

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080824AL\
 Data File : FE049517.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2024 14:38
 Operator : YP\AJ
 Sample : PB162575BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162575BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2024
 Supervised By :Ankita Jodhani 08/09/2024

Integration File: sample.E
 Quant Time: Aug 08 16:34:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.892	6250240	40.297 ug/ml
Spiked Amount 50.000		Recovery =	80.59%
12) S 1-chlorooctadecane (S...	13.327	4991479	42.722 ug/ml
Spiked Amount 50.000		Recovery =	85.44%
Target Compounds			
1) T n-Nonane (C9)	3.293	7311555	48.618 ug/ml
2) T n-Decane (C10)	4.539	7856543	50.867 ug/ml
3) T A~Naphthalene (C11.7)	6.240	9111096	58.478 ug/ml
4) T n-Dodecane (C12)	6.700	8096492	52.582 ug/ml
5) T A~2-methylnaphthalene...	7.335	9037057	62.098 ug/ml
6) T n-Tetradecane (C14)	8.529	8592816	56.616 ug/ml
7) T n-Hexadecane (C16)	10.133	8656373	57.079 ug/ml
8) T n-Octadecane (C18)	11.576	8612442	56.724 ug/ml
10) T n-Eicosane (C20)	12.885	8540299	59.059 ug/ml
11) T n-Heneicosane (C21)	13.495	8270651	58.323 ug/ml
13) T n-Docosane (C22)	14.081	8170609	58.156 ug/ml
14) T n-Tetracosane (C24)	15.176	16000863	114.168 ug/ml
15) T n-Hexacosane (C26)	16.202	8123522	57.934 ug/ml
16) T n-Octacosane (C28)	17.150	8696805	62.135 ug/ml
17) T n-Tricontane (C30)	18.038	8251851	56.569 ug/ml
18) T n-Dotriacontane (C32)	18.866	8270161	56.245 ug/mlm
19) T n-Tetratriacontane (C34)	19.650	8403703	57.532 ug/ml
20) T n-Hexatriacontane (C36)	20.390	8240252	57.161 ug/ml
21) T n-Octatriacontane (C38)	21.120	8615286	57.554 ug/ml
22) T n-Tetracontane (C40)	22.016	8366023	55.439 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

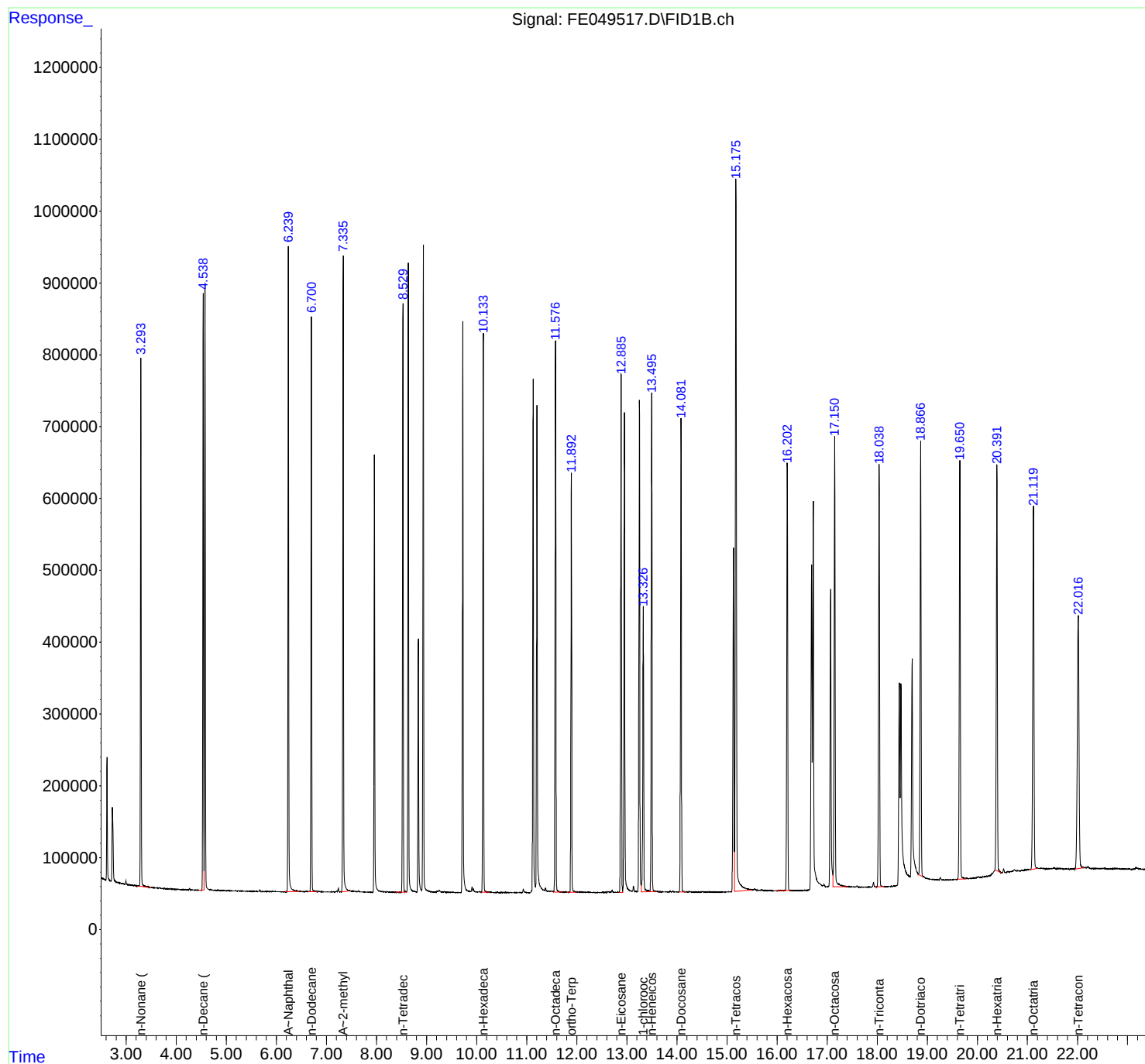
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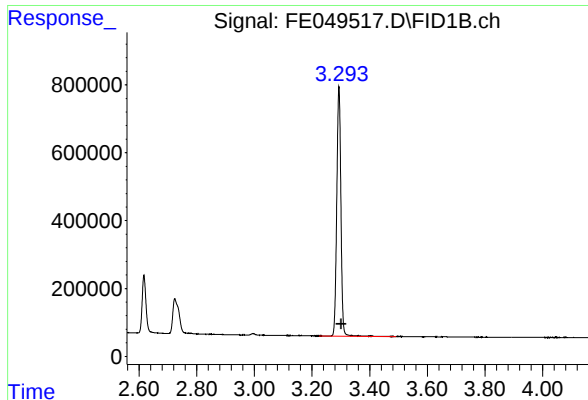
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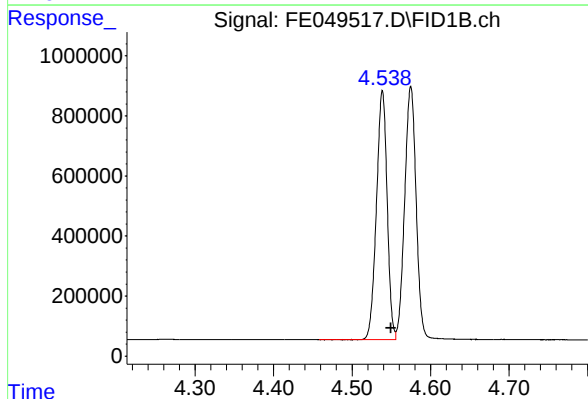
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 7311555
Conc: 48.62 ug/ml

Instrument :
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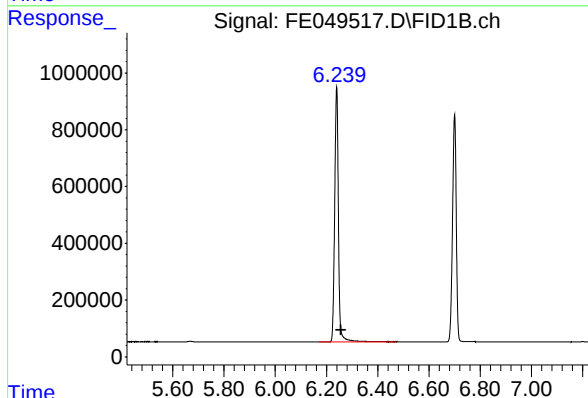
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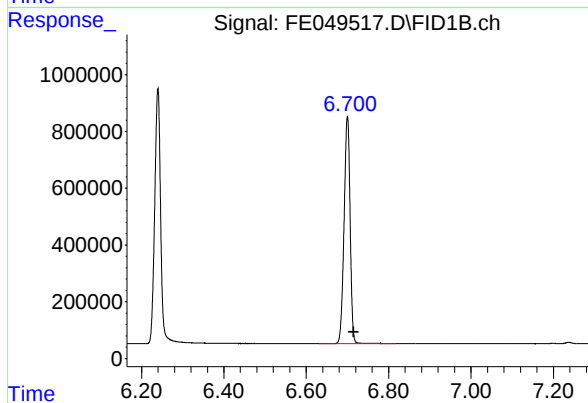
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.011 min
Response: 7856543
Conc: 50.87 ug/ml



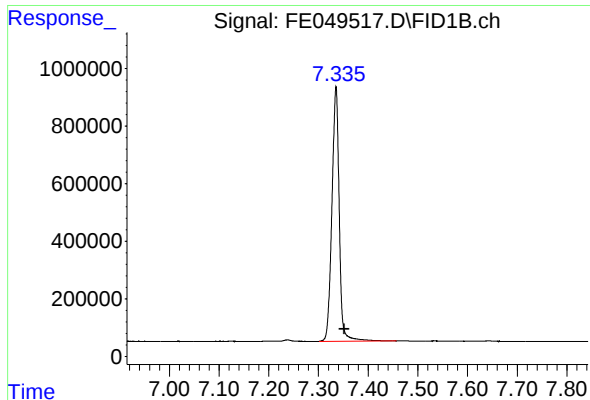
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.017 min
Response: 9111096
Conc: 58.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.015 min
Response: 8096492
Conc: 52.58 ug/ml



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

R.T.: 7.335 min
Delta R.T.: -0.017 min
Response: 9037057
Conc: 62.10 ug/ml

Instrument :

FID_E

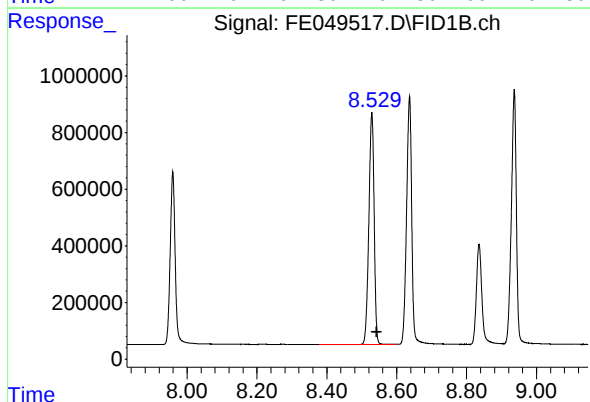
ClientSampleId :

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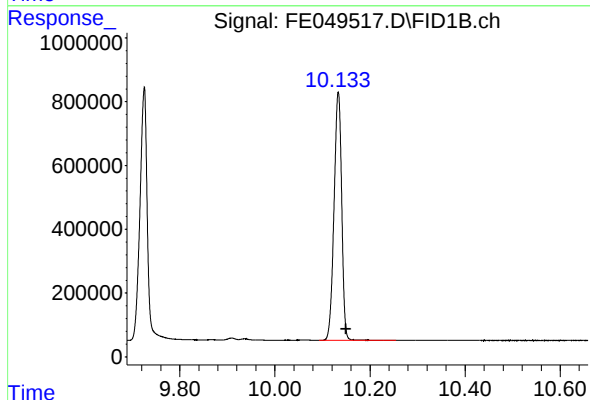
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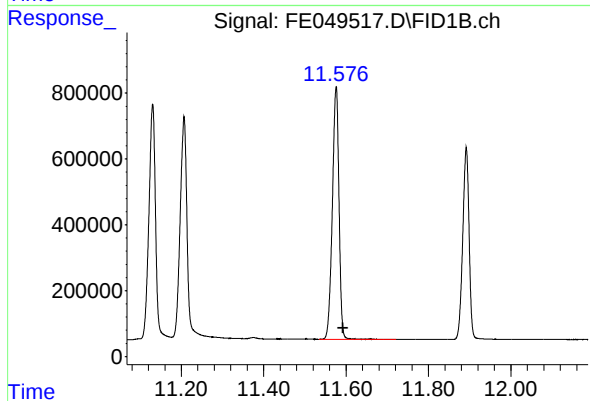
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.015 min
Response: 8592816
Conc: 56.62 ug/ml



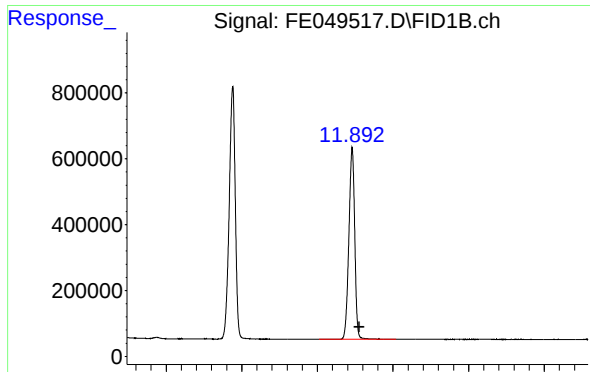
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.016 min
Response: 8656373
Conc: 57.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.017 min
Response: 8612442
Conc: 56.72 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.019 min
Response: 6250240
Conc: 40.30 ug/ml

Instrument :

FID_E

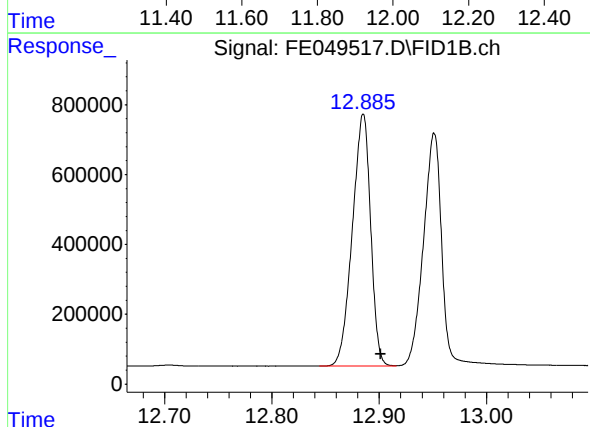
ClientSampleId :

PB162575BSD

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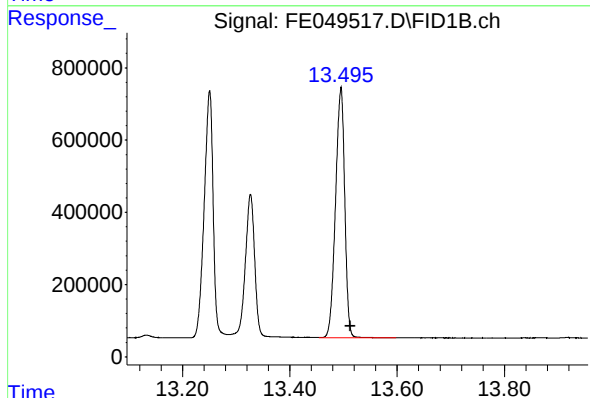
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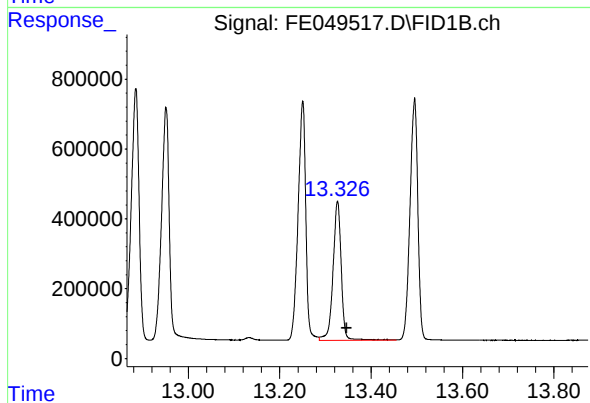
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.016 min
Response: 8540299
Conc: 59.06 ug/ml



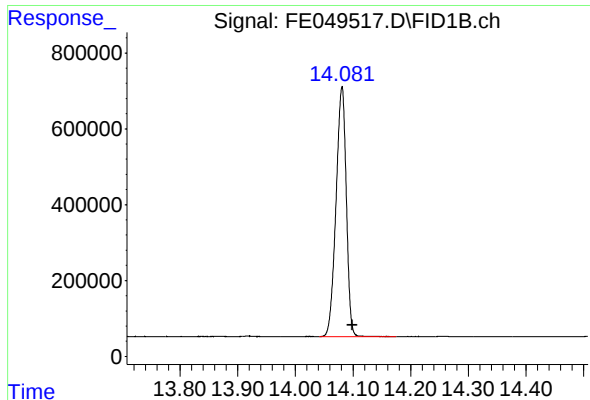
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.018 min
Response: 8270651
Conc: 58.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.020 min
Response: 4991479
Conc: 42.72 ug/ml



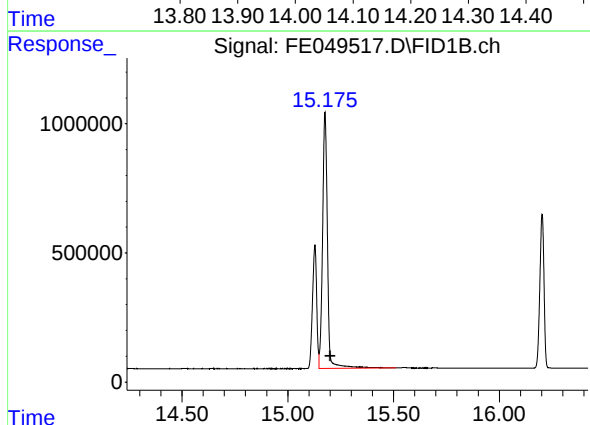
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: -0.018 min
Response: 8170609
Conc: 58.16 ug/ml

Instrument :
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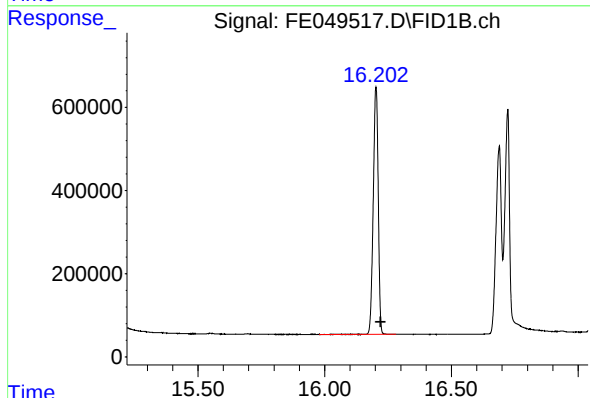
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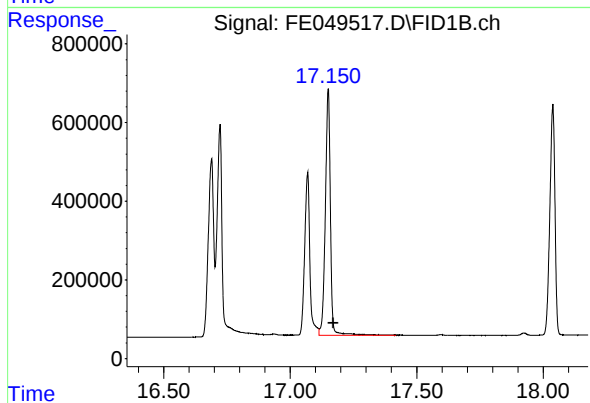
#14 n-Tetracosane (C24)

R.T.: 15.176 min
Delta R.T.: -0.025 min
Response: 16000863
Conc: 114.17 ug/ml



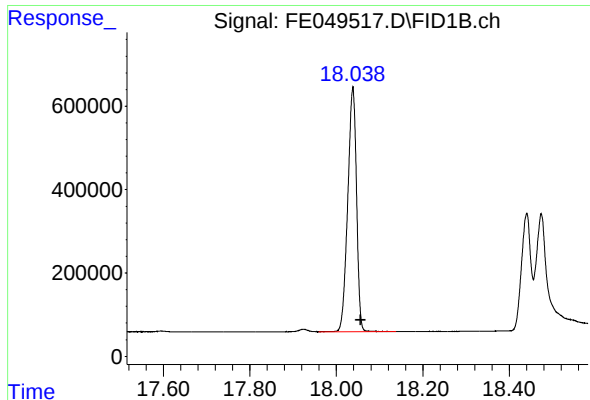
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.019 min
Response: 8123522
Conc: 57.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: -0.020 min
Response: 8696805
Conc: 62.13 ug/ml



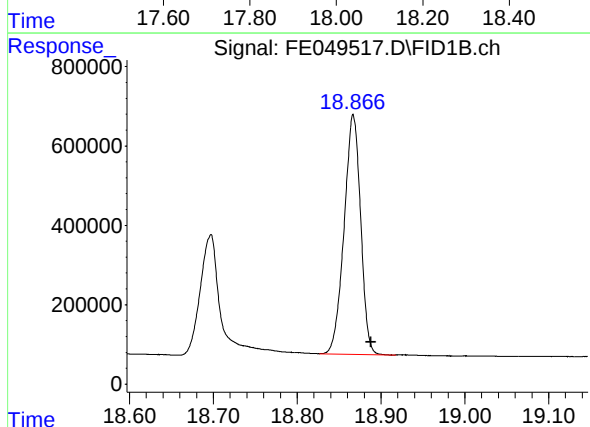
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.019 min
Response: 8251851
Conc: 56.57 ug/ml

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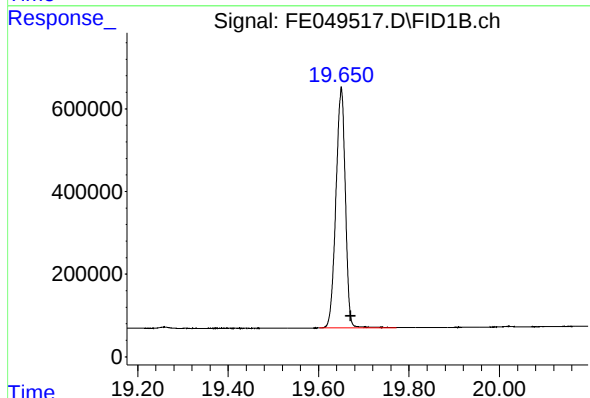
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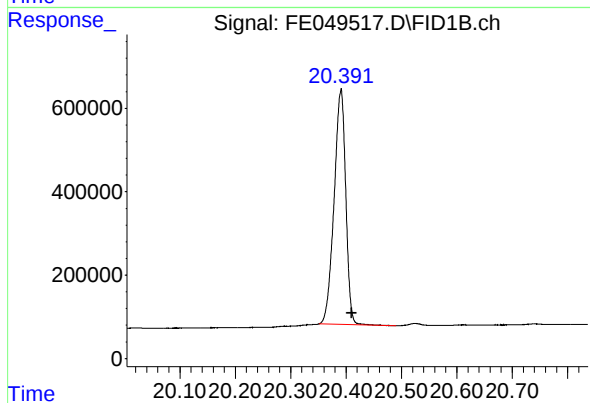
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: -0.022 min
Response: 8270161
Conc: 56.25 ug/ml m



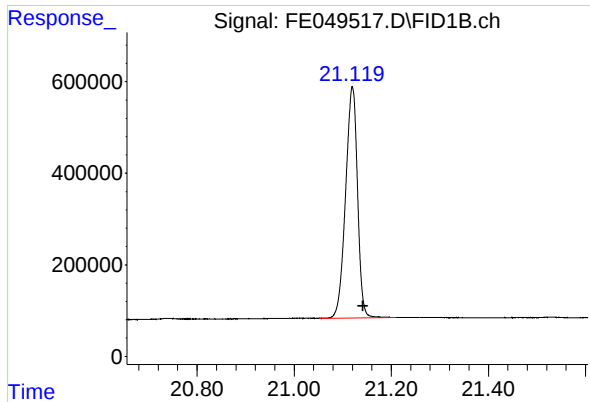
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.021 min
Response: 8403703
Conc: 57.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: -0.020 min
Response: 8240252
Conc: 57.16 ug/ml



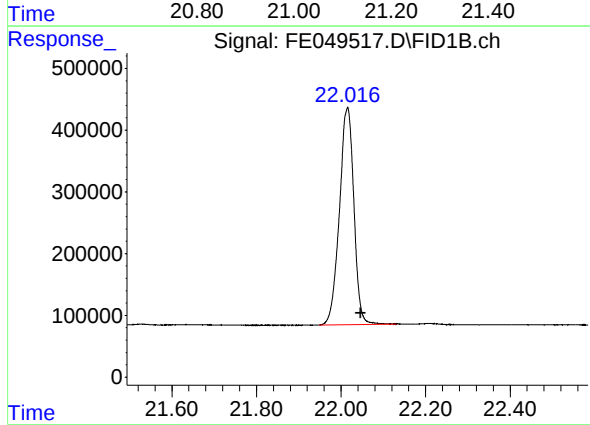
#21 n-Octatriacontane (C38)

R.T.: 21.120 min
Delta R.T.: -0.022 min
Response: 8615286
Conc: 57.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.031 min
Response: 8366023
Conc: 55.44 ug/ml m