

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072222AL\
 Data File : FE036652.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2022 15:20
 Operator : YP\AJ
 Sample : N3786-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

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 00:28:29 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...	13.288	4216459	27.713 ug/ml
Spiked Amount 50.000		Recovery =	55.43%
Target Compounds			
1) T n-Nonane (C9)	3.237	3806649	24.693 ug/ml
2) T n-Decane (C10)	4.492	4595609	29.813 ug/ml
4) T n-Dodecane (C12)	6.661	5506866	35.063 ug/ml
6) T n-Tetradecane (C14)	8.488	5874733	35.985 ug/ml
7) T n-Hexadecane (C16)	10.095	5990712	36.346 ug/ml
8) T n-Octadecane (C18)	11.536	6171700	36.315 ug/ml
10) T n-Eicosane (C20)	12.846	5855057	34.421 ug/ml
11) T n-Heneicosane (C21)	13.458	5761642	33.664 ug/ml
13) T n-Docosane (C22)	14.043	5680386	33.270 ug/ml
14) T n-Tetracosane (C24)	15.146	5506111	32.301 ug/ml
15) T n-Hexacosane (C26)	16.168	5292495	31.656 ug/ml
16) T n-Octacosane (C28)	17.118	5101443	31.235 ug/ml
17) T n-Tricontane (C30)	18.006	4954335	32.603 ug/ml
18) T n-Dotriacontane (C32)	18.838	4763714	39.609 ug/ml
19) T n-Tetratriacontane (C34)	19.623	4370791	52.485 ug/ml
20) T n-Hexatriacontane (C36)	20.362	4041188	68.825 ug/mlm
21) T n-Octatriacontane (C38)	21.088	3876397	77.315 ug/ml
22) T n-Tetracontane (C40)	21.972	3913108	75.774 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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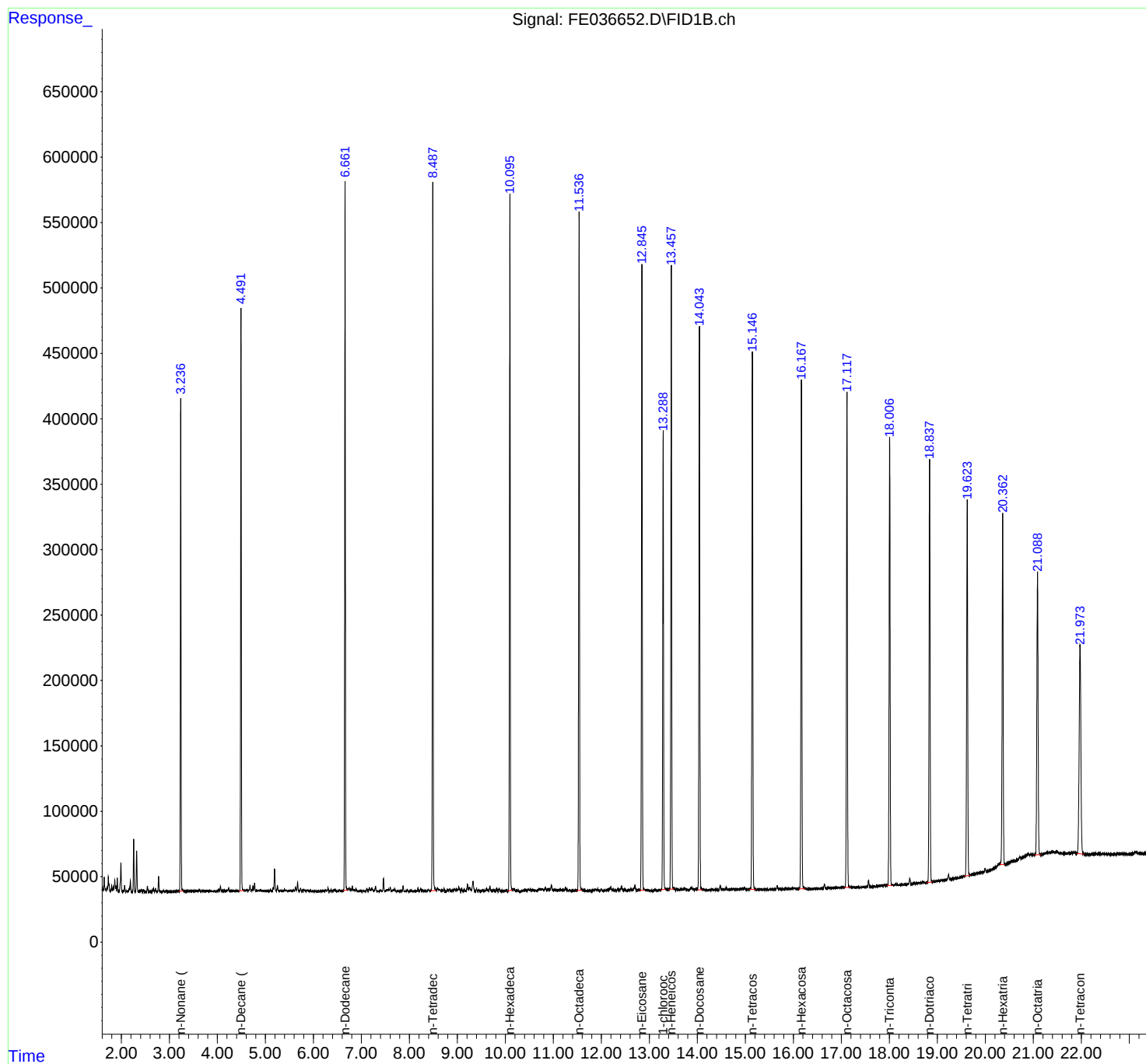
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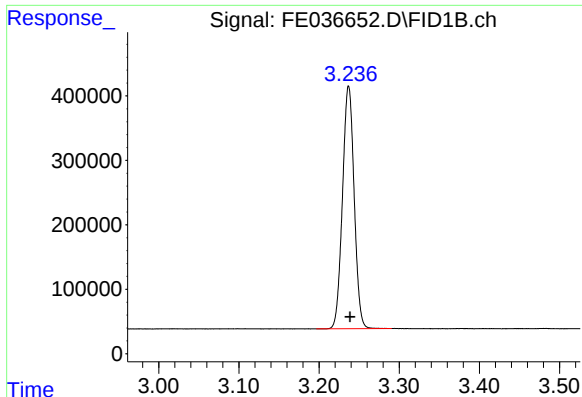
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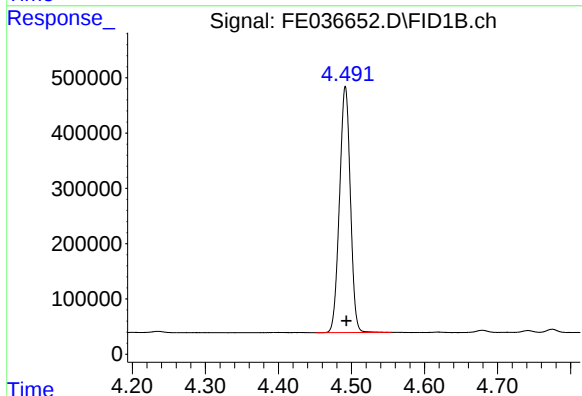
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 3806649
Conc: 24.69 ug/ml

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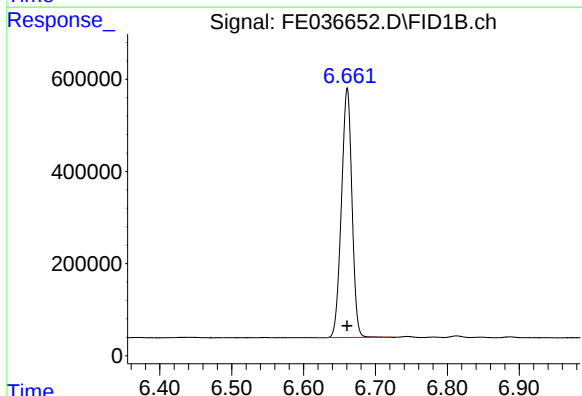
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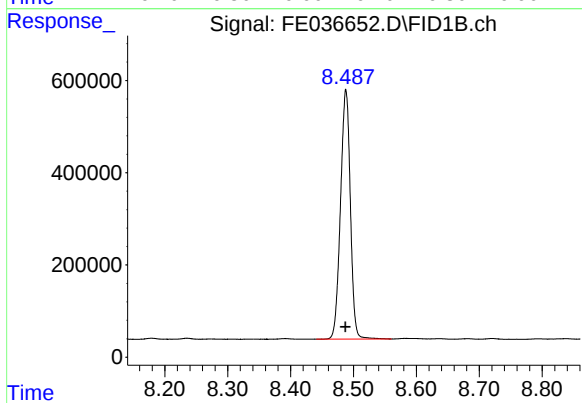
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 4595609
Conc: 29.81 ug/ml



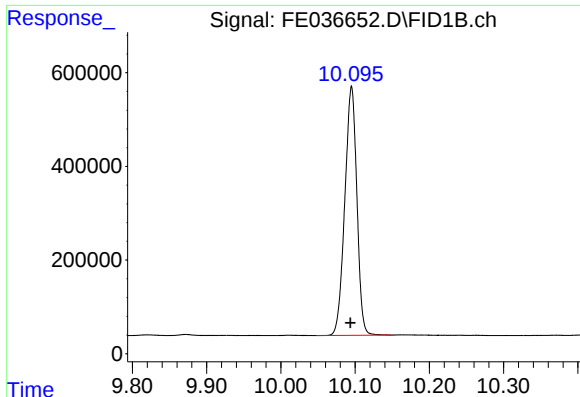
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 5506866
Conc: 35.06 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 5874733
Conc: 35.98 ug/ml



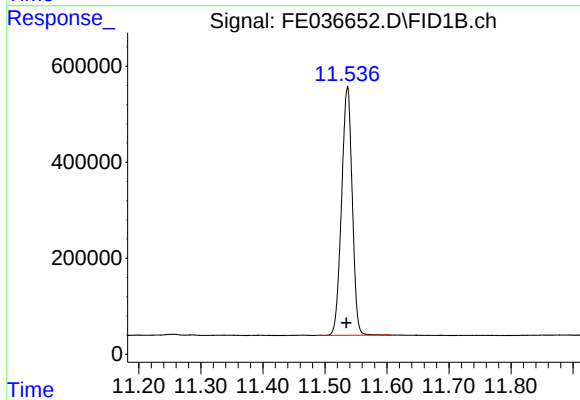
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.001 min
Response: 5990712
Conc: 36.35 ug/ml

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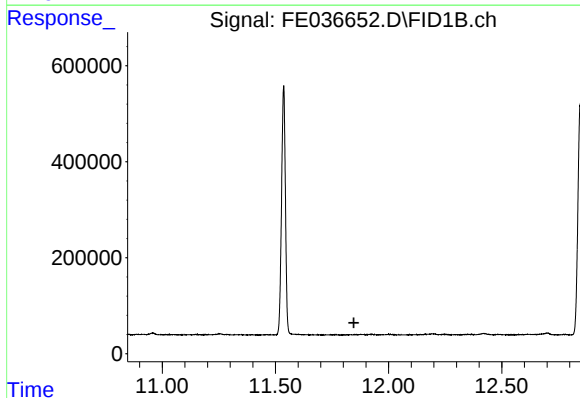
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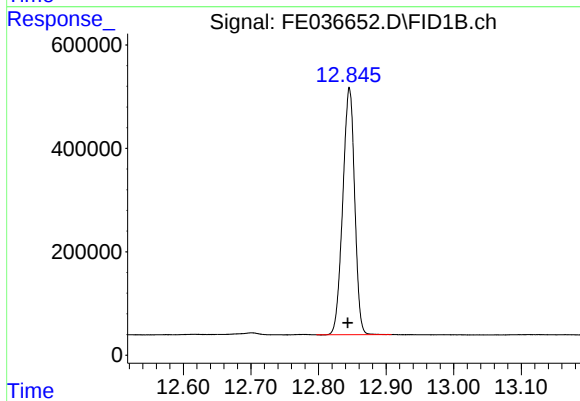
#8 n-Octadecane (C18)

R.T.: 11.536 min
Delta R.T.: 0.002 min
Response: 6171700
Conc: 36.31 ug/ml



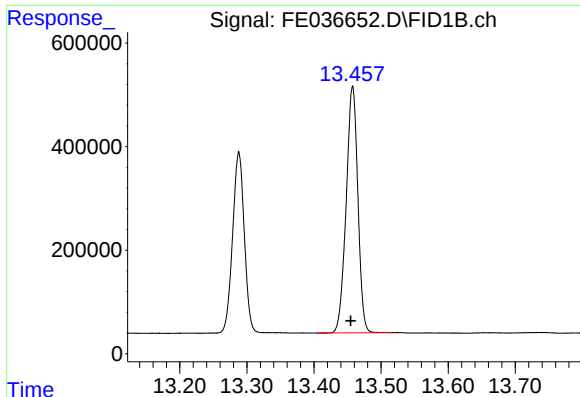
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: 0.003 min
Response: 5855057
Conc: 34.42 ug/ml



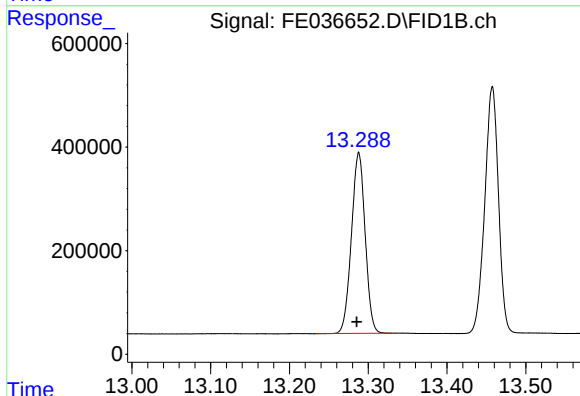
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: 0.003 min
Response: 5761642
Conc: 33.66 ug/ml

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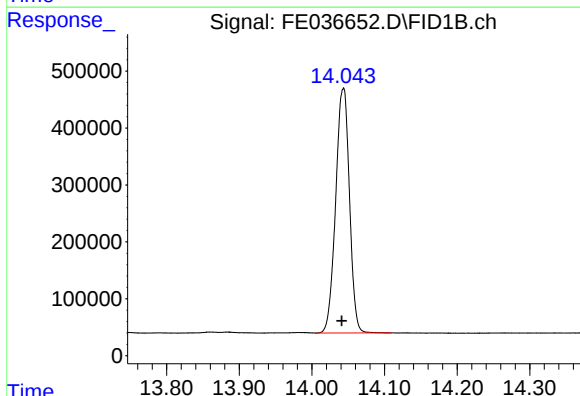
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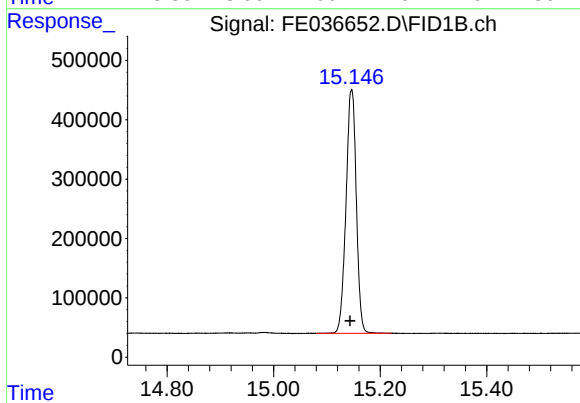
#12 1-chlorooctadecane (SURR)

R.T.: 13.288 min
Delta R.T.: 0.003 min
Response: 4216459
Conc: 27.71 ug/ml



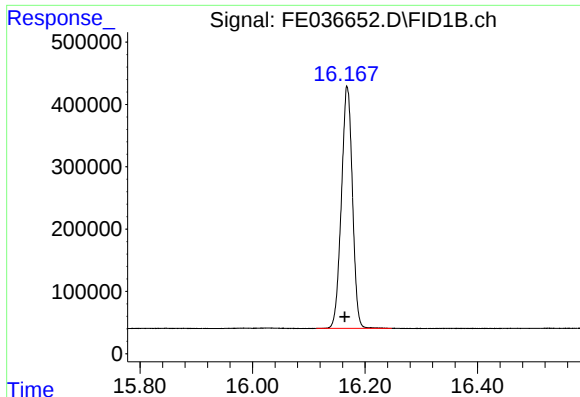
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: 0.002 min
Response: 5680386
Conc: 33.27 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: 0.003 min
Response: 5506111
Conc: 32.30 ug/ml



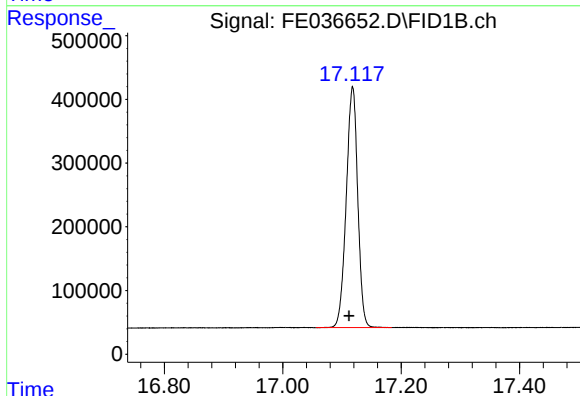
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: 0.004 min
Response: 5292495
Conc: 31.66 ug/ml

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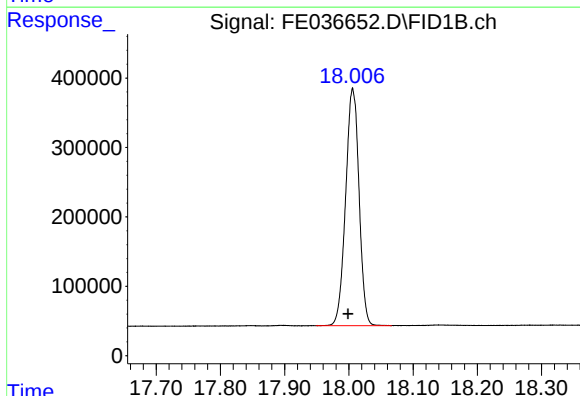
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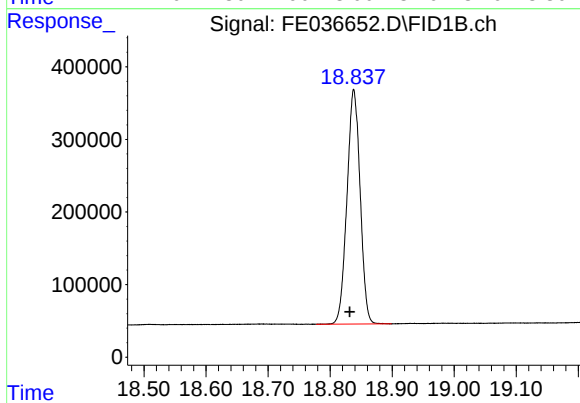
#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.006 min
Response: 5101443
Conc: 31.23 ug/ml



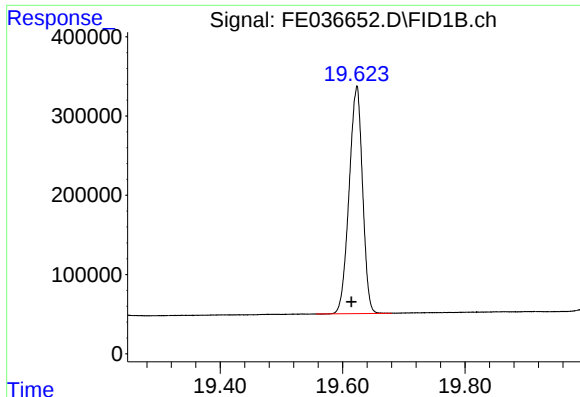
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.007 min
Response: 4954335
Conc: 32.60 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: 0.006 min
Response: 4763714
Conc: 39.61 ug/ml



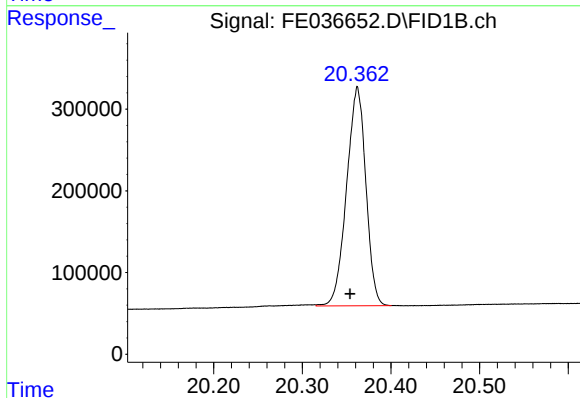
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: 0.009 min
Response: 4370791
Conc: 52.49 ug/ml

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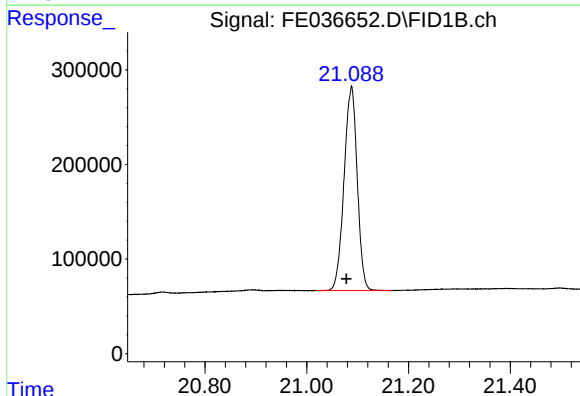
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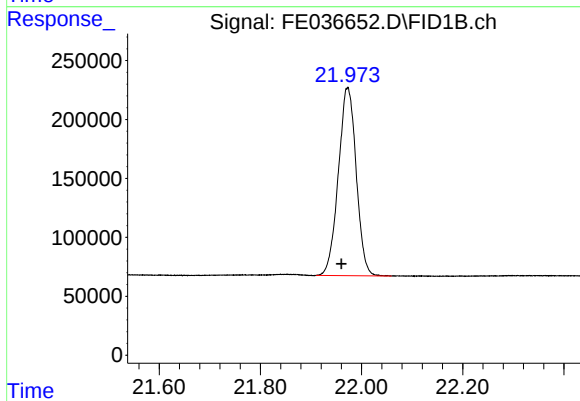
#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: 0.008 min
Response: 4041188
Conc: 68.82 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.010 min
Response: 3876397
Conc: 77.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.012 min
Response: 3913108
Conc: 75.77 ug/ml