

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
 Data File : FE041788.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2023 16:01
 Operator : YP\AJ
 Sample : 02652-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CLAY-LINERMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2023
 Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e
 Quant Time: May 09 01:41:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	12.001	6591068	35.132 ug/mlm
Spiked Amount 50.000		Recovery =	70.26%
12) S 1-chlorooctadecane (S...	13.440	4842746	34.280 ug/mlm
Spiked Amount 50.000		Recovery =	68.56%
Target Compounds			
1) T n-Nonane (C9)	3.353	4163384	28.323 ug/ml
2) T n-Decane (C10)	4.606	4797527	31.988 ug/ml
3) T A~Naphthalene (C11.7)	6.310	5914173	35.738 ug/ml
4) T n-Dodecane (C12)	6.773	5895994	38.778 ug/ml
5) T A~2-methylnaphthalene...	7.408	6405997	39.728 ug/ml
6) T n-Tetradecane (C14)	8.609	7023464	46.236 ug/mlm
7) T n-Hexadecane (C16)	10.228	7632192	47.826 ug/mlm
8) T n-Octadecane (C18)	11.687	7798453	47.577 ug/mlm
10) T n-Eicosane (C20)	13.000	7704696	47.901 ug/mlm
11) T n-Heneicosane (C21)	13.608	6988325	43.850 ug/mlm
13) T n-Docosane (C22)	14.186	6919469	43.429 ug/mlm
14) T n-Tetracosane (C24)	15.277	12199348	75.669 ug/mlm
15) T n-Hexacosane (C26)	16.296	6350418	40.168 ug/mlm
16) T n-Octacosane (C28)	17.241	6170810	40.103 ug/mlm
17) T n-Tricontane (C30)	18.129	6037621	39.642 ug/ml
18) T n-Dotriacontane (C32)	18.960	5834372	39.162 ug/ml
19) T n-Tetratriacontane (C34)	19.744	5752632	40.835 ug/ml
20) T n-Hexatriacontane (C36)	20.483	5503486	41.154 ug/ml
21) T n-Octatriacontane (C38)	21.236	5591863	42.319 ug/ml
22) T n-Tetracontane (C40)	22.176	5805460	45.853 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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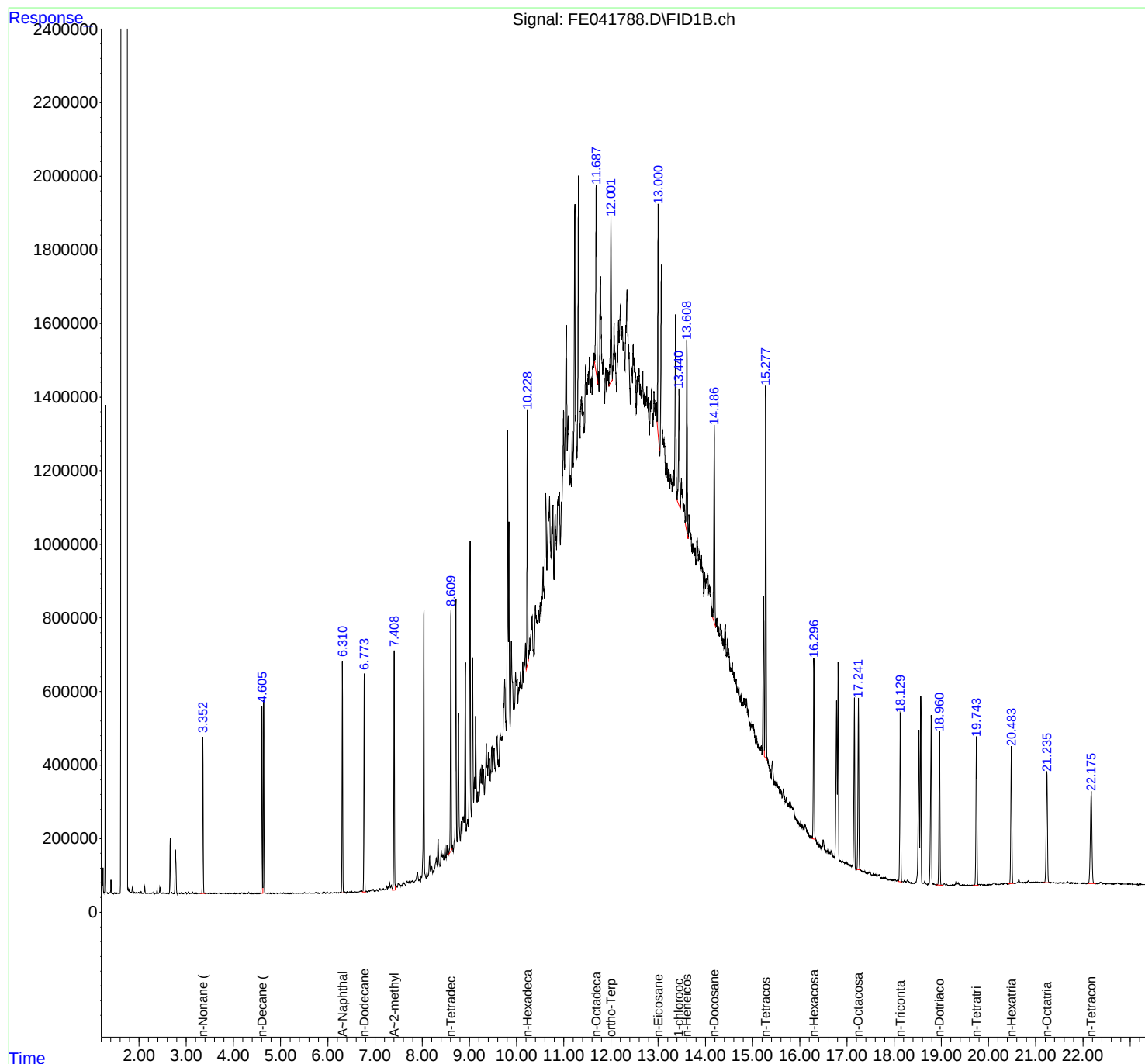
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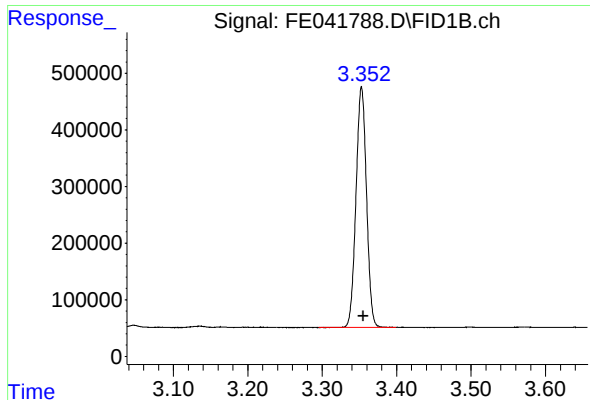
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#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.002 min
Response: 4163384
Conc: 28.32 ug/ml

Instrument :

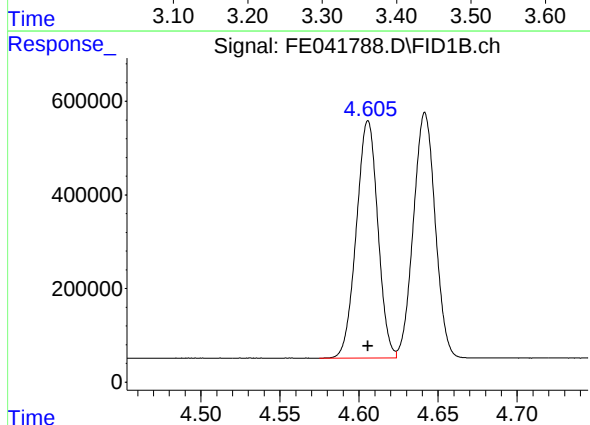
FID_E

ClientSampleId :

CLAY-LINERMS

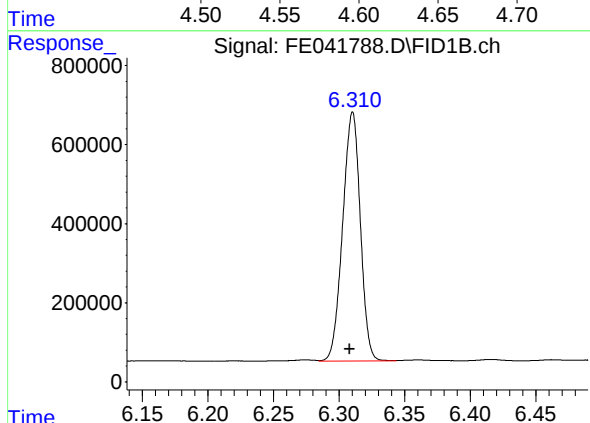
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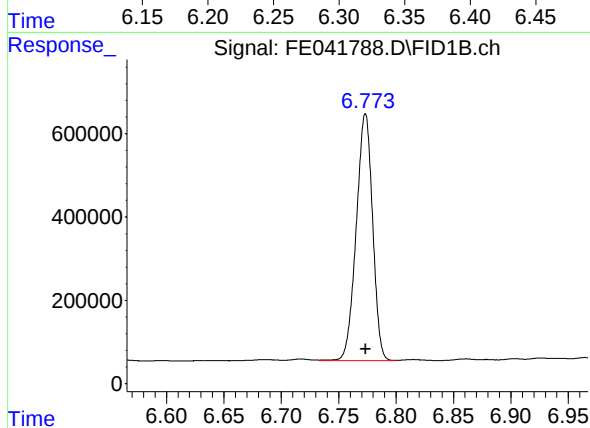
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 4797527
Conc: 31.99 ug/ml



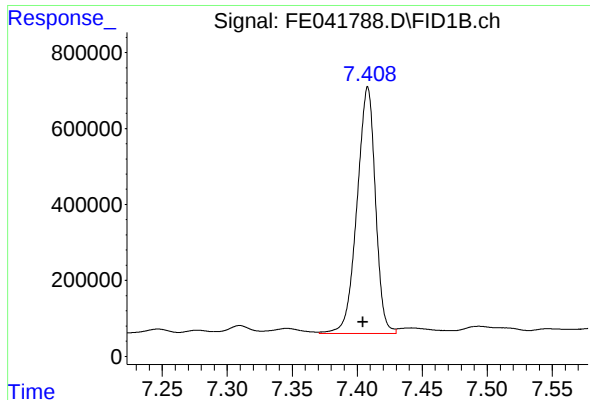
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 5914173
Conc: 35.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 5895994
Conc: 38.78 ug/ml



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

R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 6405997
Conc: 39.73 ug/ml

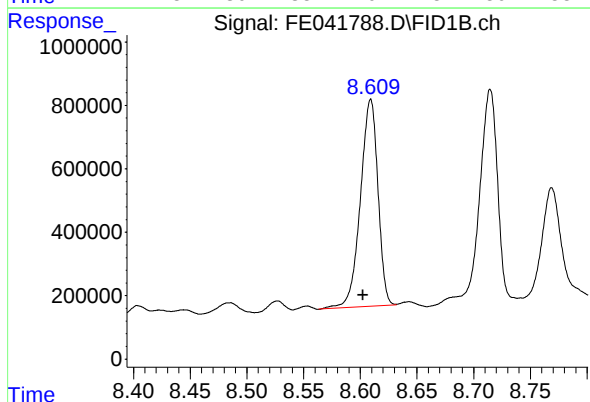
Instrument :

FID_E

ClientSampleId :
CLAY-LINERMS

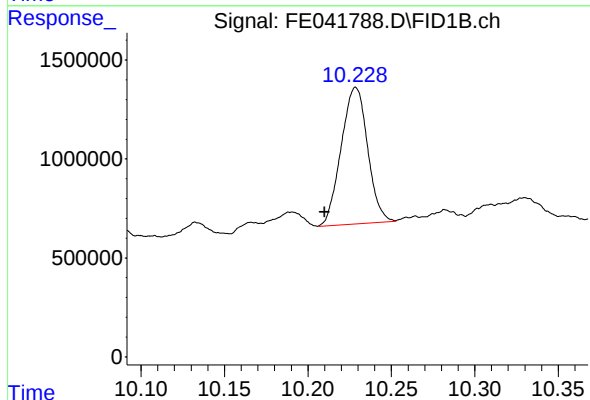
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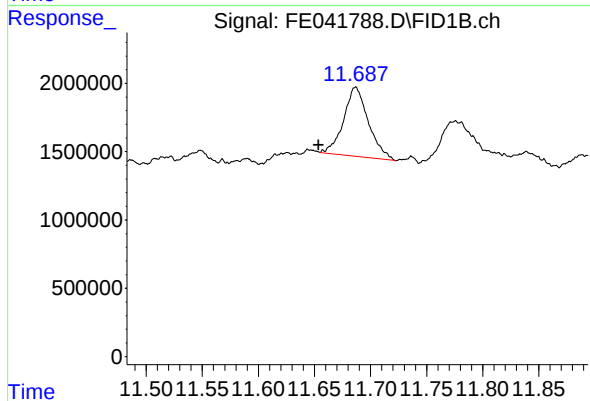
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.007 min
Response: 7023464
Conc: 46.24 ug/ml m



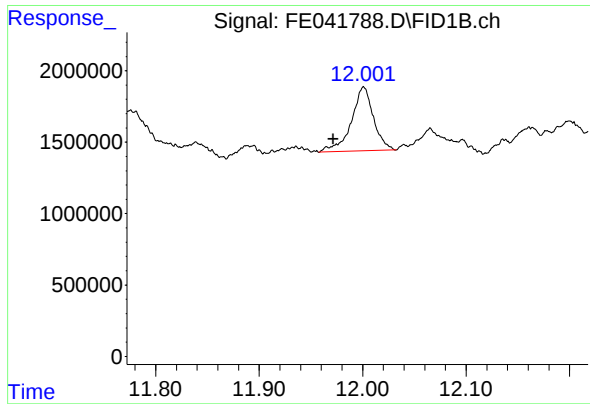
#7 n-Hexadecane (C16)

R.T.: 10.228 min
Delta R.T.: 0.018 min
Response: 7632192
Conc: 47.83 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.687 min
Delta R.T.: 0.033 min
Response: 7798453
Conc: 47.58 ug/ml m



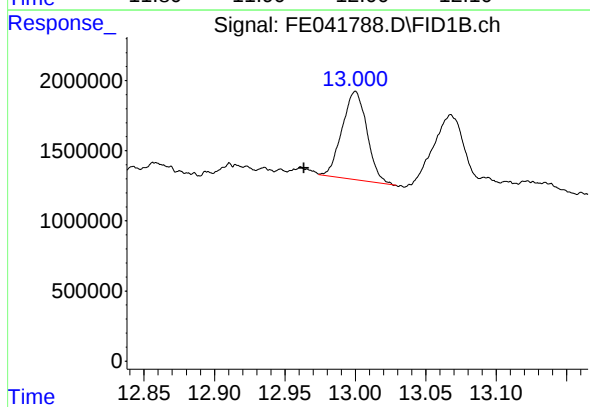
#9 ortho-Terphenyl (SURR)

R.T.: 12.001 min
Delta R.T.: 0.029 min
Response: 6591068
Conc: 35.13 ug/ml

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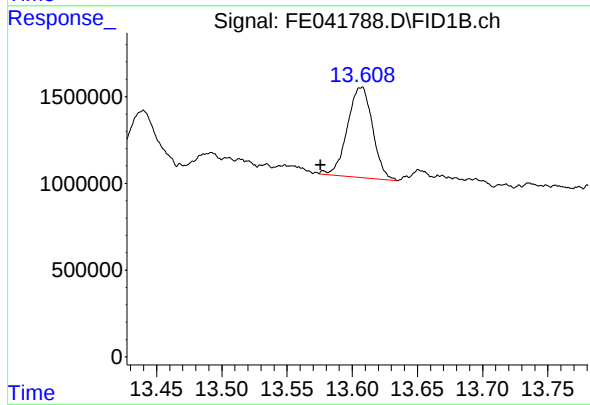
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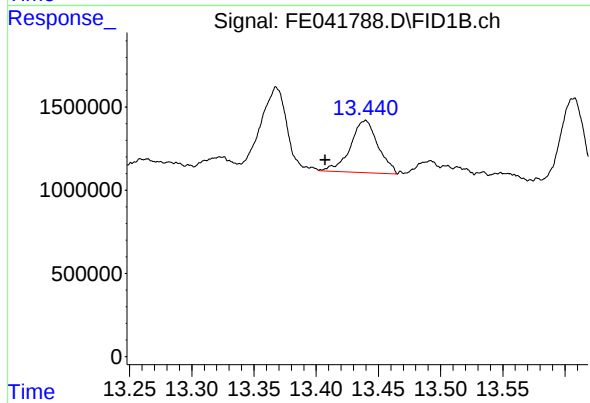
#10 n-Eicosane (C20)

R.T.: 13.000 min
Delta R.T.: 0.036 min
Response: 7704696
Conc: 47.90 ug/ml m



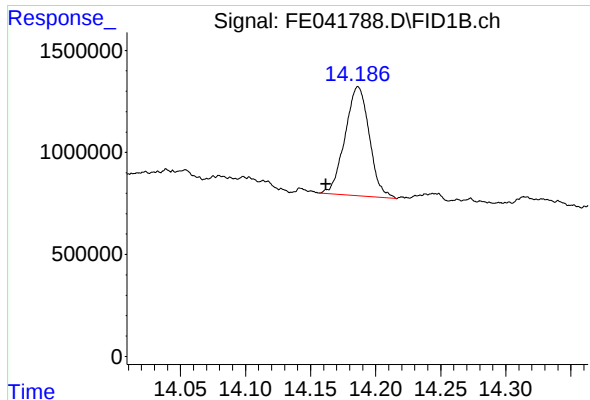
#11 n-Heneicosane (C21)

R.T.: 13.608 min
Delta R.T.: 0.032 min
Response: 6988325
Conc: 43.85 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.440 min
Delta R.T.: 0.032 min
Response: 4842746
Conc: 34.28 ug/ml m



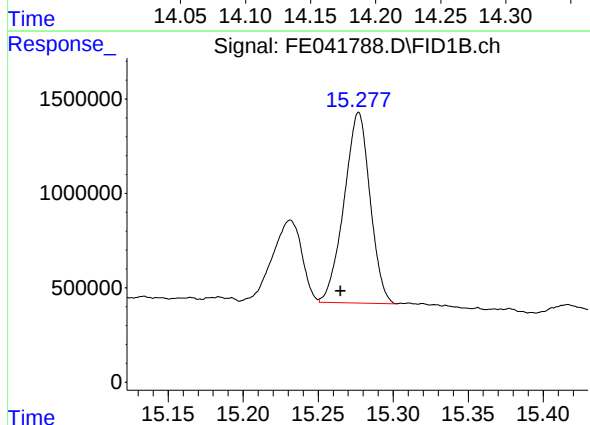
#13 n-Docosane (C22)

R.T.: 14.186 min
Delta R.T.: 0.024 min
Response: 6919469
Conc: 43.43 ug/ml

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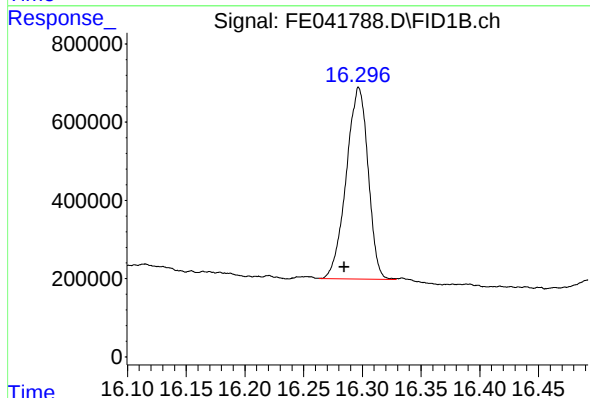
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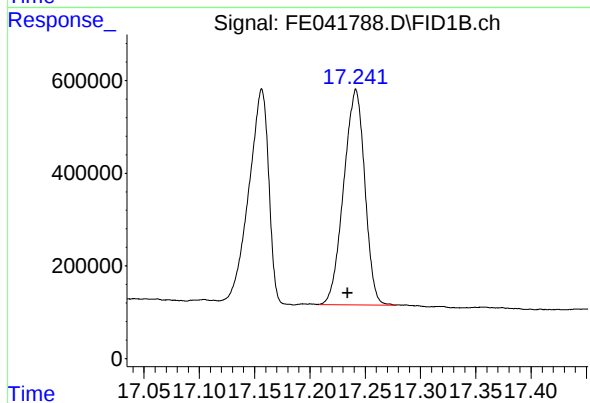
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.012 min
Response: 12199348
Conc: 75.67 ug/ml m



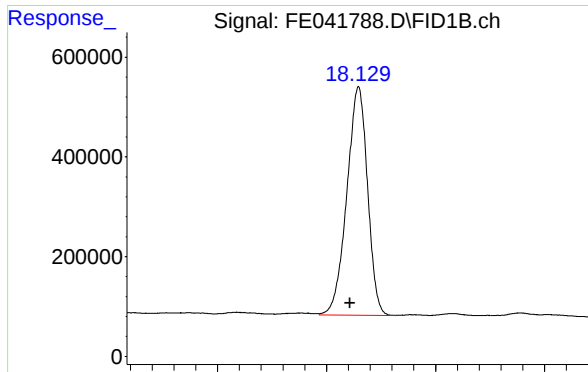
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.011 min
Response: 6350418
Conc: 40.17 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 6170810
Conc: 40.10 ug/ml m



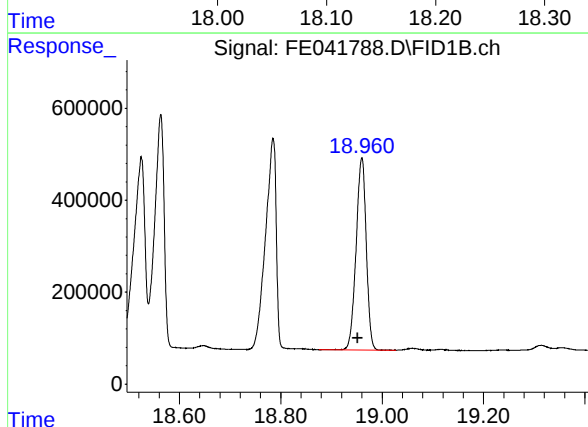
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.008 min
Response: 6037621
Conc: 39.64 ug/ml

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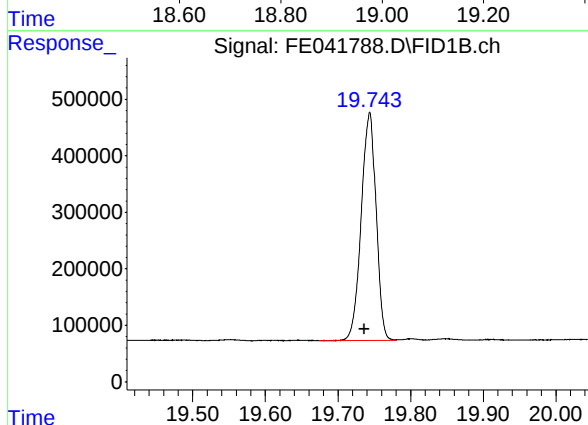
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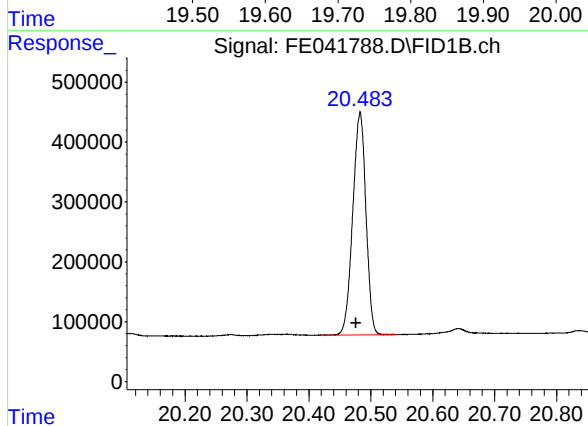
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.008 min
Response: 5834372
Conc: 39.16 ug/ml



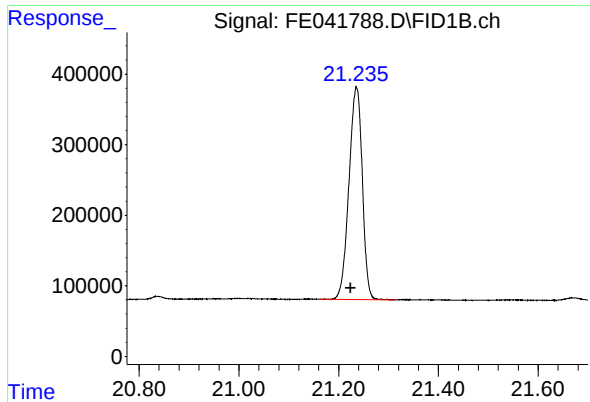
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.008 min
Response: 5752632
Conc: 40.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.007 min
Response: 5503486
Conc: 41.15 ug/ml



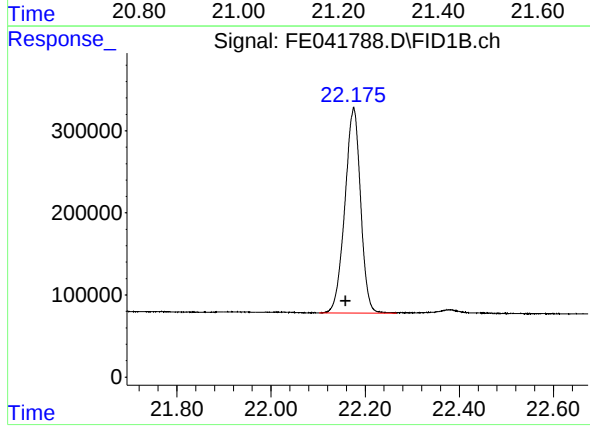
#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.011 min
Response: 5591863
Conc: 42.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.176 min
Delta R.T.: 0.017 min
Response: 5805460
Conc: 45.85 ug/ml