

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080823AL\
 Data File : FE043814.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 19:02
 Operator : YP\AJ
 Sample : 03920-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-3-080723MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: sample.E
 Quant Time: Aug 09 01:59:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.947	7664817	37.195 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
12) S 1-chlorooctadecane (S...	13.385	6039481	38.703 ug/ml
Spiked Amount 50.000		Recovery =	77.41%
Target Compounds			
1) T n-Nonane (C9)	3.330	5594033	34.641 ug/ml
2) T n-Decane (C10)	4.583	6361851	38.600 ug/ml
3) T A~Naphthalene (C11.7)	6.283	7709050	42.341 ug/ml
4) T n-Dodecane (C12)	6.747	7124636	42.570 ug/ml
5) T A~2-methylnaphthalene...	7.379	8078040	45.375 ug/ml
6) T n-Tetradecane (C14)	8.577	7809440	46.352 ug/ml
7) T n-Hexadecane (C16)	10.185	8687027	49.246 ug/ml
8) T n-Octadecane (C18)	11.630	8718220	48.128 ug/ml
10) T n-Eicosane (C20)	12.942	9041587	51.092 ug/ml
11) T n-Heneicosane (C21)	13.554	8654419	48.878 ug/ml
13) T n-Docosane (C22)	14.141	8663312	49.391 ug/ml
14) T n-Tetracosane (C24)	15.246	6730755	38.308 ug/mlm
15) T n-Hexacosane (C26)	16.272	7886828	45.632 ug/ml
16) T n-Octacosane (C28)	17.221	8079002	48.285 ug/ml
17) T n-Tricontane (C30)	18.113	7755397	46.824 ug/ml
18) T n-Dotriacontane (C32)	18.947	7354206	46.577 ug/ml
19) T n-Tetratriacontane (C34)	19.734	7726813	51.998 ug/ml
20) T n-Hexatriacontane (C36)	20.477	6847523	48.988 ug/mlm
21) T n-Octatriacontane (C38)	21.226	7559708	56.667 ug/mlm
22) T n-Tetracontane (C40)	22.159	7159385	55.487 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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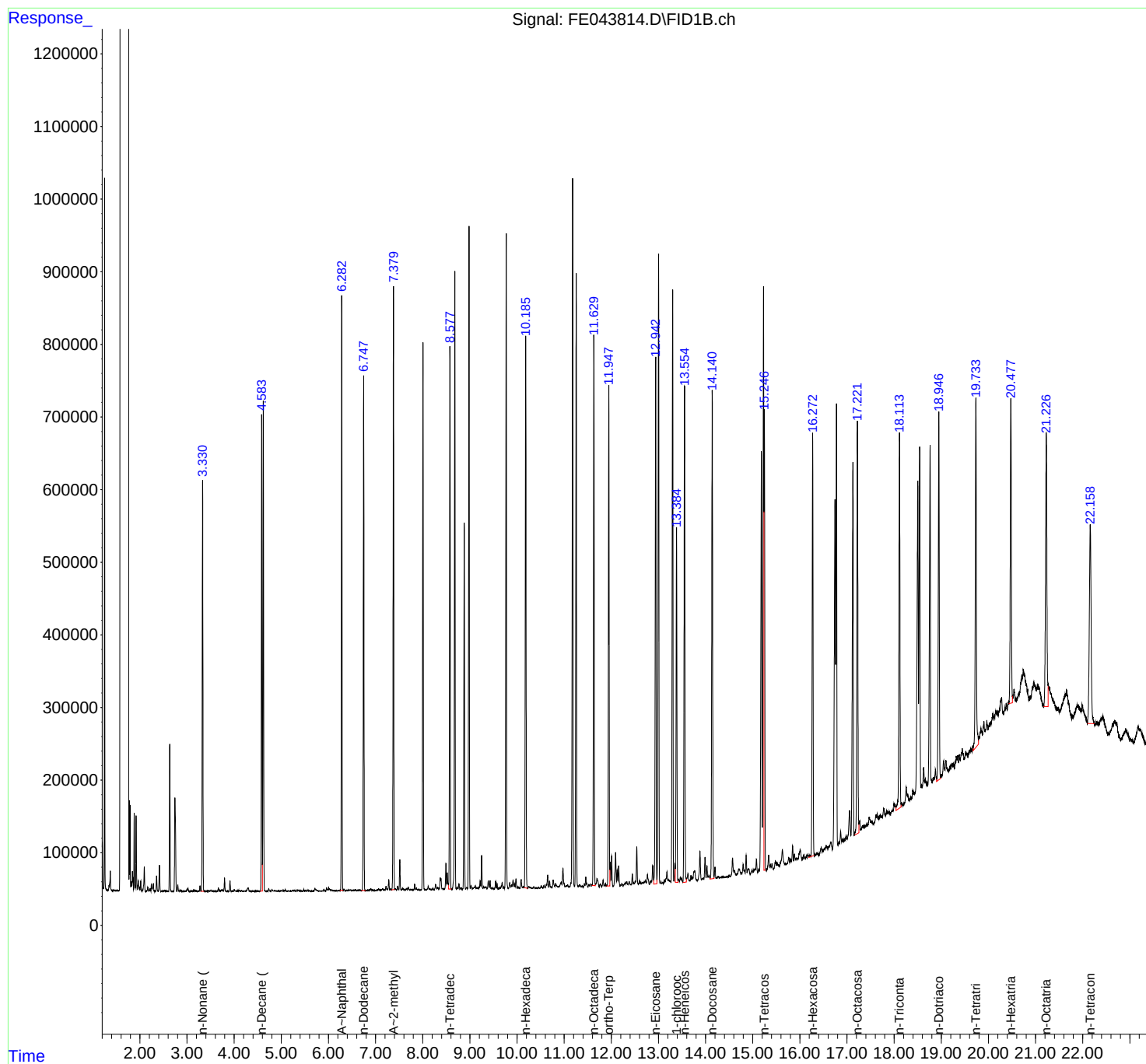
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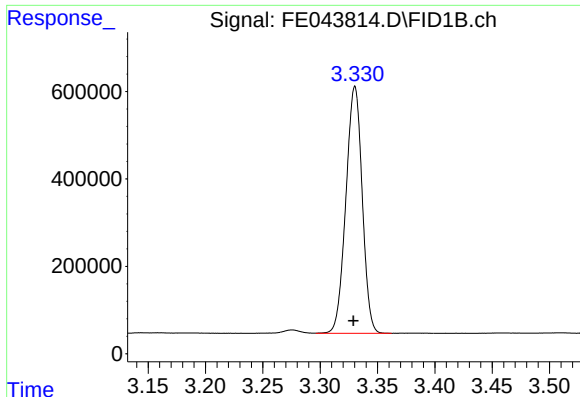
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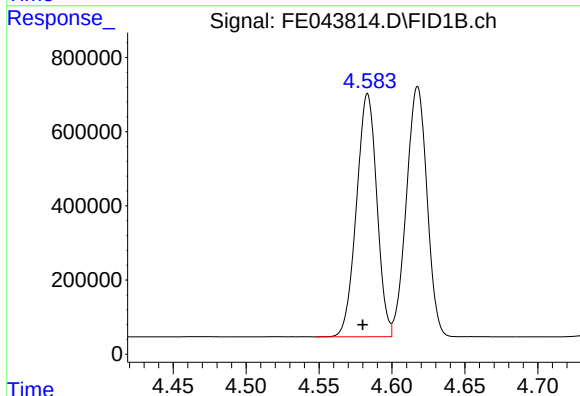
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 5594033
Conc: 34.64 ug/ml

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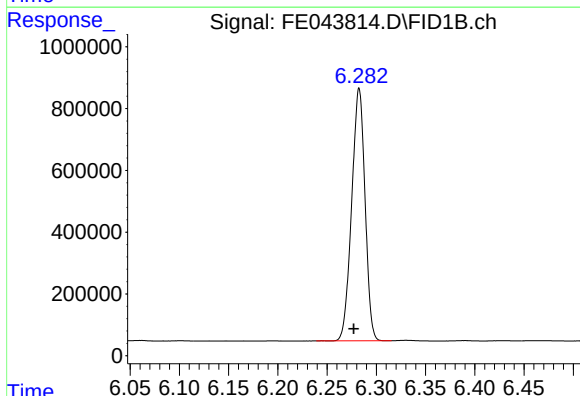
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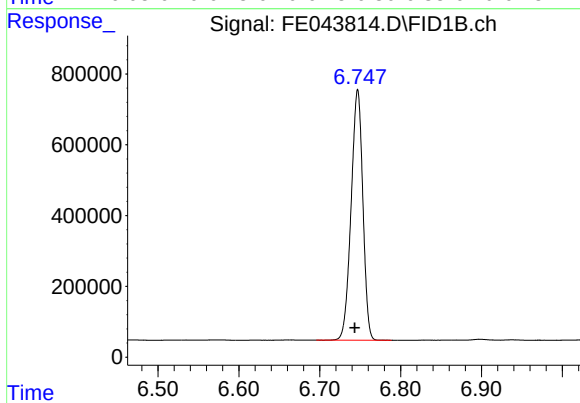
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: 0.003 min
Response: 6361851
Conc: 38.60 ug/ml



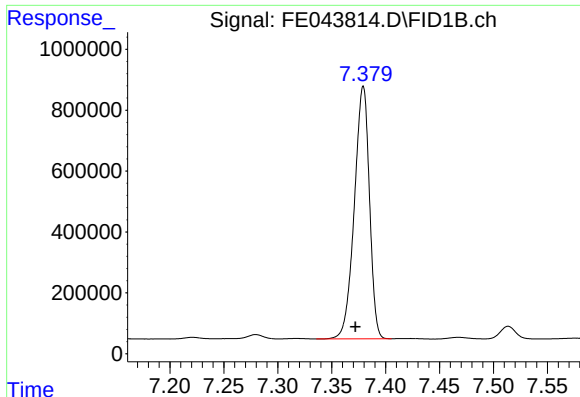
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.005 min
Response: 7709050
Conc: 42.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: 0.004 min
Response: 7124636
Conc: 42.57 ug/ml



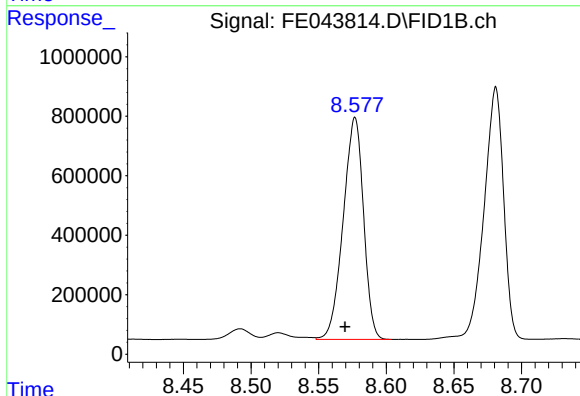
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: 0.007 min
Response: 8078040
Conc: 45.38 ug/ml

Instrument :
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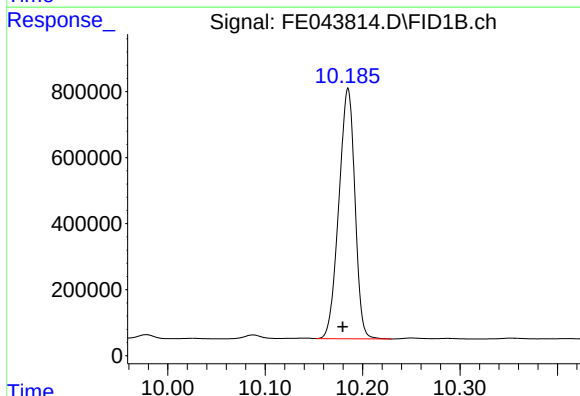
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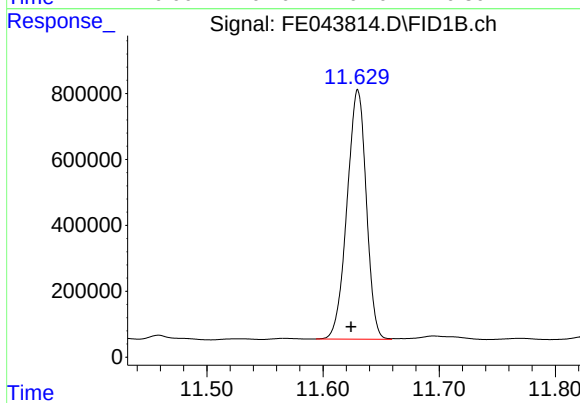
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: 0.007 min
Response: 7809440
Conc: 46.35 ug/ml



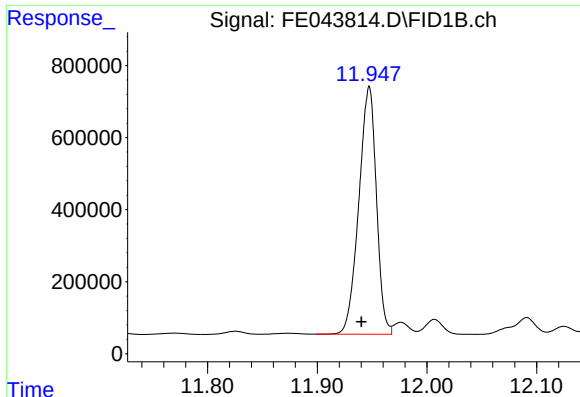
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.005 min
Response: 8687027
Conc: 49.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 8718220
Conc: 48.13 ug/ml



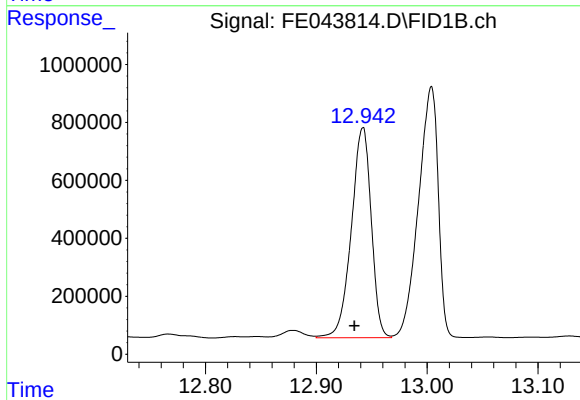
#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: 0.007 min
Response: 7664817
Conc: 37.19 ug/ml

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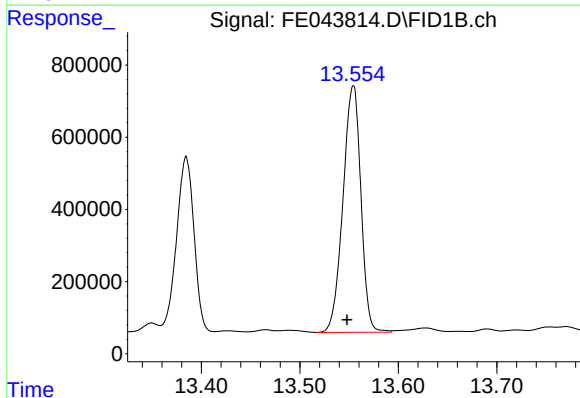
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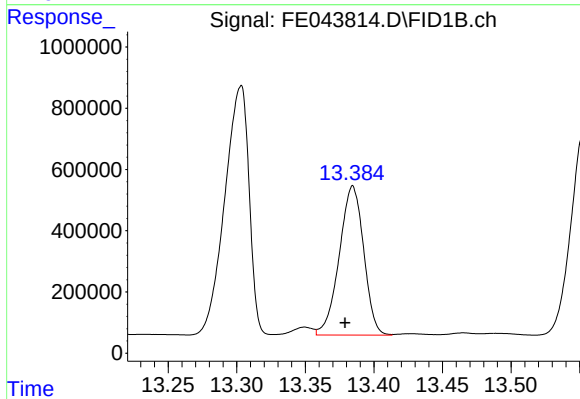
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.008 min
Response: 9041587
Conc: 51.09 ug/ml



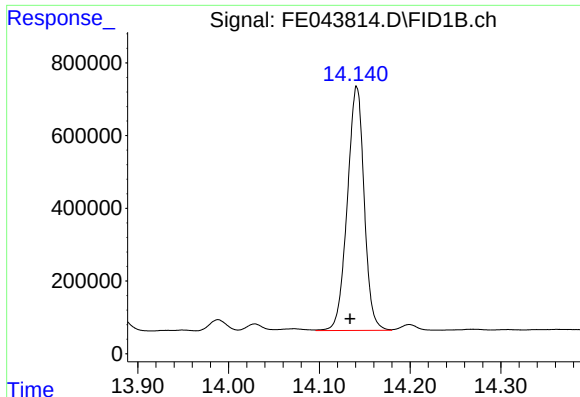
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 8654419
Conc: 48.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: 0.005 min
Response: 6039481
Conc: 38.70 ug/ml



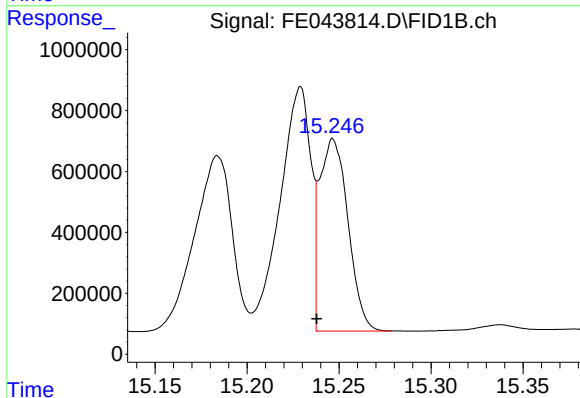
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.007 min
Response: 8663312
Conc: 49.39 ug/ml

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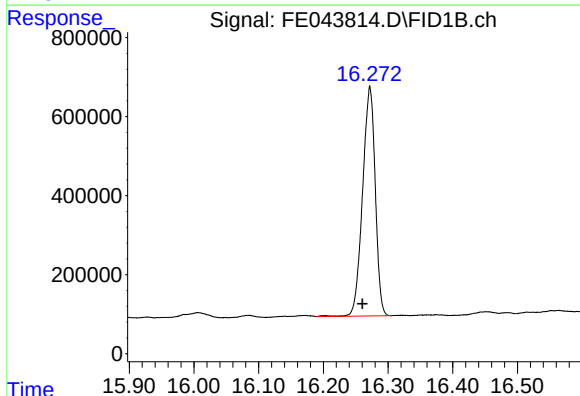
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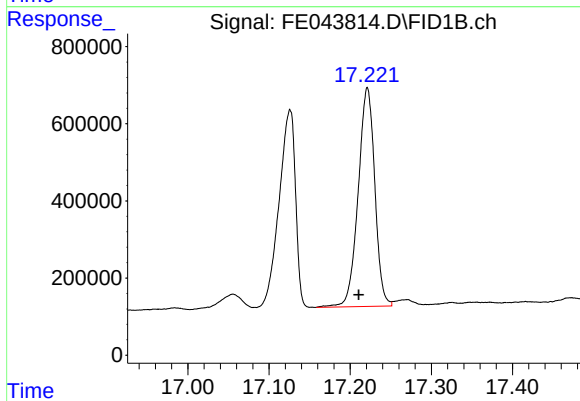
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.008 min
Response: 6730755
Conc: 38.31 ug/ml m



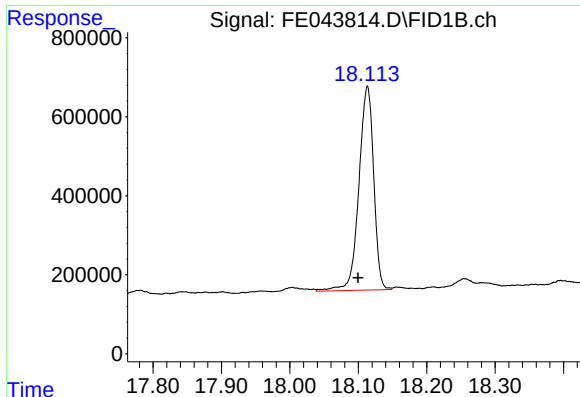
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: 0.012 min
Response: 7886828
Conc: 45.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: 0.011 min
Response: 8079002
Conc: 48.28 ug/ml



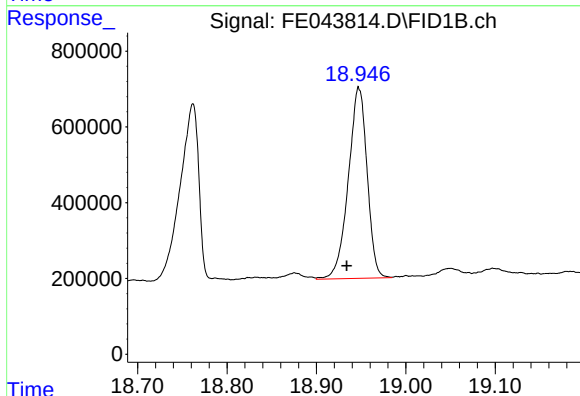
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.014 min
Response: 7755397
Conc: 46.82 ug/ml

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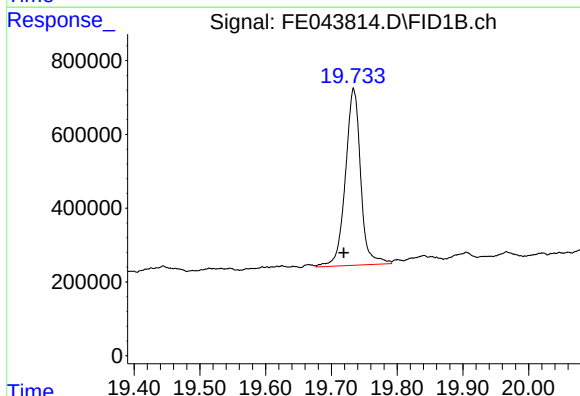
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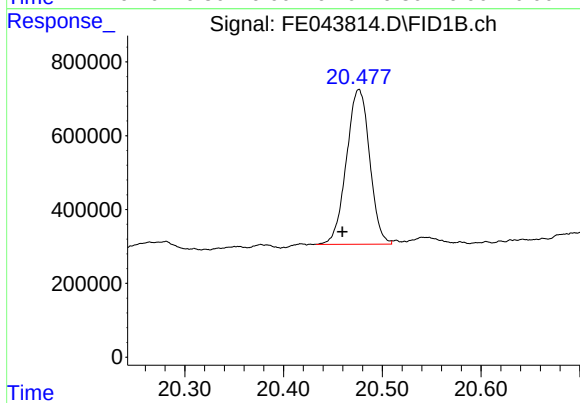
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: 0.013 min
Response: 7354206
Conc: 46.58 ug/ml



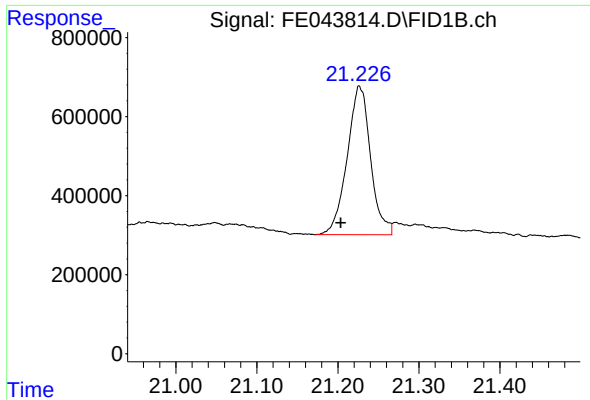
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.015 min
Response: 7726813
Conc: 52.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: 0.017 min
Response: 6847523
Conc: 48.99 ug/ml m



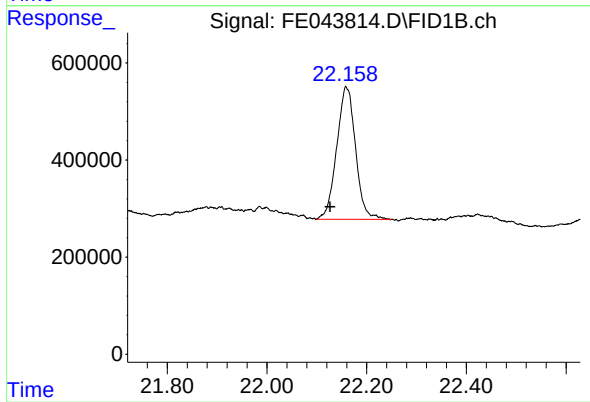
#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.022 min
Response: 7559708
Conc: 56.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: 0.032 min
Response: 7159385
Conc: 55.49 ug/ml