

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE02224AL\
 Data File : FE046911.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 19:31
 Operator : YP\AJ
 Sample : P1575-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PTP-01-(0.5-1.0)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: sample.E
 Quant Time: Feb 23 00:35:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.798	4953898	30.152 ug/mlm
Spiked Amount 50.000		Recovery =	60.30%
12) S 1-chlorooctadecane (S...	13.239	4415454	35.869 ug/mlm
Spiked Amount 50.000		Recovery =	71.74%
Target Compounds			
1) T n-Nonane (C9)	3.185	3116436	20.437 ug/ml
2) T n-Decane (C10)	4.436	4033432	26.042 ug/ml
3) T A~Naphthalene (C11.7)	6.139	5513915	35.009 ug/ml
4) T n-Dodecane (C12)	6.603	5641363	36.283 ug/ml
5) T A~2-methylnaphthalene...	7.235	5996355	41.816 ug/ml
6) T n-Tetradecane (C14)	8.431	6777521	43.953 ug/mlm
7) T n-Hexadecane (C16)	10.040	7142094	45.014 ug/mlm
8) T n-Octadecane (C18)	11.486	7417338	46.528 ug/mlm
10) T n-Eicosane (C20)	12.797	7803712	51.555 ug/mlm
11) T n-Heneicosane (C21)	13.407	6939946	46.866 ug/mlm
13) T n-Docosane (C22)	13.990	7051183	48.464 ug/mlm
14) T n-Tetracosane (C24)	15.094	16399691	114.830 ug/ml
15) T n-Hexacosane (C26)	16.115	6784906	48.553 ug/ml
16) T n-Octacosane (C28)	17.063	8968901	65.832 ug/mlm
17) T n-Tricontane (C30)	17.953	6663528	47.761 ug/ml
18) T n-Dotriacontane (C32)	18.787	7309805	53.123 ug/mlm
19) T n-Tetratriacontane (C34)	19.570	6231092	46.385 ug/ml
20) T n-Hexatriacontane (C36)	20.311	5958445	44.746 ug/ml
21) T n-Octatriacontane (C38)	21.033	6059285	43.976 ug/ml
22) T n-Tetracontane (C40)	21.907	6197549	43.926 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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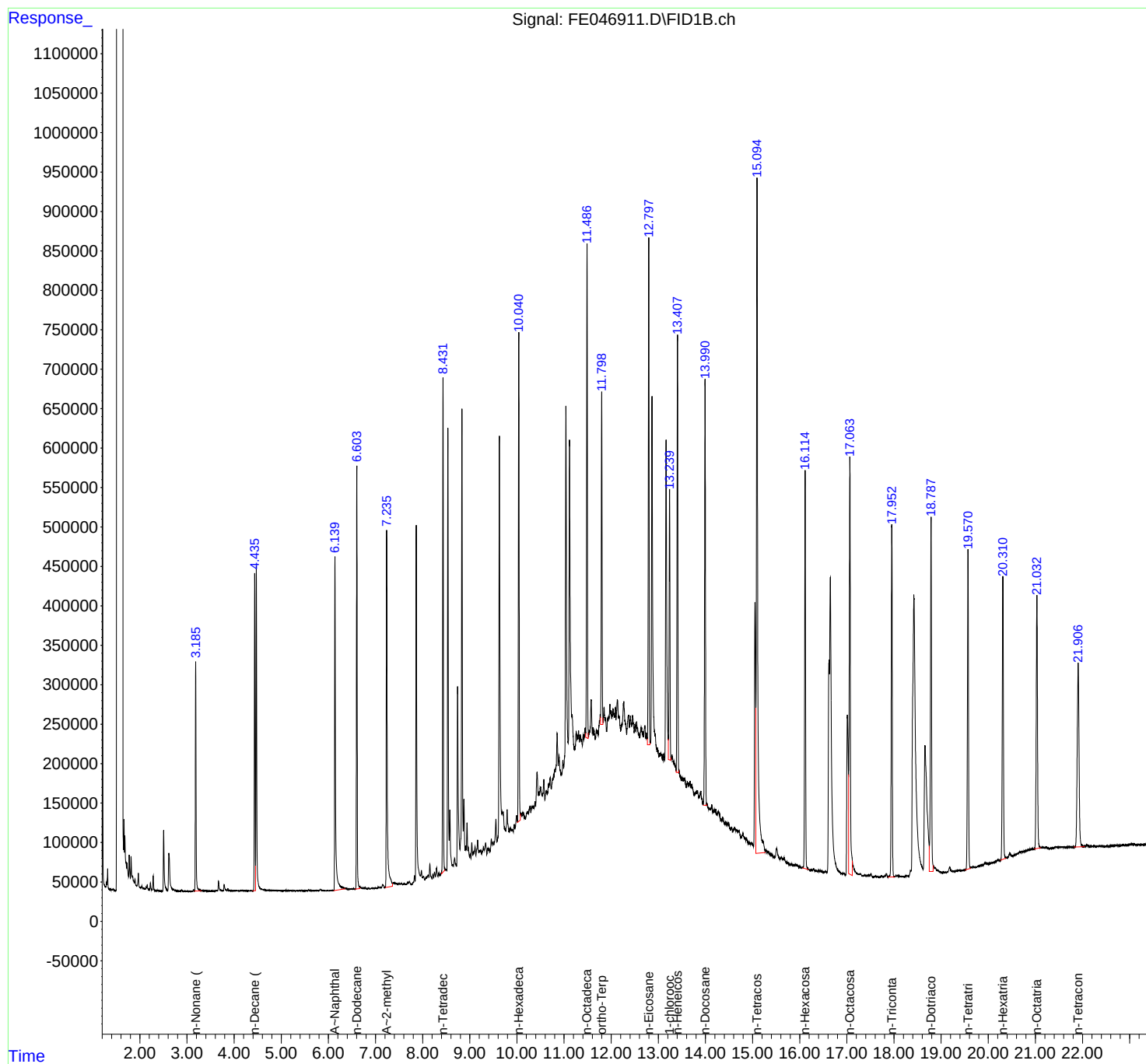
Instrument :
FID_E
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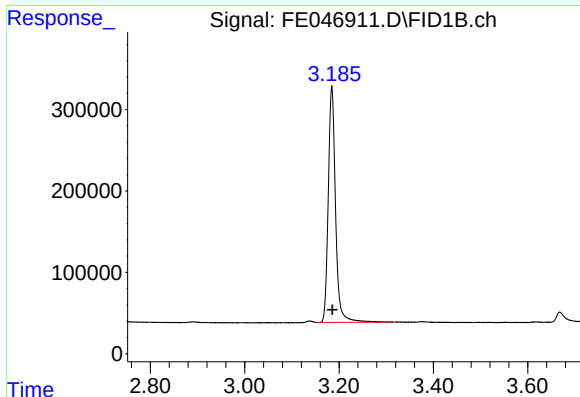
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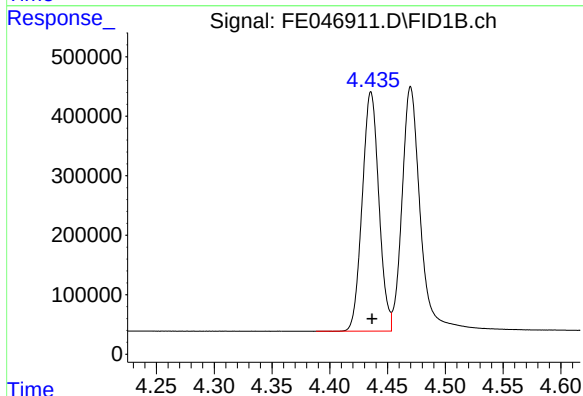
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: -0.001 min
Response: 3116436
Conc: 20.44 ug/ml

Instrument :
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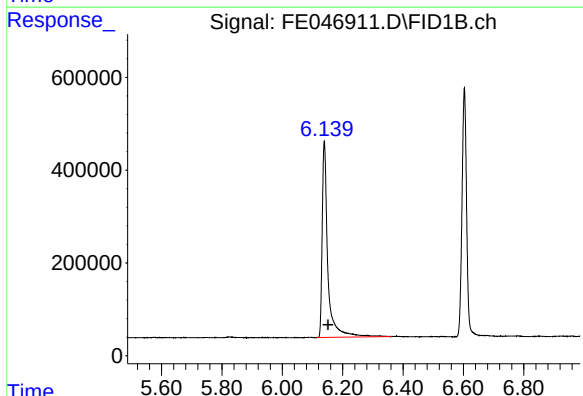
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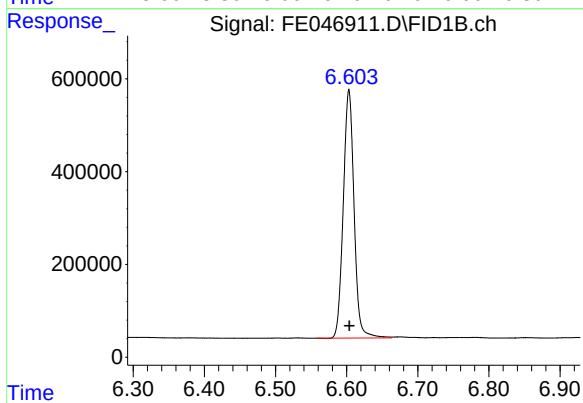
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 4033432
Conc: 26.04 ug/ml



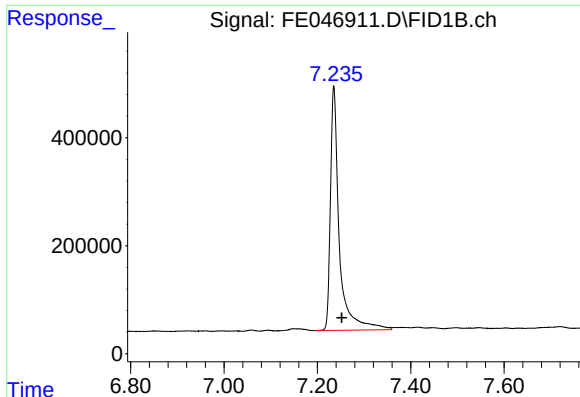
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.012 min
Response: 5513915
Conc: 35.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 5641363
Conc: 36.28 ug/ml



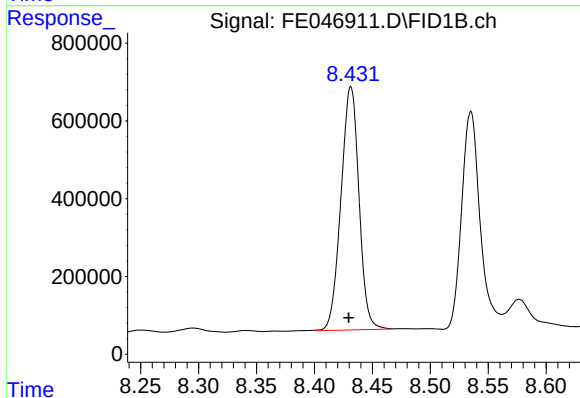
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: -0.017 min
Response: 5996355
Conc: 41.82 ug/ml

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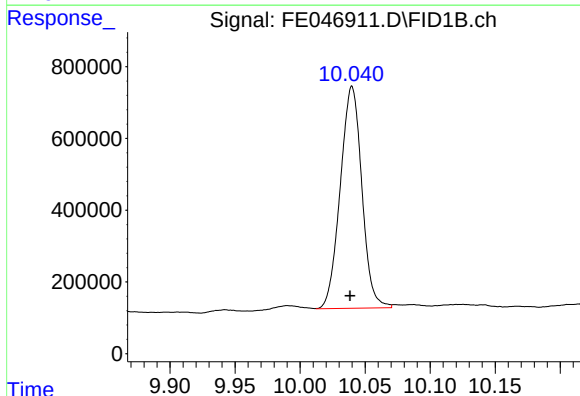
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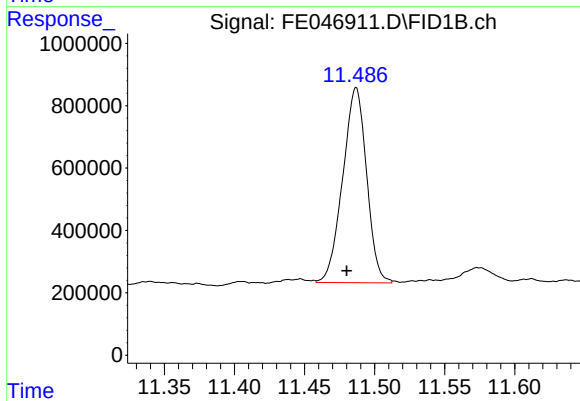
#6 n-Tetradecane (C14)

R.T.: 8.431 min
Delta R.T.: 0.001 min
Response: 6777521
Conc: 43.95 ug/ml m



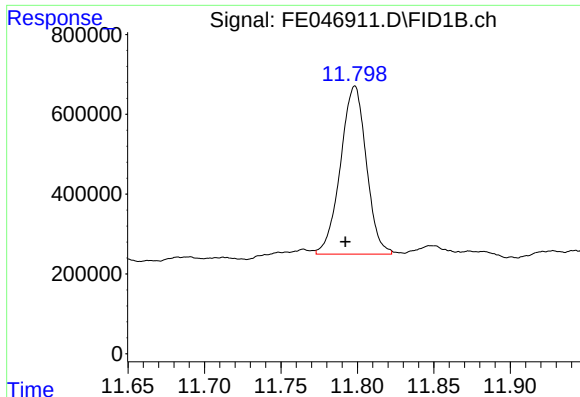
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 7142094
Conc: 45.01 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.486 min
Delta R.T.: 0.006 min
Response: 7417338
Conc: 46.53 ug/ml m



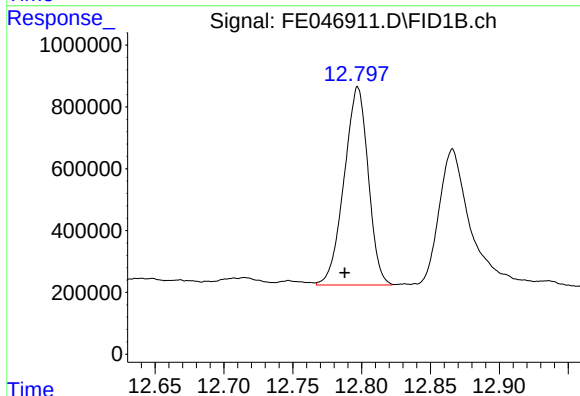
#9 ortho-Terphenyl (SURR)

R.T.: 11.798 min
Delta R.T.: 0.006 min
Response: 4953898
Conc: 30.15 ug/ml

Instrument :
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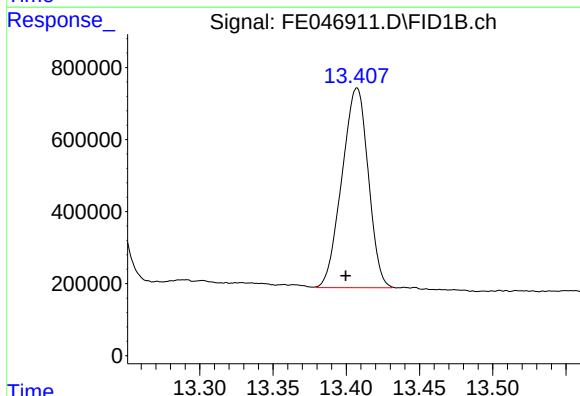
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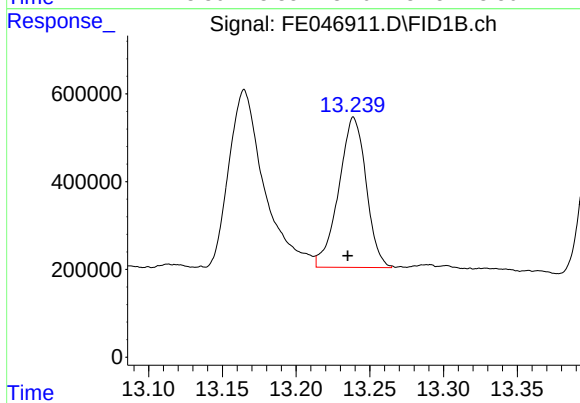
#10 n-Eicosane (C20)

R.T.: 12.797 min
Delta R.T.: 0.009 min
Response: 7803712
Conc: 51.55 ug/ml m



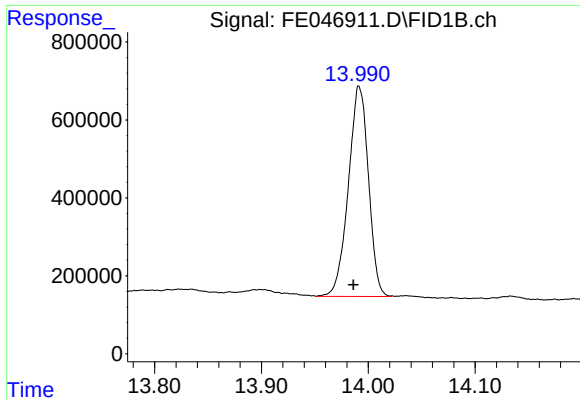
#11 n-Heneicosane (C21)

R.T.: 13.407 min
Delta R.T.: 0.007 min
Response: 6939946
Conc: 46.87 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.239 min
Delta R.T.: 0.004 min
Response: 4415454
Conc: 35.87 ug/ml m



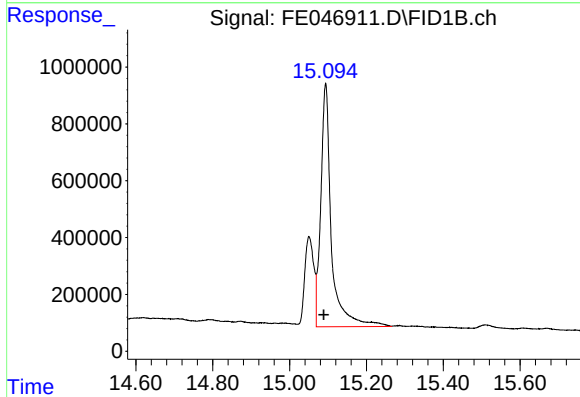
#13 n-Docosane (C22)

R.T.: 13.990 min
Delta R.T.: 0.004 min
Response: 7051183
Conc: 48.46 ug/ml

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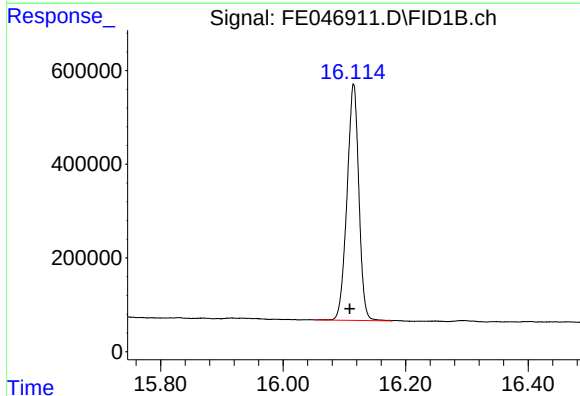
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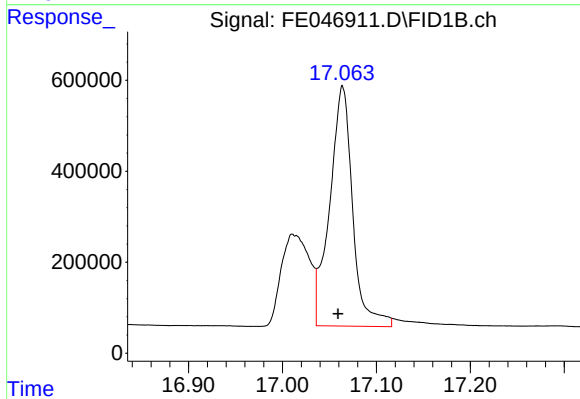
#14 n-Tetracosane (C24)

R.T.: 15.094 min
Delta R.T.: 0.005 min
Response: 16399691
Conc: 114.83 ug/ml



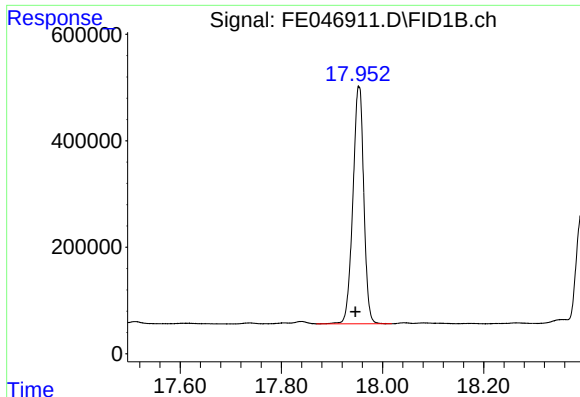
#15 n-Hexacosane (C26)

R.T.: 16.115 min
Delta R.T.: 0.006 min
Response: 6784906
Conc: 48.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.063 min
Delta R.T.: 0.004 min
Response: 8968901
Conc: 65.83 ug/ml m



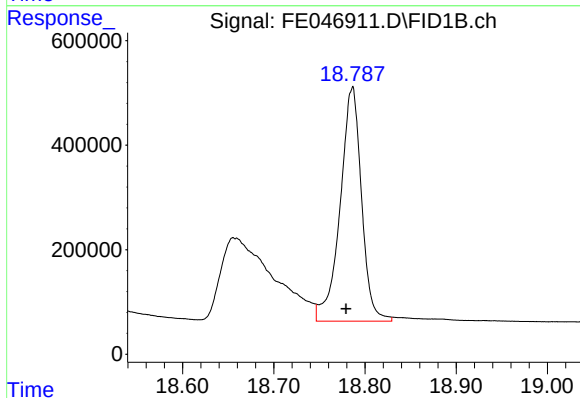
#17 n-Tricontane (C30)

R.T.: 17.953 min
Delta R.T.: 0.007 min
Response: 6663528
Conc: 47.76 ug/ml

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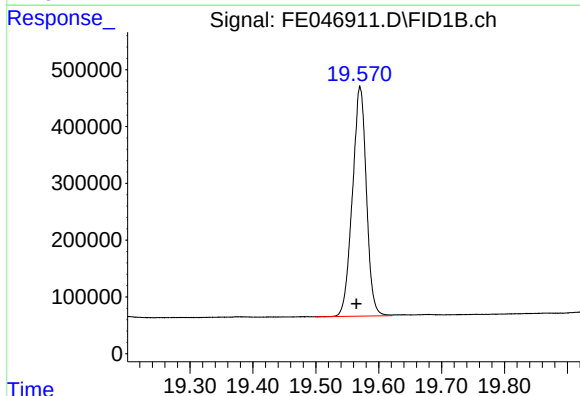
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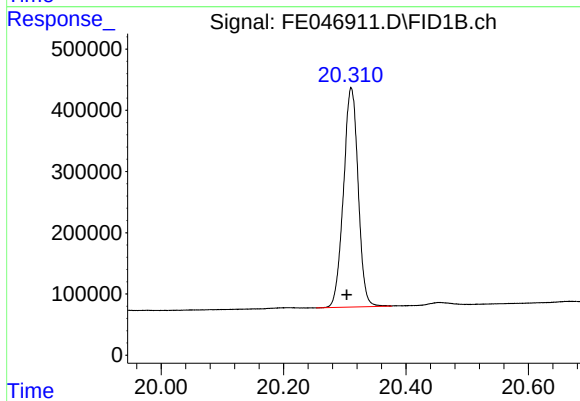
#18 n-Dotriacontane (C32)

R.T.: 18.787 min
Delta R.T.: 0.007 min
Response: 7309805
Conc: 53.12 ug/ml m



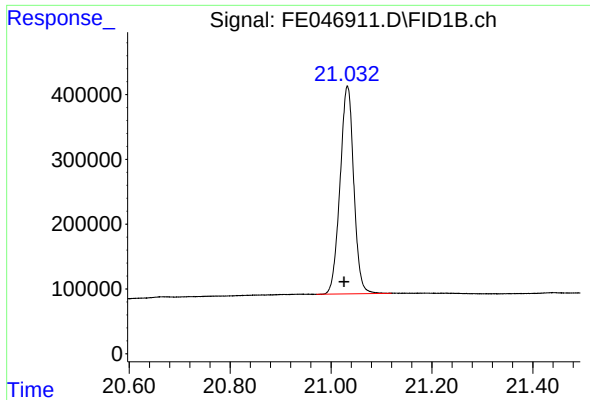
#19 n-Tetratriacontane (C34)

R.T.: 19.570 min
Delta R.T.: 0.006 min
Response: 6231092
Conc: 46.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.311 min
Delta R.T.: 0.007 min
Response: 5958445
Conc: 44.75 ug/ml



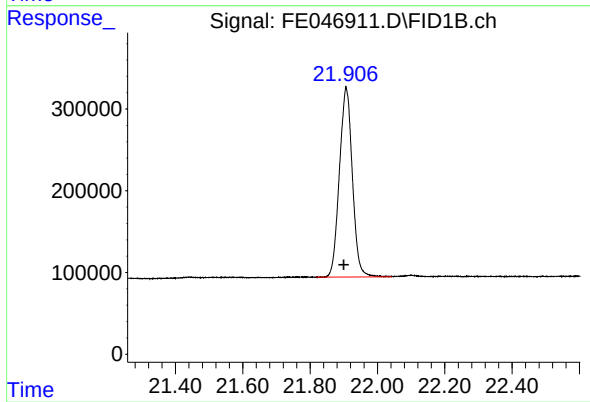
#21 n-Octatriacontane (C38)

R.T.: 21.033 min
Delta R.T.: 0.007 min
Response: 6059285
Conc: 43.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: 0.007 min
Response: 6197549
Conc: 43.93 ug/ml