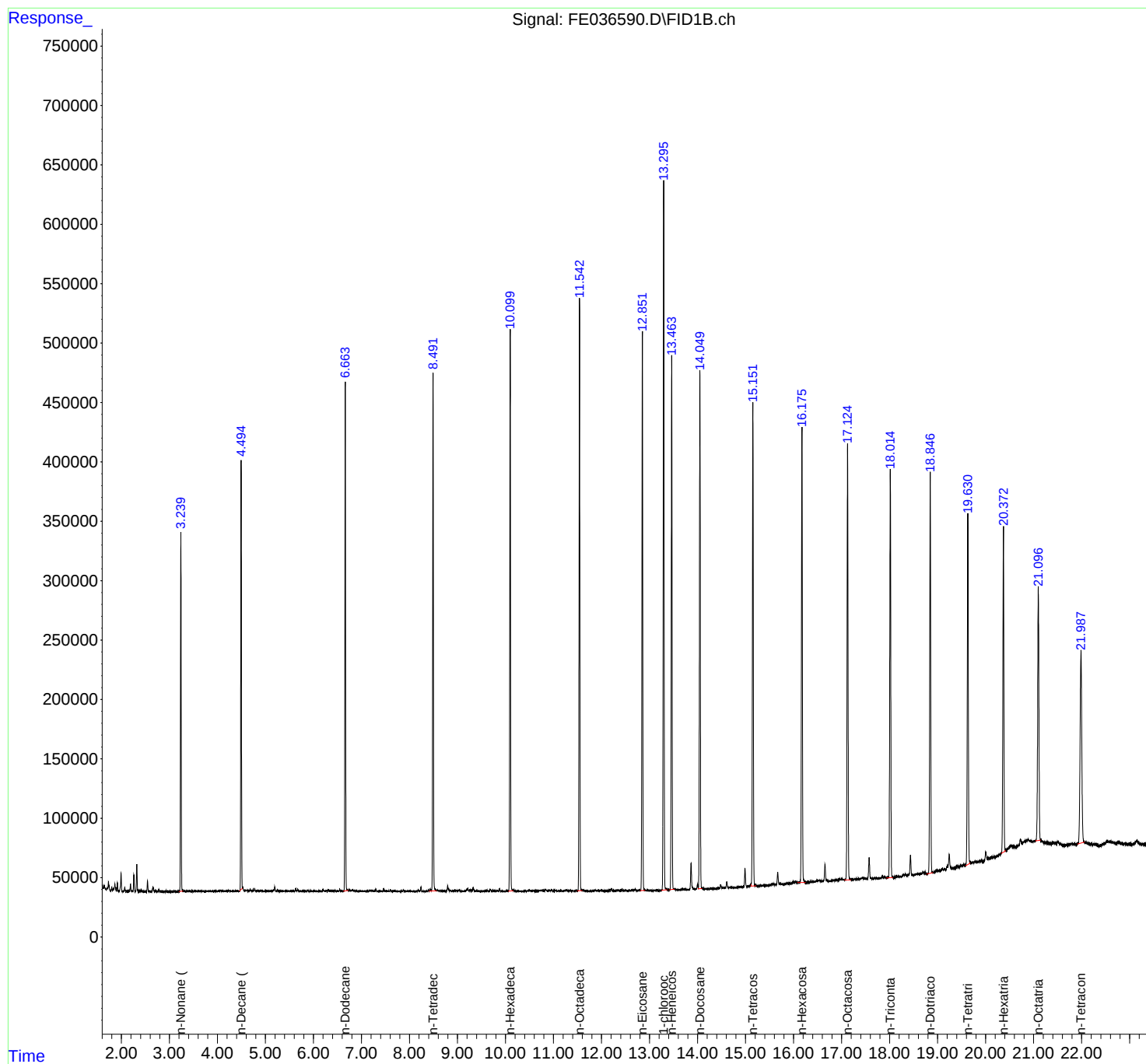
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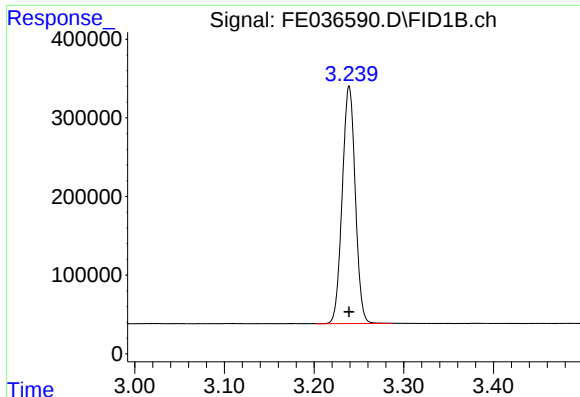
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 3044792
Conc: 19.75 ug/ml

Instrument :

FID_E

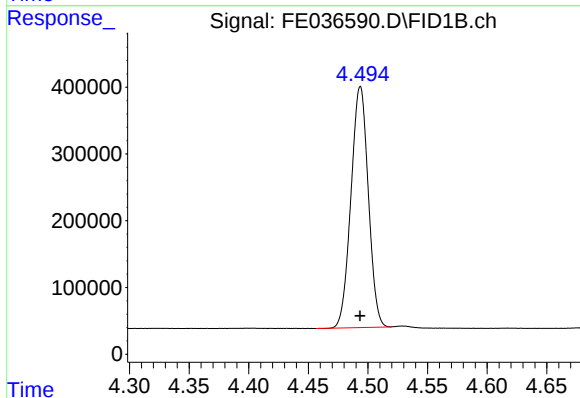
ClientSampleId :

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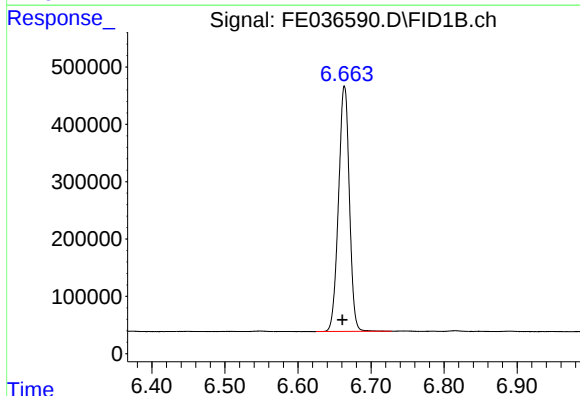
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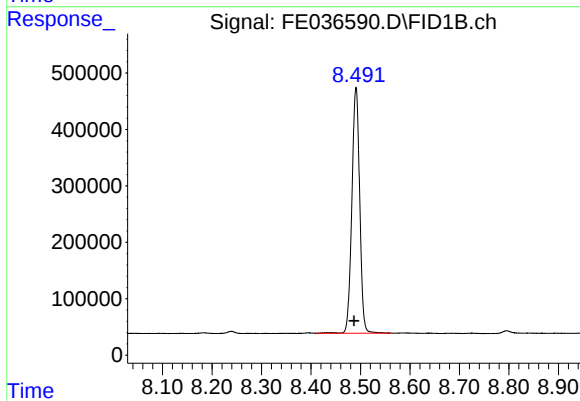
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 3650387
Conc: 23.68 ug/ml



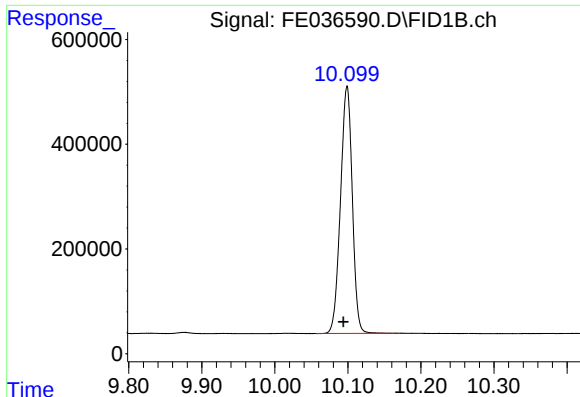
#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 4418877
Conc: 28.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: 0.004 min
Response: 4797643
Conc: 29.39 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: 0.005 min
Response: 5303372
Conc: 32.18 ug/ml

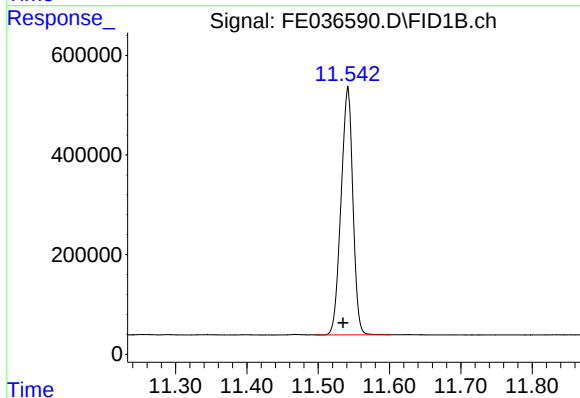
Instrument :

FID_E

ClientSampleId :
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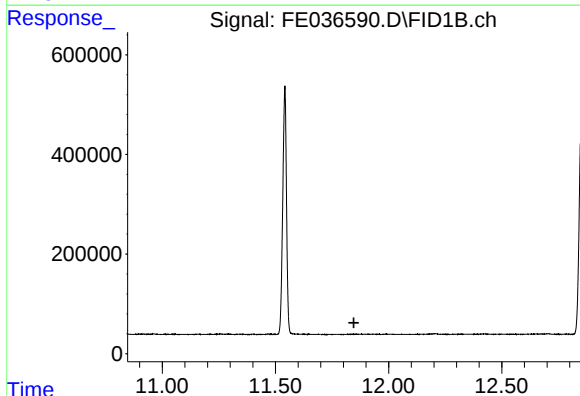
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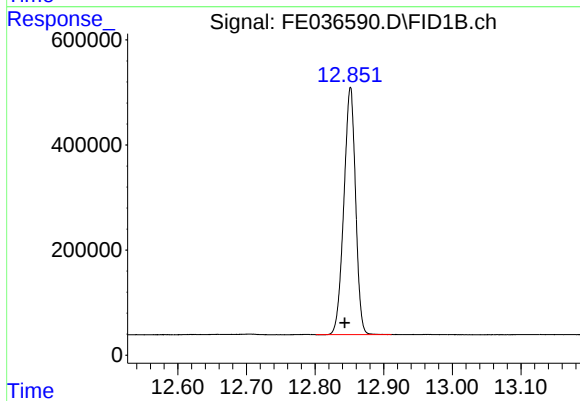
#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: 0.007 min
Response: 5726111
Conc: 33.69 ug/ml



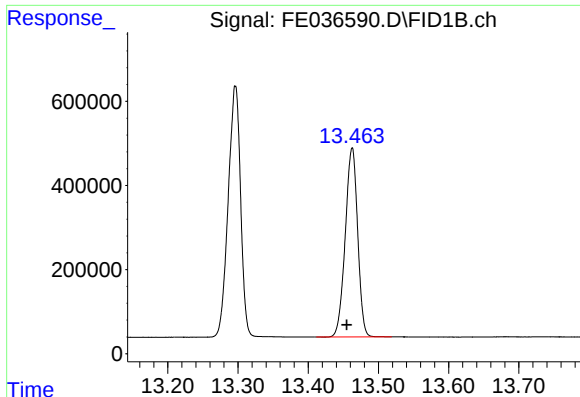
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.008 min
Response: 5579488
Conc: 32.80 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.008 min
Response: 5511791
Conc: 32.20 ug/ml

Instrument :

FID_E

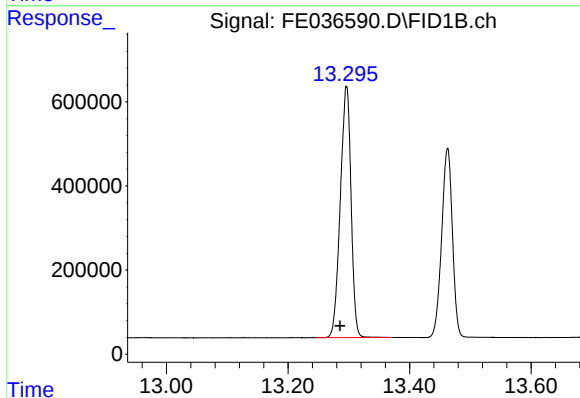
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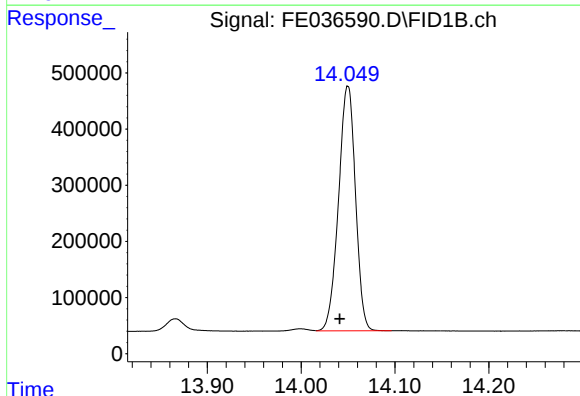
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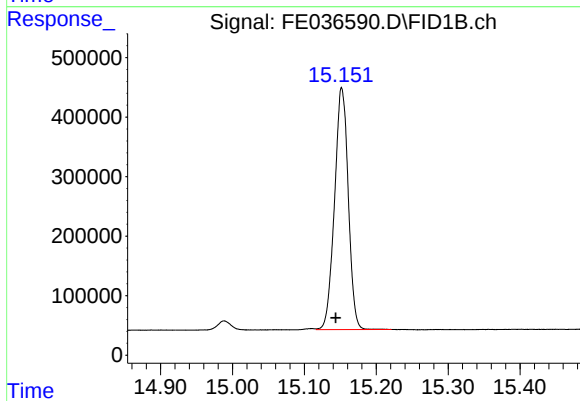
#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: 0.011 min
Response: 7336624
Conc: 48.22 ug/ml



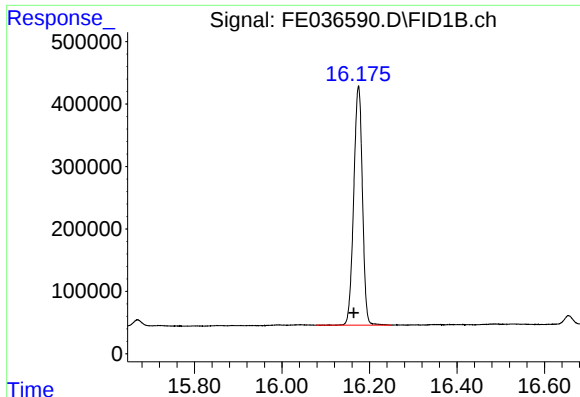
#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.009 min
Response: 5480598
Conc: 32.10 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: 0.008 min
Response: 5400454
Conc: 31.68 ug/ml



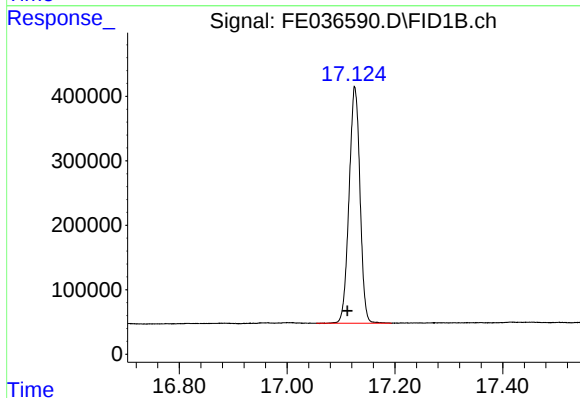
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: 0.011 min
Response: 5287106
Conc: 31.62 ug/ml

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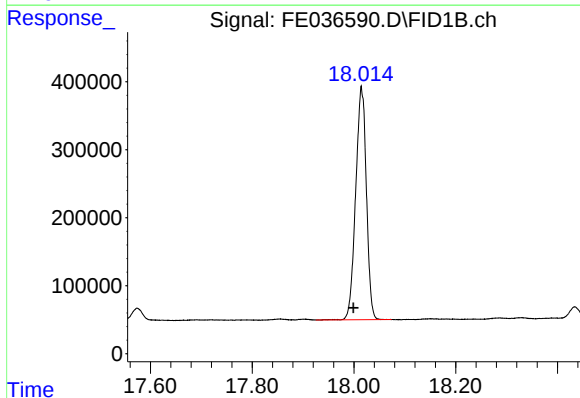
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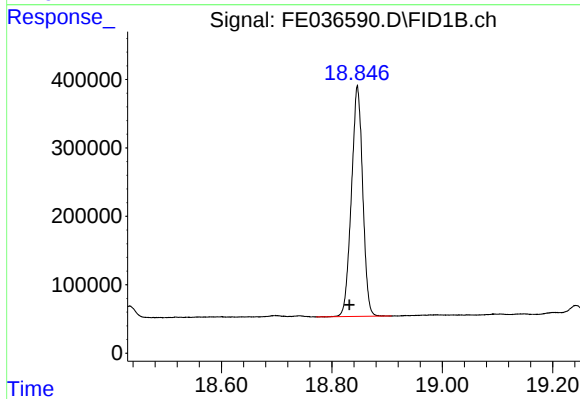
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: 0.014 min
Response: 5158604
Conc: 31.58 ug/ml



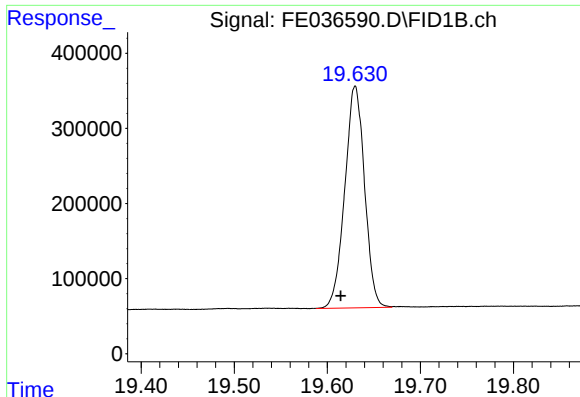
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: 0.016 min
Response: 4992688
Conc: 32.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: 0.014 min
Response: 4781799
Conc: 39.76 ug/ml



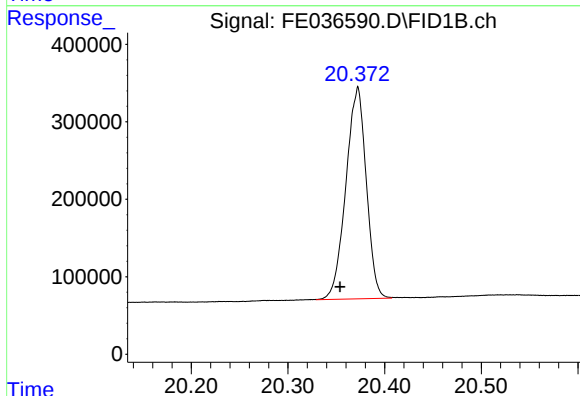
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.015 min
Response: 4362296
Conc: 52.38 ug/ml

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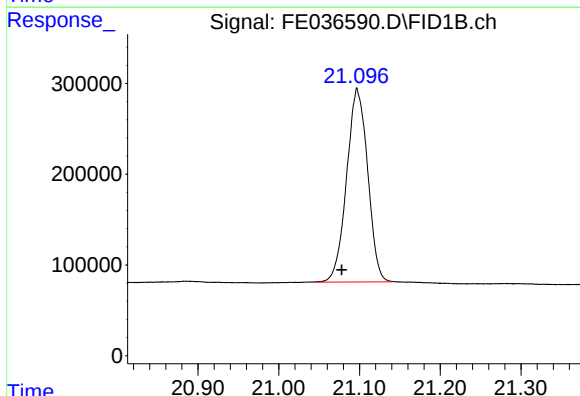
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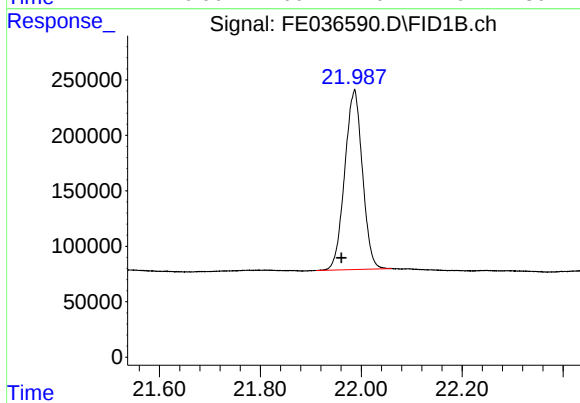
#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: 0.018 min
Response: 4003480
Conc: 68.18 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: 0.018 min
Response: 3857711
Conc: 76.94 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: 0.027 min
Response: 3935263
Conc: 76.20 ug/ml