

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020823AL\
 Data File : FE040263.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2023 18:05
 Operator : YP\AJ
 Sample : 01466-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 A-2MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/09/2023
 Supervised By :Sohil Jodhani 02/09/2023

Integration File: autoint1.e
 Quant Time: Feb 09 02:36:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.894	3822683	23.617 ug/ml
Spiked Amount 50.000		Recovery =	47.23%
12) S 1-chlorooctadecane (S...	13.332	3115281	25.119 ug/ml
Spiked Amount 50.000		Recovery =	50.24%
Target Compounds			
1) T n-Nonane (C9)	3.292	3732446	27.424 ug/ml
2) T n-Decane (C10)	4.541	4075253	30.671 ug/ml
3) T A~Naphthalene (C11.7)	6.241	4505516	30.785 ug/ml
4) T n-Dodecane (C12)	6.703	4383094	32.555 ug/ml
5) T A~2-methylnaphthalene...	7.335	4407056	32.559 ug/ml
6) T n-Tetradecane (C14)	8.530	4617556	33.505 ug/ml
7) T n-Hexadecane (C16)	10.137	5181572	36.104 ug/ml
8) T n-Octadecane (C18)	11.579	5540371	37.245 ug/ml
10) T n-Eicosane (C20)	12.889	5527841	37.600 ug/ml
11) T n-Heneicosane (C21)	13.501	5405058	36.646 ug/ml
13) T n-Docosane (C22)	14.088	5470163	36.918 ug/ml
14) T n-Tetracosane (C24)	15.188	9825979	64.729 ug/ml
15) T n-Hexacosane (C26)	16.213	5245586	35.384 ug/ml
16) T n-Octacosane (C28)	17.164	5075737	33.869 ug/ml
17) T n-Tricontane (C30)	18.052	4937915	33.466 ug/ml
18) T n-Dotriacontane (C32)	18.883	5039857	34.411 ug/ml
19) T n-Tetratriacontane (C34)	19.668	4615143	33.554 ug/ml
20) T n-Hexatriacontane (C36)	20.409	4333130	32.668 ug/ml
21) T n-Octatriacontane (C38)	21.141	4190937	32.305 ug/ml
22) T n-Tetracontane (C40)	22.038	4045797	30.472 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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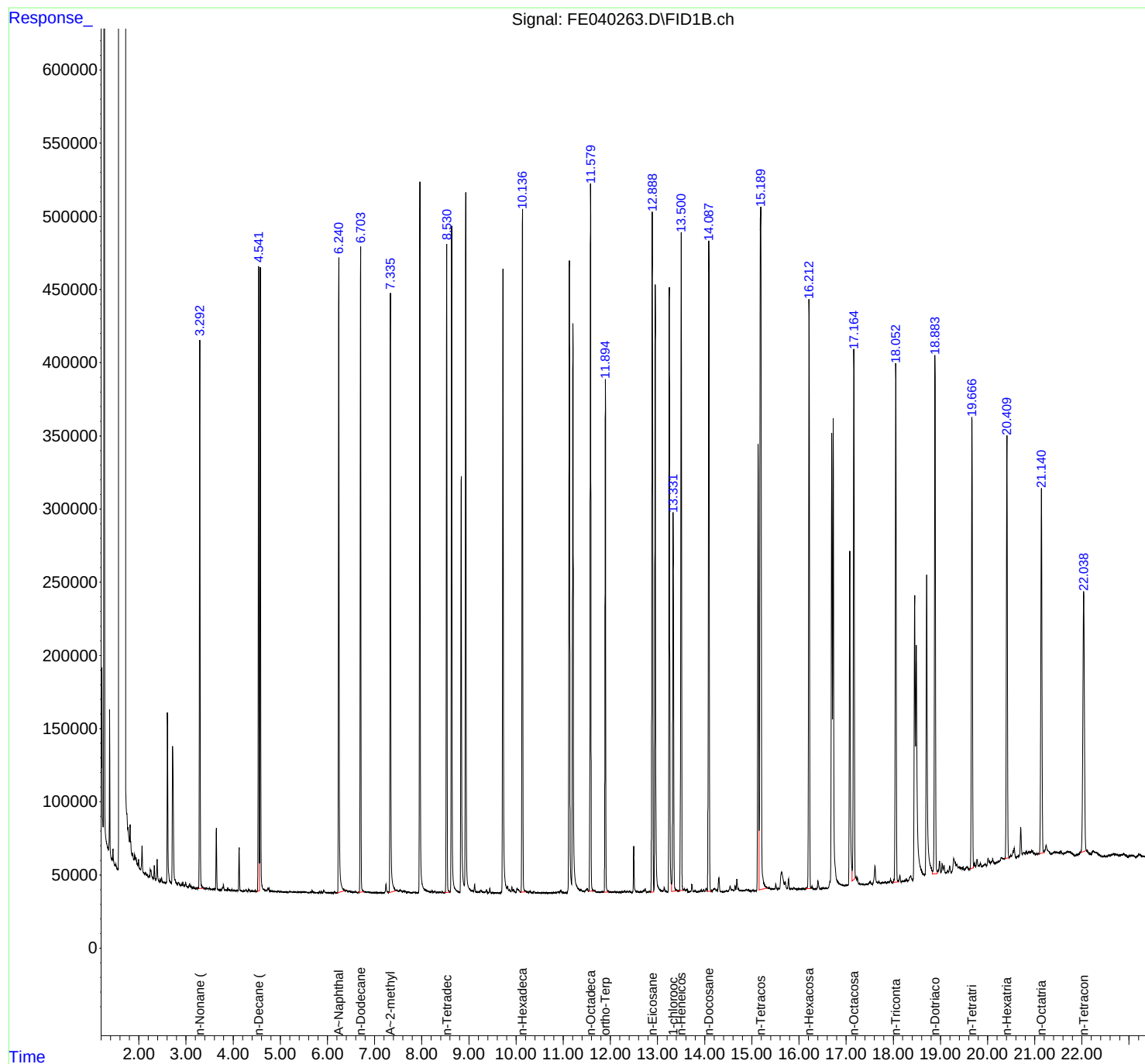
Instrument :
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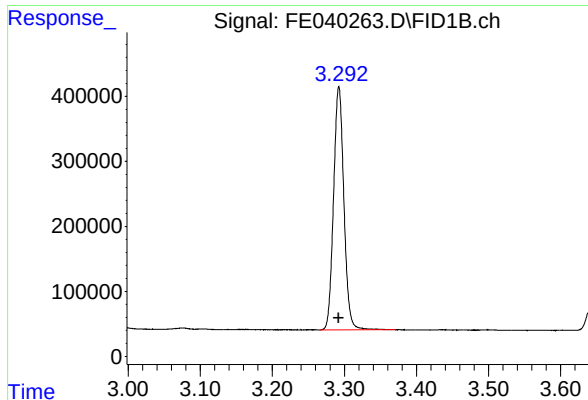
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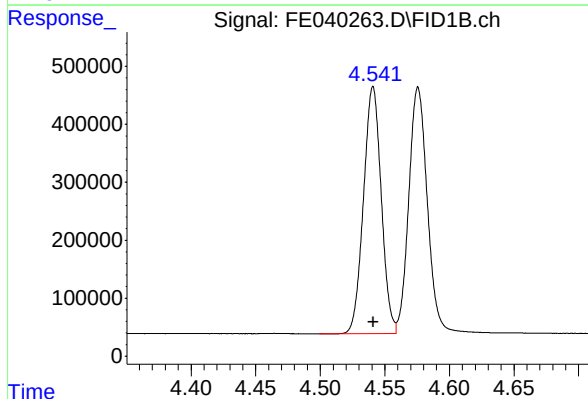
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 3732446
Conc: 27.42 ug/ml

Instrument :
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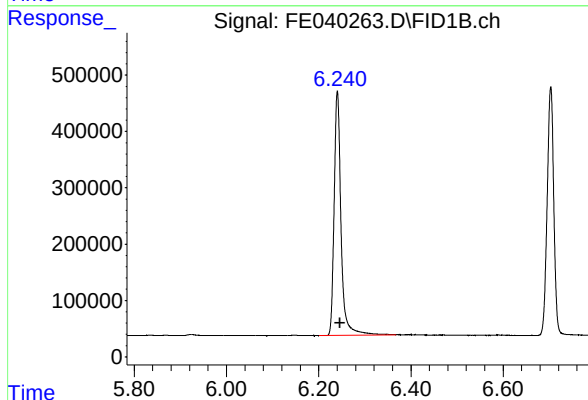
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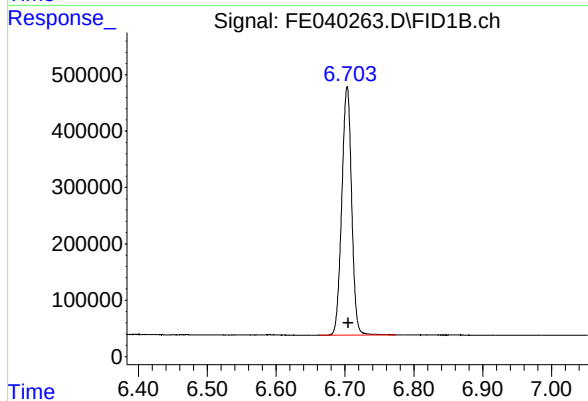
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 4075253
Conc: 30.67 ug/ml



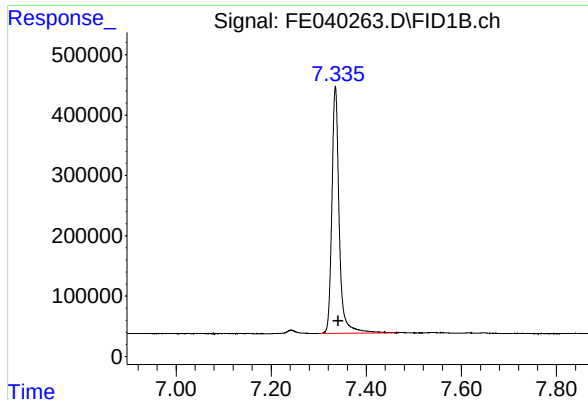
#3 A~Naphthalene (C11.7)

R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 4505516
Conc: 30.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 4383094
Conc: 32.55 ug/ml



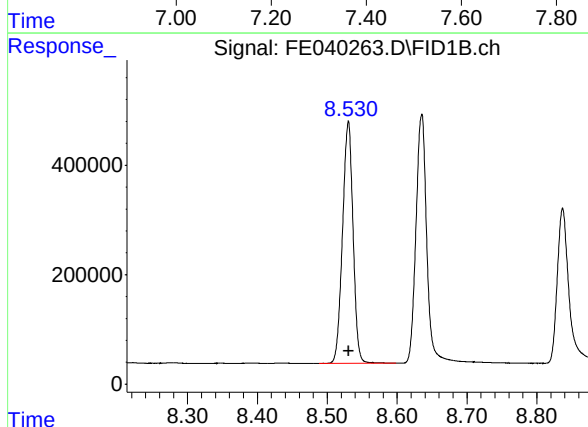
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 4407056
Conc: 32.56 ug/ml

Instrument :
FID_E
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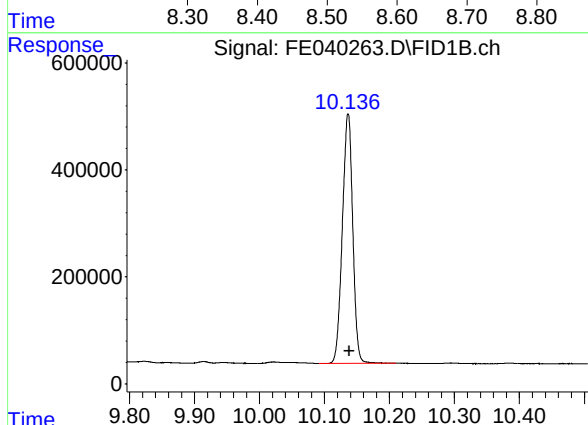
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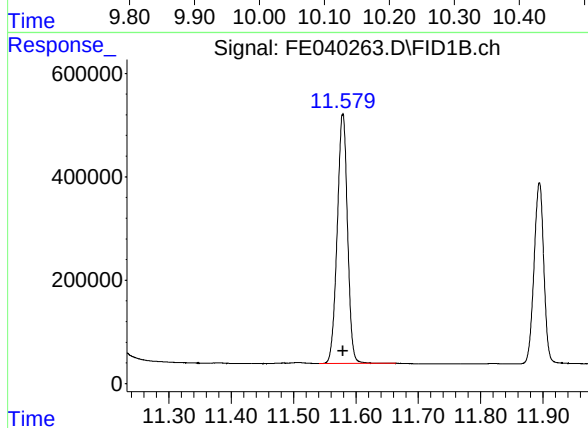
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 4617556
Conc: 33.51 ug/ml



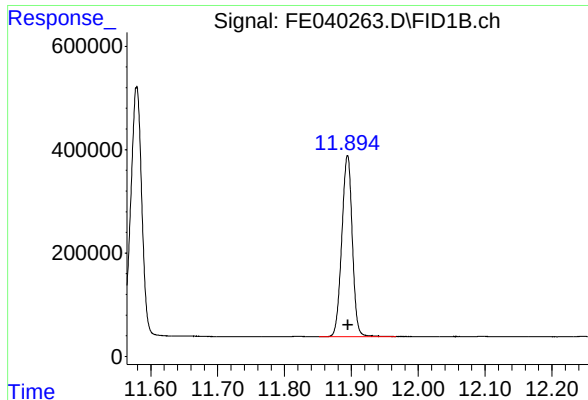
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.002 min
Response: 5181572
Conc: 36.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 5540371
Conc: 37.25 ug/ml



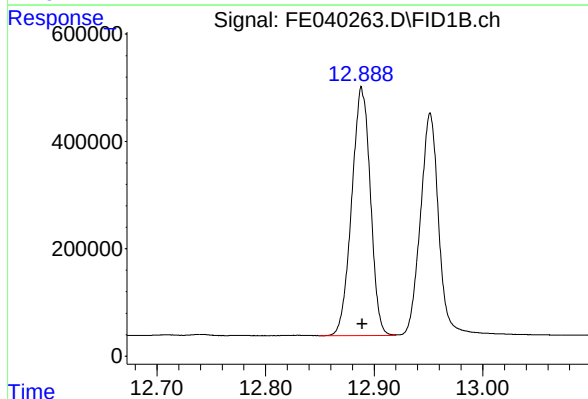
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 3822683
Conc: 23.62 ug/ml

Instrument :
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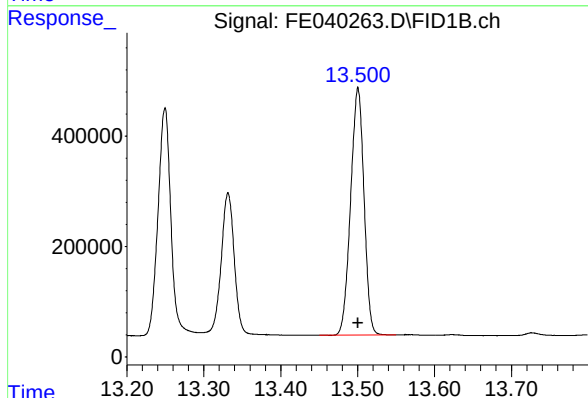
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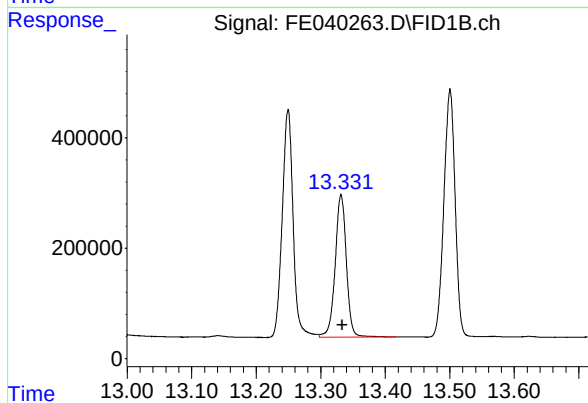
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 5527841
Conc: 37.60 ug/ml



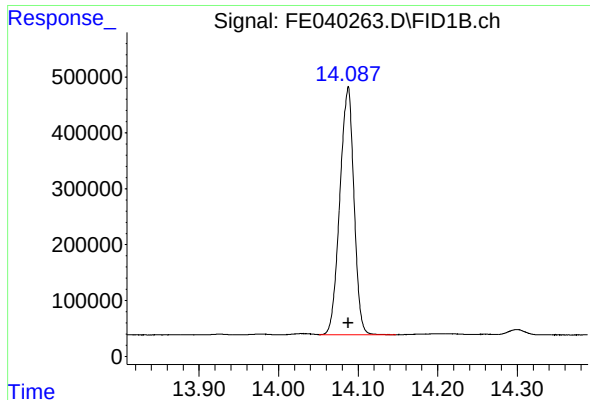
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 5405058
Conc: 36.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.332 min
Delta R.T.: -0.002 min
Response: 3115281
Conc: 25.12 ug/ml



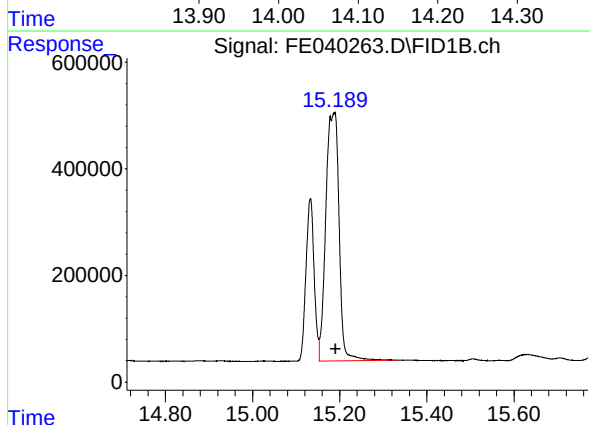
#13 n-Docosane (C22)

R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 5470163
Conc: 36.92 ug/ml

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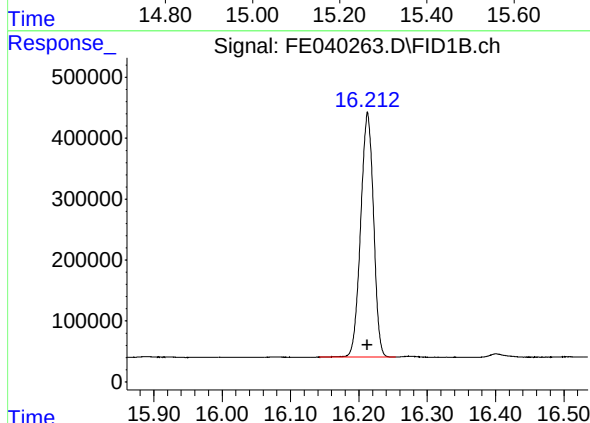
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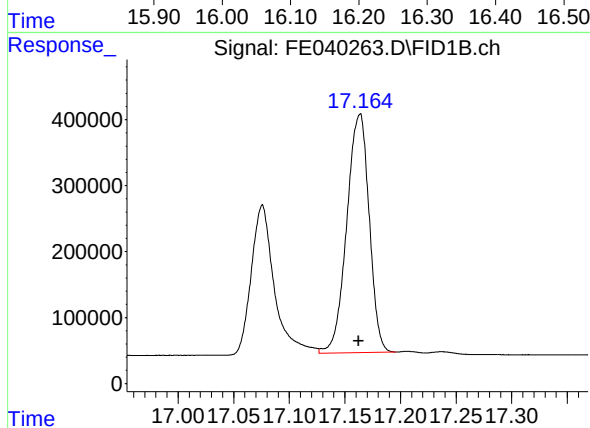
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.003 min
Response: 9825979
Conc: 64.73 ug/ml



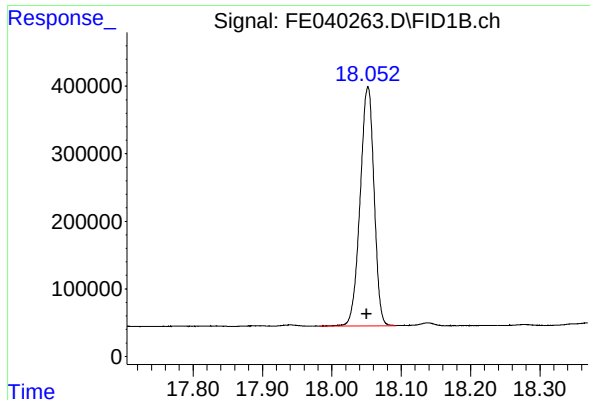
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 5245586
Conc: 35.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: 0.000 min
Response: 5075737
Conc: 33.87 ug/ml



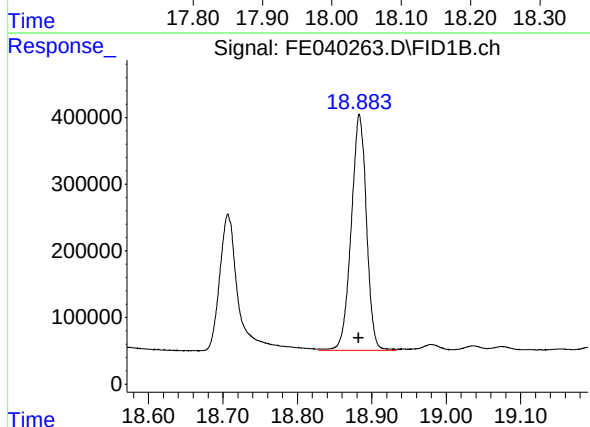
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 4937915
Conc: 33.47 ug/ml

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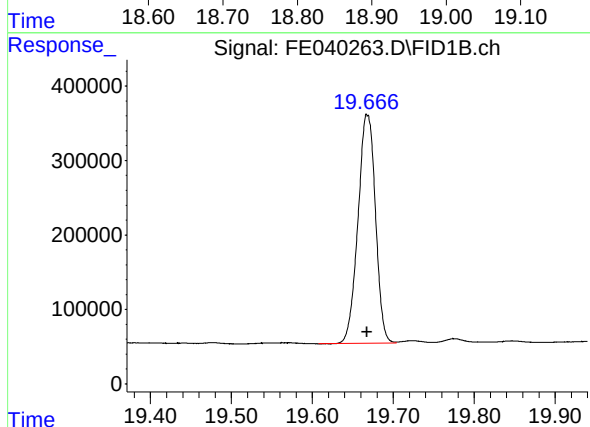
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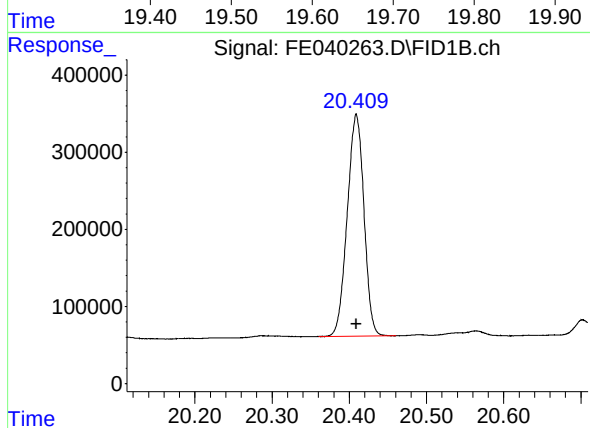
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: 0.000 min
Response: 5039857
Conc: 34.41 ug/ml



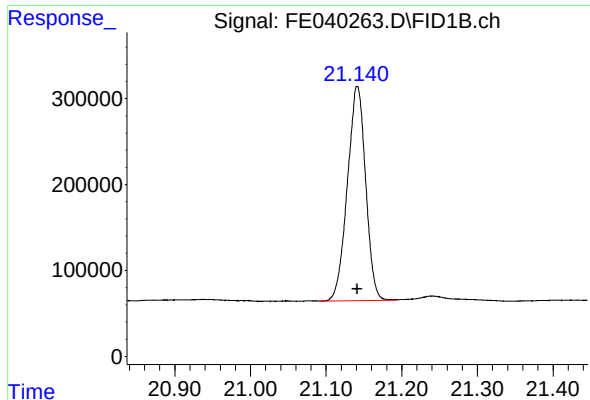
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 4615143
Conc: 33.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 4333130
Conc: 32.67 ug/ml



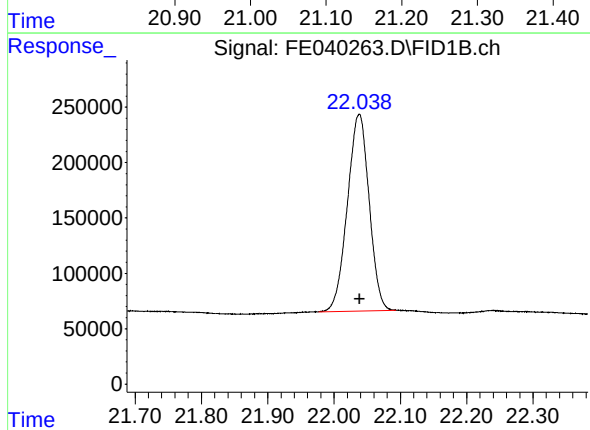
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 4190937
Conc: 32.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: 0.000 min
Response: 4045797
Conc: 30.47 ug/ml m