

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061523AL\
 Data File : FE042629.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jun 2023 16:53
 Operator : YP\AJ
 Sample : PB153464BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB153464BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e

Quant Time: Jun 16 00:40:31 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.941	8480320	48.026 ug/ml
Spiked Amount 50.000		Recovery =	96.05%
12) S 1-chlorooctadecane (S...	13.376	6473864	48.720 ug/ml
Spiked Amount 50.000		Recovery =	97.44%
Target Compounds			
1) T n-Nonane (C9)	3.330	6414155	44.482 ug/ml
2) T n-Decane (C10)	4.576	6934239	46.841 ug/mlm
3) T A~Naphthalene (C11.7)	6.280	7892348	48.372 ug/ml
4) T n-Dodecane (C12)	6.740	7668456	51.139 ug/ml
5) T A~2-methylnaphthalene...	7.376	7784831	49.053 ug/ml
6) T n-Tetradecane (C14)	8.570	7938870	52.994 ug/ml
7) T n-Hexadecane (C16)	10.177	8242206	52.913 ug/ml
8) T n-Octadecane (C18)	11.621	8228760	52.037 ug/ml
10) T n-Eicosane (C20)	12.932	8130840	53.640 ug/ml
11) T n-Heneicosane (C21)	13.543	7740943	52.250 ug/ml
13) T n-Docosane (C22)	14.130	7597184	51.823 ug/ml
14) T n-Tetracosane (C24)	15.226	14172659	98.178 ug/ml
15) T n-Hexacosane (C26)	16.256	7114080	51.366 ug/ml
16) T n-Octacosane (C28)	17.205	6911671	51.625 ug/ml
17) T n-Tricontane (C30)	18.095	6905730	51.157 ug/ml
18) T n-Dotriacontane (C32)	18.924	6787120	50.805 ug/ml
19) T n-Tetratriacontane (C34)	19.708	6939420	52.767 ug/ml
20) T n-Hexatriacontane (C36)	20.449	6788019	52.226 ug/ml
21) T n-Octatriacontane (C38)	21.194	7010896	51.675 ug/mlm
22) T n-Tetracontane (C40)	22.124	7311411	52.555 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

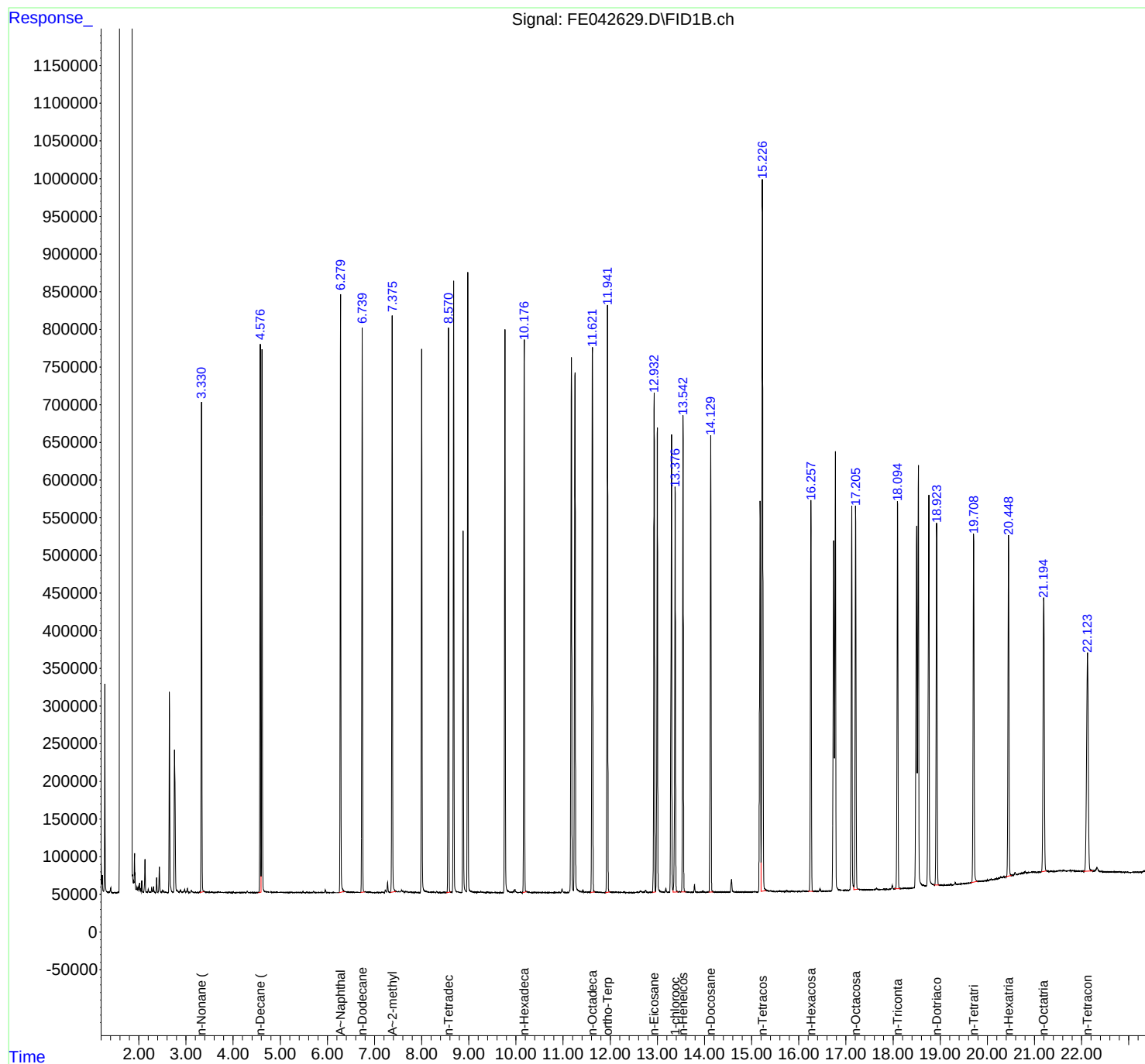
Instrument :
FID_E
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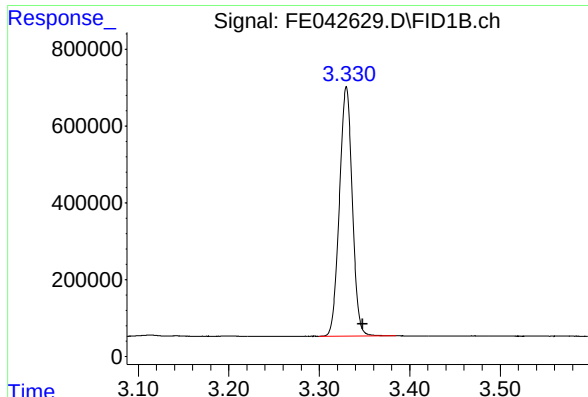
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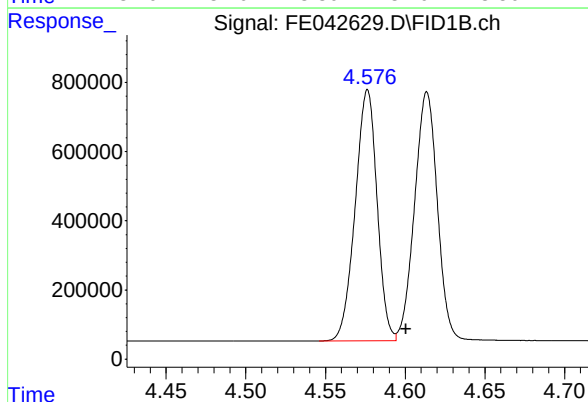
#1 n-Nonane (C9)

R.T.: 3.330 min
Delta R.T.: -0.018 min
Response: 6414155
Conc: 44.48 ug/ml

Instrument :
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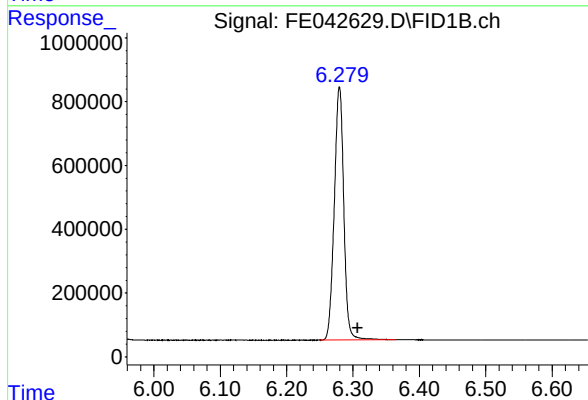
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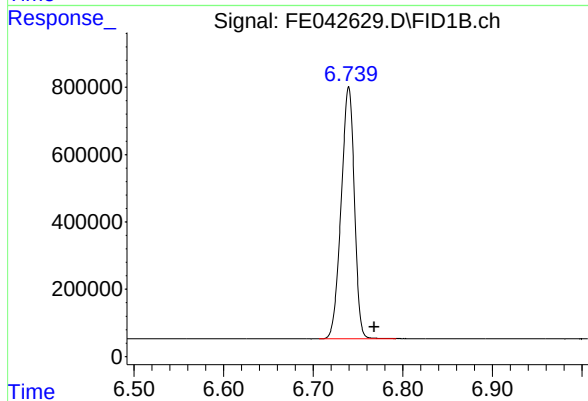
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.024 min
Response: 6934239
Conc: 46.84 ug/ml



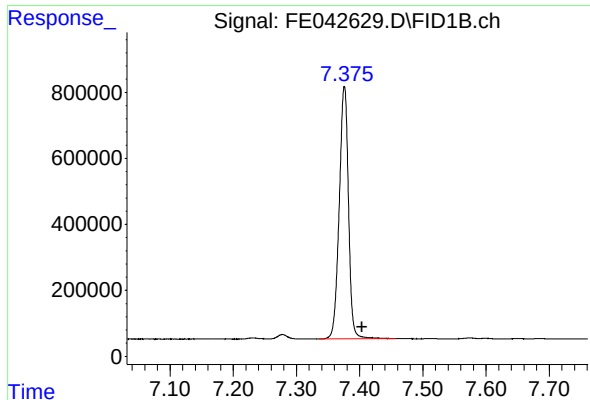
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.027 min
Response: 7892348
Conc: 48.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.029 min
Response: 7668456
Conc: 51.14 ug/ml



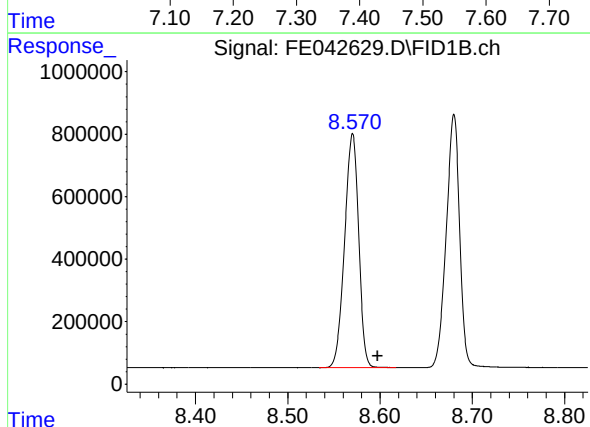
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: -0.028 min
Response: 7784831
Conc: 49.05 ug/ml

Instrument :
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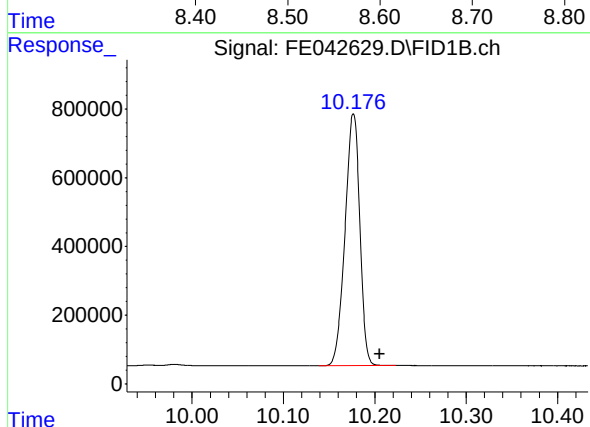
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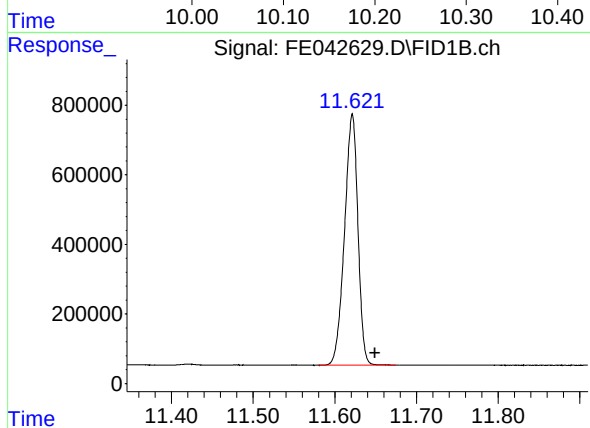
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.027 min
Response: 7938870
Conc: 52.99 ug/ml



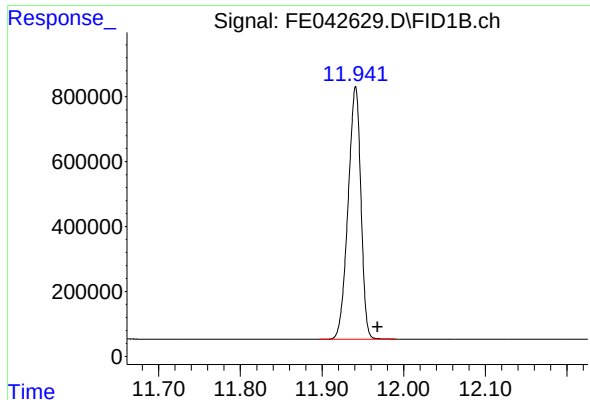
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.029 min
Response: 8242206
Conc: 52.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.028 min
Response: 8228760
Conc: 52.04 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.027 min
Response: 8480320
Conc: 48.03 ug/ml

Instrument :

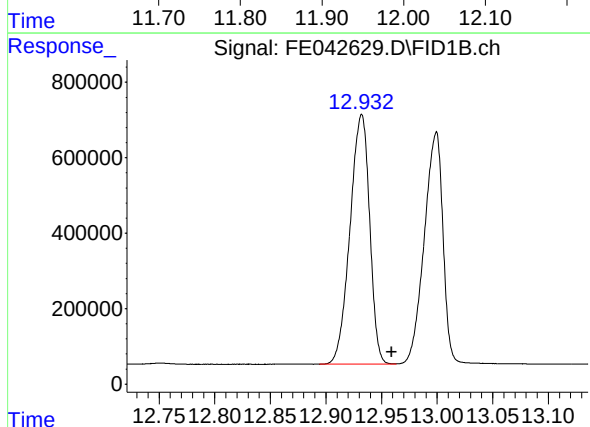
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ClientSampleId :

PB153464BS

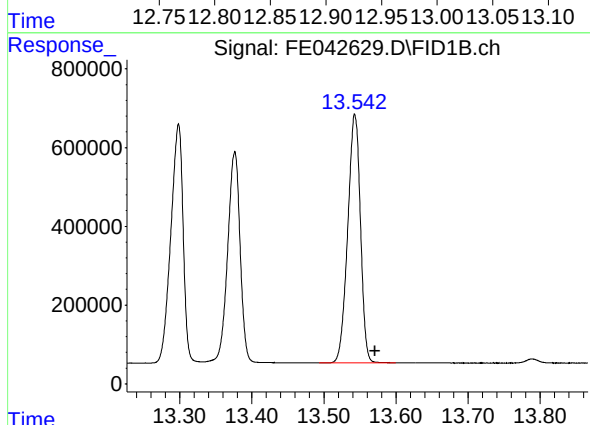
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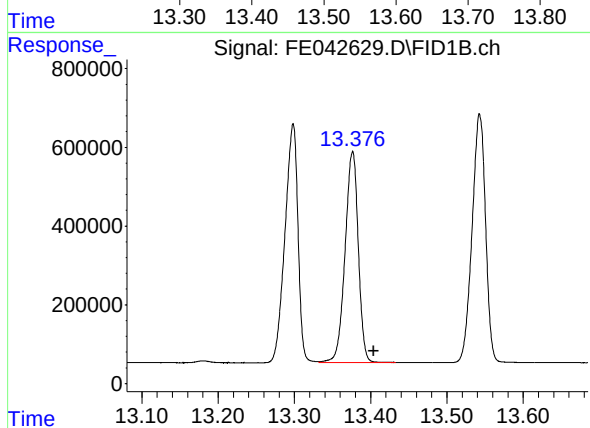
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.027 min
Response: 8130840
Conc: 53.64 ug/ml



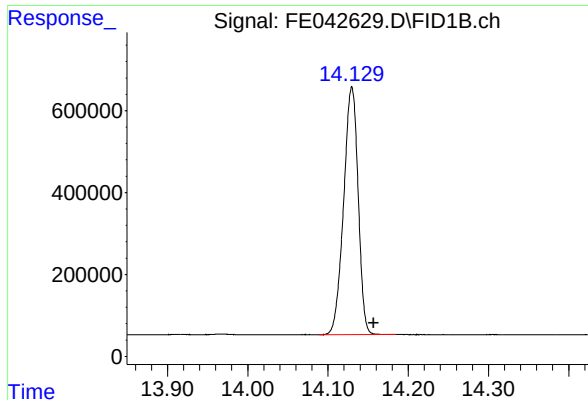
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.028 min
Response: 7740943
Conc: 52.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.028 min
Response: 6473864
Conc: 48.72 ug/ml



#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: -0.027 min
Response: 7597184
Conc: 51.82 ug/ml

Instrument :

FID_E

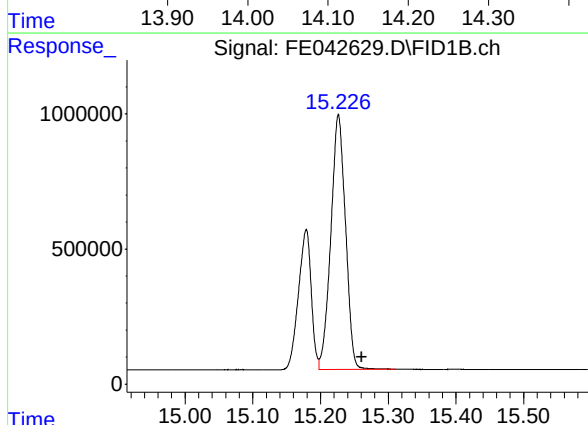
ClientSampleId :

PB153464BS

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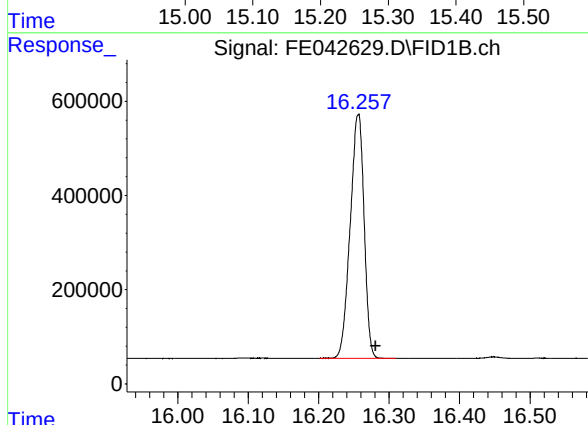
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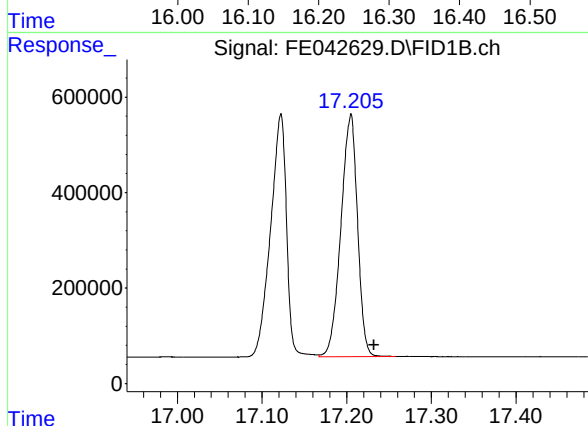
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.034 min
Response: 14172659
Conc: 98.18 ug/ml



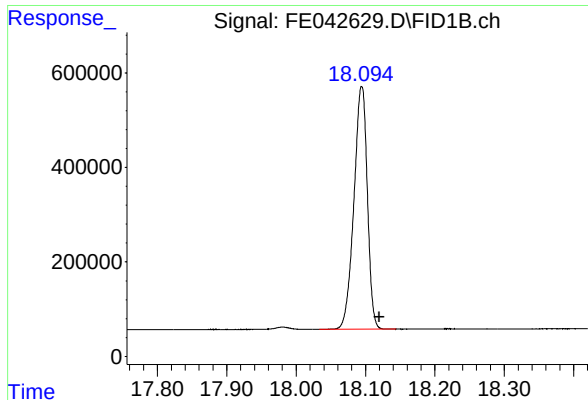
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.025 min
Response: 7114080
Conc: 51.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.027 min
Response: 6911671
Conc: 51.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.025 min
Response: 6905730
Conc: 51.16 ug/ml

Instrument :

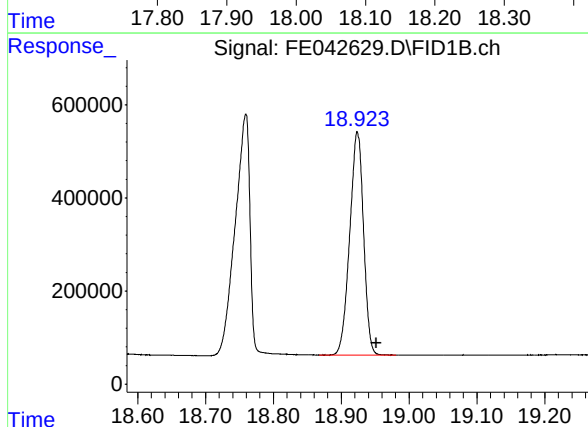
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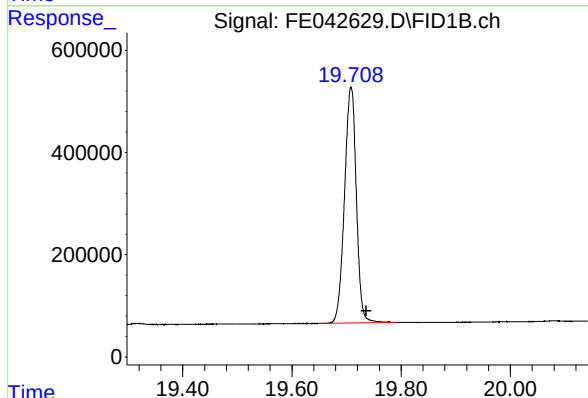
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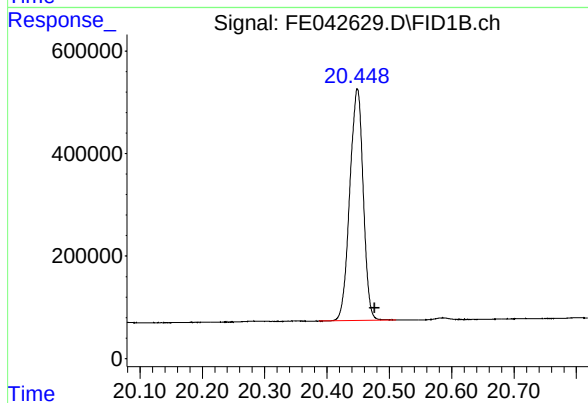
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.028 min
Response: 6787120
Conc: 50.81 ug/ml



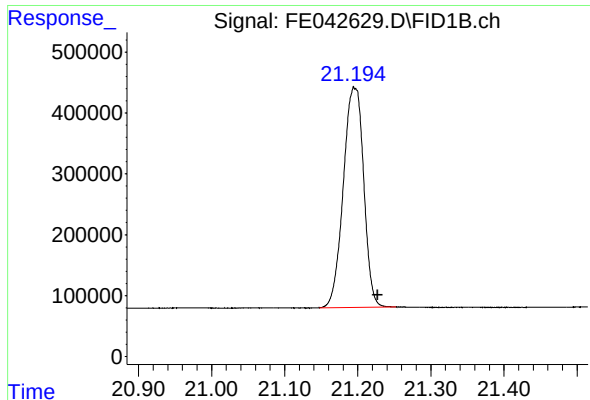
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.028 min
Response: 6939420
Conc: 52.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.028 min
Response: 6788019
Conc: 52.23 ug/ml



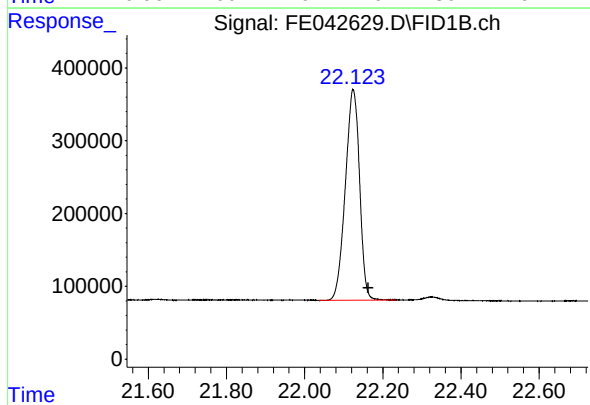
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.033 min
Response: 7010896
Conc: 51.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.039 min
Response: 7311411
Conc: 52.56 ug/ml